

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000342.D
 Acq On : 18 Oct 2019 10:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 00:51:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	316899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	523754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	476498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	237147	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	163227	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
35) Dibromofluoromethane	7.73	113	145211	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
50) Toluene-d8	10.18	98	584508	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
62) 4-Bromofluorobenzene	12.48	95	218540	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	108821	42.852	ug/l	98
3) Chloromethane	2.12	50	160380	41.416	ug/l	99
4) Vinyl Chloride	2.25	62	174430	44.633	ug/l	100
5) Bromomethane	2.65	94	118677	40.975	ug/l	95
6) Chloroethane	2.79	64	114860	45.550	ug/l	100
7) Trichlorofluoromethane	3.13	101	251777	47.098	ug/l	98
8) Diethyl Ether	3.53	74	93334	49.421	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	157598	48.611	ug/l	98
10) Methyl Iodide	4.09	142	216562	46.971	ug/l	99
11) Tert butyl alcohol	4.96	59	83144	237.673	ug/l	100
12) 1,1-Dichloroethene	3.87	96	153440	47.941	ug/l	96
13) Acrolein	3.74	56	98991	241.363	ug/l	96
14) Allyl chloride	4.48	41	266025	50.156	ug/l	98
15) Acrylonitrile	5.18	53	263253	249.046	ug/l	96
16) Acetone	3.96	43	257933	238.267	ug/l	96
17) Carbon Disulfide	4.19	76	446394	44.298	ug/l	100
18) Methyl Acetate	4.48	43	126336	46.971	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	459471	51.569	ug/l	99
20) Methylene Chloride	4.72	84	176925	48.325	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	172458	46.965	ug/l	91
22) Diisopropyl ether	6.13	45	587101	52.336	ug/l	97
23) Vinyl Acetate	6.07	43	1930266	263.752	ug/l	99
24) 1,1-Dichloroethane	6.03	63	311193	50.822	ug/l	98
25) 2-Butanone	6.99	43	411632	269.931	ug/l	99
26) 2,2-Dichloropropane	6.99	77	278191	49.304	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	201858	50.802	ug/l	98
28) Bromochloromethane	7.35	49	134510	51.172	ug/l	99
29) Tetrahydrofuran	7.36	42	232810	251.910	ug/l	98
30) Chloroform	7.52	83	313268	50.802	ug/l	98
31) Cyclohexane	7.79	56	298394	46.658	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	273455	49.880	ug/l	99
36) 1,1-Dichloropropene	7.93	75	244442	47.669	ug/l	99
37) Ethyl Acetate	7.08	43	150307	49.503	ug/l	98
38) Carbon Tetrachloride	7.91	117	240054	48.349	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	318628	47.476	ug/l	98
40) Benzene	8.17	78	726100	48.998	ug/l	97
41) Methacrylonitrile	7.35	41	208301	144.124	ug/l #	24
42) 1,2-Dichloroethane	8.24	62	206913	48.881	ug/l	100
43) Isopropyl Acetate	8.28	43	293073	50.763	ug/l	98
44) Trichloroethene	8.94	130	192504	46.297	ug/l	100
45) 1,2-Dichloropropane	9.22	63	186847	51.379	ug/l	97
46) Dibromomethane	9.31	93	103086	50.708	ug/l	95
47) Bromodichloromethane	9.50	83	245751	51.294	ug/l	99
48) Methyl methacrylate	9.30	41	128519	50.795	ug/l	97
49) 1,4-Dioxane	9.30	88	28423	932.467	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	793399	266.445	ug/l	99
52) Toluene	10.25	92	468232	49.767	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	268937	52.377	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	302302	51.844	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	149511	50.582	ug/l	97
56) Ethyl methacrylate	10.51	69	228237	54.173	ug/l	99
57) 1,3-Dichloropropane	10.79	76	260806	51.377	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	436334	259.648	ug/l	98
59) 2-Hexanone	10.83	43	612709	293.147	ug/l	99
60) Dibromochloromethane	10.99	129	174254	53.188	ug/l	97
61) 1,2-Dibromoethane	11.09	107	142487	50.205	ug/l	99
64) Tetrachloroethene	10.72	164	208163	45.888	ug/l	96
65) Chlorobenzene	11.52	112	490757	48.801	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	174443	49.382	ug/l	97
67) Ethyl Benzene	11.60	91	917704	49.228	ug/l	100
68) m/p-Xylenes	11.70	106	693057	97.250	ug/l	97
69) o-Xylene	12.03	106	334232	49.163	ug/l	99
70) Styrene	12.05	104	577758	50.391	ug/l	99
71) Bromoform	12.21	173	106523	52.456	ug/l	99
73) Isopropylbenzene	12.33	105	893561	48.323	ug/l	100
74) N-amyl acetate	12.14	43	274701	60.513	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	174539	50.273	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	252294	86.518	ug/l #	100
77) Bromobenzene	12.61	156	199096	48.386	ug/l	97
78) n-propylbenzene	12.67	91	1089913	49.092	ug/l	99
79) 2-Chlorotoluene	12.75	91	607770	49.569	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	758037	48.889	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	68950	51.734	ug/l	98
82) 4-Chlorotoluene	12.86	91	639419	49.336	ug/l	99
83) tert-Butylbenzene	13.08	119	634665	48.335	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	752148	49.150	ug/l	99
85) sec-Butylbenzene	13.25	105	938012	49.382	ug/l	100
86) p-Isopropyltoluene	13.37	119	820840	49.567	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	391699	48.316	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	396577	48.941	ug/l	98
89) n-Butylbenzene	13.70	91	822220	50.243	ug/l	99
90) Hexachloroethane	13.96	117	157660	51.414	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	363936	49.604	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31886	48.425	ug/l	96

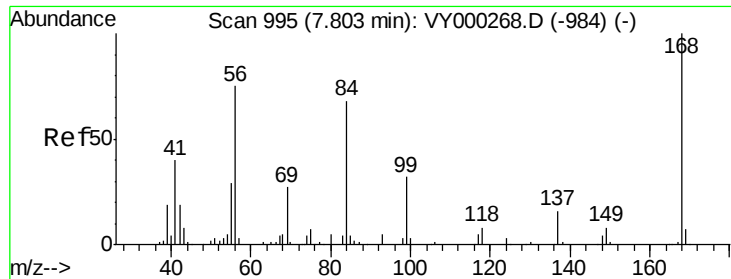
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	248029	48.555	ug/l	98
94) Hexachlorobutadiene	15.11	225	126110	45.620	ug/l	99
95) Naphthalene	15.23	128	558606	49.003	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	220765	47.954	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

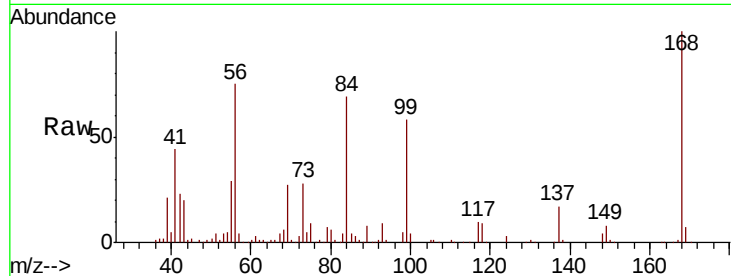
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 316899

Ion Ratio Lower Upper

168 100

99 57.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000342.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000342.D (-946) (-)

7.80

150000

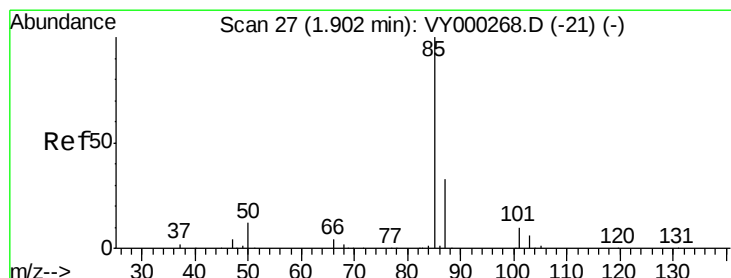
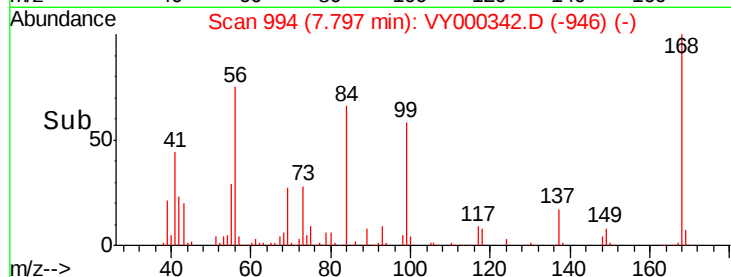
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 42.852 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000342.D

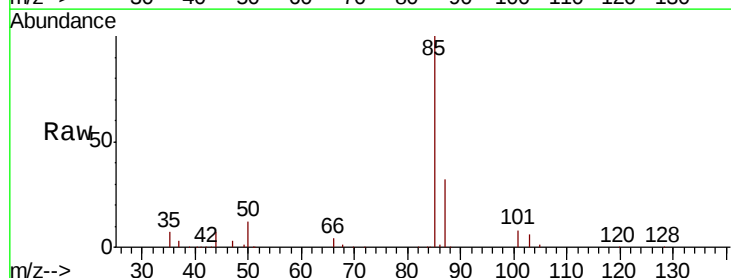
Acq: 18 Oct 2019 10:48

Tgt Ion: 85 Resp: 108821

Ion Ratio Lower Upper

85 100

87 32.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000342.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000342.D (-1) (-)

1.90

80000

60000

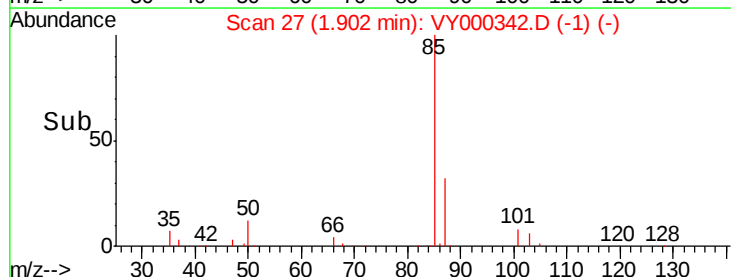
40000

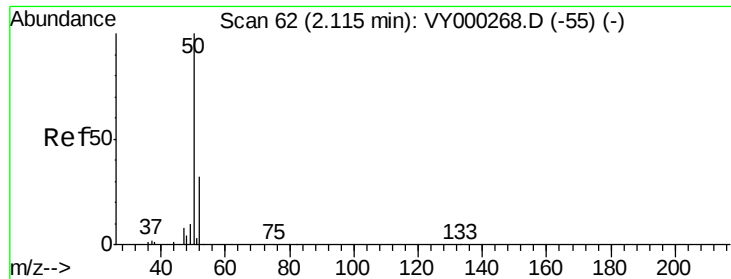
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 41.416 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :

MSVOA_Y

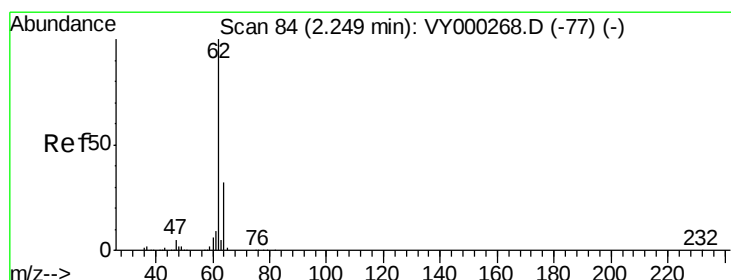
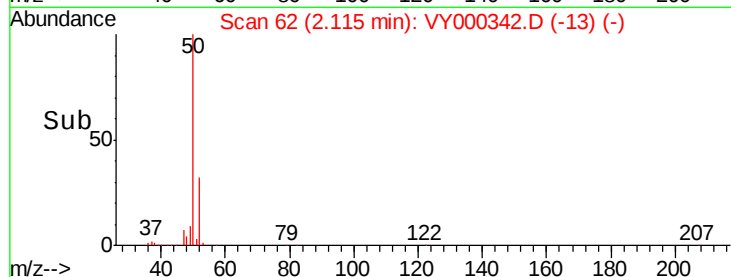
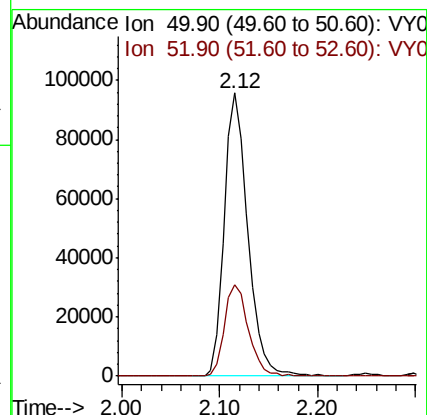
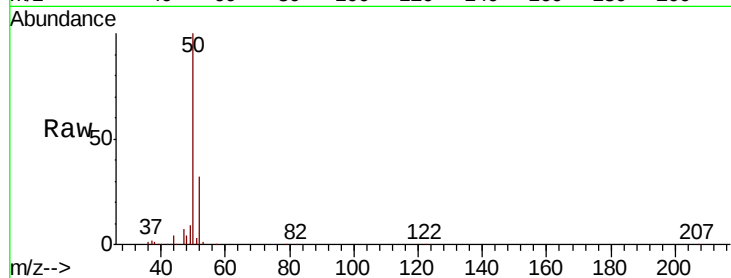
ClientSampleId :

Tot Ion: 50 Resp: 160380

Ion Ratio Lower Upper

50 100

52 32.1 25.3 37.9



#4

Vinyl Chloride

Concen: 44.633 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000342.D

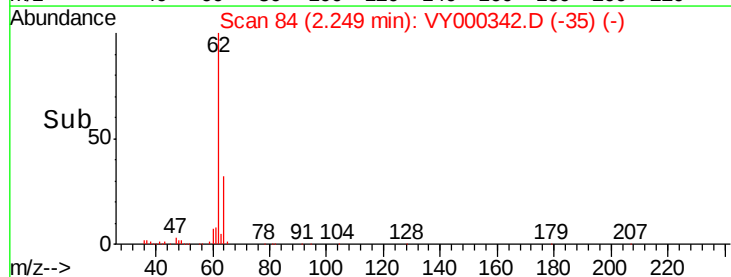
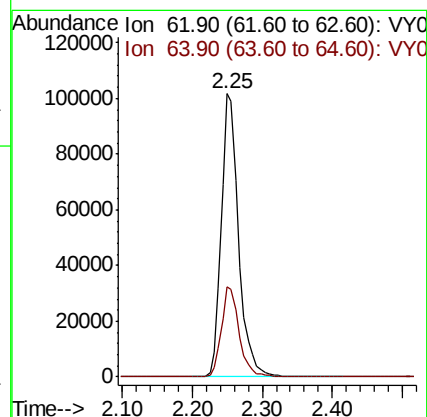
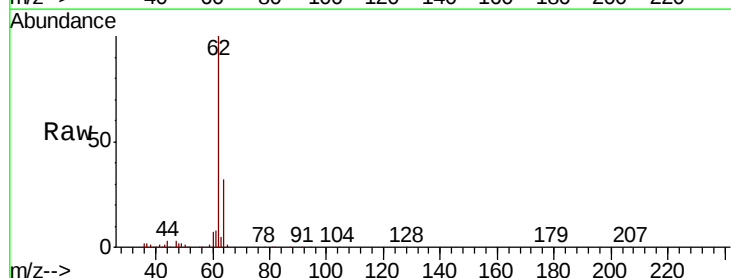
Acq: 18 Oct 2019 10:48

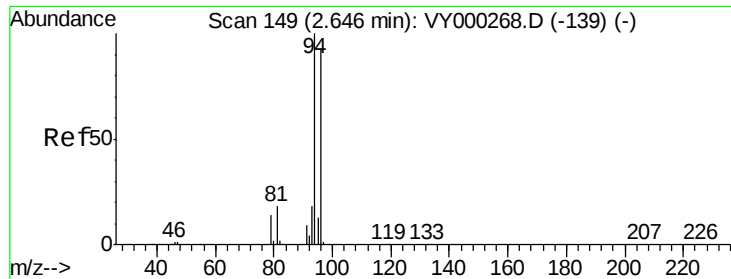
Tgt Ion: 62 Resp: 174430

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 40.975 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

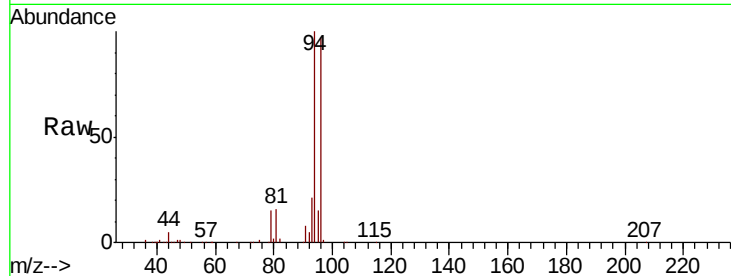
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 118677

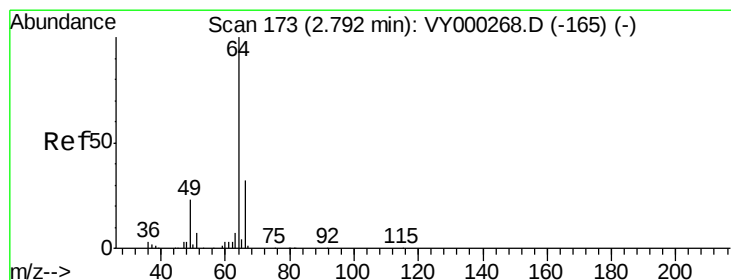
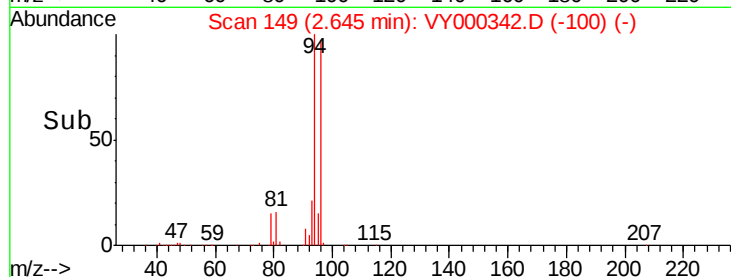
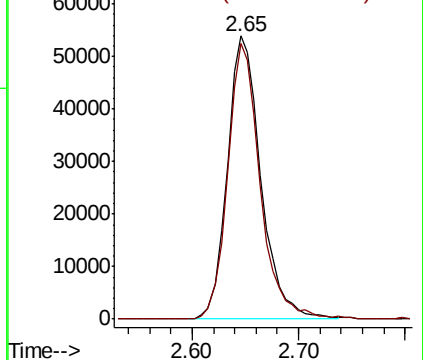
Ion Ratio Lower Upper

94 100

96 97.1 74.2 111.2



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



#6

Chloroethane

Concen: 45.550 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000342.D

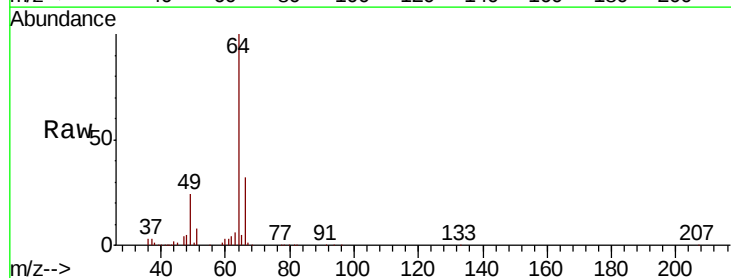
Acq: 18 Oct 2019 10:48

Tgt Ion: 64 Resp: 114860

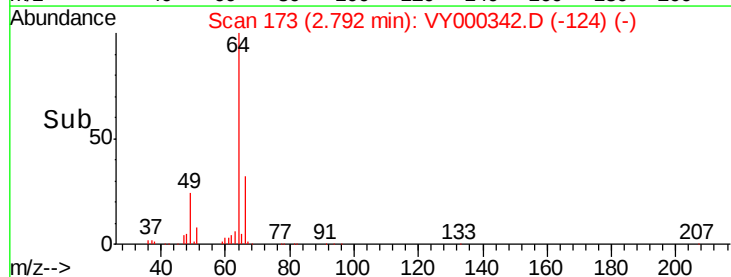
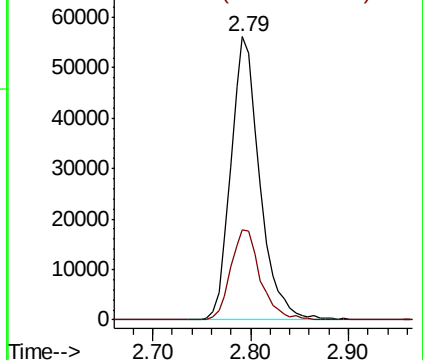
Ion Ratio Lower Upper

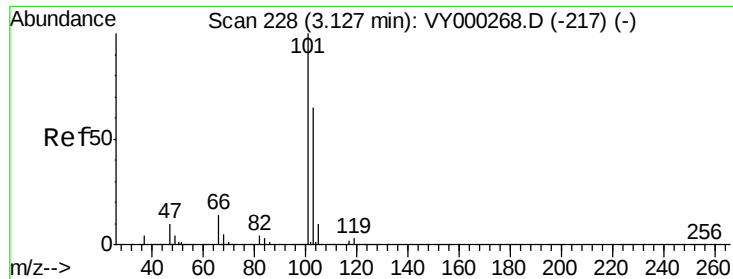
64 100

66 31.8 25.6 38.4



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



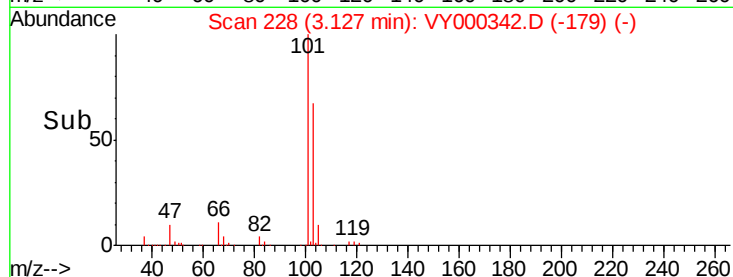
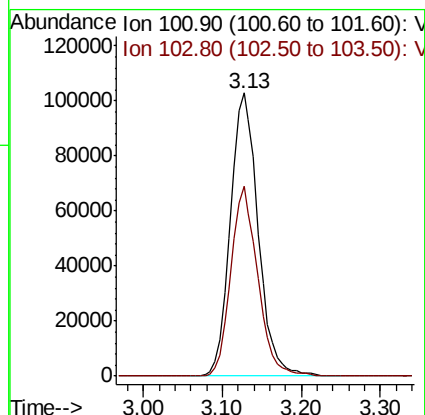
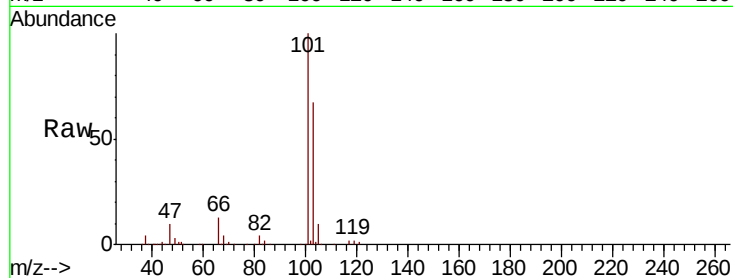


#7

Trichlorofluoromethane
 Concen: 47.098 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

Instrument :
 MSVOA_Y
 ClientSampled :

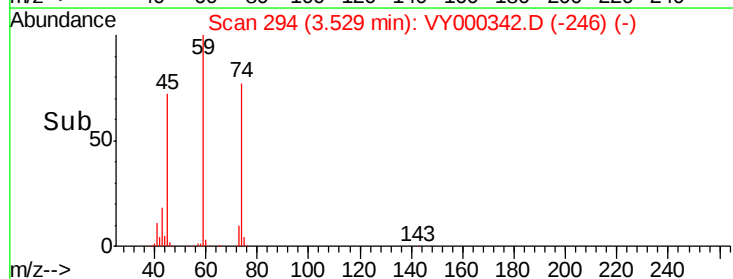
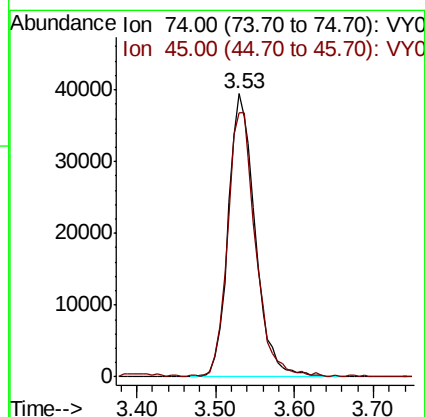
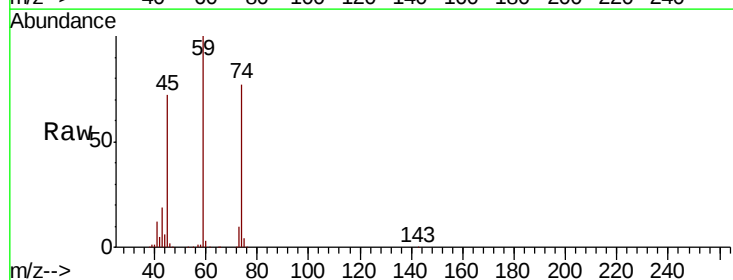
Tot Ion:101 Resp: 251777
 Ion Ratio Lower Upper
 101 100
 103 67.1 52.2 78.4

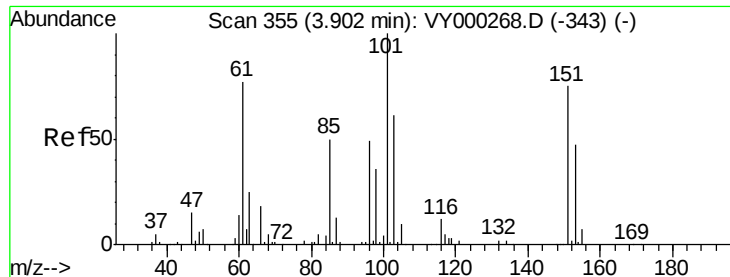


#8

Diethyl Ether
 Concen: 49.421 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

Tgt Ion: 74 Resp: 93334
 Ion Ratio Lower Upper
 74 100
 45 97.8 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.611 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :

MSVOA_Y

ClientSampleId :

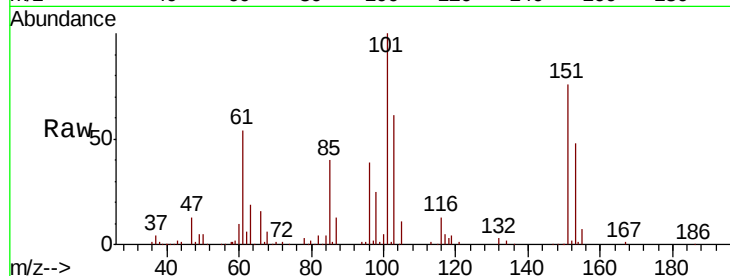
Tot Ion:101 Resp: 157598

Ion Ratio Lower Upper

101 100

85 45.0 36.6 55.0

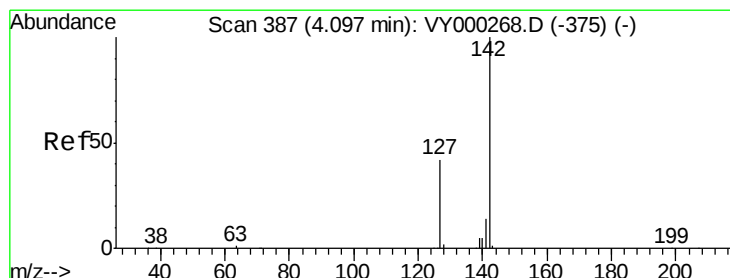
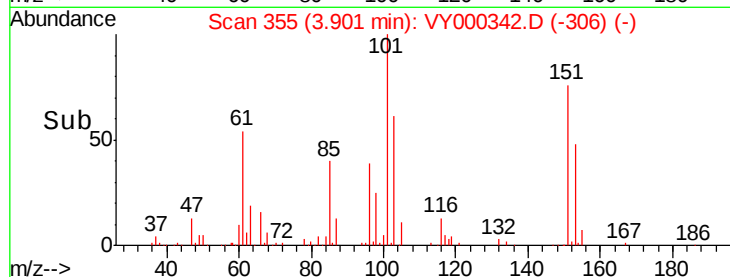
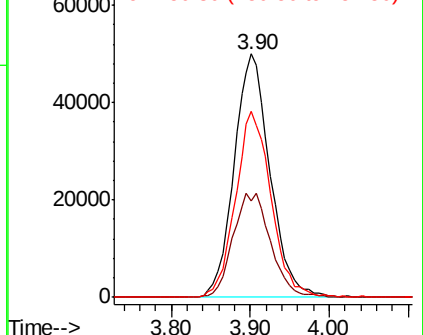
151 76.3 63.1 94.7



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: 46.971 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

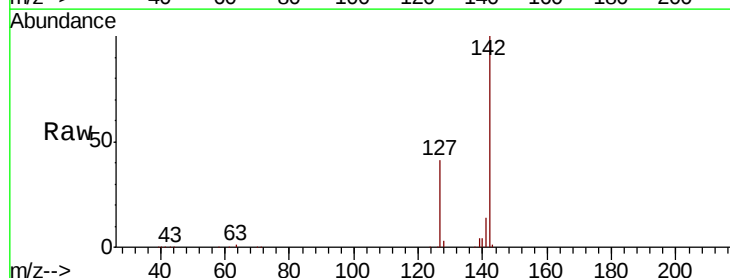
Tgt Ion:142 Resp: 216562

Ion Ratio Lower Upper

142 100

127 42.0 33.9 50.9

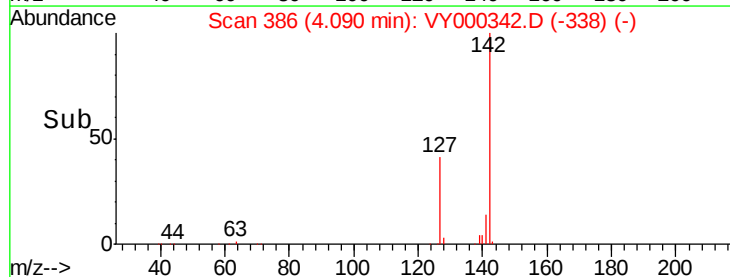
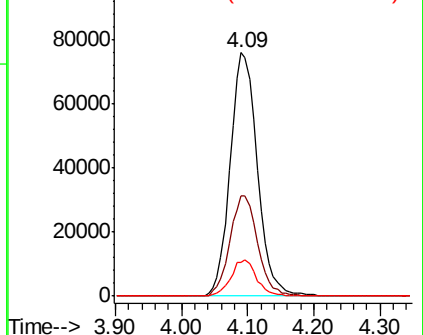
141 14.1 11.2 16.8

