

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000309.D
 Acq On : 14 Oct 2019 19:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.00ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 15 01:17:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	327334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	558532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	506845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	250962	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	177011	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	
35) Dibromofluoromethane	7.73	113	161682	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
50) Toluene-d8	10.18	98	661433	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.48	95	244205	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	120367	46.226	ug/l	95
3) Chloromethane	2.12	50	161682	40.421	ug/l	98
4) Vinyl Chloride	2.25	62	171952	42.596	ug/l	100
5) Bromomethane	2.64	94	120554	40.296	ug/l	97
6) Chloroethane	2.79	64	114605	44.000	ug/l	97
7) Trichlorofluoromethane	3.13	101	258724	46.854	ug/l	100
8) Diethyl Ether	3.54	74	99597	51.056	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	161211	48.140	ug/l	95
10) Methyl Iodide	4.10	142	215218	45.236	ug/l	100
11) Tert butyl alcohol	4.96	59	87782	242.931	ug/l	100
12) 1,1-Dichloroethene	3.88	96	157171	47.541	ug/l	98
13) Acrolein	3.74	56	120090	283.472	ug/l	99
14) Allyl chloride	4.49	41	276761	50.517	ug/l	97
15) Acrylonitrile	5.18	53	273429	250.427	ug/l	98
16) Acetone	3.96	43	232780	208.177	ug/l	95
17) Carbon Disulfide	4.19	76	482035	46.309	ug/l	98
18) Methyl Acetate	4.49	43	137311	49.424	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	484163	52.608	ug/l	96
20) Methylene Chloride	4.72	84	186895	49.559	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	179788	47.400	ug/l	89
22) Diisopropyl ether	6.13	45	618324	53.362	ug/l	98
23) Vinyl Acetate	6.07	43	1952579	258.296	ug/l	99
24) 1,1-Dichloroethane	6.03	63	320404	50.658	ug/l	97
25) 2-Butanone	7.00	43	376268	238.875	ug/l	100
26) 2,2-Dichloropropane	6.99	77	271236	46.539	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	207647	50.593	ug/l	100
28) Bromochloromethane	7.35	49	145663	53.648	ug/l	99
29) Tetrahydrofuran	7.36	42	238958	250.320	ug/l	99
30) Chloroform	7.52	83	322799	50.678	ug/l	99
31) Cyclohexane	7.79	56	310555	47.011	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	278242	49.135	ug/l	100
36) 1,1-Dichloropropene	7.93	75	249234	45.577	ug/l	98
37) Ethyl Acetate	7.09	43	157255	48.566	ug/l	97
38) Carbon Tetrachloride	7.91	117	238822	45.106	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	328041	45.835	ug/l	96
40) Benzene	8.17	78	752337	47.607	ug/l	99
41) Methacrylonitrile	7.36	41	212690	137.997	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	213803	47.363	ug/l	100
43) Isopropyl Acetate	8.28	43	299941	48.718	ug/l	98
44) Trichloroethene	8.95	130	202274	45.618	ug/l	99
45) 1,2-Dichloropropane	9.22	63	192828	49.722	ug/l	96
46) Dibromomethane	9.32	93	104882	48.379	ug/l	97
47) Bromodichloromethane	9.50	83	252142	49.351	ug/l	99
48) Methyl methacrylate	9.30	41	133160	49.352	ug/l	96
49) 1,4-Dioxane	9.30	88	31594	971.958	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	788024	248.162	ug/l	97
52) Toluene	10.25	92	475449	47.387	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	274234	50.084	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	313616	50.435	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	157275	49.895	ug/l	98
56) Ethyl methacrylate	10.51	69	237961	52.964	ug/l	96
57) 1,3-Dichloropropane	10.79	76	272364	50.313	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	560411	312.717	ug/l	99
59) 2-Hexanone	10.83	43	568901	255.239	ug/l	98
60) Dibromochloromethane	10.99	129	177363	50.766	ug/l	98
61) 1,2-Dibromoethane	11.09	107	151982	50.216	ug/l	98
64) Tetrachloroethene	10.72	164	221153	45.833	ug/l	96
65) Chlorobenzene	11.52	112	507515	47.446	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	184440	49.086	ug/l	99
67) Ethyl Benzene	11.60	91	937472	47.277	ug/l	100
68) m/p-Xylenes	11.70	106	704725	92.967	ug/l	97
69) o-Xylene	12.03	106	339018	46.881	ug/l	97
70) Styrene	12.05	104	595419	48.822	ug/l	99
71) Bromoform	12.21	173	107980	49.989	ug/l #	98
73) Isopropylbenzene	12.33	105	917838	46.904	ug/l	100
74) N-amyl acetate	12.14	43	268941	55.983	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	175409	47.742	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	260155	84.302	ug/l #	100
77) Bromobenzene	12.61	156	204323	46.923	ug/l	98
78) n-propylbenzene	12.67	91	1115015	47.458	ug/l	100
79) 2-Chlorotoluene	12.75	91	626436	48.279	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	780531	47.568	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	67491	47.851	ug/l	96
82) 4-Chlorotoluene	12.85	91	659791	48.105	ug/l	99
83) tert-Butylbenzene	13.07	119	657637	47.328	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	778243	48.056	ug/l	100
85) sec-Butylbenzene	13.25	105	964946	48.004	ug/l	99
86) p-Isopropyltoluene	13.37	119	841265	48.004	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	403862	47.074	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	403299	47.030	ug/l	99
89) n-Butylbenzene	13.69	91	836969	48.329	ug/l	99
90) Hexachloroethane	13.96	117	159523	49.158	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	377901	48.672	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	34136	48.988	ug/l	96

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QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration

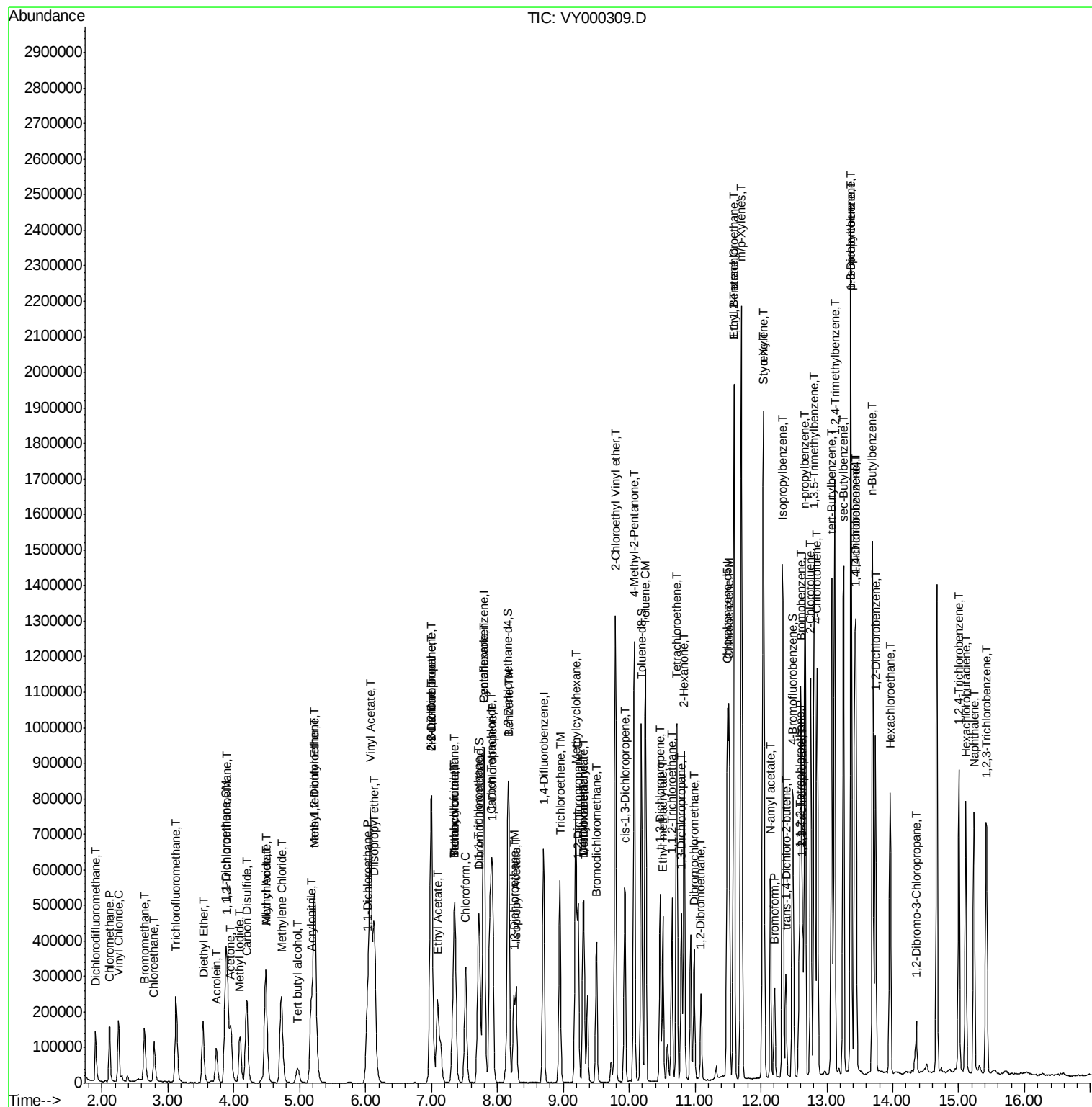
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	250382	46.318	ug/l	99
94) Hexachlorobutadiene	15.11	225	129149	44.147	ug/l	99
95) Naphthalene	15.23	128	595639	49.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	229989	47.207	ug/l	100

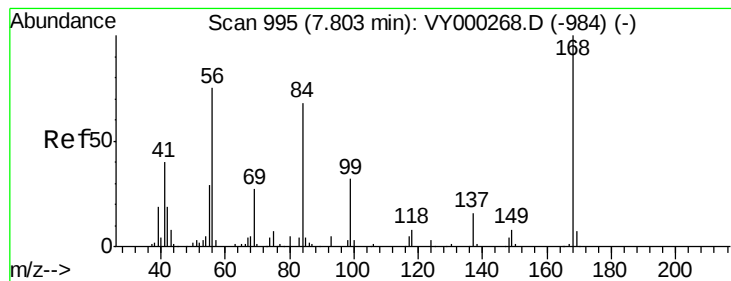
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

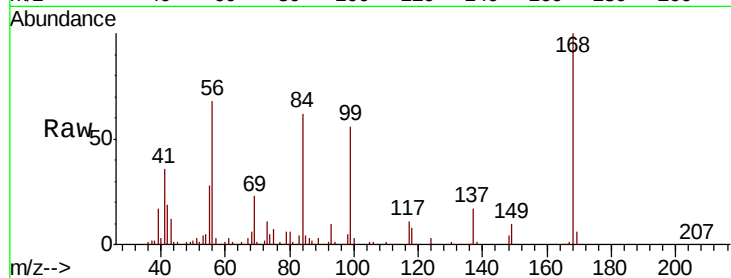
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 327334

Ion Ratio Lower Upper

168 100

99 56.3 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) (-)

7.80

150000

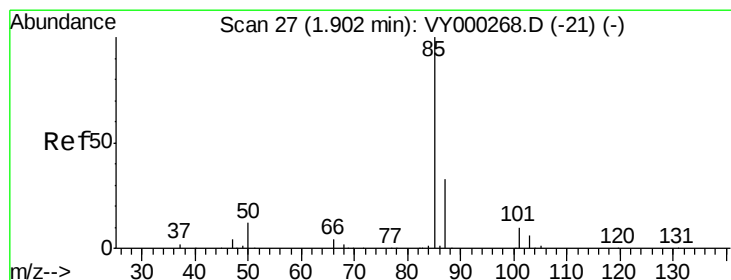
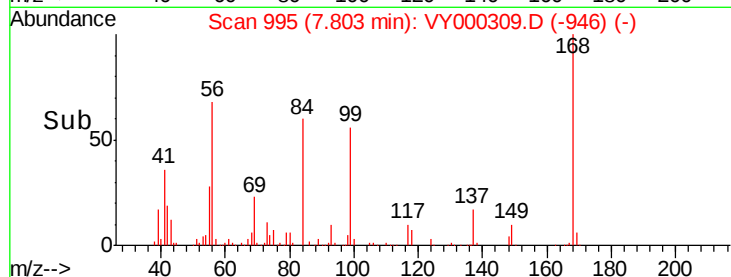
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.226 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000309.D

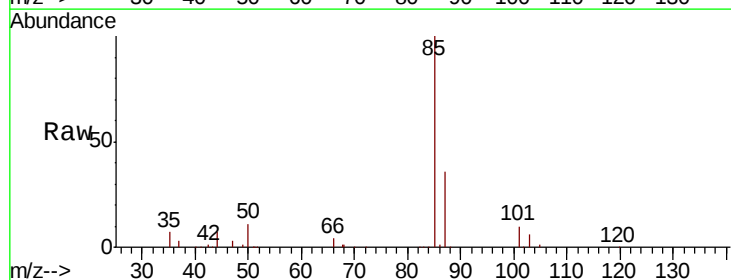
Acq: 14 Oct 2019 19:03

Tgt Ion: 85 Resp: 120367

Ion Ratio Lower Upper

85 100

87 36.3 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) (-)

1.90

80000

60000

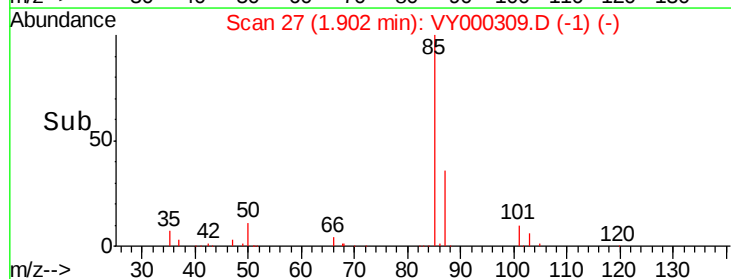
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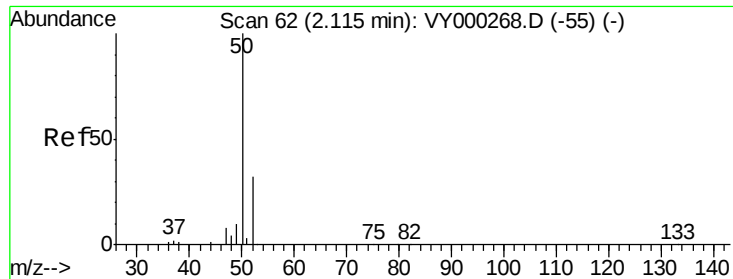
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 40.421 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :

MSVOA_Y

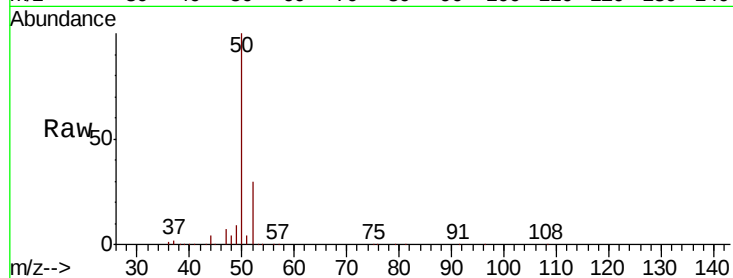
ClientSampled :

Tot Ion: 50 Resp: 161682

Ion Ratio Lower Upper

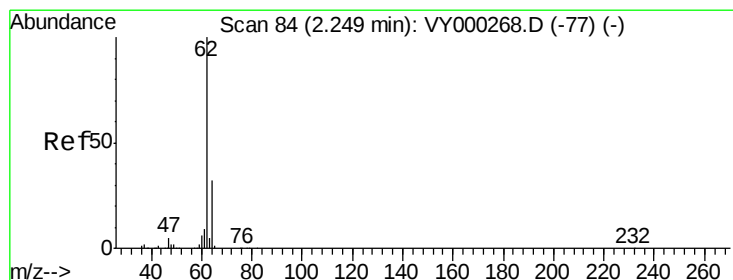
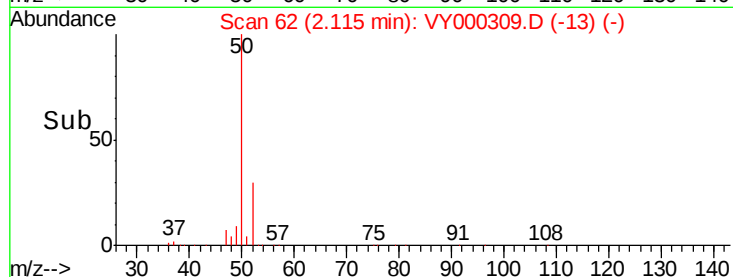
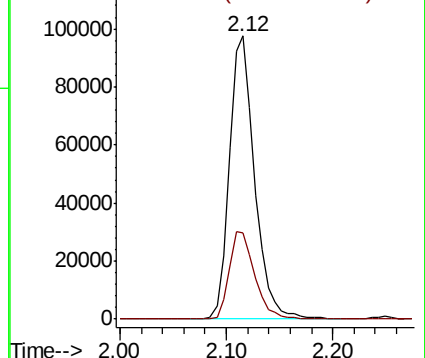
50 100

52 30.5 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 42.596 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000309.D

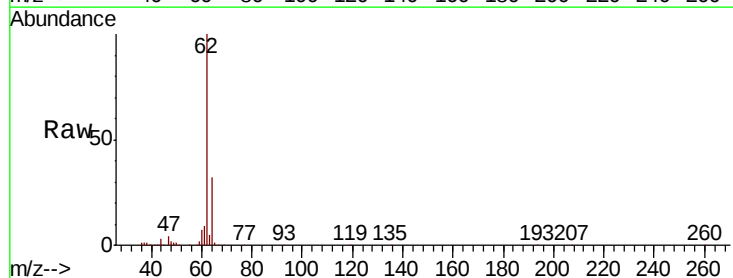
Acq: 14 Oct 2019 19:03

Tgt Ion: 62 Resp: 171952

Ion Ratio Lower Upper

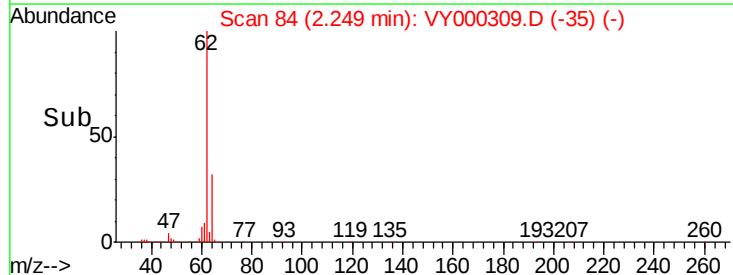
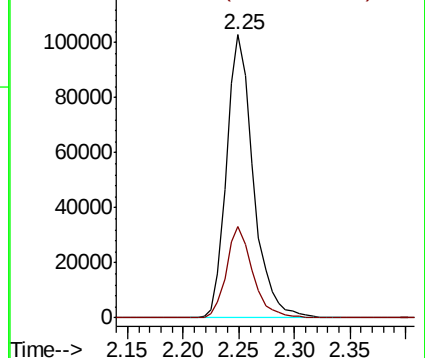
62 100

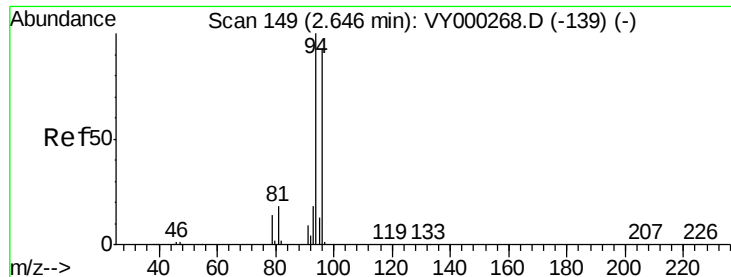
64 32.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 40.296 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :

MSVOA_Y

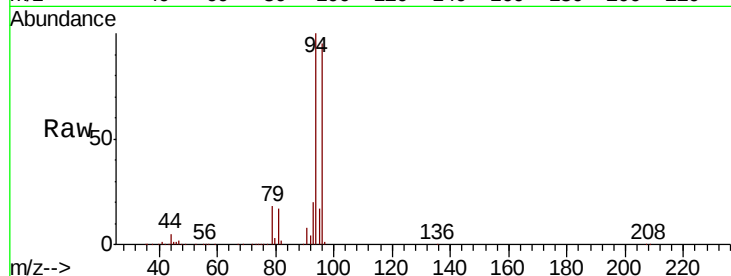
ClientSampleId :

Tot Ion: 94 Resp: 120554

Ion Ratio Lower Upper

94 100

96 95.3 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

50000

40000

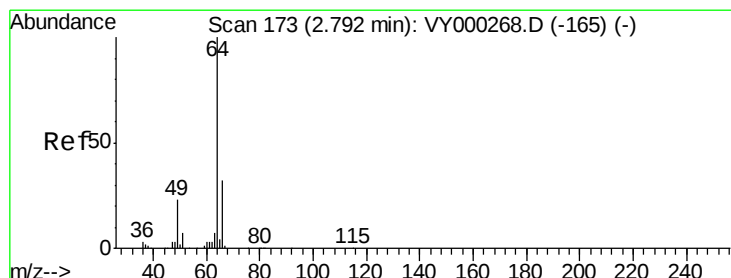
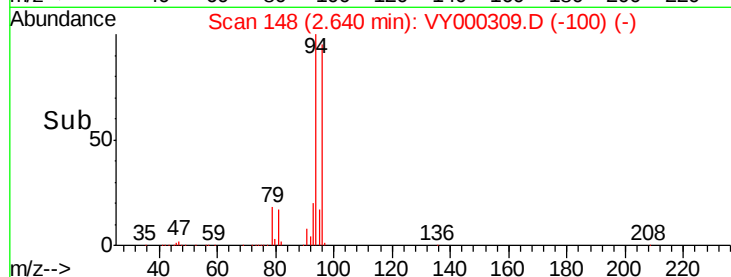
30000

20000

10000

0

Time--> 2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 44.000 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000309.D

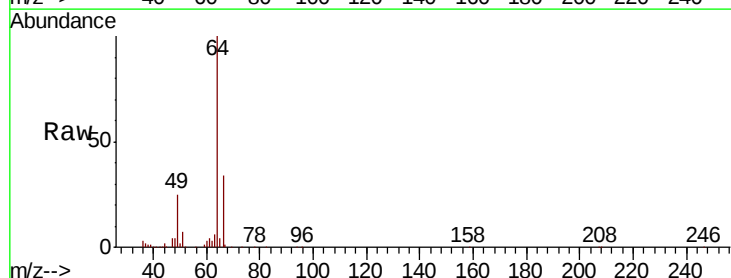
Acq: 14 Oct 2019 19:03

Tgt Ion: 64 Resp: 114605

Ion Ratio Lower Upper

64 100

66 33.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

60000

50000

40000

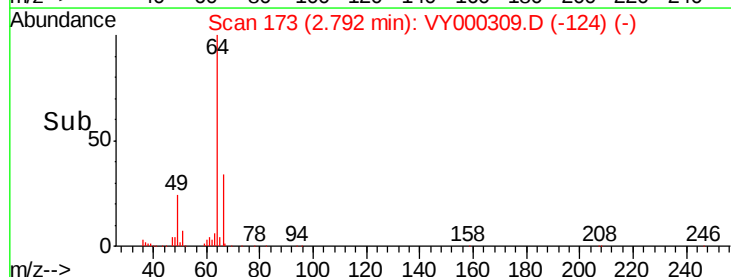
30000

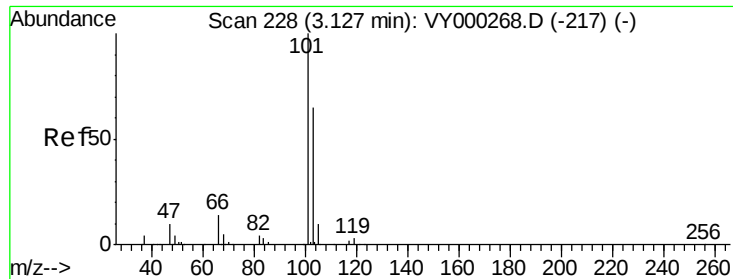
20000

10000

0

Time--> 2.70 2.80 2.90



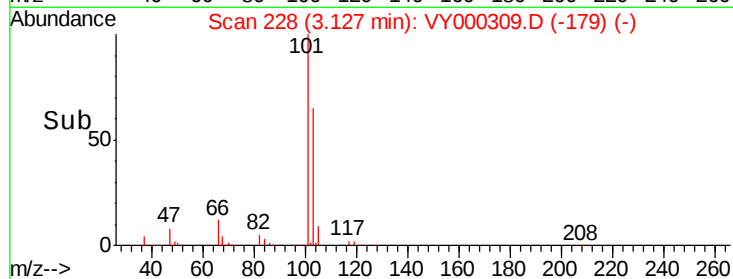
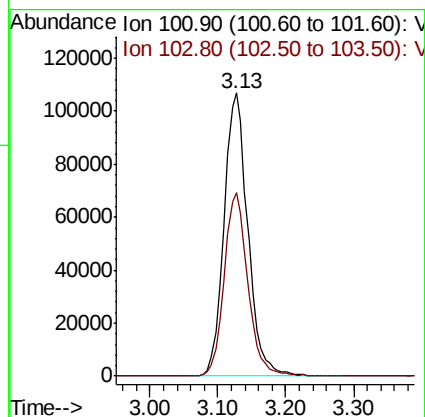
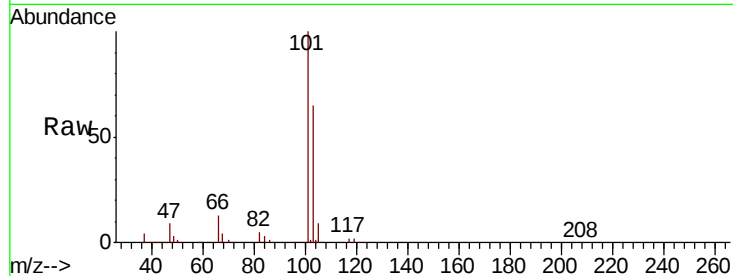


#7

Trichlorofluoromethane
Concen: 46.854 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Instrument :
MSVOA_Y
ClientSampled :

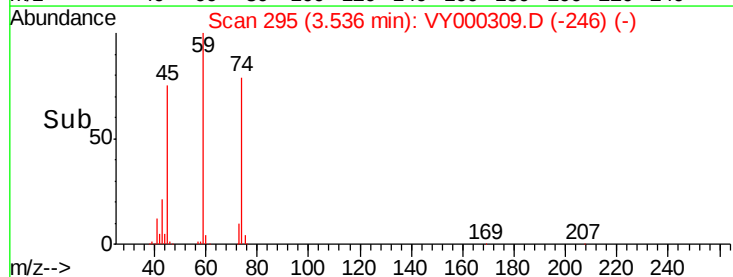
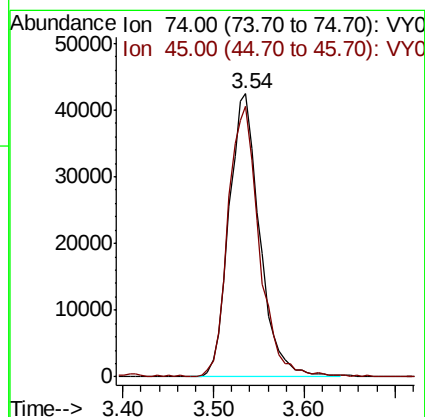
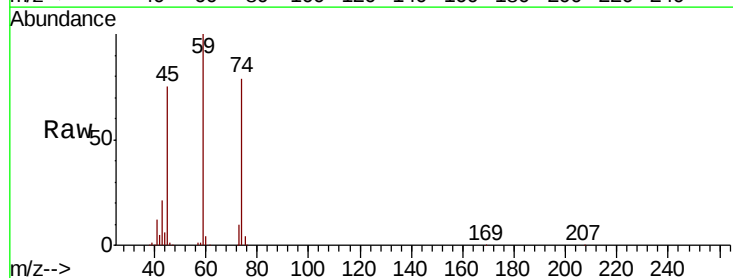
Tot Ion:101 Resp: 258724
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

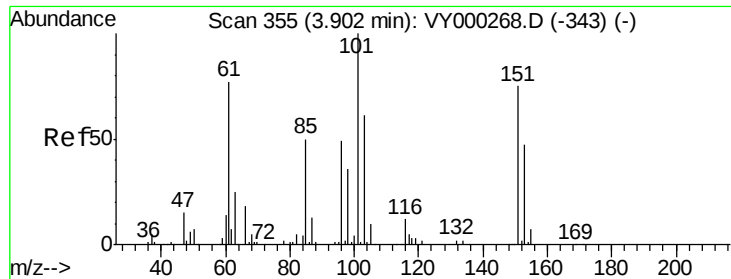


#8

Diethyl Ether
Concen: 51.056 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Tgt Ion: 74 Resp: 99597
Ion Ratio Lower Upper
74 100
45 96.7 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.140 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :

MSVOA_Y

ClientSampleId :

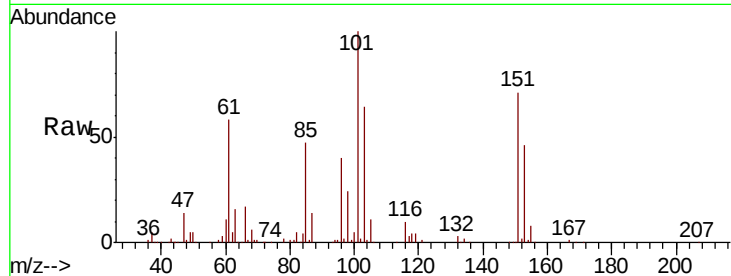
Tot Ion:101 Resp: 161211

Ion Ratio Lower Upper

101 100

85 45.1 36.6 55.0

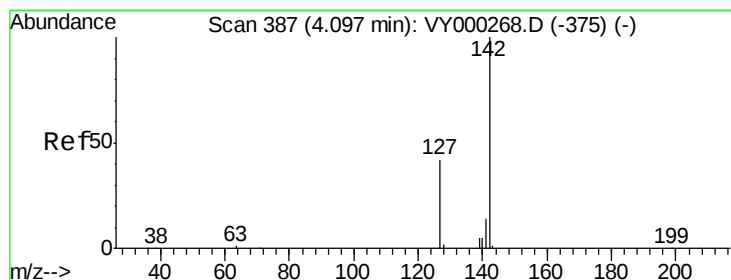
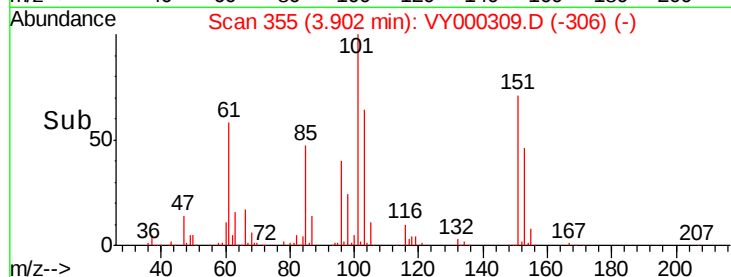
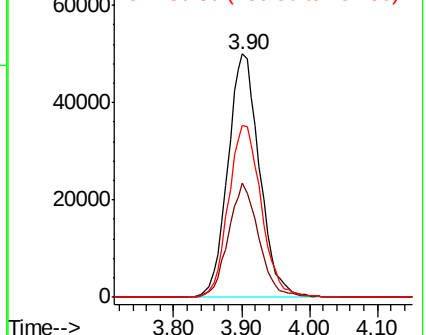
151 72.9 63.1 94.7



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: 45.236 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

