

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000269.D
 Acq On : 11 Oct 2019 14:15
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 07:17:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 07:12:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	272033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	457002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	408704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	201280	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	285523	99.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.00%	
35) Dibromofluoromethane	7.74	113	264388	95.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.82%	
50) Toluene-d8	10.19	98	1084030	102.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.46%	
62) 4-Bromofluorobenzene	12.48	95	388660	96.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	208910	86.133	ug/l	98
3) Chloromethane	2.11	50	292690	88.049	ug/l	98
4) Vinyl Chloride	2.25	62	314920	93.871	ug/l	99
5) Bromomethane	2.63	94	211055	83.901	ug/l	98
6) Chloroethane	2.79	64	208498	96.322	ug/l	100
7) Trichlorofluoromethane	3.13	101	433095	94.377	ug/l	99
8) Diethyl Ether	3.53	74	160323	98.894	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	269133	96.705	ug/l	98
10) Methyl Iodide	4.10	142	417689	114.976	ug/l	99
11) Tert butyl alcohol	4.97	59	143884	478.937	ug/l	99
12) 1,1-Dichloroethene	3.88	96	265389	96.594	ug/l	95
13) Acrolein	3.74	56	181800	516.378	ug/l	98
14) Allyl chloride	4.49	41	453501	99.604	ug/l	98
15) Acrylonitrile	5.18	53	454397	500.774	ug/l	98
16) Acetone	3.96	43	482511	519.235	ug/l	94
17) Carbon Disulfide	4.19	76	831126	96.079	ug/l	98
18) Methyl Acetate	4.49	43	228292	98.876	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	766653	100.238	ug/l	99
20) Methylene Chloride	4.72	84	301398	79.093	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	304188	96.501	ug/l	92
22) Diisopropyl ether	6.13	45	1005891	104.456	ug/l	95
23) Vinyl Acetate	6.07	43	3332443	530.446	ug/l	100
24) 1,1-Dichloroethane	6.03	63	518519	98.647	ug/l	99
25) 2-Butanone	7.00	43	669951	511.784	ug/l	97
26) 2,2-Dichloropropane	6.99	77	458845	94.735	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	338269	99.173	ug/l	100
28) Bromochloromethane	7.35	49	240230	106.463	ug/l	99
29) Tetrahydrofuran	7.36	42	411579	518.796	ug/l	99
30) Chloroform	7.52	83	523091	98.818	ug/l	98
31) Cyclohexane	7.80	56	514238	93.669	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	470795	100.039	ug/l	99
36) 1,1-Dichloropropene	7.93	75	425794	95.163	ug/l	98
37) Ethyl Acetate	7.09	43	262991	99.267	ug/l	98
38) Carbon Tetrachloride	7.91	117	414993	95.792	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	557880	95.266	ug/l	97
40) Benzene	8.17	78	1245810	96.348	ug/l	100
41) Methacrylonitrile	7.36	41	364598	313.317	ug/l #	25
42) 1,2-Dichloroethane	8.25	62	353424	95.687	ug/l	99
43) Isopropyl Acetate	8.28	43	500485	99.352	ug/l	99
44) Trichloroethene	8.95	130	333246	91.852	ug/l	95
45) 1,2-Dichloropropane	9.23	63	310396	97.819	ug/l	98
46) Dibromomethane	9.32	93	173628	97.882	ug/l	97
47) Bromodichloromethane	9.50	83	412001	98.554	ug/l	98
48) Methyl methacrylate	9.30	41	226667	102.671	ug/l	98
49) 1,4-Dioxane	9.31	88	52456	1972.277	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	1335574	514.035	ug/l	99
52) Toluene	10.25	92	800681	97.532	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	455029	101.565	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	515826	101.383	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	254509	98.681	ug/l	95
56) Ethyl methacrylate	10.52	69	384768	104.666	ug/l	99
57) 1,3-Dichloropropane	10.80	76	439802	99.293	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	791779	539.982	ug/l	98
59) 2-Hexanone	10.84	43	962024	527.506	ug/l	99
60) Dibromochloromethane	10.99	129	294056	102.866	ug/l	97
61) 1,2-Dibromoethane	11.09	107	246713	99.626	ug/l	99
64) Tetrachloroethene	10.72	164	355622	91.398	ug/l	98
65) Chlorobenzene	11.52	112	839699	97.351	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	296233	97.768	ug/l	99
67) Ethyl Benzene	11.59	91	1558073	97.442	ug/l	99
68) m/p-Xylenes	11.70	106	1193853	195.310	ug/l	97
69) o-Xylene	12.03	106	567350	97.295	ug/l	100
70) Styrene	12.05	104	1001726	101.861	ug/l	99
71) Bromoform	12.21	173	182673	104.876	ug/l	100
73) Isopropylbenzene	12.33	105	1558530	99.304	ug/l	100
74) N-amyl acetate	12.14	43	435234	112.961	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	308877	104.820	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	436444	108.466	ug/l #	100
77) Bromobenzene	12.61	156	334238	95.705	ug/l	97
78) n-propylbenzene	12.67	91	1881320	99.838	ug/l	99
79) 2-Chlorotoluene	12.76	91	1032858	99.250	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1289349	97.973	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	123967	109.587	ug/l	98
82) 4-Chlorotoluene	12.86	91	1100262	100.021	ug/l	99
83) tert-Butylbenzene	13.08	119	1088472	97.668	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1285455	98.968	ug/l	99
85) sec-Butylbenzene	13.25	105	1583965	98.248	ug/l	100
86) p-Isopropyltoluene	13.37	119	1396666	99.368	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	659146	95.793	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	667908	97.113	ug/l	97
89) n-Butylbenzene	13.70	91	1398721	100.702	ug/l	99
90) Hexachloroethane	13.96	117	266706	102.473	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	606615	97.414	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	57034	102.052	ug/l	96

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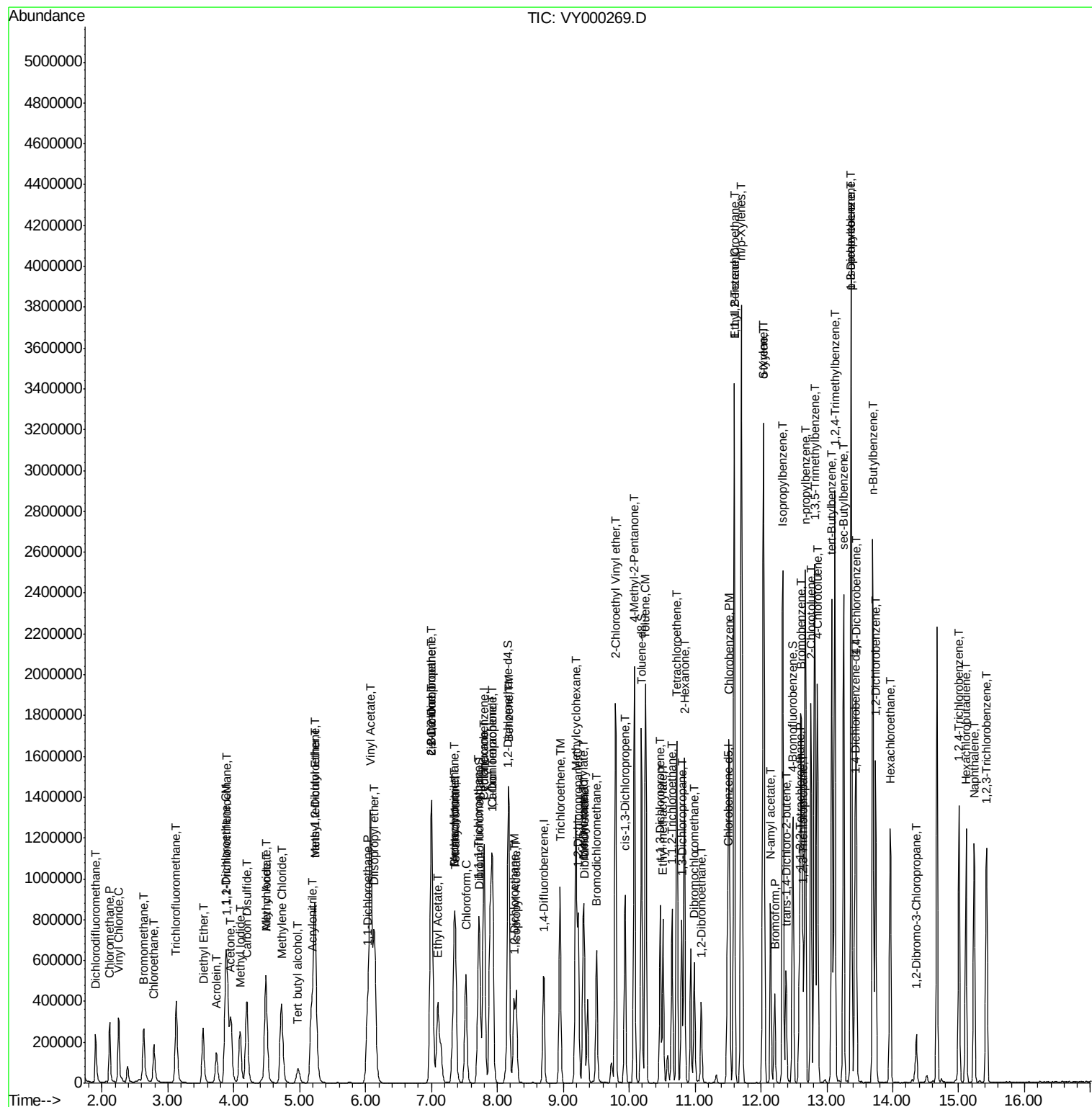
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	399467	92.137	ug/l	99
94) Hexachlorobutadiene	15.11	225	211243	90.033	ug/l	99
95) Naphthalene	15.23	128	932445	96.373	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	365197	93.462	ug/l	99

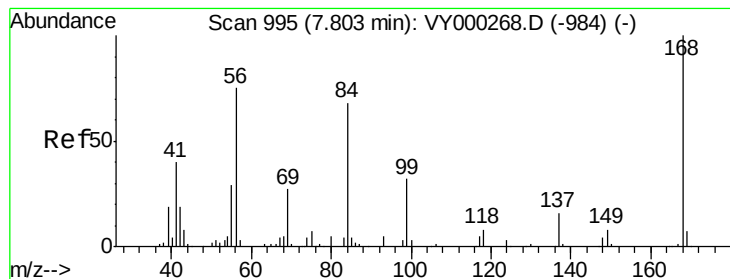
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

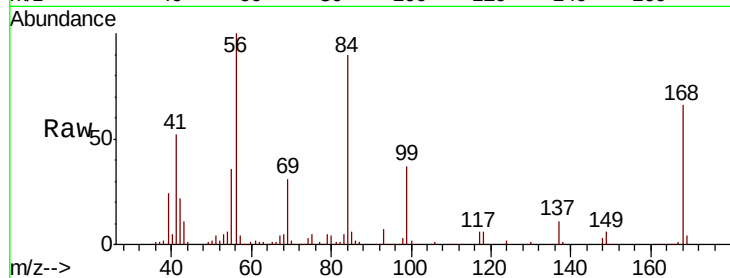
ClientSampleId :

Tot Ion:168 Resp: 272033

Ion Ratio Lower Upper

168 100

99 55.9 46.6 69.8



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

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

7.80

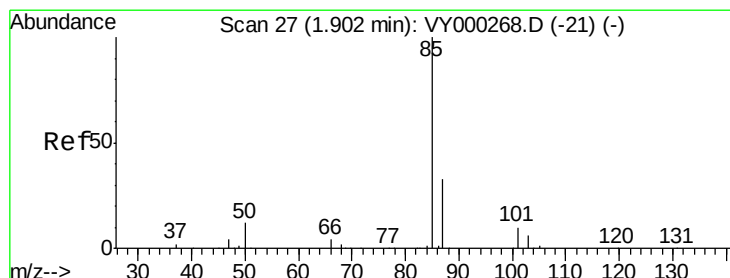
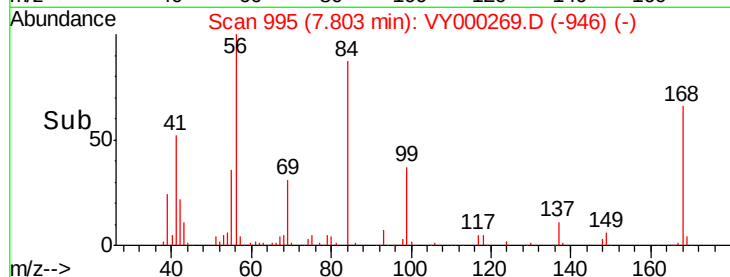
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 86.133 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000269.D

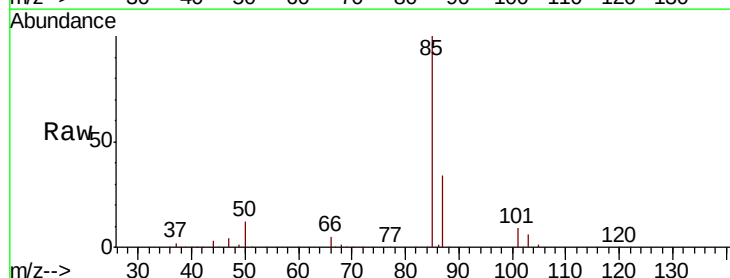
Acq: 11 Oct 2019 14:15

Tgt Ion: 85 Resp: 208910

Ion Ratio Lower Upper

85 100

87 34.2 16.6 49.8



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

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

1.90

150000

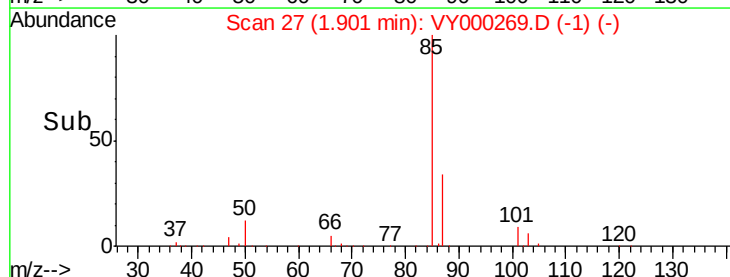
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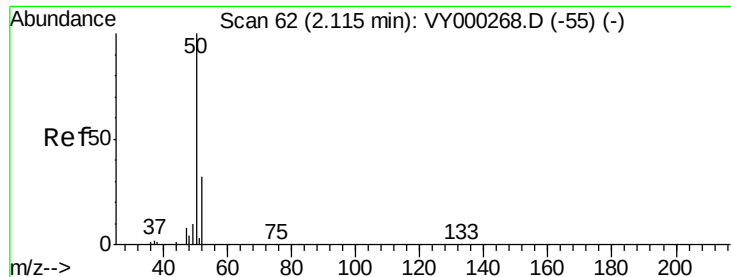
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 88.049 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

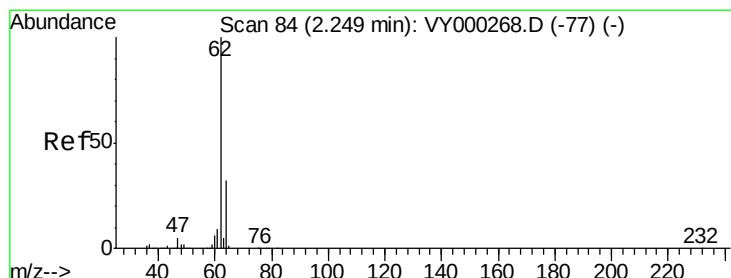
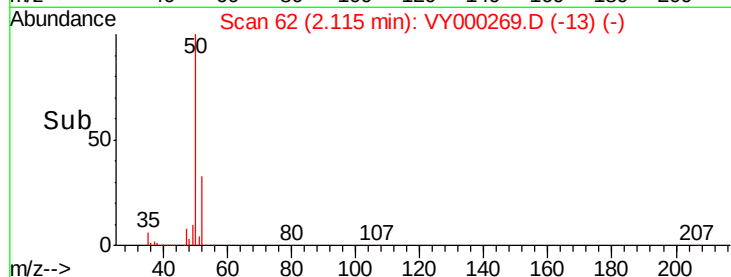
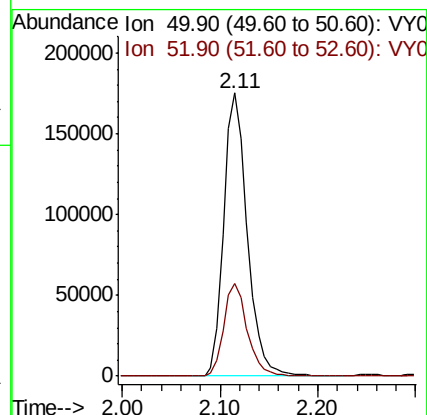
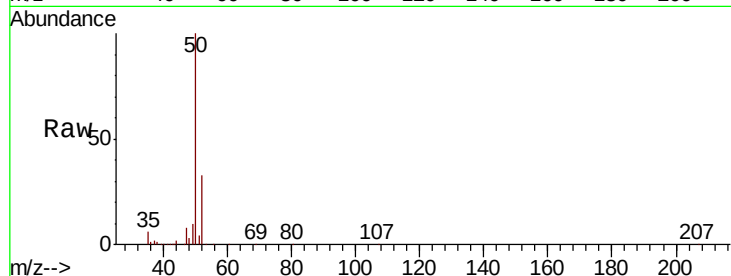
ClientSampleId :

Tot Ion: 50 Resp: 292690

Ion Ratio Lower Upper

50 100

52 33.0 25.3 37.9



#4

Vinyl Chloride

Concen: 93.871 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000269.D

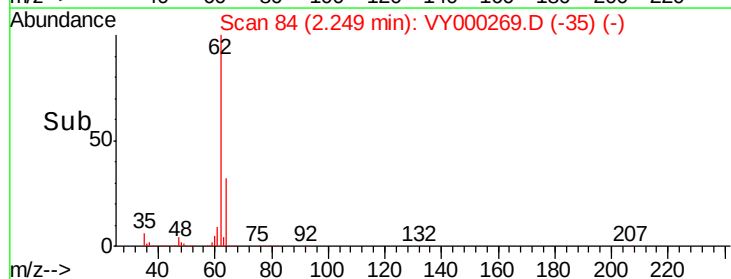
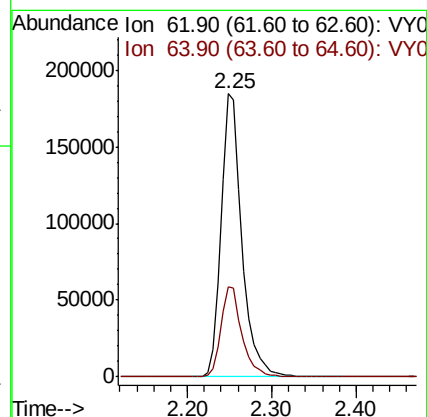
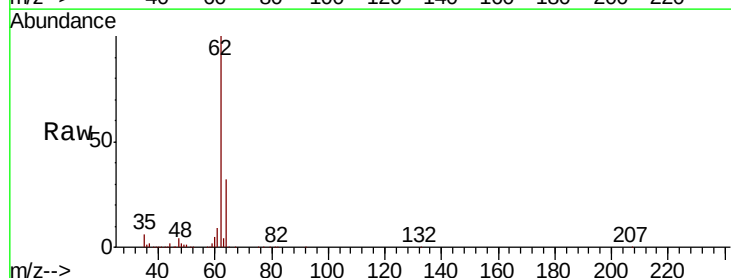
Acq: 11 Oct 2019 14:15

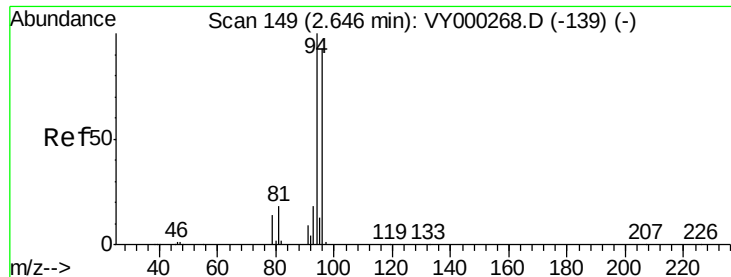
Tgt Ion: 62 Resp: 314920

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4





#5

Bromomethane

Concen: 83.901 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

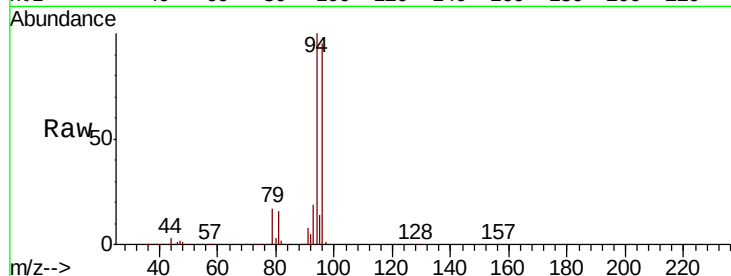
ClientSampleId :

Tot Ion: 94 Resp: 211055

Ion Ratio Lower Upper

94 100

96 94.6 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

100000

80000

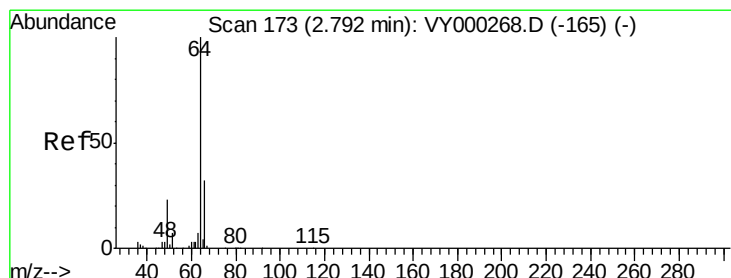
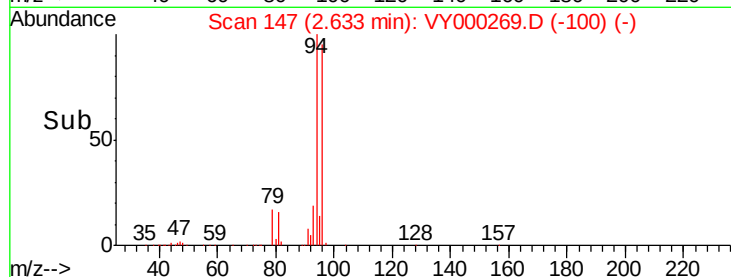
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 96.322 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000269.D

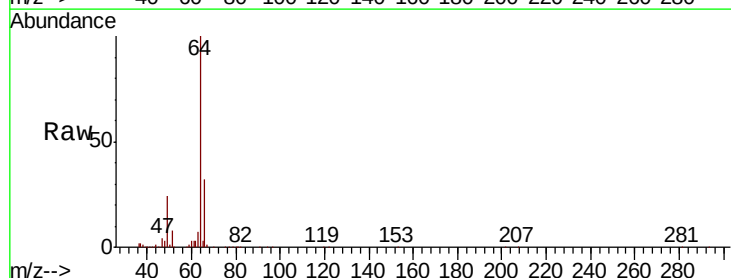
Acq: 11 Oct 2019 14:15

Tgt Ion: 64 Resp: 208498

Ion Ratio Lower Upper

64 100

66 31.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

100000

80000

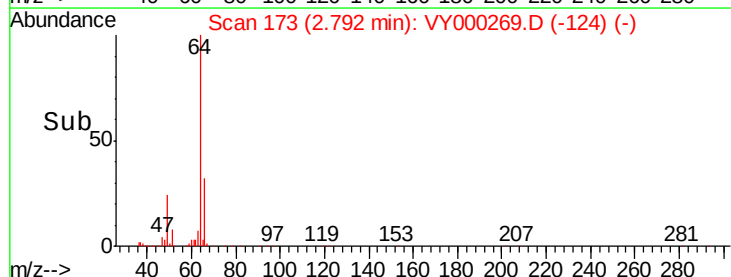
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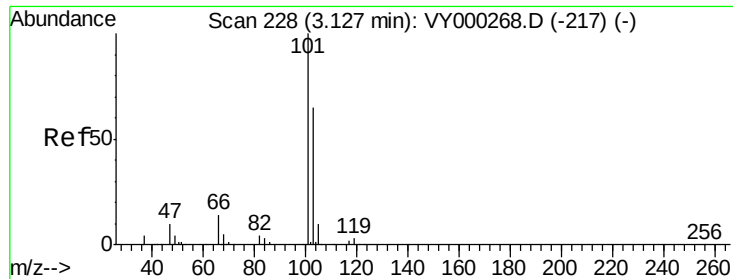
40000