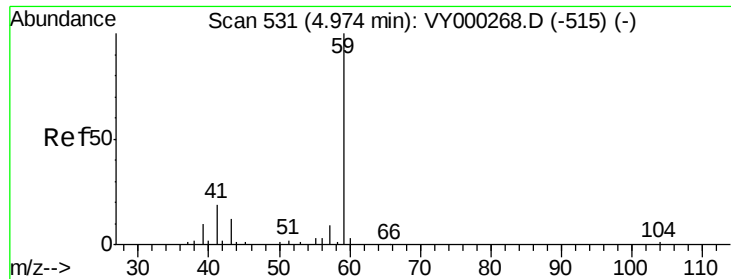


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

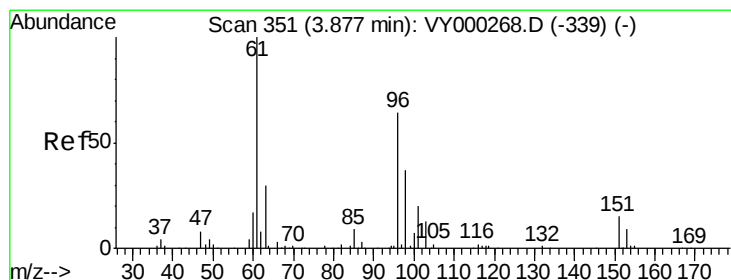
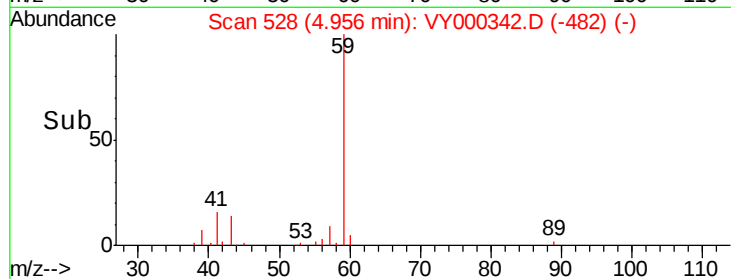
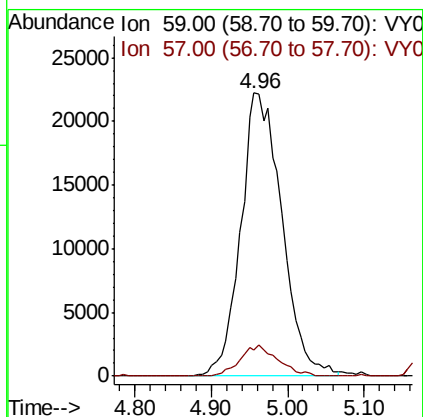
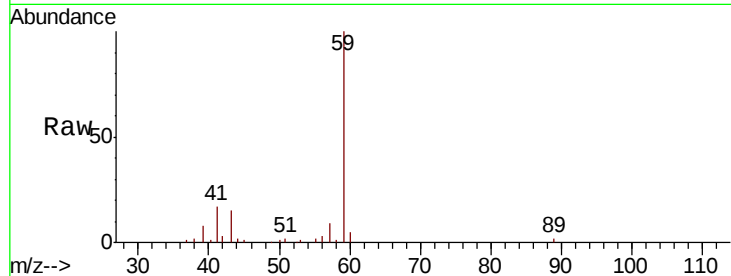




#11
Tert butyl alcohol
Concen: 237.673 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.02 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

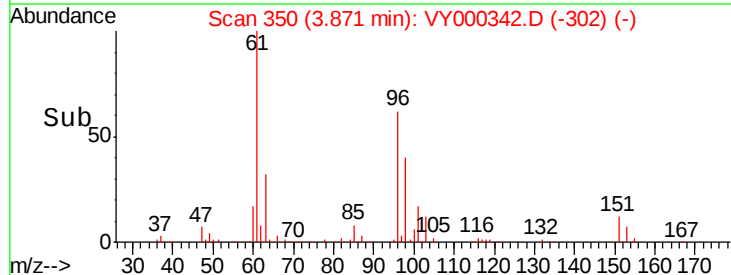
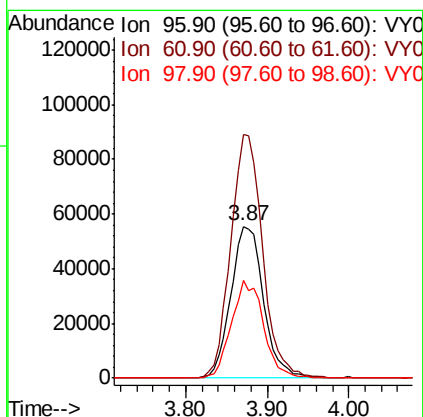
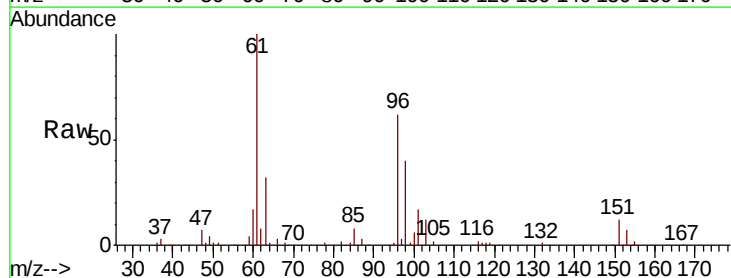
Instrument :
MSVOA_Y
ClientSampleId :

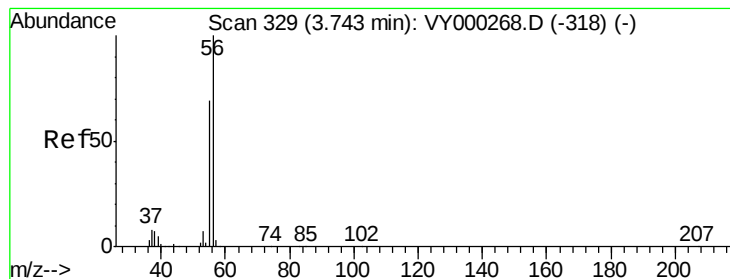
Tot Ion: 59 Resp: 83144
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.941 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Tgt Ion: 96 Resp: 153440
Ion Ratio Lower Upper
96 100
61 160.6 125.8 188.6
98 64.3 46.2 69.2





#13

Acrolein

Concen: 241.363 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :

MSVOA_Y

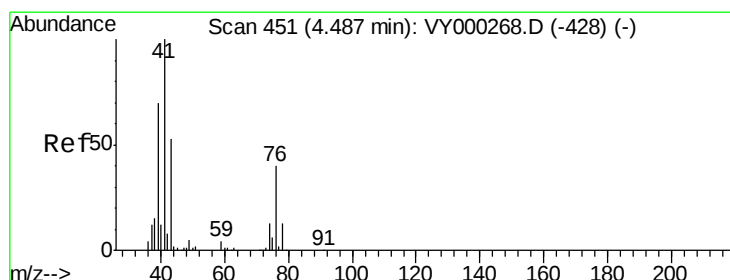
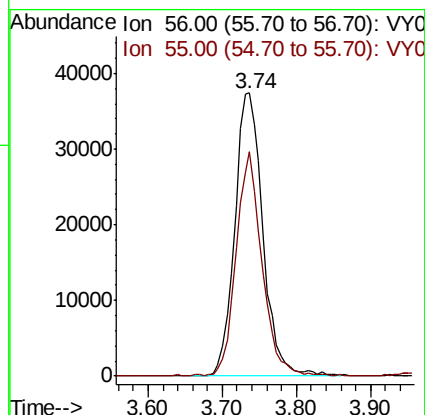
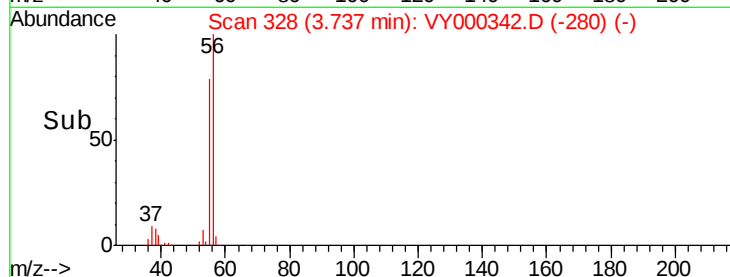
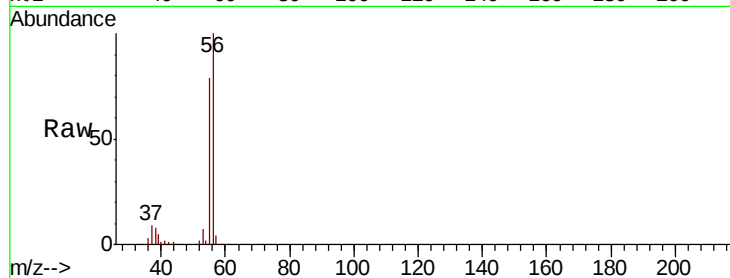
ClientSampleId :

Tot Ion: 56 Resp: 98991

Ion Ratio Lower Upper

56 100

55 72.5 55.7 83.5



#14

Allyl chloride

Concen: 50.156 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

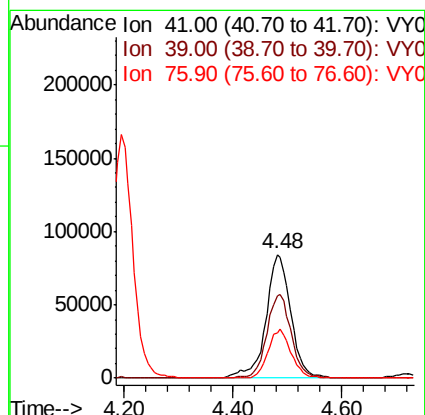
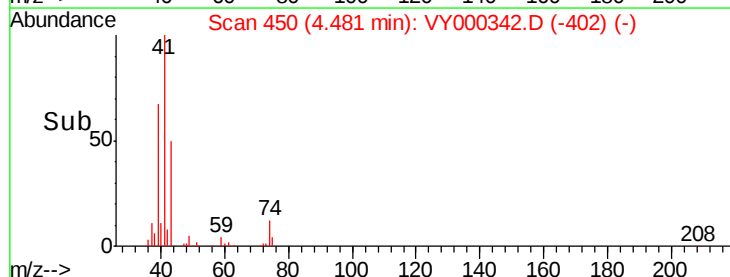
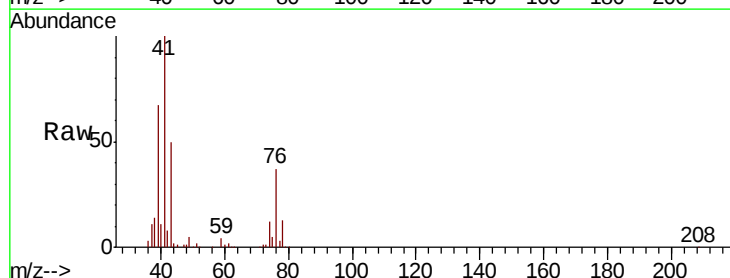
Tgt Ion: 41 Resp: 266025

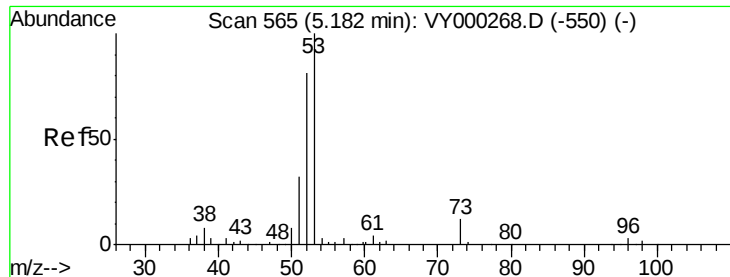
Ion Ratio Lower Upper

41 100

39 66.6 54.0 81.0

76 36.7 30.7 46.1





#15

Acrylonitrile

Concen: 249.046 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :
MSVOA_Y
ClientSampleId :

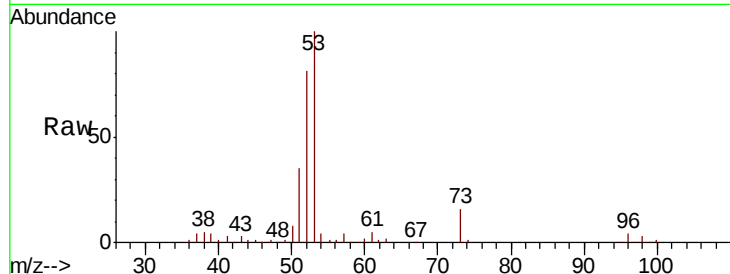
Tot Ion: 53 Resp: 263253

Ion Ratio Lower Upper

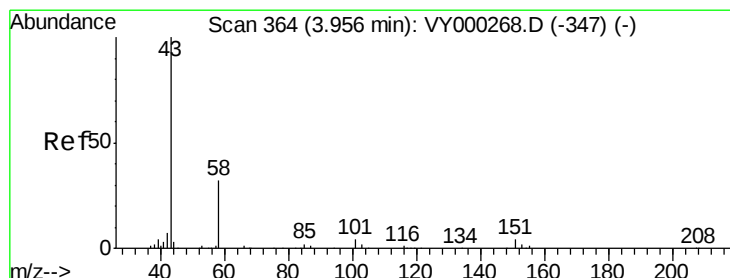
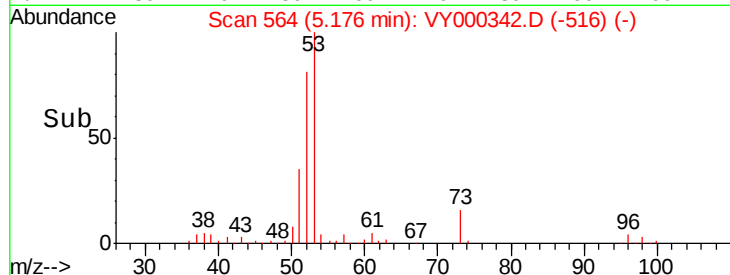
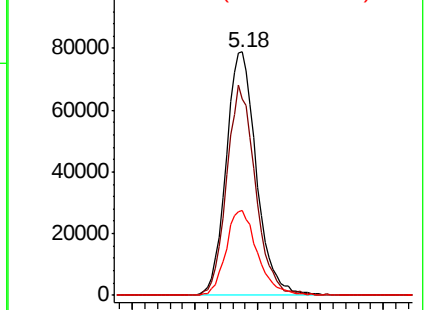
53 100

52 81.9 62.9 94.3

51 36.3 26.9 40.3



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



#16

Acetone

Concen: 238.267 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000342.D

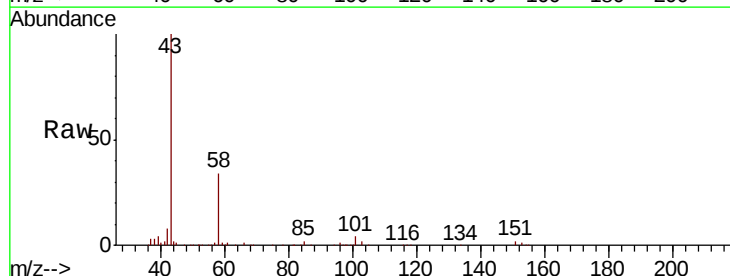
Acq: 18 Oct 2019 10:48

Tgt Ion: 43 Resp: 257933

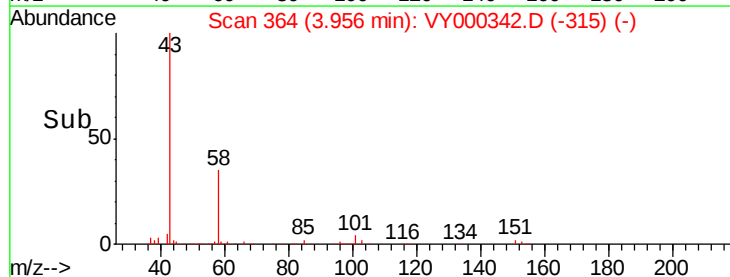
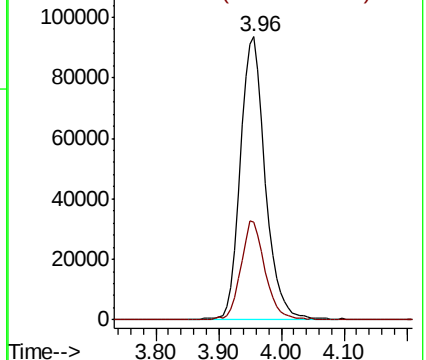
Ion Ratio Lower Upper

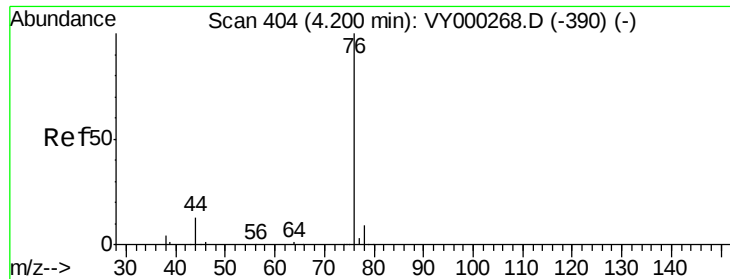
43 100

58 34.3 25.8 38.6



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

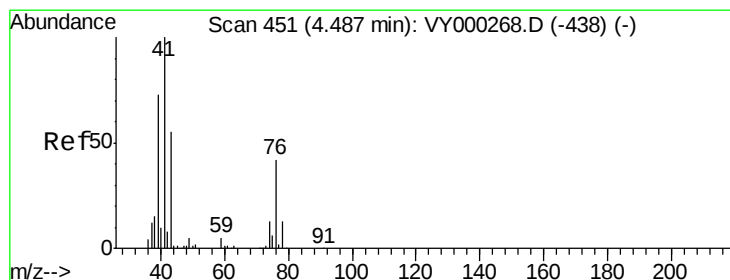
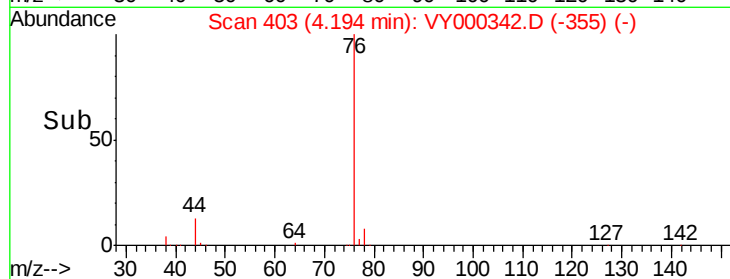
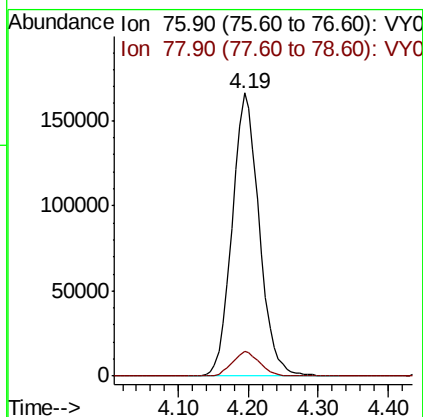
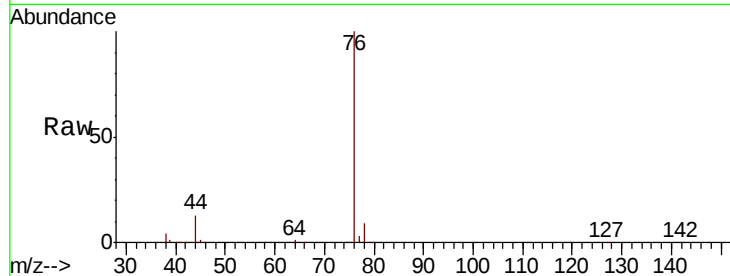




#17
Carbon Disulfide
Concen: 44.298 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

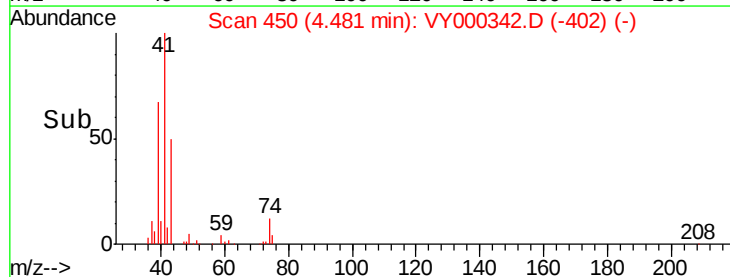
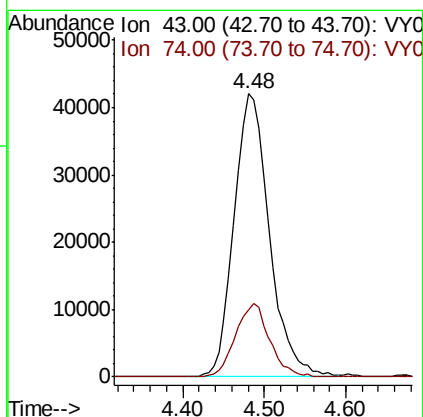
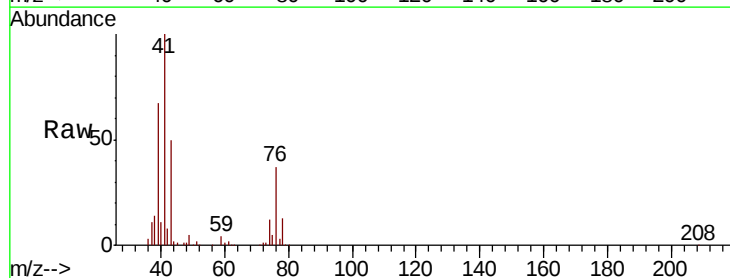
Instrument :
MSVOA_Y
ClientSampleId :

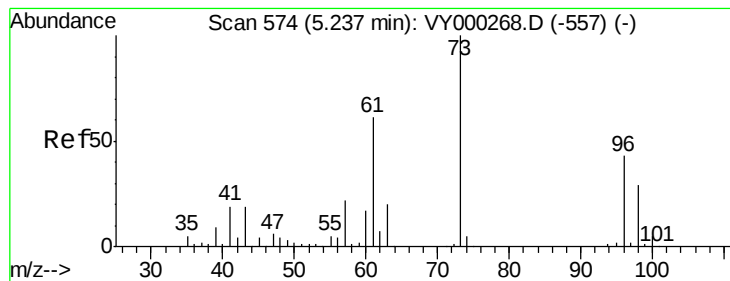
Tot Ion: 76 Resp: 446394
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 46.971 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Tgt Ion: 43 Resp: 126336
Ion Ratio Lower Upper
43 100
74 24.9 20.4 30.6



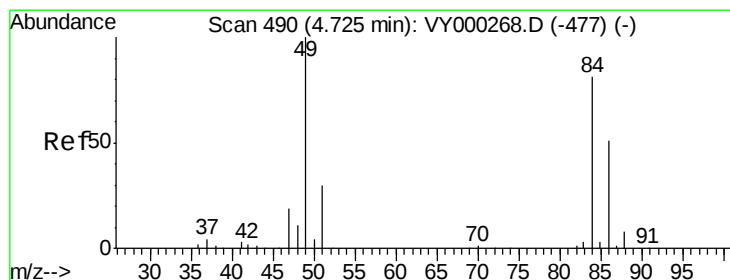
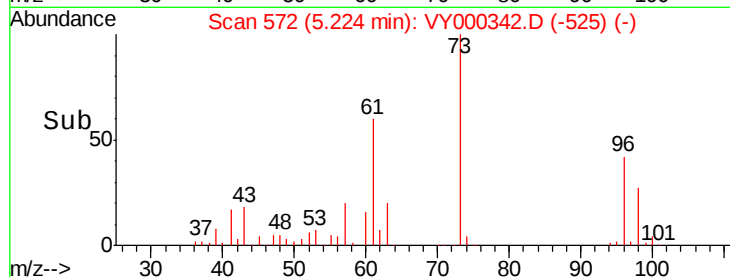
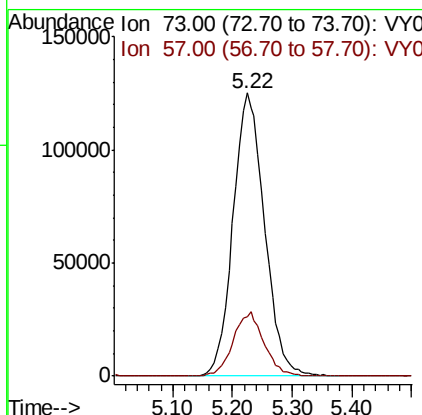
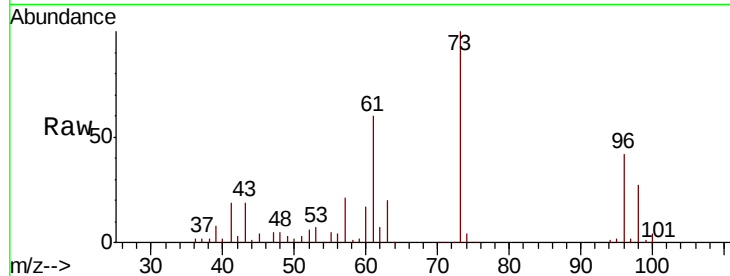


#19

Methyl tert-butyl Ether
 Concen: 51.569 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

Instrument :
 MSVOA_Y
 ClientSampleID :

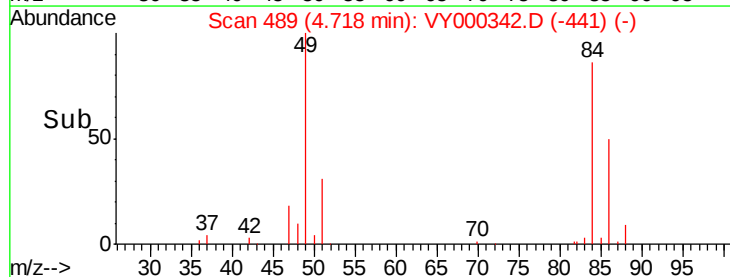
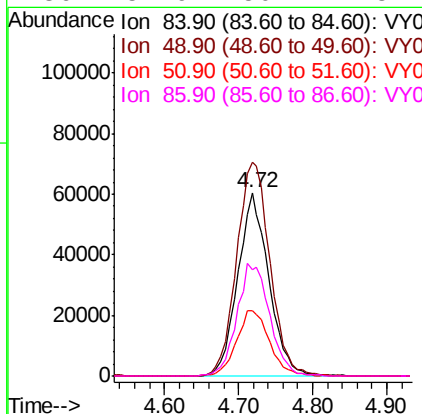
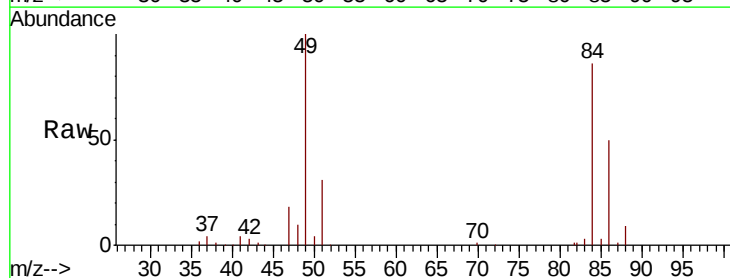
Tot Ion: 73 Resp: 459471
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.4 26.0

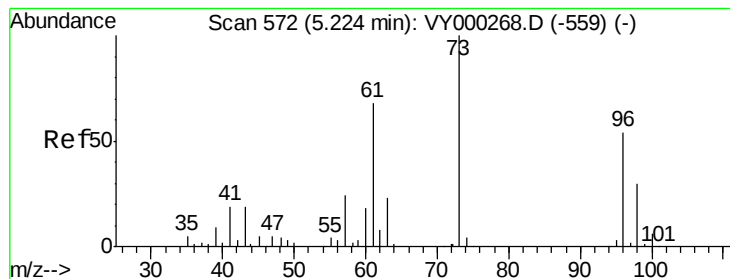


#20

Methylene Chloride
 Concen: 48.325 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

Tgt Ion: 84 Resp: 176925
 Ion Ratio Lower Upper
 84 100
 49 116.3 99.0 148.4
 51 35.9 29.3 43.9
 86 57.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 46.965 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :

MSVOA_Y

ClientSampleId :

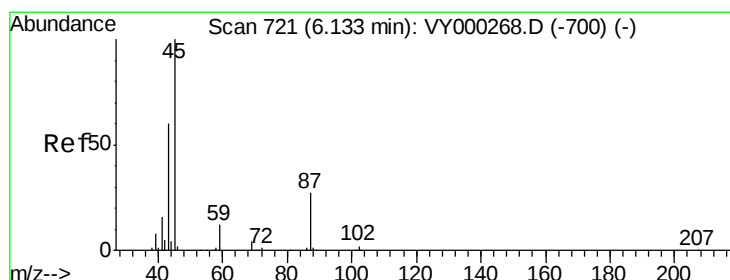
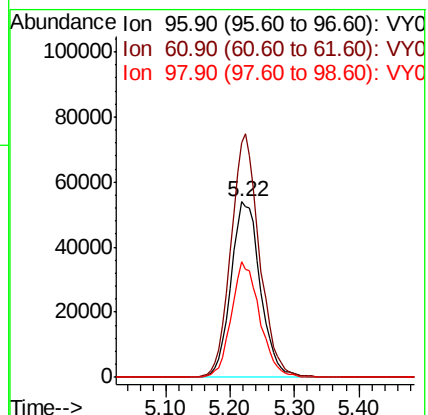
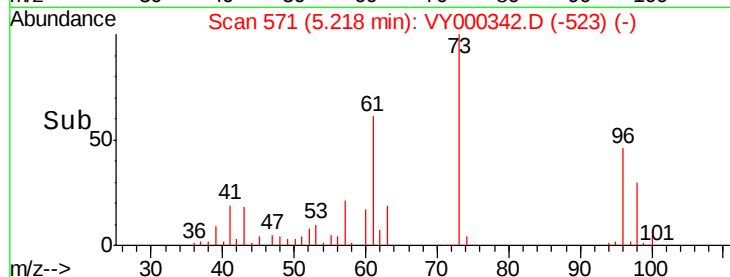
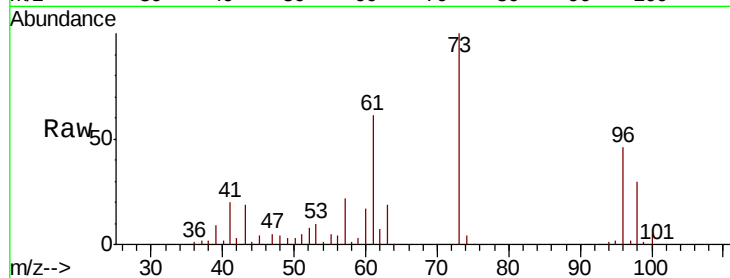
Tot Ion: 96 Resp: 172458

Ion Ratio Lower Upper

96 100

61 133.3 100.4 150.6

98 65.8 44.6 66.8



#22

Diisopropyl ether

Concen: 52.336 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Tgt Ion: 45 Resp: 587101

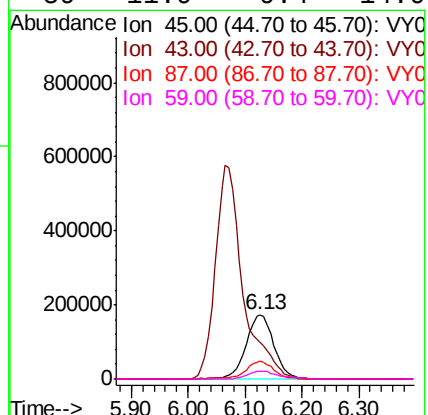
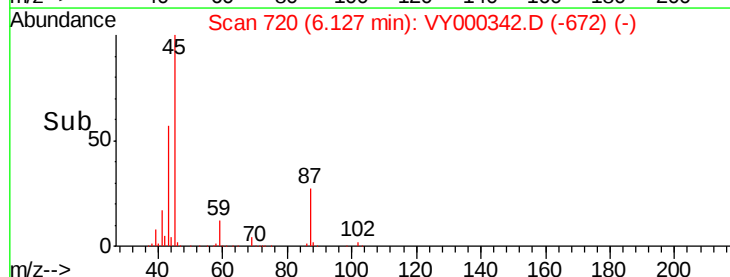
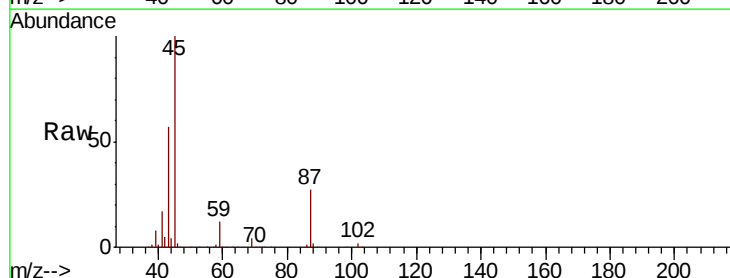
Ion Ratio Lower Upper