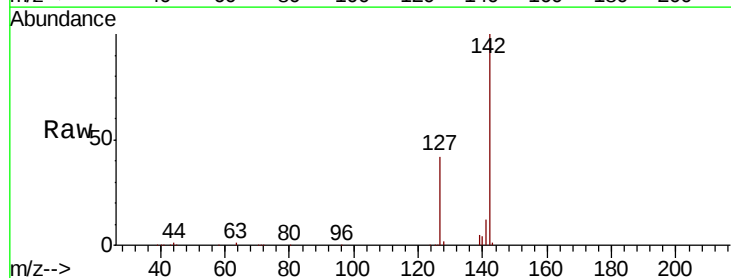
Tgt Ion:142 Resp: 215218

Ion Ratio Lower Upper

142 100

127 42.3 33.9 50.9

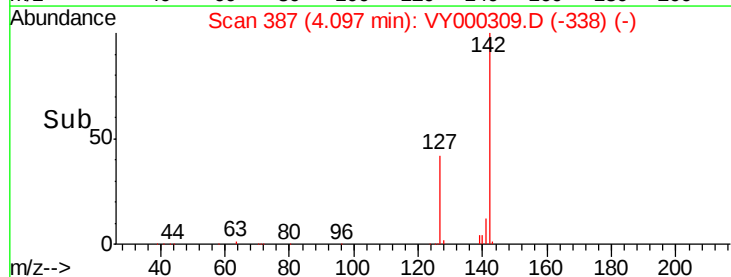
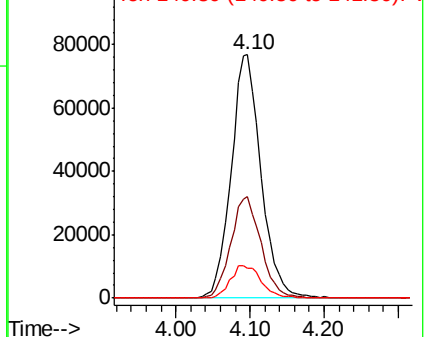
141 13.8 11.2 16.8

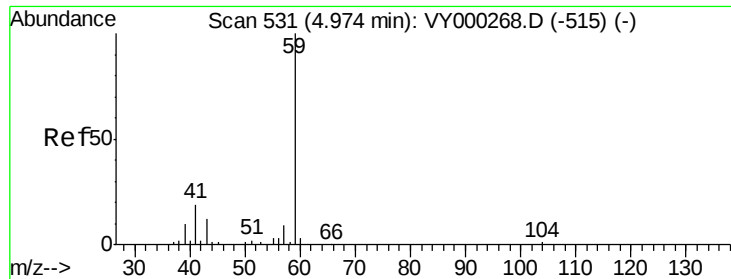


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

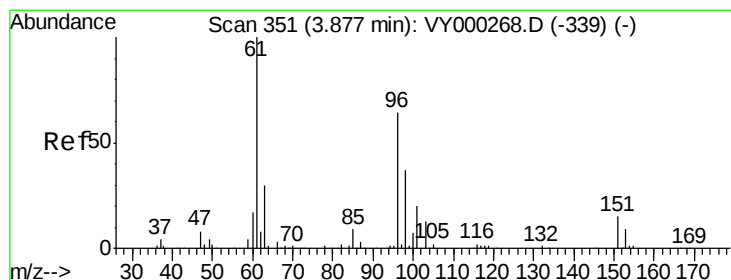
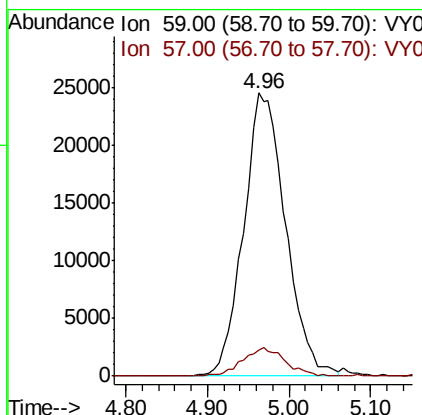
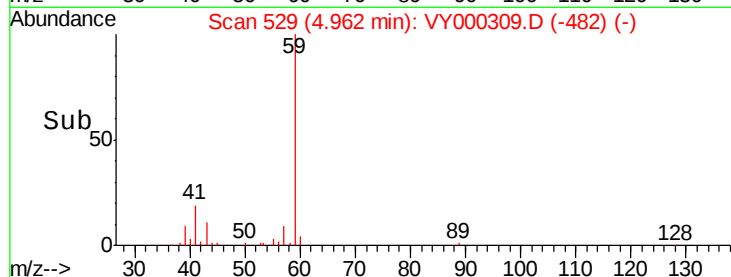
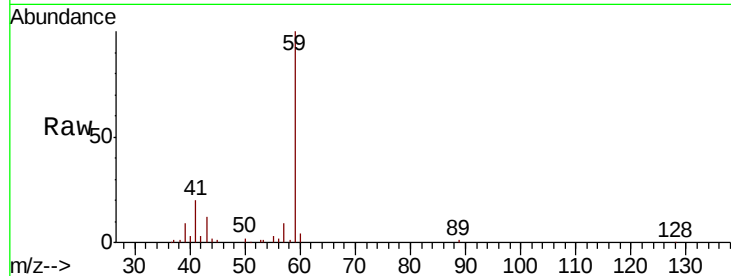




#11
Tert butyl alcohol
Concen: 242.931 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

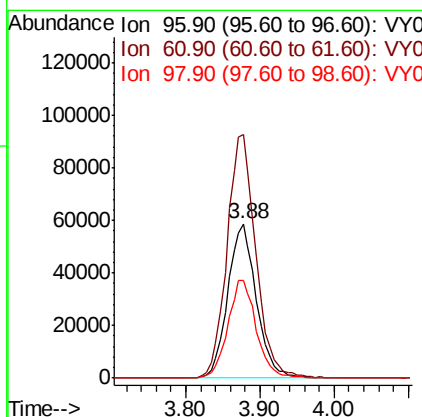
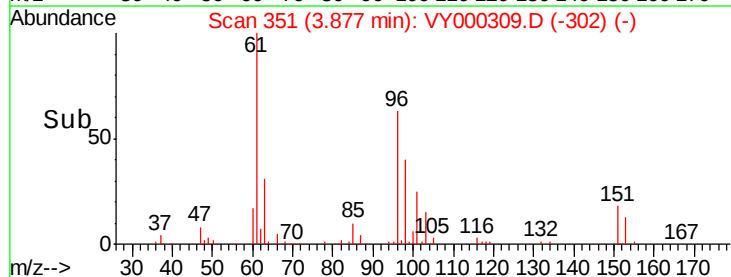
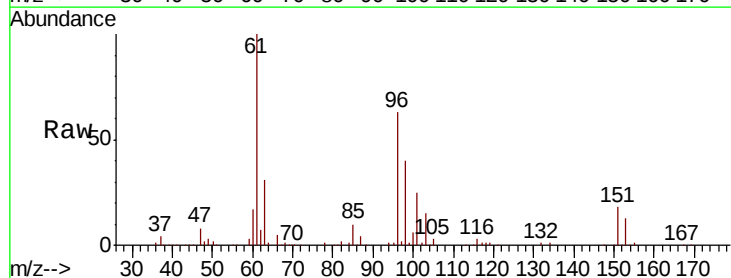
Instrument :
MSVOA_Y
ClientSampled :

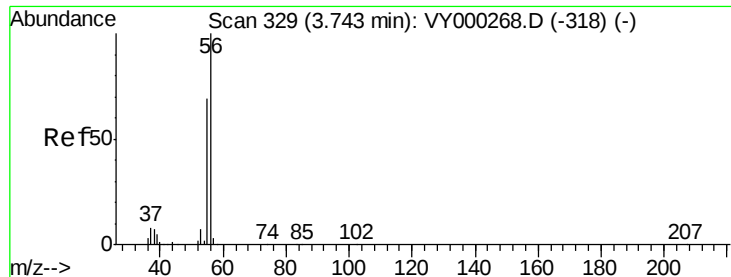
Tot Ion: 59 Resp: 87782
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.541 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Tgt Ion: 96 Resp: 157171
Ion Ratio Lower Upper
96 100
61 157.8 125.8 188.6
98 63.5 46.2 69.2





#13

Acrolein

Concen: 283.472 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

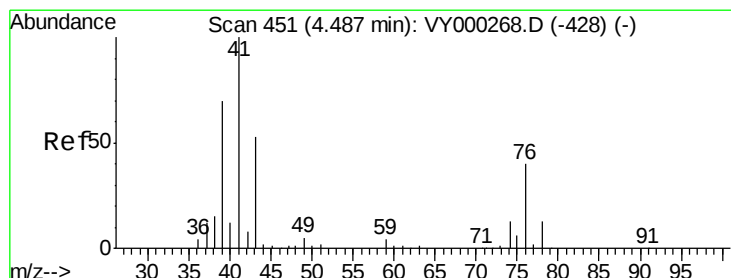
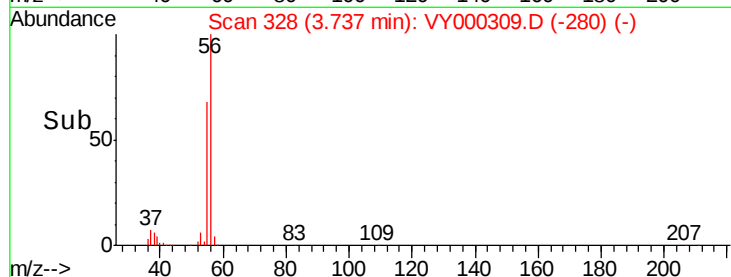
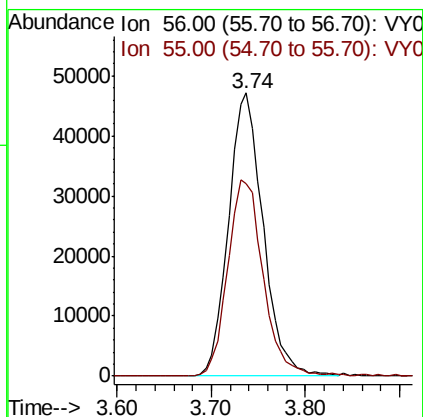
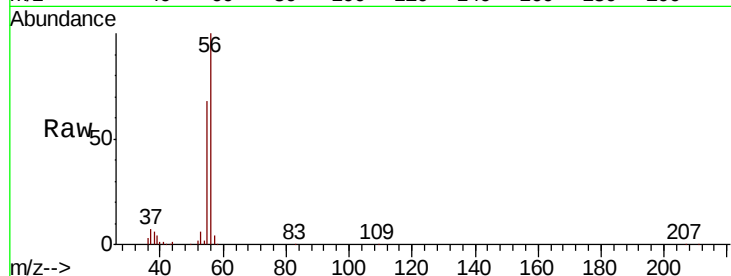
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 120090

Ion Ratio Lower Upper

56 100

55 70.7 55.7 83.5



#14

Allyl chloride

Concen: 50.517 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

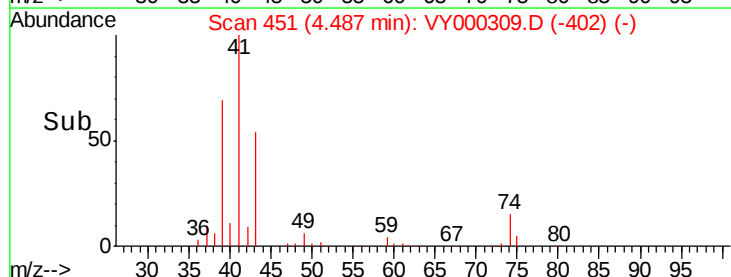
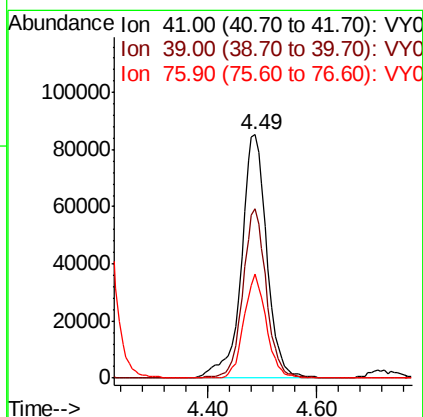
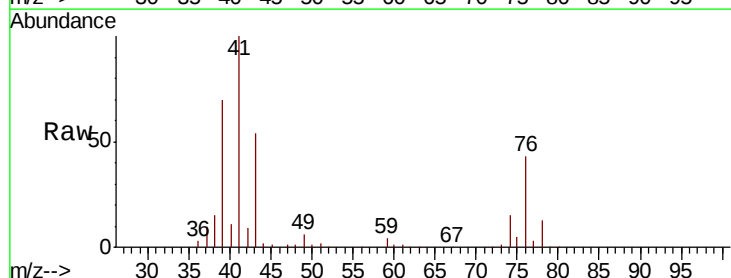
Tgt Ion: 41 Resp: 276761

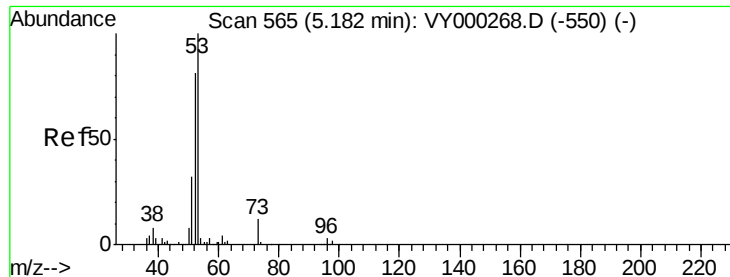
Ion Ratio Lower Upper

41 100

39 64.0 54.0 81.0

76 37.7 30.7 46.1





#15

Acrylonitrile

Concen: 250.427 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :
MSVOA_Y
ClientSampled :

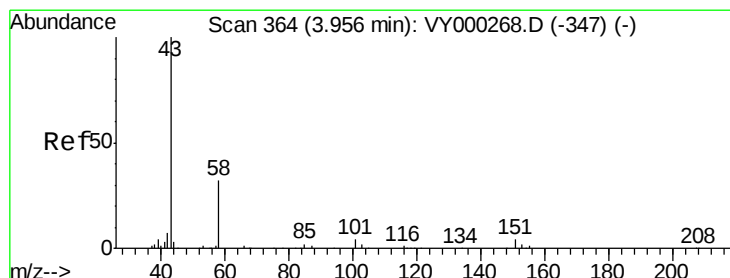
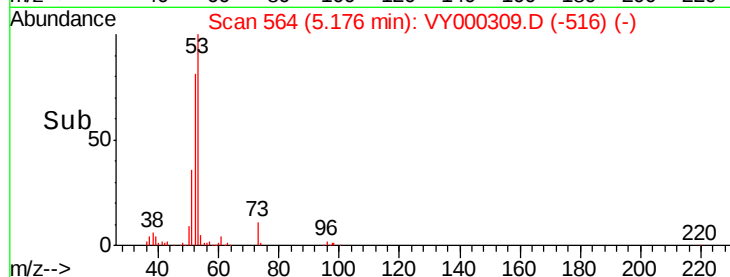
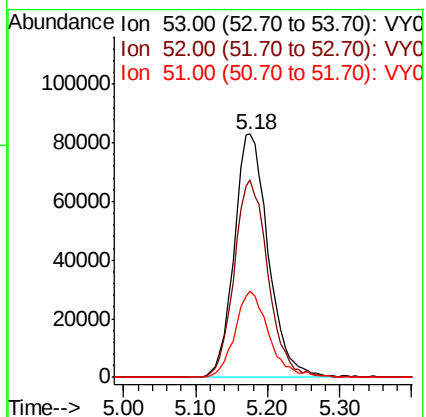
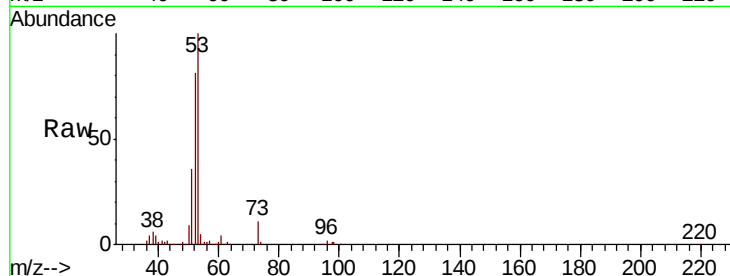
Tot Ion: 53 Resp: 273429

Ion Ratio Lower Upper

53 100

52 80.4 62.9 94.3

51 35.3 26.9 40.3



#16

Acetone

Concen: 208.177 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY000309.D

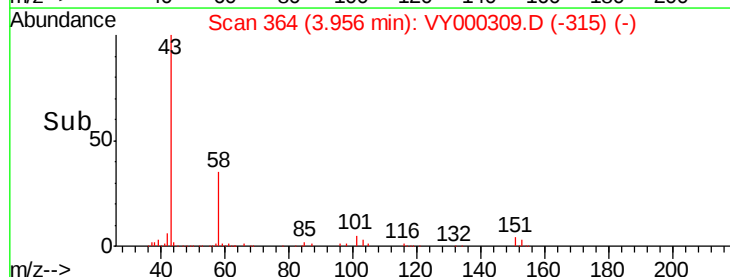
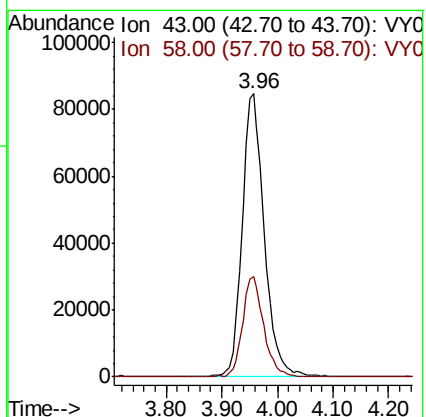
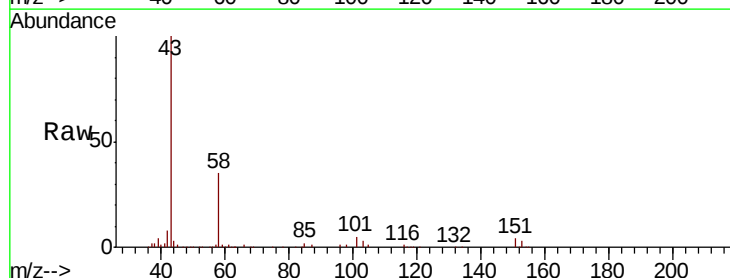
Acq: 14 Oct 2019 19:03

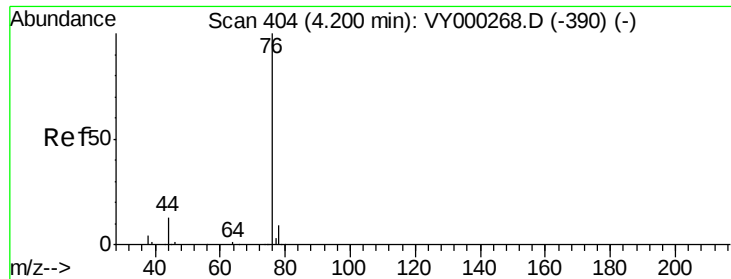
Tgt Ion: 43 Resp: 232780

Ion Ratio Lower Upper

43 100

58 35.2 25.8 38.6

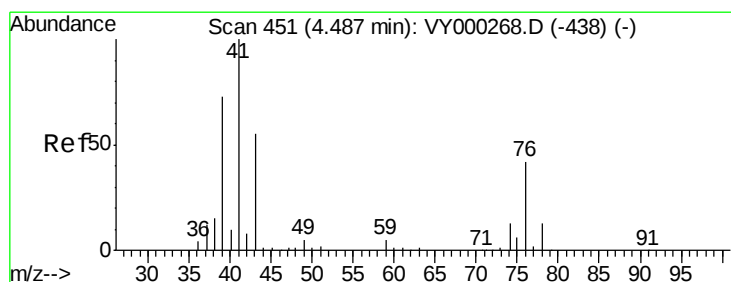
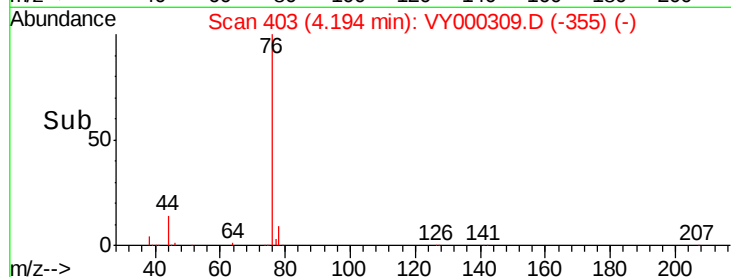
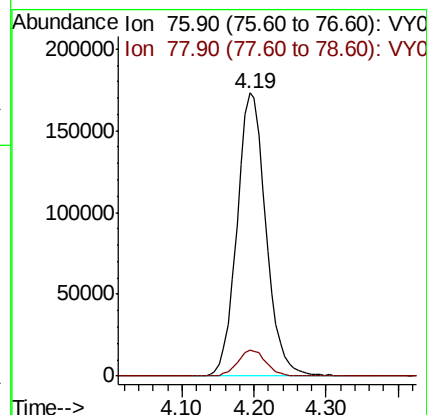
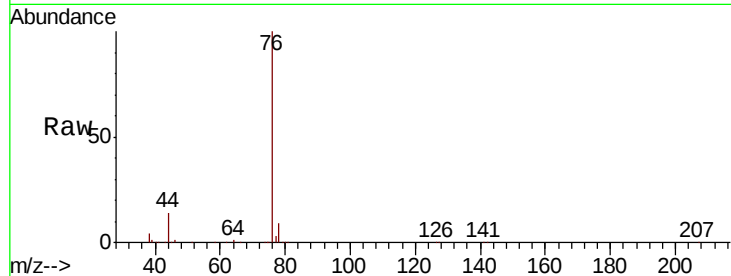




#17
Carbon Disulfide
Concen: 46.309 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

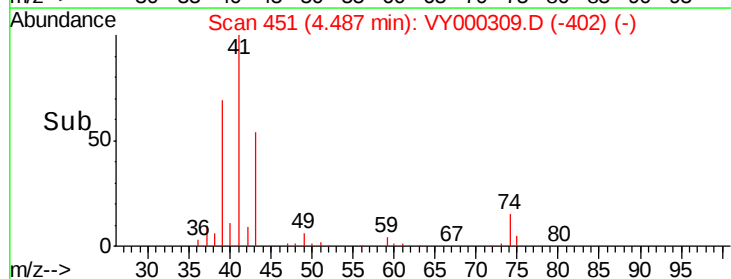
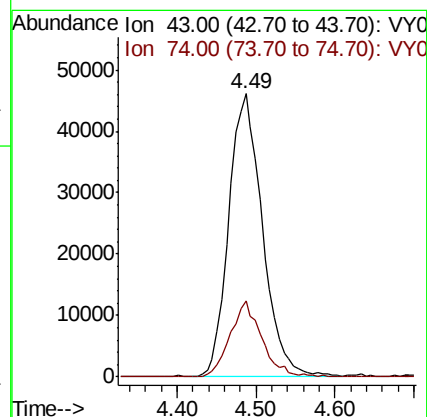
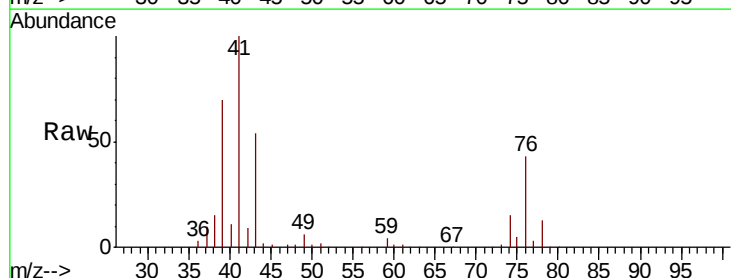
Instrument :
MSVOA_Y
ClientSampleId :

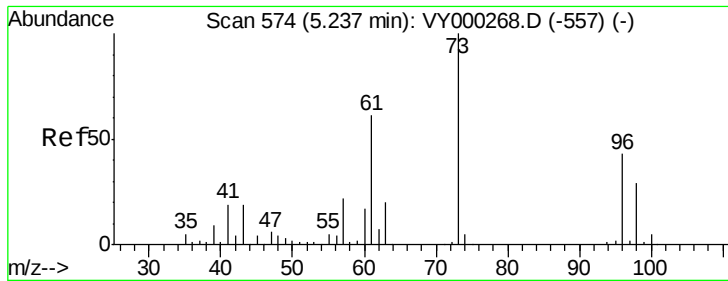
Tot Ion: 76 Resp: 482035
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 49.424 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Tgt Ion: 43 Resp: 137311
Ion Ratio Lower Upper
43 100
74 25.2 20.4 30.6

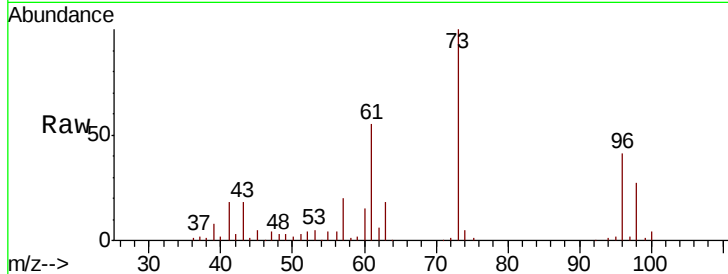




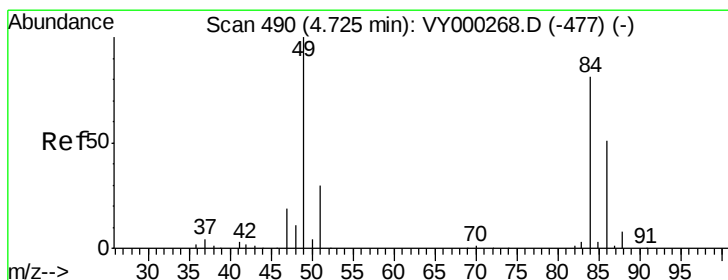
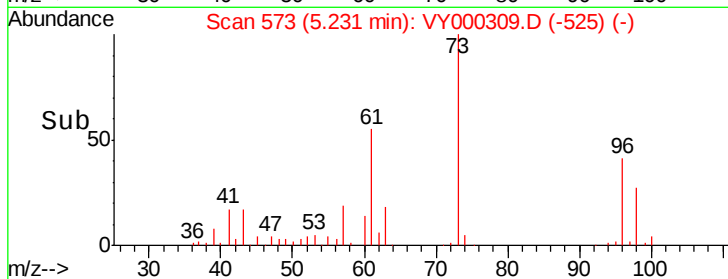
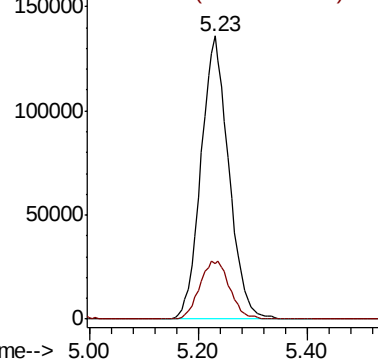
#19
Methyl tert-butyl Ether
Concen: 52.608 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 73 Resp: 484163
Ion Ratio Lower Upper
73 100
57 19.6 17.4 26.0

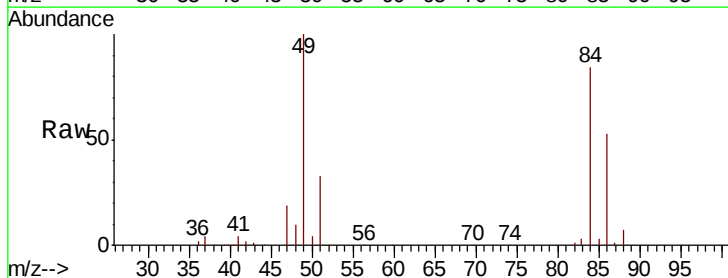


Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

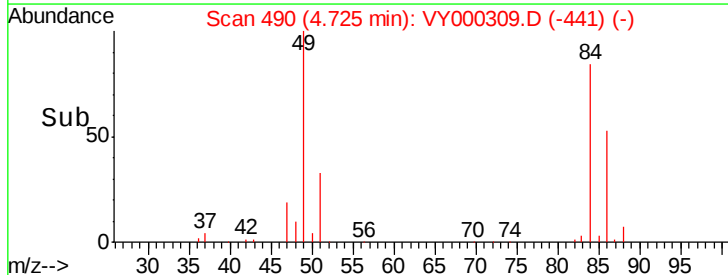
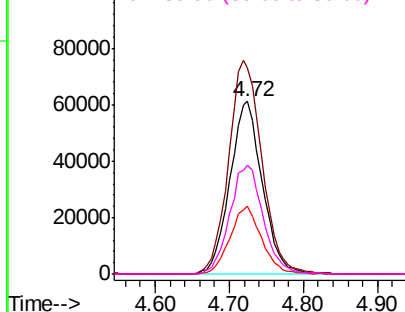


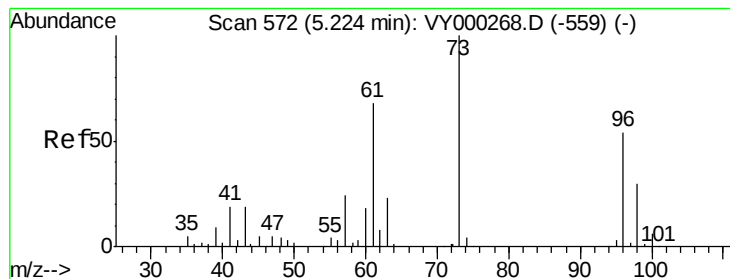
#20
Methylene Chloride
Concen: 49.559 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Tgt Ion: 84 Resp: 186895
Ion Ratio Lower Upper
84 100
49 119.1 99.0 148.4
51 39.3 29.3 43.9
86 63.4 50.2 75.4



Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 47.400 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :
MSVOA_Y
ClientSampled :

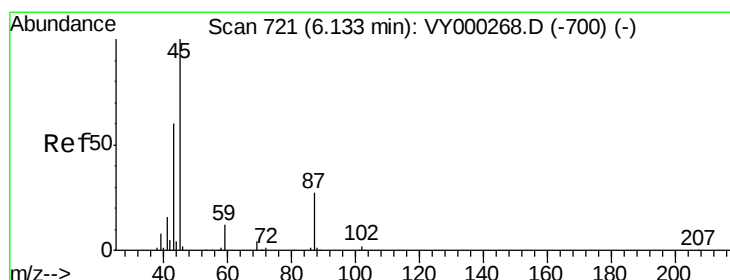
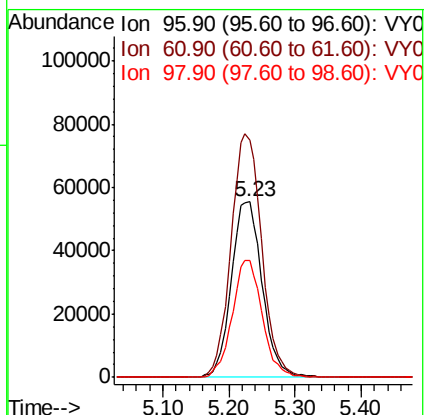
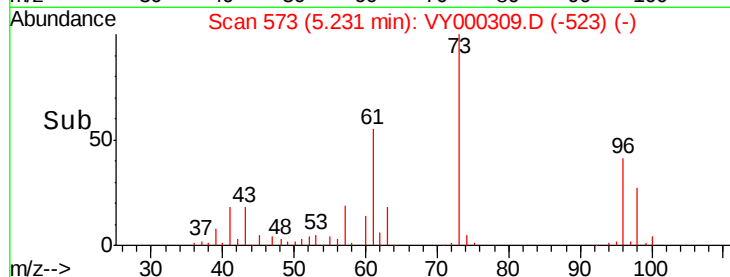
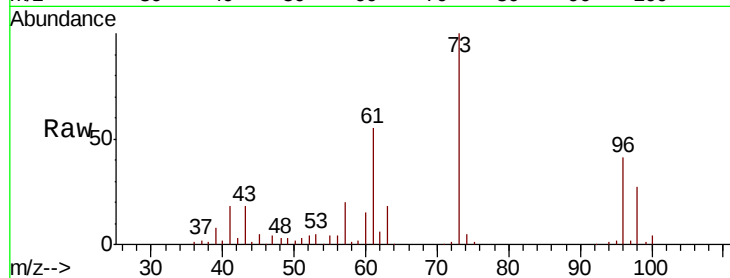
Tot Ion: 96 Resp: 179788

Ion Ratio Lower Upper

96 100

61 135.2 100.4 150.6

98 66.8 44.6 66.8



#22

Diisopropyl ether

Concen: 53.362 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Tgt Ion: 45 Resp: 618324