20000

0

Time-->



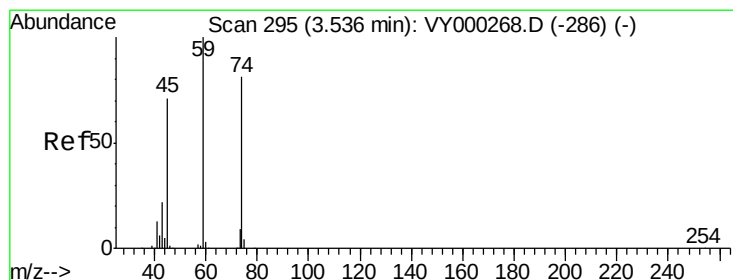
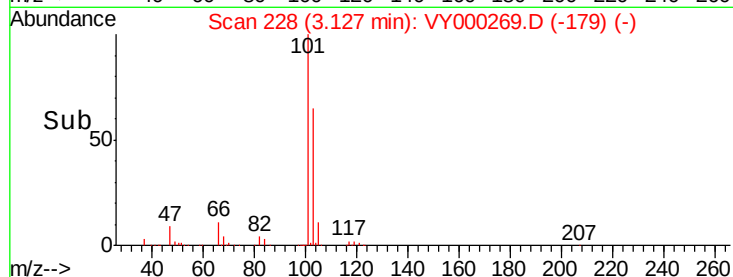
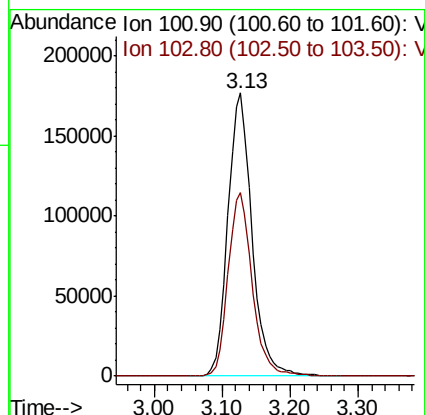
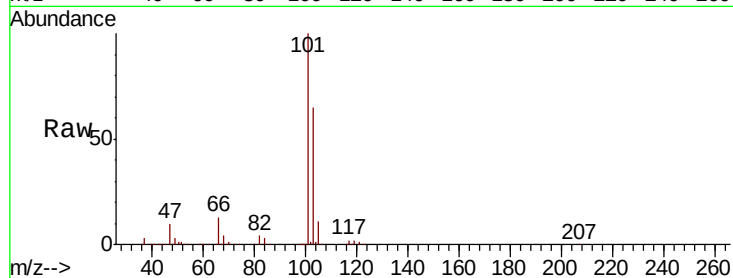


#7

Trichlorofluoromethane
Concen: 94.377 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Instrument :
MSVOA_Y
ClientSampleId :

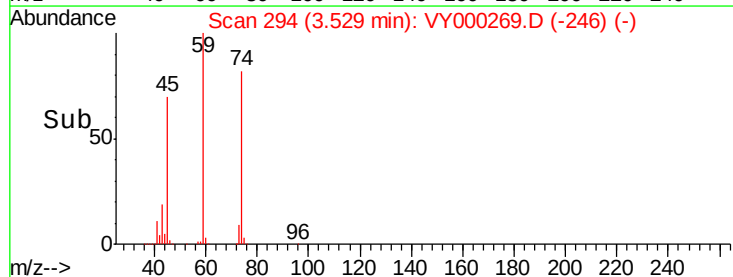
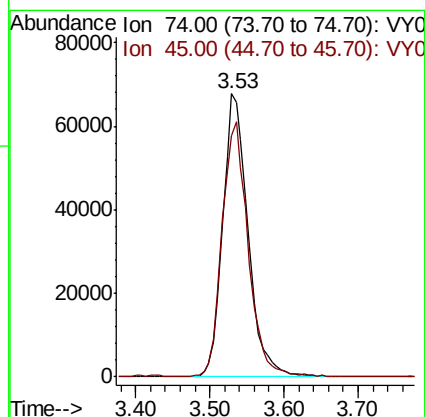
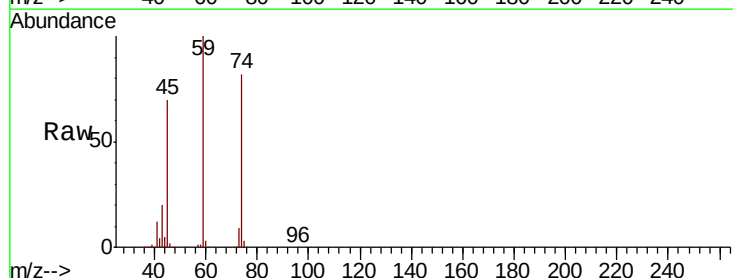
Tot Ion:101 Resp: 433095
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

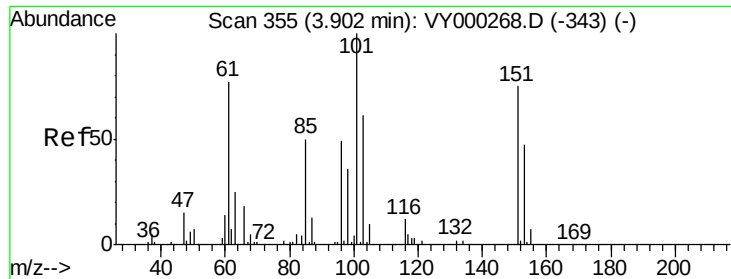


#8

Diethyl Ether
Concen: 98.894 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion: 74 Resp: 160323
Ion Ratio Lower Upper
74 100
45 92.4 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.705 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

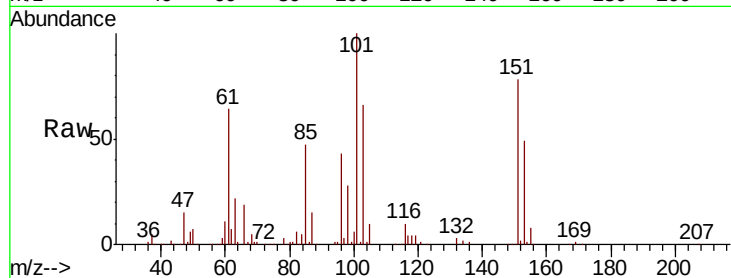
Tot Ion:101 Resp: 269133

Ion Ratio Lower Upper

101 100

85 44.8 36.6 55.0

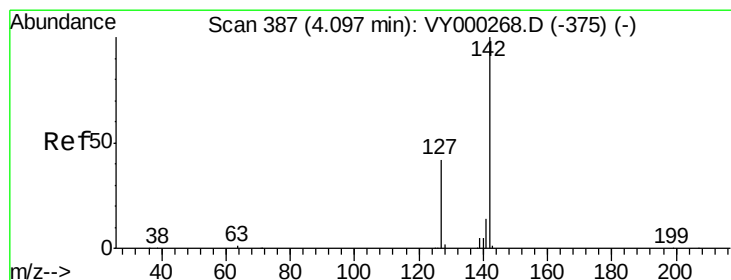
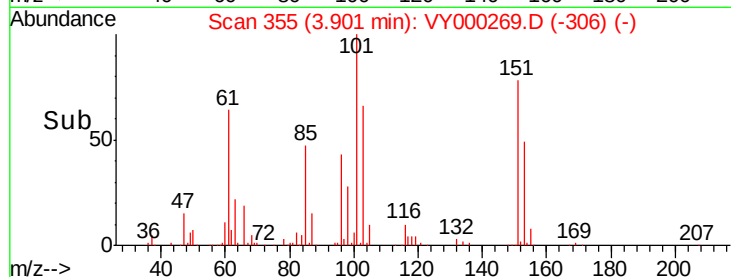
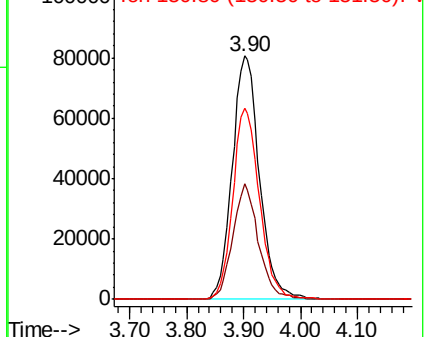
151 77.0 63.1 94.7



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: 114.976 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

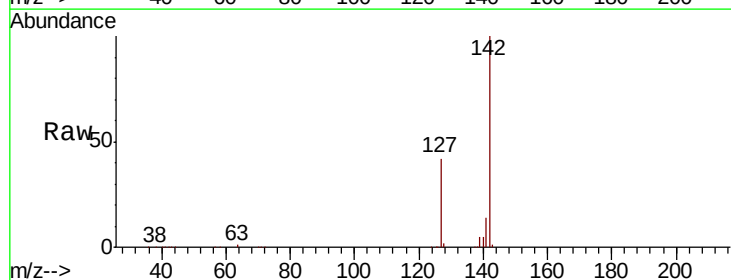
Tgt Ion:142 Resp: 417689

Ion Ratio Lower Upper

142 100

127 42.0 33.9 50.9

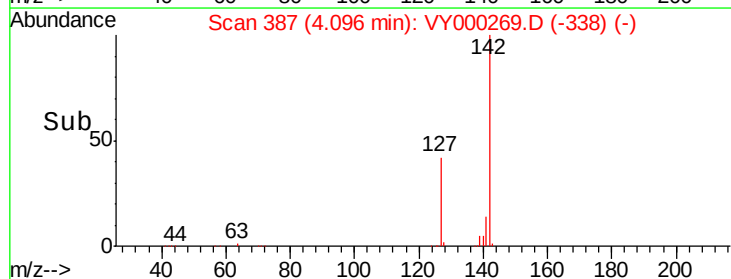
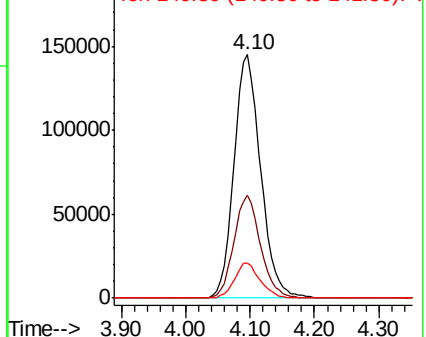
141 14.0 11.2 16.8

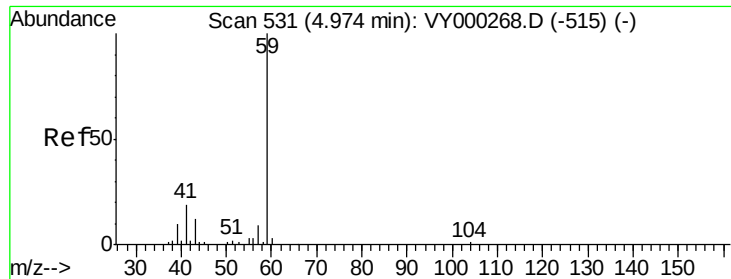


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

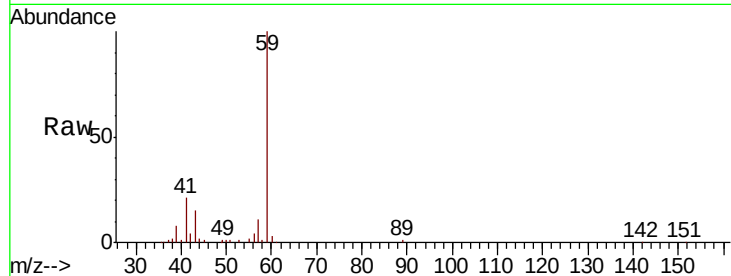




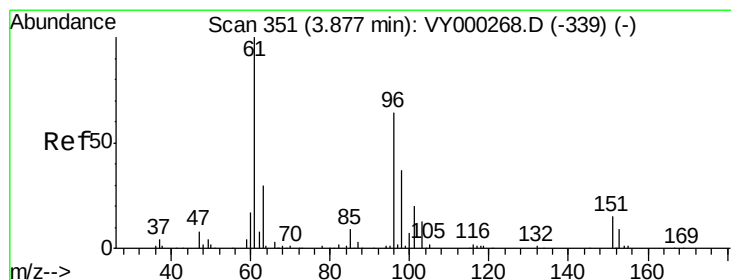
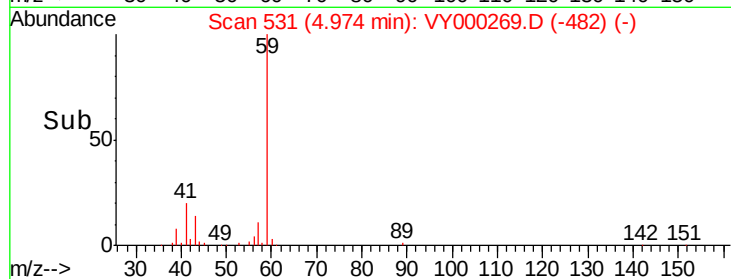
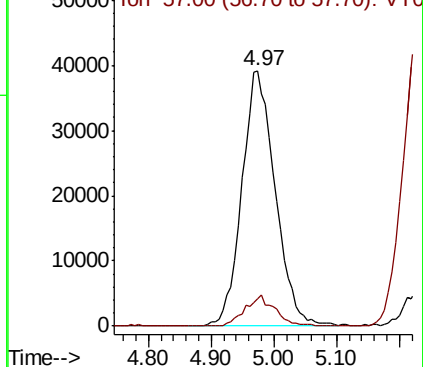
#11
Tert butyl alcohol
Concen: 478.937 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 59 Resp: 143884
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2

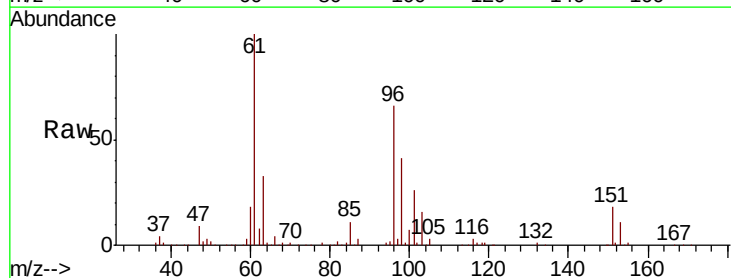


Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

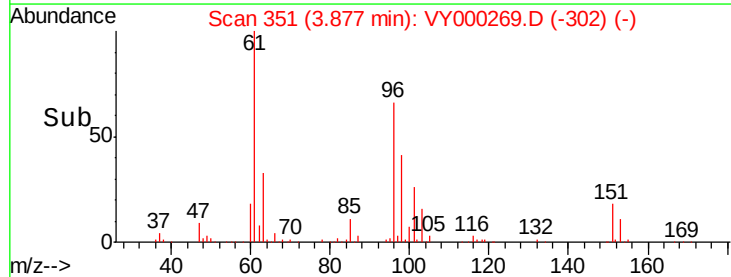
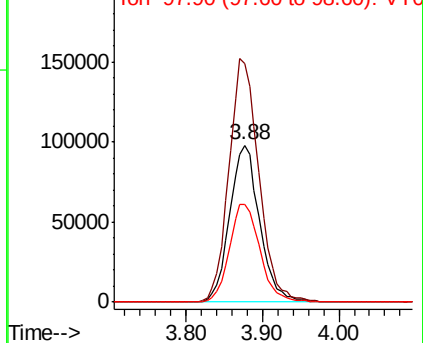


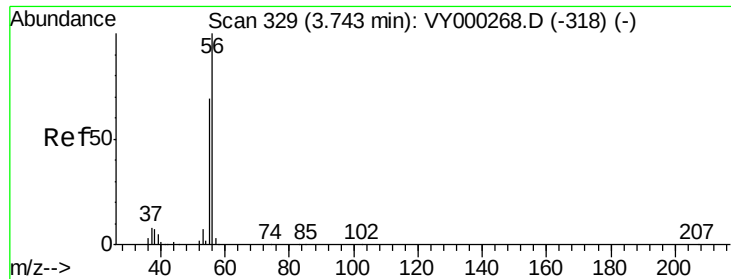
#12
1,1-Dichloroethene
Concen: 96.594 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion: 96 Resp: 265389
Ion Ratio Lower Upper
96 100
61 151.4 125.8 188.6
98 61.9 46.2 69.2



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





#13

Acrolein

Concen: 516.378 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

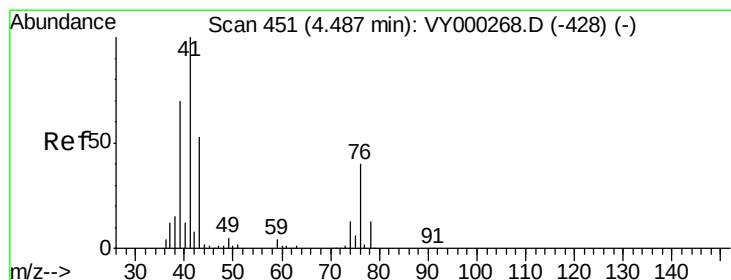
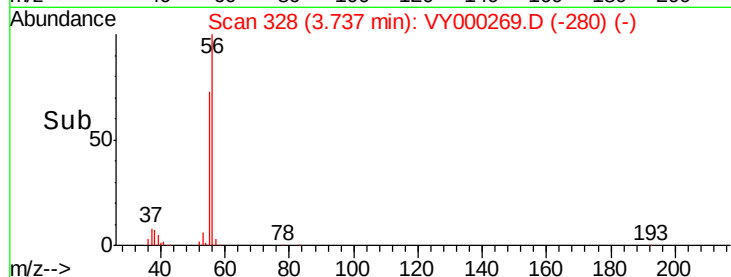
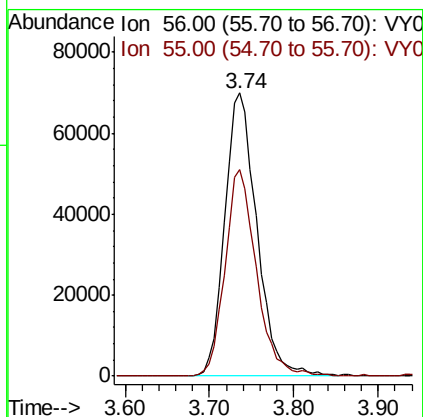
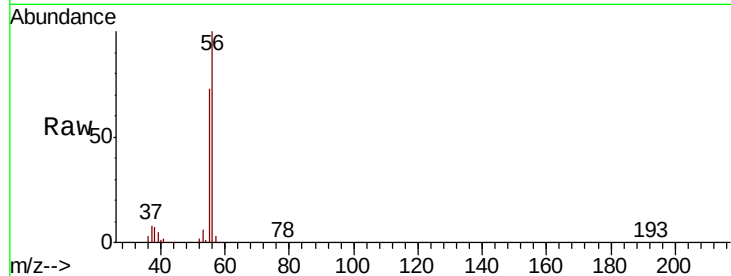
ClientSampleId :

Tot Ion: 56 Resp: 181800

Ion Ratio Lower Upper

56 100

55 71.1 55.7 83.5



#14

Allyl chloride

Concen: 99.604 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

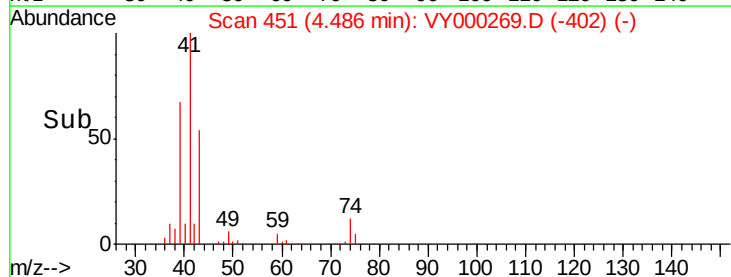
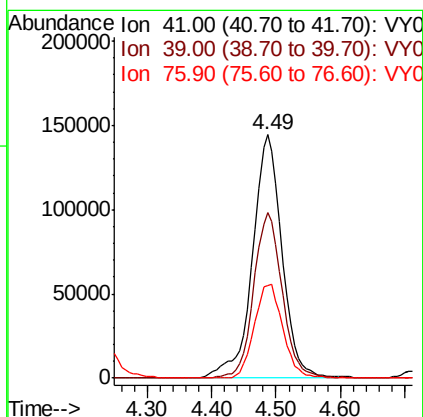
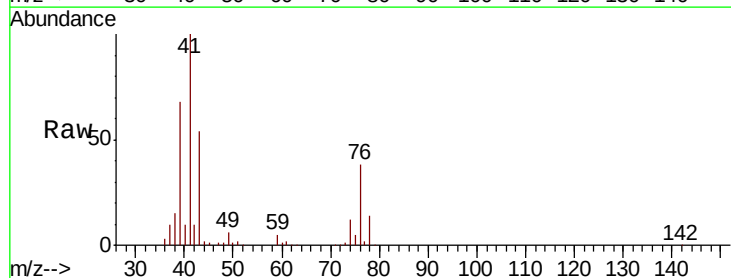
Tgt Ion: 41 Resp: 453501

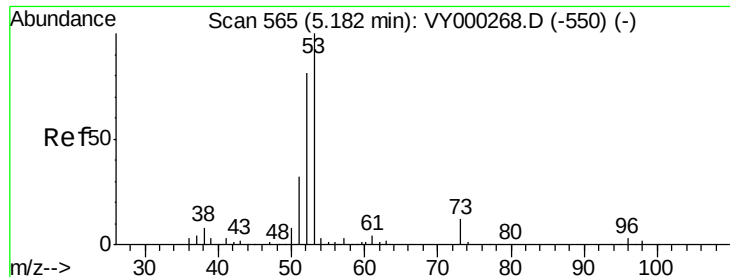
Ion Ratio Lower Upper

41 100

39 65.7 54.0 81.0

76 37.4 30.7 46.1





#15

Acrylonitrile

Concen: 500.774 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

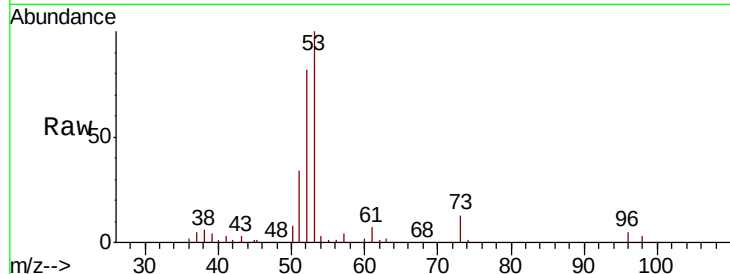
Tot Ion: 53 Resp: 454397

Ion Ratio Lower Upper

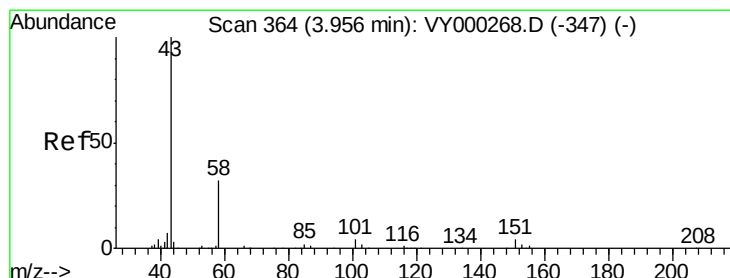
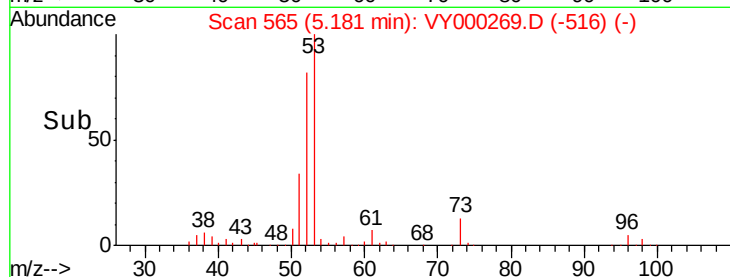
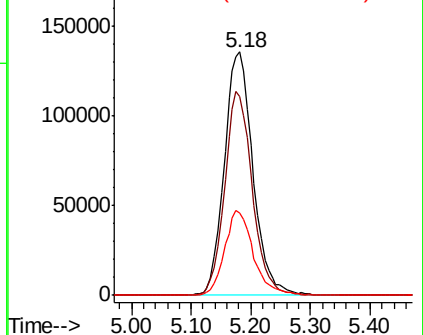
53 100