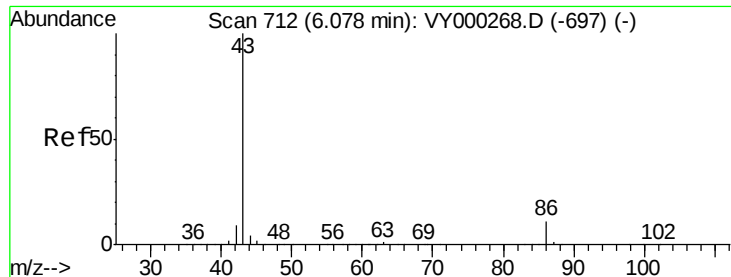
45 100

43 56.7 48.5 72.7

87 27.2 21.5 32.3

59 11.9 9.4 14.0





#23

Vinyl Acetate

Concen: 263.752 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

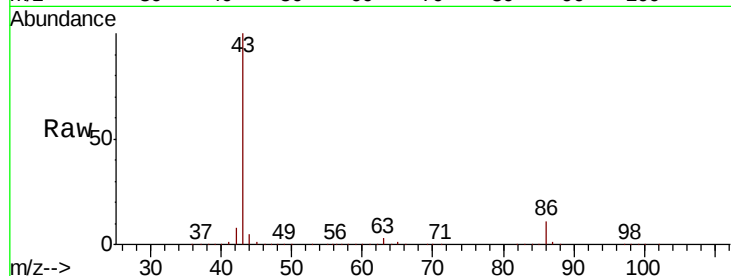
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1930266

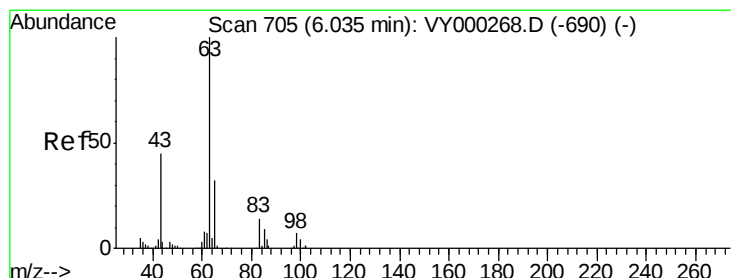
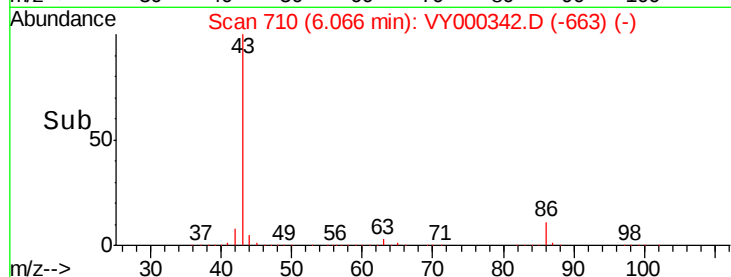
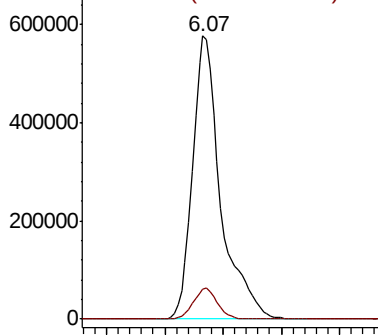
Ion Ratio Lower Upper

43 100

86 10.5 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: 50.822 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

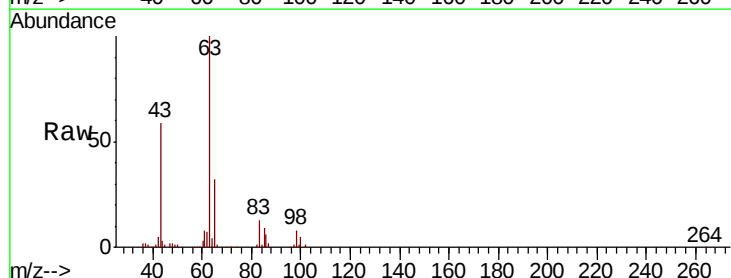
Tgt Ion: 63 Resp: 311193

Ion Ratio Lower Upper

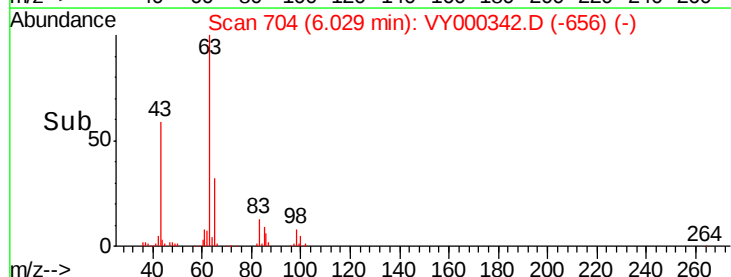
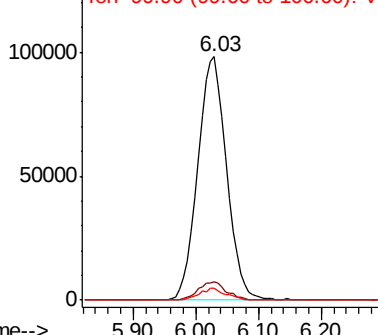
63 100

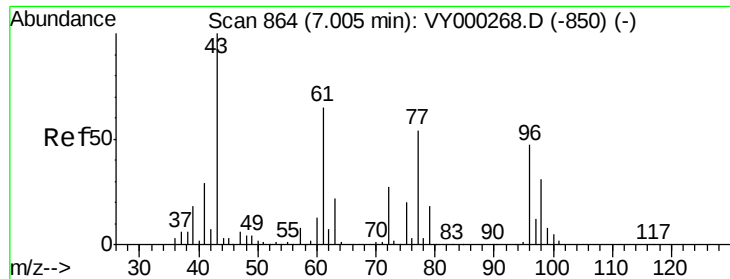
98 7.7 3.5 10.4

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
Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 269.931 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

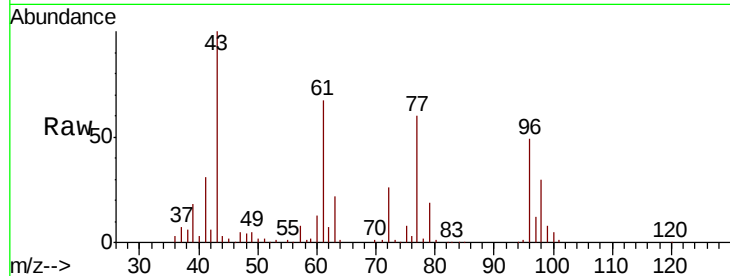
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 411632

Ion Ratio Lower Upper

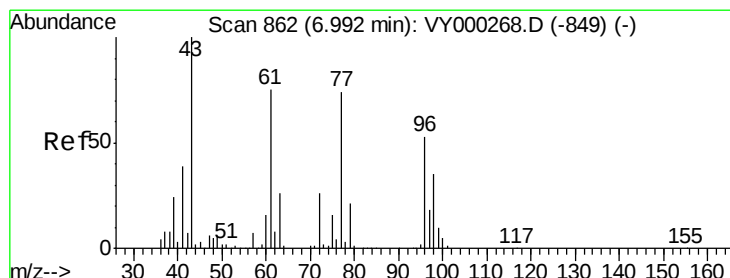
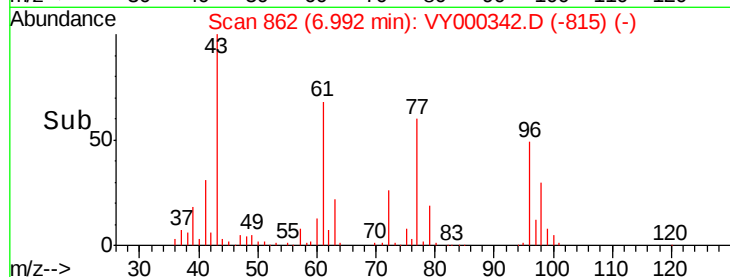
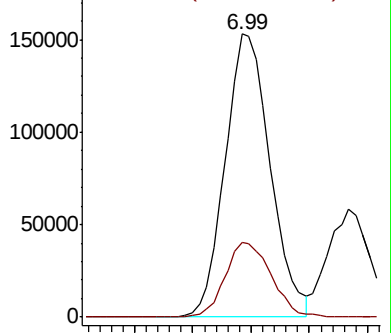
43 100

72 26.4 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: 49.304 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000342.D

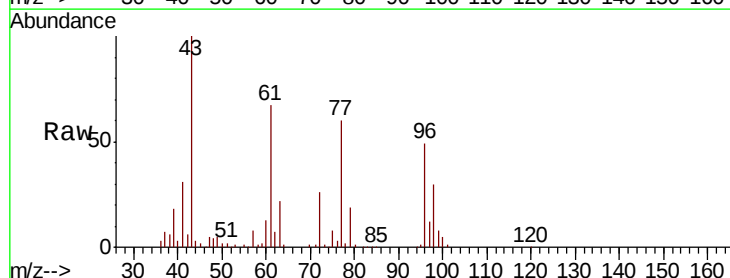
Acq: 18 Oct 2019 10:48

Tgt Ion: 77 Resp: 278191

Ion Ratio Lower Upper

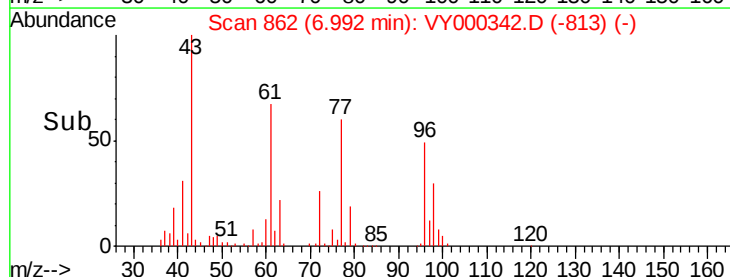
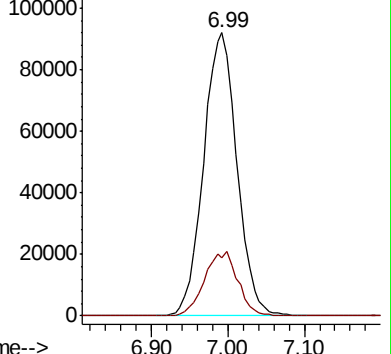
77 100

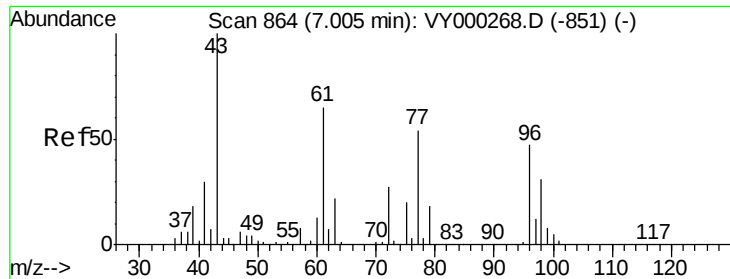
97 22.7 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



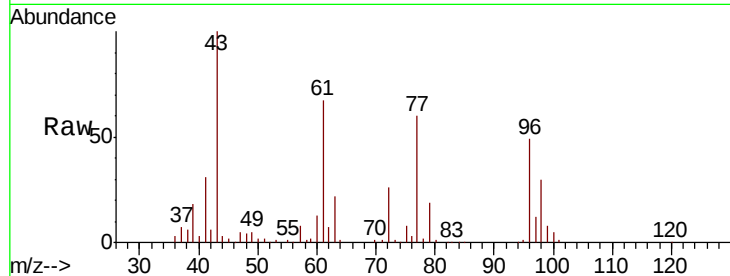


#27

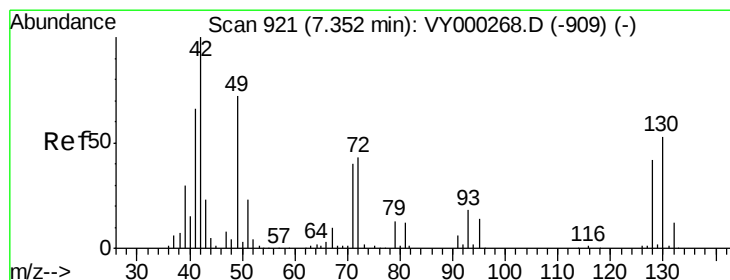
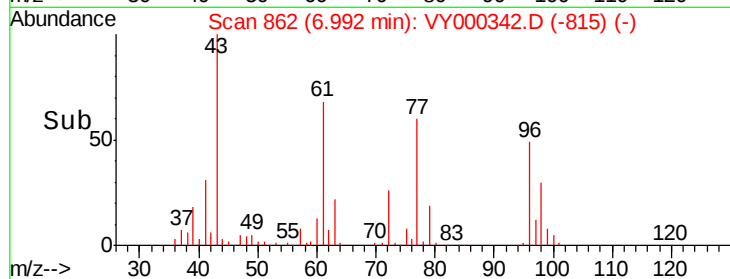
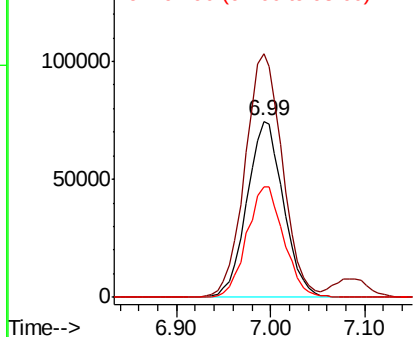
cis-1,2-Dichloroethene
Concen: 50.802 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 201858
Ion Ratio Lower Upper
96 100
61 142.2 0.0 289.8
98 63.6 0.0 131.8



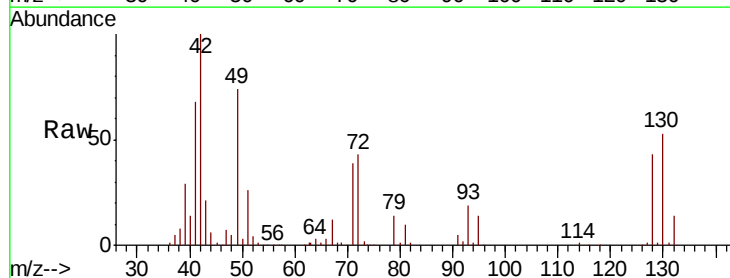
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



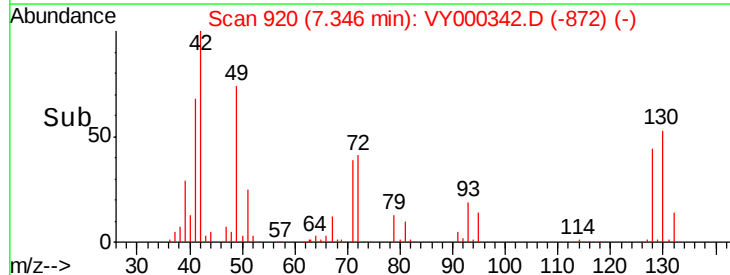
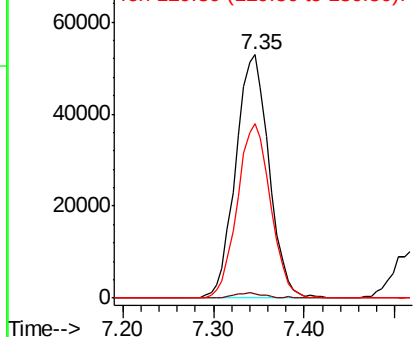
#28

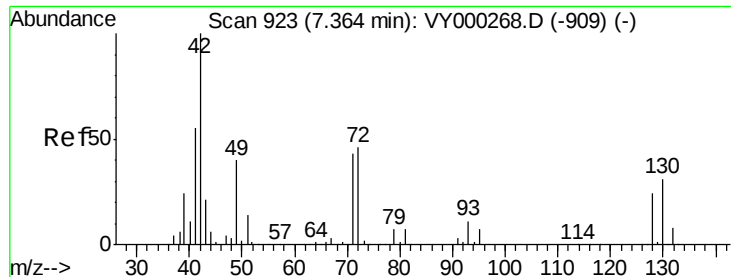
Bromochloromethane
Concen: 51.172 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Tgt Ion: 49 Resp: 134510
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 71.7 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

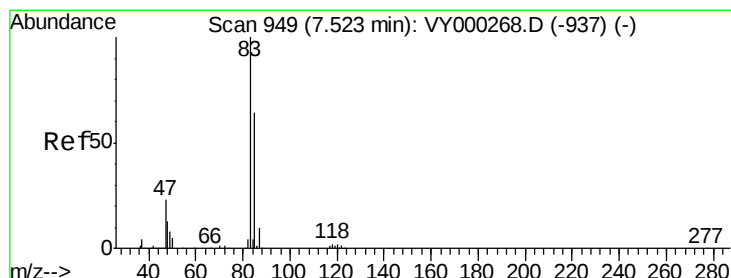
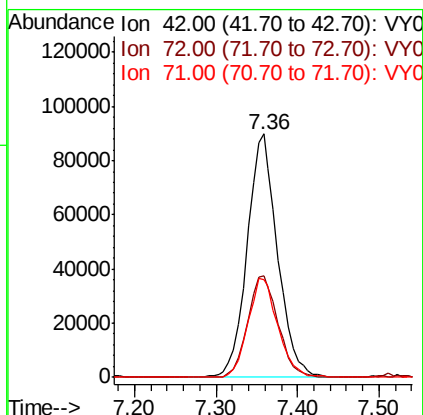
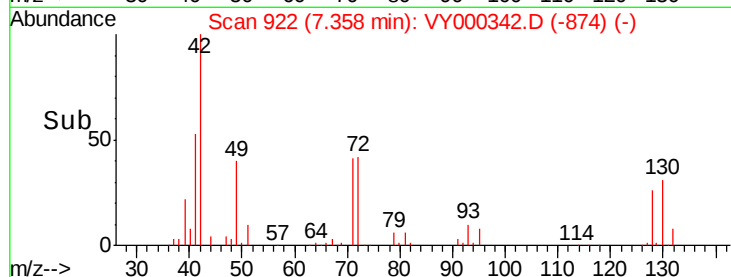
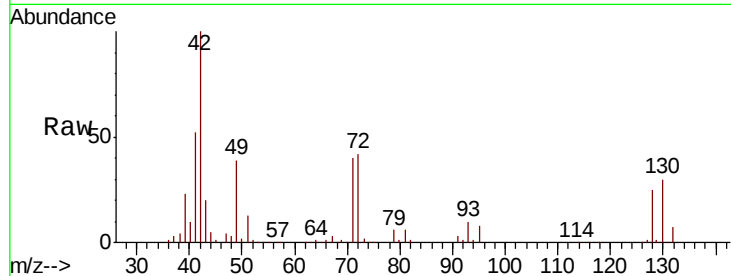




#29
Tetrahydrofuran
Concen: 251.910 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

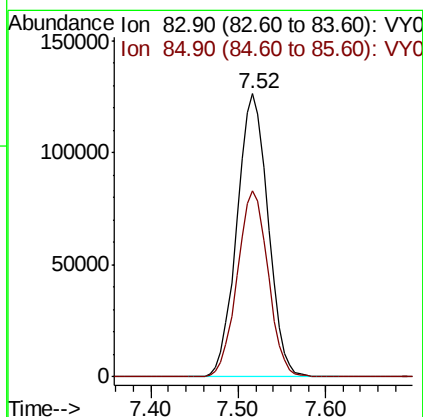
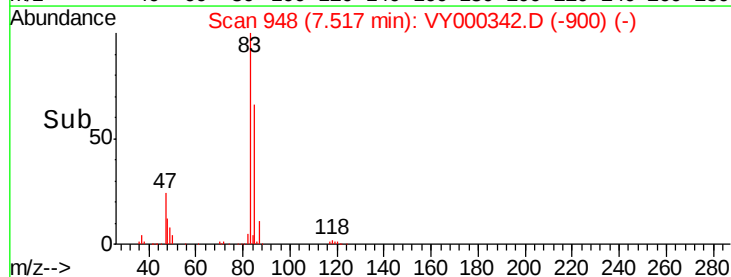
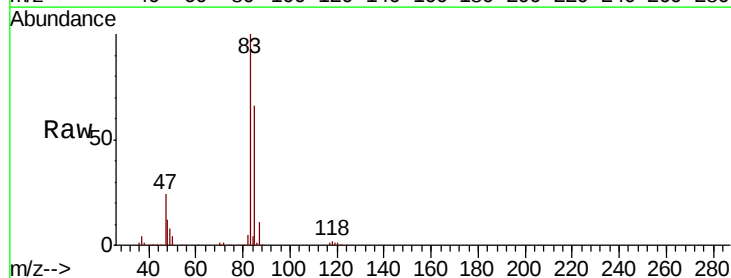
Instrument :
MSVOA_Y
ClientSampled :

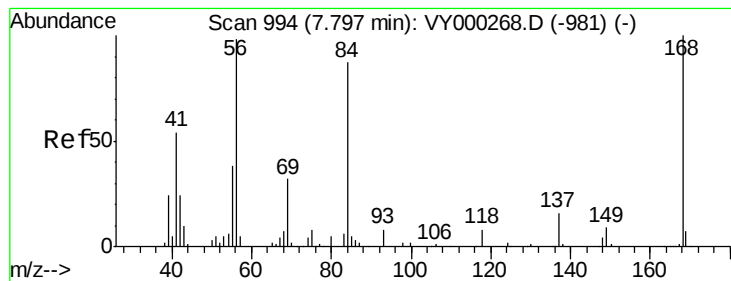
Tot Ion: 42 Resp: 232810
Ion Ratio Lower Upper
42 100
72 41.9 34.5 51.7
71 40.0 32.7 49.1



#30
Chloroform
Concen: 50.802 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Tgt Ion: 83 Resp: 313268
Ion Ratio Lower Upper
83 100
85 65.8 51.4 77.2





#31

Cyclohexane

Concen: 46.658 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :
MSVOA_Y
ClientSampleId :

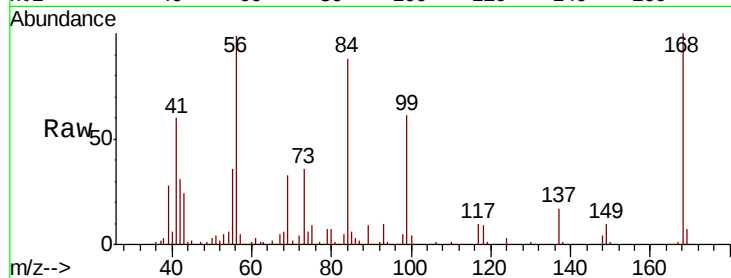
Tot Ion: 56 Resp: 298394

Ion Ratio Lower Upper

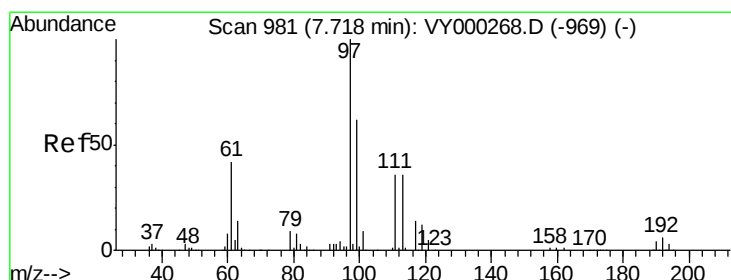
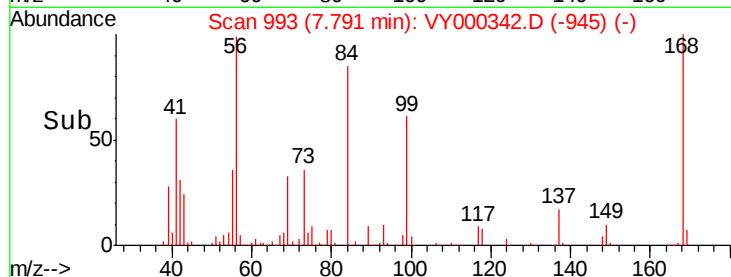
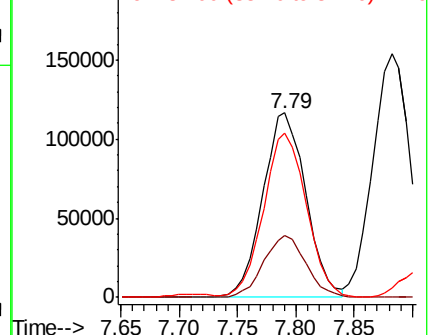
56 100

69 33.3 26.3 39.5

84 87.3 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: 49.880 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

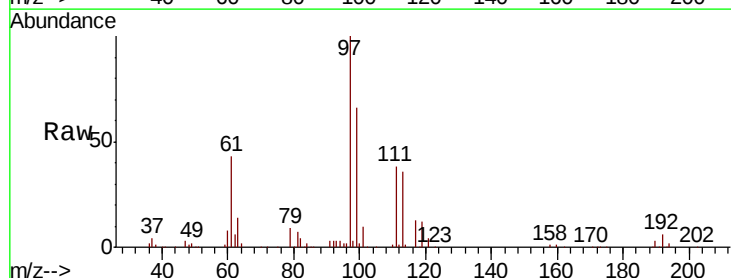
Tgt Ion: 97 Resp: 273455

Ion Ratio Lower Upper

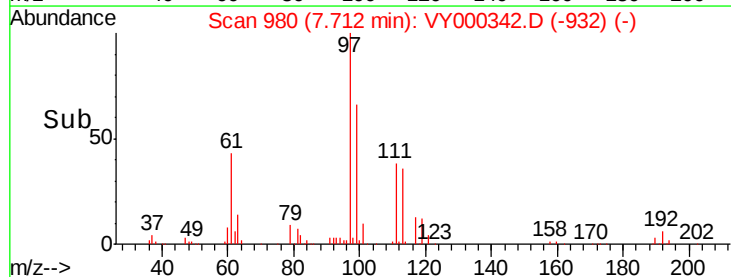
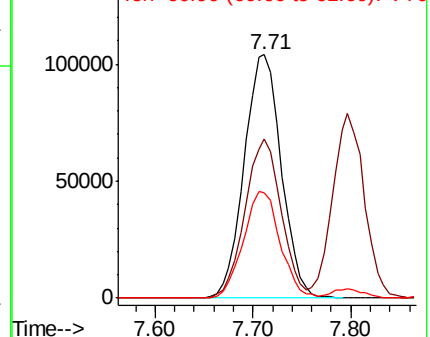
97 100

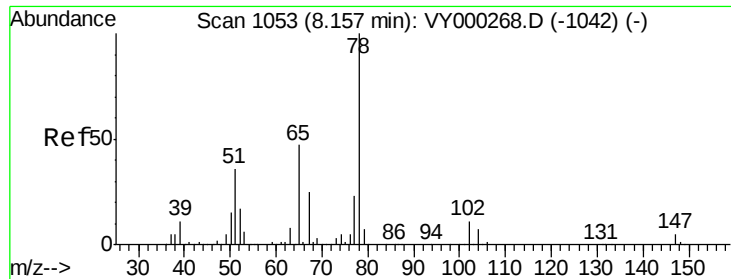
99 63.7 51.7 77.5

61 43.5 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: 48.830 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :

MSVOA_Y

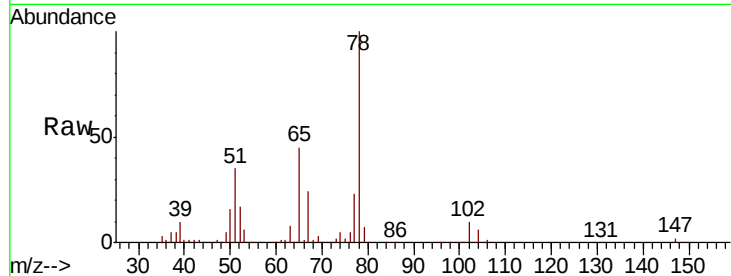
ClientSampleId :

Tot Ion: 65 Resp: 163227

Ion Ratio Lower Upper

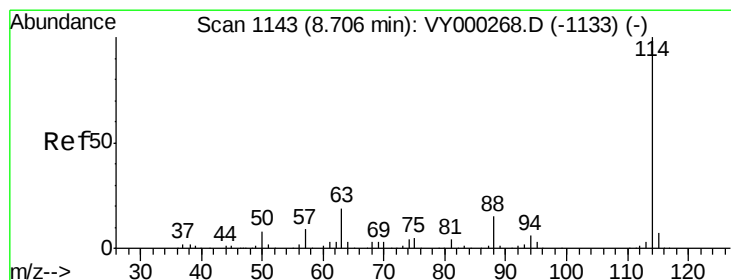
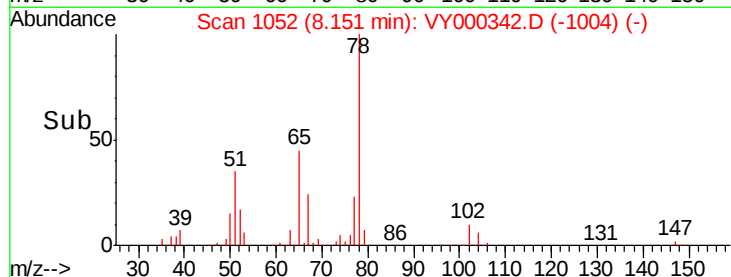
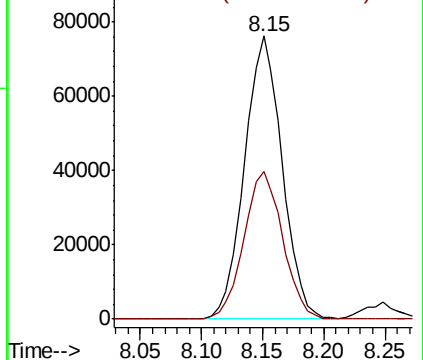
65 100

67 53.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

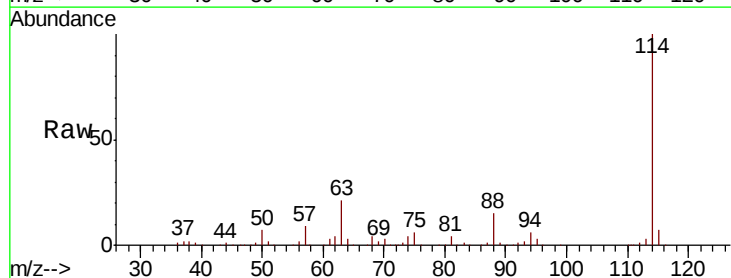
Tgt Ion: 114 Resp: 523754

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.2

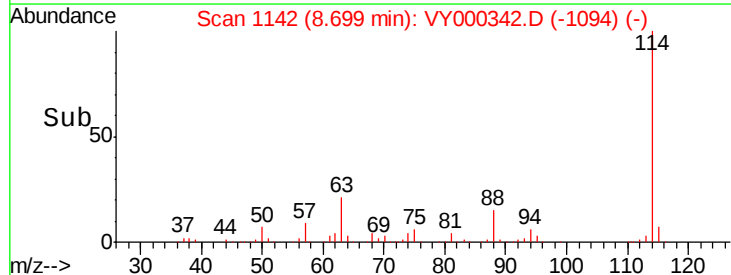
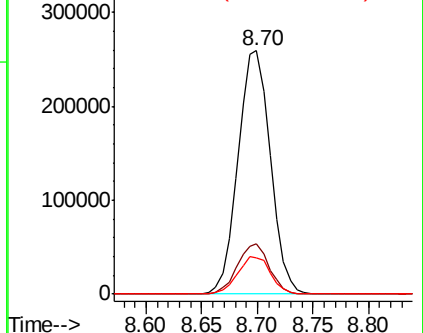
88 14.9 0.0 30.2

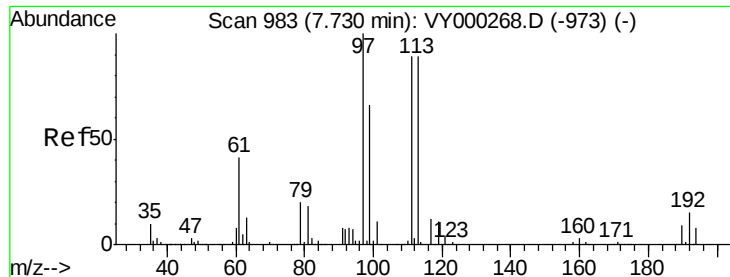


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 45.963 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :
MSVOA_Y
ClientSampleId :