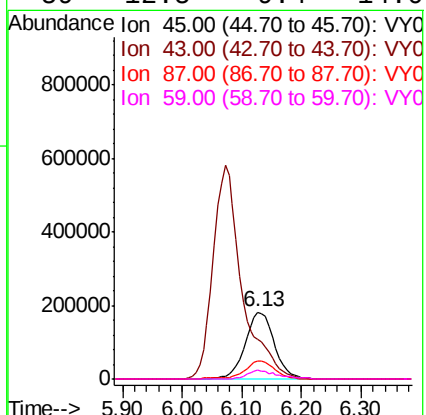
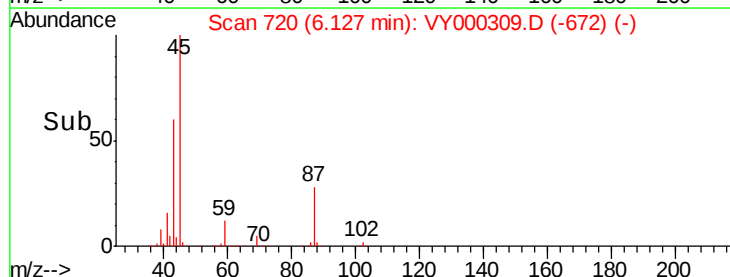
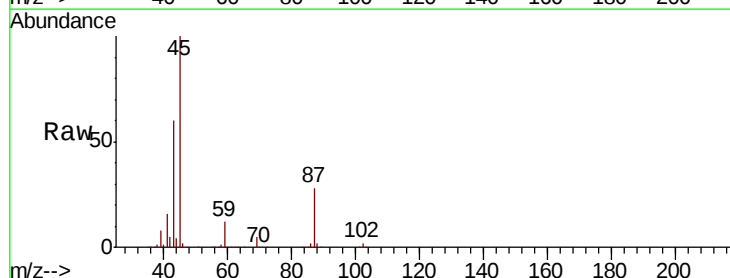
Ion Ratio Lower Upper

45 100

43 59.4 48.5 72.7

87 27.6 21.5 32.3

59 12.5 9.4 14.0





#23

Vinyl Acetate

Concen: 258.296 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

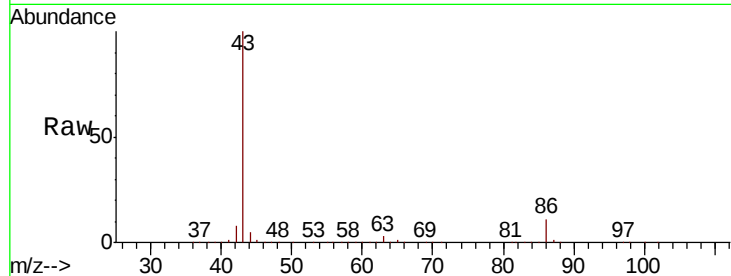
Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :
MSVOA_Y
ClientSampleId :

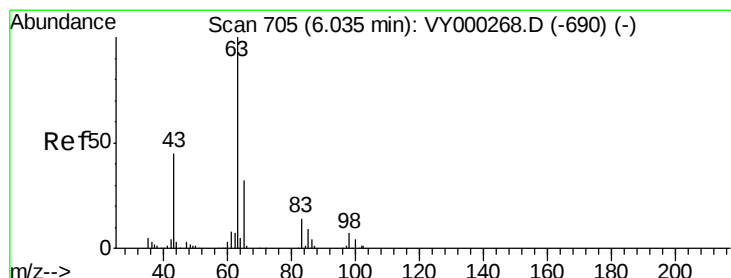
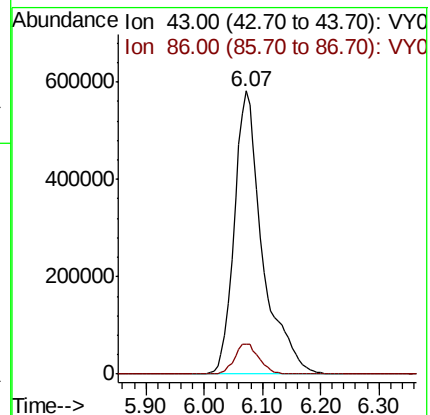
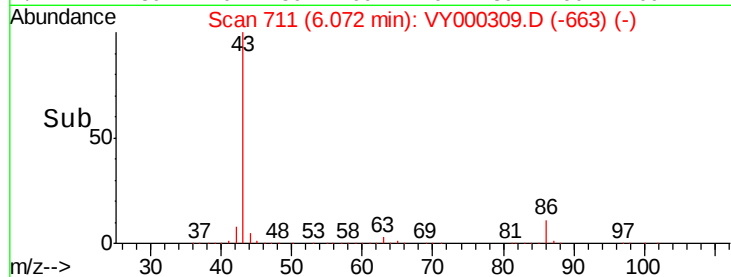
Tot Ion: 43 Resp: 1952579

Ion	Ratio	Lower	Upper
43	100		
86	10.6	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: 50.658 ug/l

RT: 6.03 min Scan# 704

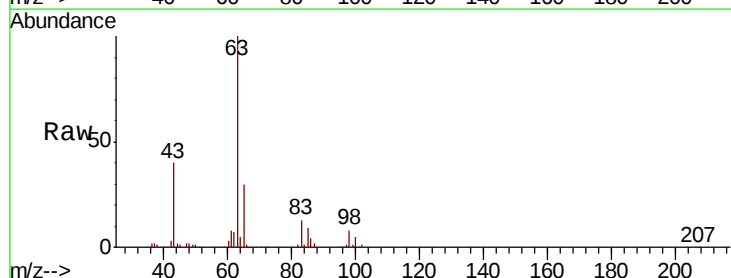
Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

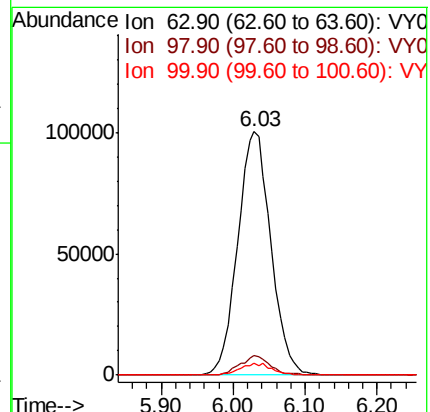
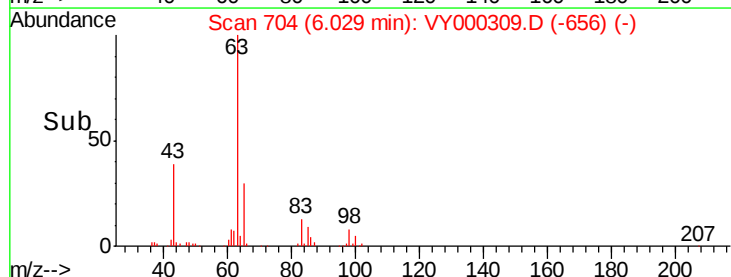
Tgt Ion: 63 Resp: 320404

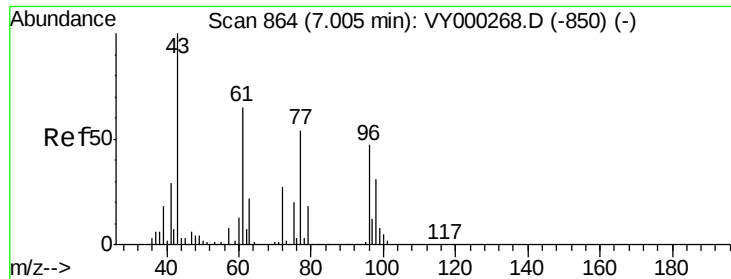
Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.5	10.4
100	4.8	2.1	6.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#25

2-Butanone

Concen: 238.875 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

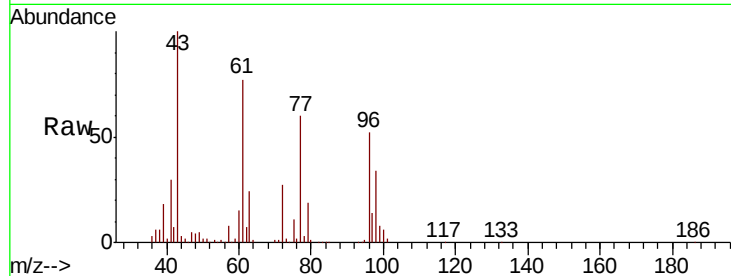
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 376268

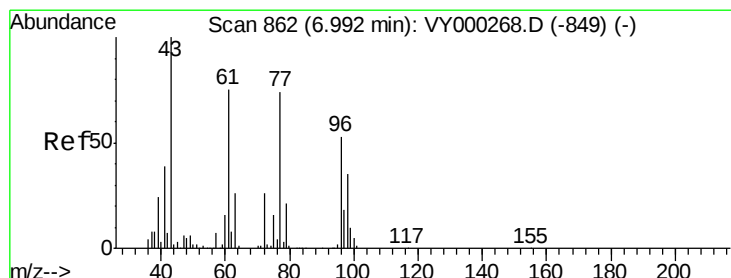
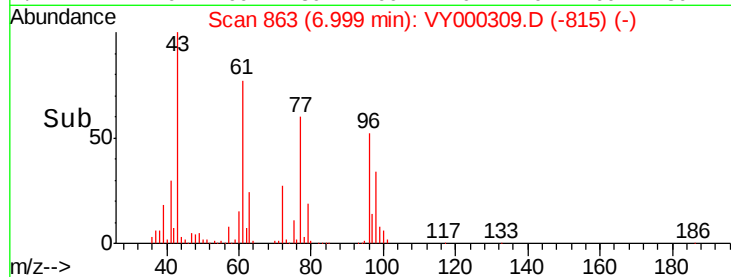
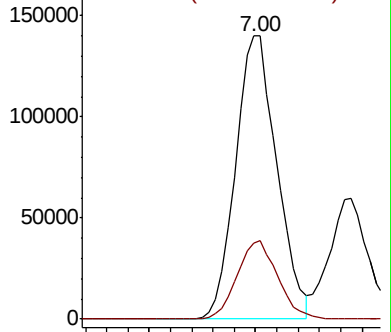
Ion Ratio Lower Upper

43 100

72 26.7 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 46.539 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000309.D

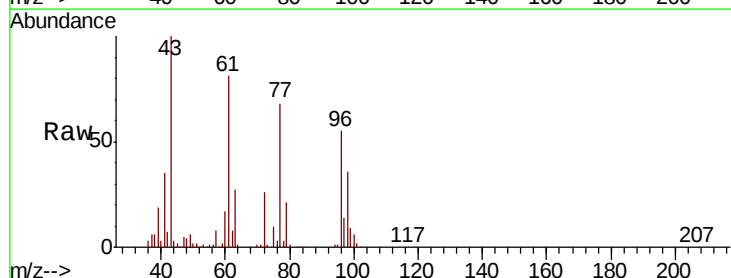
Acq: 14 Oct 2019 19:03

Tgt Ion: 77 Resp: 271236

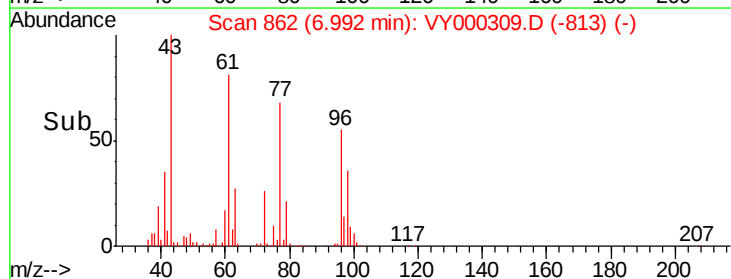
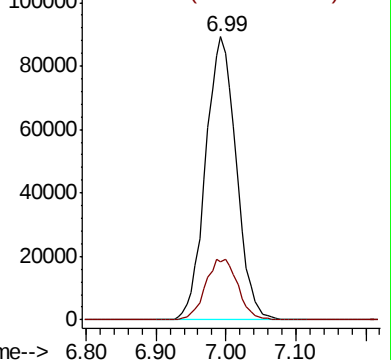
Ion Ratio Lower Upper

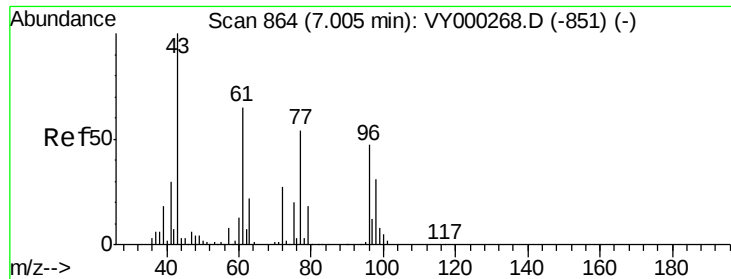
77 100

97 22.5 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



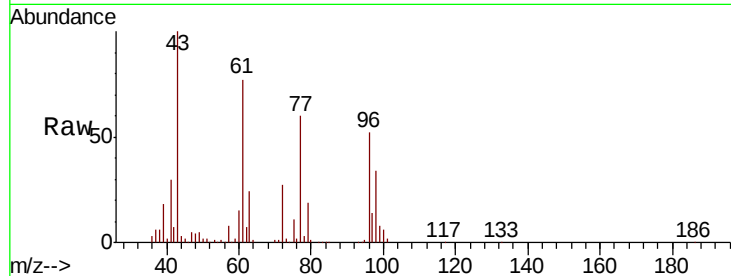


#27

cis-1,2-Dichloroethene
 Concen: 50.593 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY000309.D
 Acq: 14 Oct 2019 19:03

Instrument :
 MSVOA_Y
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	289.8
98	64.7	0.0	131.8

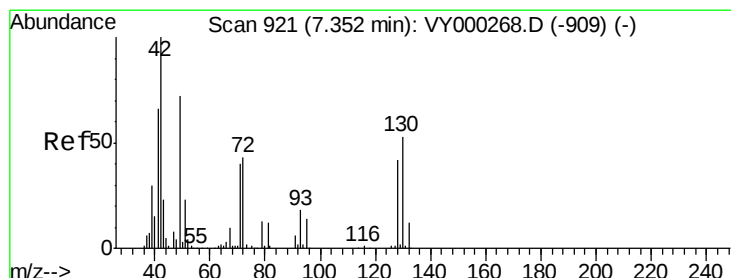
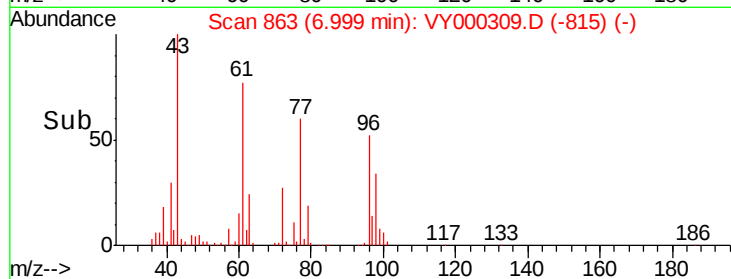
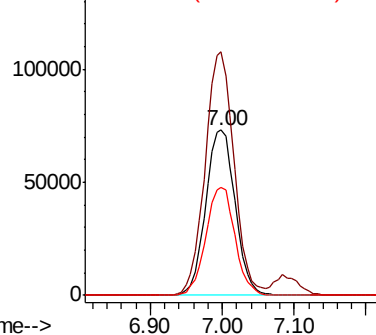


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

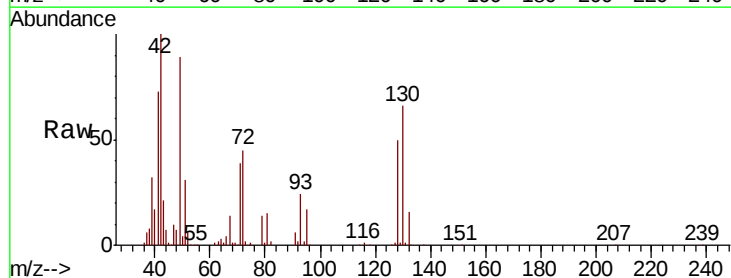
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
 Concen: 53.648 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY000309.D
 Acq: 14 Oct 2019 19:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	72.0	58.2	87.2

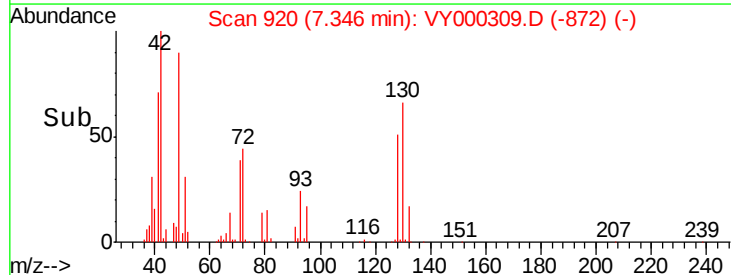
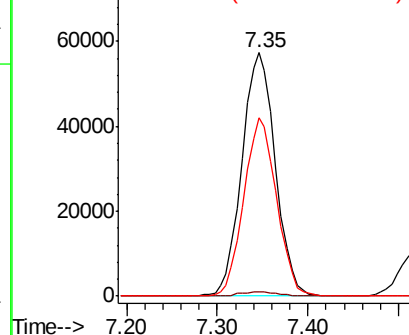


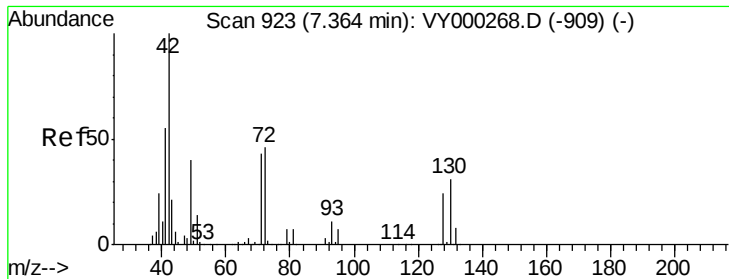
Abundance

Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

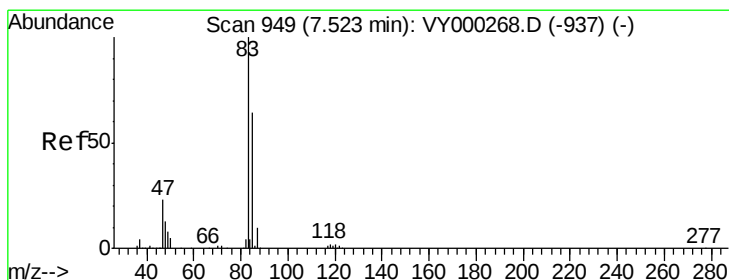
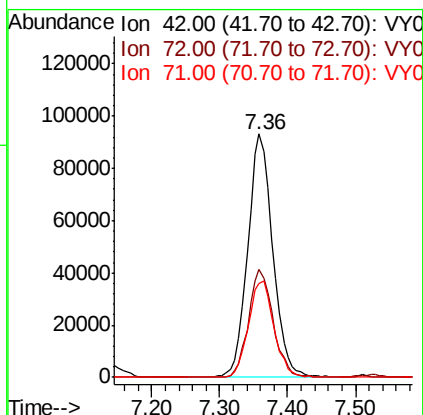
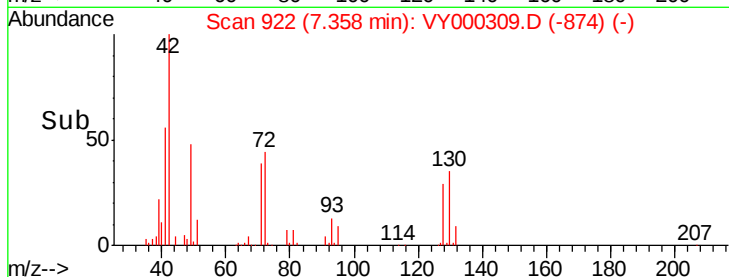
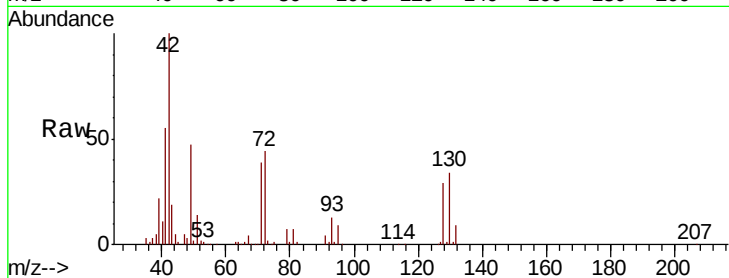




#29
Tetrahydrofuran
Concen: 250.320 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

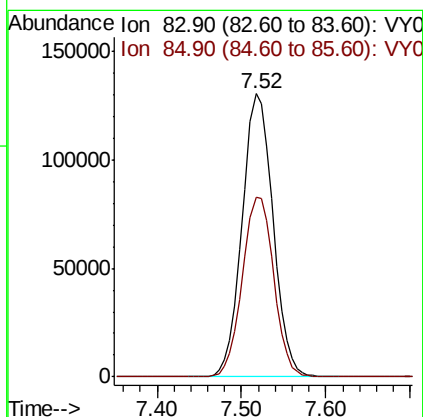
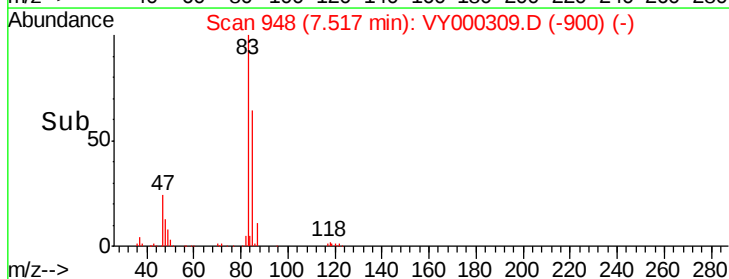
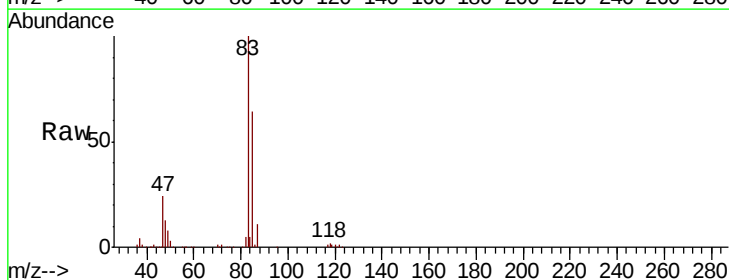
Instrument :
MSVOA_Y
ClientSampleId :

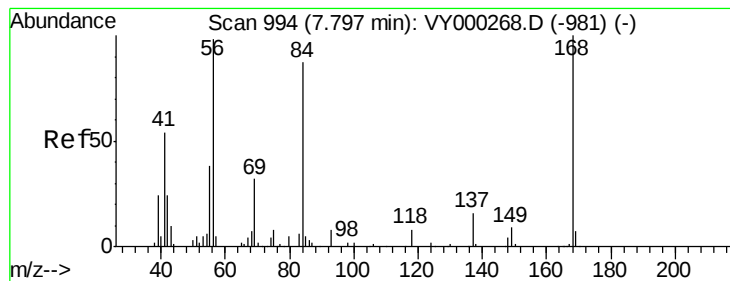
Tot Ion: 42 Resp: 238958
Ion Ratio Lower Upper
42 100
72 43.6 34.5 51.7
71 40.3 32.7 49.1



#30
Chloroform
Concen: 50.678 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Tgt Ion: 83 Resp: 322799
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.2





#31

Cyclohexane

Concen: 47.011 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :
MSVOA_Y
ClientSampleId :

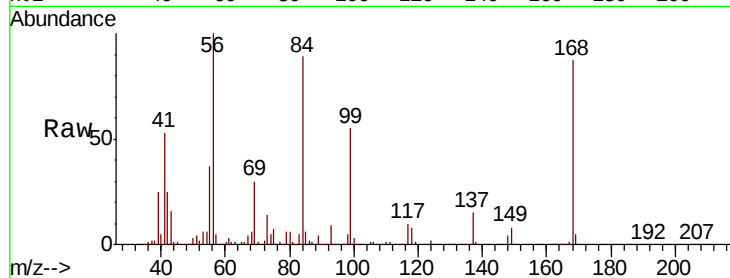
Tot Ion: 56 Resp: 310555

Ion Ratio Lower Upper

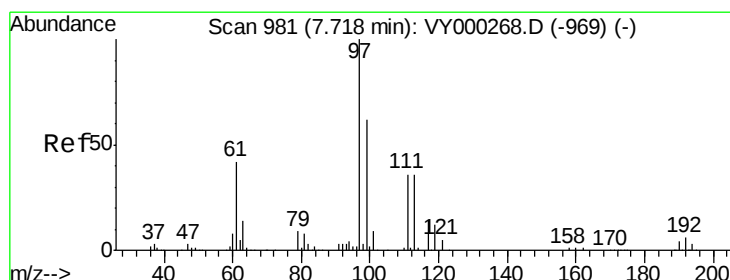
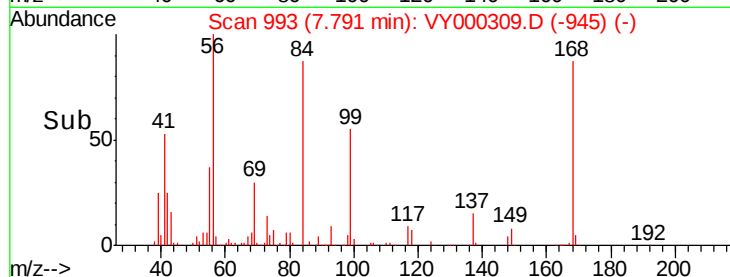
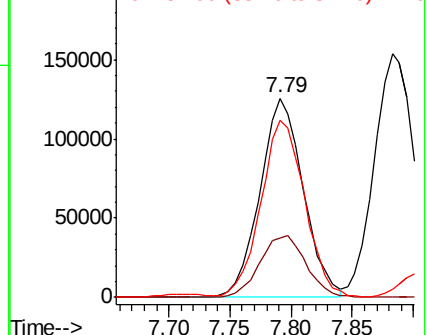
56 100

69 29.8 26.3 39.5

84 87.4 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: 49.135 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

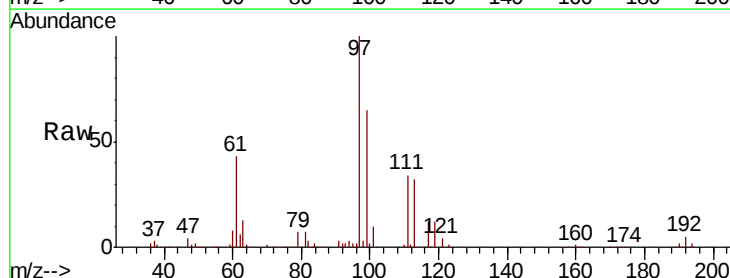
Tgt Ion: 97 Resp: 278242

Ion Ratio Lower Upper

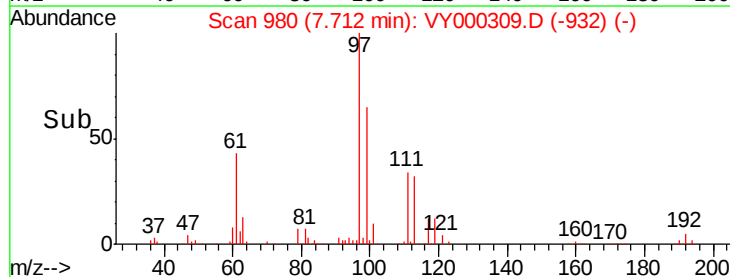
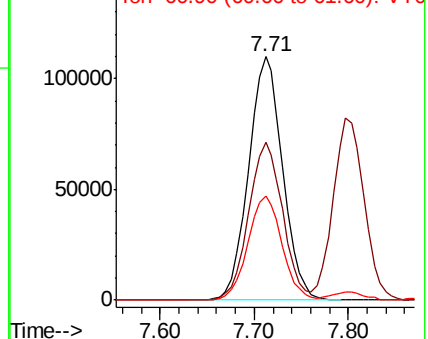
97 100

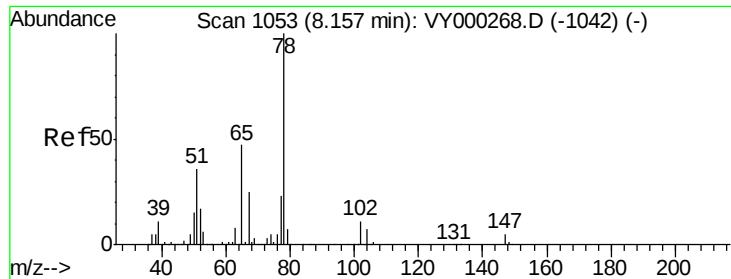
99 64.8 51.7 77.5

61 42.6 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

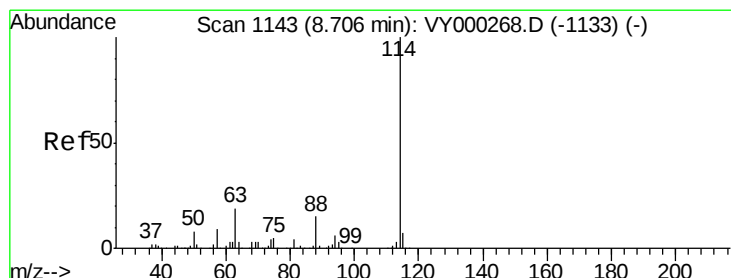
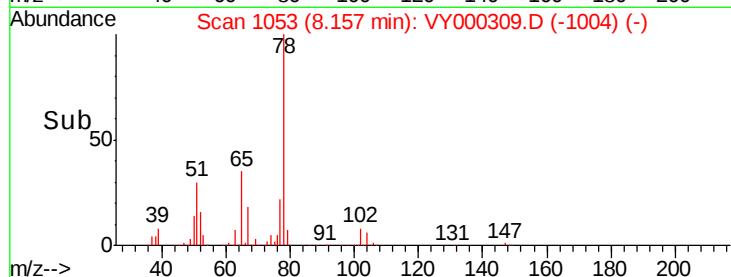
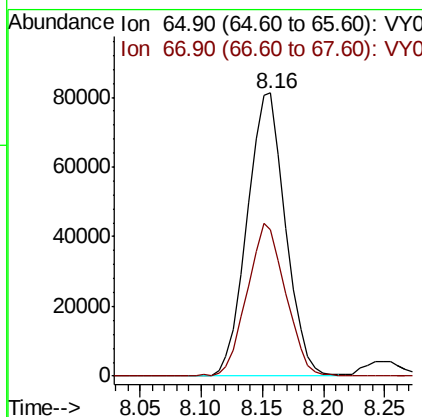
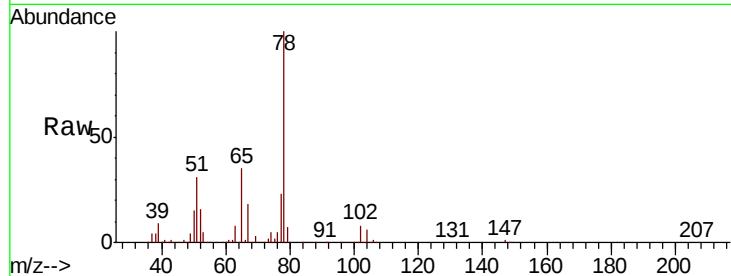




#33
 1,2-Dichloroethane-d4
 Concen: 51.265 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY000309.D
 Acq: 14 Oct 2019 19:03

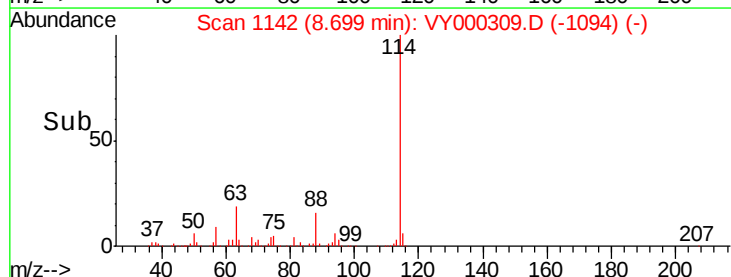
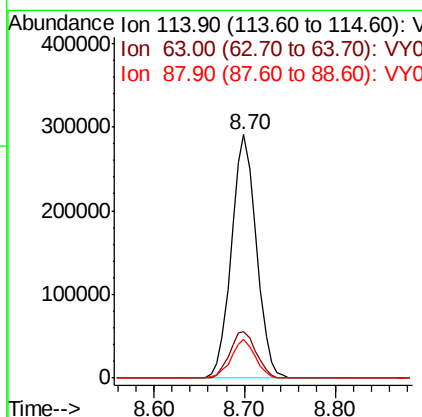
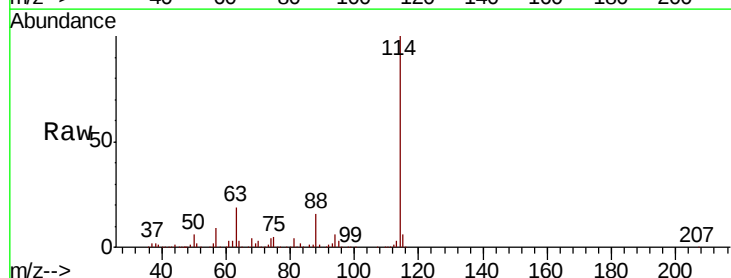
Instrument :
 MSVOA_Y
 ClientSampleId :