52 80.5 62.9 94.3

51 34.9 26.9 40.3



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



#16

Acetone

Concen: 519.235 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000269.D

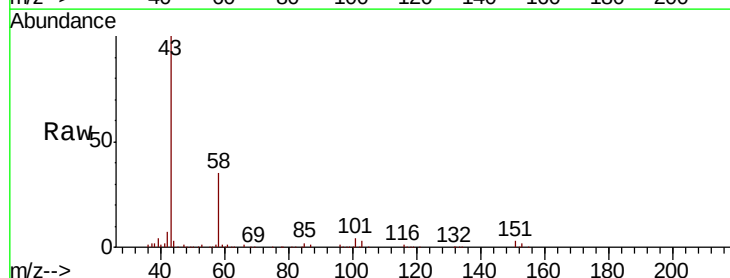
Acq: 11 Oct 2019 14:15

Tgt Ion: 43 Resp: 482511

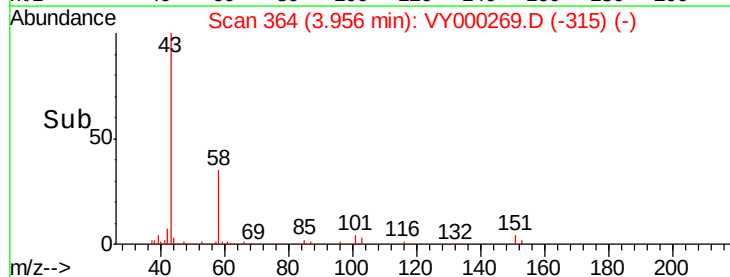
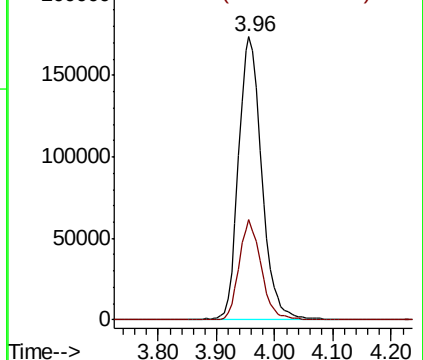
Ion Ratio Lower Upper

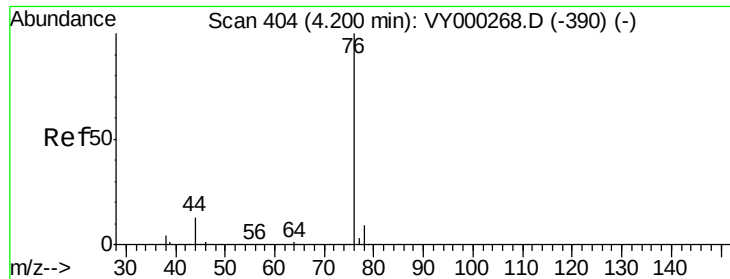
43 100

58 35.3 25.8 38.6



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

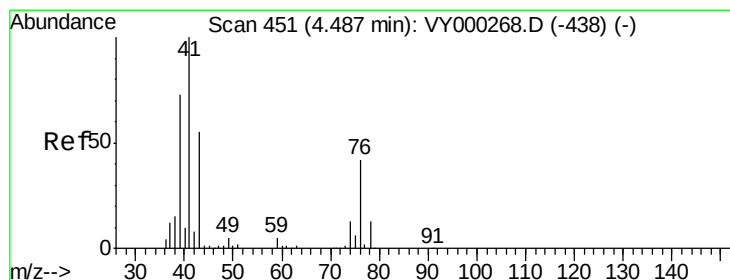
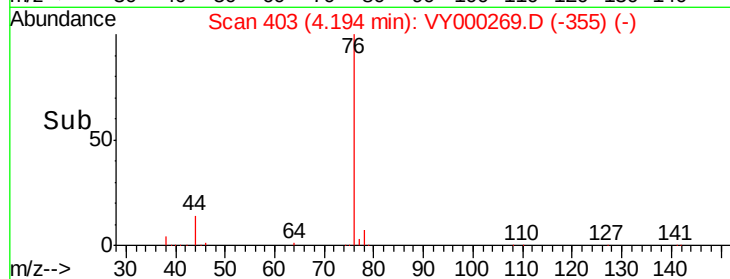
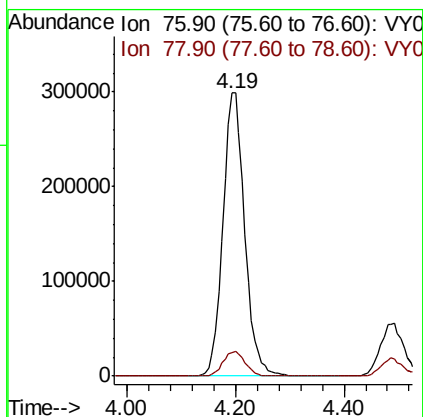
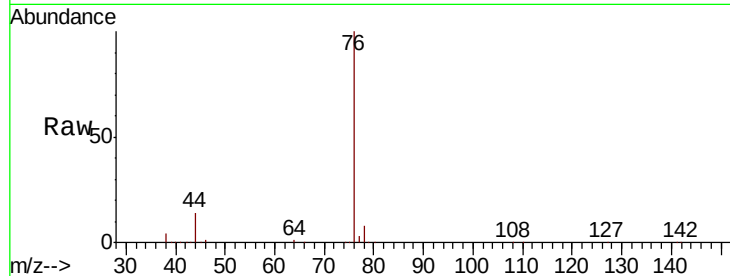




#17
Carbon Disulfide
Concen: 96.079 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

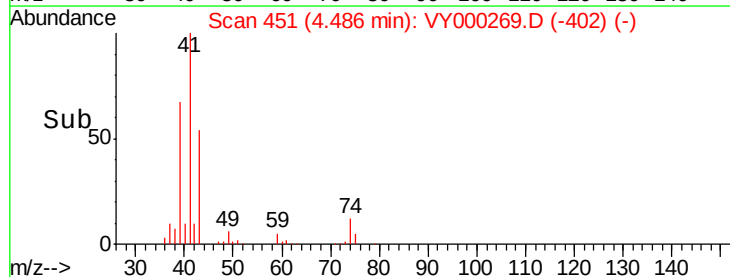
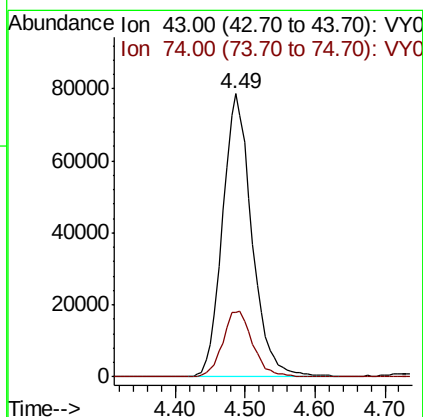
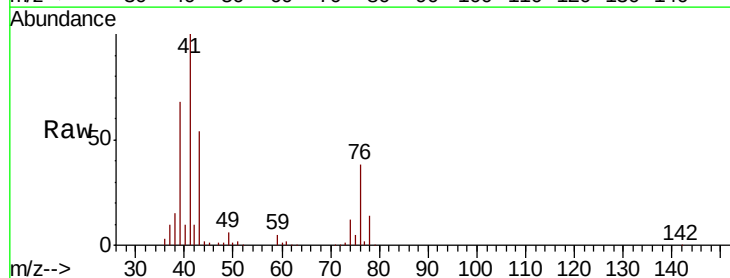
Instrument :
MSVOA_Y
ClientSampleId :

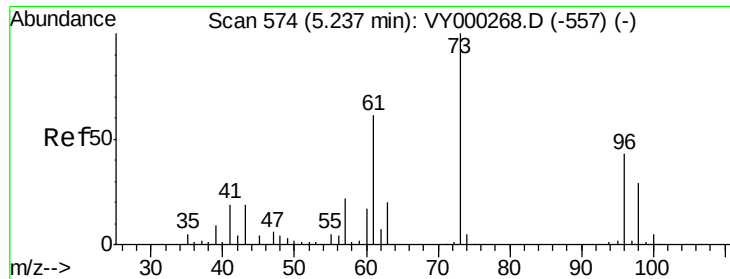
Tot Ion: 76 Resp: 831126
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.4



#18
Methyl Acetate
Concen: 98.876 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion: 43 Resp: 228292
Ion Ratio Lower Upper
43 100
74 23.8 20.4 30.6

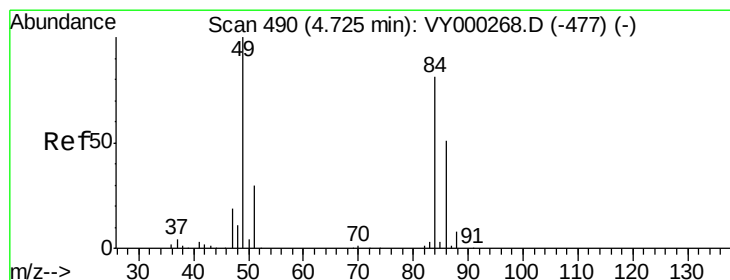
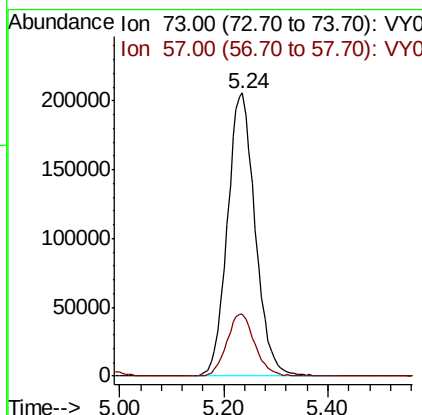
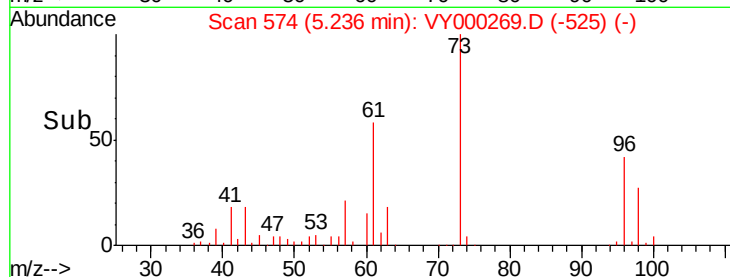
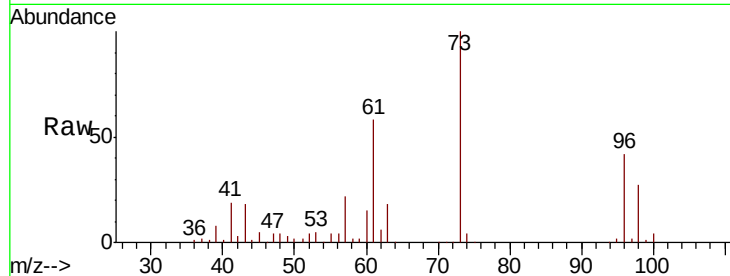




#19
Methyl tert-butyl Ether
Concen: 100.238 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

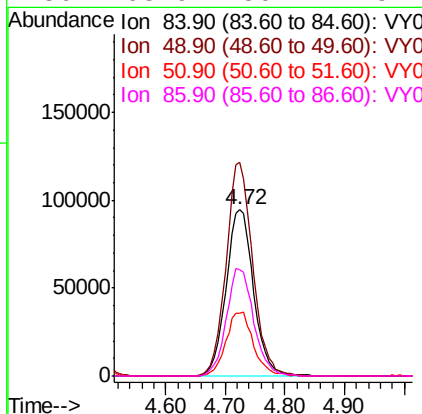
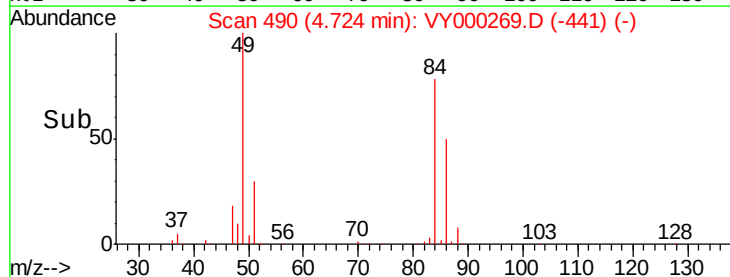
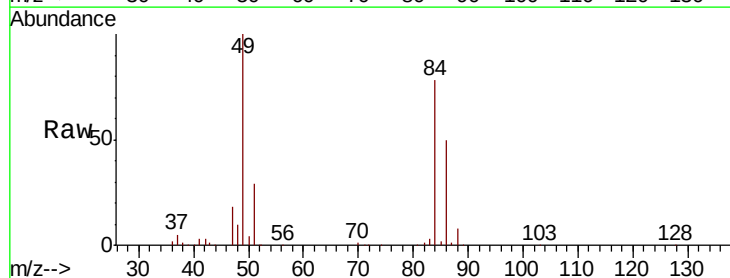
Instrument :
MSVOA_Y
ClientSampled :

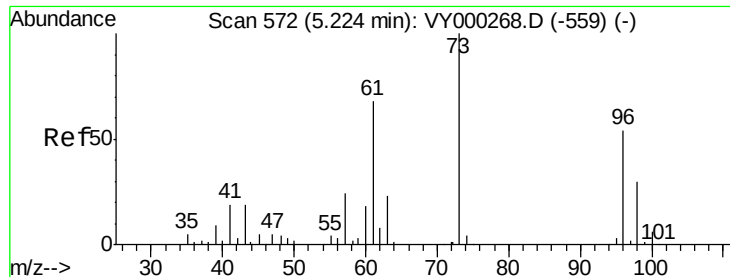
Tot Ion: 73 Resp: 766653
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.0



#20
Methylene Chloride
Concen: 79.093 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion: 84 Resp: 301398
Ion Ratio Lower Upper
84 100
49 128.5 99.0 148.4
51 37.9 29.3 43.9
86 63.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 96.501 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

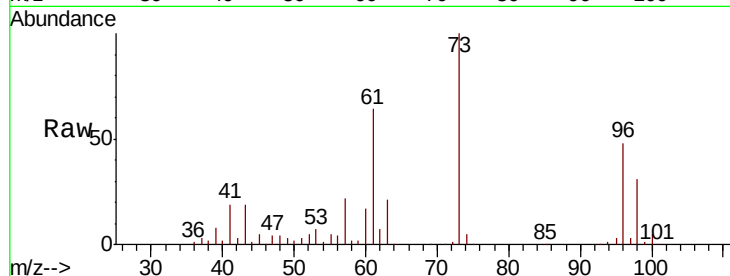
Tot Ion: 96 Resp: 304188

Ion Ratio Lower Upper

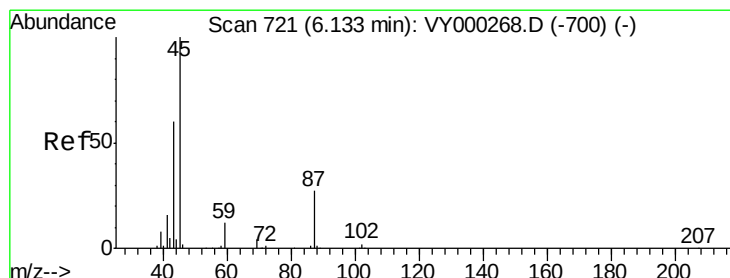
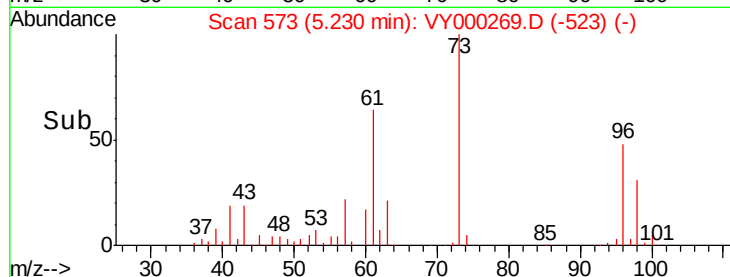
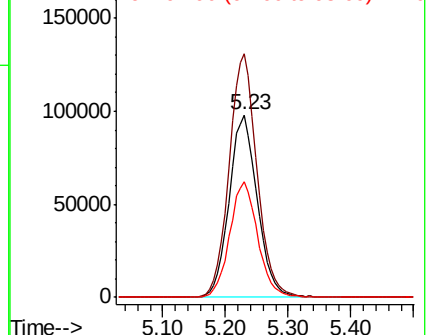
96 100

61 133.4 100.4 150.6

98 63.7 44.6 66.8



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



#22

Diisopropyl ether

Concen: 104.456 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Tgt Ion: 45 Resp: 1005891

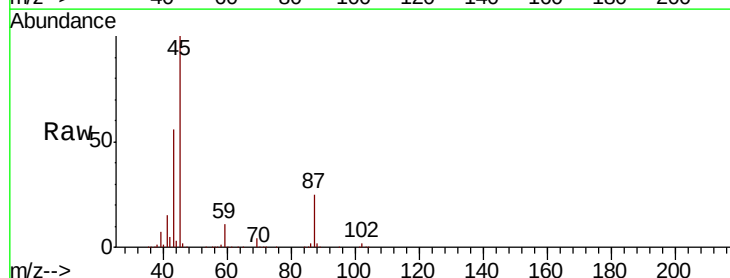
Ion Ratio Lower Upper

45 100

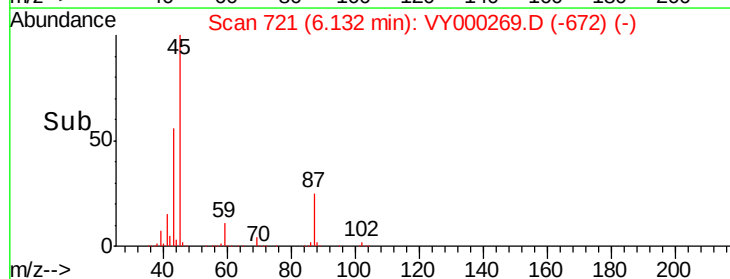
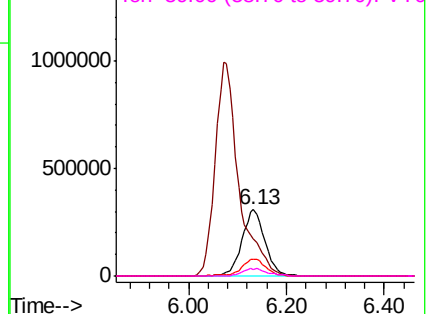
43 55.8 48.5 72.7

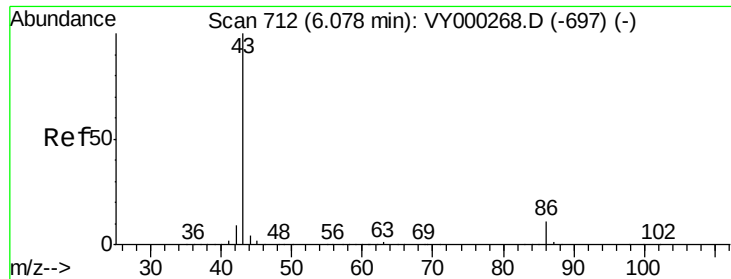
87 25.0 21.5 32.3

59 10.7 9.4 14.0



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





#23

Vinyl Acetate

Concen: 530.446 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

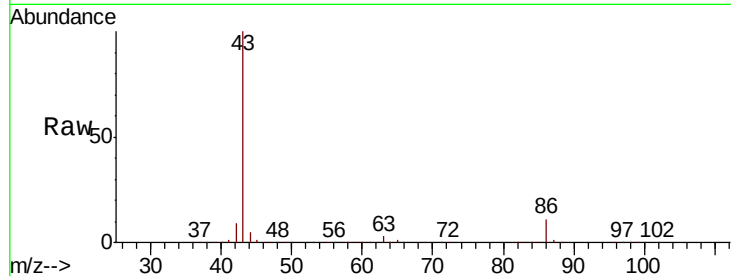
ClientSampled :

Tot Ion: 43 Resp: 3332443

Ion Ratio Lower Upper

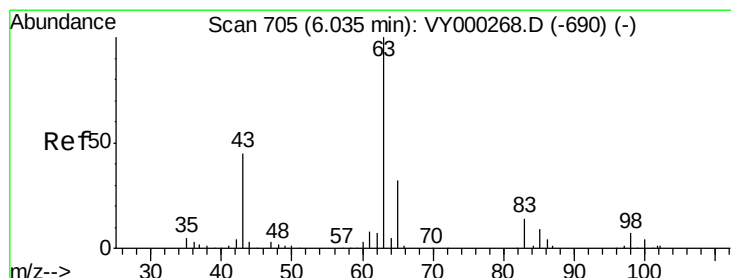
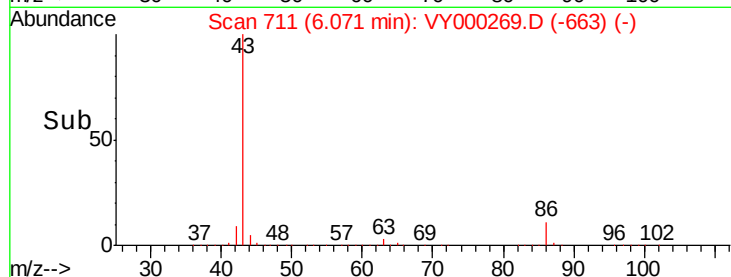
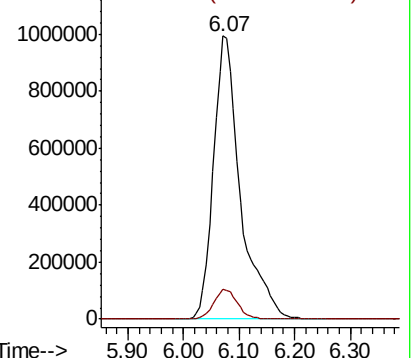
43 100

86 10.7 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: 98.647 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

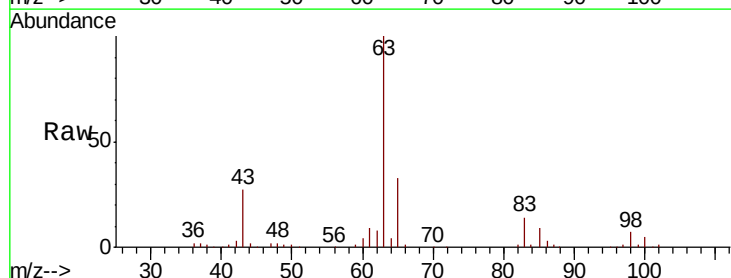
Tgt Ion: 63 Resp: 518519

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

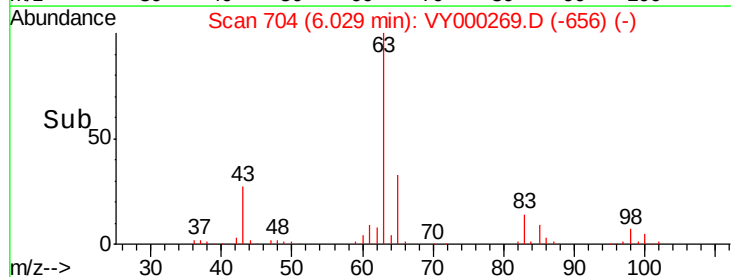
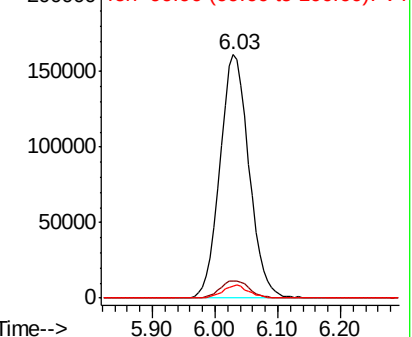
100 4.7 2.1 6.2