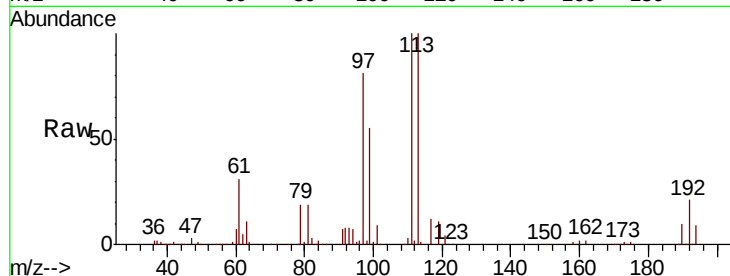
Tot Ion:113 Resp: 145211

Ion Ratio Lower Upper

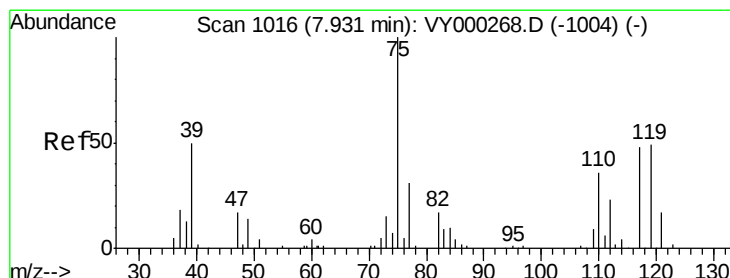
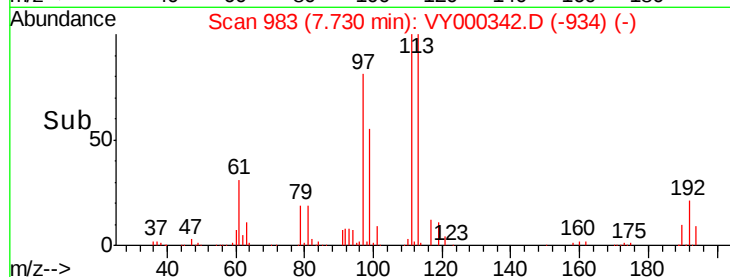
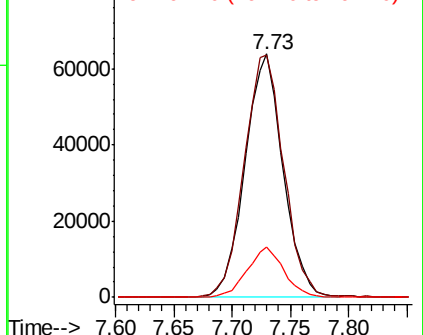
113 100

111 104.0 81.6 122.4

192 20.0 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: 47.669 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

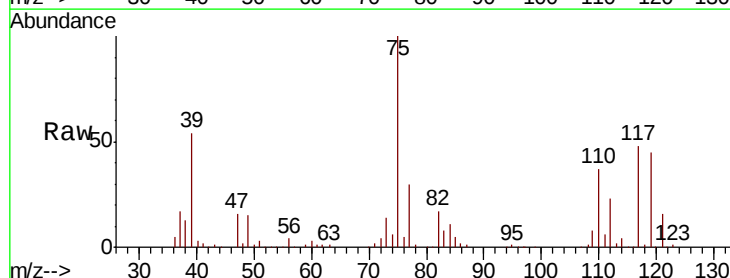
Tgt Ion: 75 Resp: 244442

Ion Ratio Lower Upper

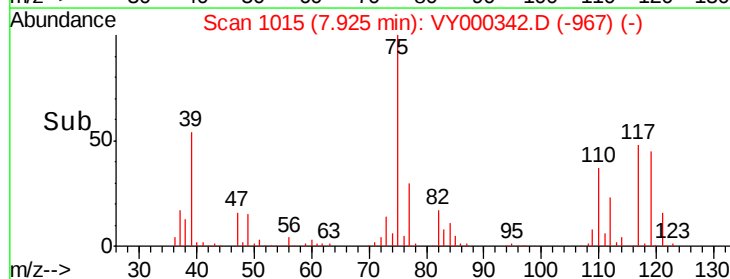
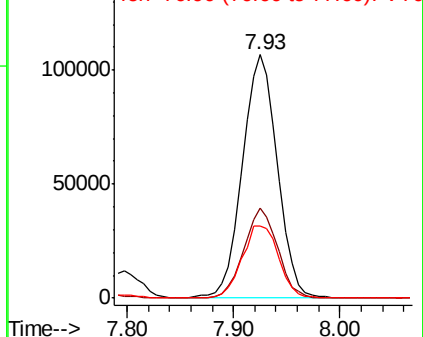
75 100

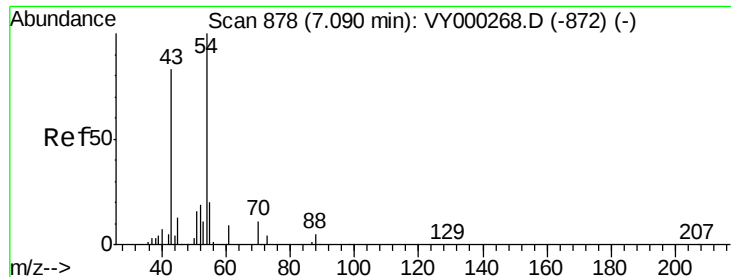
110 35.9 18.4 55.4

77 31.5 25.0 37.6



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

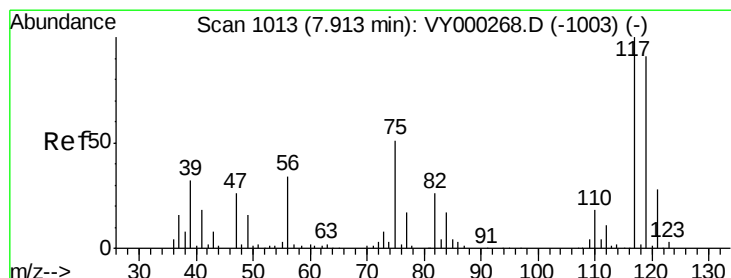
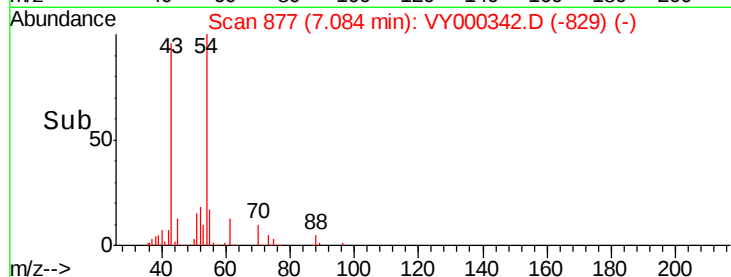
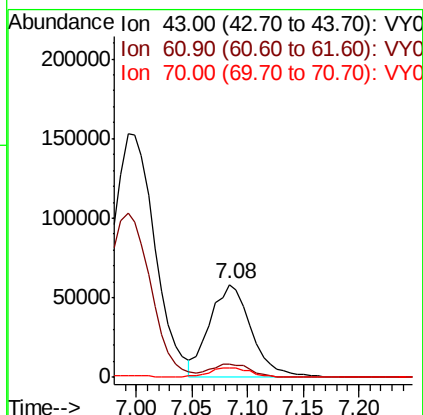
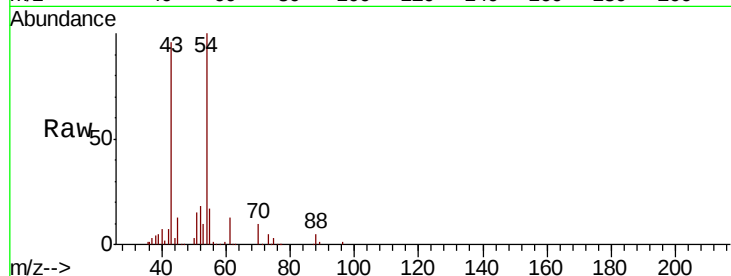




#37
Ethyl Acetate
Concen: 49.503 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

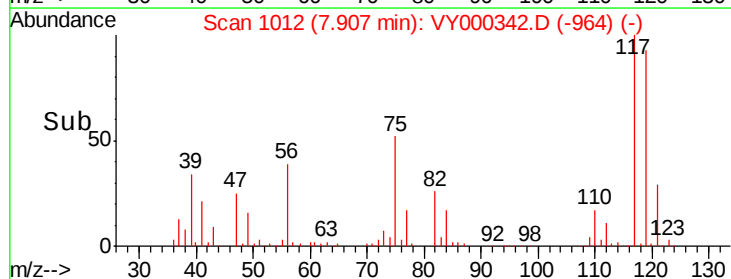
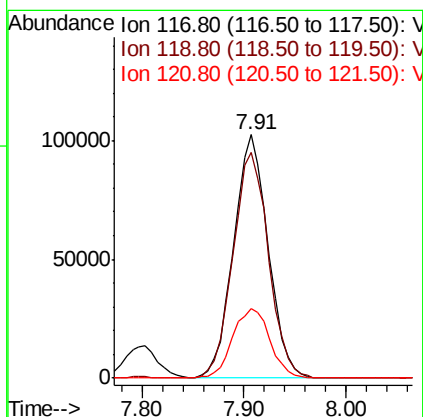
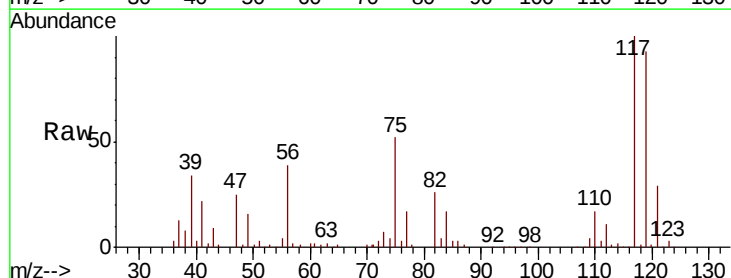
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 150307
Ion Ratio Lower Upper
43 100
61 14.0 12.1 18.1
70 10.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 48.349 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Tgt Ion: 117 Resp: 240054
Ion Ratio Lower Upper
117 100
119 92.7 72.8 109.2
121 28.7 22.2 33.2

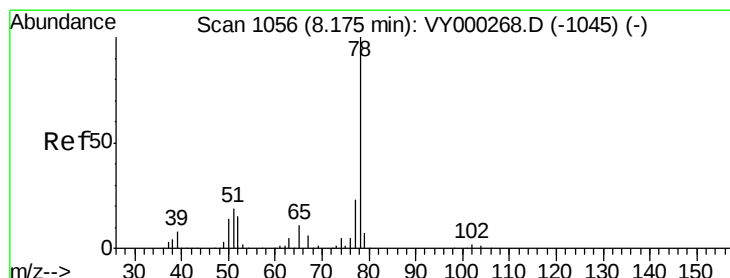
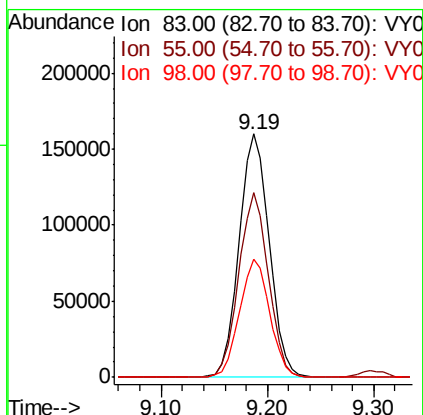
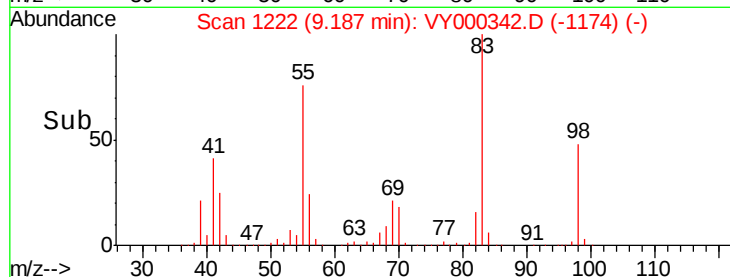
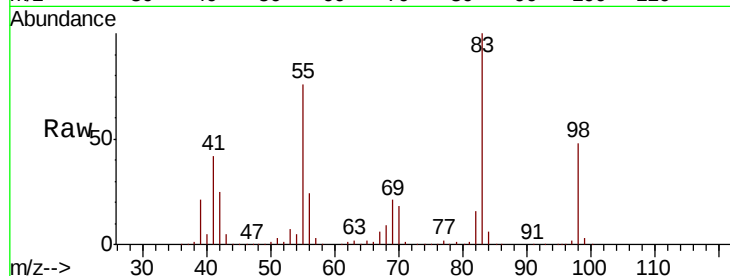




#39
Methvlcvclohexane
Concen: 47.476 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

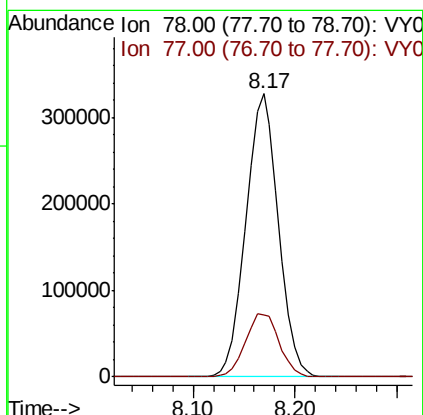
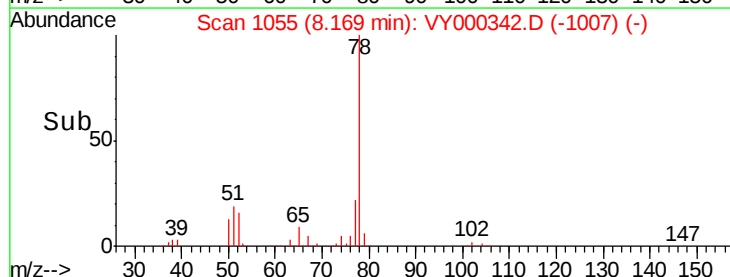
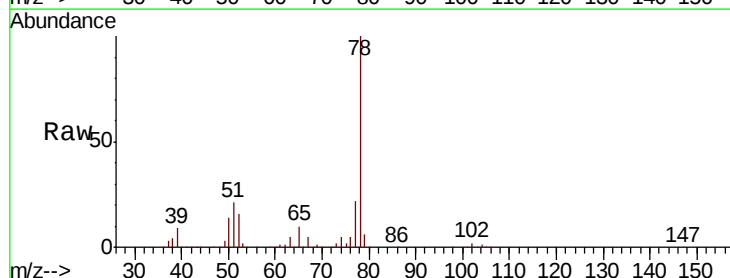
Instrument :
MSVOA_Y
ClientSampleId :

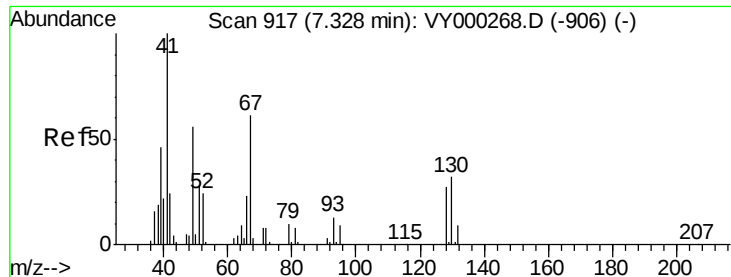
Tot Ion: 83 Resp: 318628
Ion Ratio Lower Upper
83 100
55 75.9 60.9 91.3
98 48.3 41.8 62.6



#40
Benzene
Concen: 48.998 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Tgt Ion: 78 Resp: 726100
Ion Ratio Lower Upper
78 100
77 22.0 18.8 28.2





#41

Methacrylonitrile

Concen: 144.124 ug/l

RT: 7.35 min Scan# 921

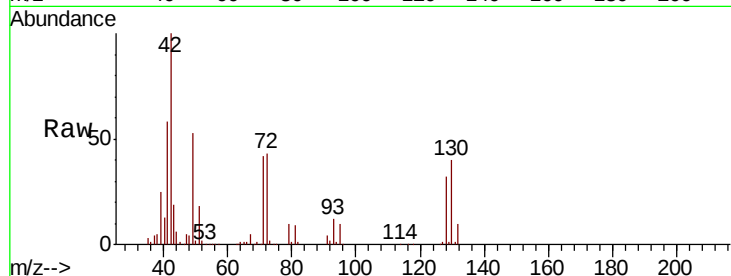
Delta R.T. 0.02 min

Lab File: VY000342.D

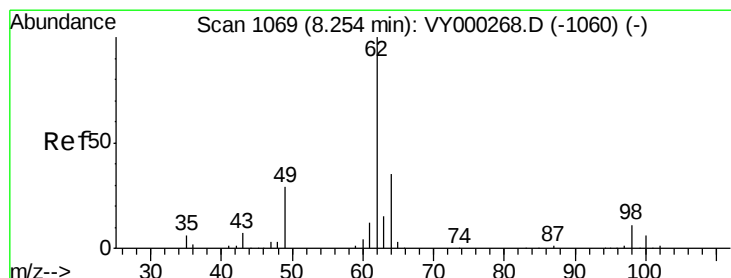
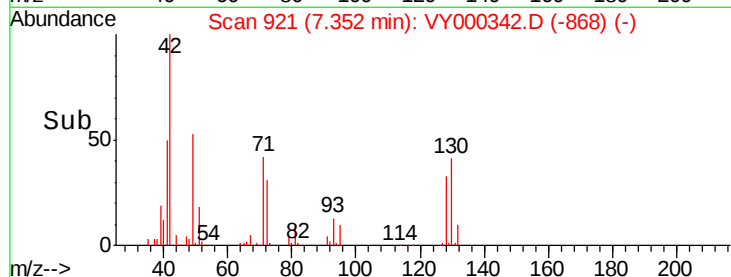
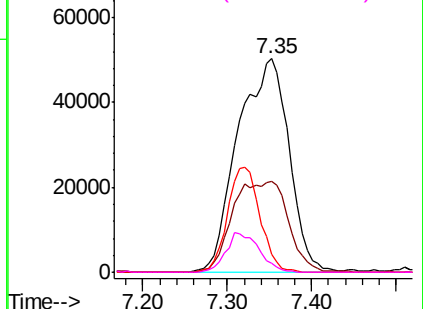
Acq: 18 Oct 2019 10:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	208301
Ion	Ratio	Lower	Upper
41	100		
39	46.4	110.2	165.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



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



#42

1,2-Dichloroethane

Concen: 48.881 ug/l

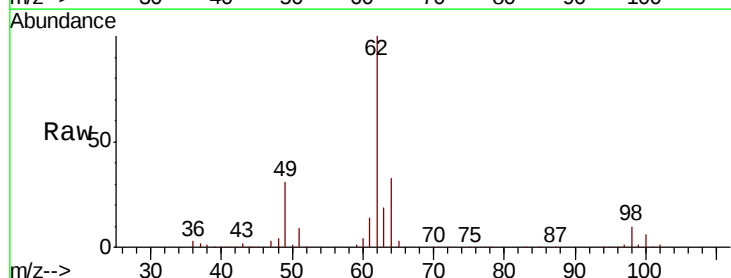
RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

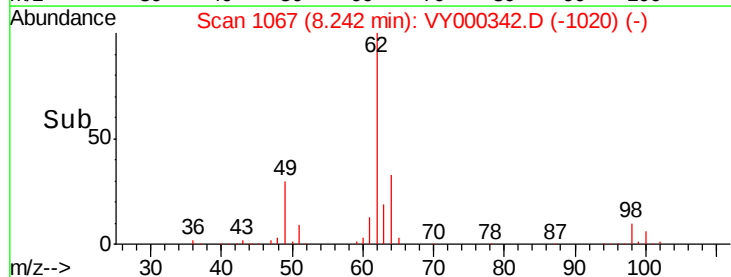
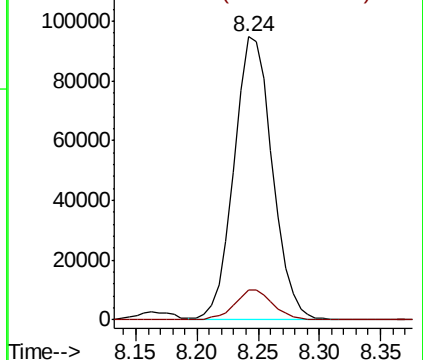
Lab File: VY000342.D

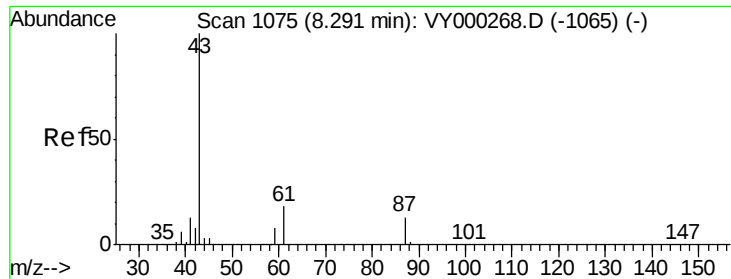
Acq: 18 Oct 2019 10:48

Tgt Ion:	62	Resp:	206913
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.6



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

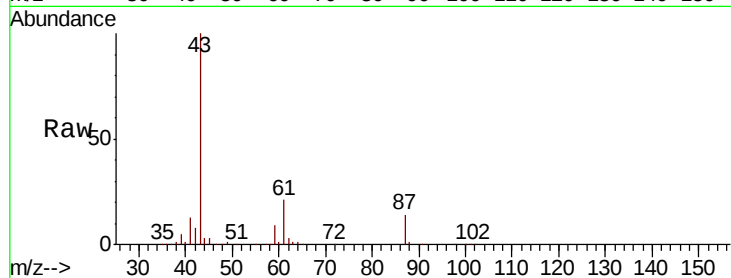




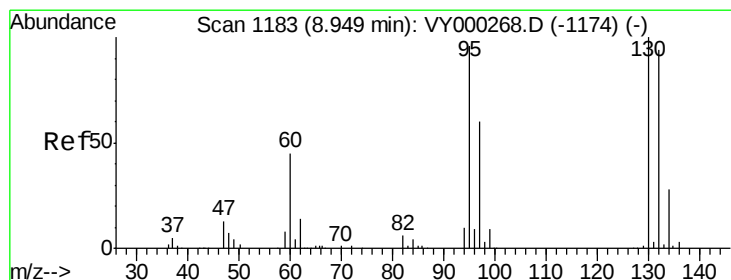
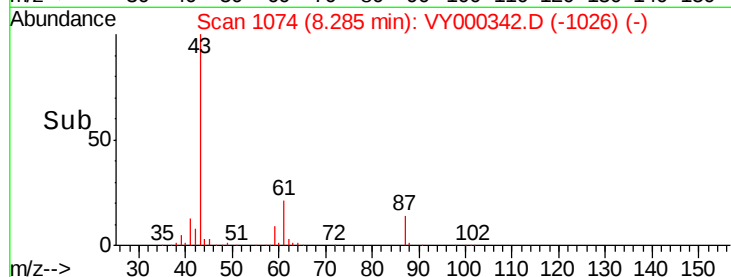
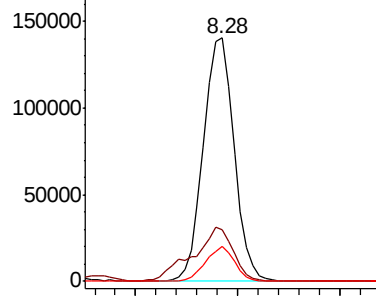
#43
Isopropyl Acetate
Concen: 50.763 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 293073
Ion Ratio Lower Upper
43 100
61 29.1 22.3 33.5
87 13.6 10.9 16.3

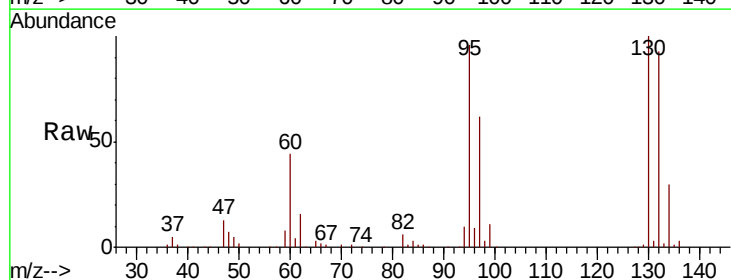


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

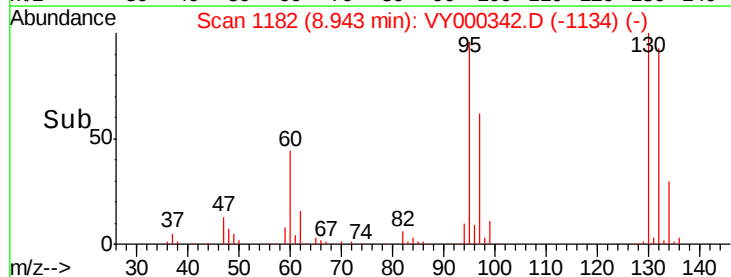
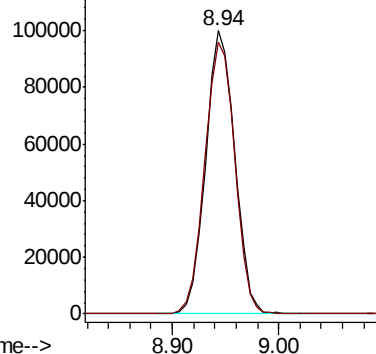


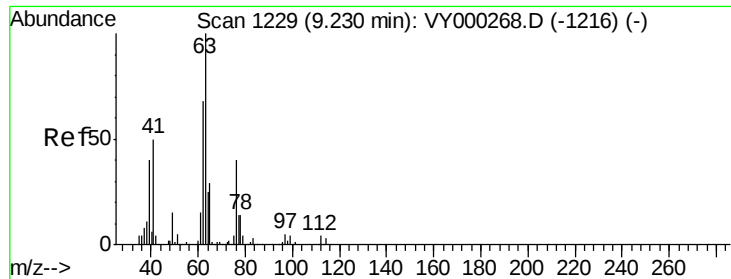
#44
Trichloroethene
Concen: 46.297 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Tgt Ion:130 Resp: 192504
Ion Ratio Lower Upper
130 100
95 96.1 0.0 191.4



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

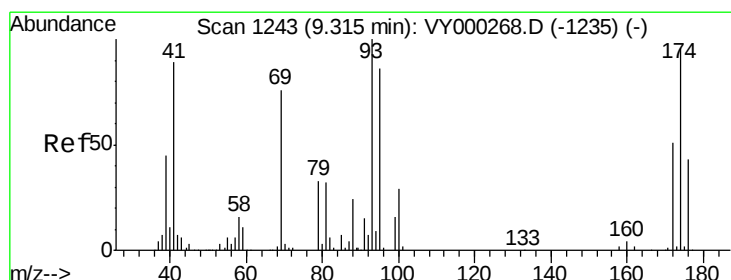
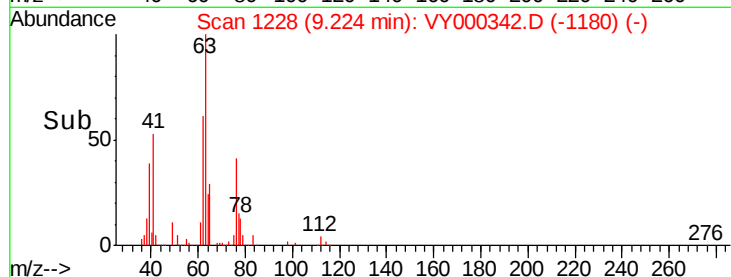
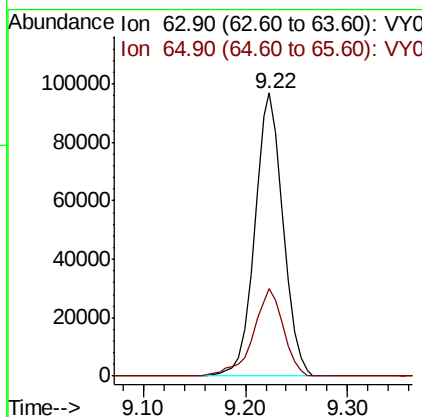
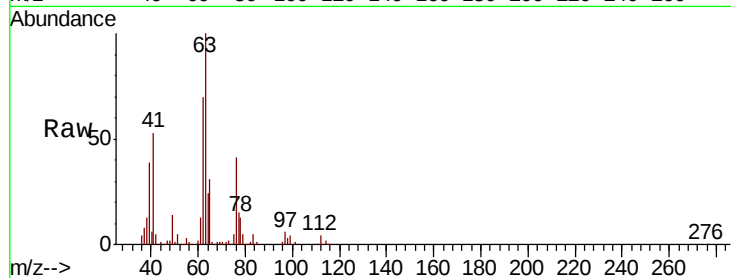




#45
 1,2-Dichloropropane
 Concen: 51.379 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

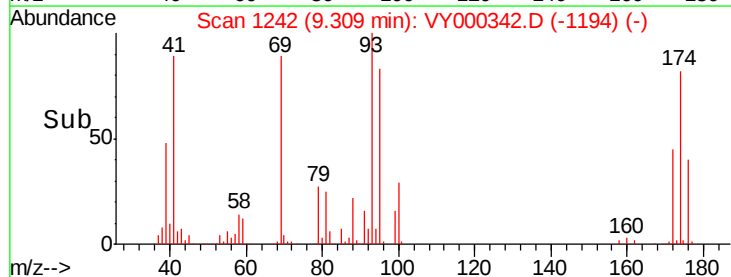
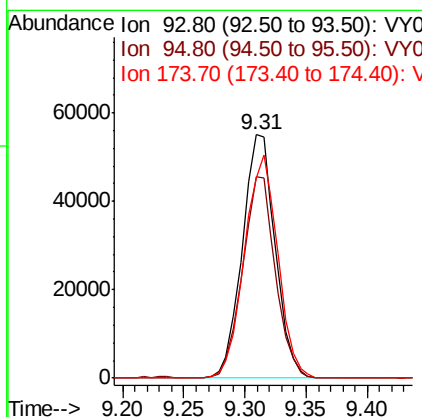
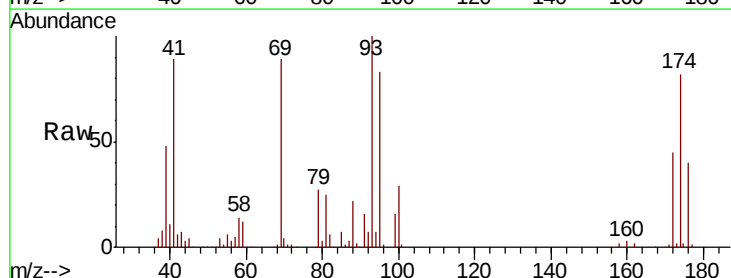
Instrument :
 MSVOA_Y
 ClientSampled :

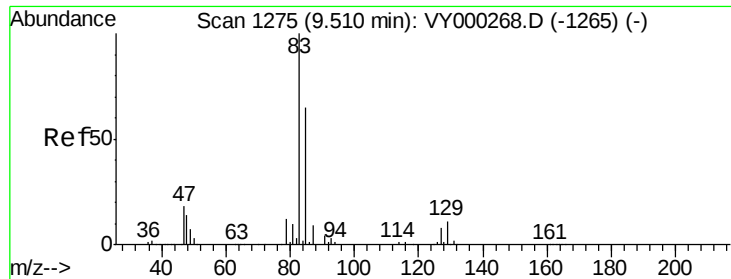
Tot Ion: 63 Resp: 186847
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.2 34.8



#46
 Dibromomethane
 Concen: 50.708 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

Tgt Ion: 93 Resp: 103086
 Ion Ratio Lower Upper
 93 100
 95 82.4 68.2 102.2
 174 92.7 79.8 119.6





#47

Bromodichloromethane

Concen: 51.294 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :