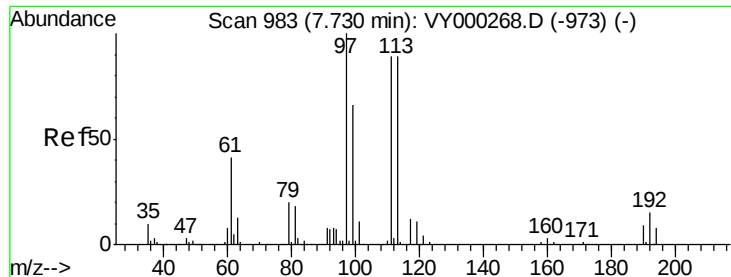
Tot Ion: 65 Resp: 177011
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000309.D
 Acq: 14 Oct 2019 19:03

Tgt Ion: 114 Resp: 558532
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.2
 88 15.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.989 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :
MSVOA_Y
ClientSampled :

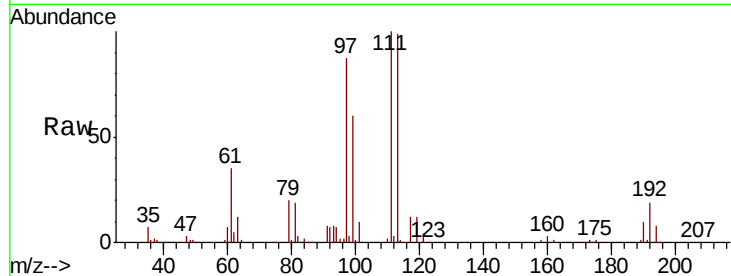
Tot Ion:113 Resp: 161682

Ion Ratio Lower Upper

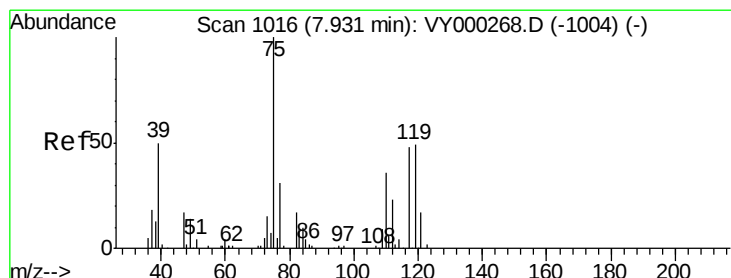
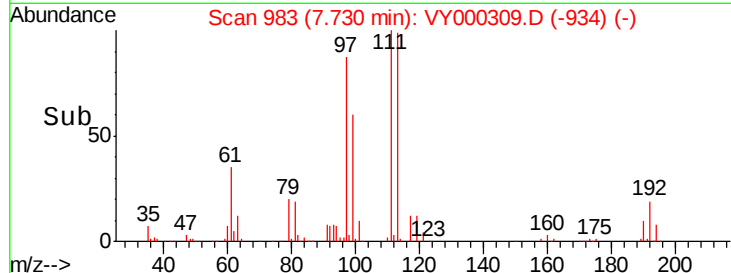
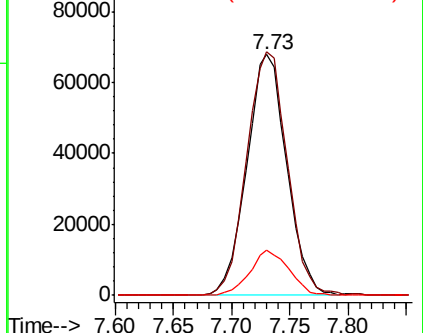
113 100

111 103.0 81.6 122.4

192 18.3 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: 45.577 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

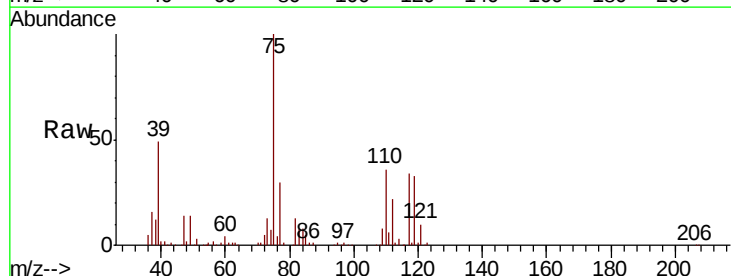
Tgt Ion: 75 Resp: 249234

Ion Ratio Lower Upper

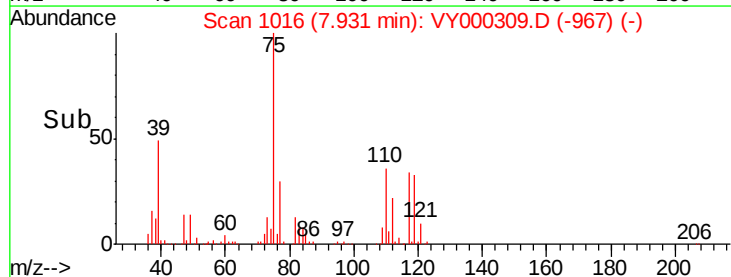
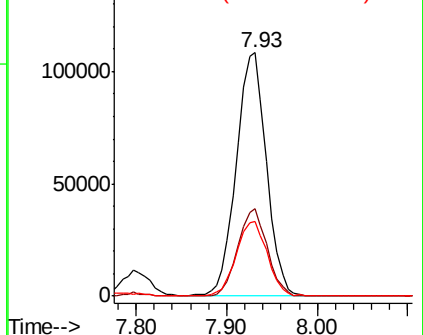
75 100

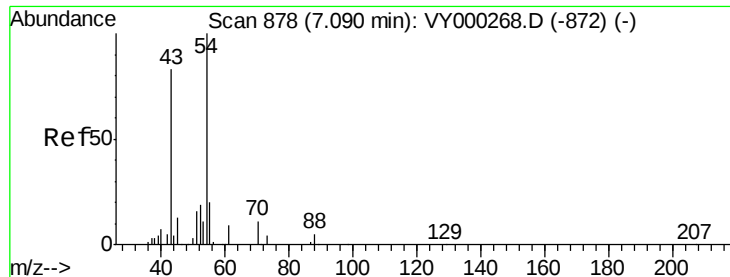
110 35.2 18.4 55.4

77 31.8 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

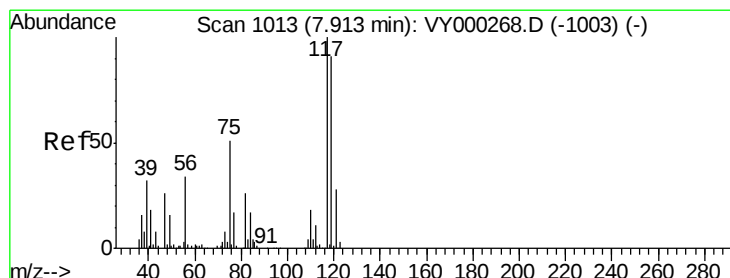
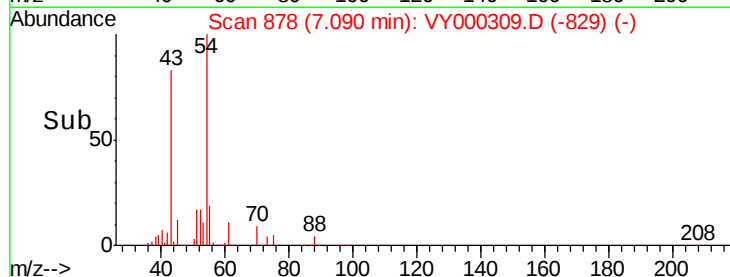
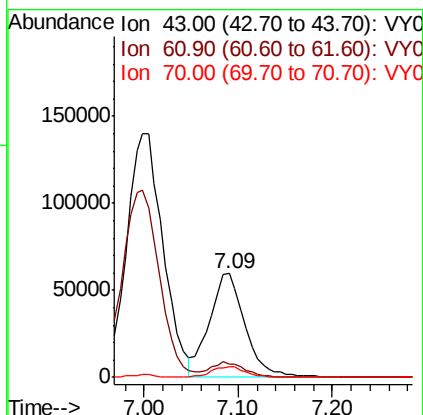
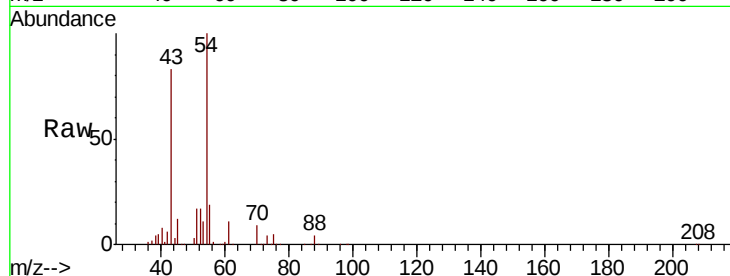




#37
Ethyl Acetate
Concen: 48.566 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

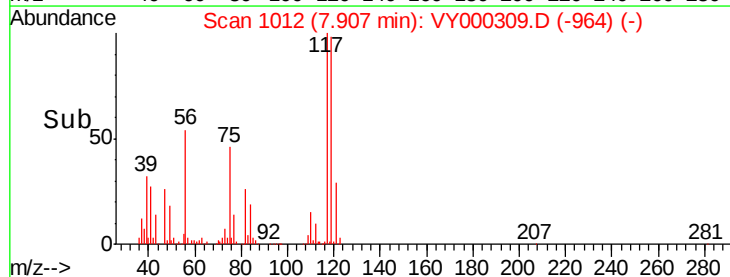
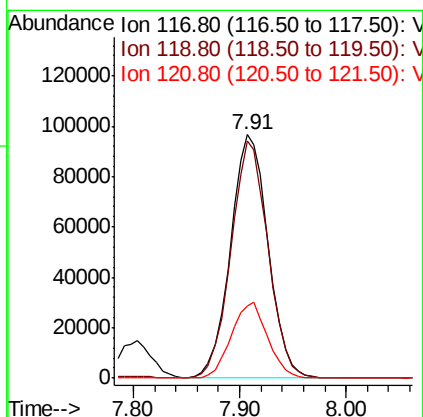
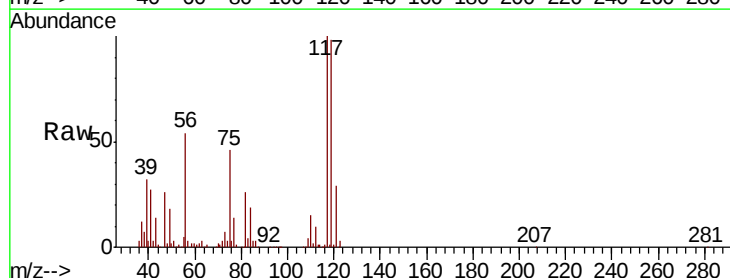
Instrument :
MSVOA_Y
ClientSampleId :

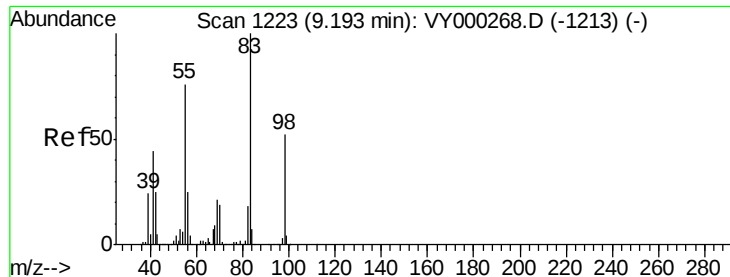
Tot Ion: 43 Resp: 157255
Ion Ratio Lower Upper
43 100
61 13.7 12.1 18.1
70 10.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 45.106 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Tgt Ion: 117 Resp: 238822
Ion Ratio Lower Upper
117 100
119 97.5 72.8 109.2
121 29.4 22.2 33.2

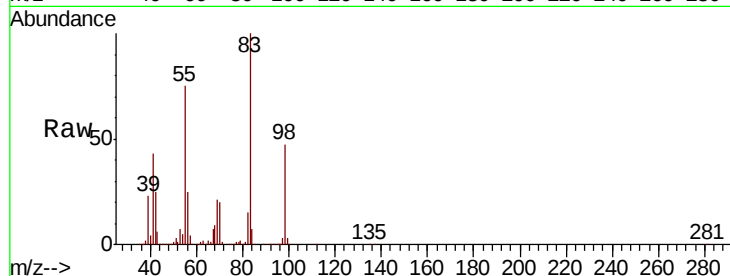




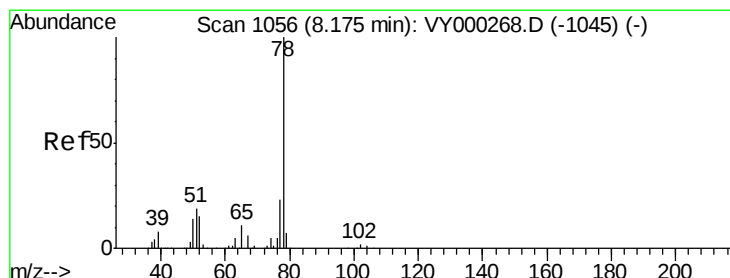
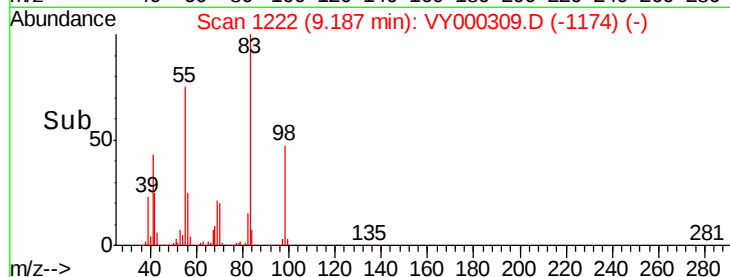
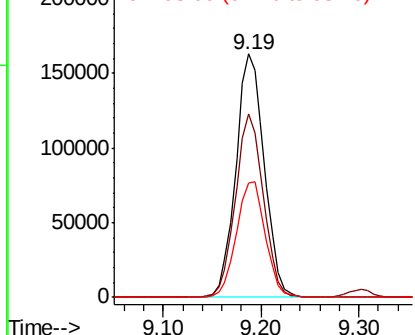
#39
Methvlcvclohexane
Concen: 45.835 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 328041
Ion Ratio Lower Upper
83 100
55 75.2 60.9 91.3
98 47.2 41.8 62.6

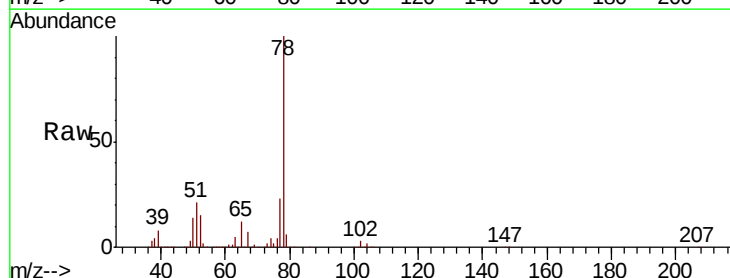


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

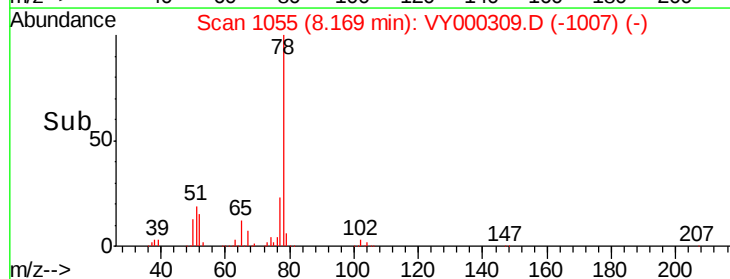
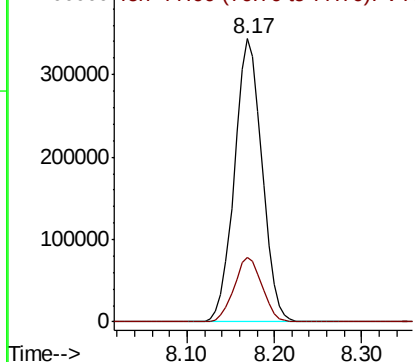


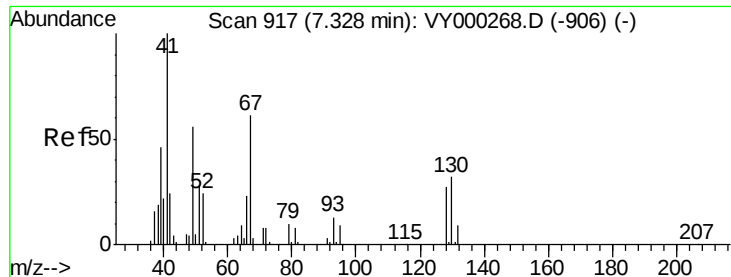
#40
Benzene
Concen: 47.607 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Tgt Ion: 78 Resp: 752337
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2



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

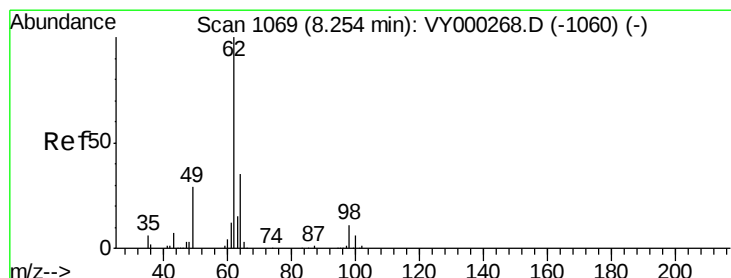
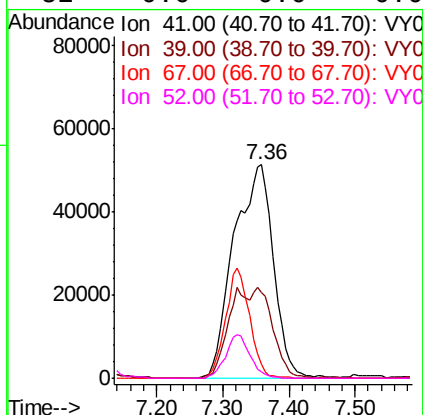
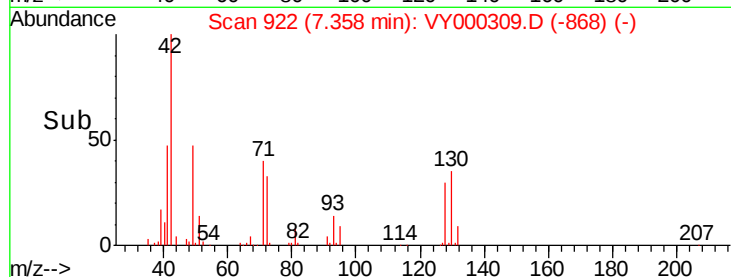
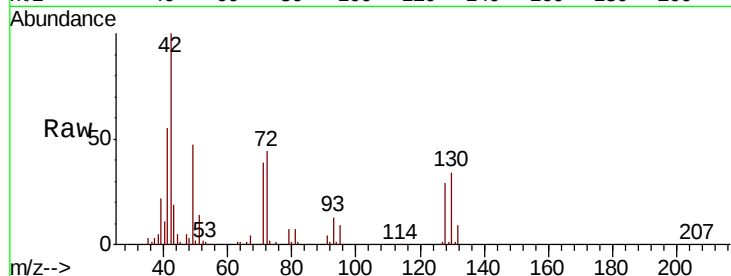




#41
Methacrylonitrile
Concen: 137.997 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

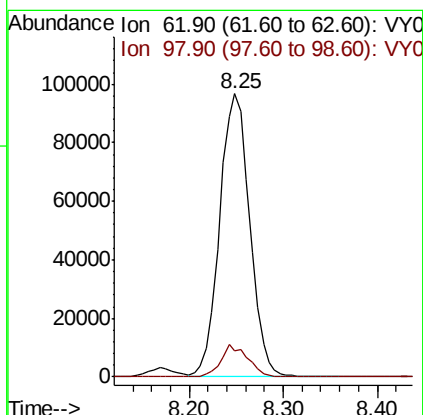
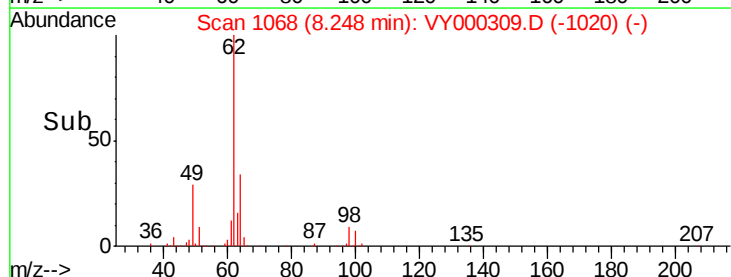
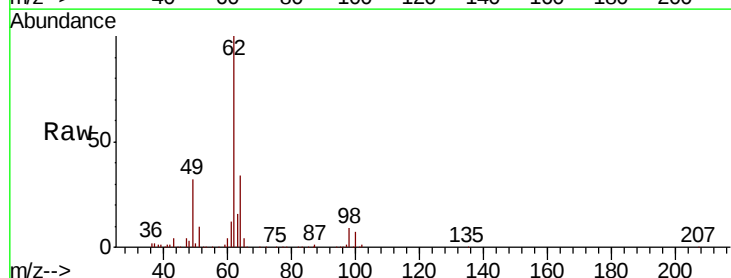
Instrument :
MSVOA_Y
ClientSampleId :

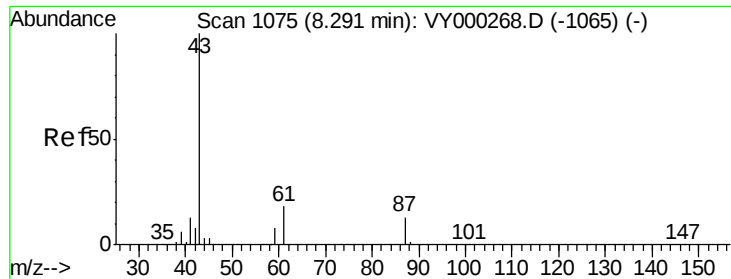
Tot Ion: 41 Resp: 212690
Ion Ratio Lower Upper
41 100
39 0.0 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 47.363 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Tgt Ion: 62 Resp: 213803
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.6





#43

Isopropyl Acetate

Concen: 48.718 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :

MSVOA_Y

ClientSampleId :

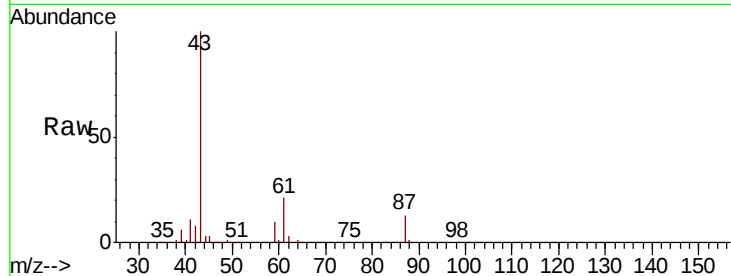
Tot Ion: 43 Resp: 299941

Ion Ratio Lower Upper

43 100

61 29.1 22.3 33.5

87 13.0 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY000309.D (-1074) (-)

Ion 61.00 (60.70 to 61.70): VY000309.D (-1074) (-)

Ion 87.00 (86.70 to 87.70): VY000309.D (-1074) (-)

8.28

150000

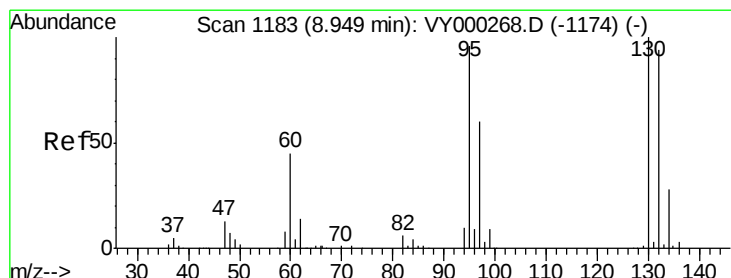
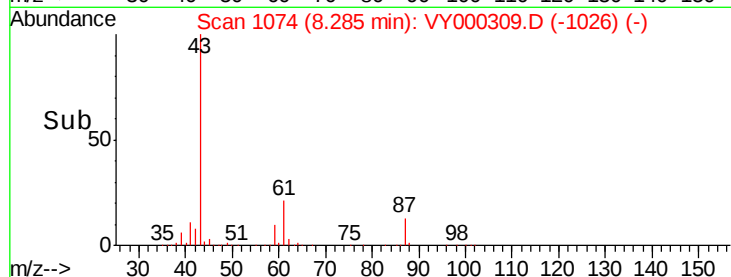
100000

50000

0

8.20 8.30 8.40

Time-->



#44

Trichloroethene

Concen: 45.618 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY000309.D

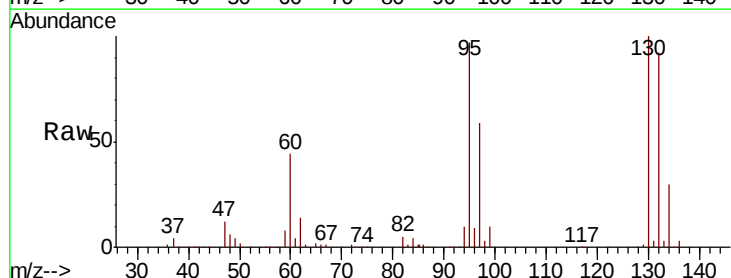
Acq: 14 Oct 2019 19:03

Tgt Ion:130 Resp: 202274

Ion Ratio Lower Upper

130 100

95 96.8 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000309.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY000309.D (-1183) (-)

8.95

120000

100000

80000

60000

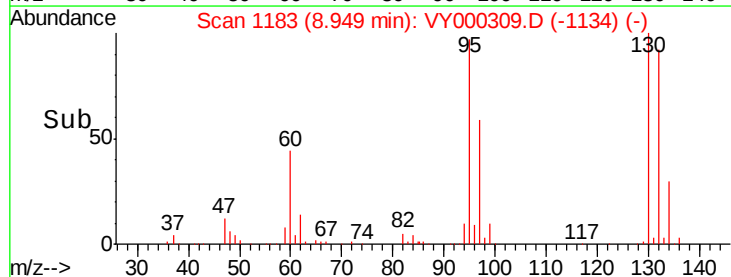
40000

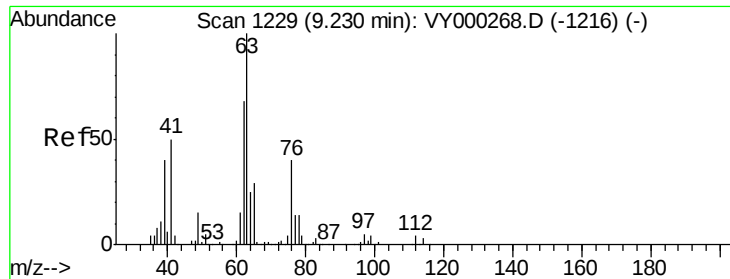
20000

0

8.85 8.90 8.95 9.00 9.05

Time-->

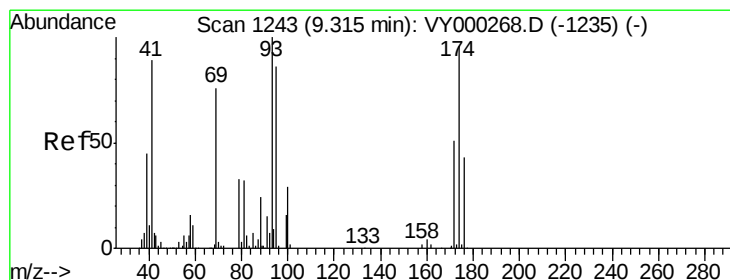
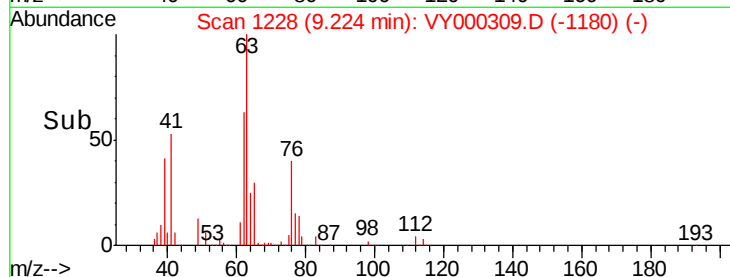
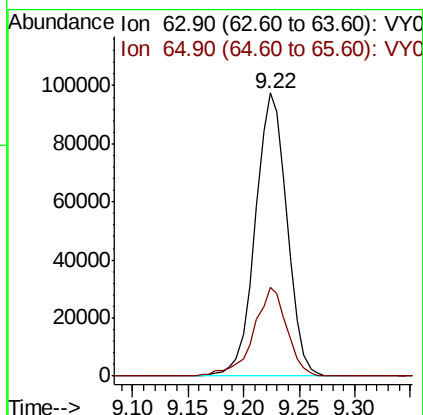
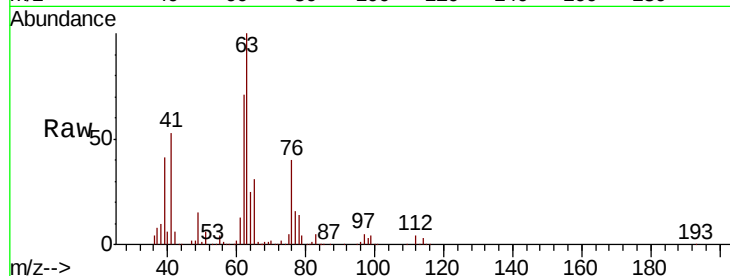




#45
 1,2-Dichloropropane
 Concen: 49.722 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000309.D
 Acq: 14 Oct 2019 19:03

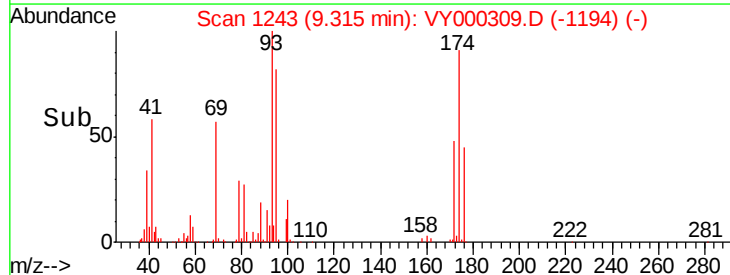
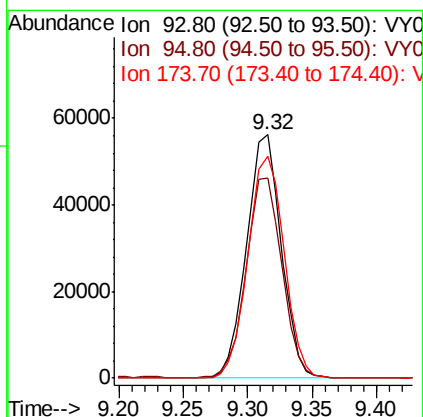
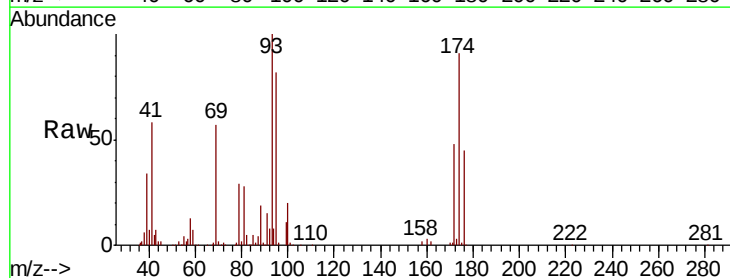
Instrument :
 MSVOA_Y
 ClientSampled :