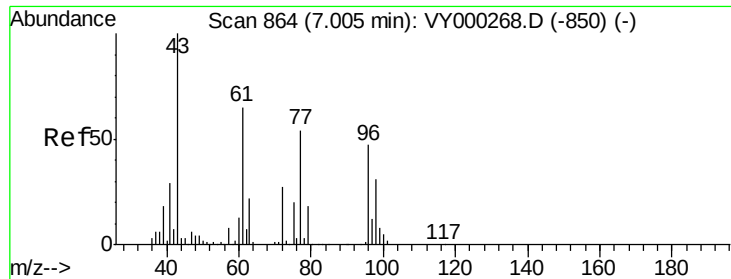


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 511.784 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

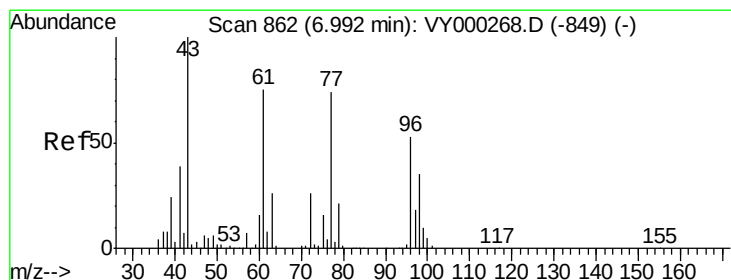
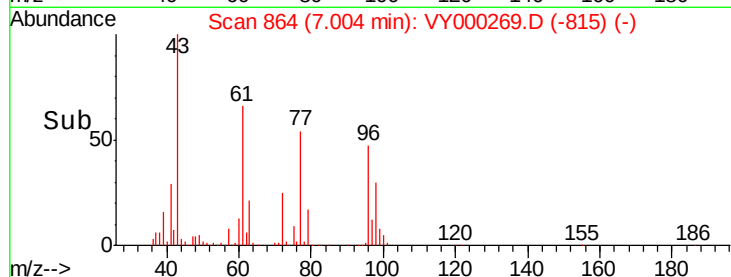
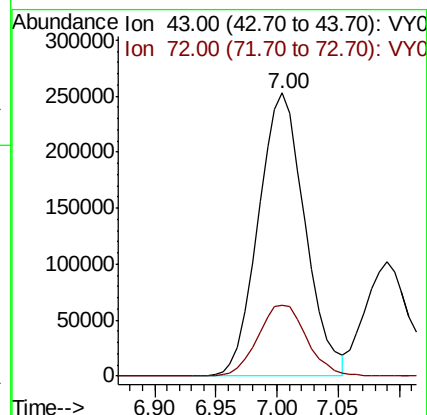
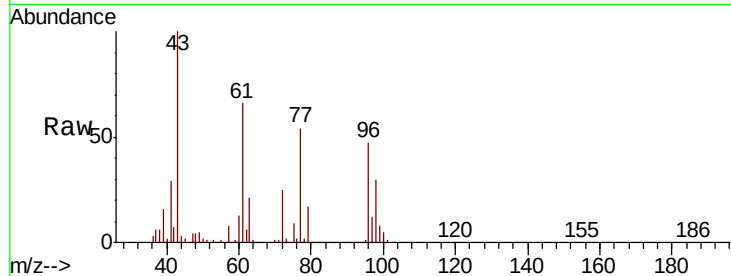
ClientSampled :

Tot Ion: 43 Resp: 669951

Ion Ratio Lower Upper

43 100

72 25.1 21.4 32.2



#26

2,2-Dichloropropane

Concen: 94.735 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000269.D

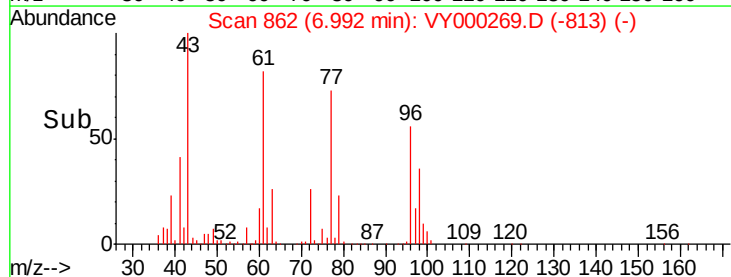
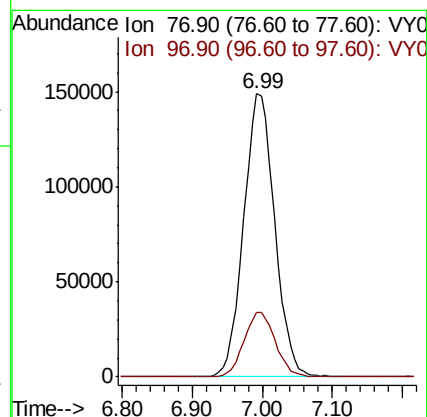
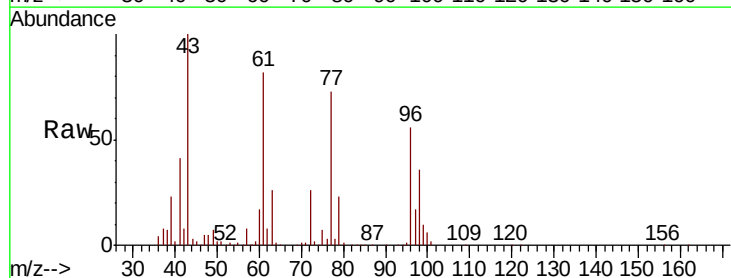
Acq: 11 Oct 2019 14:15

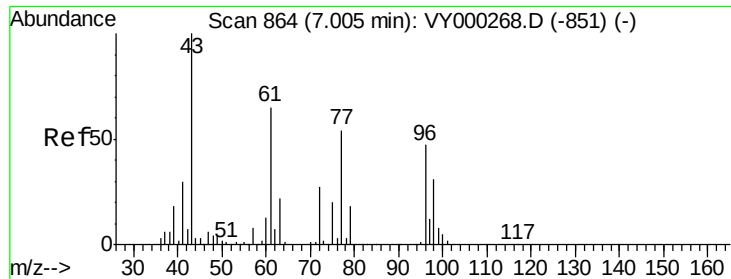
Tgt Ion: 77 Resp: 458845

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7



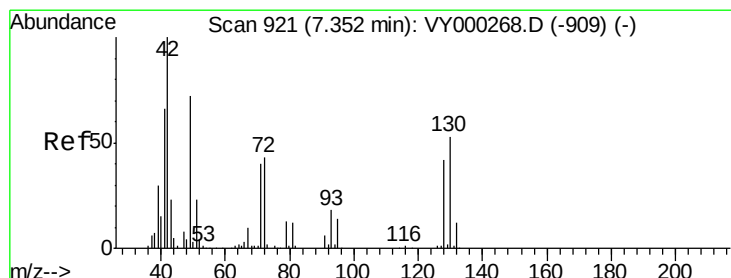
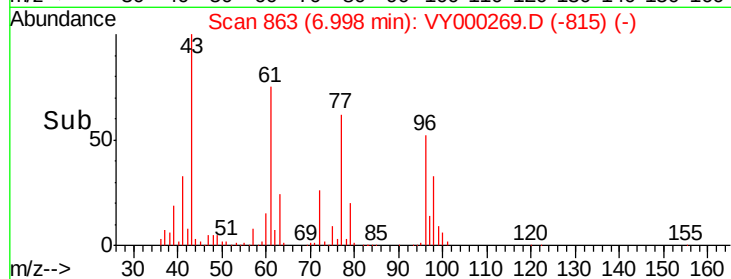
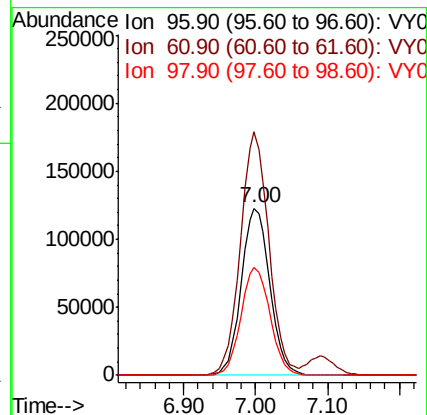
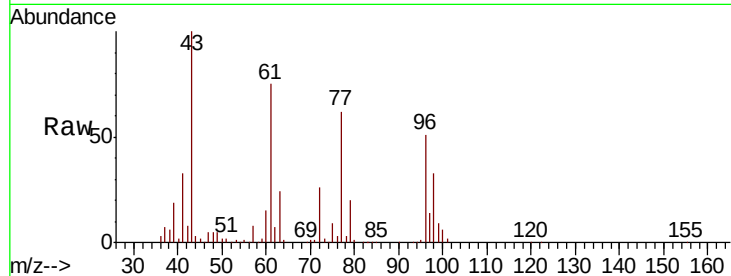


#27

cis-1,2-Dichloroethene
Concen: 99.173 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Instrument :
MSVOA_Y
ClientSampled :

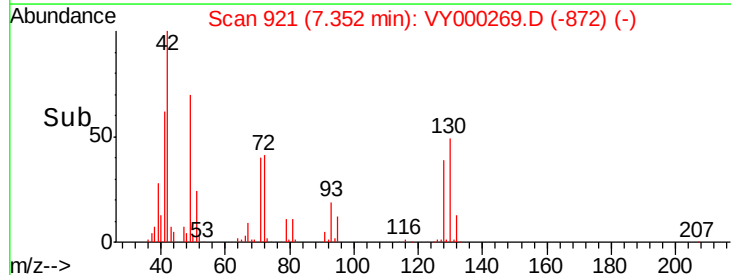
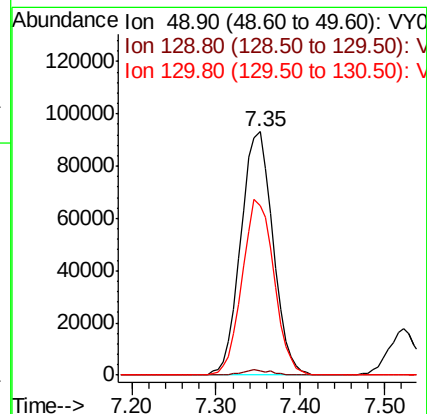
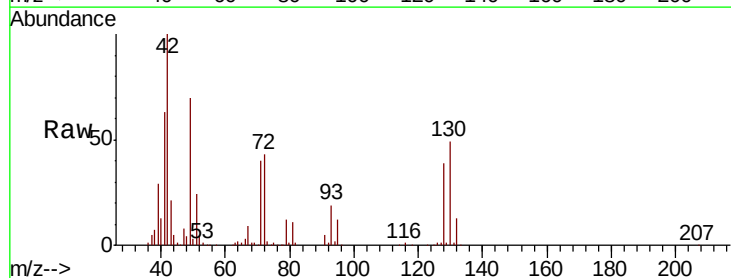
Tot Ion: 96 Resp: 338269
Ion Ratio Lower Upper
96 100
61 144.9 0.0 289.8
98 65.7 0.0 131.8

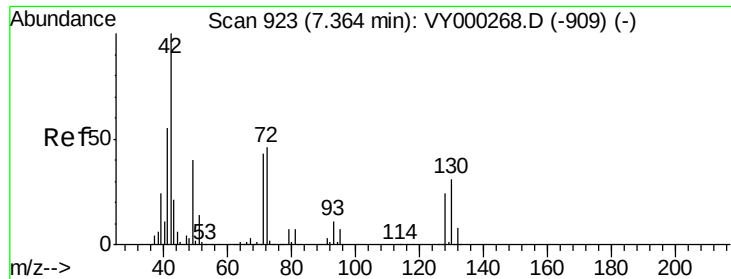


#28

Bromochloromethane
Concen: 106.463 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion: 49 Resp: 240230
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 71.6 58.2 87.2

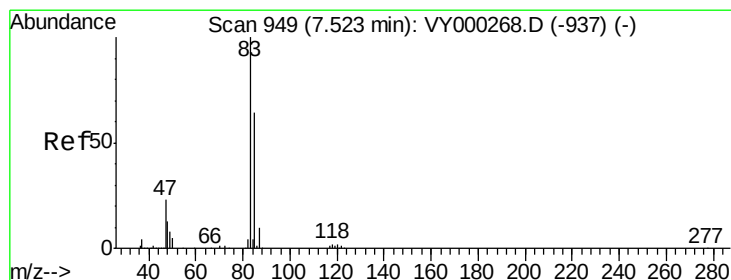
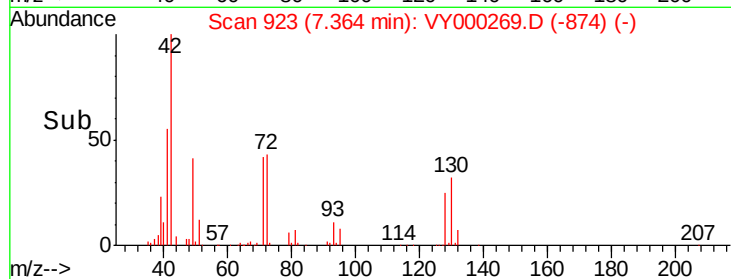
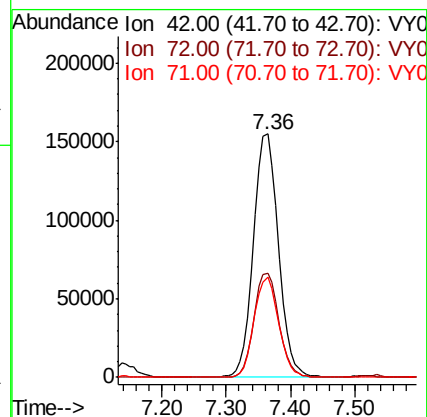
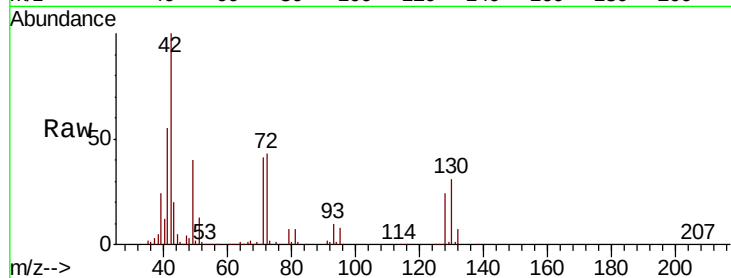




#29
Tetrahydrofuran
Concen: 518.796 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

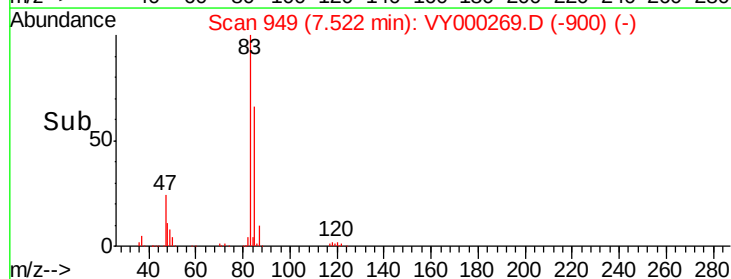
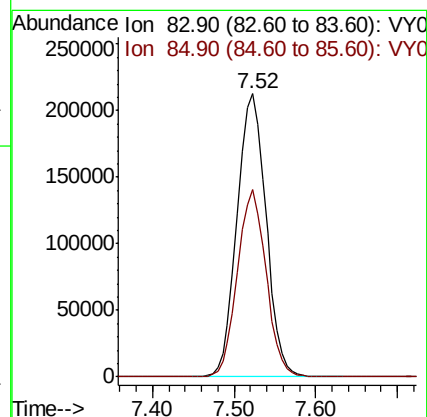
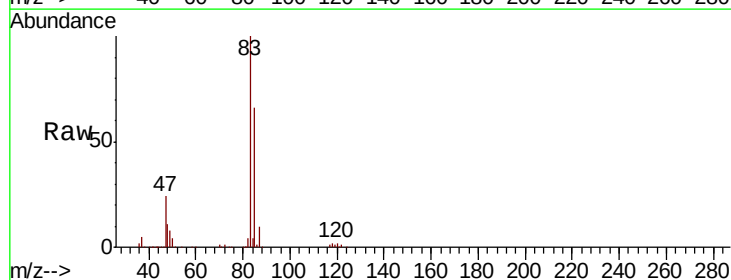
Instrument :
MSVOA_Y
ClientSampled :

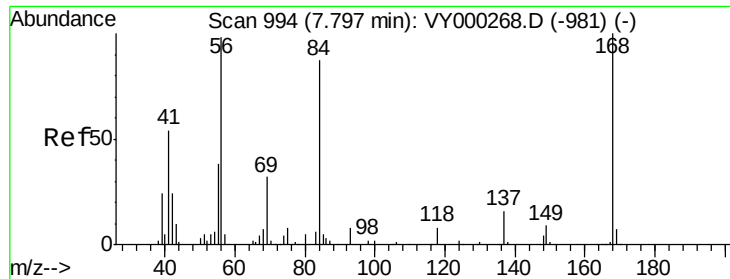
Tot Ion: 42 Resp: 411579
Ion Ratio Lower Upper
42 100
72 42.7 34.5 51.7
71 40.3 32.7 49.1



#30
Chloroform
Concen: 98.818 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion: 83 Resp: 523091
Ion Ratio Lower Upper
83 100
85 66.1 51.4 77.2

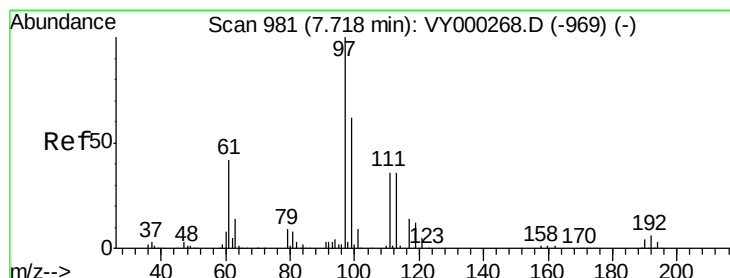
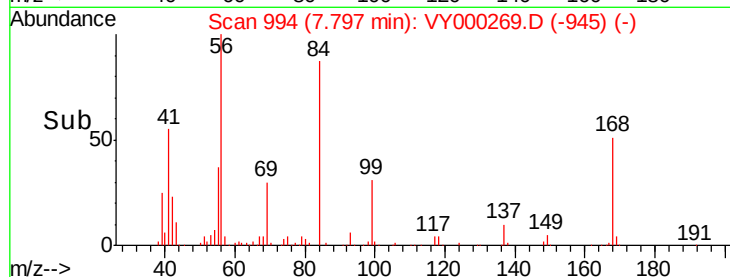
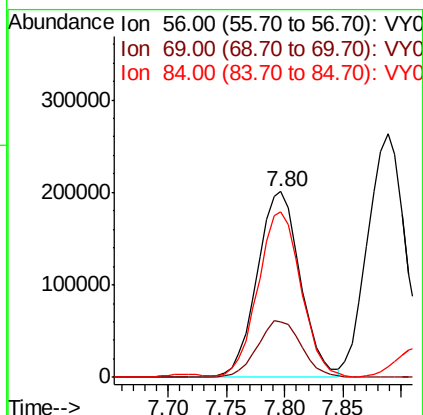
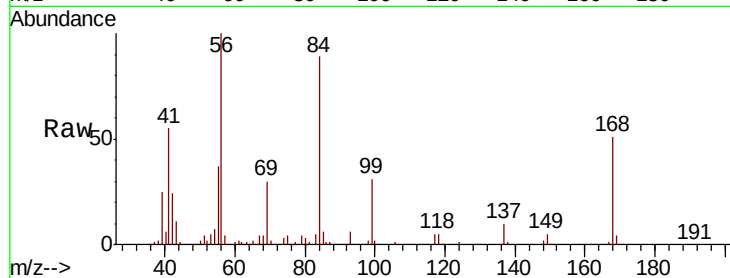




#31
Cyclohexane
Concen: 93.669 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

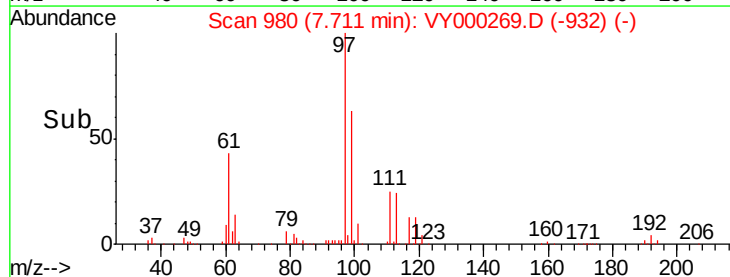
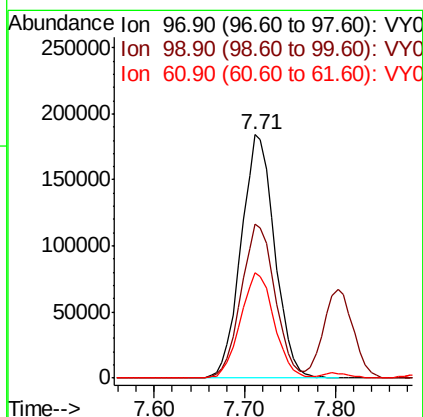
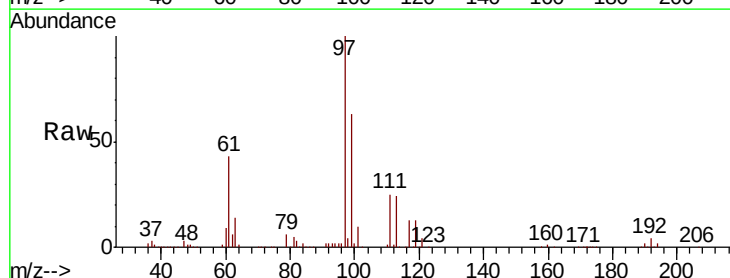
Instrument :
MSVOA_Y
ClientSampled :

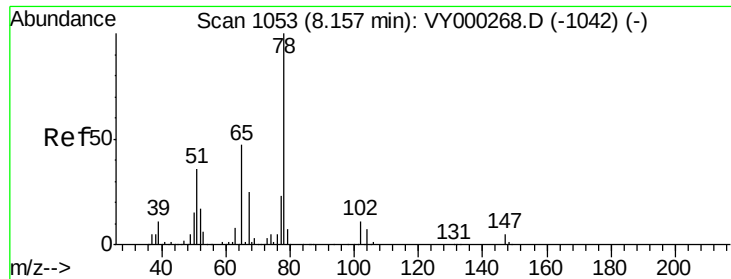
Tot Ion: 56 Resp: 514238
Ion Ratio Lower Upper
56 100
69 29.7 26.3 39.5
84 87.7 70.8 106.2



#32
1,1,1-Trichloroethane
Concen: 100.039 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion: 97 Resp: 470795
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 43.6 34.5 51.7

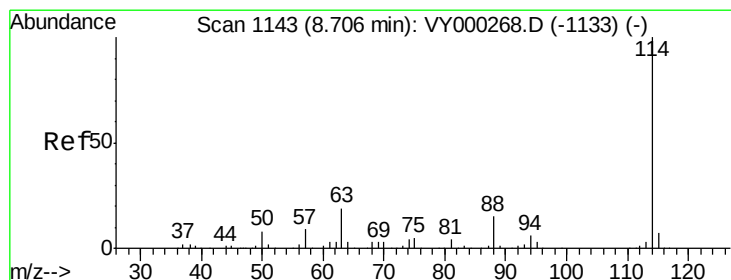
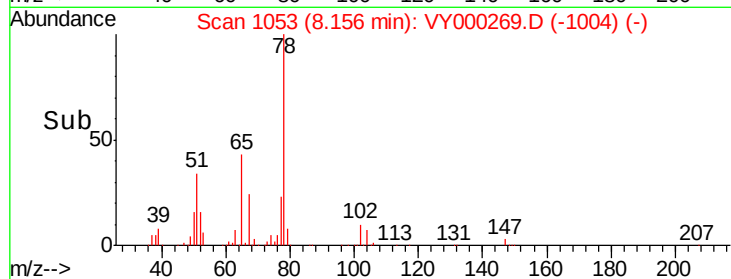
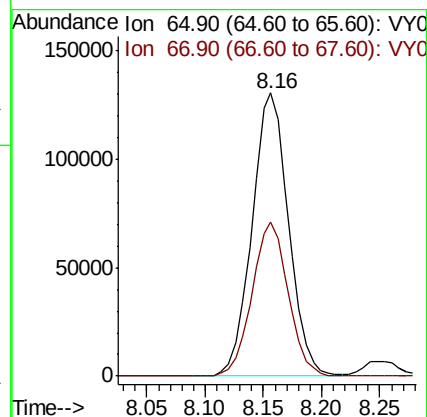
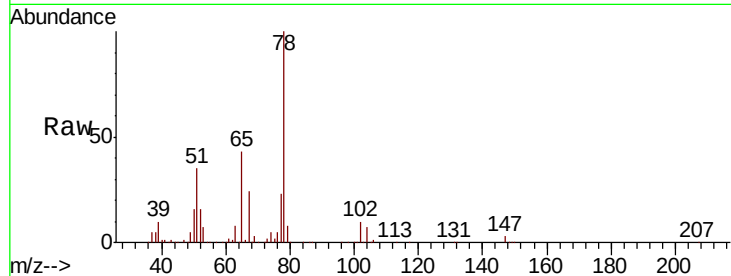