MSVOA_Y

ClientSampleId :

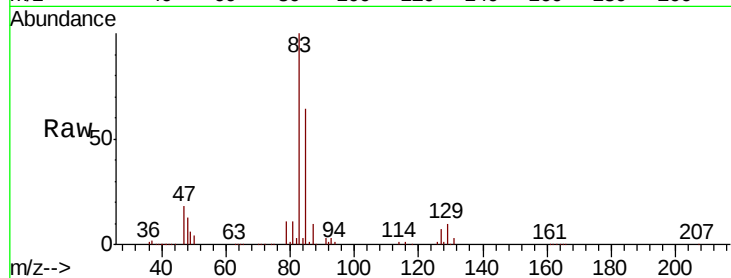
Tot Ion: 83 Resp: 245751

Ion Ratio Lower Upper

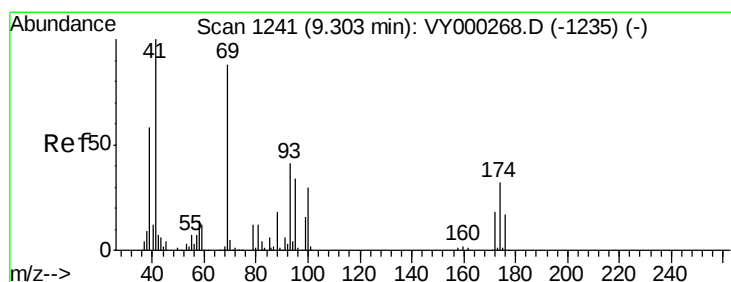
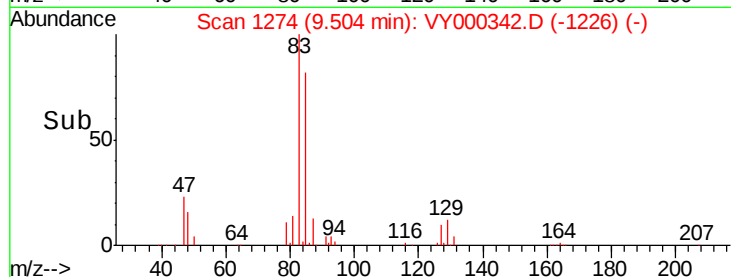
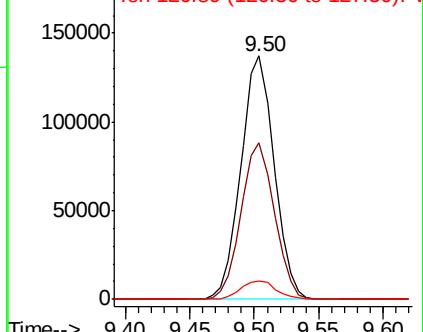
83 100

85 64.1 52.2 78.2

127 7.4 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: 50.795 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

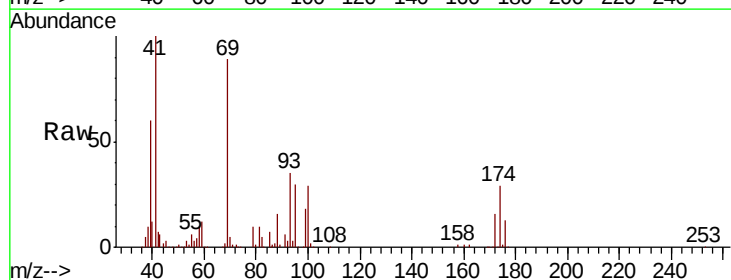
Tgt Ion: 41 Resp: 128519

Ion Ratio Lower Upper

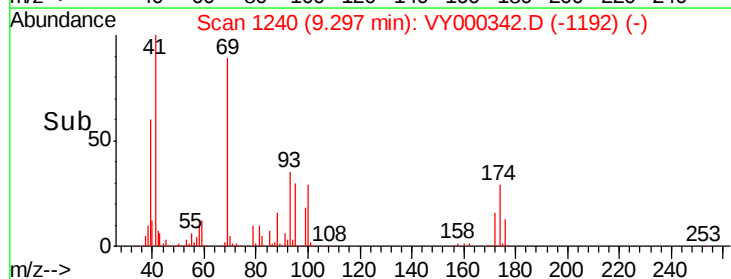
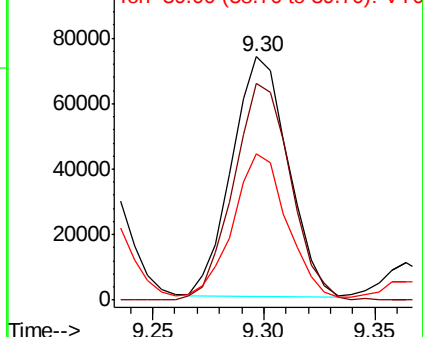
41 100

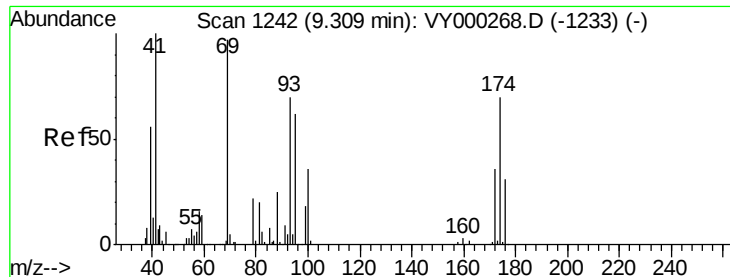
69 92.2 70.0 105.0

39 59.7 47.7 71.5



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

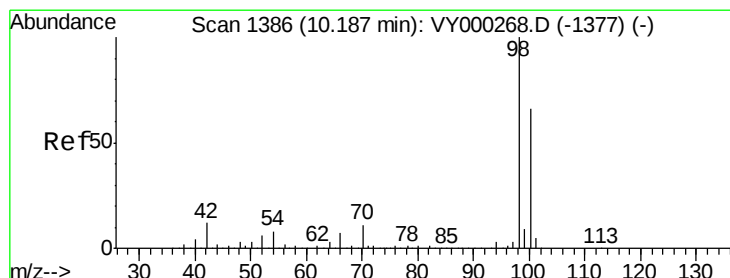
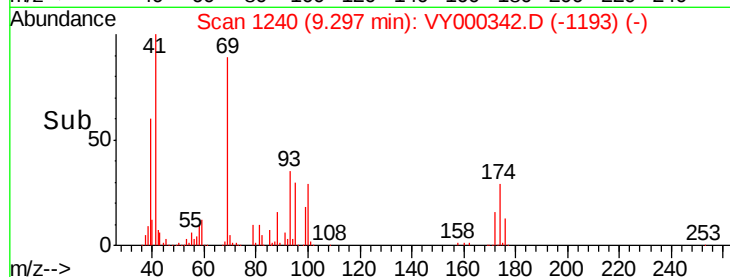
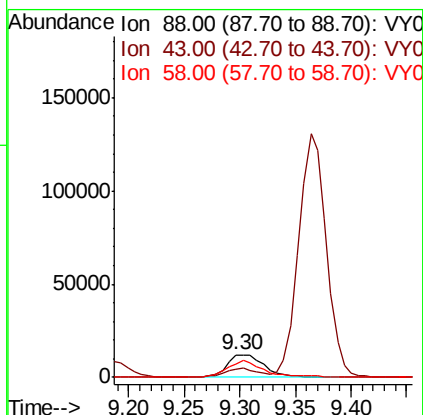
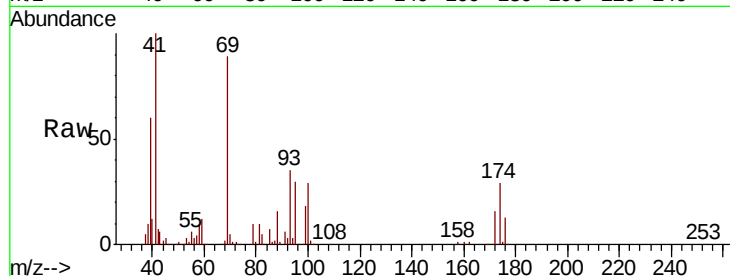




#49
1,4-Dioxane
Concen: 932.467 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

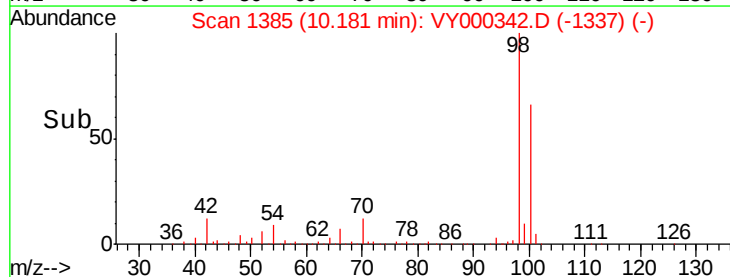
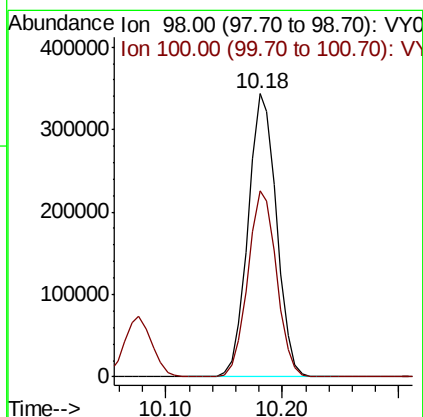
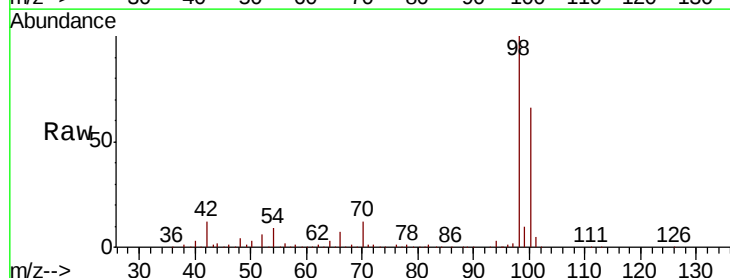
Instrument :
MSVOA_Y
ClientSampleId :

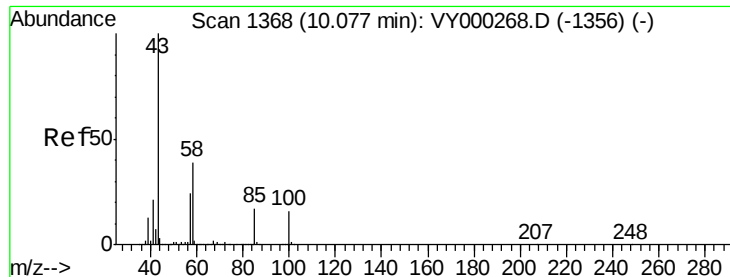
Tot Ion: 88 Resp: 28423
Ion Ratio Lower Upper
88 100
43 32.9 25.6 38.4
58 69.4 54.6 81.8



#50
Toluene-d8
Concen: 48.095 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Tgt Ion: 98 Resp: 584508
Ion Ratio Lower Upper
98 100
100 66.5 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 266.445 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :

MSVOA_Y

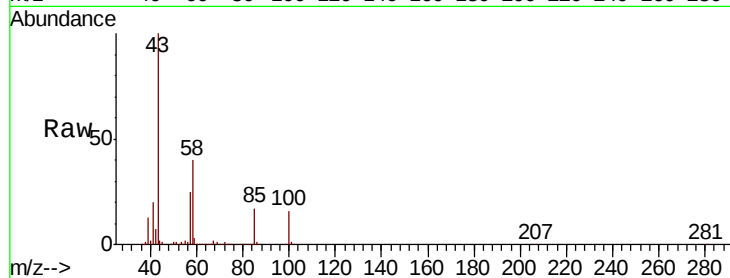
ClientSampleId :

Tot Ion: 43 Resp: 793399

Ion Ratio Lower Upper

43 100

58 39.3 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

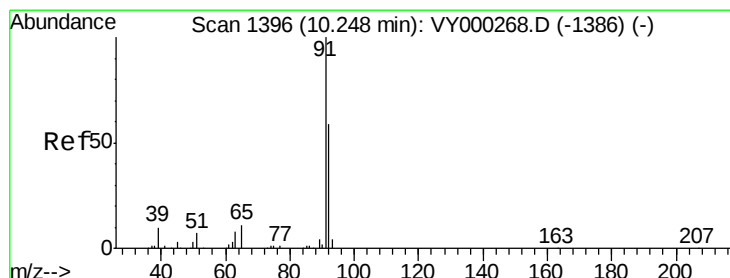
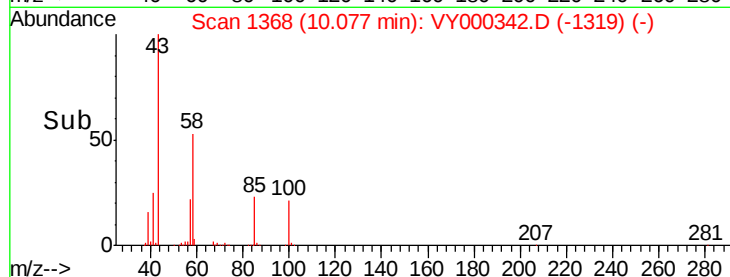
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.767 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000342.D

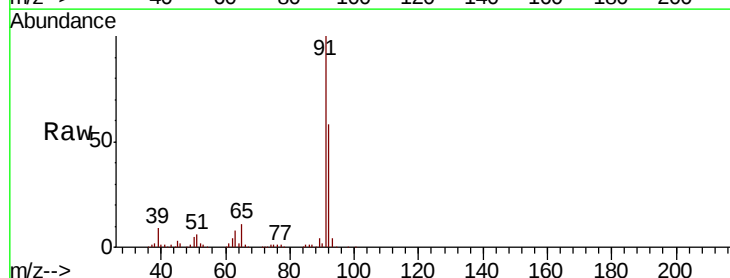
Acq: 18 Oct 2019 10:48

Tgt Ion: 92 Resp: 468232

Ion Ratio Lower Upper

92 100

91 170.0 136.6 205.0



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

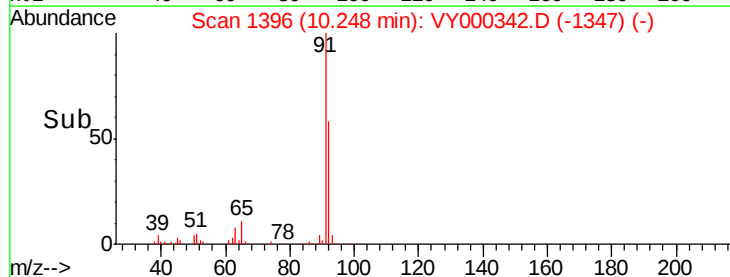
300000

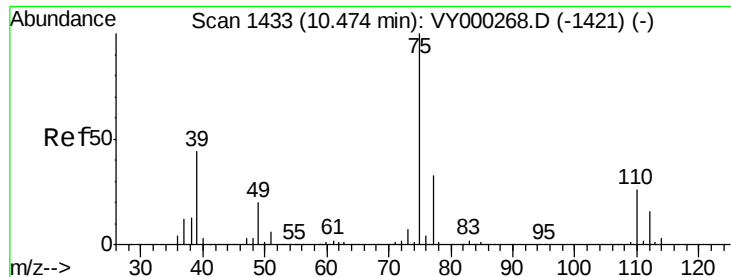
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.377 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :

MSVOA_Y

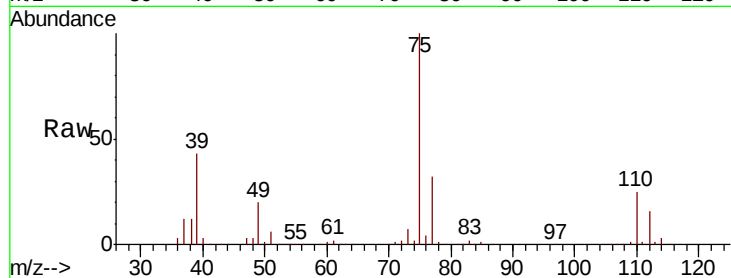
ClientSampleId :

Tot Ion: 75 Resp: 268937

Ion Ratio Lower Upper

75 100

77 32.3 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

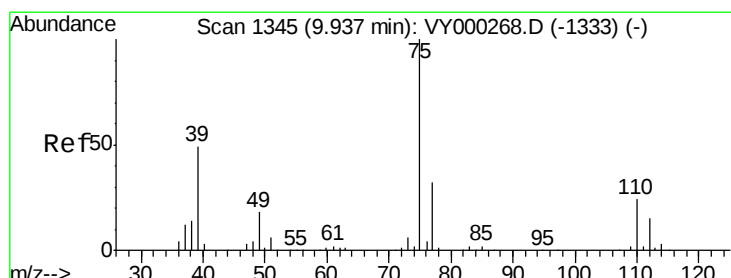
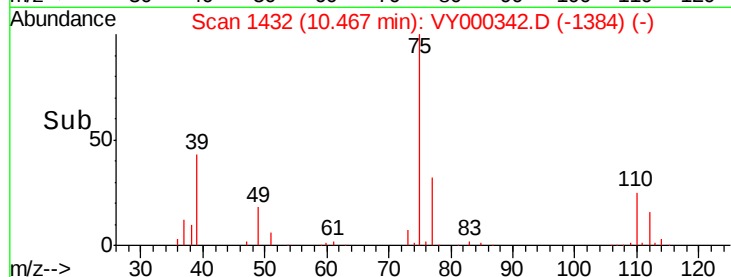
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.844 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

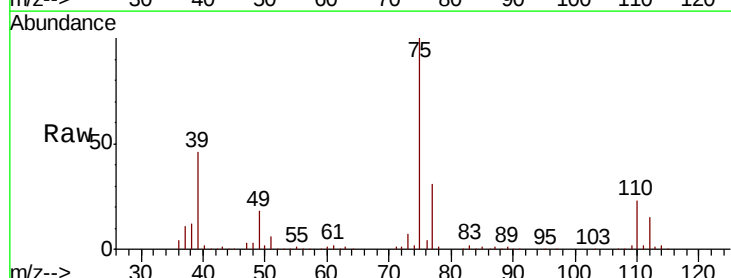
Tgt Ion: 75 Resp: 302302

Ion Ratio Lower Upper

75 100

77 31.4 26.0 39.0

39 45.6 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

200000

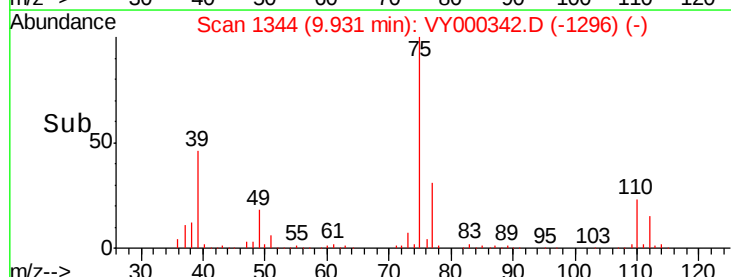
150000

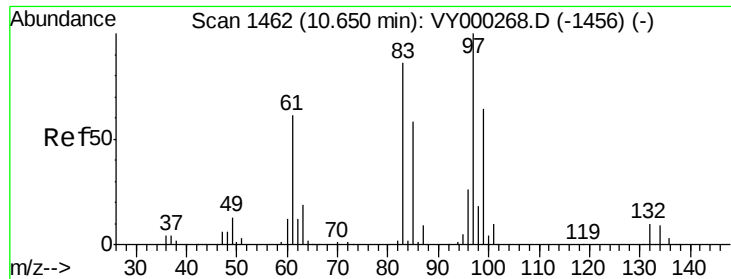
100000

50000

0

Time-->

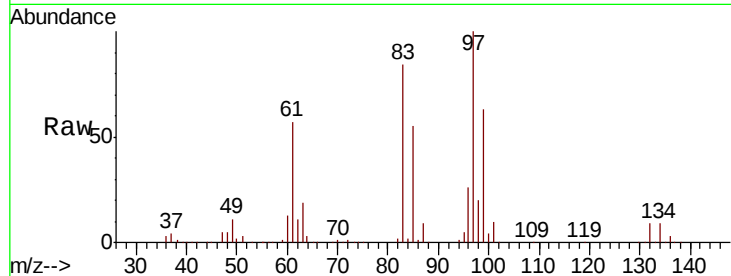




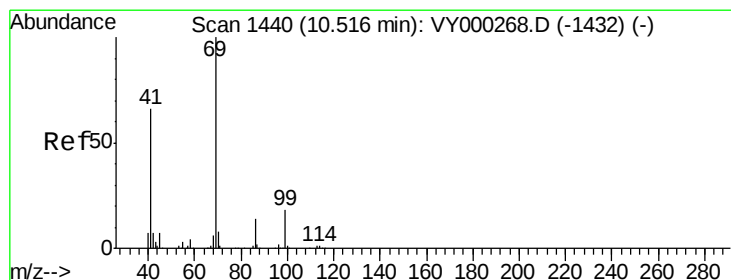
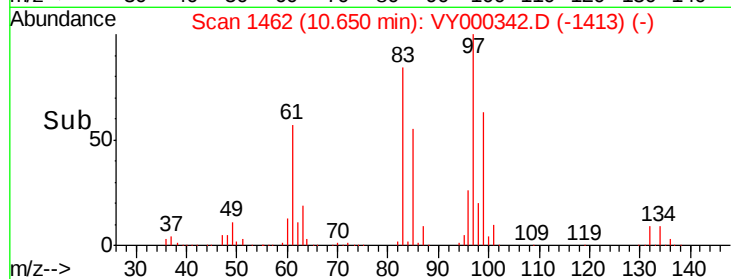
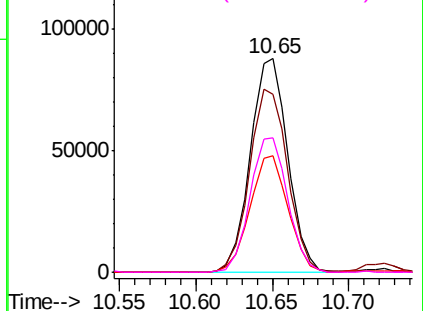
#55
 1,1,2-Trichloroethane
 Concen: 50.582 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:	97	Resp:	149511
Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.0	103.6
85	54.6	46.2	69.4
99	62.7	51.1	76.7

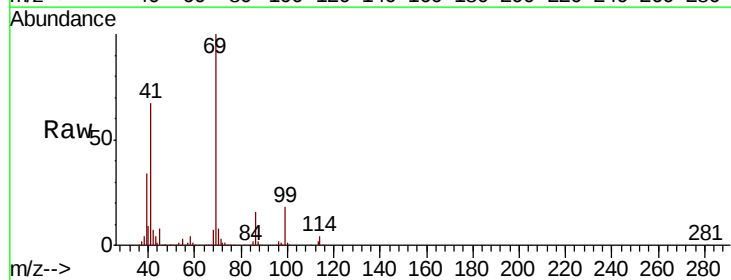


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

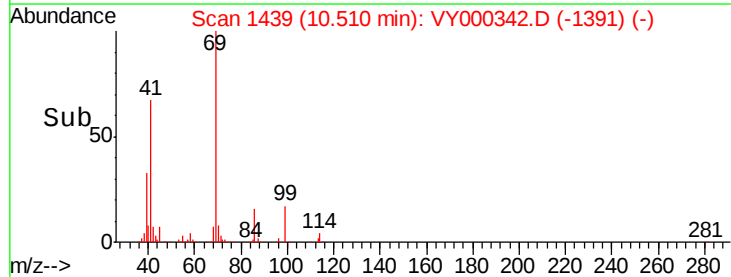
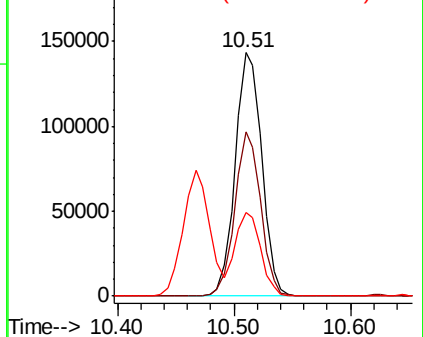


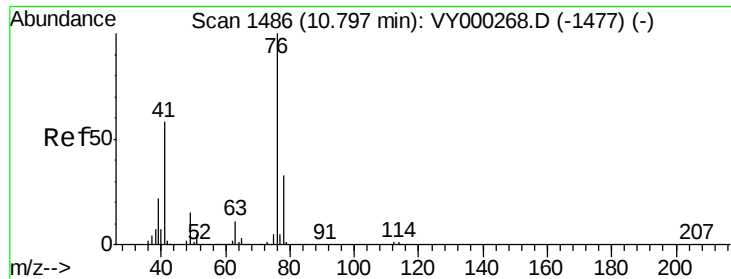
#56
 Ethyl methacrylate
 Concen: 54.173 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

Tgt Ion:	69	Resp:	228237
Ion	Ratio	Lower	Upper
69	100		
41	64.7	52.5	78.7
39	33.0	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: 51.377 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :

MSVOA_Y

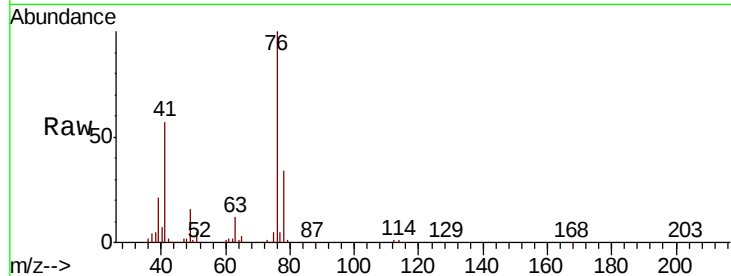
ClientSampleId :

Tot Ion: 76 Resp: 260806

Ion Ratio Lower Upper

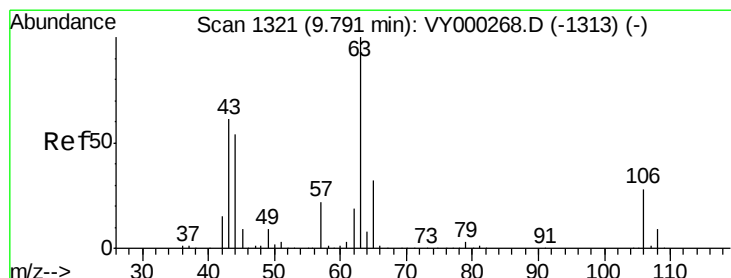
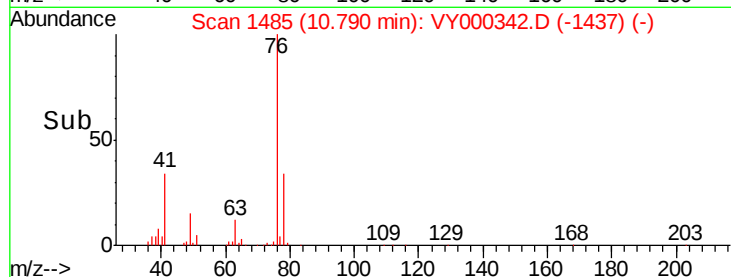
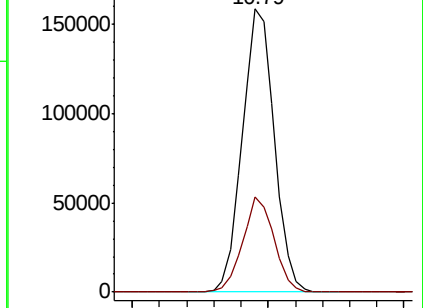
76 100

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: 259.648 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000342.D

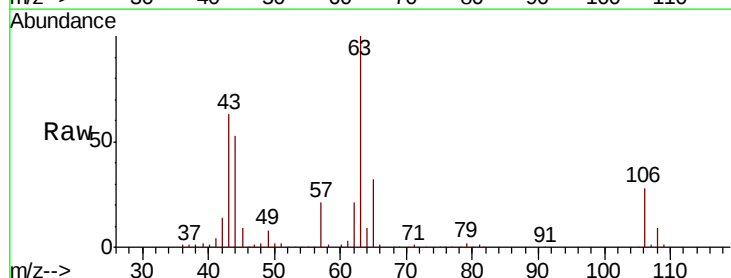
Acq: 18 Oct 2019 10:48

Tgt Ion: 63 Resp: 436334

Ion Ratio Lower Upper

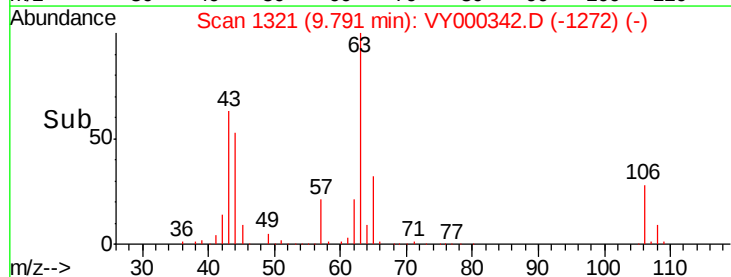
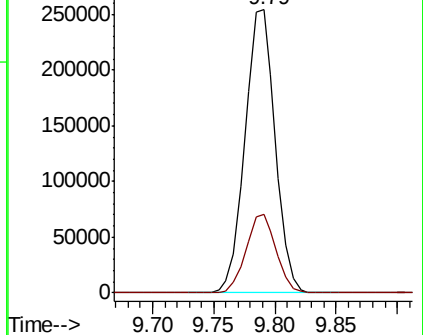
63 100

106 27.5 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

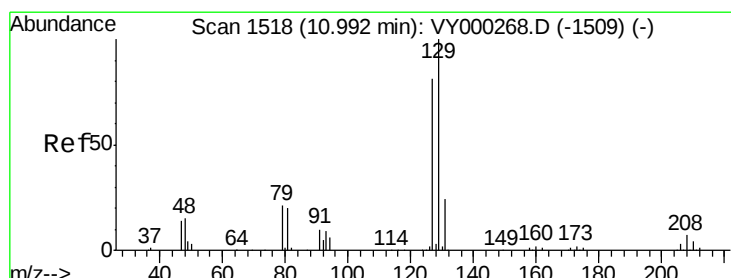
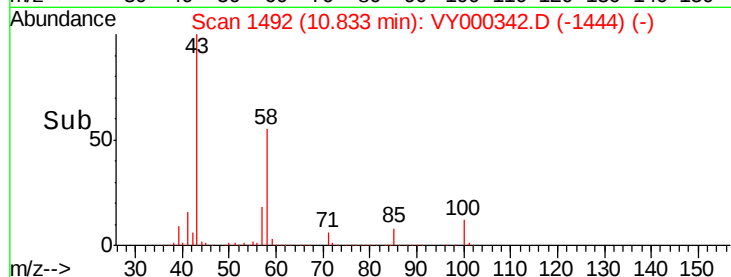
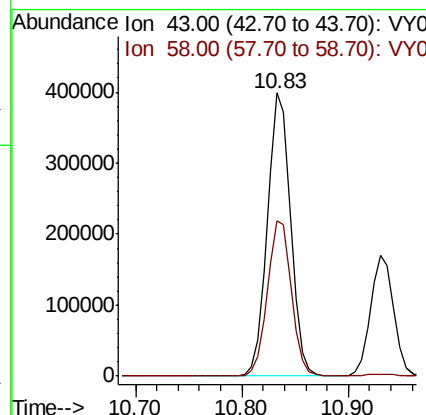
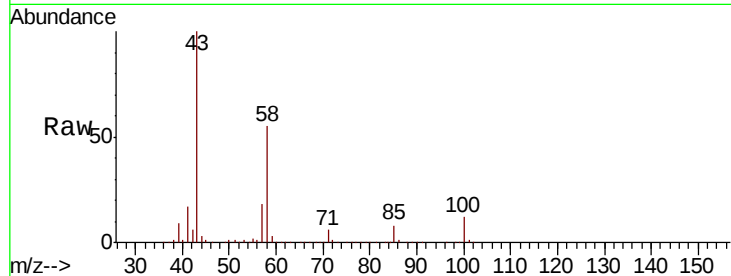