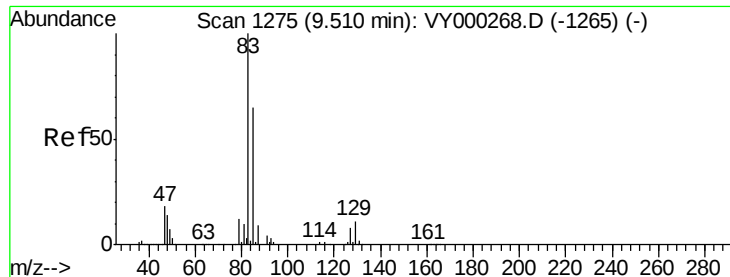
Tot Ion: 63 Resp: 192828
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.2 34.8



#46
 Dibromomethane
 Concen: 48.379 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000309.D
 Acq: 14 Oct 2019 19:03

Tgt Ion: 93 Resp: 104882
 Ion Ratio Lower Upper
 93 100
 95 85.1 68.2 102.2
 174 95.0 79.8 119.6





#47

Bromodichloromethane

Concen: 49.351 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :

MSVOA_Y

ClientSampleId :

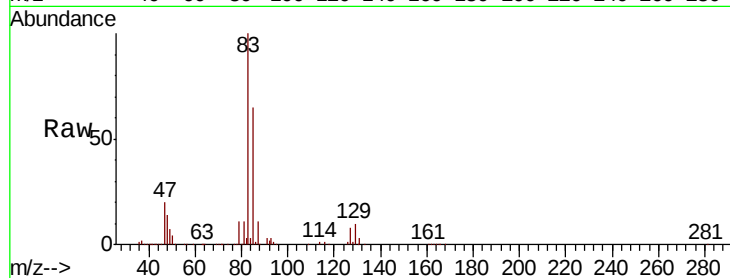
Tot Ion: 83 Resp: 252142

Ion Ratio Lower Upper

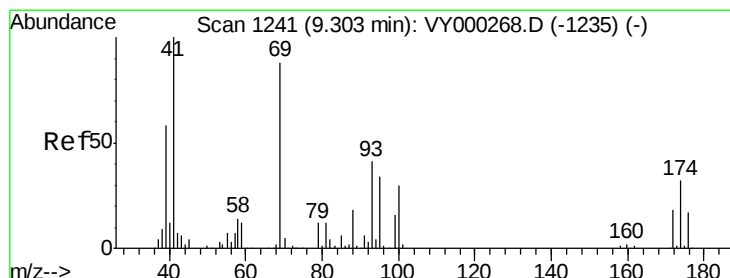
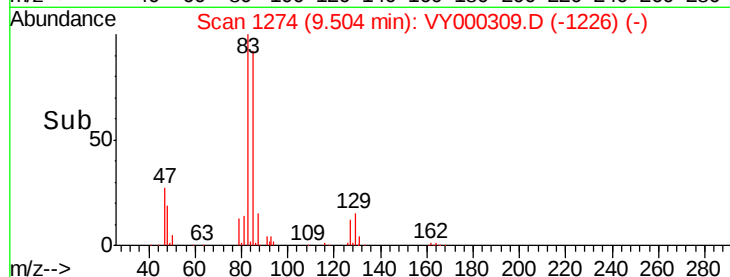
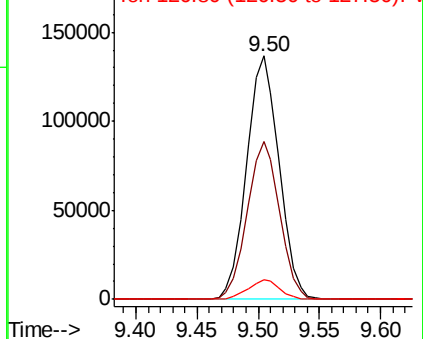
83 100

85 64.8 52.2 78.2

127 8.3 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: 49.352 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

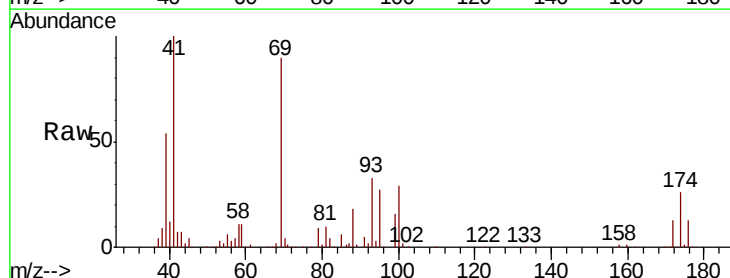
Tgt Ion: 41 Resp: 133160

Ion Ratio Lower Upper

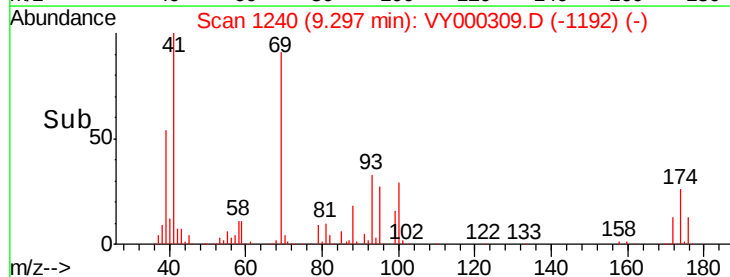
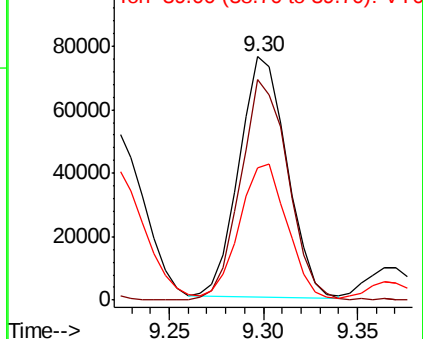
41 100

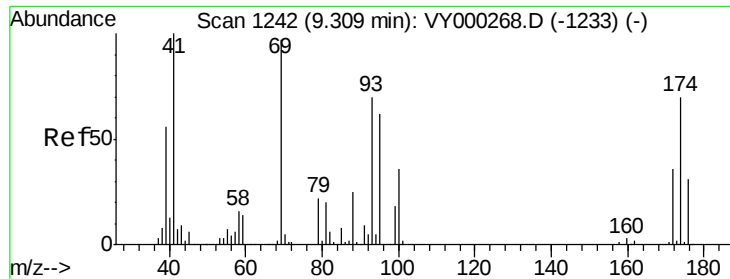
69 91.2 70.0 105.0

39 57.4 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

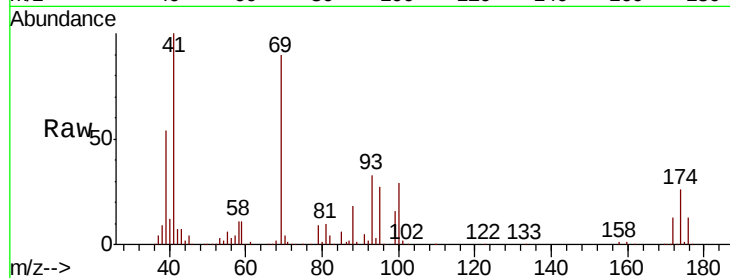




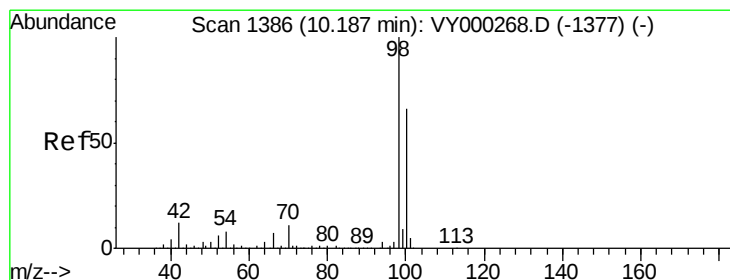
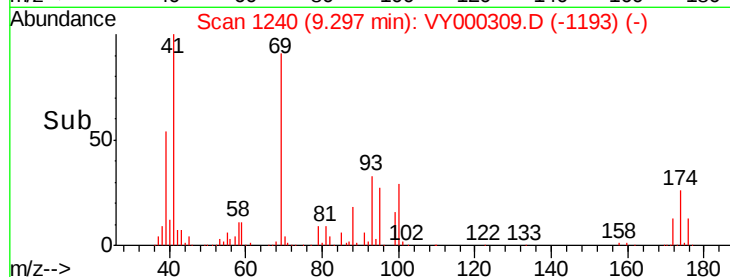
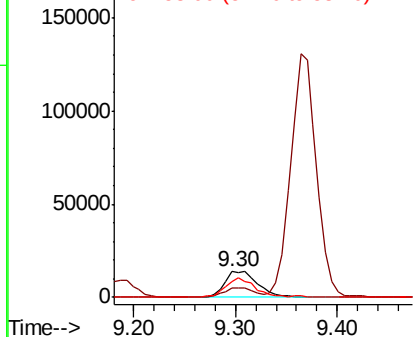
#49
1,4-Dioxane
Concen: 971.958 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 31594
Ion Ratio Lower Upper
88 100
43 33.2 25.6 38.4
58 65.0 54.6 81.8

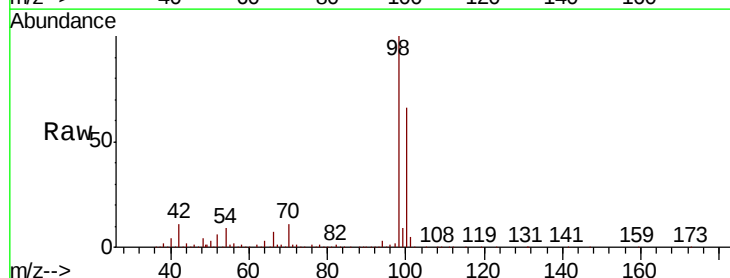


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

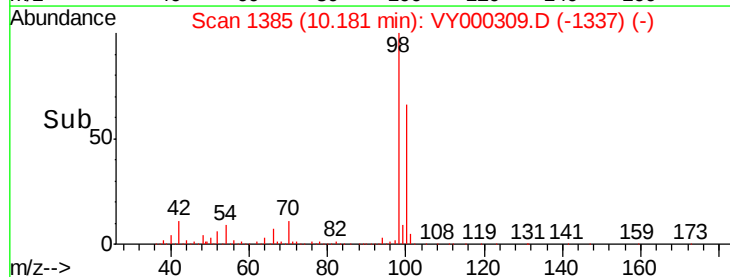
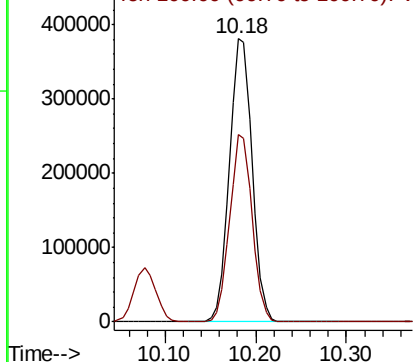


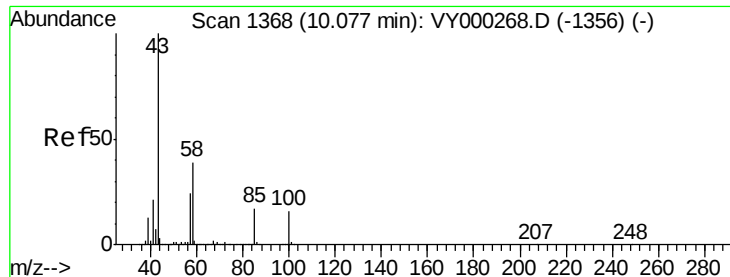
#50
Toluene-d8
Concen: 51.036 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Tgt Ion: 98 Resp: 661433
Ion Ratio Lower Upper
98 100
100 65.3 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: 248.162 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :

MSVOA_Y

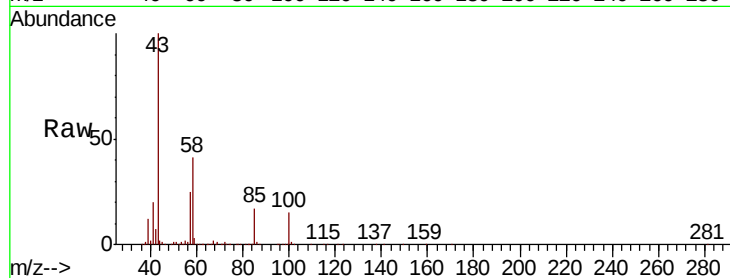
ClientSampleId :

Tot Ion: 43 Resp: 788024

Ion Ratio Lower Upper

43 100

58 40.6 31.0 46.6



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

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

10.08

500000

400000

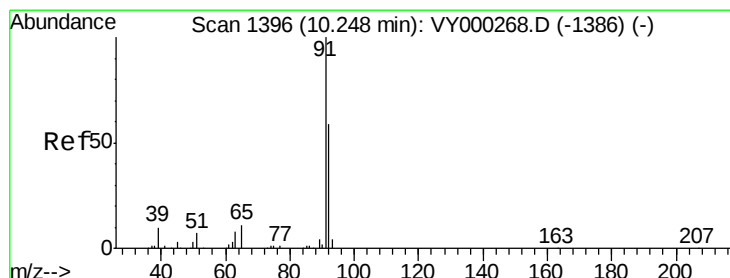
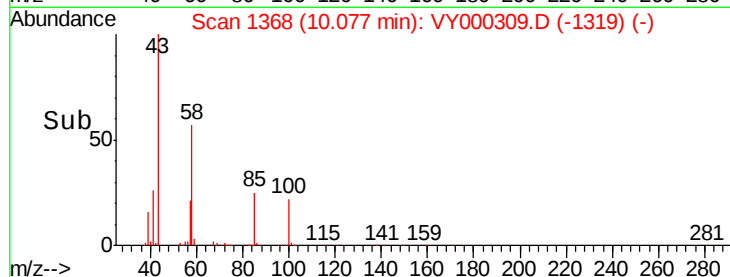
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.387 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000309.D

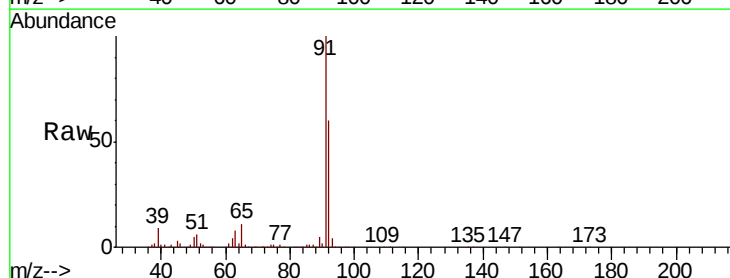
Acq: 14 Oct 2019 19:03

Tgt Ion: 92 Resp: 475449

Ion Ratio Lower Upper

92 100

91 173.3 136.6 205.0



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

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

10.25

500000

400000

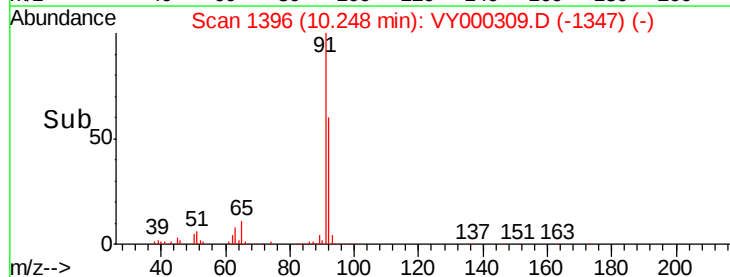
300000

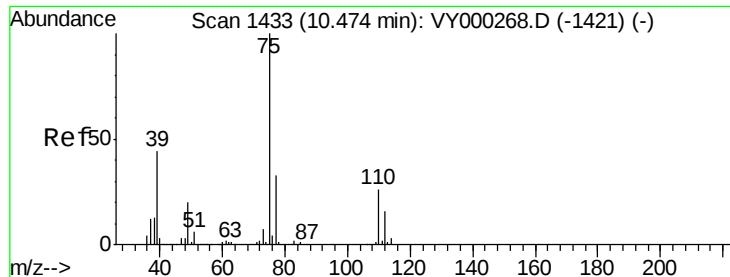
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.084 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :

MSVOA_Y

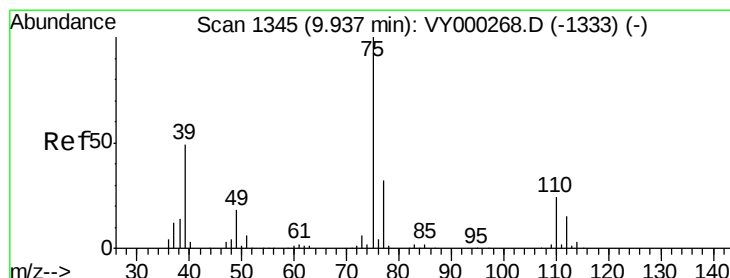
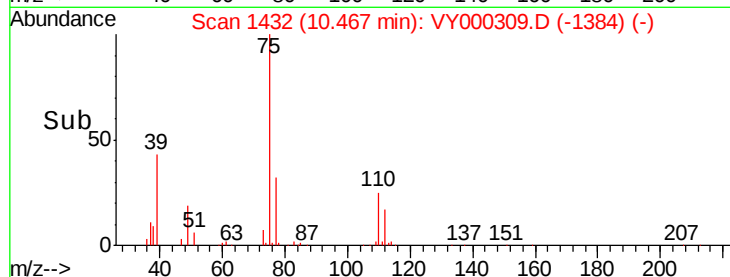
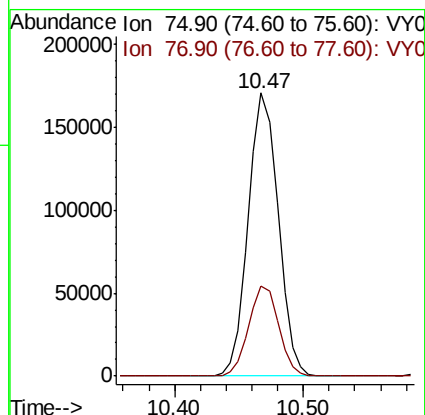
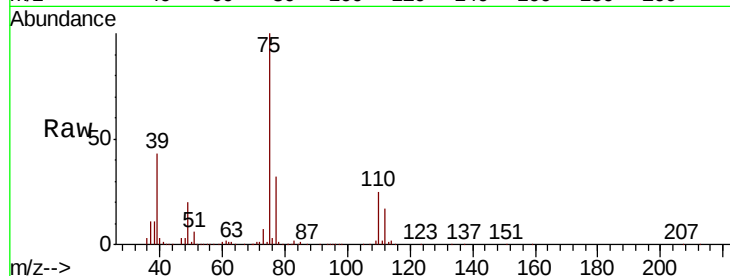
ClientSampleId :

Tot Ion: 75 Resp: 274234

Ion Ratio Lower Upper

75 100

77 32.0 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 50.435 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

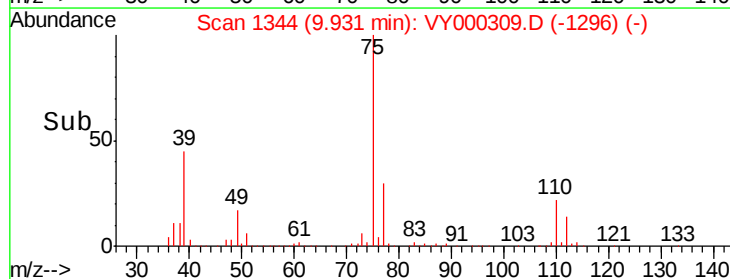
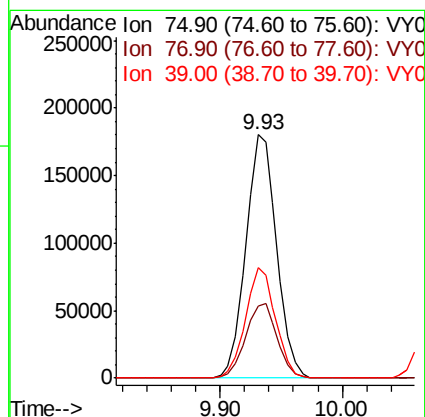
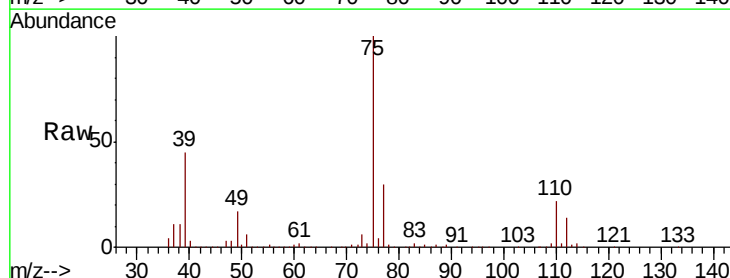
Tgt Ion: 75 Resp: 313616

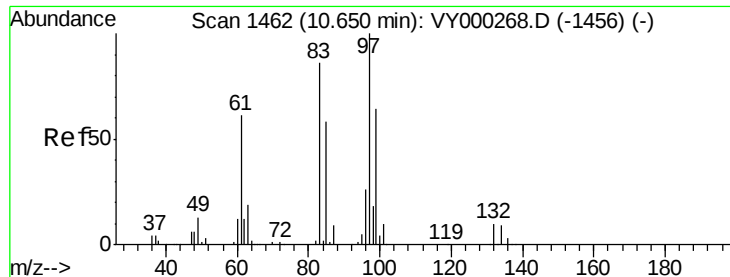
Ion Ratio Lower Upper

75 100

77 29.7 26.0 39.0

39 45.3 38.8 58.2

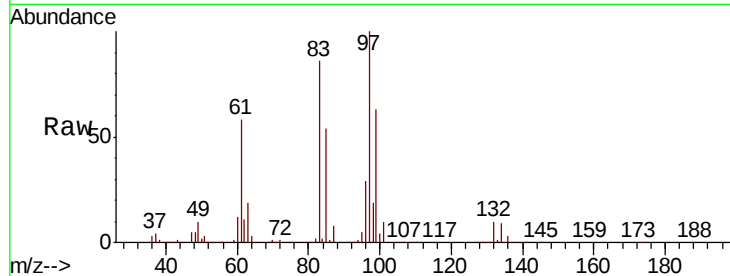




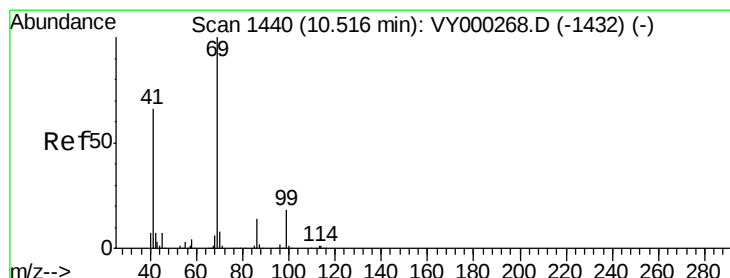
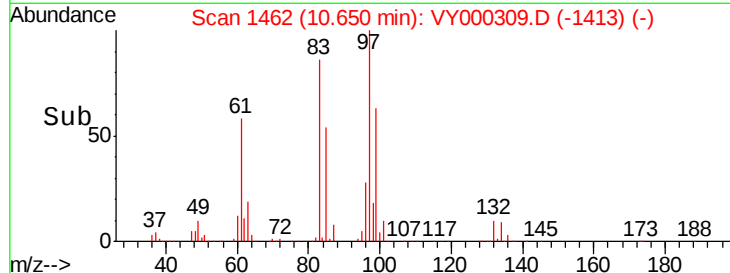
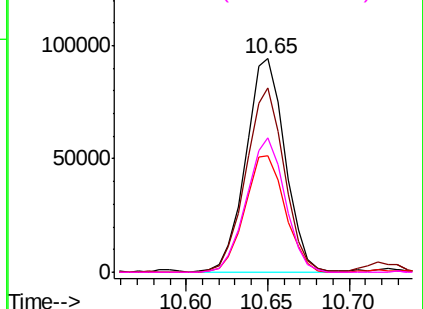
#55
 1,1,2-Trichloroethane
 Concen: 49.895 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000309.D
 Acq: 14 Oct 2019 19:03

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 97 Resp: 157275
 Ion Ratio Lower Upper
 97 100
 83 86.2 69.0 103.6
 85 54.3 46.2 69.4
 99 63.4 51.1 76.7

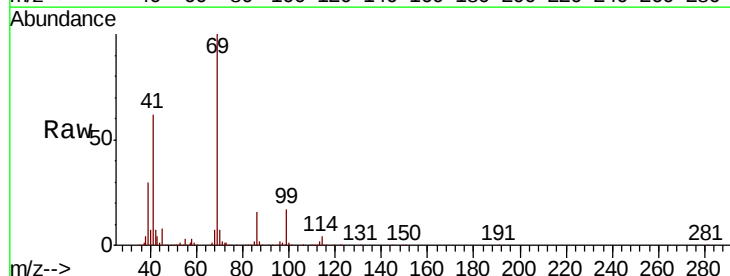


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

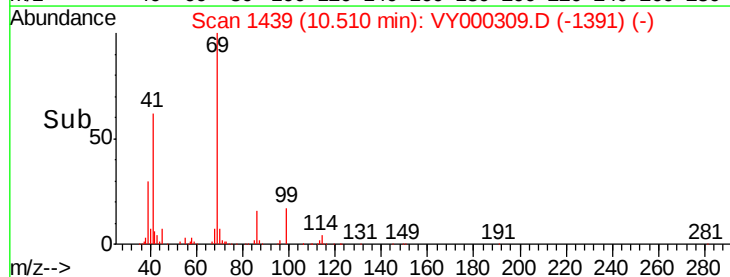
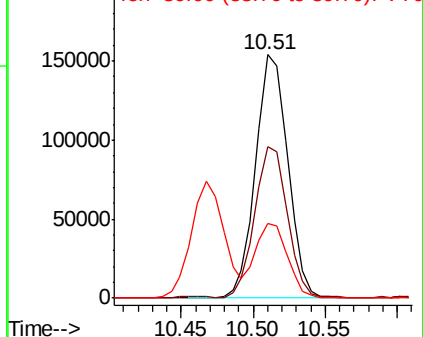


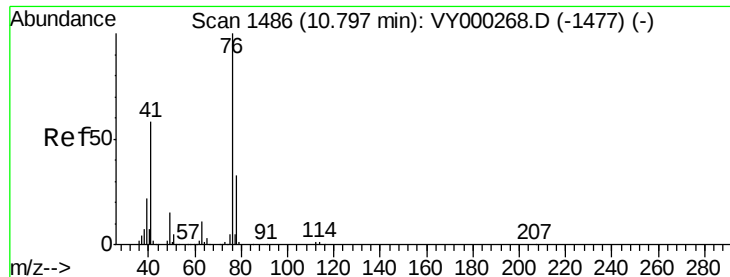
#56
 Ethyl methacrylate
 Concen: 52.964 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000309.D
 Acq: 14 Oct 2019 19:03

Tgt Ion: 69 Resp: 237961
 Ion Ratio Lower Upper
 69 100
 41 62.5 52.5 78.7
 39 30.3 26.7 40.1



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





#57

1,3-Dichloropropane

Concen: 50.313 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :

MSVOA_Y

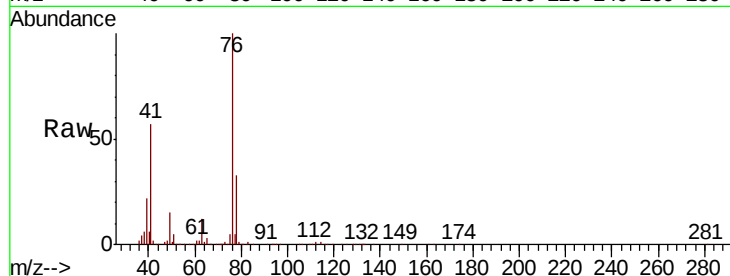
ClientSampleId :

Tot Ion: 76 Resp: 272364

Ion Ratio Lower Upper

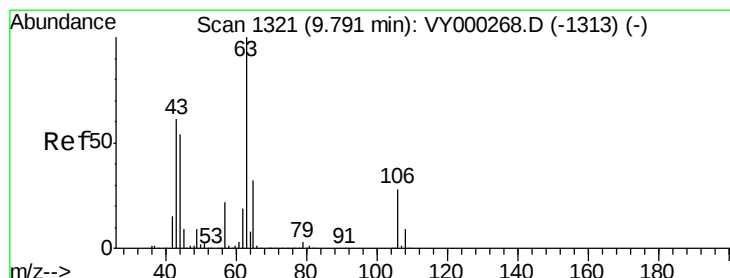
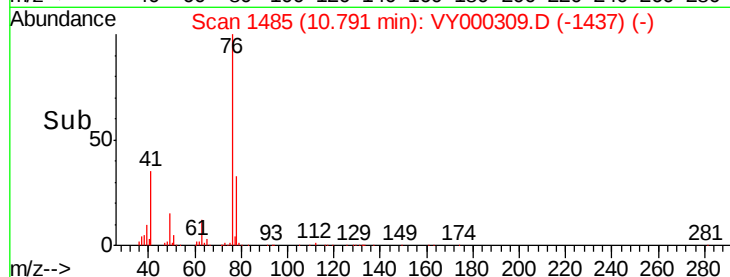
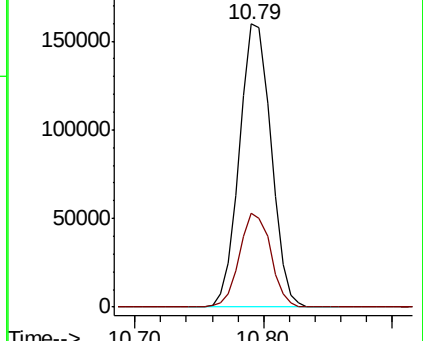
76 100

78 32.8 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 312.717 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000309.D

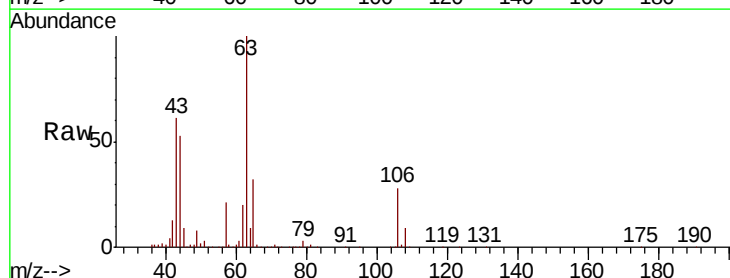
Acq: 14 Oct 2019 19:03

Tgt Ion: 63 Resp: 560411

Ion Ratio Lower Upper

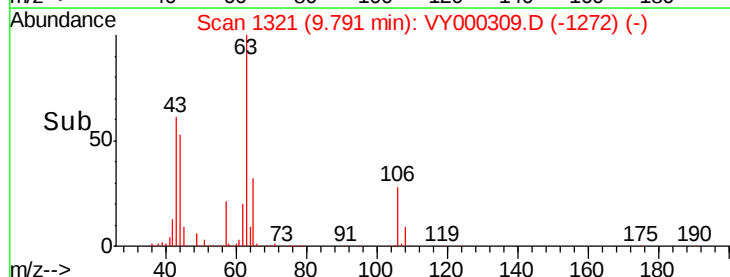
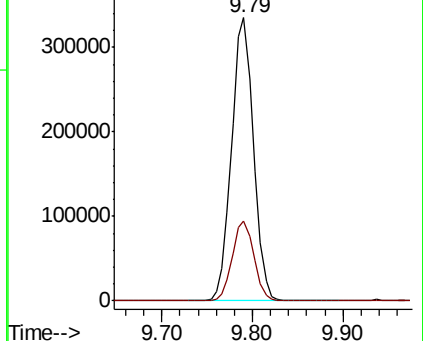
63 100