#33
 1,2-Dichloroethane-d4
 Concen: 99.502 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

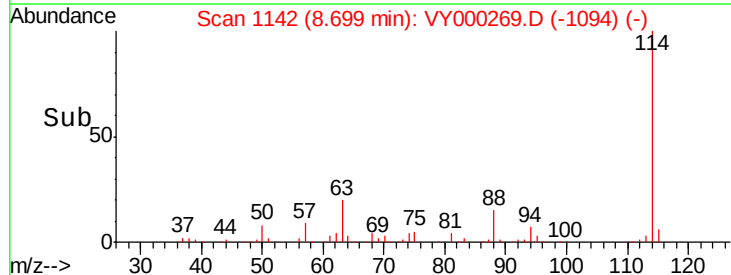
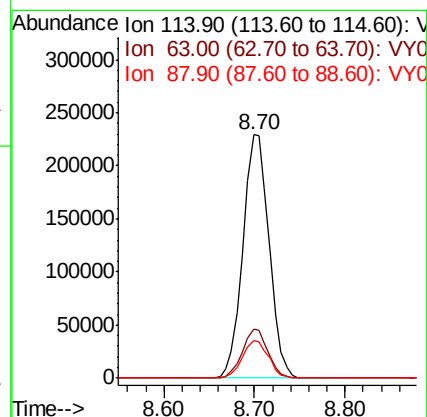
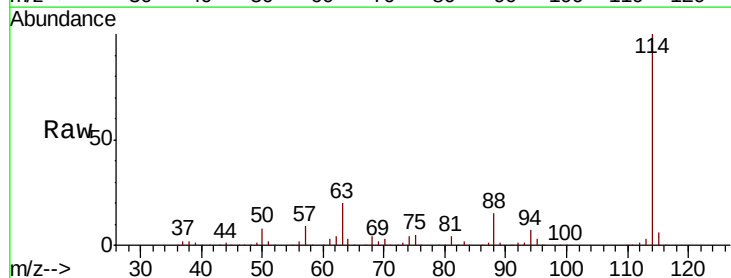
Instrument :
 MSVOA_Y
 ClientSampled :

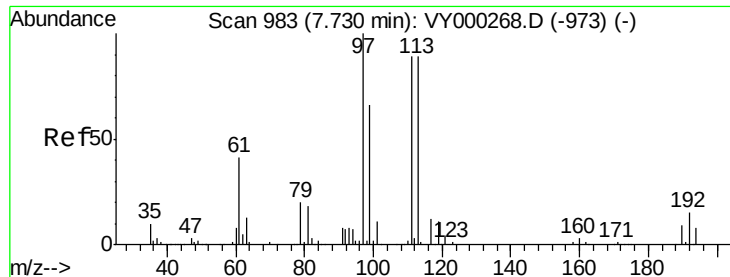
Tot Ion: 65 Resp: 285523
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

Tgt Ion: 114 Resp: 457002
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 37.2
 88 15.3 0.0 30.2

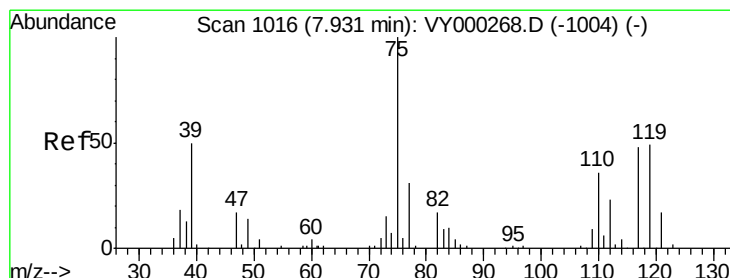
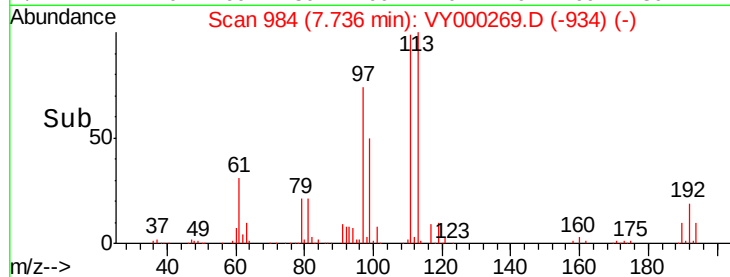
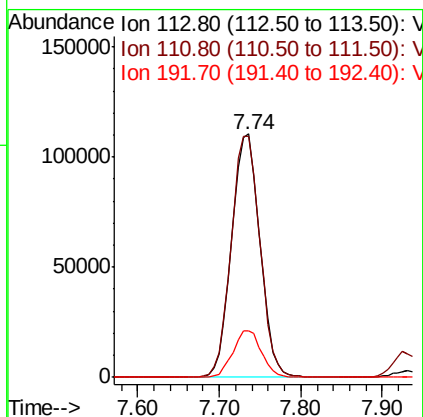
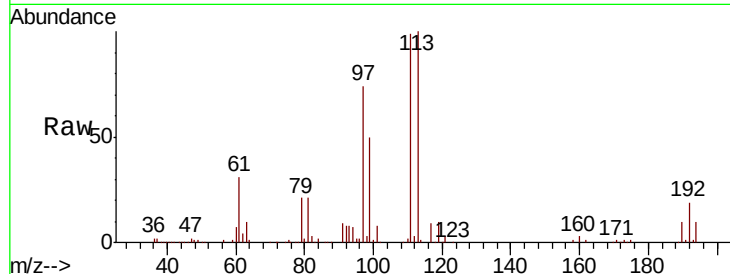




#35
 Dibromofluoromethane
 Concen: 95.908 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

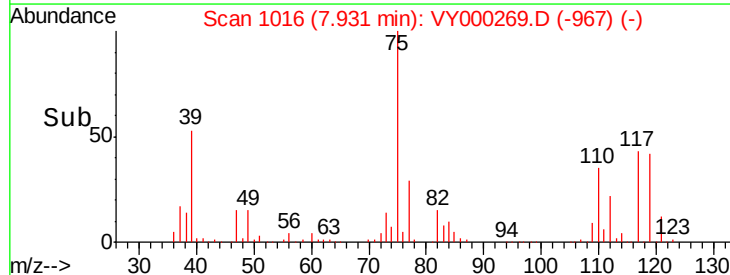
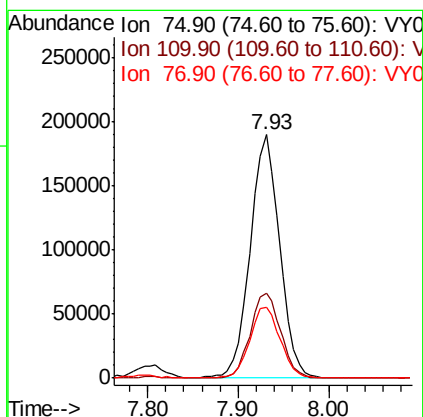
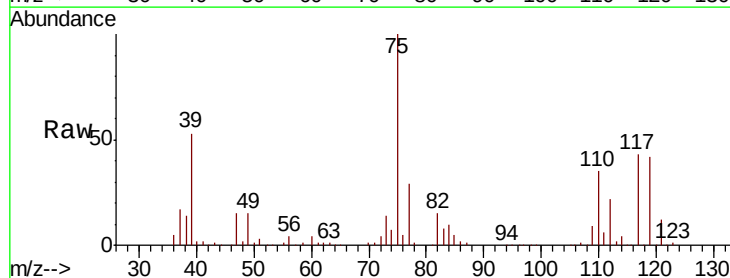
Instrument :
 MSVOA_Y
 ClientSampled :

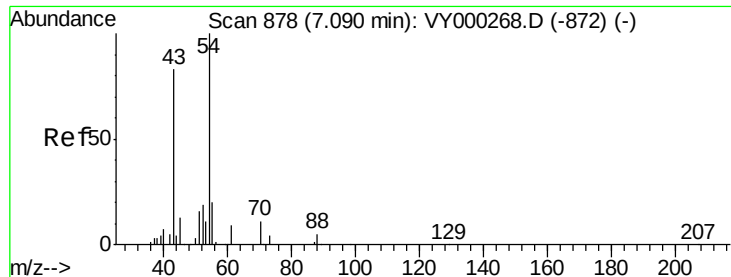
Tot Ion:113 Resp: 264388
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.6 122.4
 192 19.3 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 95.163 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

Tgt Ion: 75 Resp: 425794
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.4 55.4
 77 30.3 25.0 37.6

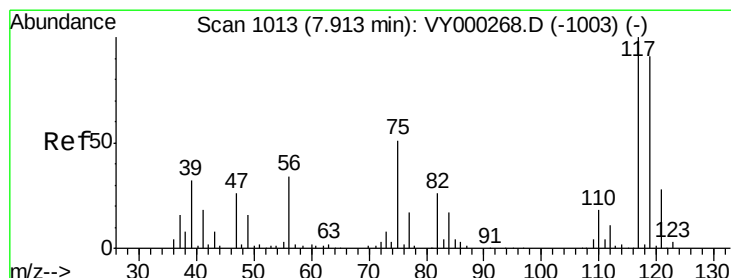
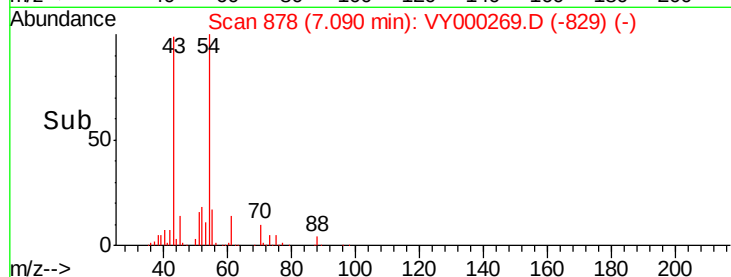
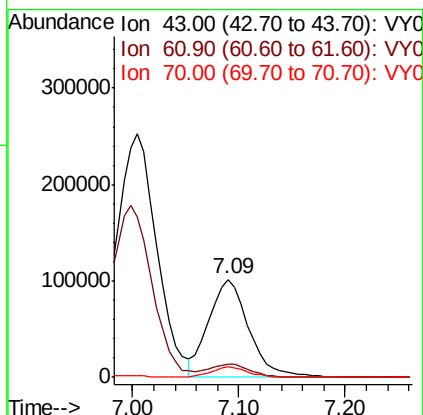
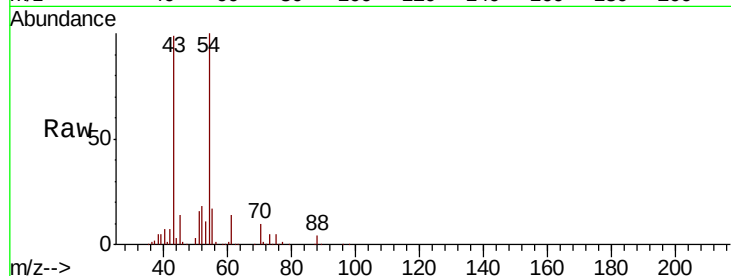




#37
Ethyl Acetate
Concen: 99.267 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

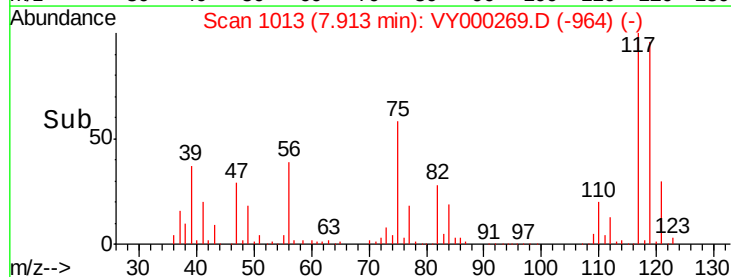
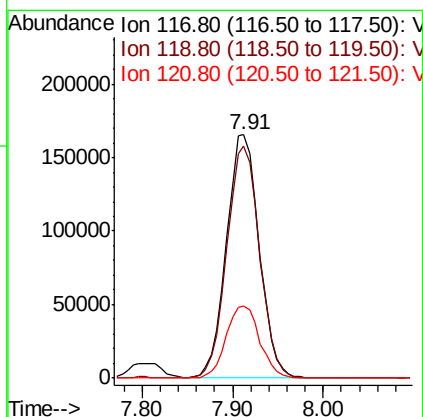
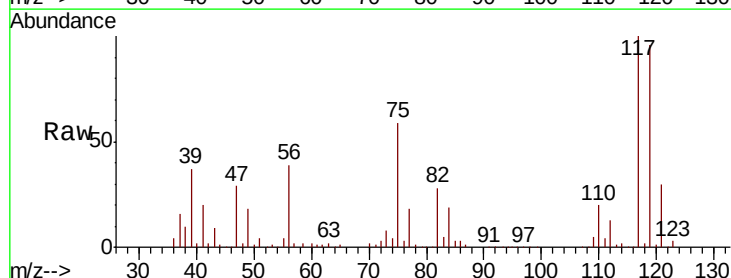
Instrument :
MSVOA_Y
ClientSampleId :

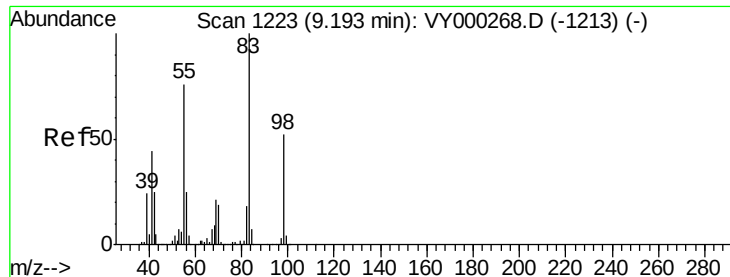
Tot Ion: 43 Resp: 262991
Ion Ratio Lower Upper
43 100
61 14.2 12.1 18.1
70 10.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 95.792 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion: 117 Resp: 414993
Ion Ratio Lower Upper
117 100
119 95.5 72.8 109.2
121 29.7 22.2 33.2

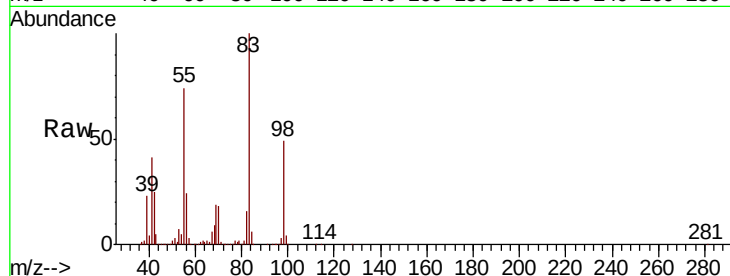




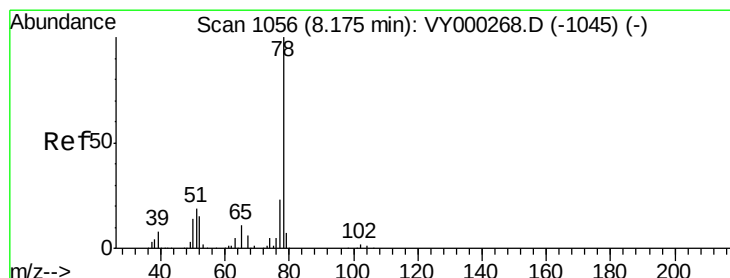
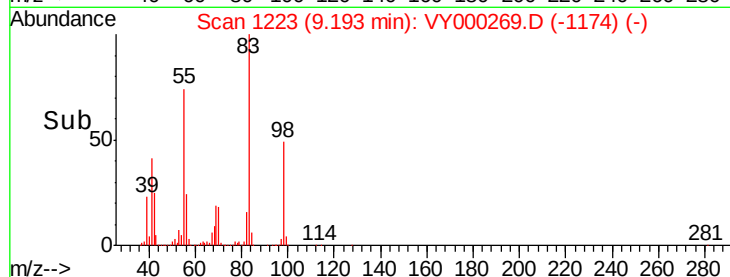
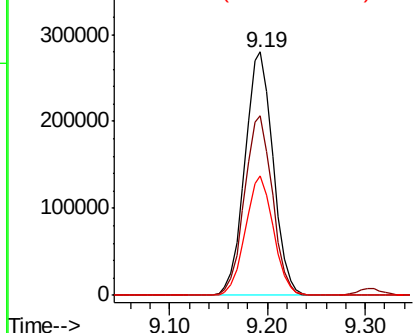
#39
Methylvlcyclohexane
Concen: 95.266 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 557880
Ion Ratio Lower Upper
83 100
55 73.9 60.9 91.3
98 48.9 41.8 62.6

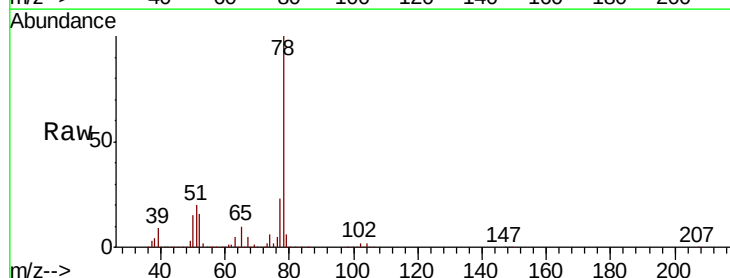


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

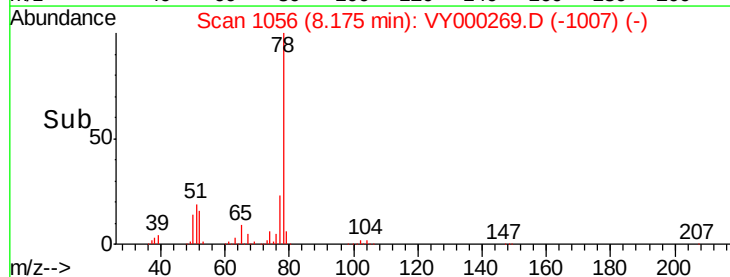
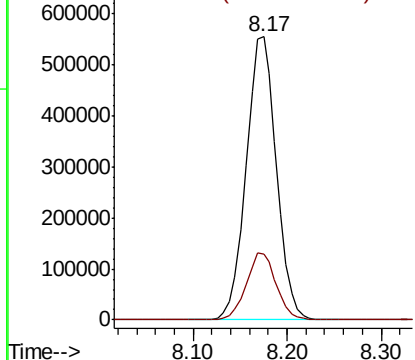


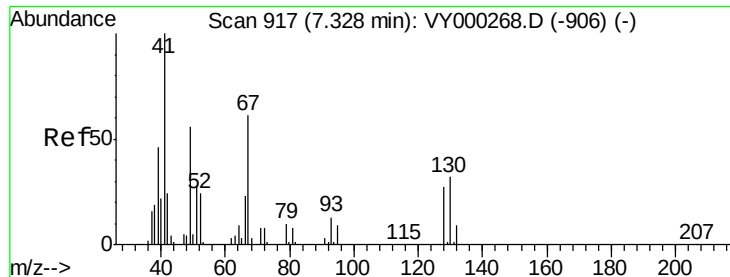
#40
Benzene
Concen: 96.348 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion: 78 Resp: 1245810
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2



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

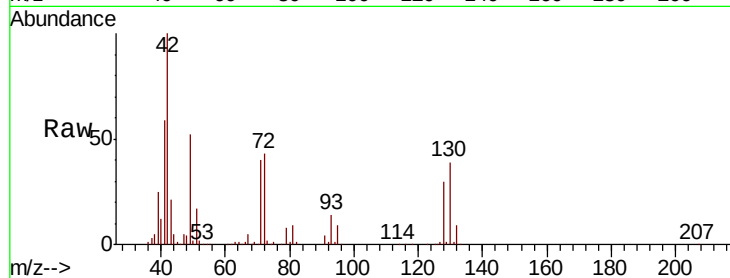




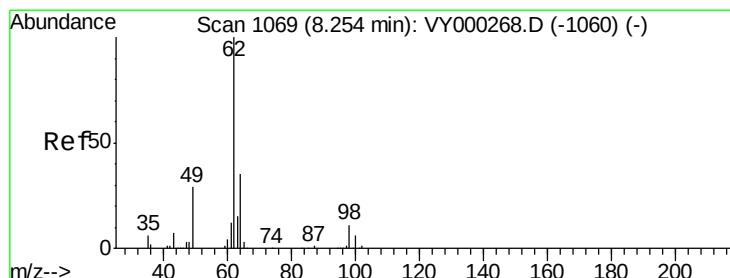
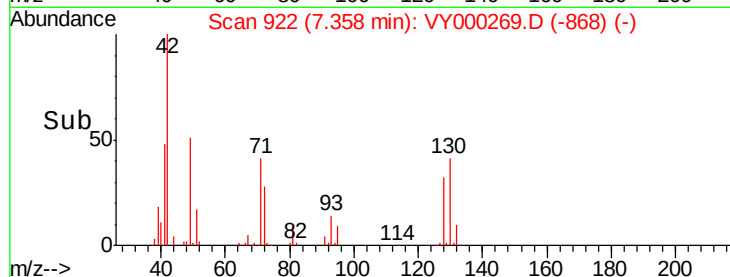
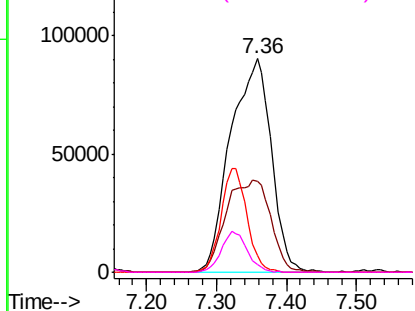
#41
Methacrylonitrile
Concen: 313.317 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 364598
Ion Ratio Lower Upper
41 100
39 47.1 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

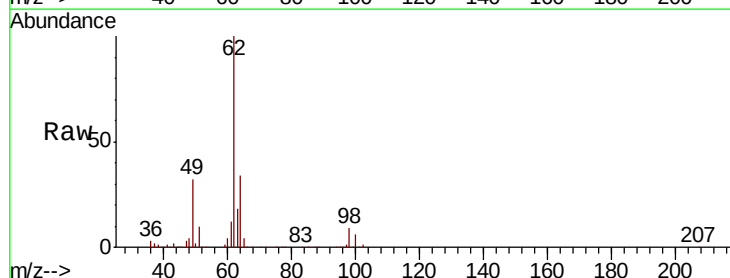


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

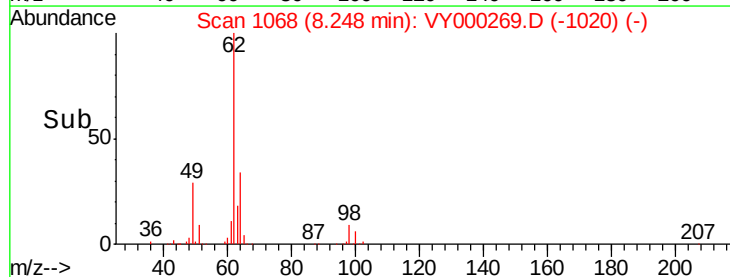
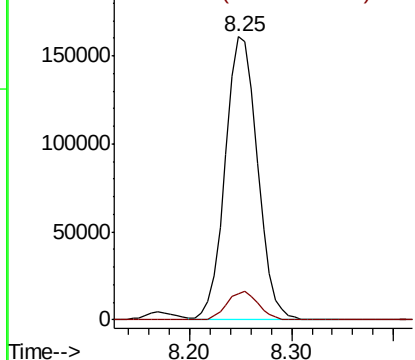