#59
2-Hexanone
Concen: 293.147 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

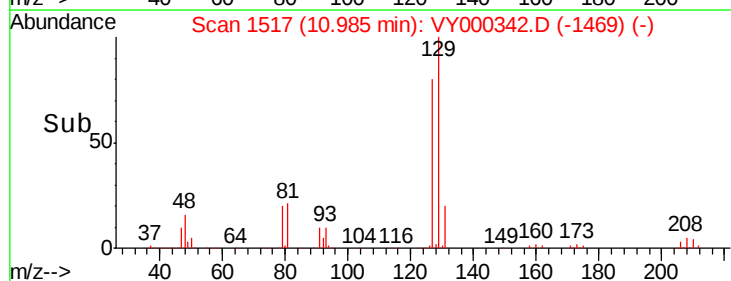
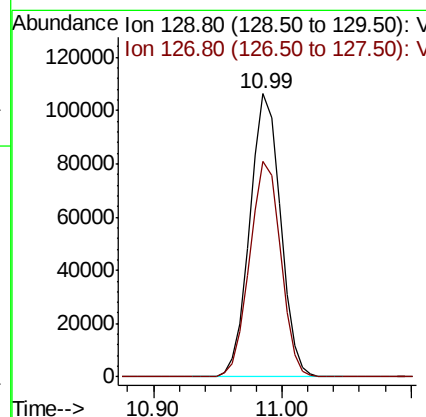
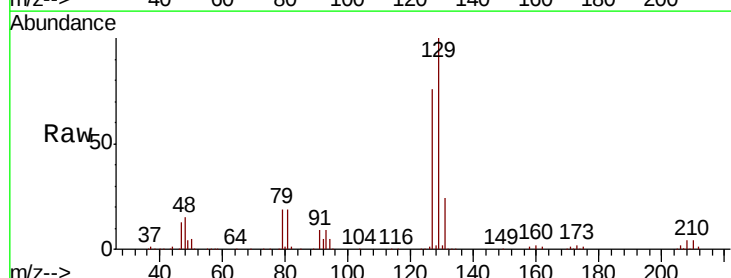
Instrument :
MSVOA_Y
ClientSampled :

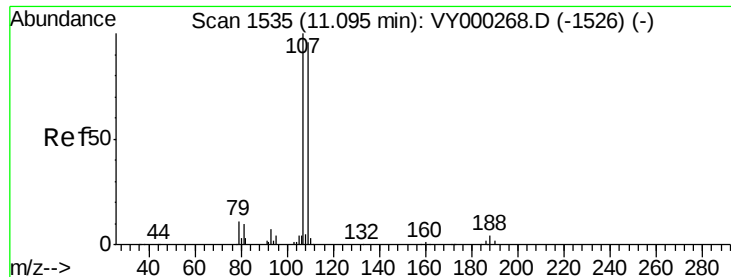
Tot Ion: 43 Resp: 612709
Ion Ratio Lower Upper
43 100
58 56.4 27.7 83.1



#60
Dibromochloromethane
Concen: 53.188 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Tgt Ion: 129 Resp: 174254
Ion Ratio Lower Upper
129 100
127 77.2 39.9 119.7

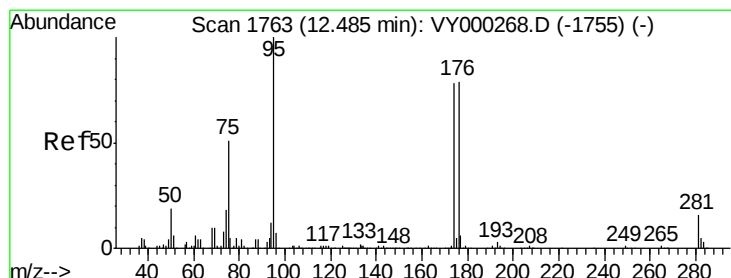
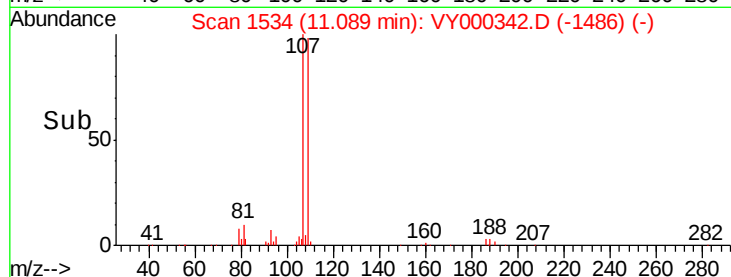
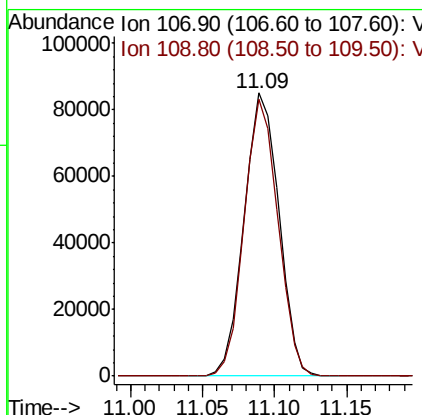
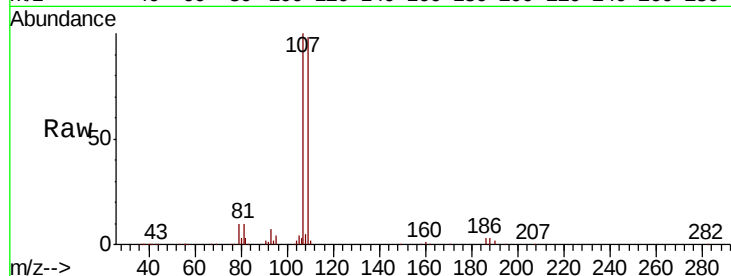




#61
 1,2-Dibromoethane
 Concen: 50.205 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

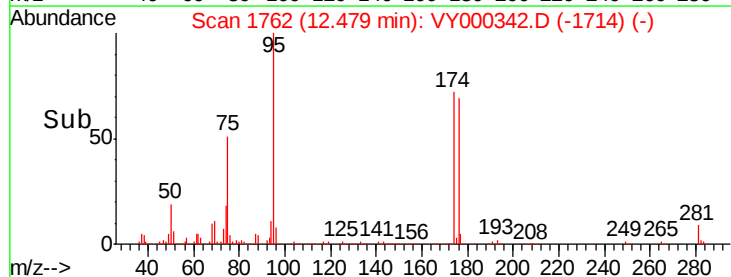
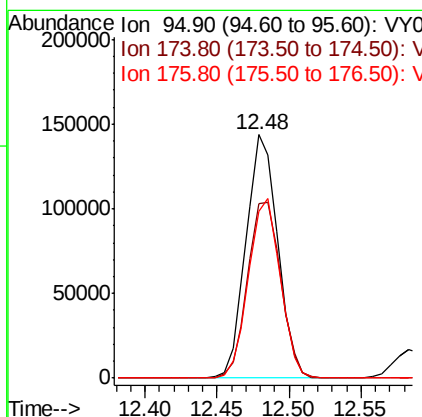
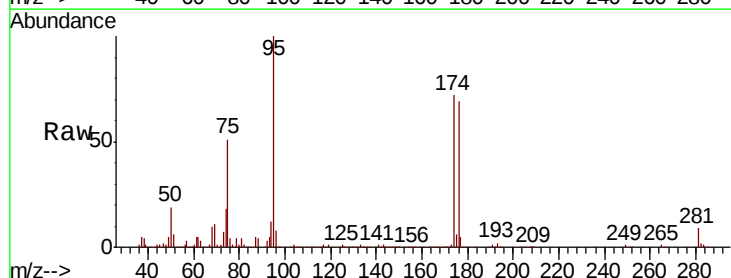
Instrument :
 MSVOA_Y
 ClientSampleId :

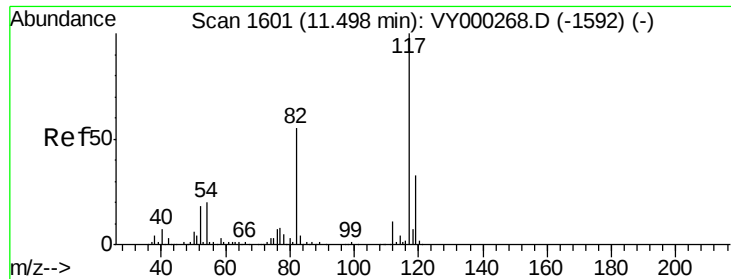
Tot Ion: 107 Resp: 142487
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 47.333 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

Tgt Ion: 95 Resp: 218540
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 159.6
 176 74.0 0.0 153.8

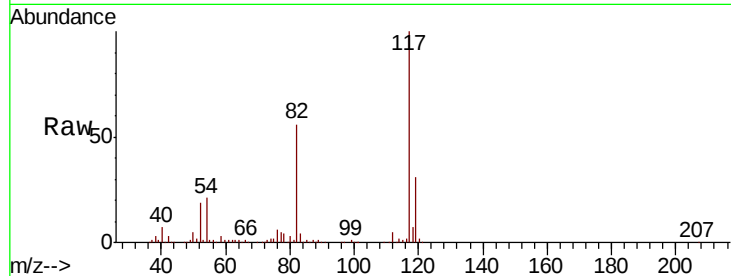




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.7	65.5
119	31.0	26.6	39.8

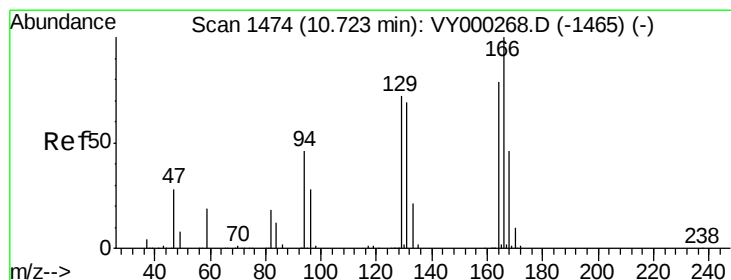
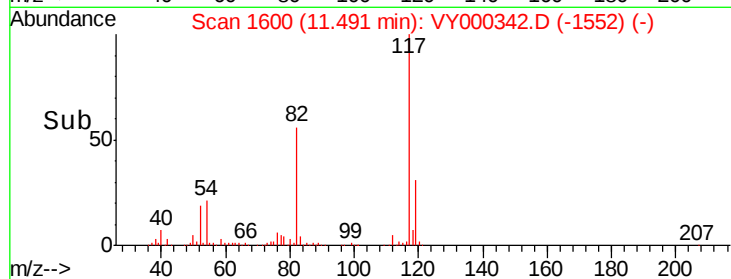
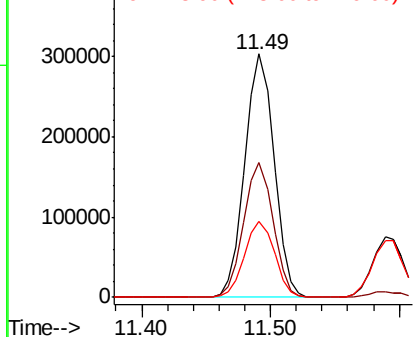


Abundance

Ion 116.90 (116.60 to 117.60): V

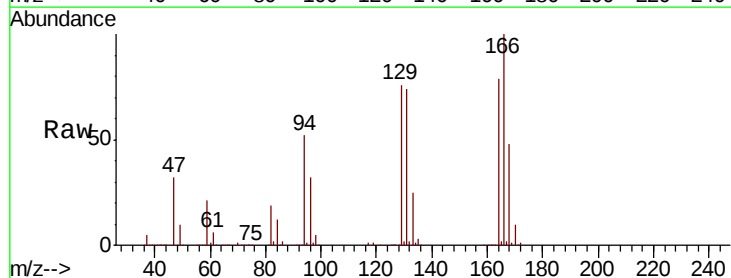
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 45.888 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	100.6	151.0
129	95.4	72.8	109.2
131	93.8	69.4	104.2



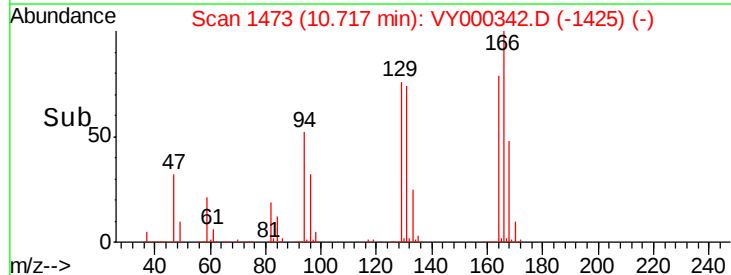
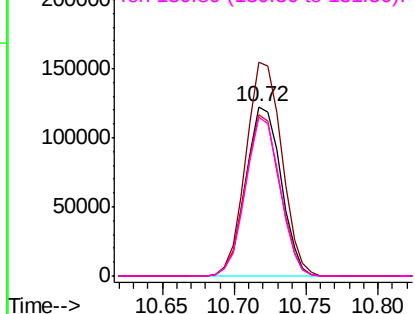
Abundance

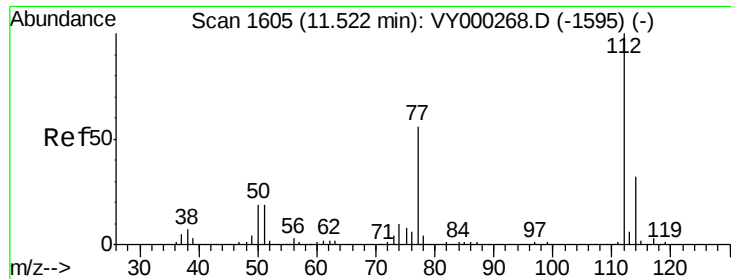
Ion 163.80 (163.50 to 164.50): V

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: 48.801 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :

MSVOA_Y

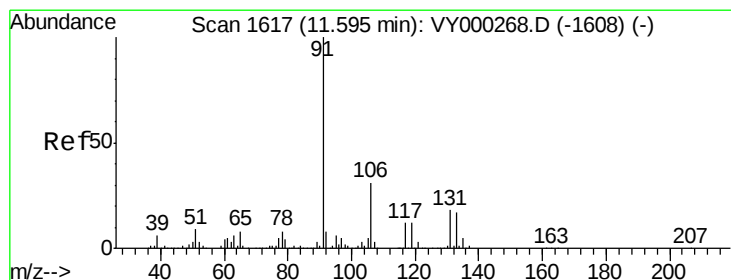
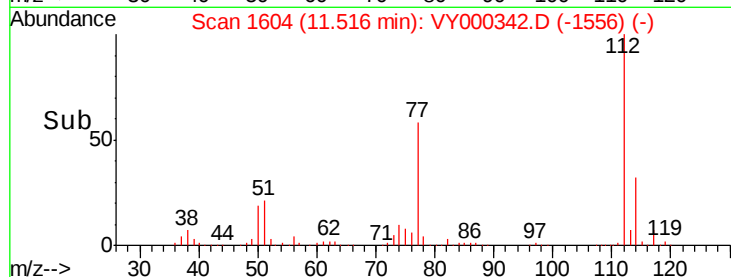
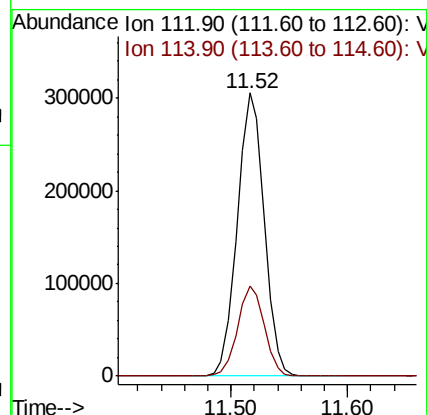
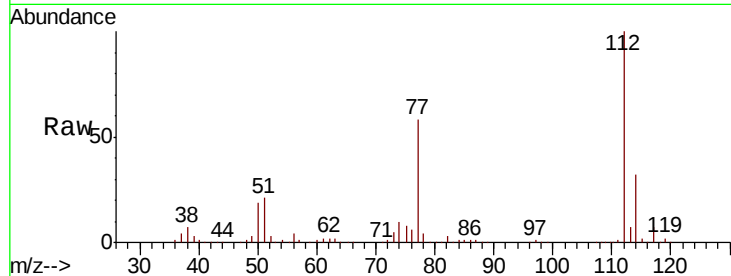
ClientSampleId :

Tot Ion:112 Resp: 490757

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 49.382 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

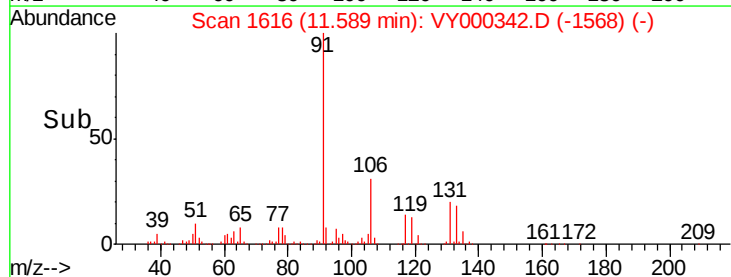
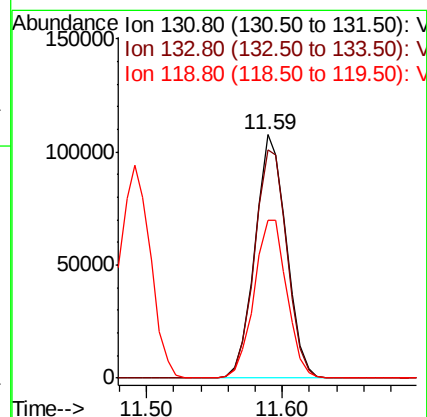
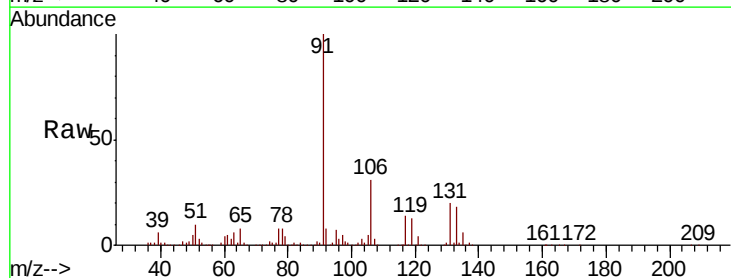
Tgt Ion:131 Resp: 174443

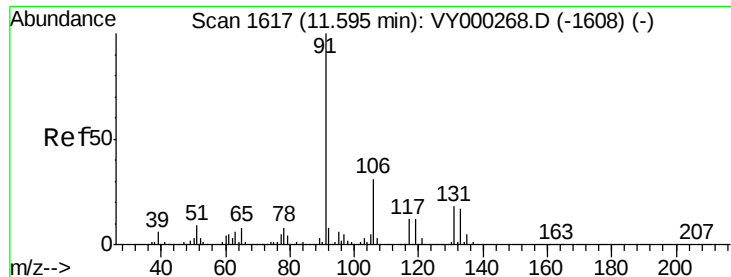
Ion Ratio Lower Upper

131 100

133 96.8 47.2 141.6

119 68.0 32.6 98.0

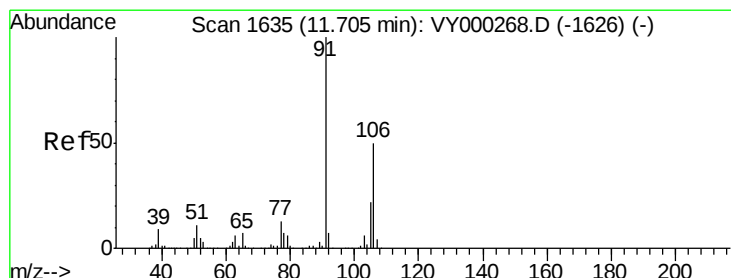
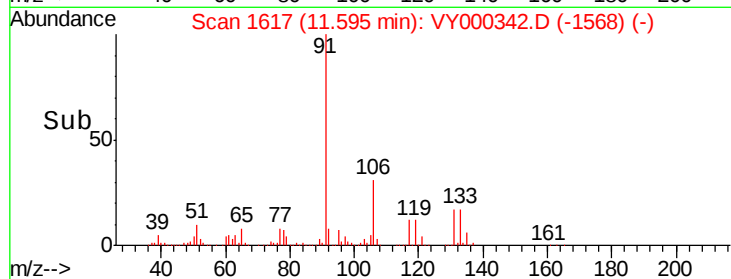
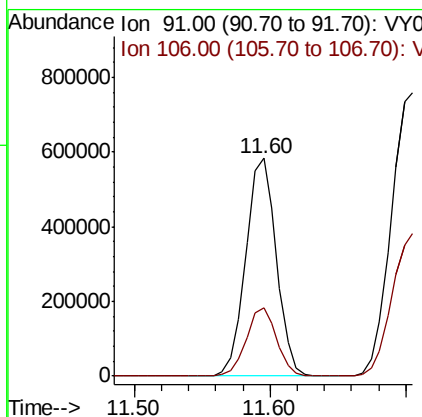
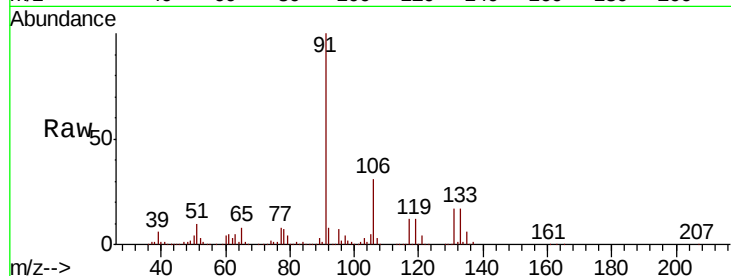




#67
Ethyl Benzene
Concen: 49.228 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

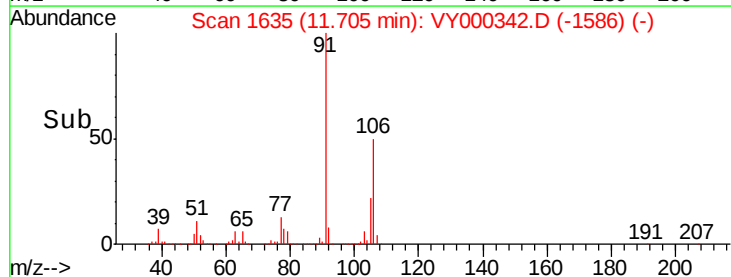
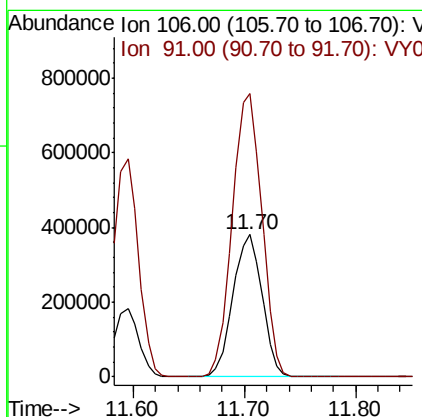
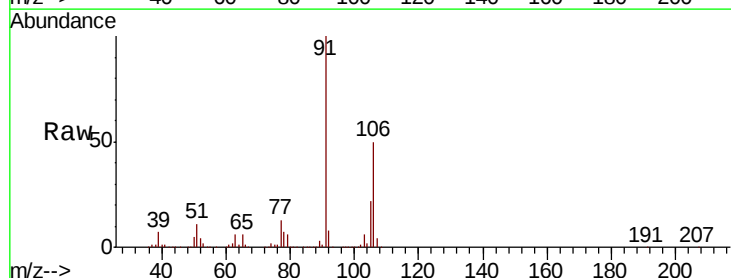
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 917704
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6



#68
m/p-Xylenes
Concen: 97.250 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Tgt Ion: 106 Resp: 693057
Ion Ratio Lower Upper
106 100
91 201.8 157.5 236.3

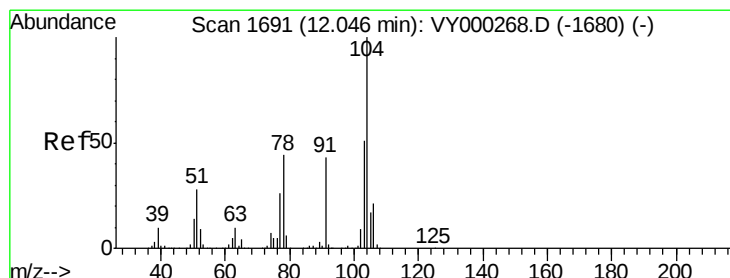
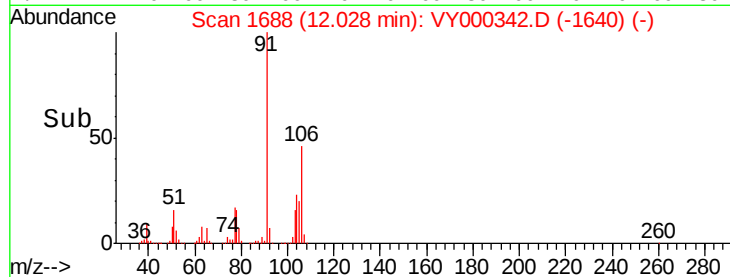
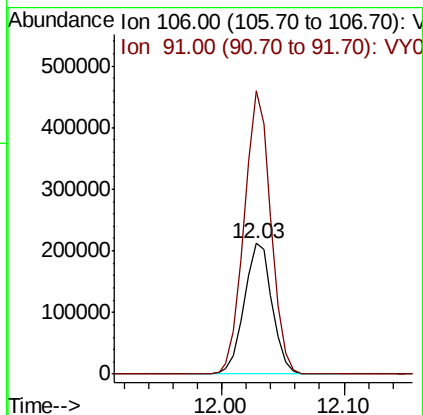
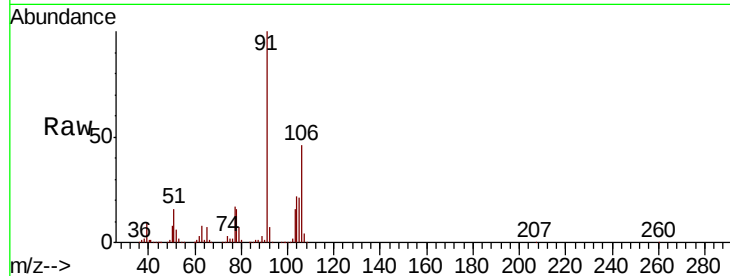




#69
o-Xylene
Concen: 49.163 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

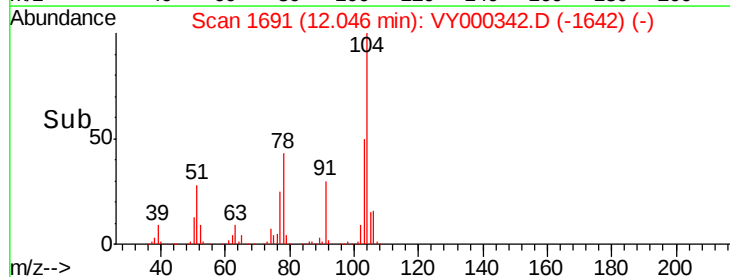
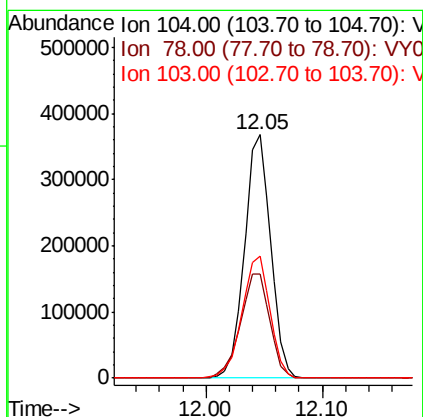
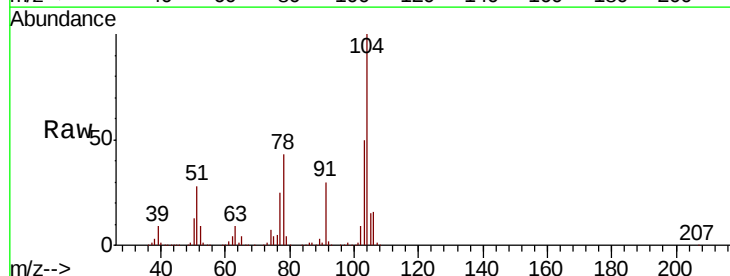
Instrument :
MSVOA_Y
ClientSampled :

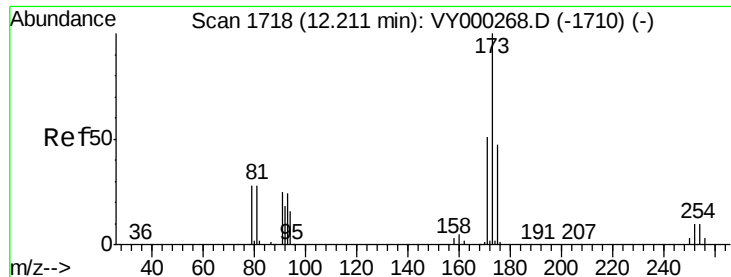
Tot Ion:106 Resp: 334232
Ion Ratio Lower Upper
106 100
91 207.7 104.7 313.9



#70
Styrene
Concen: 50.391 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Tgt Ion:104 Resp: 577758
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.6
103 53.6 43.1 64.7





#71

Bromoform

Concen: 52.456 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :

MSVOA_Y

ClientSampleId :

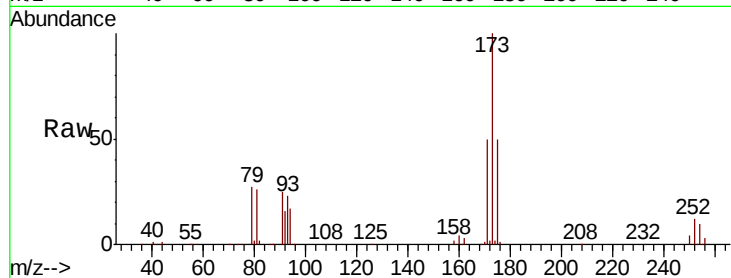
Tot Ion:173 Resp: 106523

Ion Ratio Lower Upper

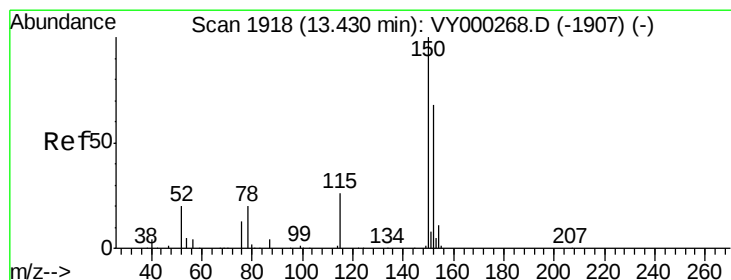
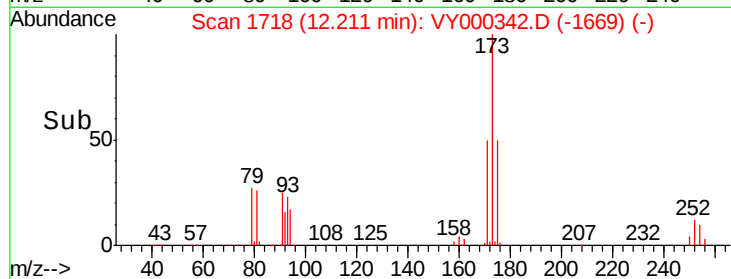
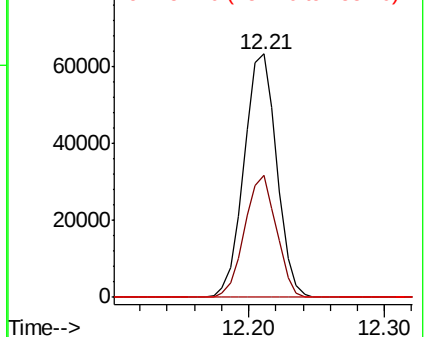
173 100