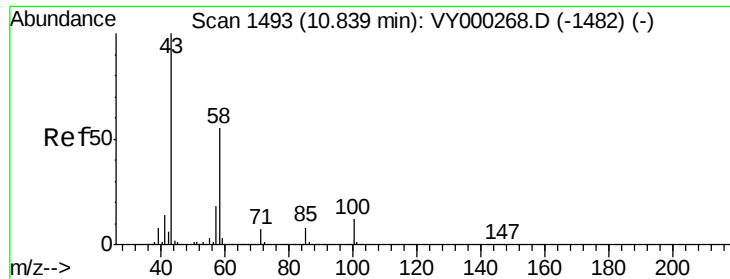
106 28.0 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

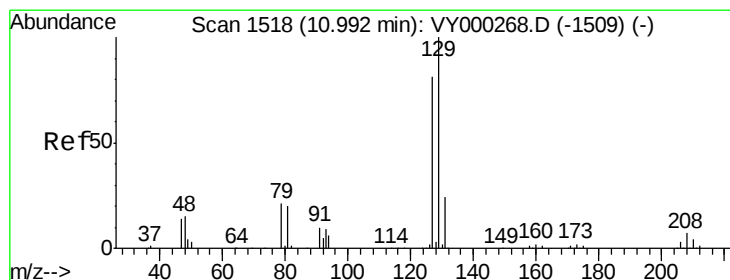
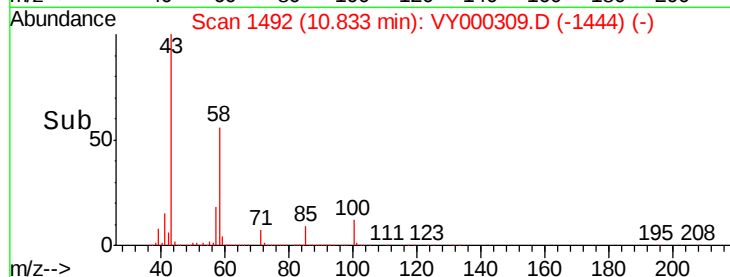
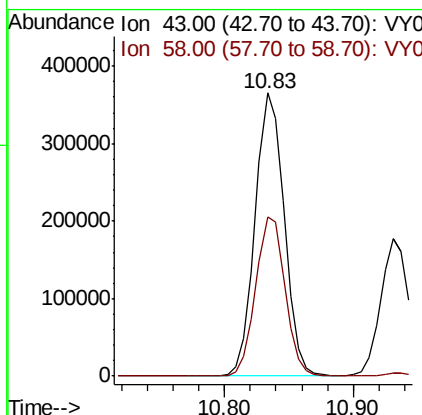
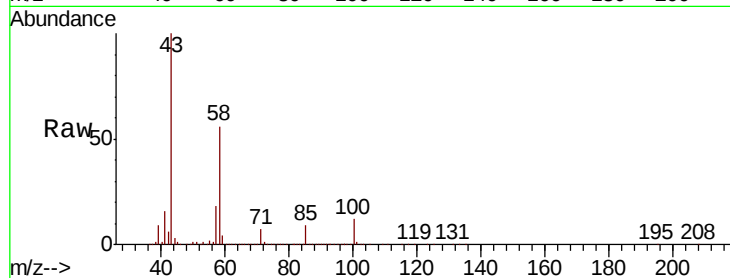




#59
2-Hexanone
Concen: 255.239 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

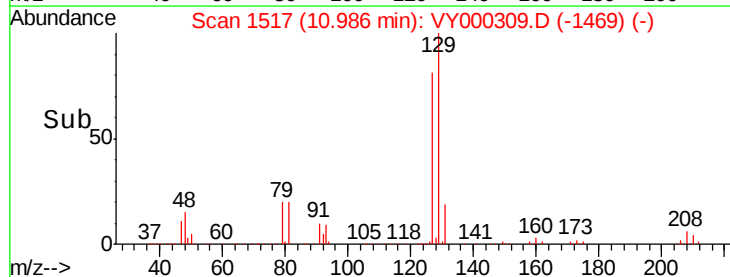
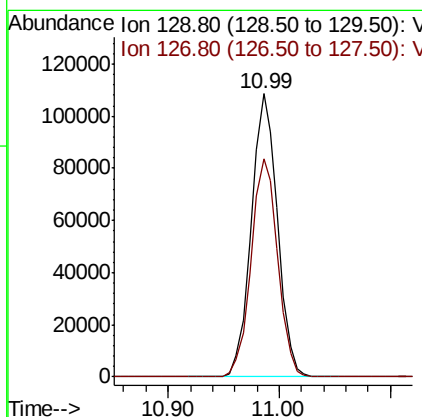
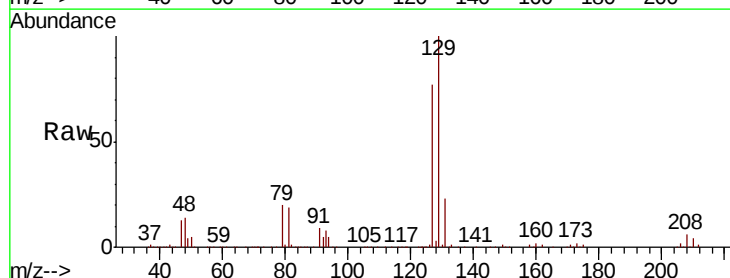
Instrument :
MSVOA_Y
ClientSampled :

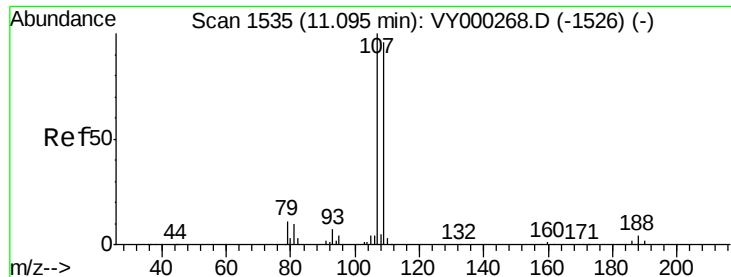
Tot Ion: 43 Resp: 568901
Ion Ratio Lower Upper
43 100
58 56.8 27.7 83.1



#60
Dibromochloromethane
Concen: 50.766 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Tgt Ion: 129 Resp: 177363
Ion Ratio Lower Upper
129 100
127 78.3 39.9 119.7

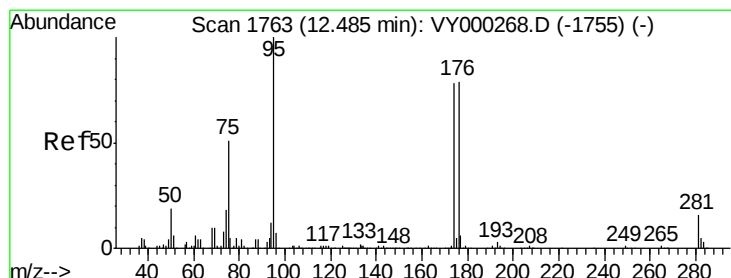
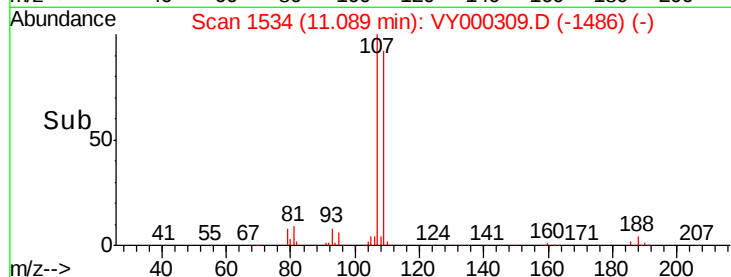
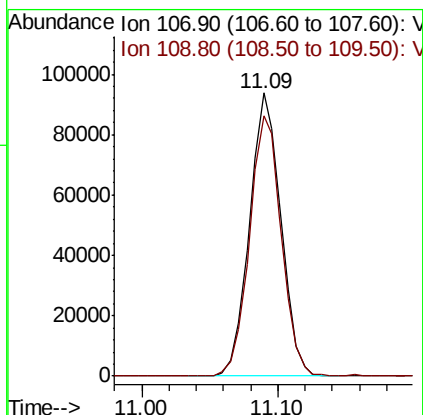
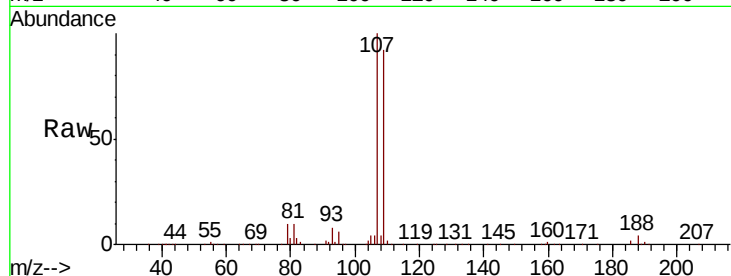




#61
 1,2-Dibromoethane
 Concen: 50.216 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000309.D
 Acq: 14 Oct 2019 19:03

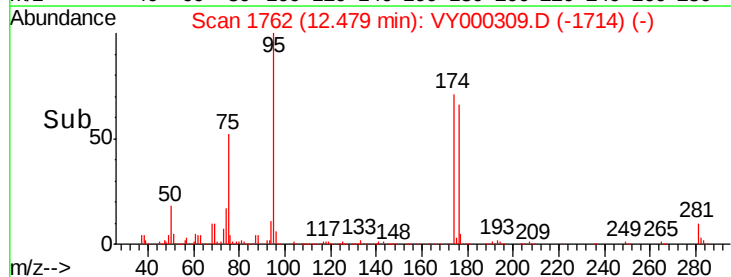
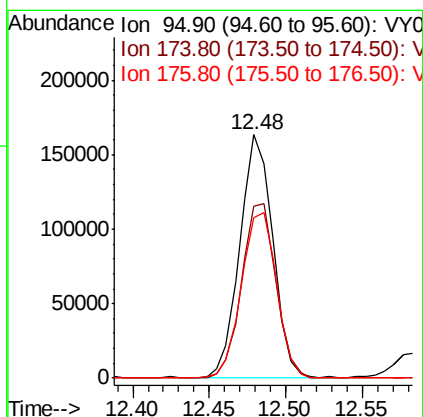
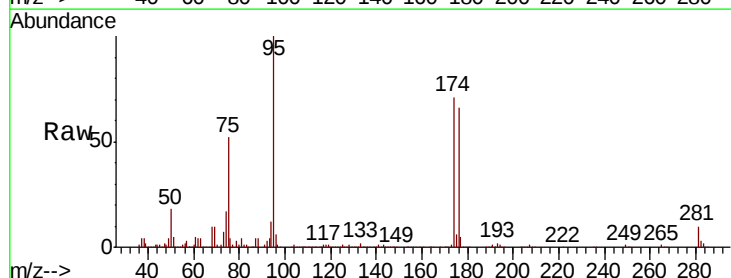
Instrument :
 MSVOA_Y
 ClientSampleId :

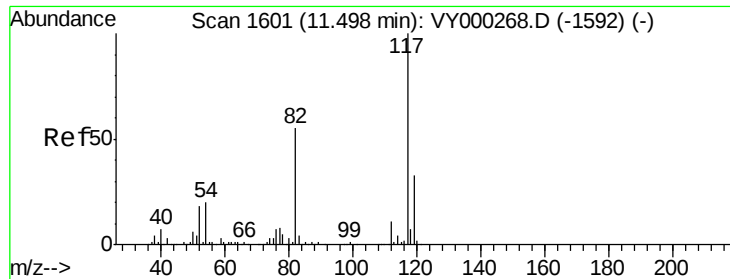
Tot Ion: 107 Resp: 151982
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.598 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000309.D
 Acq: 14 Oct 2019 19:03

Tgt Ion: 95 Resp: 244205
 Ion Ratio Lower Upper
 95 100
 174 75.1 0.0 159.6
 176 73.1 0.0 153.8

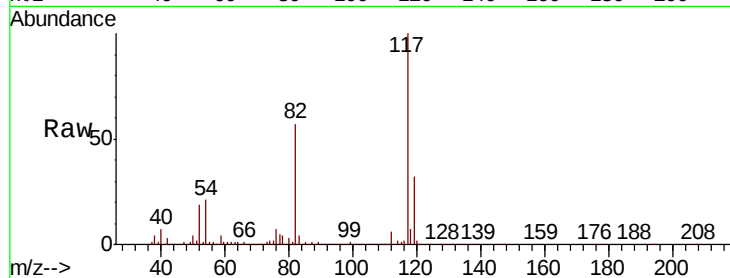




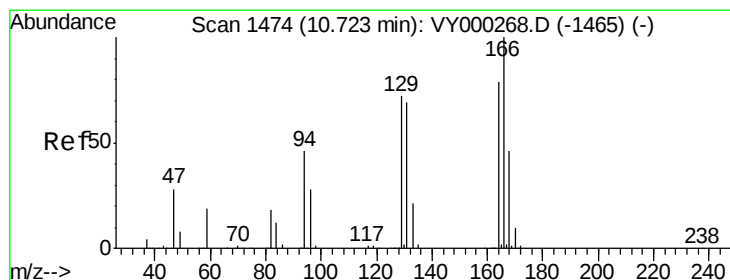
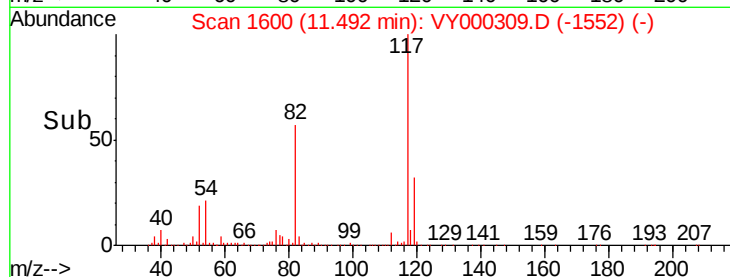
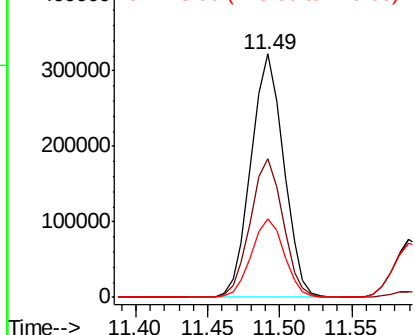
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 506845
Ion Ratio Lower Upper
117 100
82 56.8 43.7 65.5
119 32.0 26.6 39.8

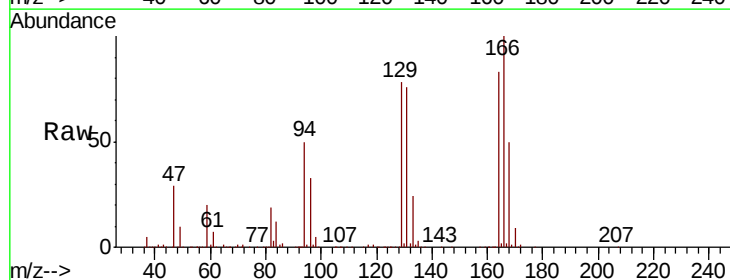


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

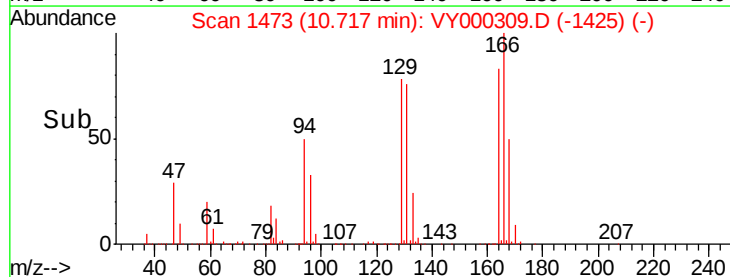
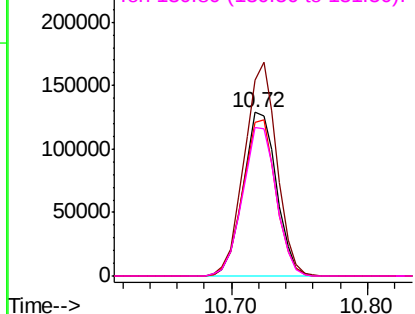


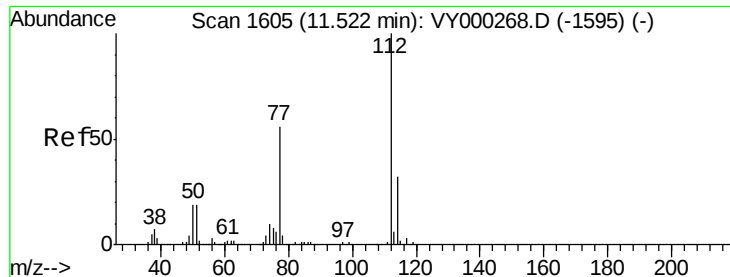
#64
Tetrachloroethene
Concen: 45.833 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Tgt Ion:164 Resp: 221153
Ion Ratio Lower Upper
164 100
166 120.1 100.6 151.0
129 94.2 72.8 109.2
131 91.0 69.4 104.2



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

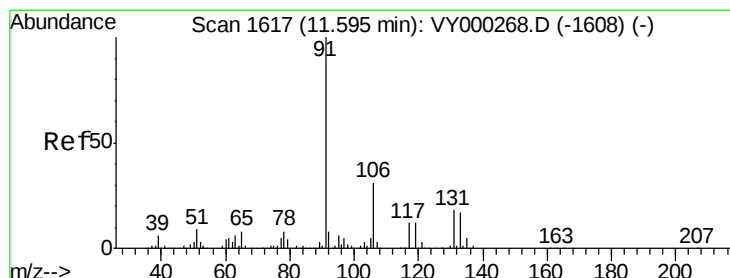
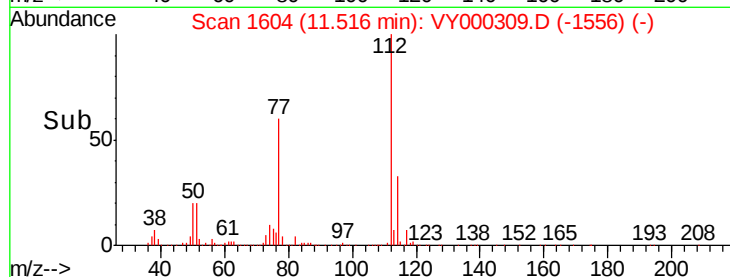
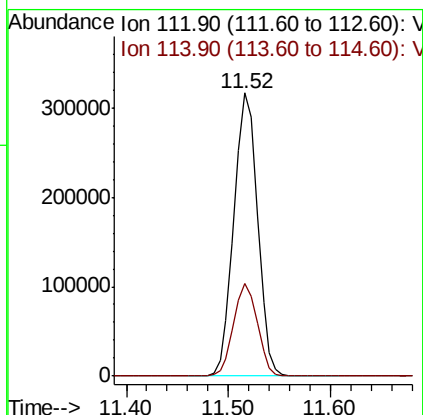
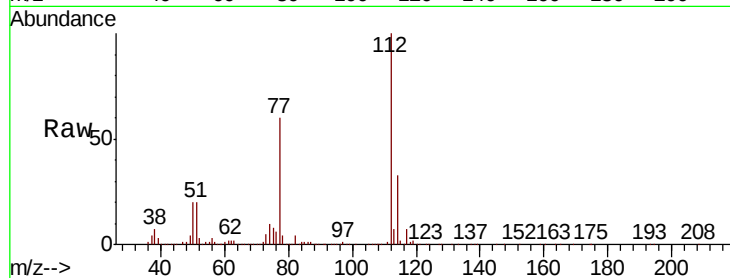




#65
Chlorobenzene
Concen: 47.446 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

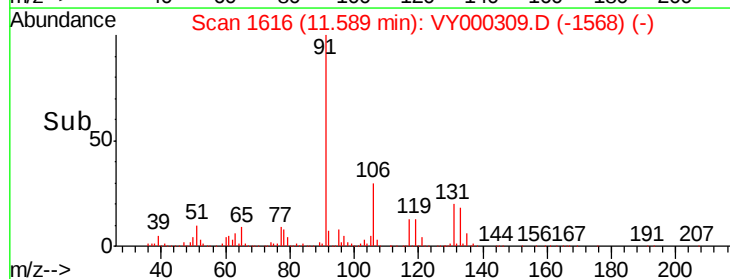
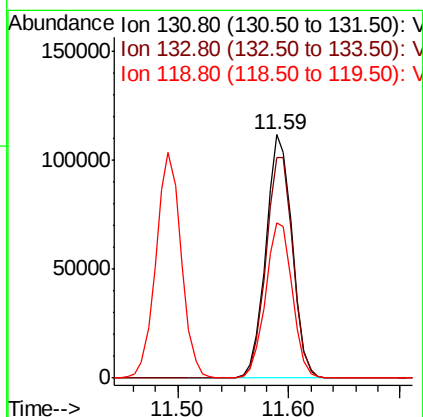
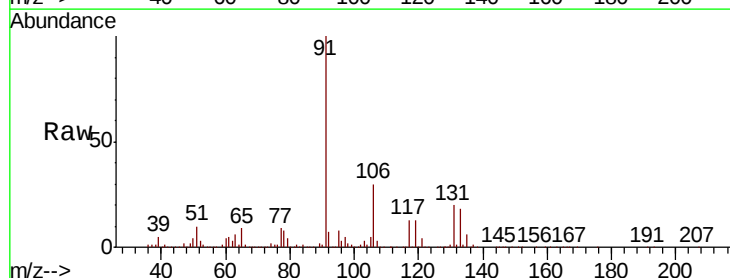
Instrument :
MSVOA_Y
ClientSampleId :

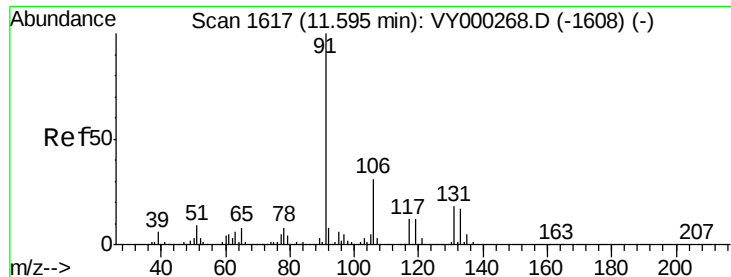
Tot Ion:112 Resp: 507515
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.086 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Tgt Ion:131 Resp: 184440
Ion Ratio Lower Upper
131 100
133 93.4 47.2 141.6
119 65.0 32.6 98.0





#67

Ethyl Benzene

Concen: 47.277 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :

MSVOA_Y

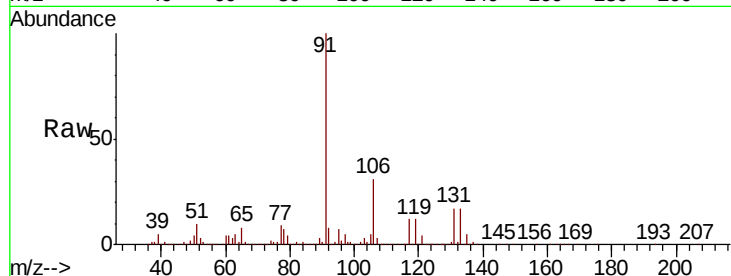
ClientSampleId :

Tot Ion: 91 Resp: 937472

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VY000268.D (-1608) (-)

Ion 106.00 (105.70 to 106.70): VY000268.D (-1608) (-)

800000

600000

400000

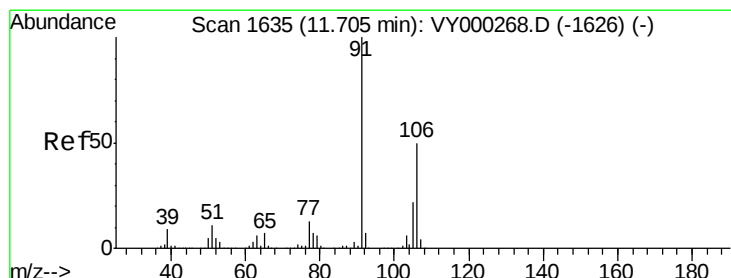
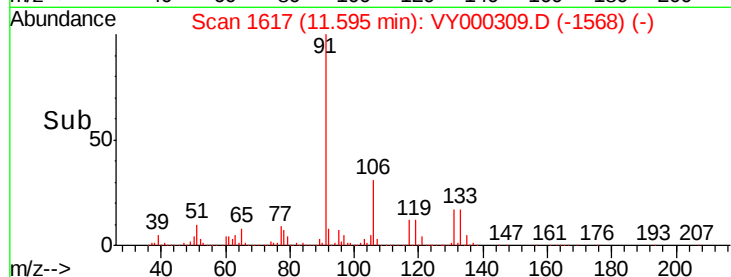
200000

0

11.50

11.60

Time-->



#68

m/p-Xylenes

Concen: 92.967 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY000309.D

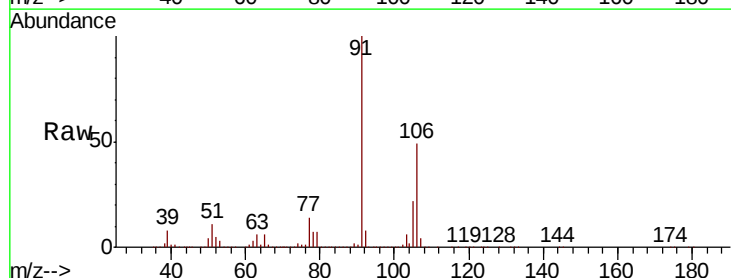
Acq: 14 Oct 2019 19:03

Tgt Ion: 106 Resp: 704725

Ion Ratio Lower Upper

106 100

91 201.4 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): VY000268.D (-1626) (-)

Ion 91.00 (90.70 to 91.70): VY000268.D (-1626) (-)

800000

600000

400000

200000

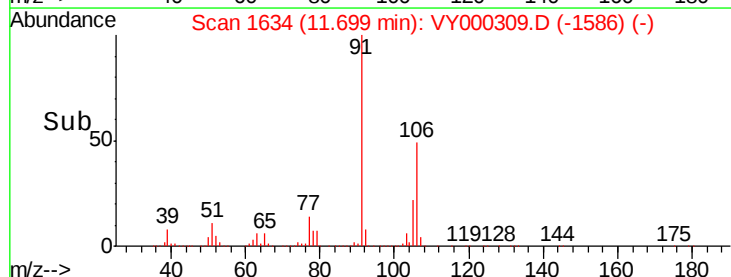
0

11.60

11.70

11.80

Time-->

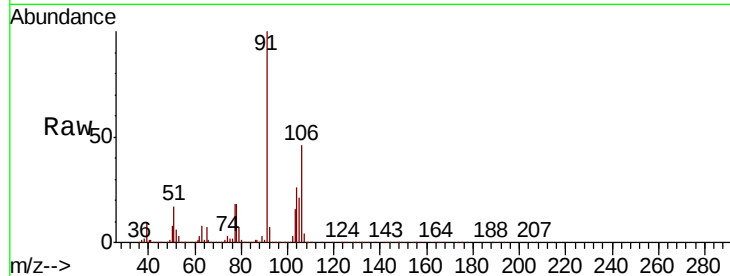




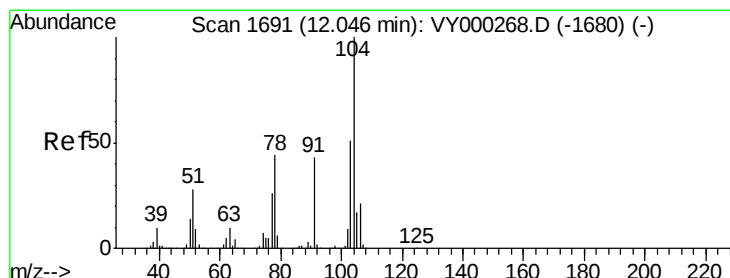
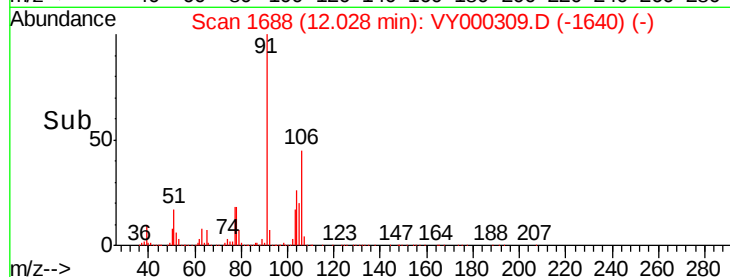
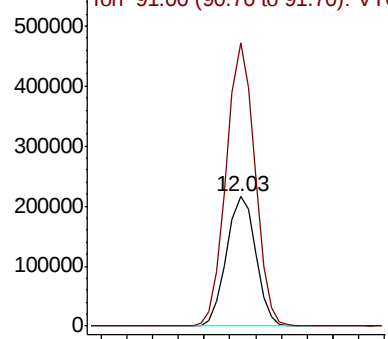
#69
o-Xylene
Concen: 46.881 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 339018
Ion Ratio Lower Upper
106 100
91 213.2 104.7 313.9

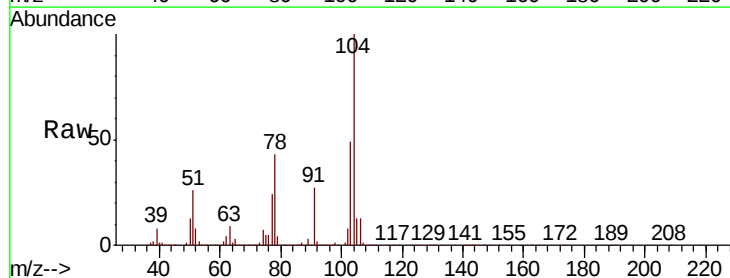


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

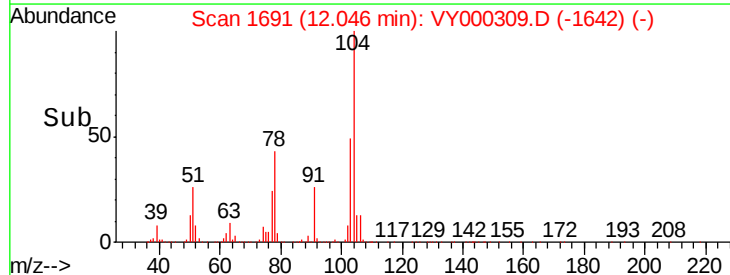
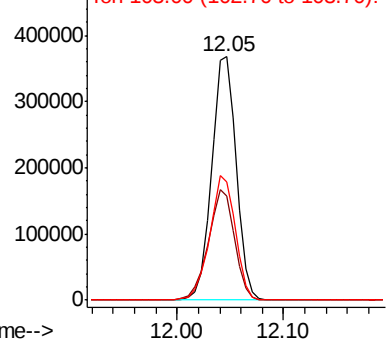


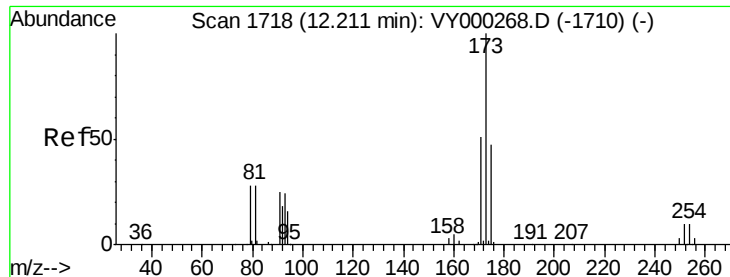
#70
Styrene
Concen: 48.822 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Tgt Ion:104 Resp: 595419
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.6
103 53.3 43.1 64.7



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





#71

Bromoform

Concen: 49.989 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :

MSVOA_Y

ClientSampleId :