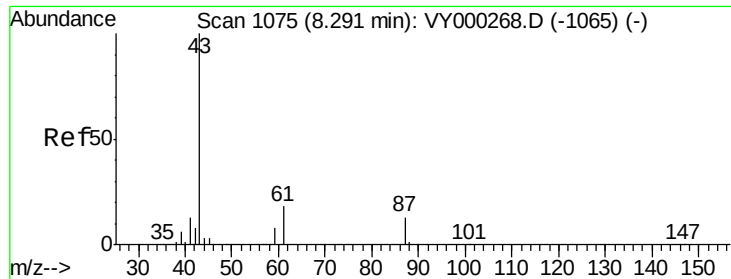
#42
1,2-Dichloroethane
Concen: 95.687 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion: 62 Resp: 353424
Ion Ratio Lower Upper
62 100
98 9.8 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: 99.352 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

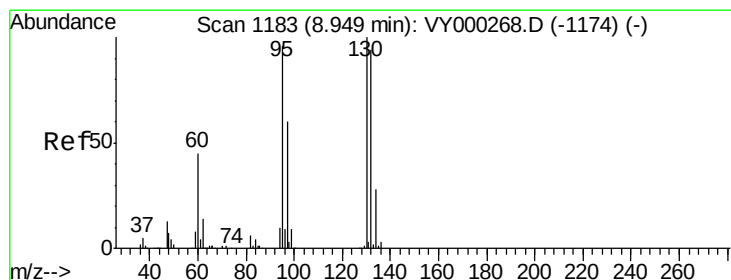
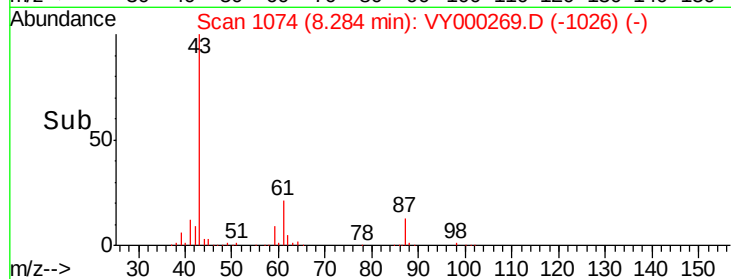
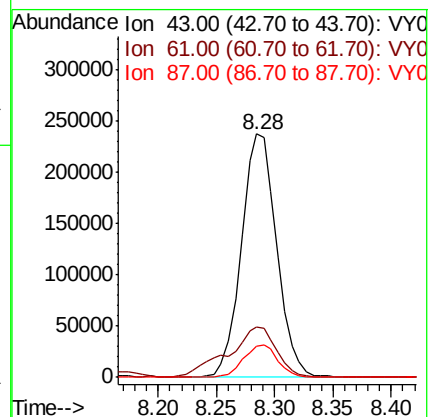
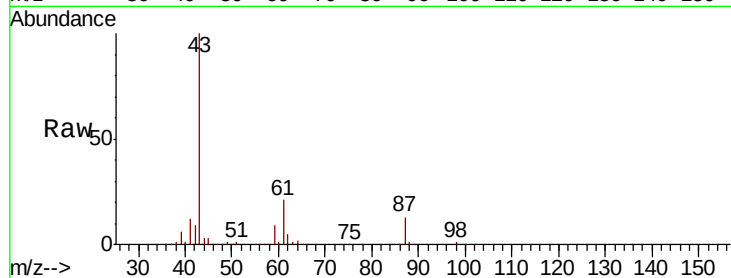
Tot Ion: 43 Resp: 500485

Ion Ratio Lower Upper

43 100

61 28.5 22.3 33.5

87 13.3 10.9 16.3



#44

Trichloroethene

Concen: 91.852 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000269.D

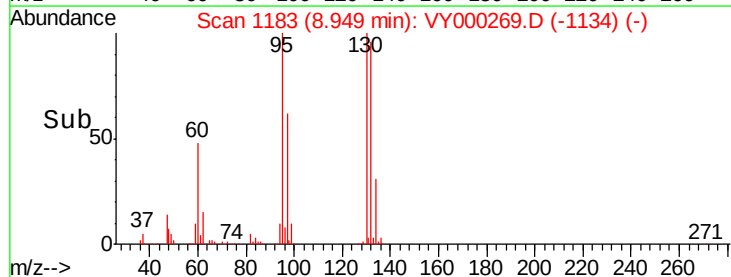
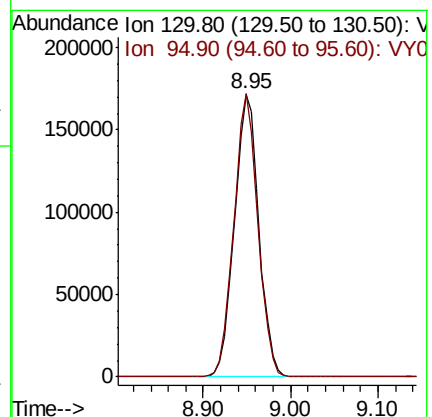
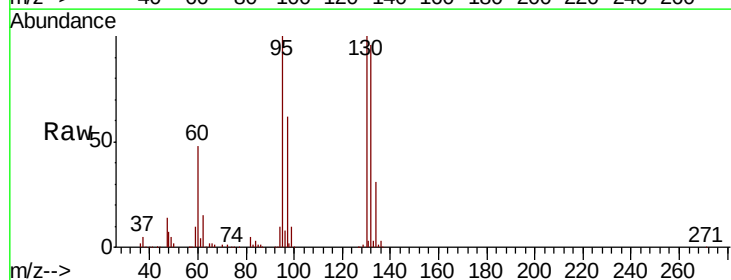
Acq: 11 Oct 2019 14:15

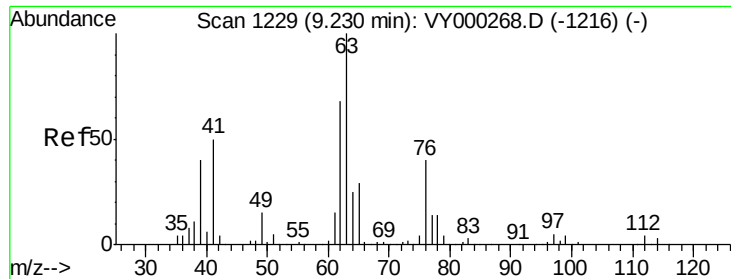
Tgt Ion:130 Resp: 333246

Ion Ratio Lower Upper

130 100

95 100.1 0.0 191.4

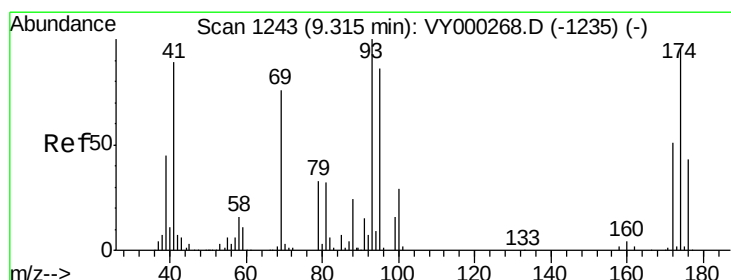
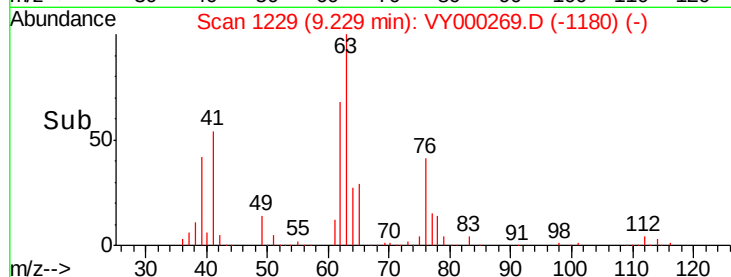
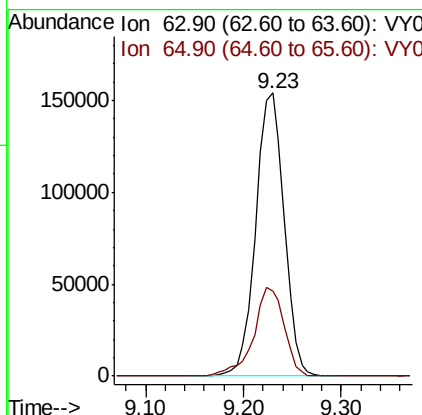
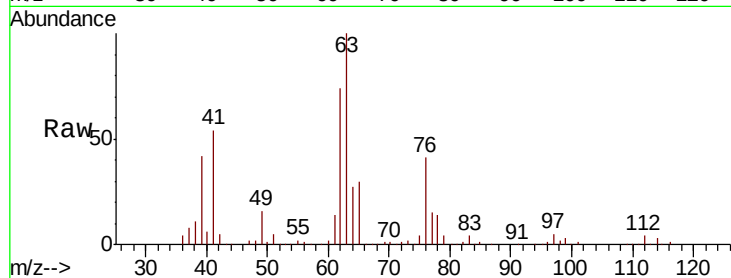




#45
 1,2-Dichloropropane
 Concen: 97.819 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

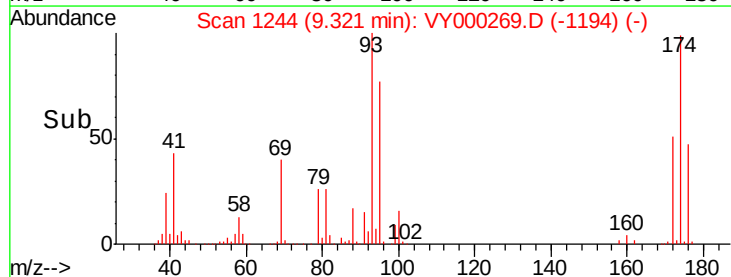
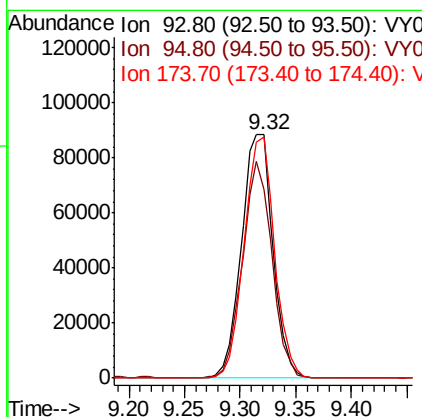
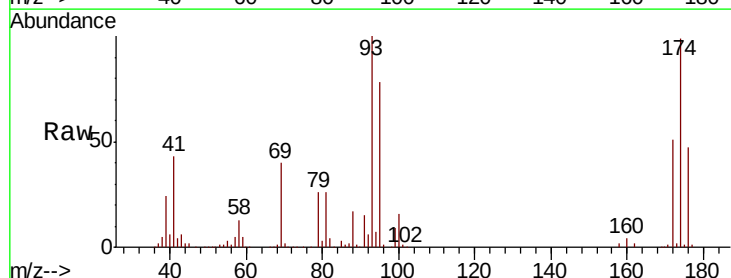
Instrument :
 MSVOA_Y
 ClientSampleId :

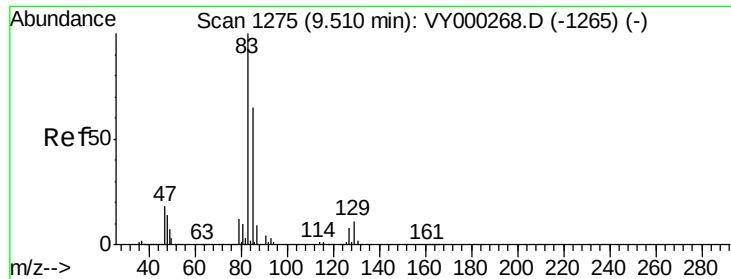
Tot Ion: 63 Resp: 310396
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.2 34.8



#46
 Dibromomethane
 Concen: 97.882 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

Tgt Ion: 93 Resp: 173628
 Ion Ratio Lower Upper
 93 100
 95 83.5 68.2 102.2
 174 95.8 79.8 119.6





#47

Bromodichloromethane

Concen: 98.554 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

ClientSampled :

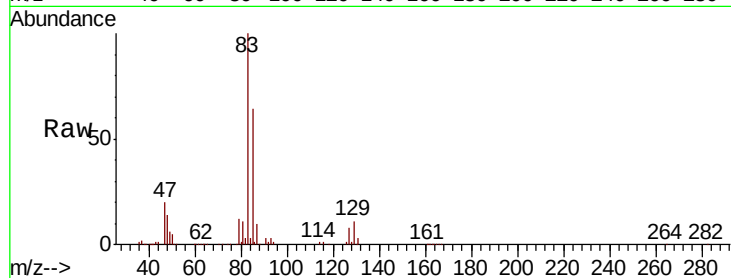
Tot Ion: 83 Resp: 412001

Ion Ratio Lower Upper

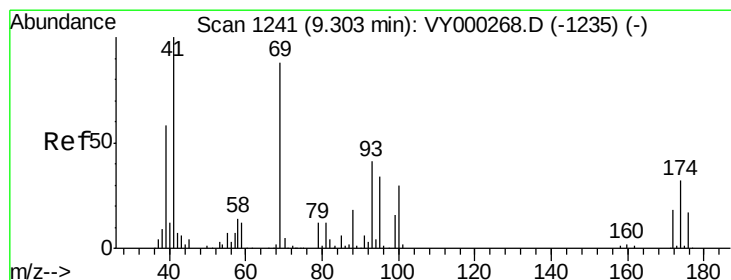
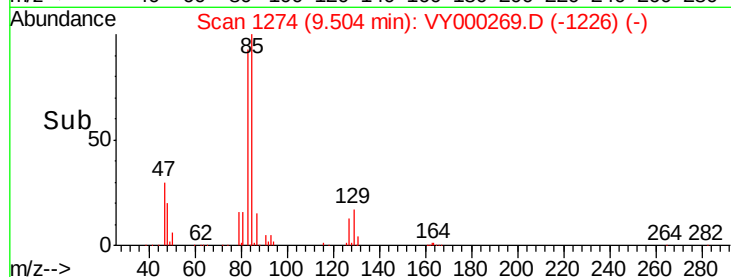
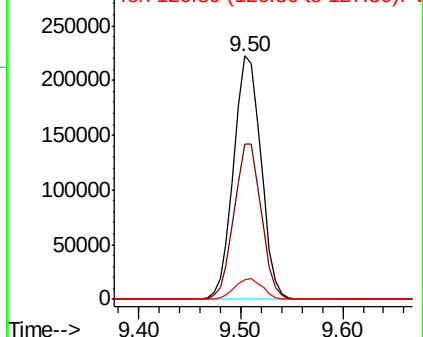
83 100

85 63.8 52.2 78.2

127 8.2 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: 102.671 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

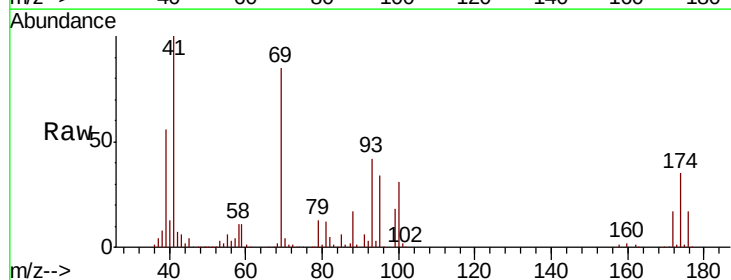
Tgt Ion: 41 Resp: 226667

Ion Ratio Lower Upper

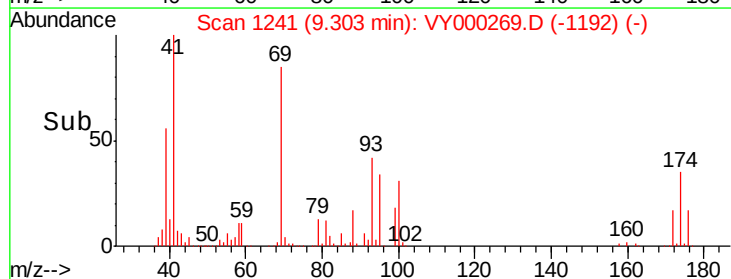
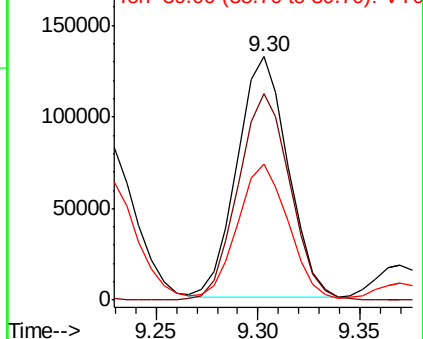
41 100

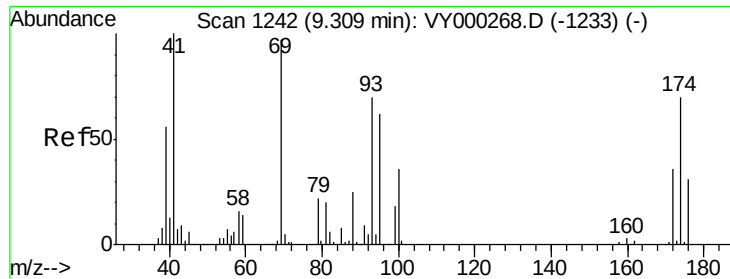
69 88.2 70.0 105.0

39 57.4 47.7 71.5



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





#49

1,4-Dioxane

Concen: 1972.277 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :
MSVOA_Y
ClientSampled :

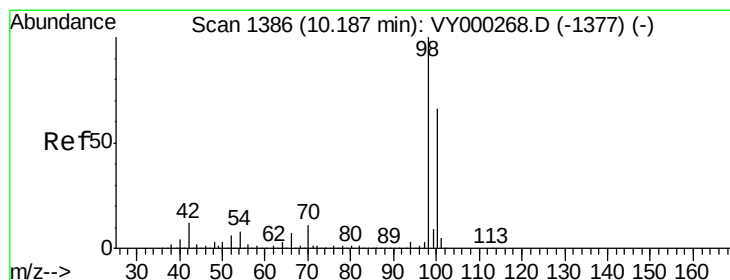
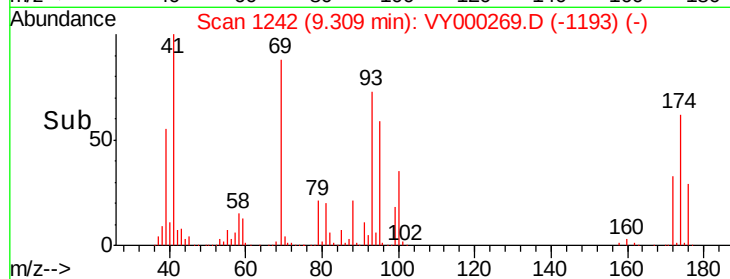
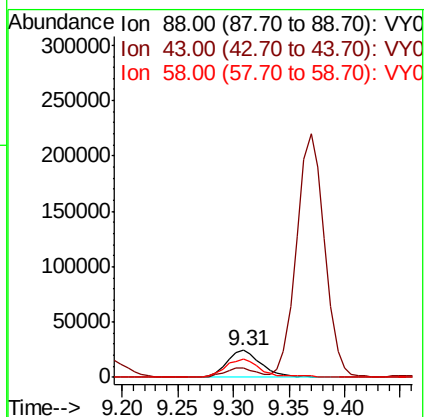
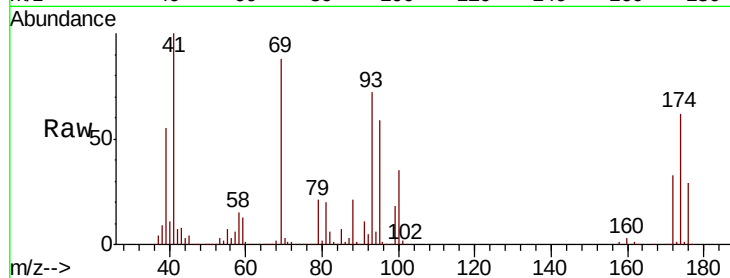
Tot Ion: 88 Resp: 52456

Ion Ratio Lower Upper

88 100

43 32.5 25.6 38.4

58 67.1 54.6 81.8



#50

Toluene-d8

Concen: 102.226 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000269.D

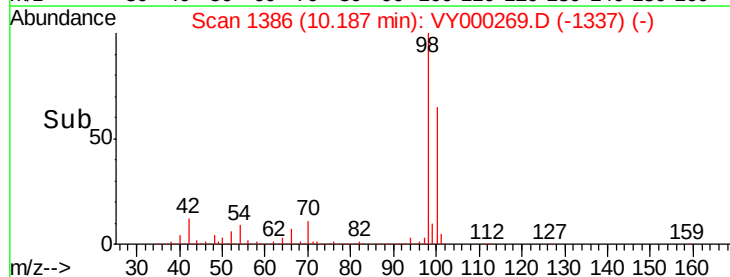
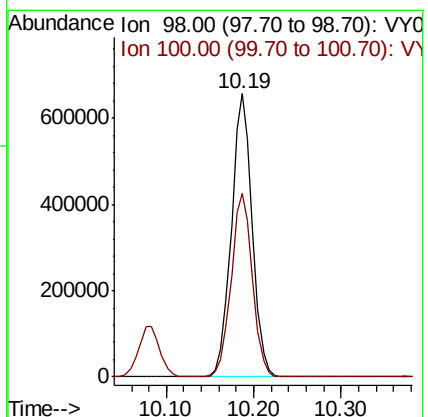
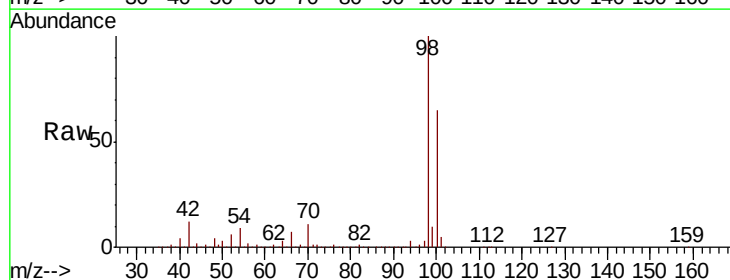
Acq: 11 Oct 2019 14:15

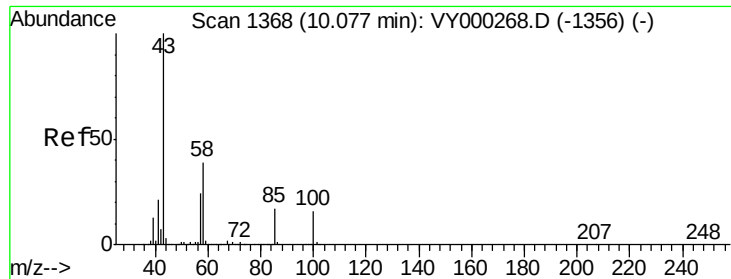
Tgt Ion: 98 Resp: 1084030

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2

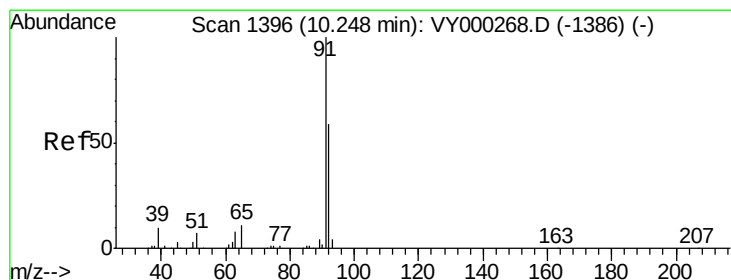
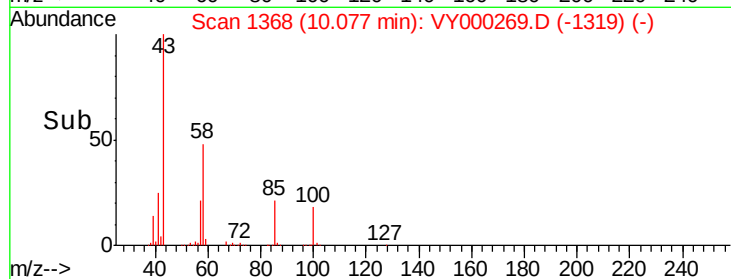
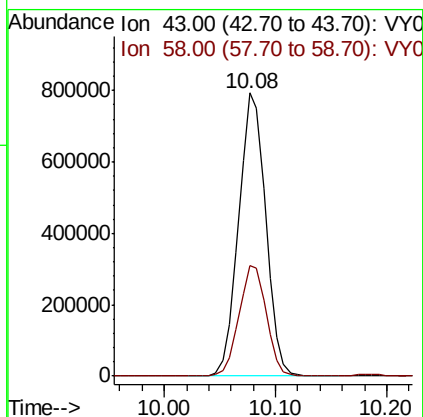
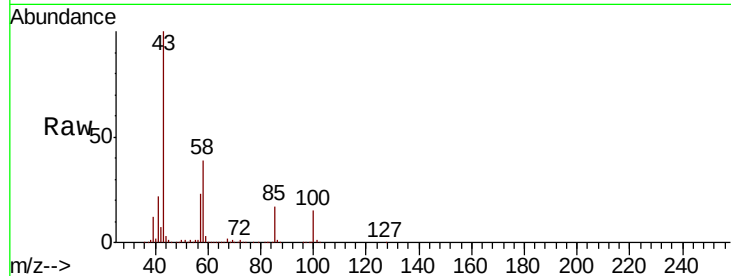