175 48.7 24.6 73.6

254 0.1 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: VY000342.D

Acq: 18 Oct 2019 10:48

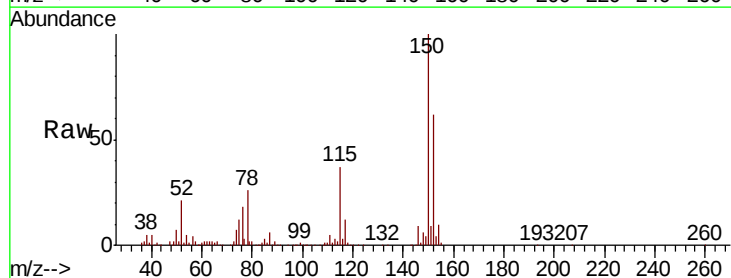
Tgt Ion:152 Resp: 237147

Ion Ratio Lower Upper

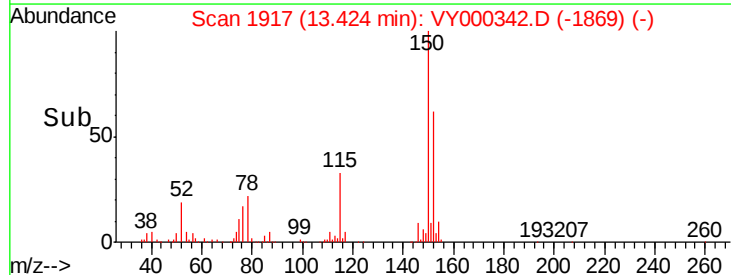
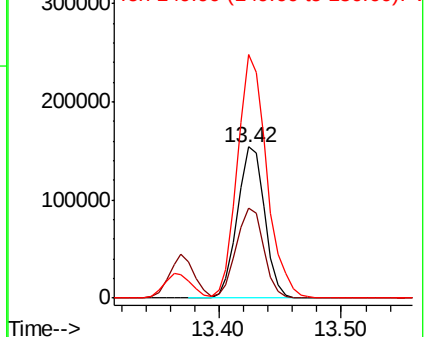
152 100

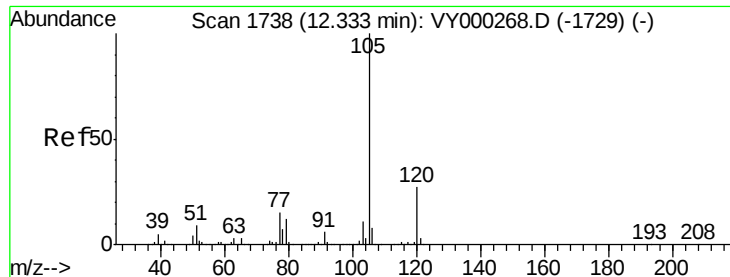
115 59.7 29.3 88.0

150 172.9 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.323 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :

MSVOA_Y

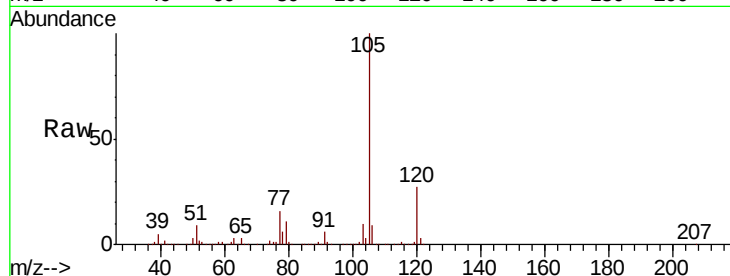
ClientSampled :

Tot Ion:105 Resp: 893561

Ion Ratio Lower Upper

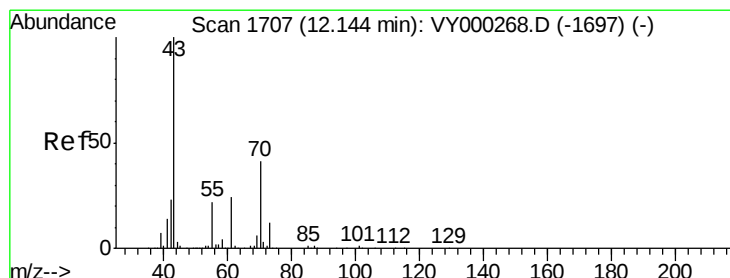
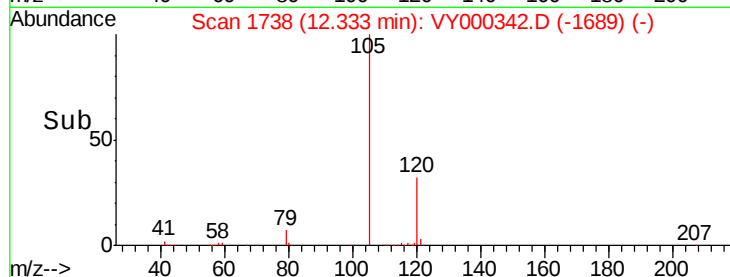
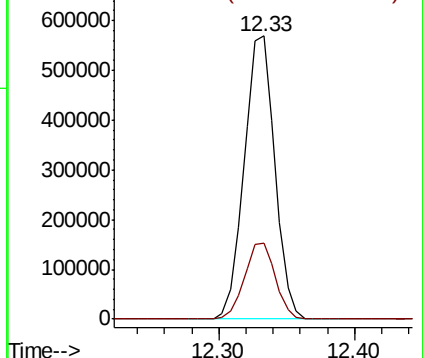
105 100

120 27.0 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: 60.513 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Tgt Ion: 43 Resp: 274701

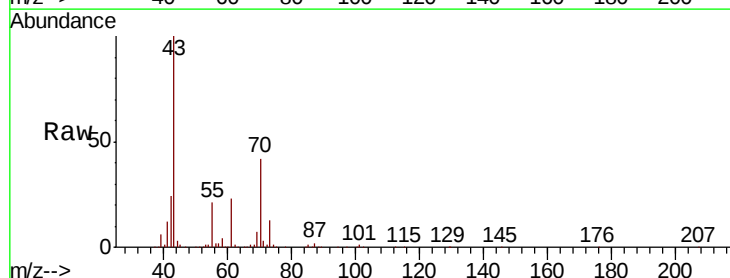
Ion Ratio Lower Upper

43 100

70 43.3 32.9 49.3

55 22.4 17.8 26.6

61 25.0 19.5 29.3

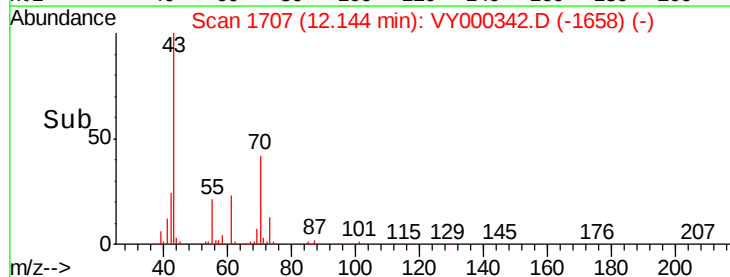
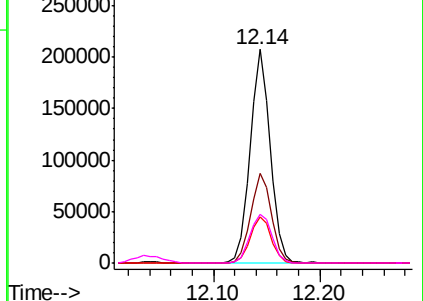


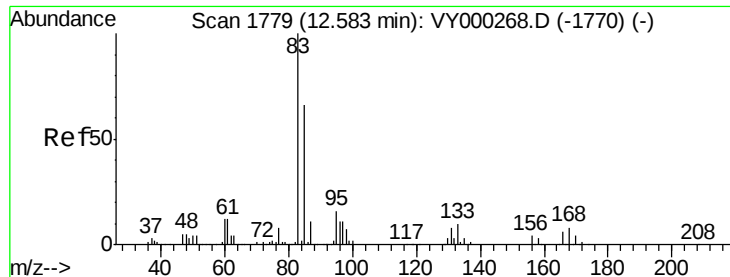
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.273 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :

MSVOA_Y

ClientSampleId :

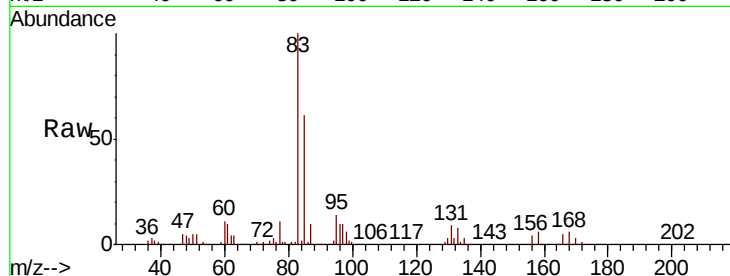
Tot Ion: 83 Resp: 174539

Ion Ratio Lower Upper

83 100

131 9.7 5.3 16.1

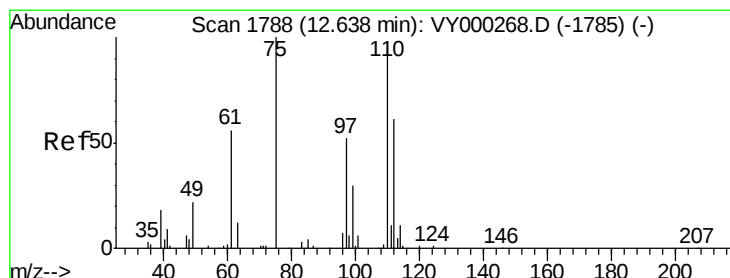
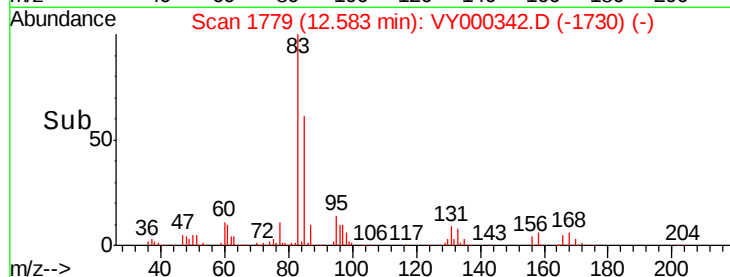
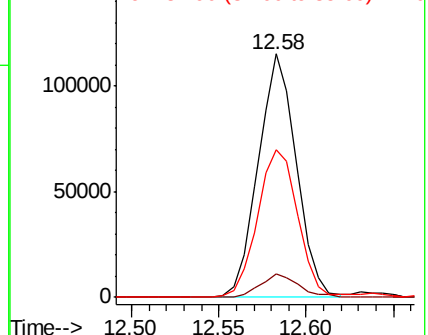
85 64.0 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VY000342.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000342.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000342.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 86.518 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY000342.D

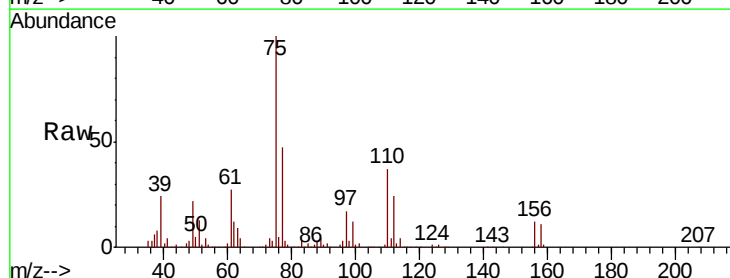
Acq: 18 Oct 2019 10:48

Tgt Ion: 75 Resp: 252294

Ion Ratio Lower Upper

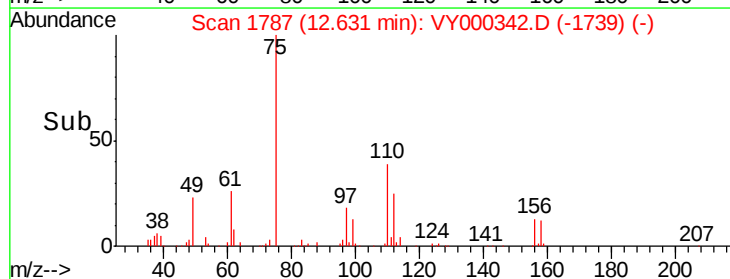
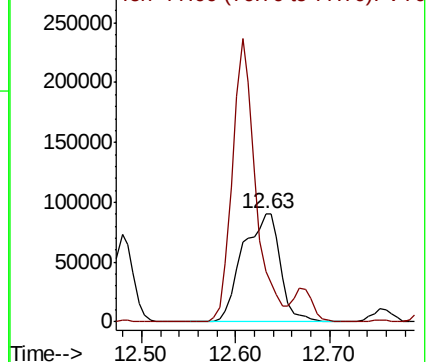
75 100

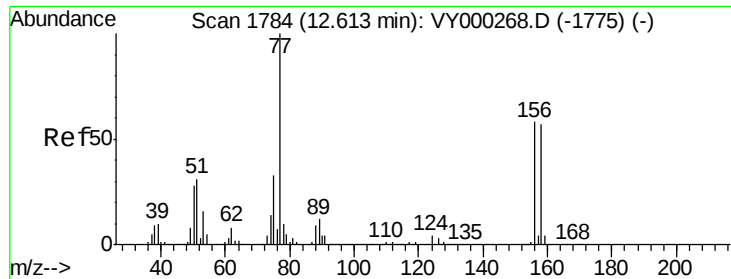
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000342.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY000342.D (-1739) (-)





#77

Bromobenzene

Concen: 48.386 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :

MSVOA_Y

ClientSampleId :

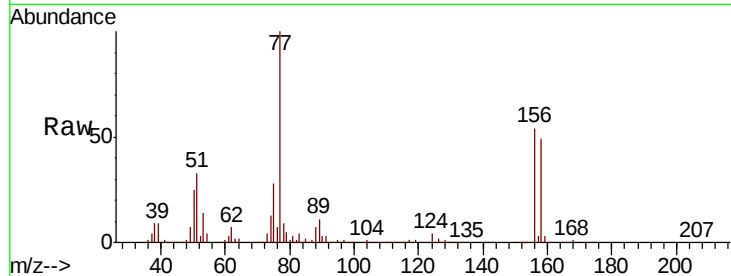
Tot Ion:156 Resp: 199096

Ion Ratio Lower Upper

156 100

77 205.8 101.0 302.9

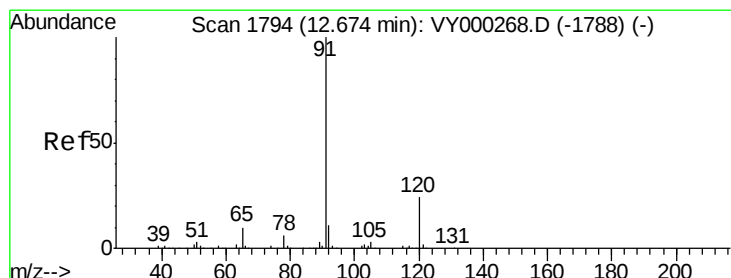
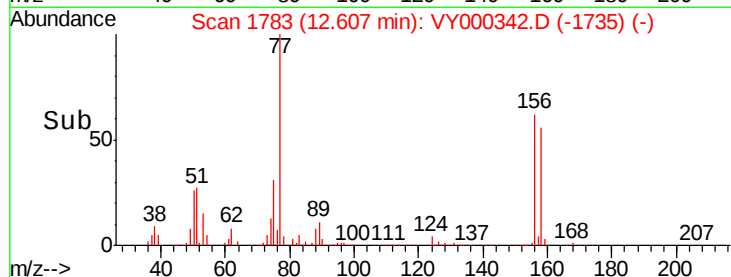
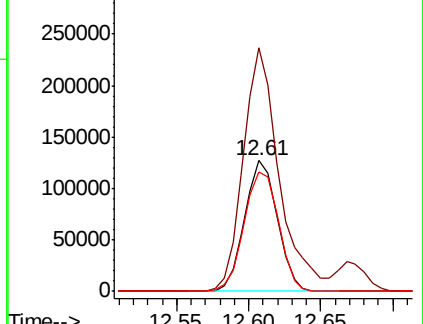
158 96.3 49.7 149.1



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: 49.092 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000342.D

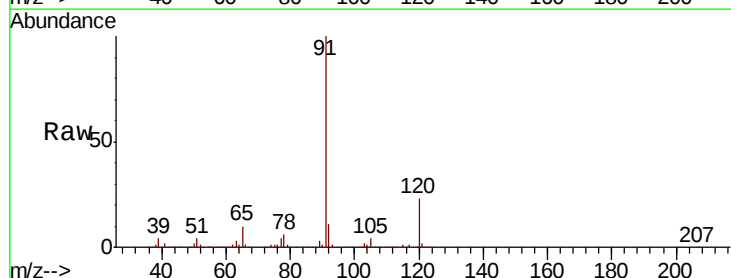
Acq: 18 Oct 2019 10:48

Tgt Ion: 91 Resp: 1089913

Ion Ratio Lower Upper

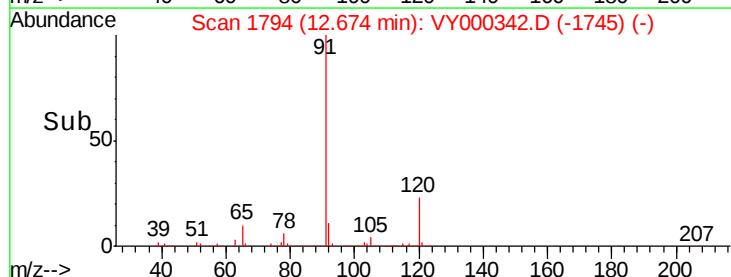
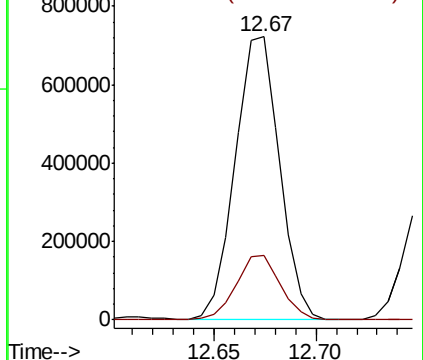
91 100

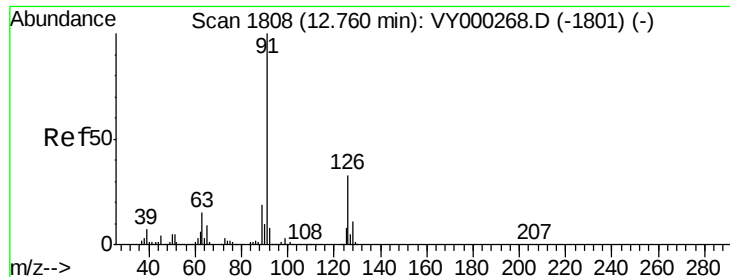
120 22.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

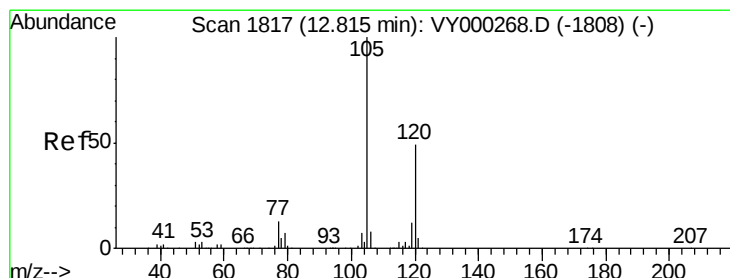
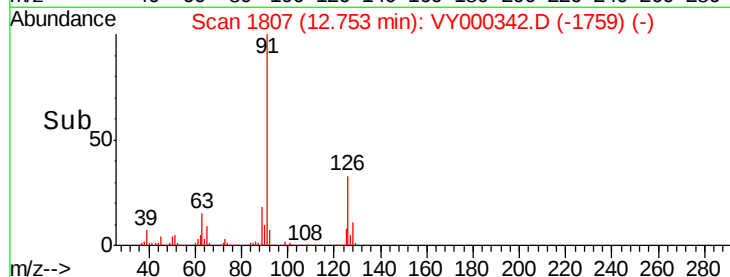
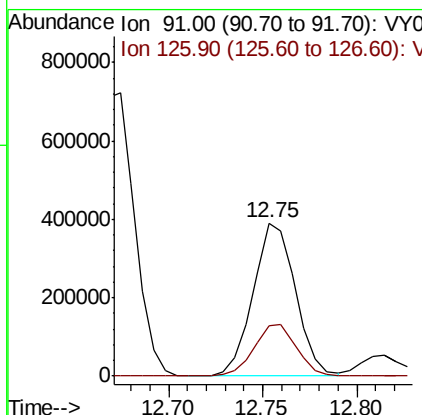
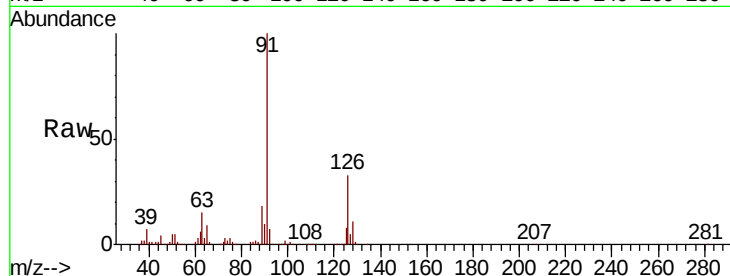




#79
 2-Chlorotoluene
 Concen: 49.569 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

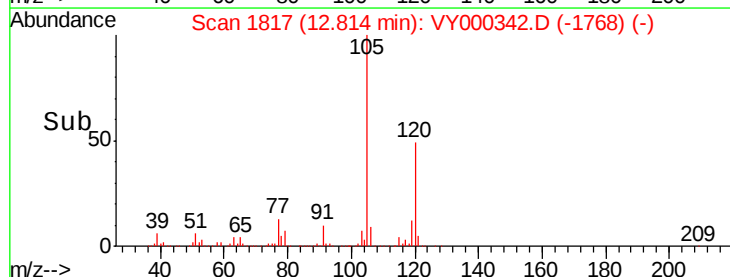
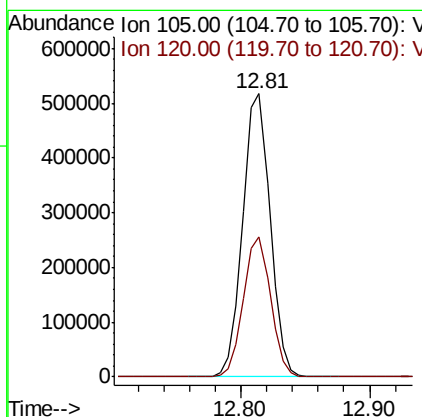
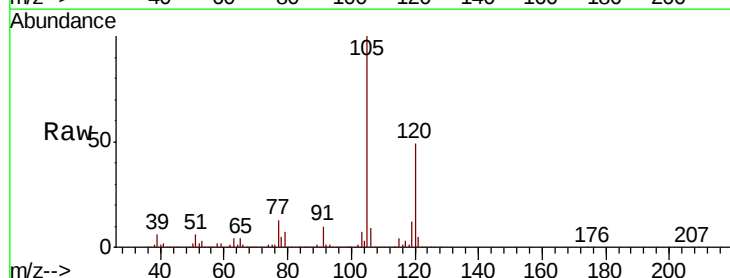
Instrument :
 MSVOA_Y
 ClientSampleId :

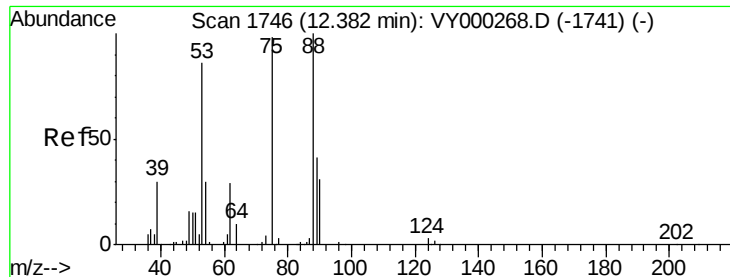
Tot Ion: 91 Resp: 607770
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 48.889 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

Tgt Ion: 105 Resp: 758037
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.9 74.8

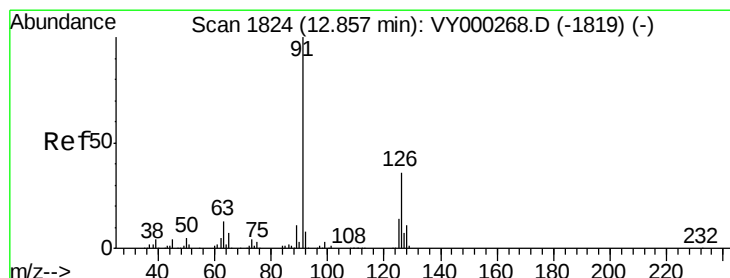
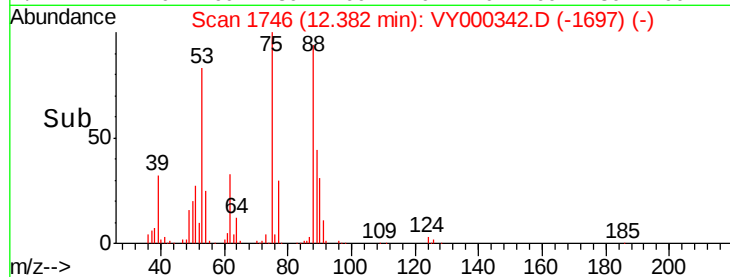
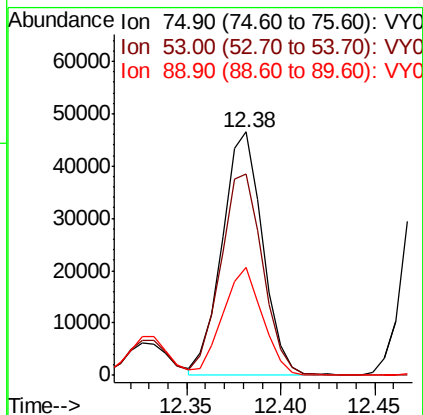
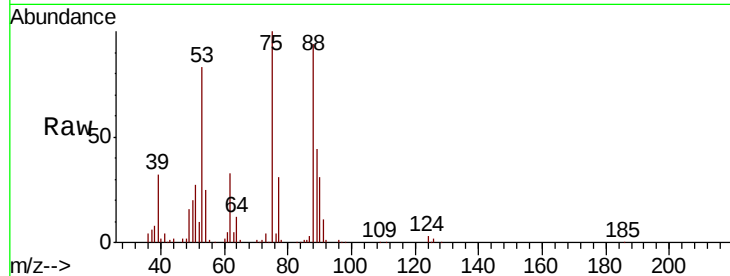




#81
trans-1,4-Dichloro-2-butene
Concen: 51.734 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

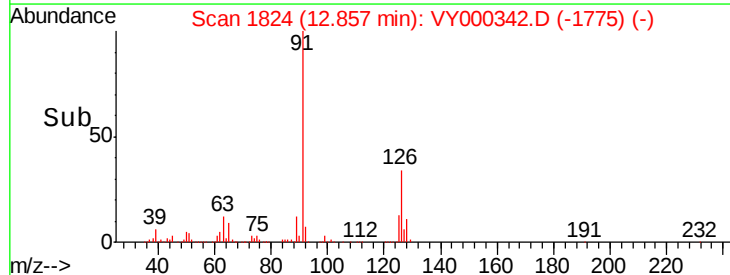
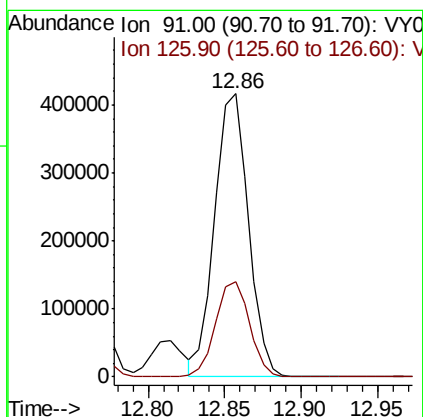
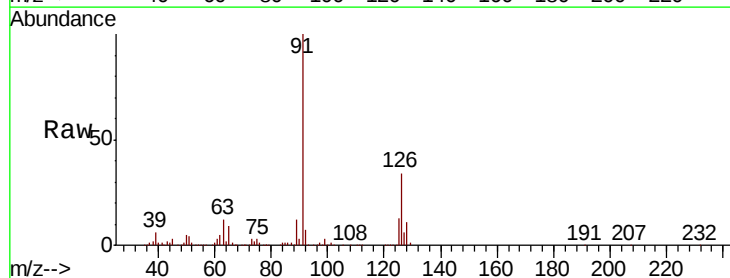
Instrument :
MSVOA_Y
ClientSampled :

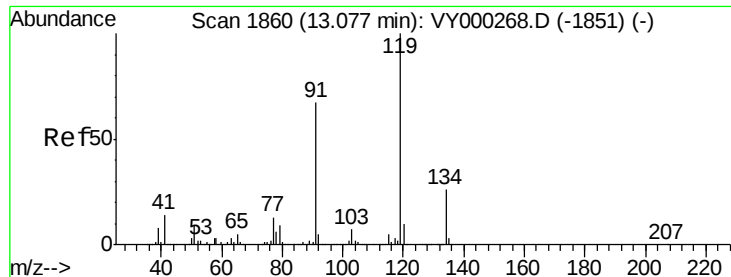
Tot Ion	Ratio	Lower	Upper
75	100		
53	86.7	71.3	106.9
89	43.6	35.1	52.7



#82
4-Chlorotoluene
Concen: 49.336 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.2	51.5

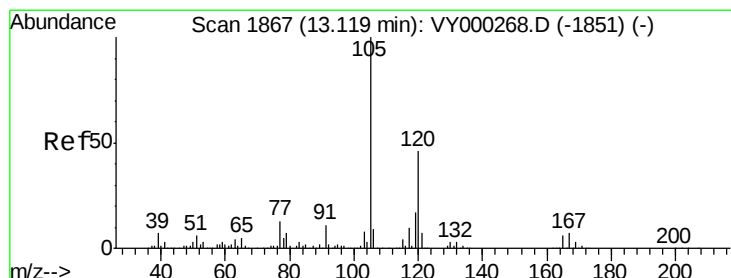
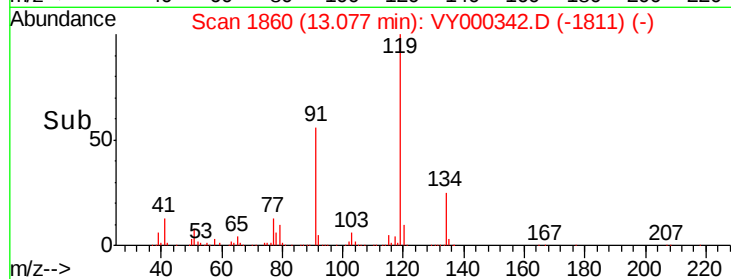
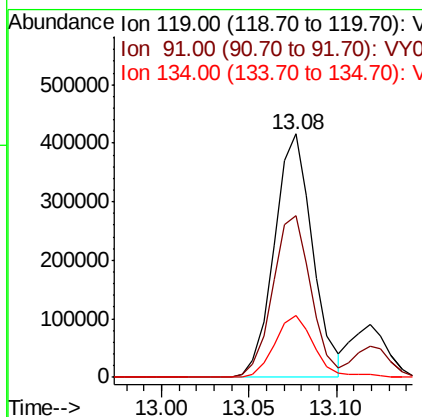
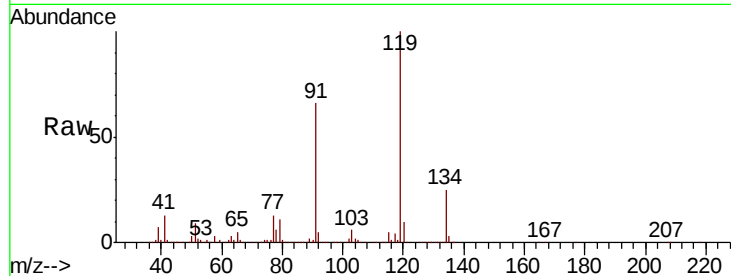




#83
 tert-Butylbenzene
 Concen: 48.335 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