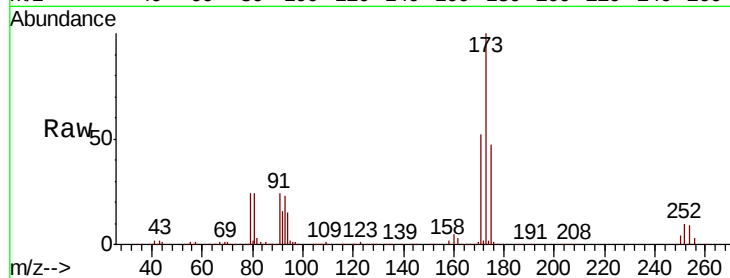
Tot Ion:173 Resp: 107980

Ion Ratio Lower Upper

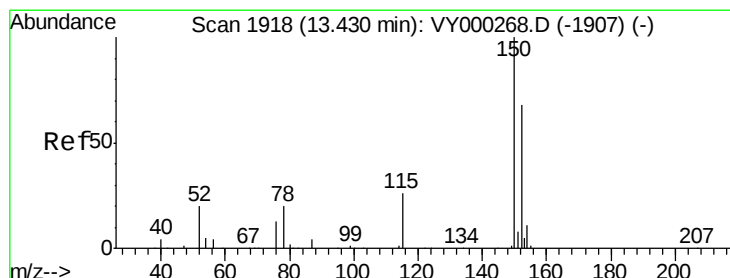
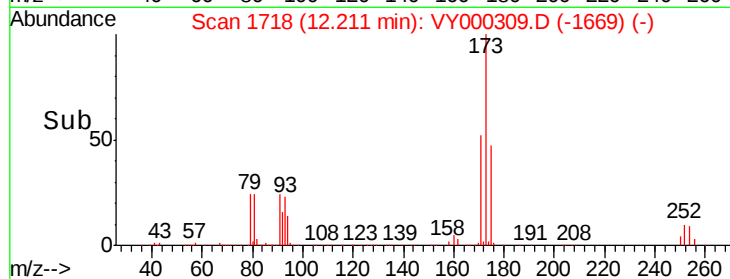
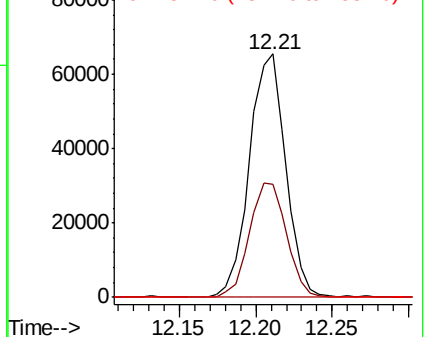
173 100

175 48.0 24.6 73.6

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

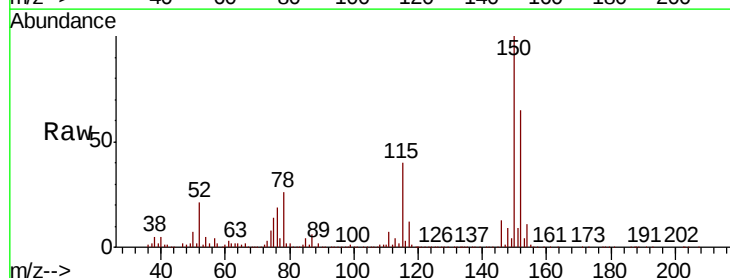
Tgt Ion:152 Resp: 250962

Ion Ratio Lower Upper

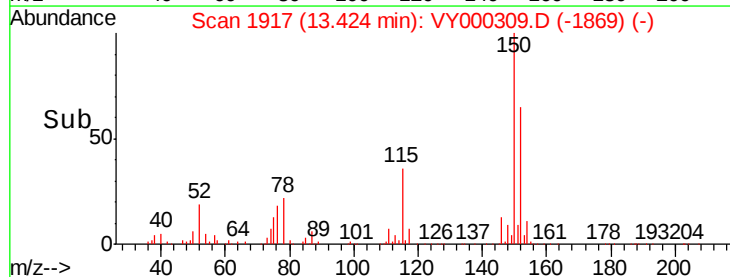
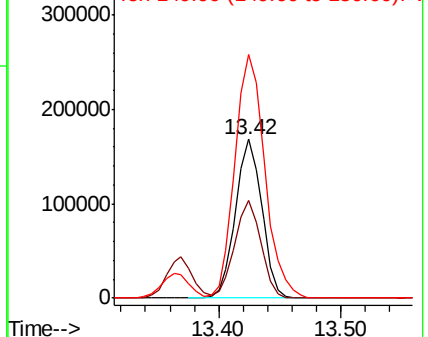
152 100

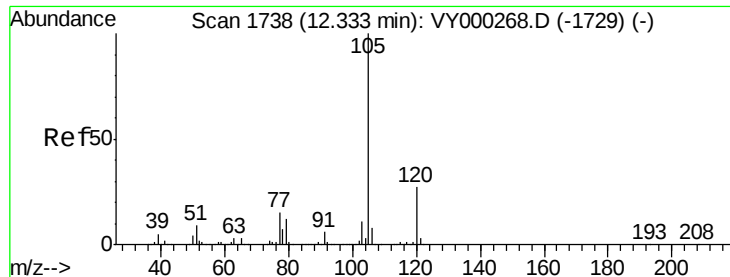
115 60.7 29.3 88.0

150 173.8 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: 46.904 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :

MSVOA_Y

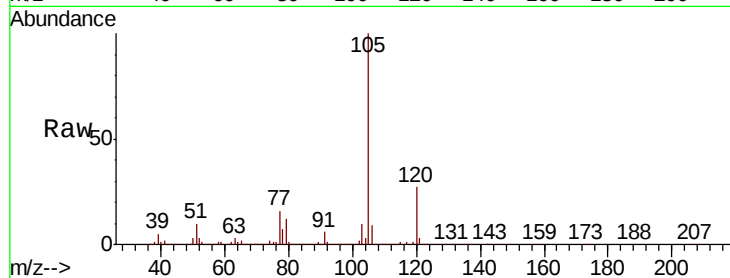
ClientSampleId :

Tot Ion:105 Resp: 917838

Ion Ratio Lower Upper

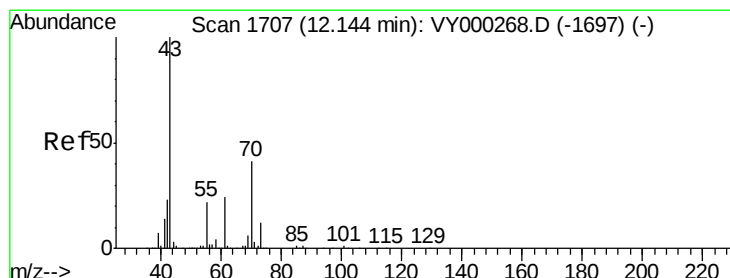
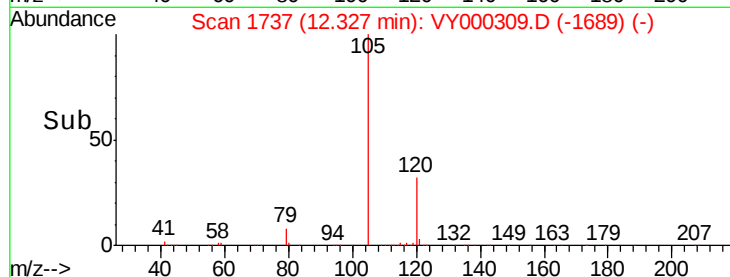
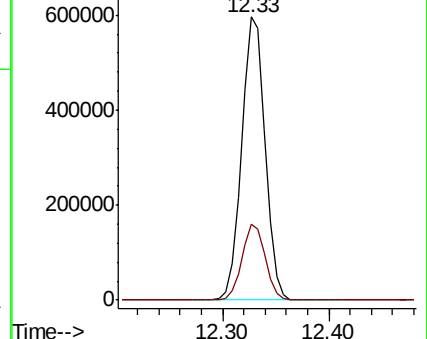
105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.983 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Tgt Ion: 43 Resp: 268941

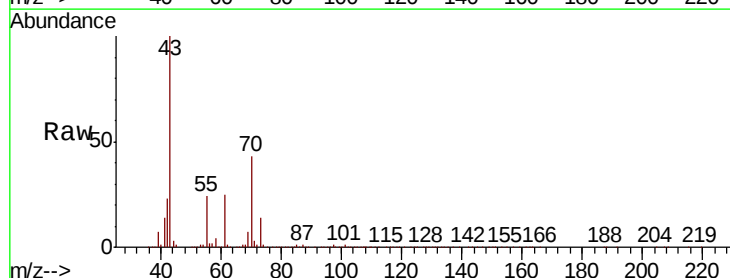
Ion Ratio Lower Upper

43 100

70 44.7 32.9 49.3

55 23.6 17.8 26.6

61 25.9 19.5 29.3

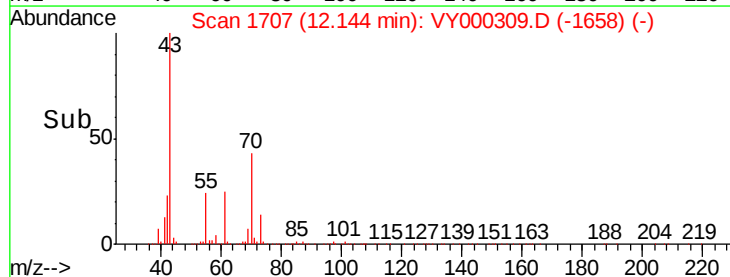
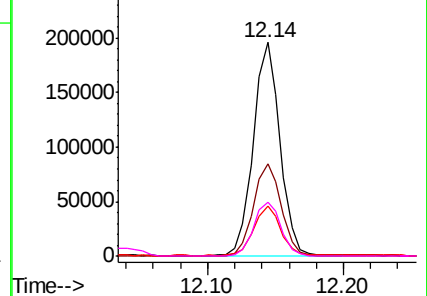


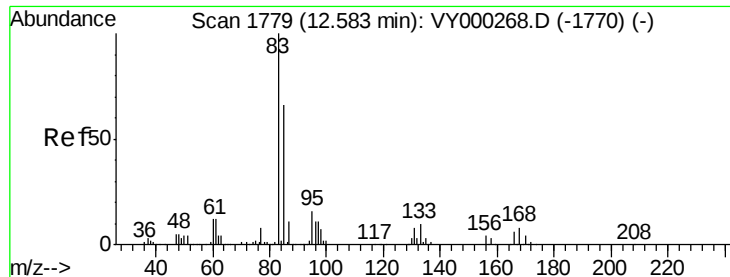
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.742 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :

MSVOA_Y

ClientSampleId :

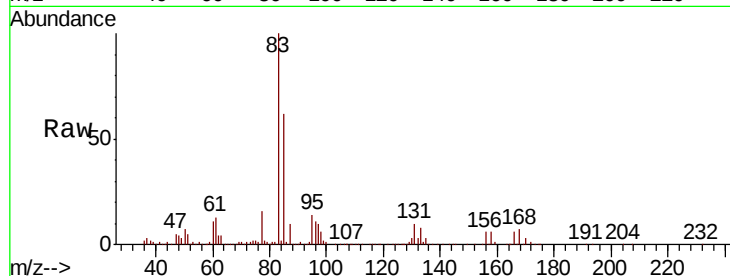
Tot Ion: 83 Resp: 175409

Ion Ratio Lower Upper

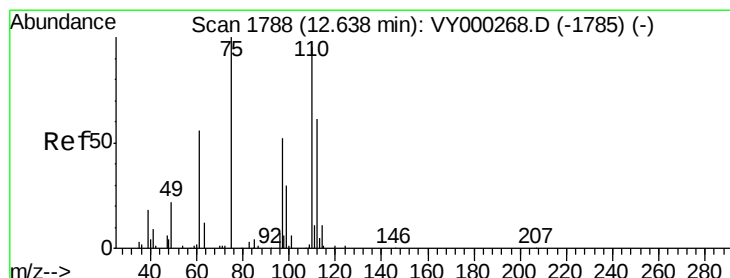
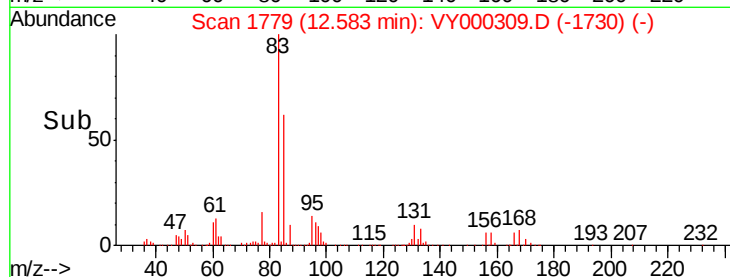
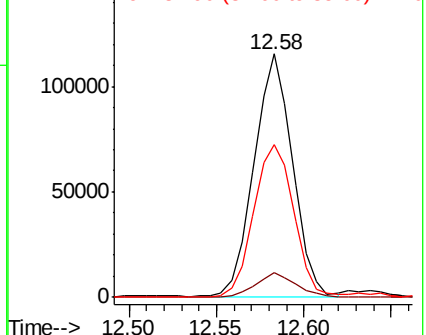
83 100

131 10.6 5.3 16.1

85 65.5 32.9 98.7



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



#76

1,2,3-Trichloropropane

Concen: 84.302 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY000309.D

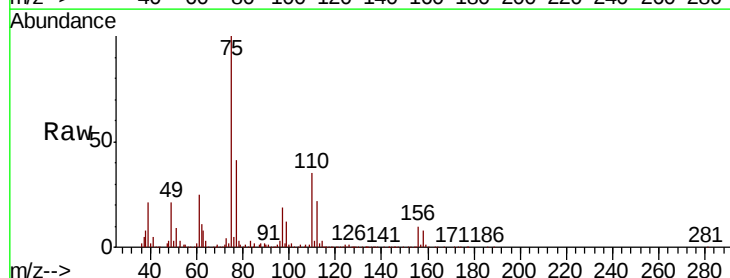
Acq: 14 Oct 2019 19:03

Tgt Ion: 75 Resp: 260155

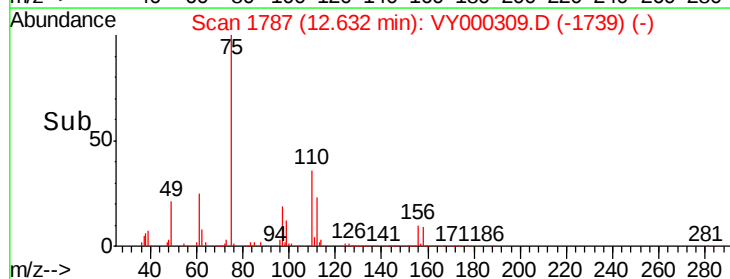
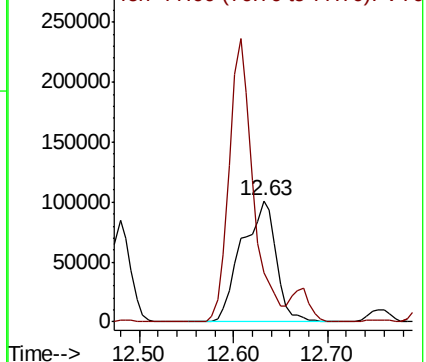
Ion Ratio Lower Upper

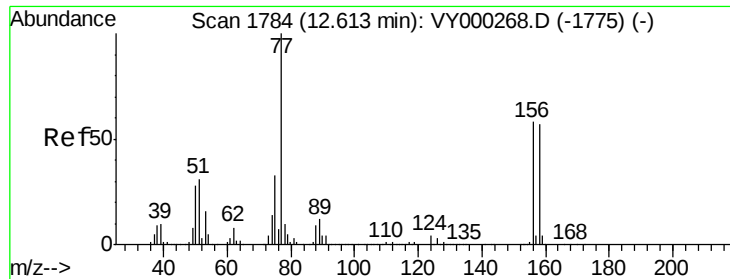
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 46.923 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :

MSVOA_Y

ClientSampled :

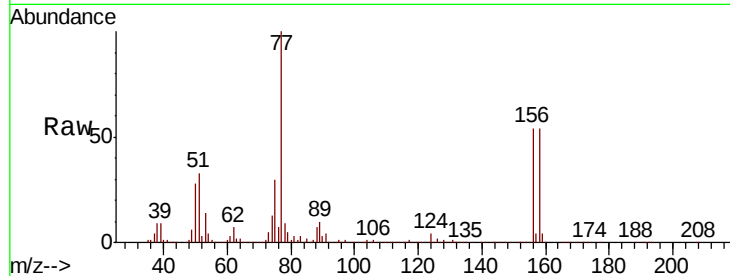
Tot Ion:156 Resp: 204323

Ion Ratio Lower Upper

156 100

77 205.5 101.0 302.9

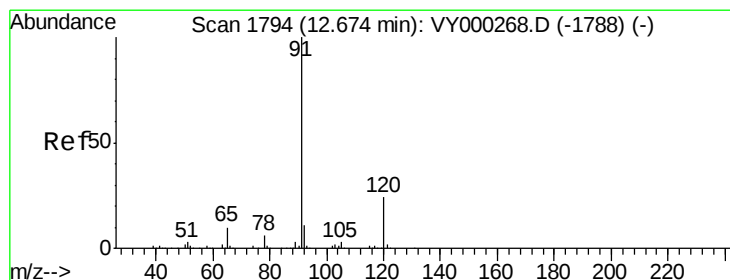
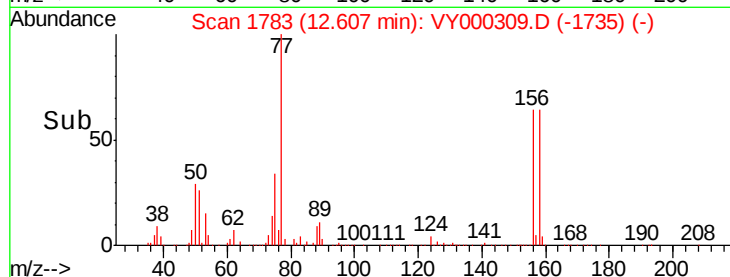
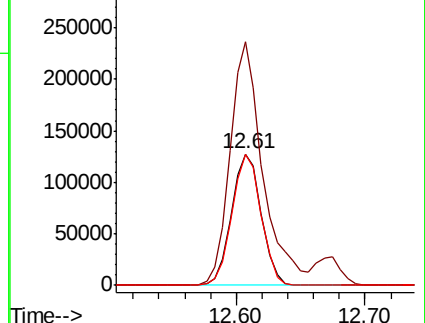
158 97.8 49.7 149.1



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: 47.458 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000309.D

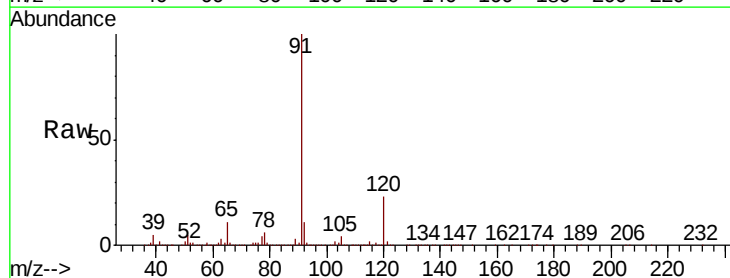
Acq: 14 Oct 2019 19:03

Tgt Ion: 91 Resp: 1115015

Ion Ratio Lower Upper

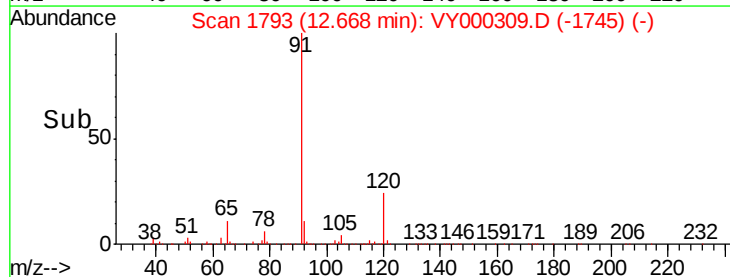
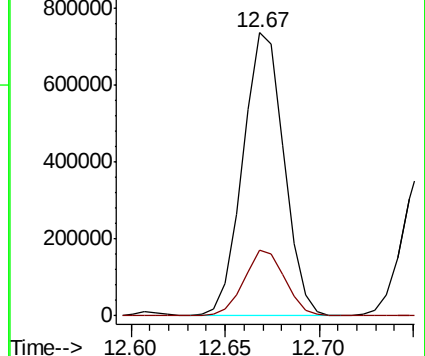
91 100

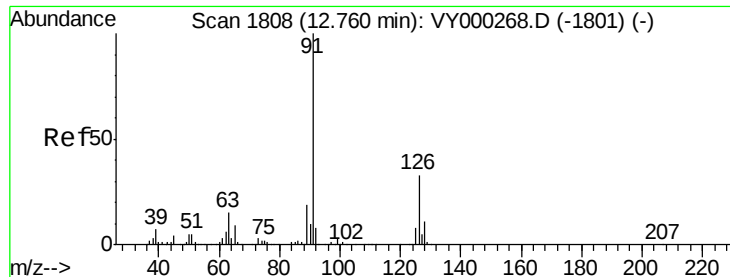
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.279 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :

MSVOA_Y

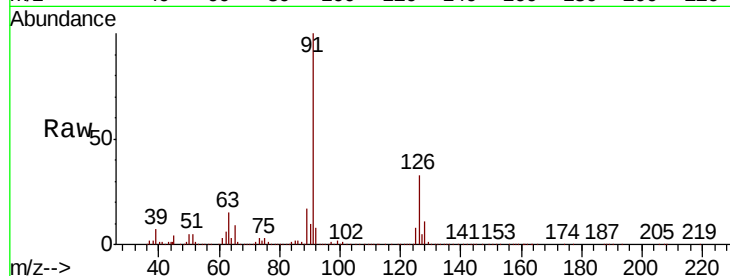
ClientSampled :

Tot Ion: 91 Resp: 626436

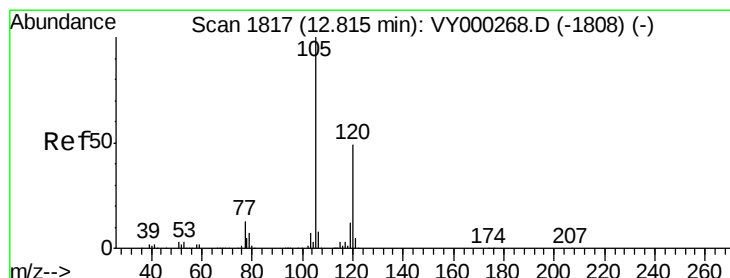
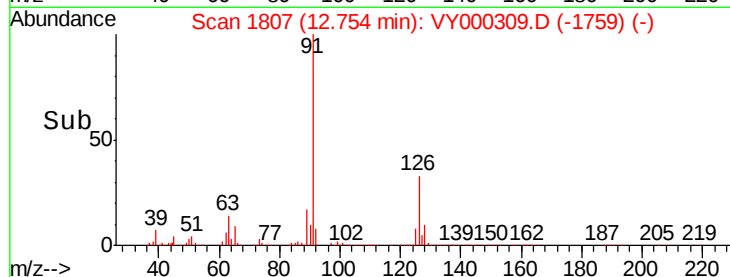
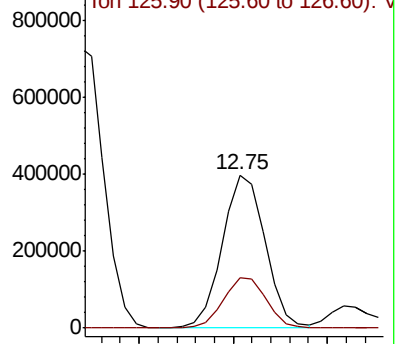
Ion Ratio Lower Upper

91 100

126 33.4 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY000268.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.568 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY000309.D

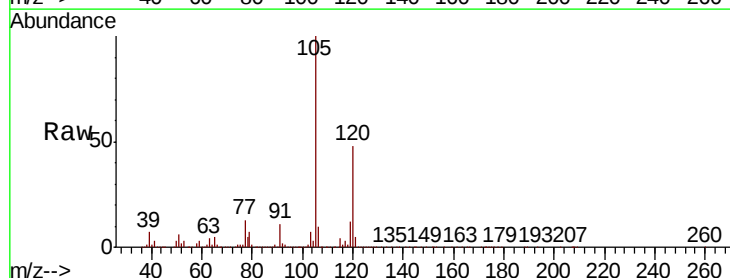
Acq: 14 Oct 2019 19:03

Tgt Ion: 105 Resp: 780531

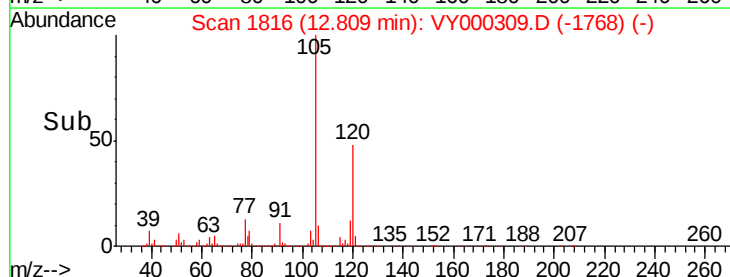
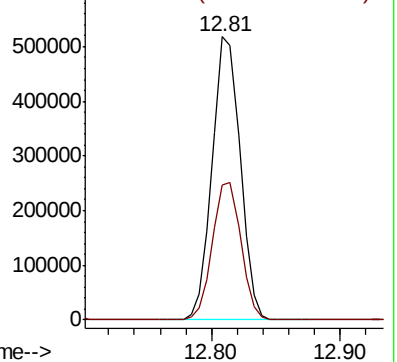
Ion Ratio Lower Upper

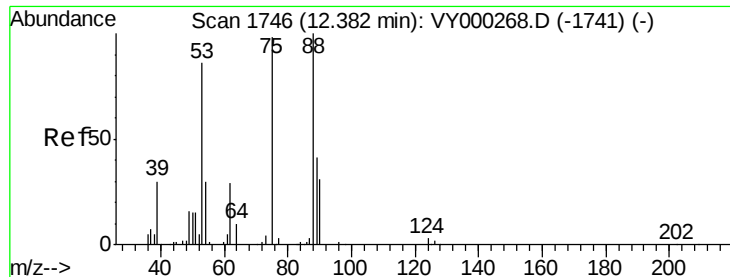
105 100

120 49.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000268.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.851 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :

MSVOA_Y

ClientSampleId :

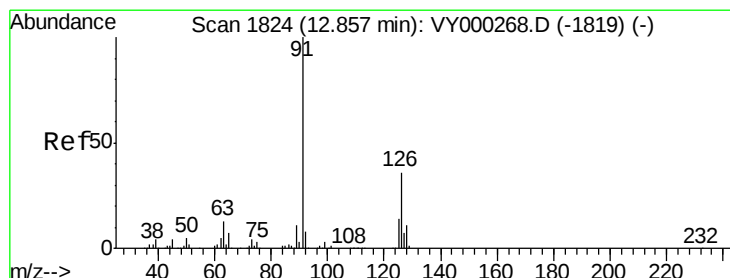
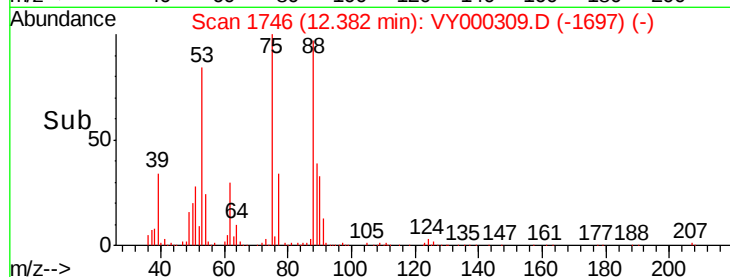
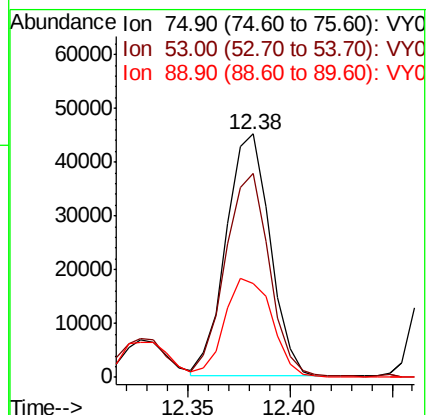
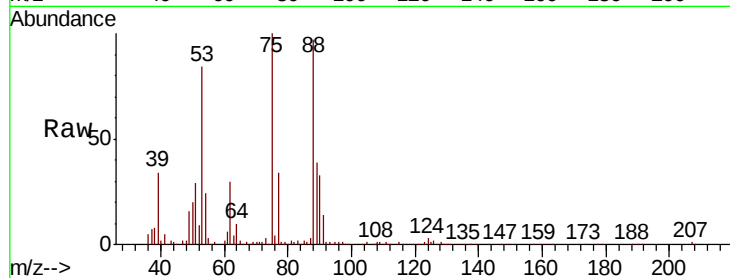
Tot Ion: 75 Resp: 67491

Ion Ratio Lower Upper

75 100

53 84.0 71.3 106.9

89 44.3 35.1 52.7



#82

4-Chlorotoluene

Concen: 48.105 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY000309.D

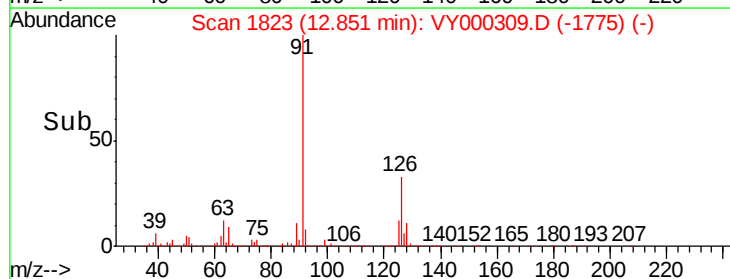
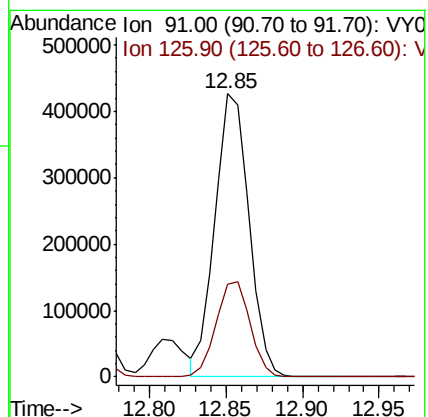
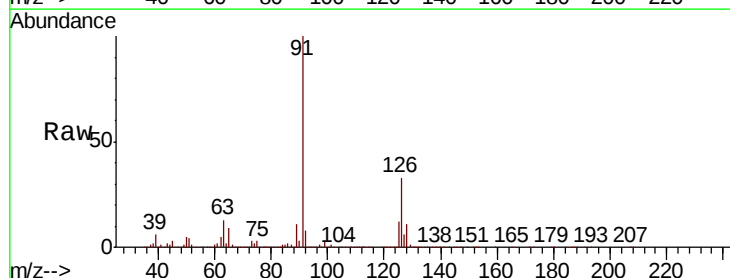
Acq: 14 Oct 2019 19:03

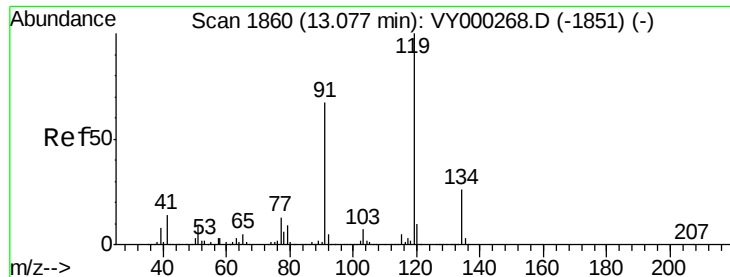
Tgt Ion: 91 Resp: 659791

Ion Ratio Lower Upper

91 100

126 33.8 17.2 51.5

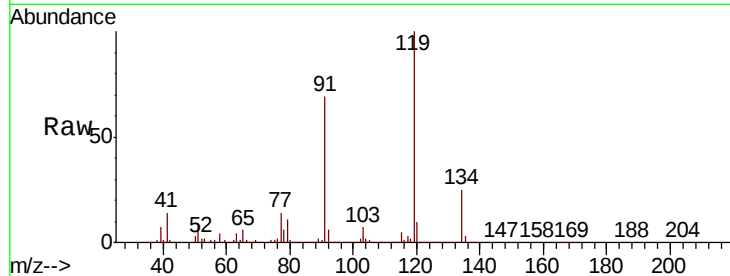




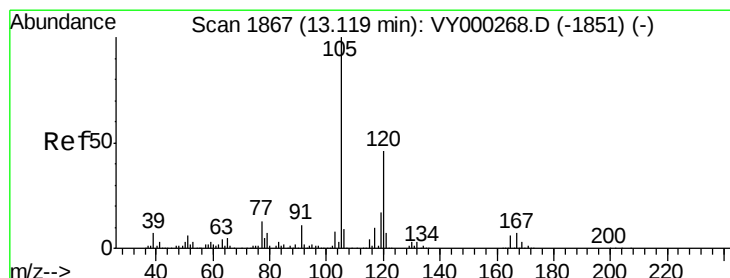
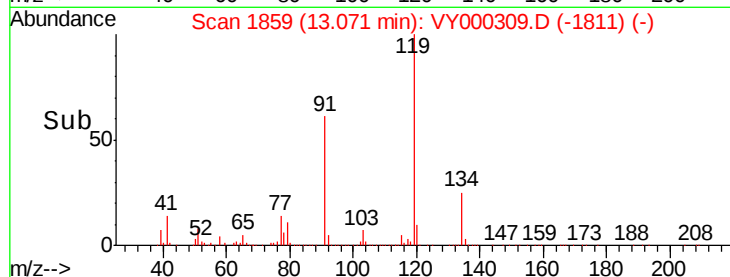
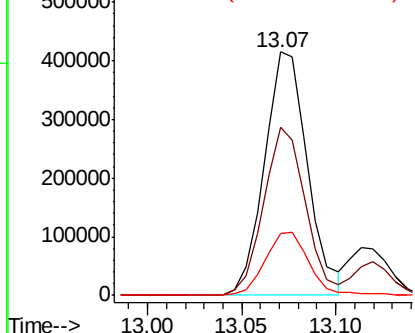
#83
tert-Butylbenzene
Concen: 47.328 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:119 Resp: 657637
Ion Ratio Lower Upper
119 100
91 66.7 32.9 98.7
134 26.6 13.3 39.8