#51
 4-Methyl-2-Pentanone
 Concen: 514.035 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

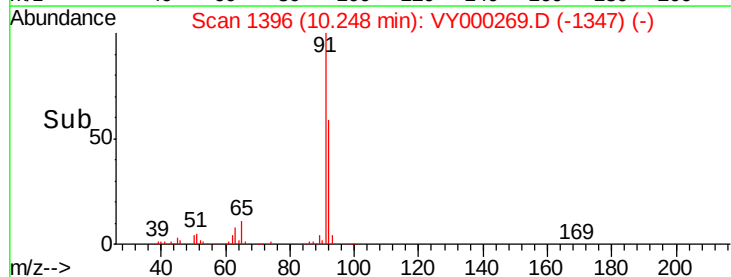
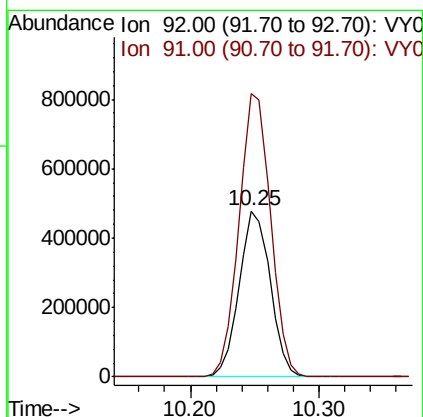
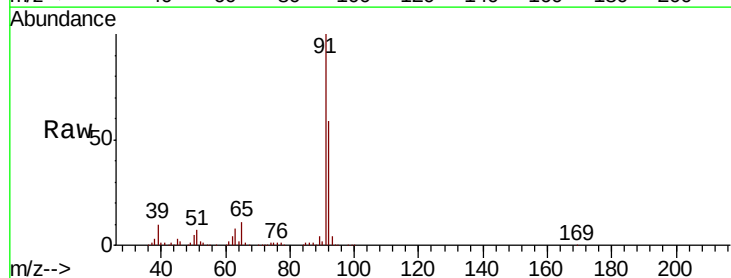
Instrument :
 MSVOA_Y
 ClientSampled :

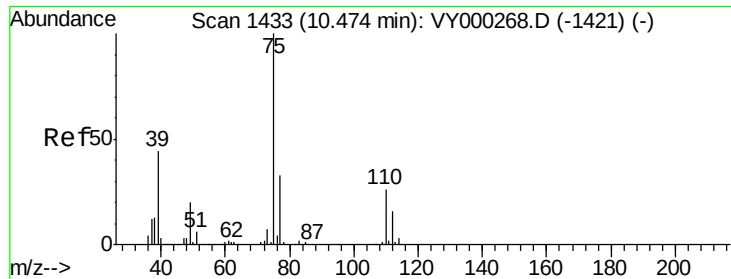
Tot Ion: 43 Resp: 1335574
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.0 46.6



#52
 Toluene
 Concen: 97.532 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

Tgt Ion: 92 Resp: 800681
 Ion Ratio Lower Upper
 92 100
 91 173.0 136.6 205.0

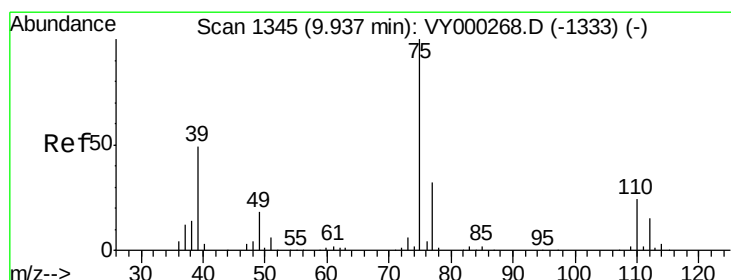
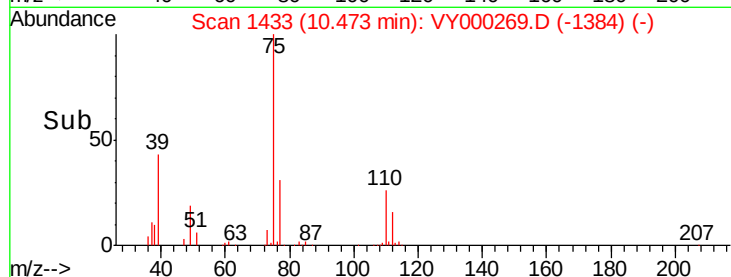
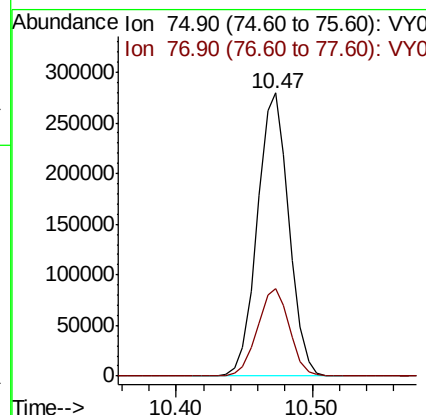
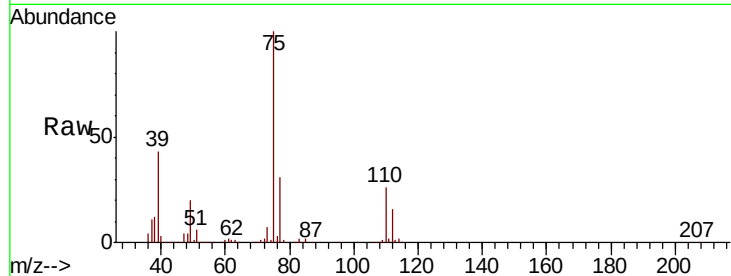




#53
 t-1,3-Dichloropropene
 Concen: 101.565 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

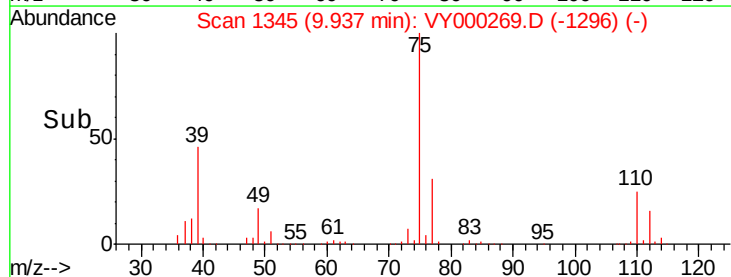
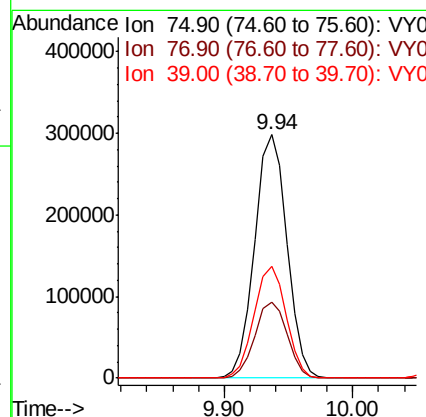
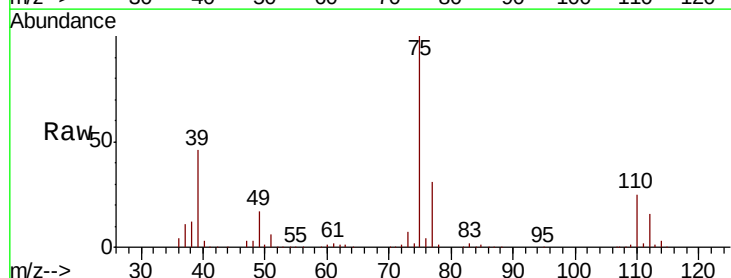
Instrument :
 MSVOA_Y
 ClientSampleId :

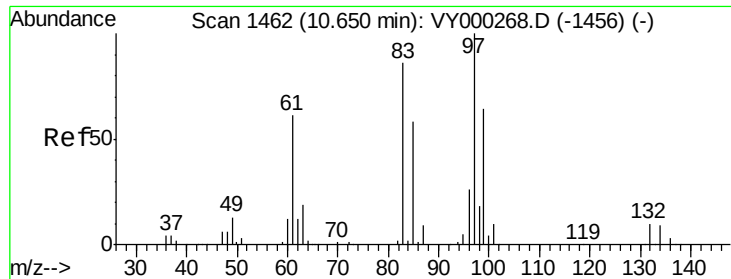
Tot Ion: 75 Resp: 455029
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 101.383 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

Tgt Ion: 75 Resp: 515826
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.0 39.0
 39 46.0 38.8 58.2

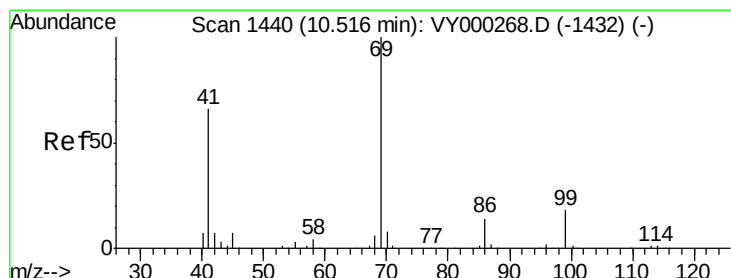
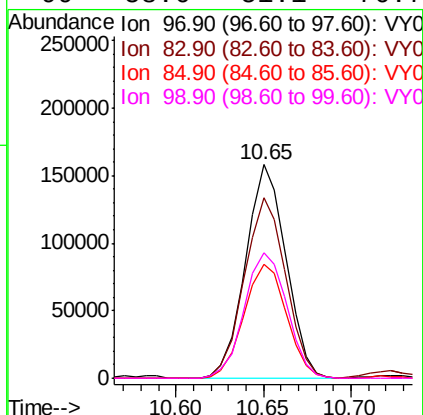
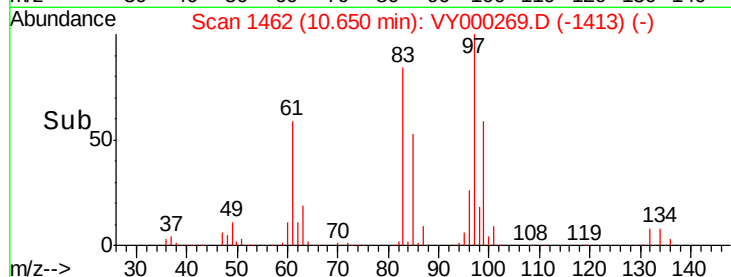
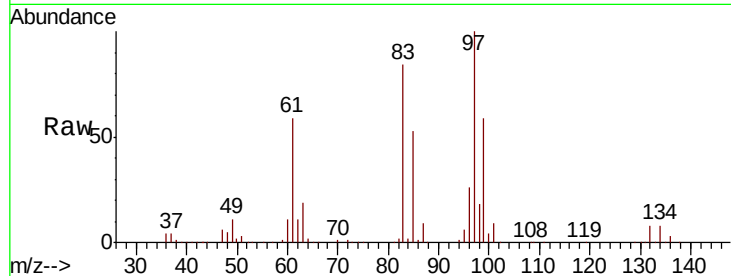




#55
 1,1,2-Trichloroethane
 Concen: 98.681 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

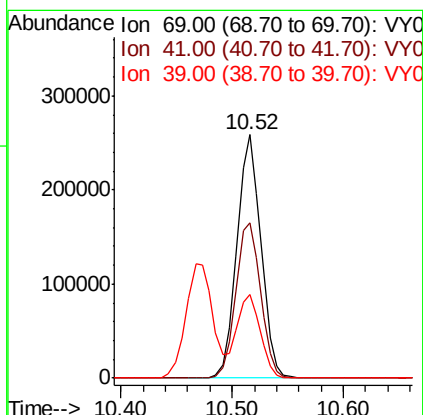
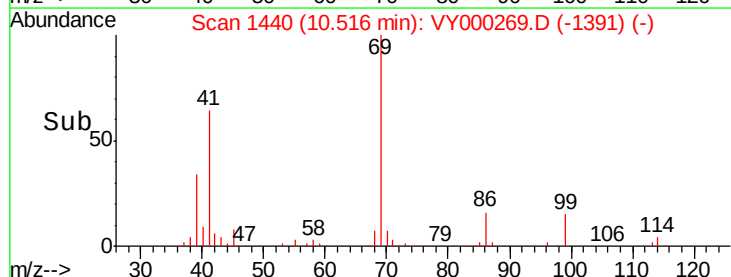
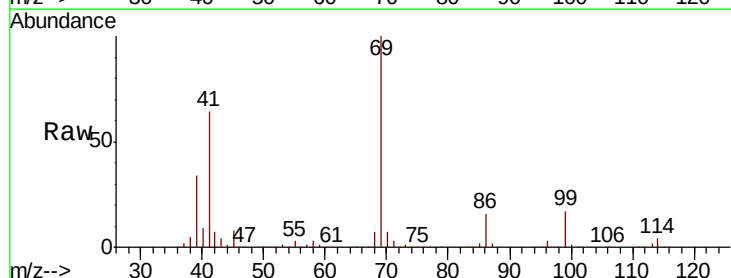
Instrument :
 MSVOA_Y
 ClientSampleId :

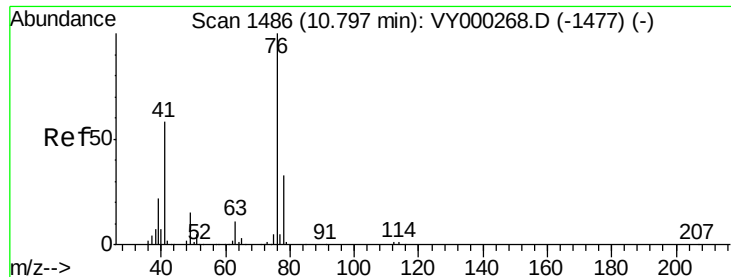
Tot Ion:	97	Resp:	254509
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.0	103.6
85	53.2	46.2	69.4
99	58.6	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 104.666 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

Tgt Ion:	69	Resp:	384768
Ion	Ratio	Lower	Upper
69	100		
41	65.7	52.5	78.7
39	34.5	26.7	40.1





#57

1,3-Dichloropropane

Concen: 99.293 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

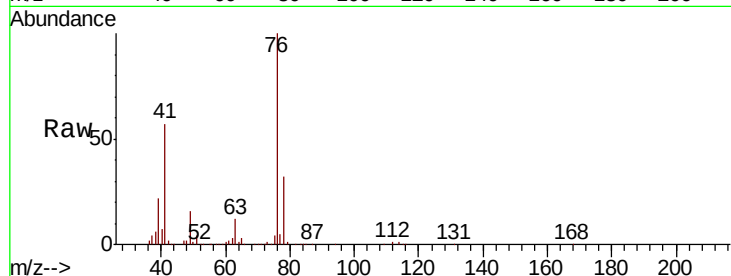
ClientSampleId :

Tot Ion: 76 Resp: 439802

Ion Ratio Lower Upper

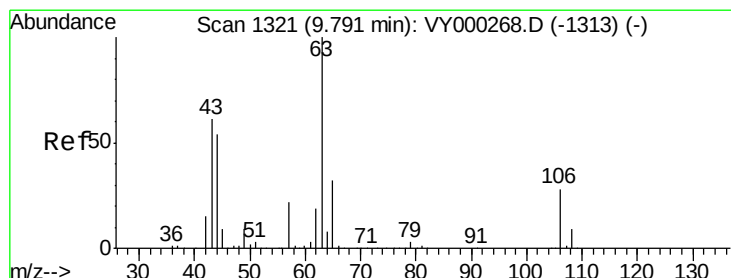
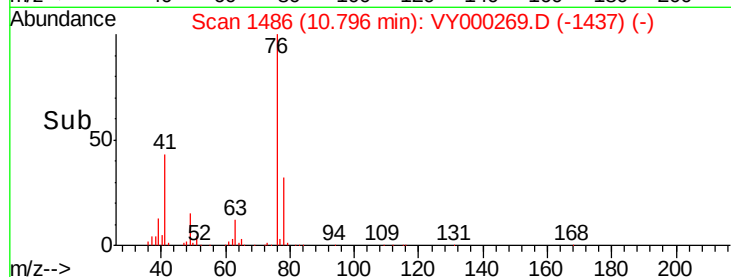
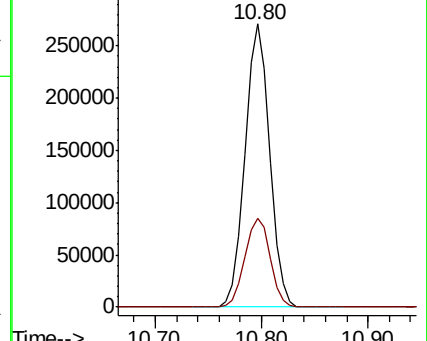
76 100

78 32.3 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: 539.982 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000269.D

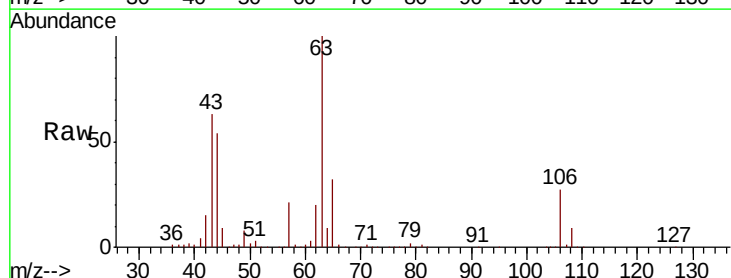
Acq: 11 Oct 2019 14:15

Tgt Ion: 63 Resp: 791779

Ion Ratio Lower Upper

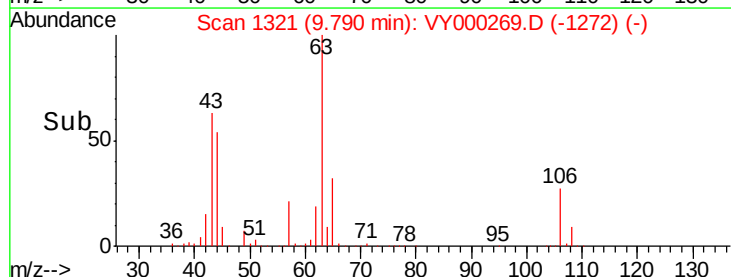
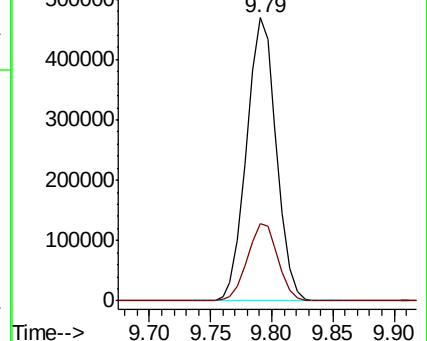
63 100

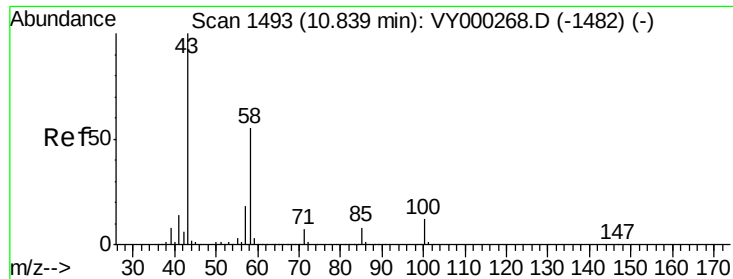
106 27.9 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

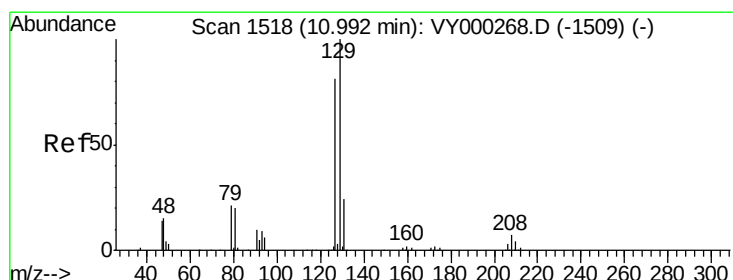
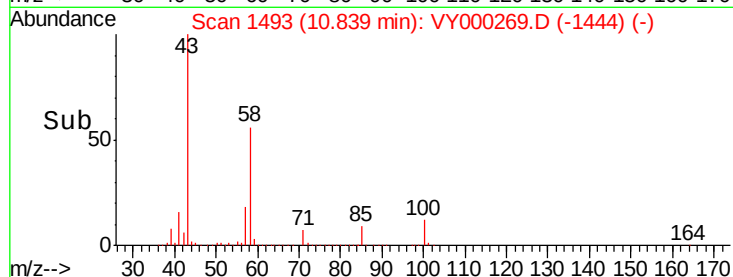
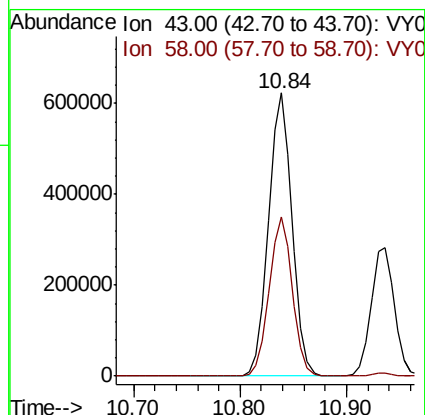
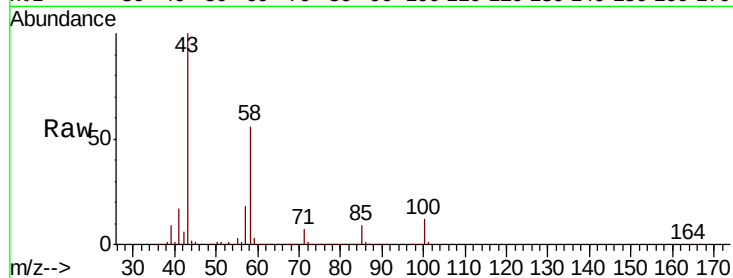




#59
2-Hexanone
Concen: 527.506 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