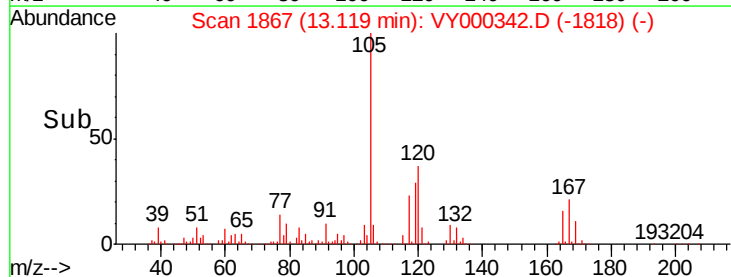
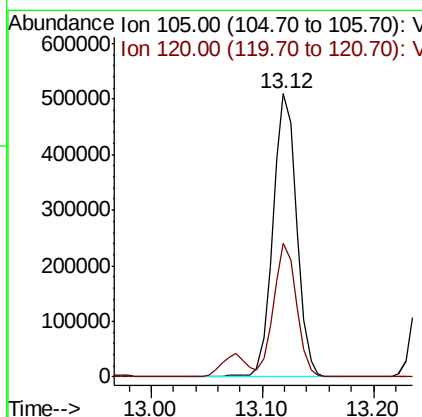
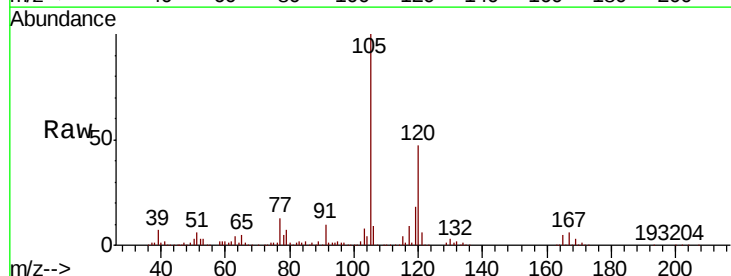
Instrument :
 MSVOA_Y
 ClientSampleId :

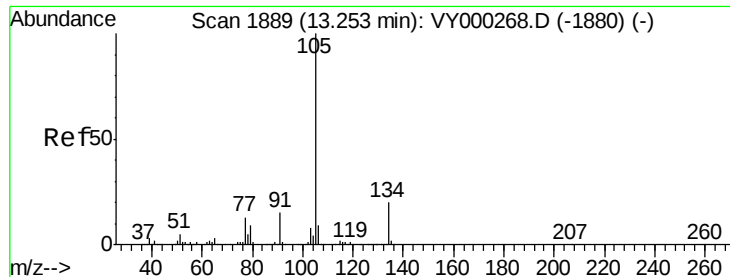
Tot Ion:119 Resp: 634665
 Ion Ratio Lower Upper
 119 100
 91 66.3 32.9 98.7
 134 26.2 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 49.150 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

Tgt Ion:105 Resp: 752148
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.8





#85

sec-Butylbenzene

Concen: 49.382 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :

MSVOA_Y

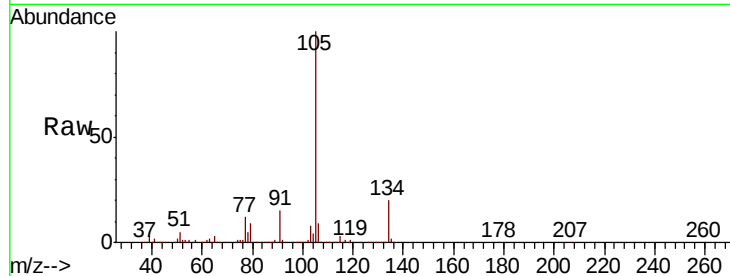
ClientSampleId :

Tot Ion:105 Resp: 938012

Ion Ratio Lower Upper

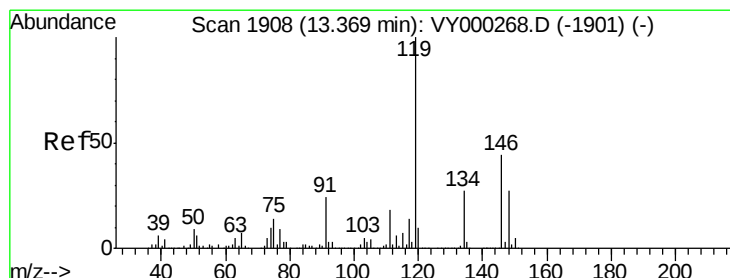
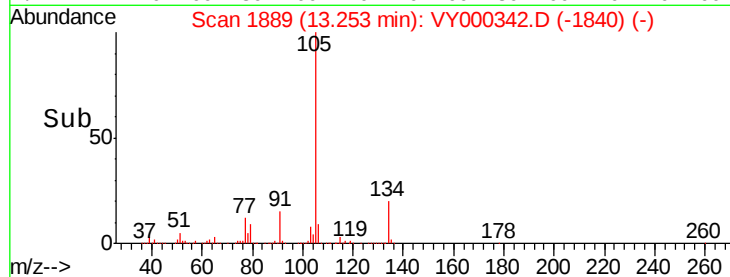
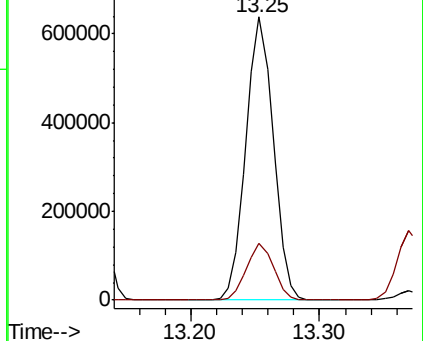
105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.567 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

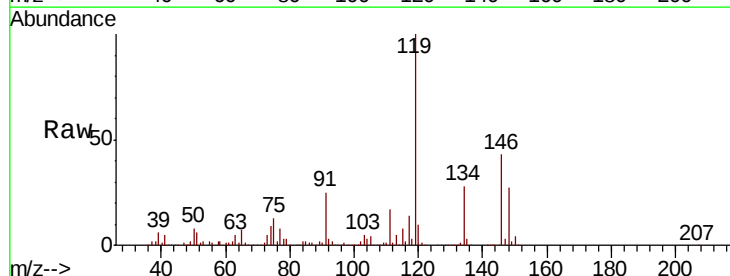
Tgt Ion:119 Resp: 820840

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

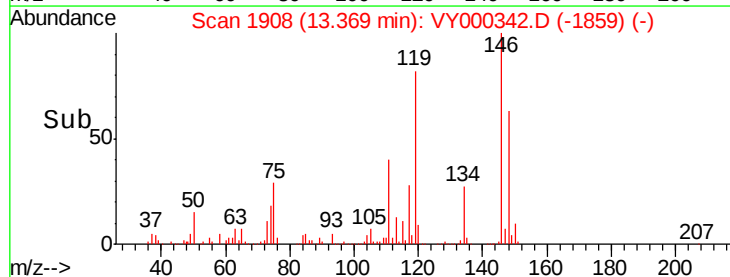
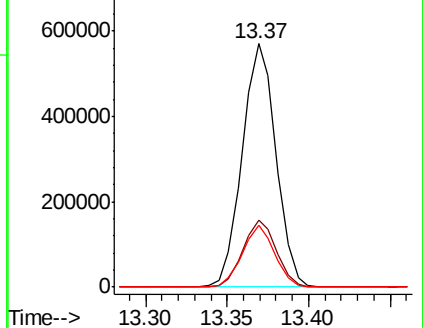
91 24.3 12.0 36.1

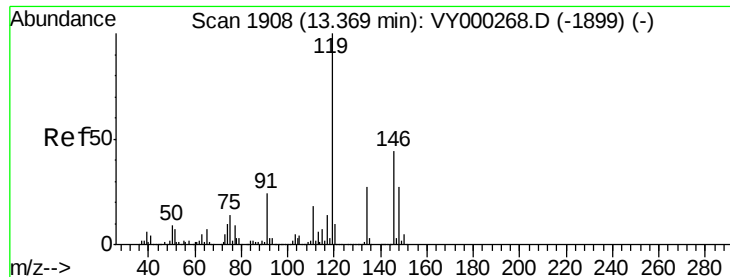


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 48.316 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

Instrument :

MSVOA_Y

ClientSampleId :

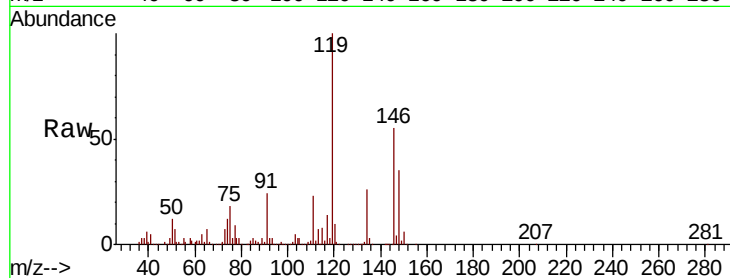
Tot Ion:146 Resp: 391699

Ion Ratio Lower Upper

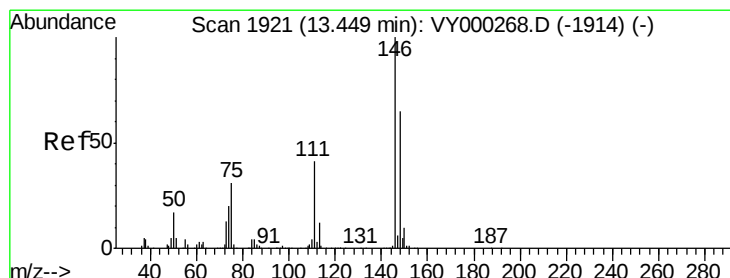
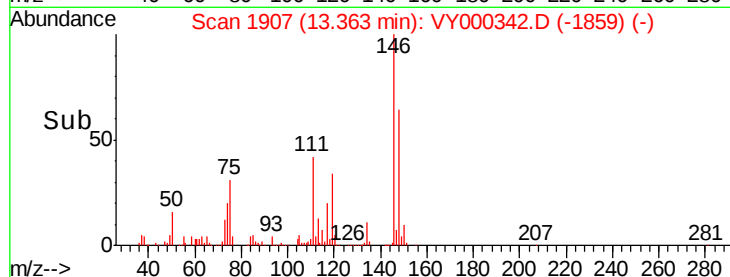
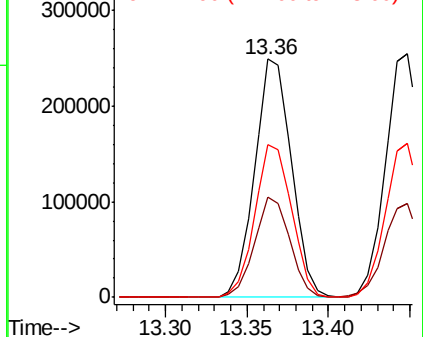
146 100

111 40.6 20.6 61.8

148 64.3 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 48.941 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. -0.00 min

Lab File: VY000342.D

Acq: 18 Oct 2019 10:48

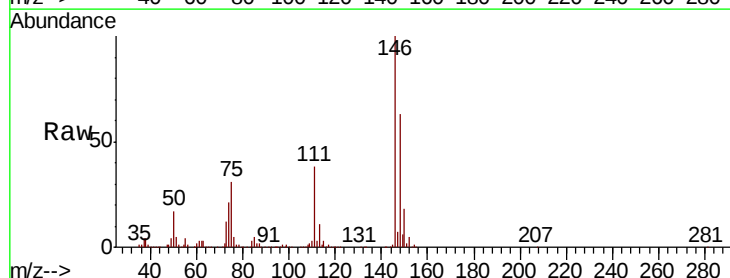
Tgt Ion:146 Resp: 396577

Ion Ratio Lower Upper

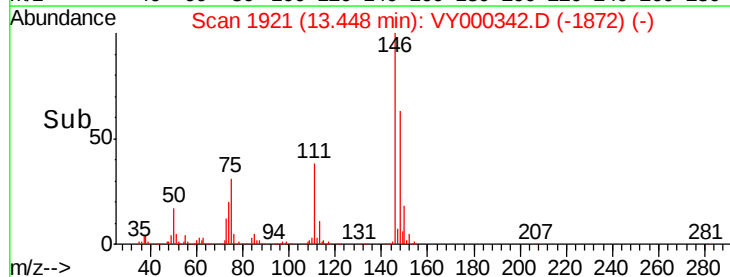
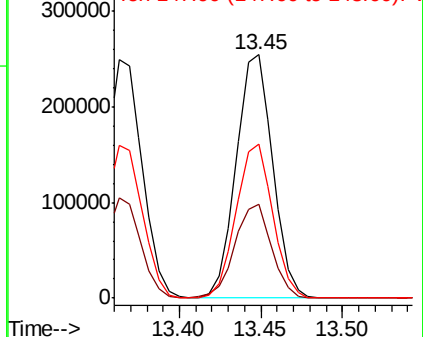
146 100

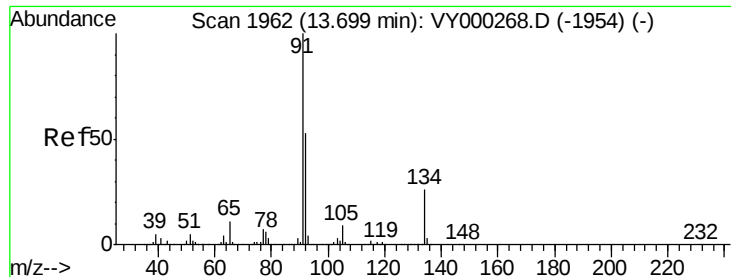
111 38.9 20.1 60.2

148 63.4 32.4 97.2



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

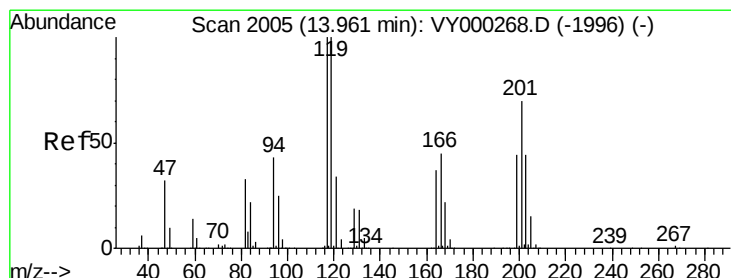
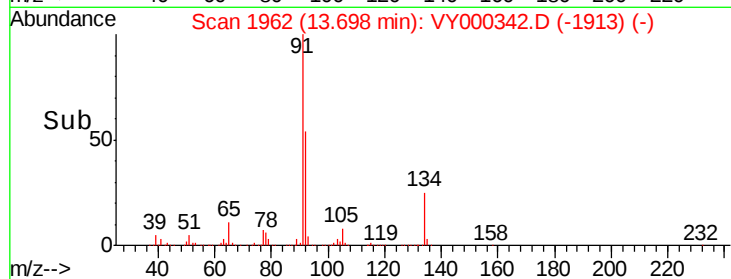
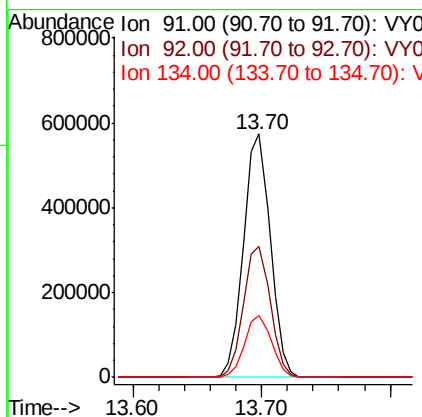
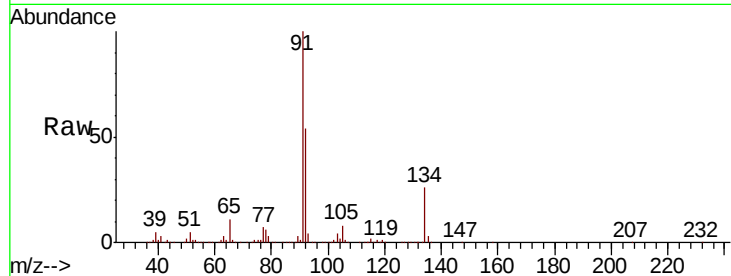




#89
n-Butylbenzene
Concen: 50.243 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

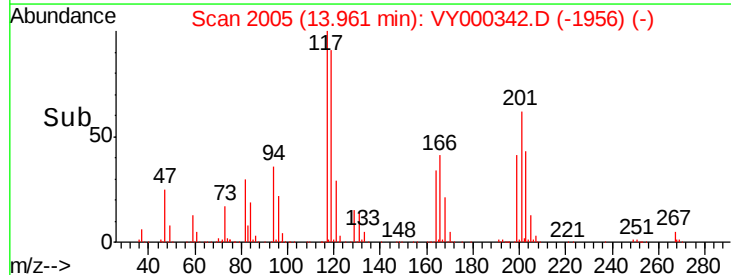
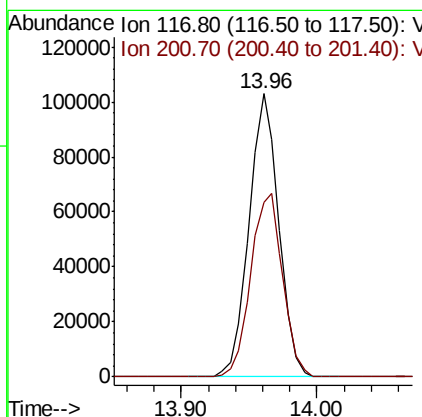
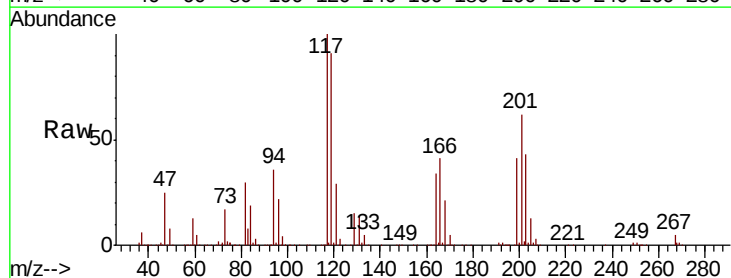
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 822220
Ion Ratio Lower Upper
91 100
92 54.2 26.7 80.1
134 25.6 13.0 38.9



#90
Hexachloroethane
Concen: 51.414 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Tgt Ion: 117 Resp: 157660
Ion Ratio Lower Upper
117 100
201 69.5 36.3 108.7

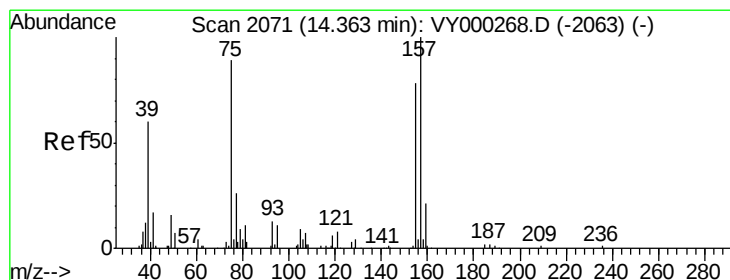
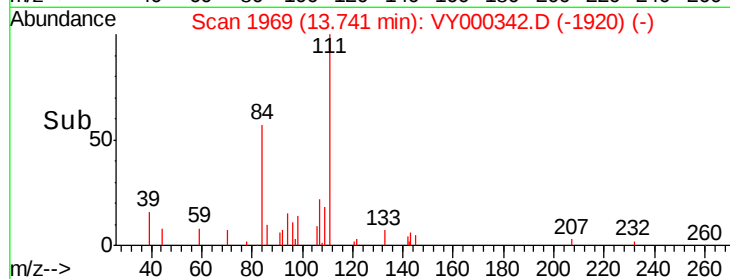
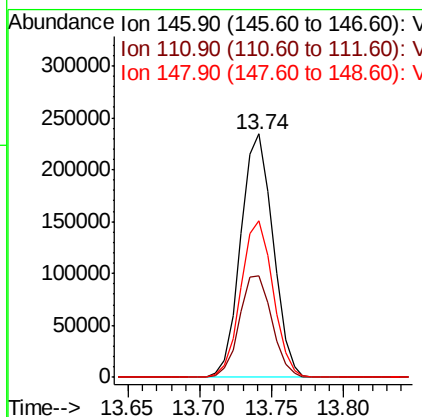
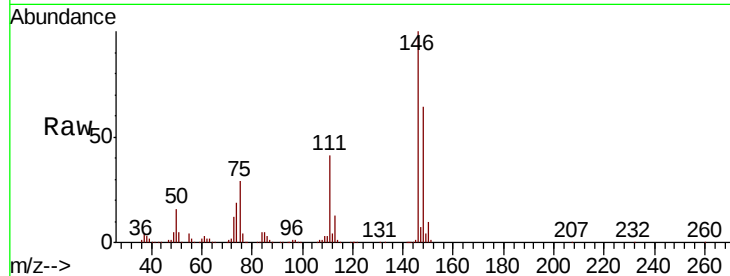




#91
 1,2-Dichlorobenzene
 Concen: 49.604 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

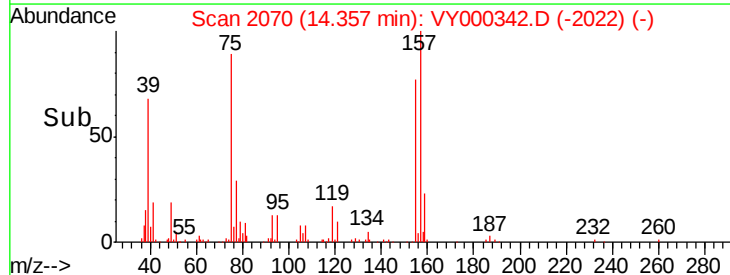
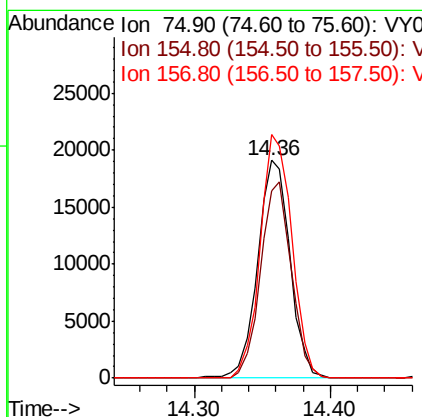
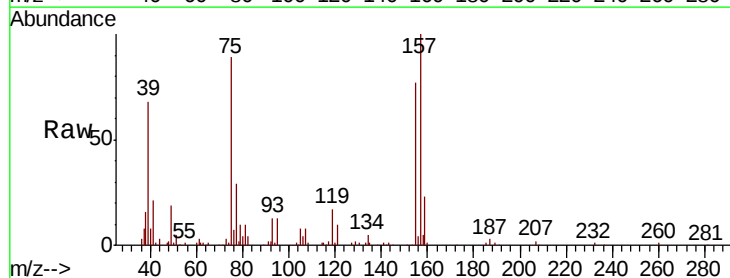
Instrument :
 MSVOA_Y
 ClientSampleId :

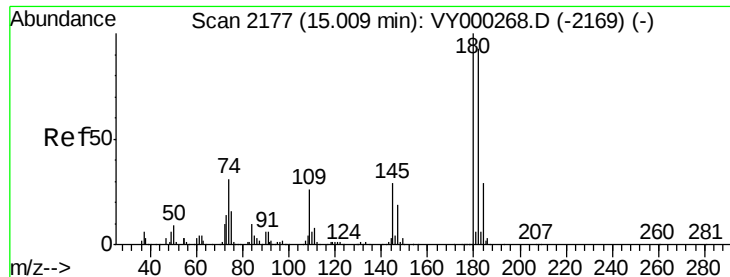
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.5	61.5
148	64.1	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.425 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.8	45.8	137.3
157	109.6	55.6	166.9

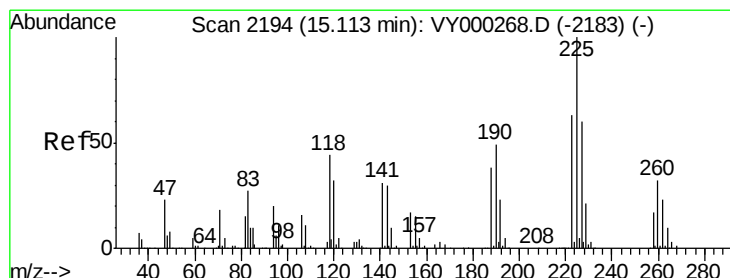
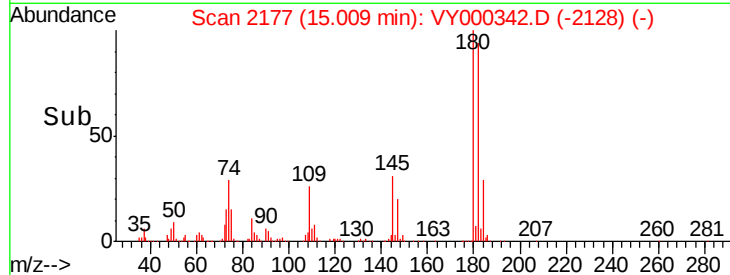
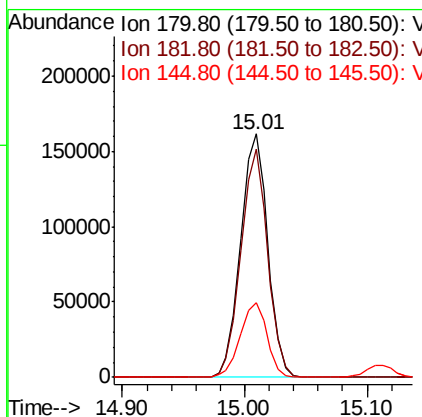
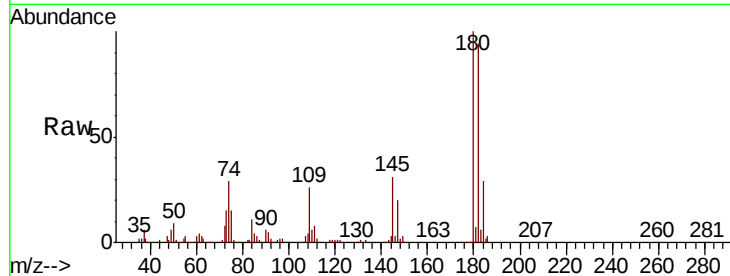




#93
 1,2,4-Trichlorobenzene
 Concen: 48.555 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

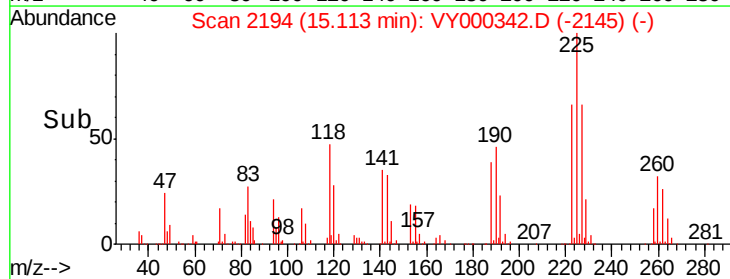
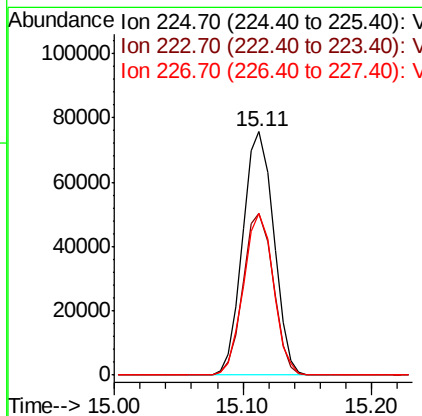
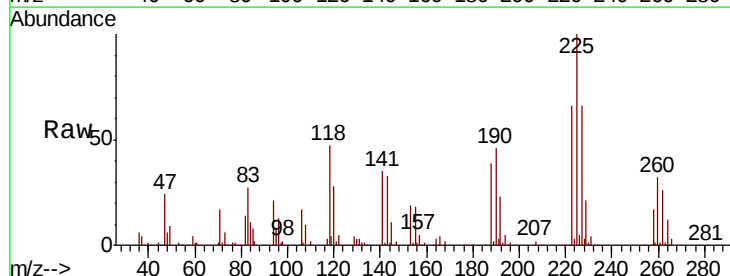
Instrument :
 MSVOA_Y
 ClientSampleId :

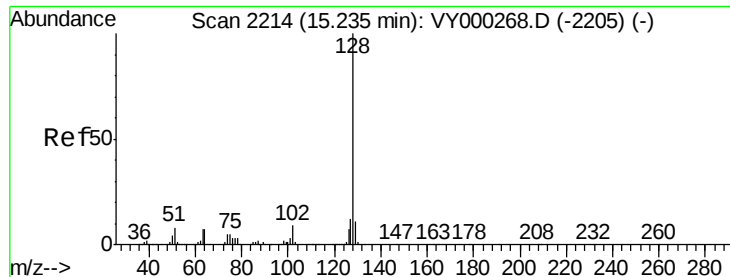
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.5	142.6
145	30.3	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 45.620 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000342.D
 Acq: 18 Oct 2019 10:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.9	95.7
227	64.0	31.4	94.2

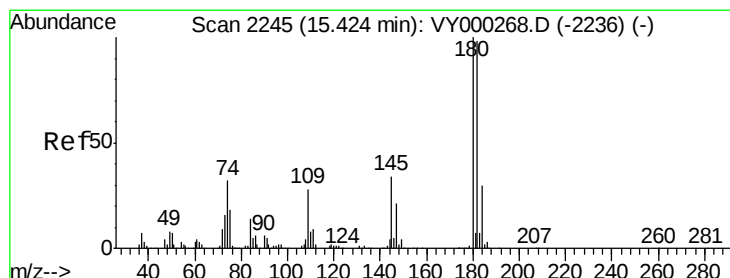
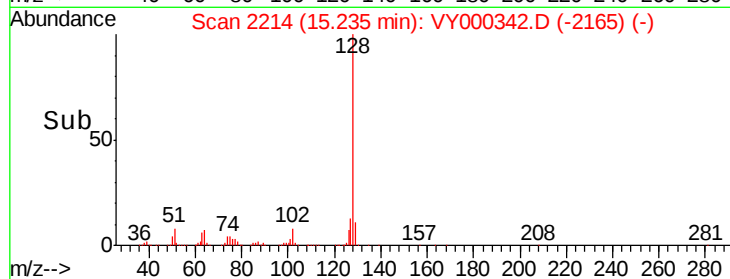
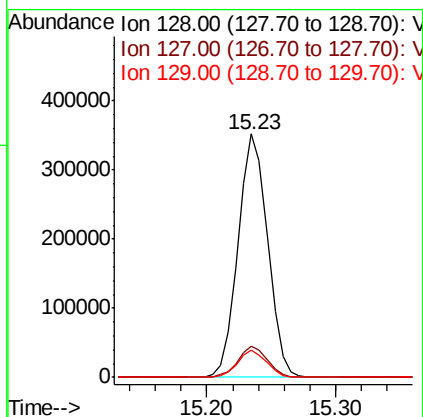
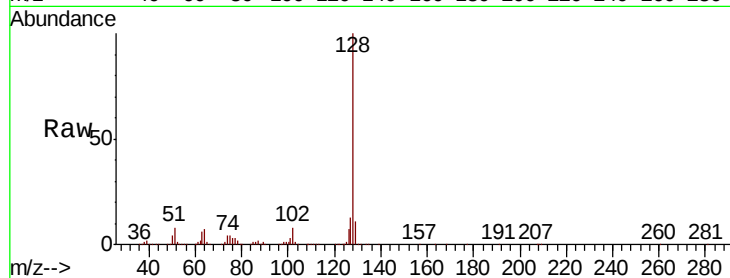




#95
Naphthalene
Concen: 49.003 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 558606
Ion Ratio Lower Upper
128 100
127 12.9 9.6 14.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.954 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000342.D
Acq: 18 Oct 2019 10:48

Tgt Ion:180 Resp: 220765
Ion Ratio Lower Upper
180 100
182 94.0 46.5 139.5
145 32.3 16.2 48.5