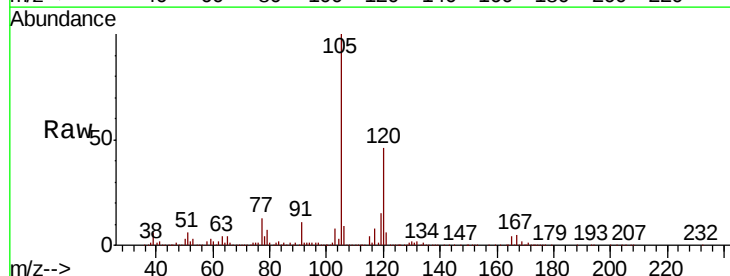


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

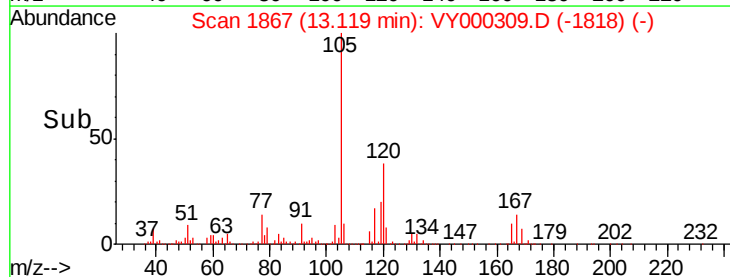
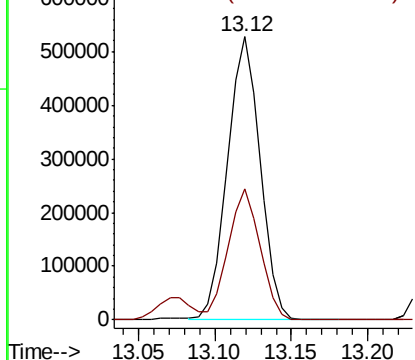


#84
1,2,4-Trimethylbenzene
Concen: 48.056 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Tgt Ion:105 Resp: 778243
Ion Ratio Lower Upper
105 100
120 45.8 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: 48.004 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :

MSVOA_Y

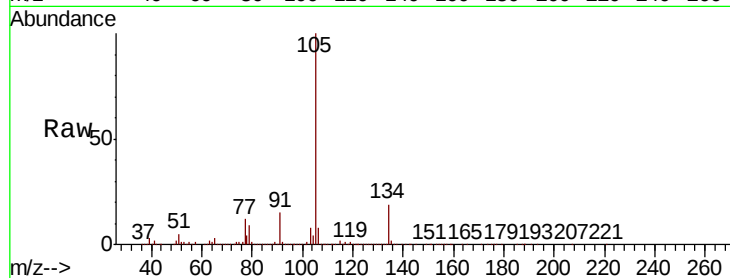
ClientSampleId :

Tot Ion:105 Resp: 964946

Ion Ratio Lower Upper

105 100

134 19.5 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

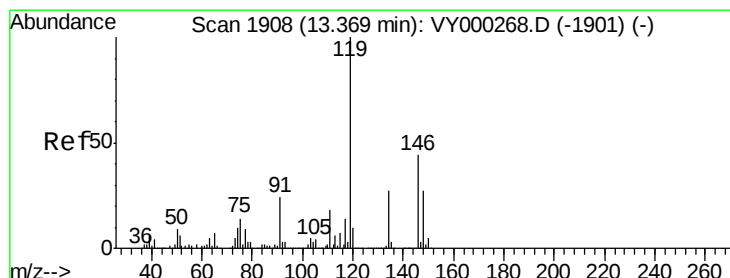
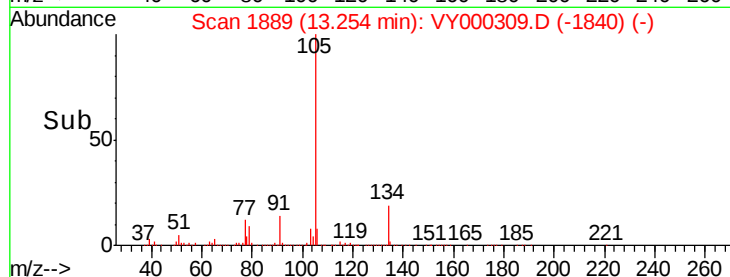
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.004 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

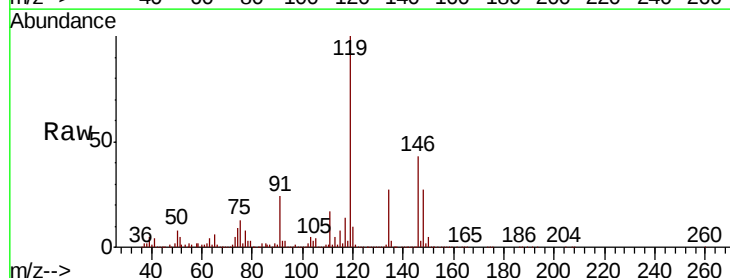
Tgt Ion:119 Resp: 841265

Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 23.7 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

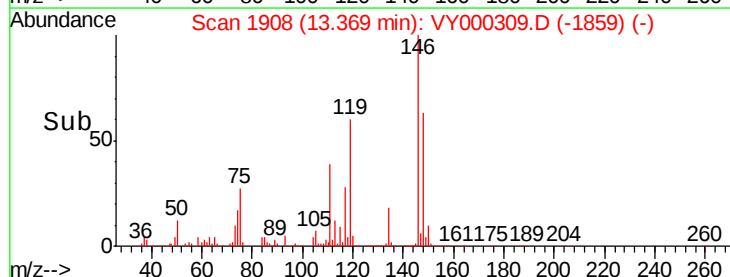
600000

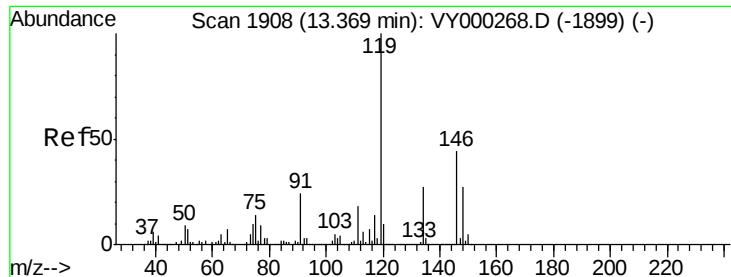
400000

200000

0

Time-->

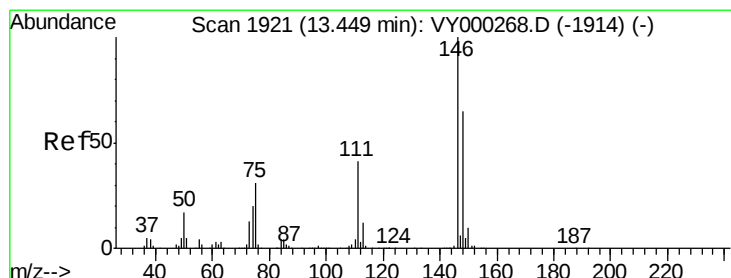
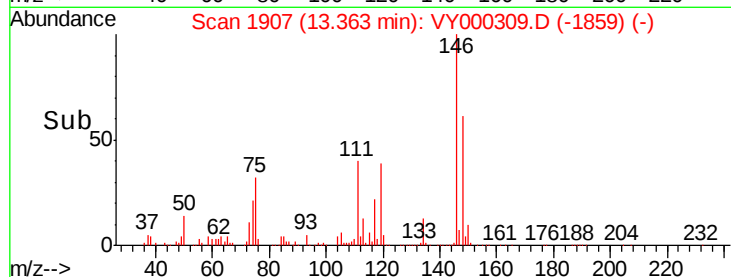
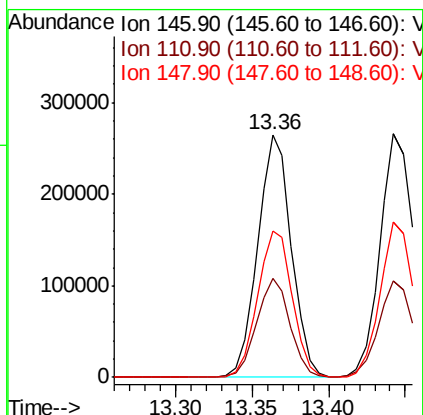
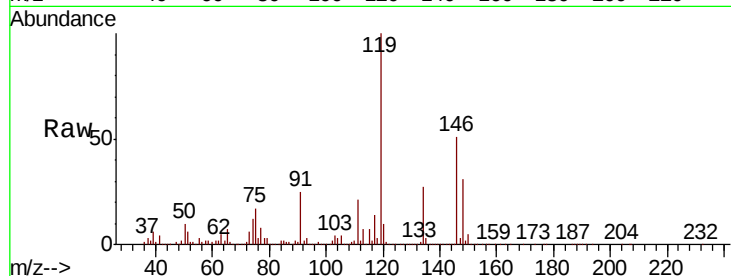




#87
 1,3-Dichlorobenzene
 Concen: 47.074 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000309.D
 Acq: 14 Oct 2019 19:03

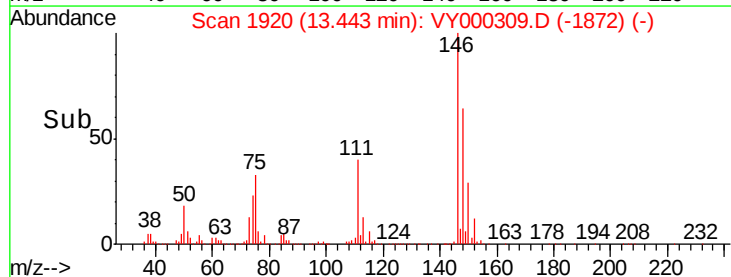
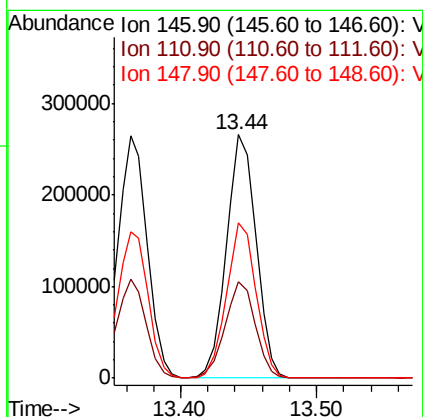
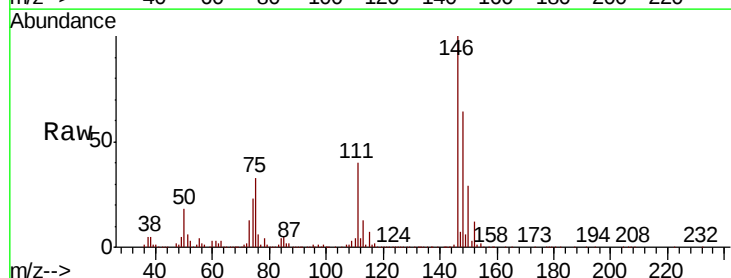
Instrument :
 MSVOA_Y
 ClientSampleId :

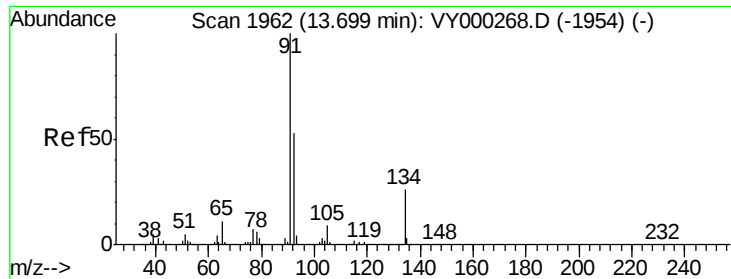
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.6	61.8
148	62.2	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.030 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000309.D
 Acq: 14 Oct 2019 19:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.2
148	63.4	32.4	97.2

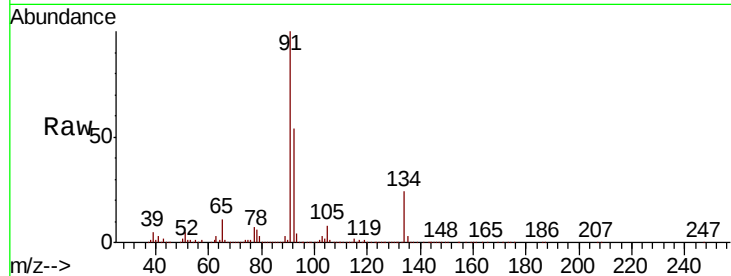




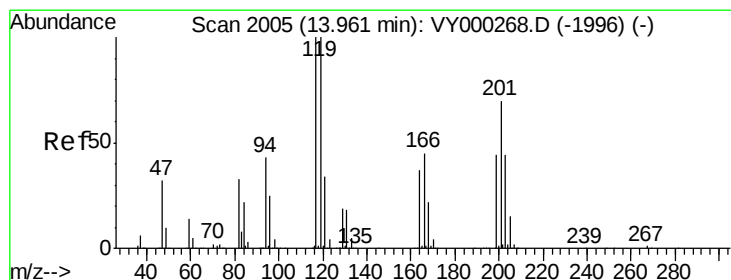
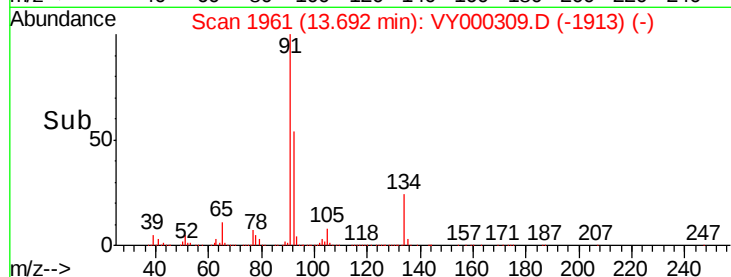
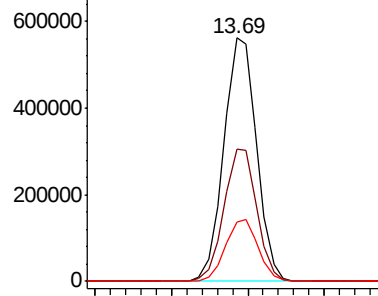
#89
n-Butylbenzene
Concen: 48.329 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 836969
Ion Ratio Lower Upper
91 100
92 54.1 26.7 80.1
134 25.3 13.0 38.9

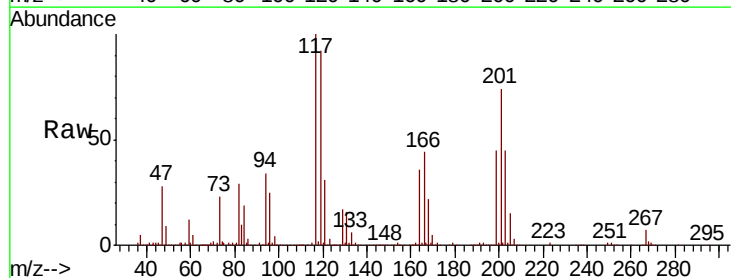


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

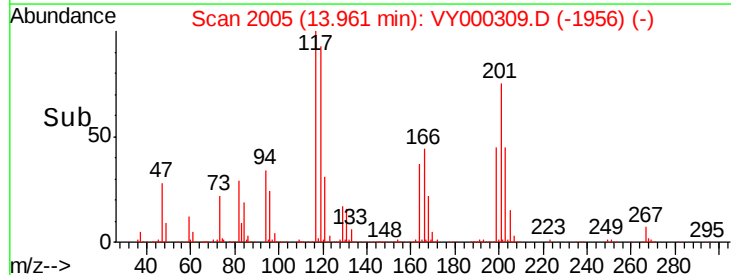
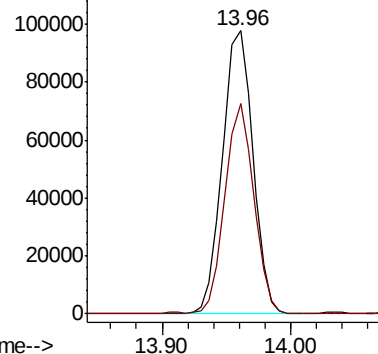


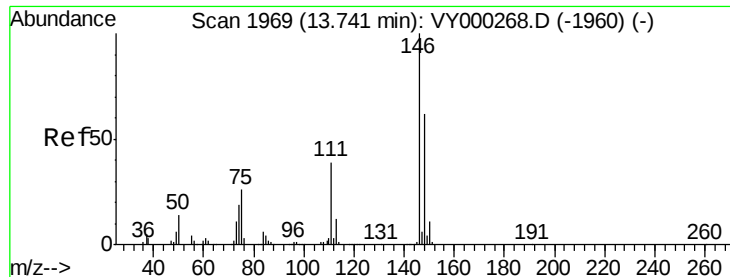
#90
Hexachloroethane
Concen: 49.158 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Tgt Ion: 117 Resp: 159523
Ion Ratio Lower Upper
117 100
201 70.8 36.3 108.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 48.672 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

Instrument :

MSVOA_Y

ClientSampleId :

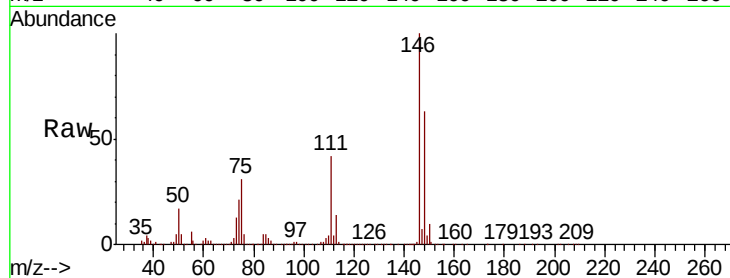
Tot Ion:146 Resp: 377901

Ion Ratio Lower Upper

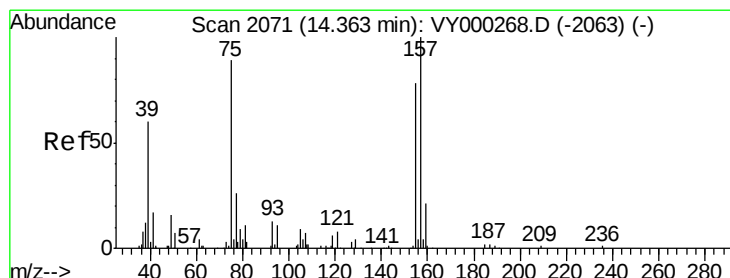
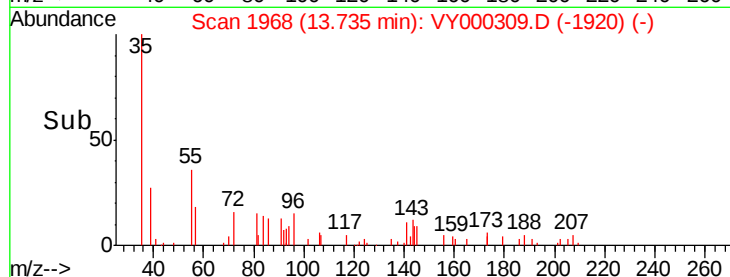
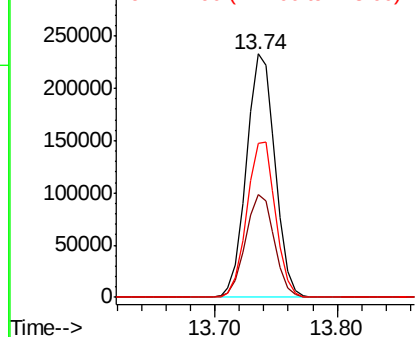
146 100

111 42.4 20.5 61.5

148 63.6 31.6 95.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.988 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY000309.D

Acq: 14 Oct 2019 19:03

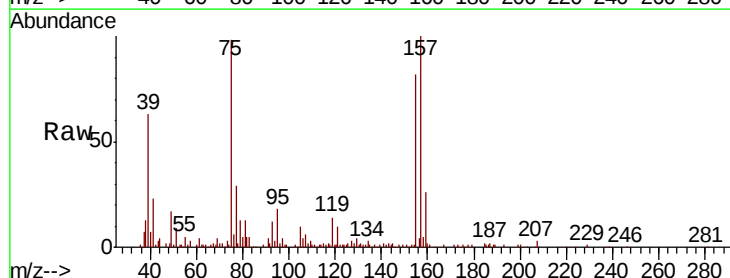
Tgt Ion: 75 Resp: 34136

Ion Ratio Lower Upper

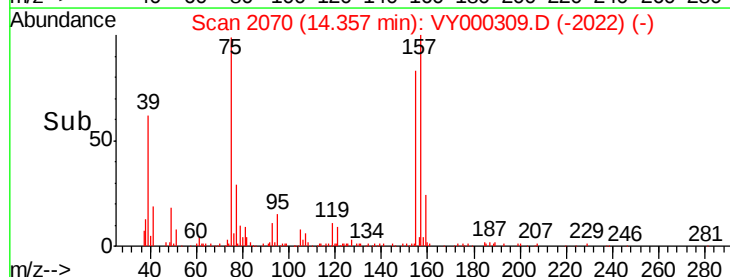
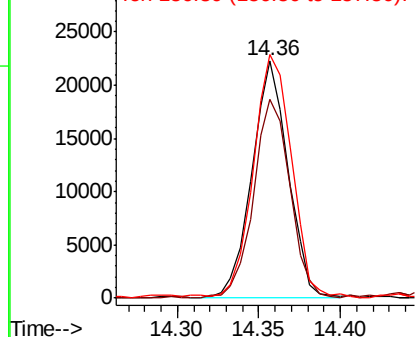
75 100

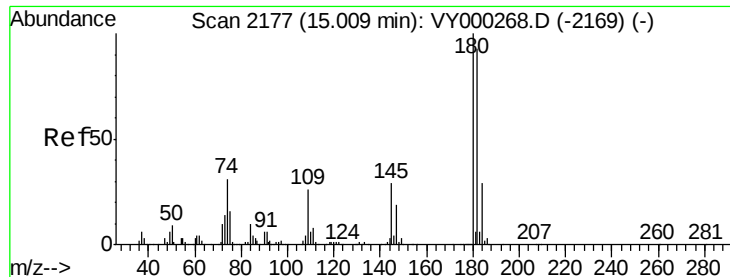
155 85.5 45.8 137.3

157 109.5 55.6 166.9



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

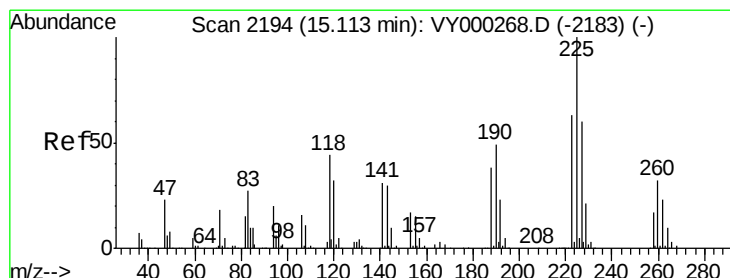
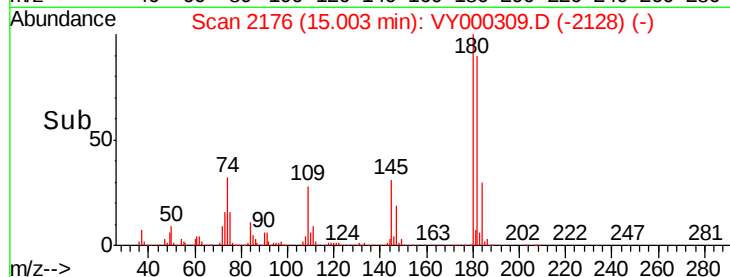
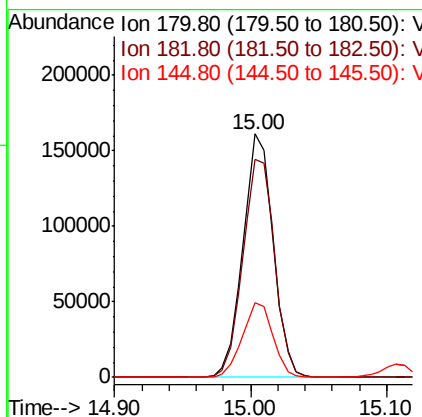
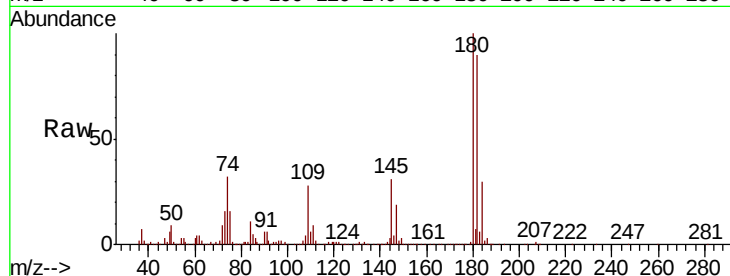




#93
 1,2,4-Trichlorobenzene
 Concen: 46.318 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000309.D
 Acq: 14 Oct 2019 19:03

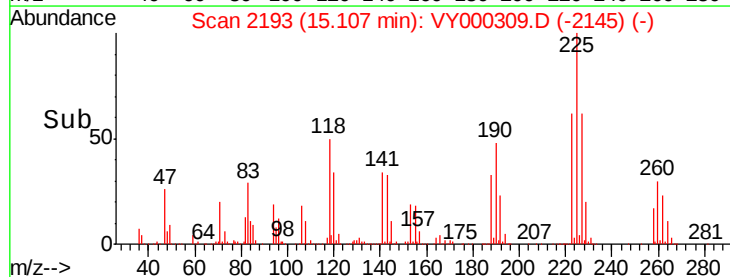
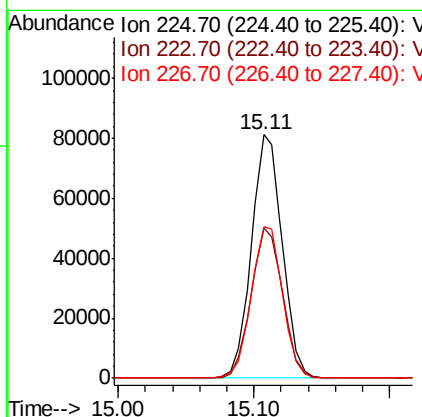
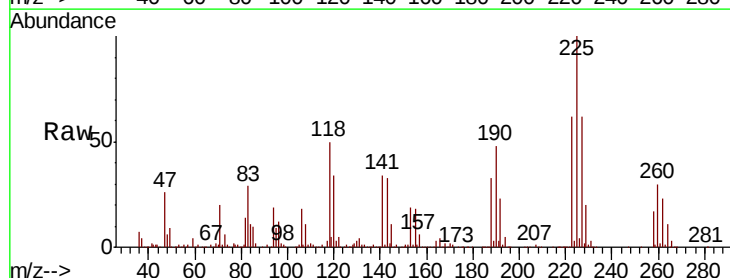
Instrument :
 MSVOA_Y
 ClientSampleId :

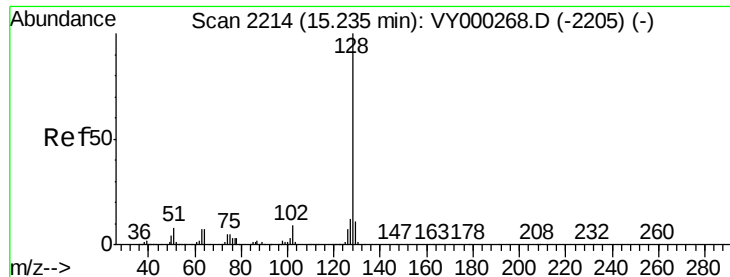
Tot Ion:180 Resp: 250382
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.5 142.6
 145 30.9 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 44.147 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY000309.D
 Acq: 14 Oct 2019 19:03

Tgt Ion:225 Resp: 129149
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.9 95.7
 227 63.1 31.4 94.2

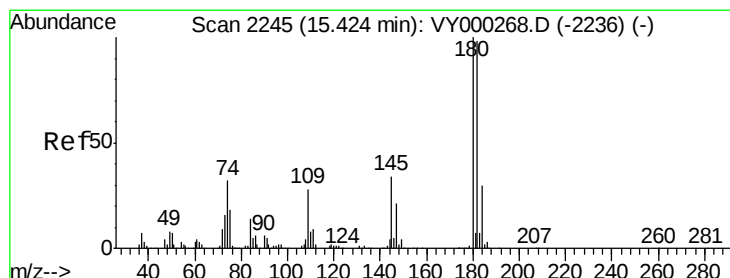
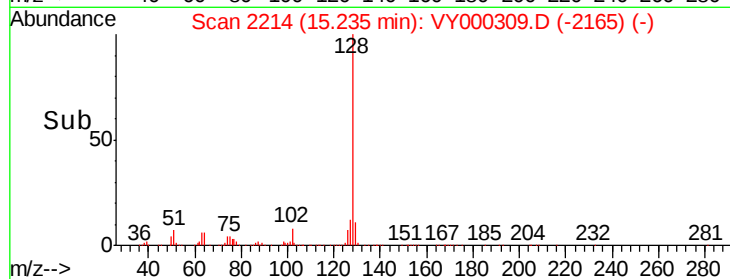
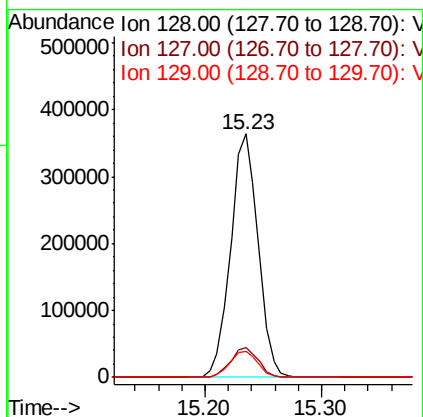
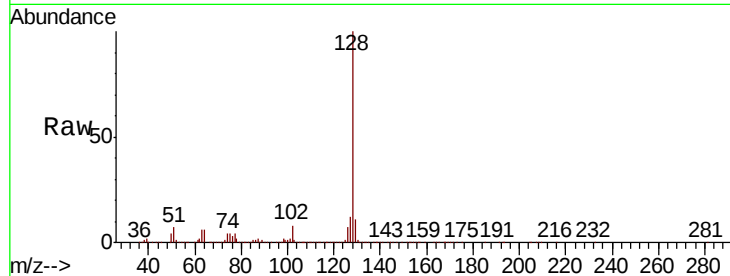




#95
Naphthalene
Concen: 49.375 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 595639
Ion Ratio Lower Upper
128 100
127 12.5 9.6 14.4
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.207 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY000309.D
Acq: 14 Oct 2019 19:03

Tgt Ion:180 Resp: 229989
Ion Ratio Lower Upper
180 100
182 93.0 46.5 139.5
145 32.9 16.2 48.5