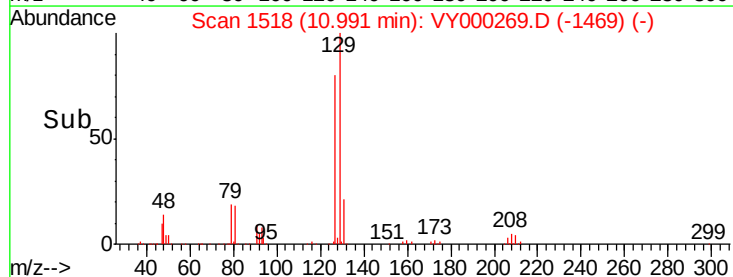
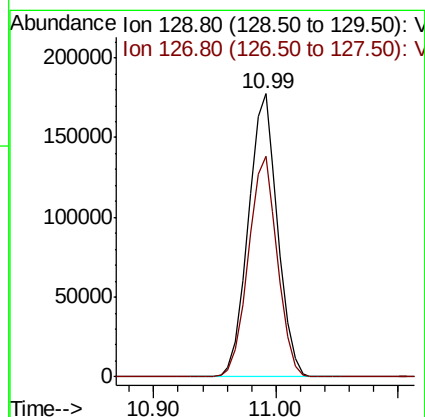
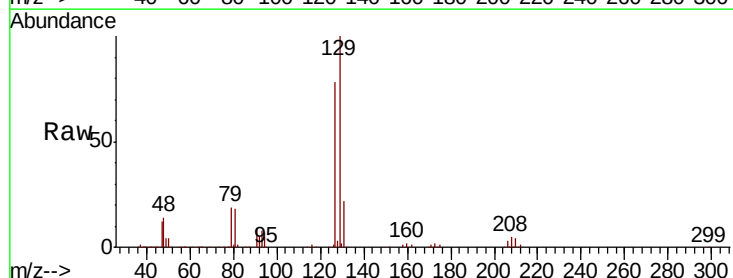
Instrument :
MSVOA_Y
ClientSampleId :

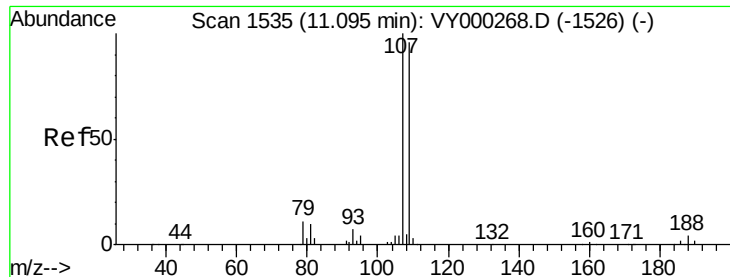
Tot Ion: 43 Resp: 962024
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.1



#60
Dibromochloromethane
Concen: 102.866 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion: 129 Resp: 294056
Ion Ratio Lower Upper
129 100
127 77.2 39.9 119.7

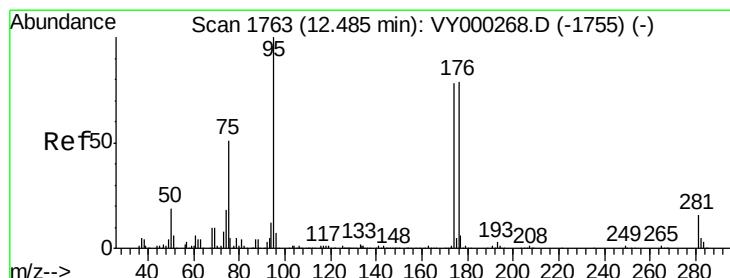
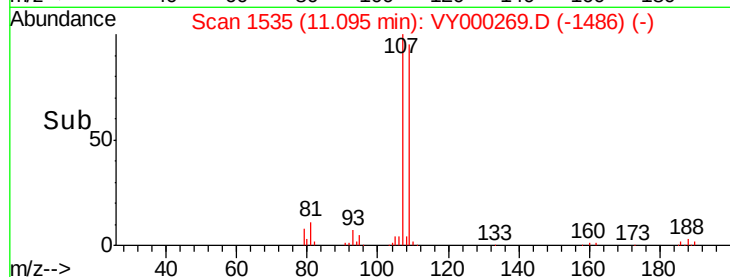
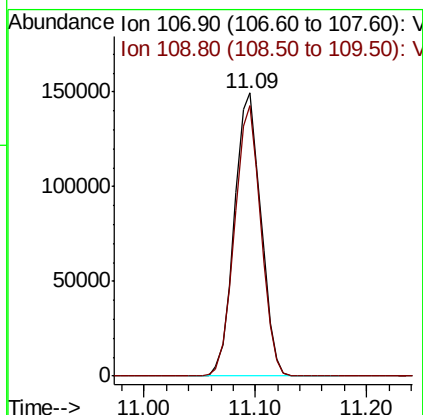
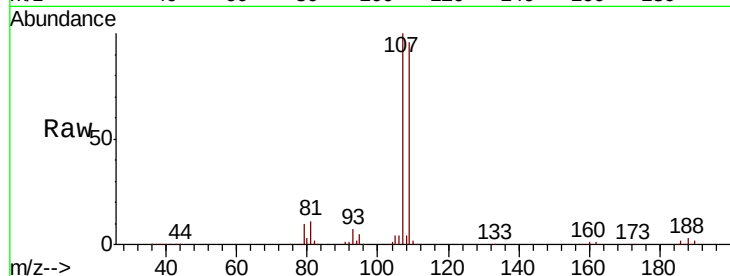




#61
 1,2-Dibromoethane
 Concen: 99.626 ug/l
 RT: 11.09 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

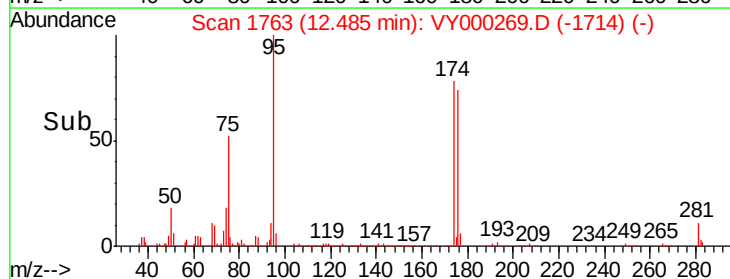
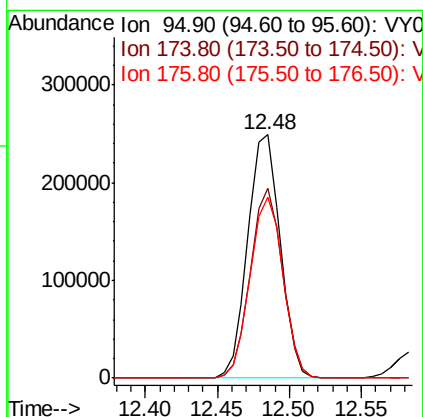
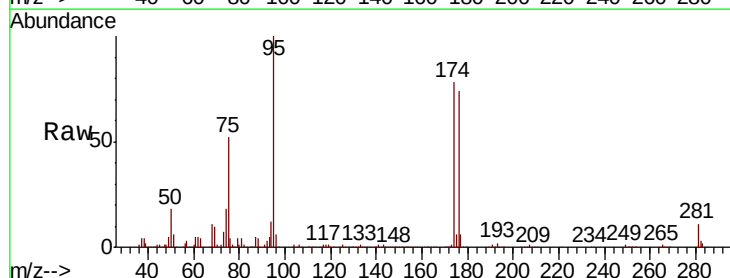
Instrument :
 MSVOA_Y
 ClientSampleId :

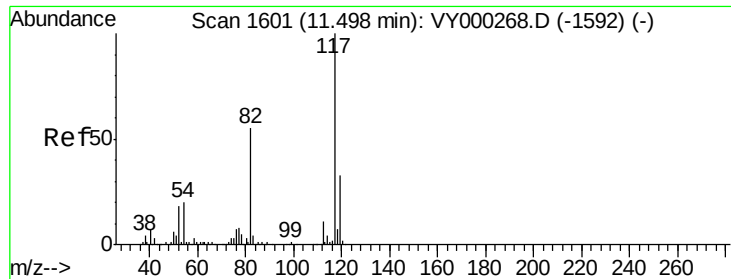
Tot Ion: 107 Resp: 246713
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 96.474 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

Tgt Ion: 95 Resp: 388660
 Ion Ratio Lower Upper
 95 100
 174 77.0 0.0 159.6
 176 75.2 0.0 153.8

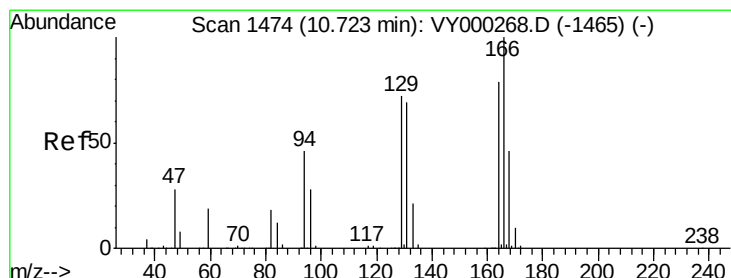
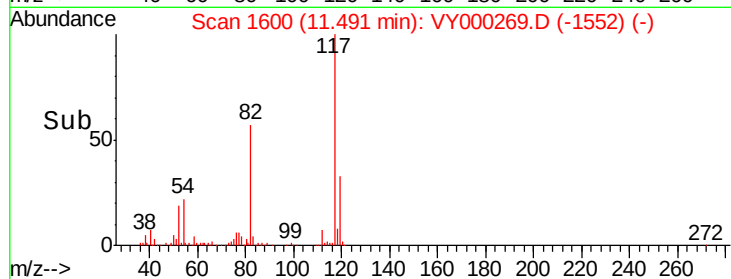
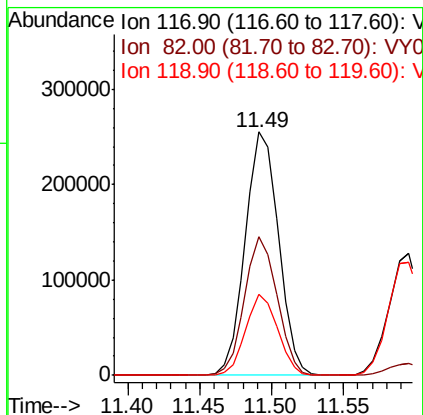
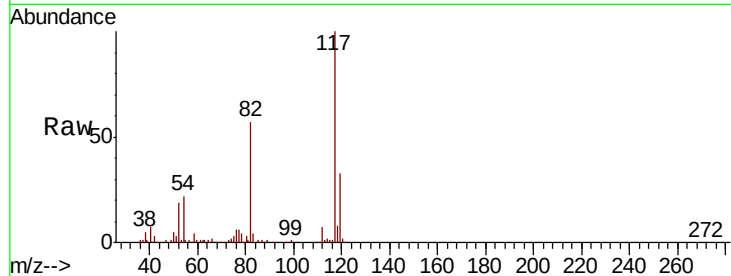




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

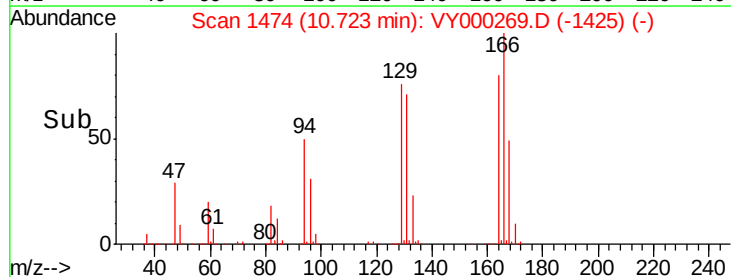
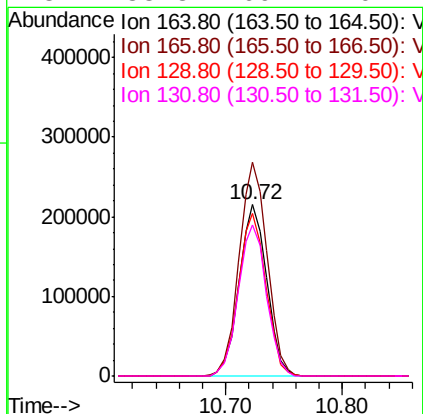
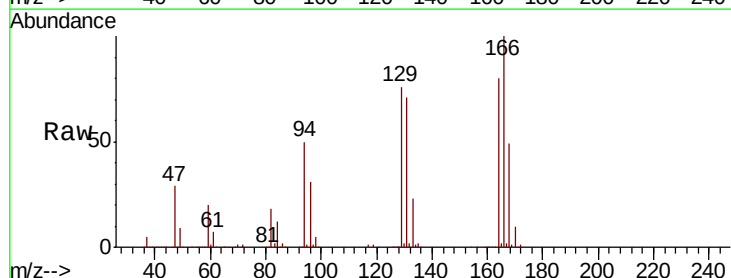
Instrument :
MSVOA_Y
ClientSampleId :

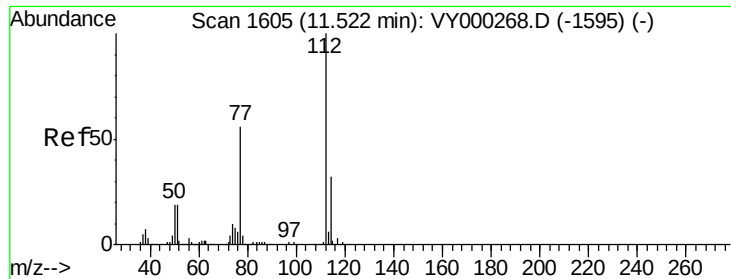
Tot Ion:117 Resp: 408704
Ion Ratio Lower Upper
117 100
82 57.1 43.7 65.5
119 33.3 26.6 39.8



#64
Tetrachloroethene
Concen: 91.398 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion:164 Resp: 355622
Ion Ratio Lower Upper
164 100
166 124.6 100.6 151.0
129 94.5 72.8 109.2
131 88.3 69.4 104.2

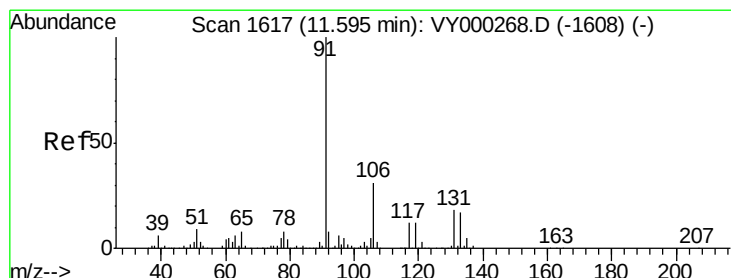
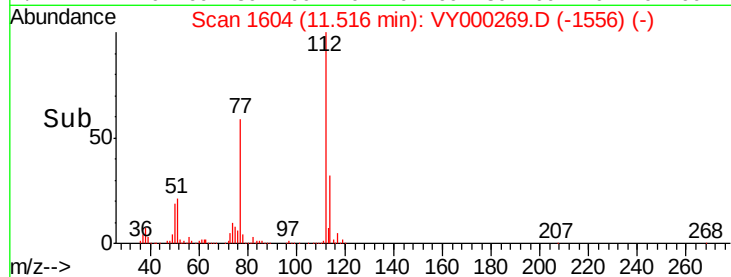
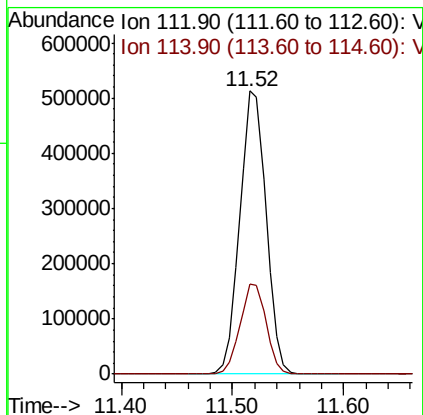
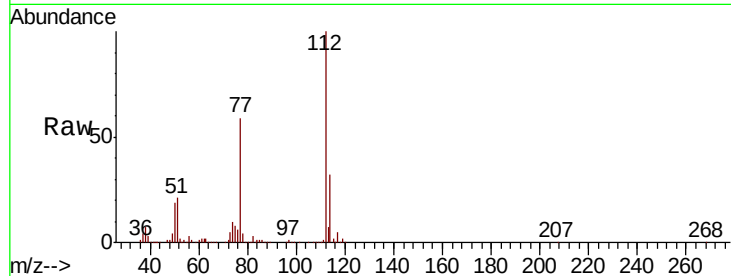




#65
Chlorobenzene
Concen: 97.351 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

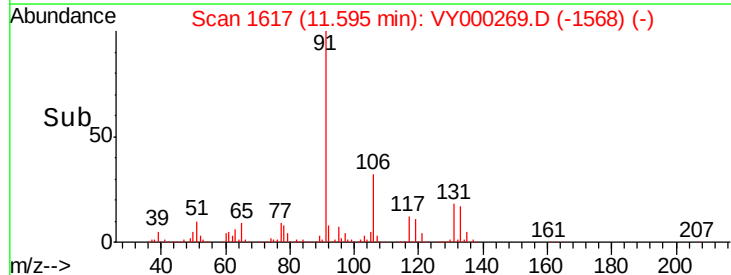
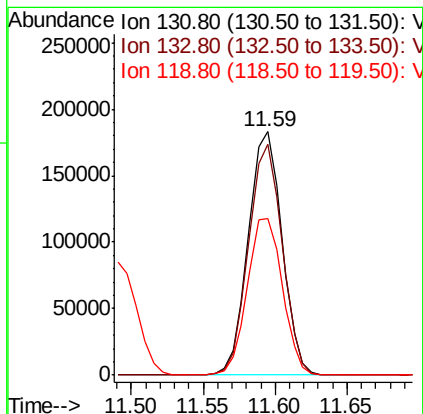
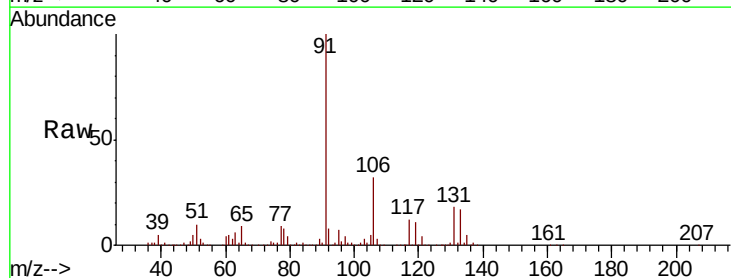
Instrument :
MSVOA_Y
ClientSampled :

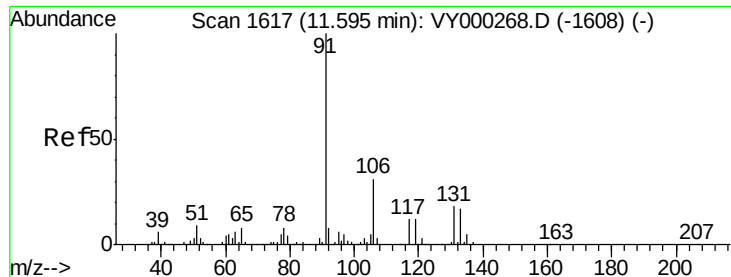
Tot Ion:112 Resp: 839699
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 97.768 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion:131 Resp: 296233
Ion Ratio Lower Upper
131 100
133 94.6 47.2 141.6
119 67.2 32.6 98.0

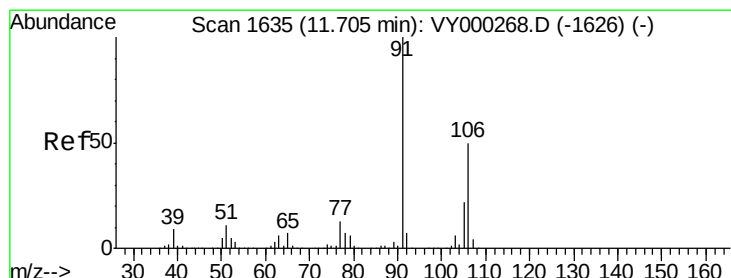
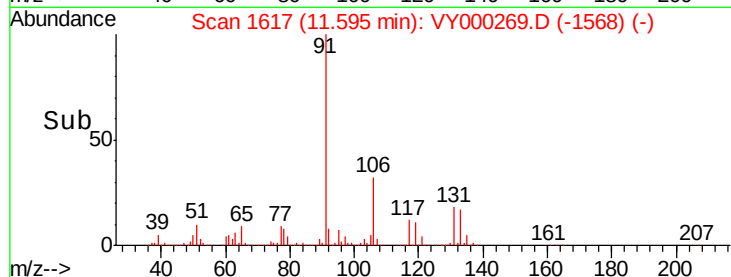
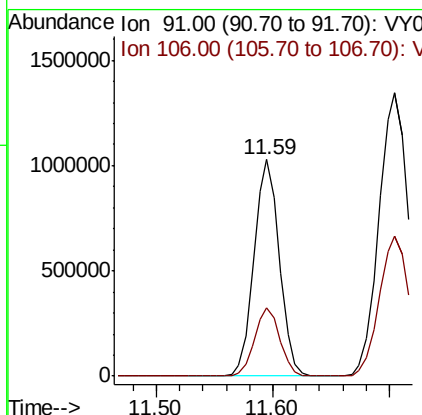
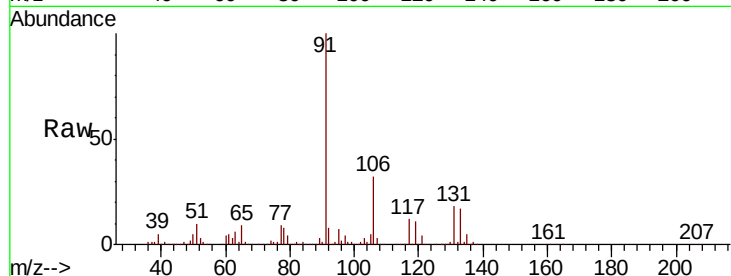




#67
Ethyl Benzene
Concen: 97.442 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

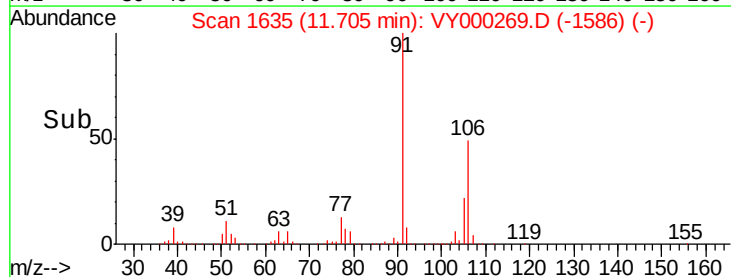
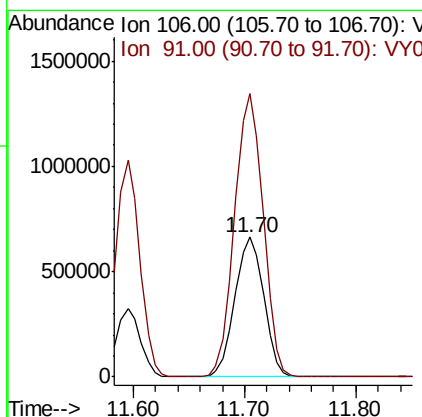
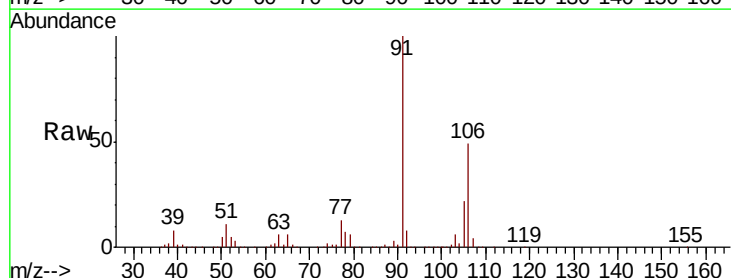
Instrument :
MSVOA_Y
ClientSampled :

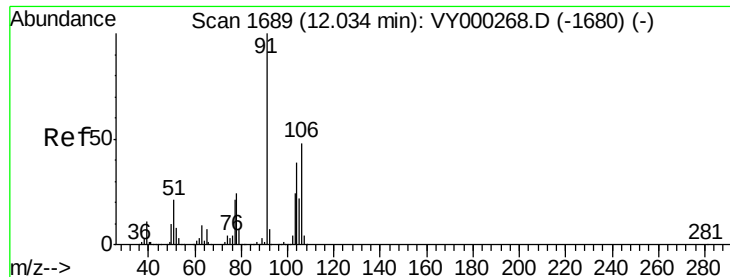
Tot Ion: 91 Resp: 1558073
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6



#68
m/p-Xylenes
Concen: 195.310 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion: 106 Resp: 1193853
Ion Ratio Lower Upper
106 100
91 200.8 157.5 236.3

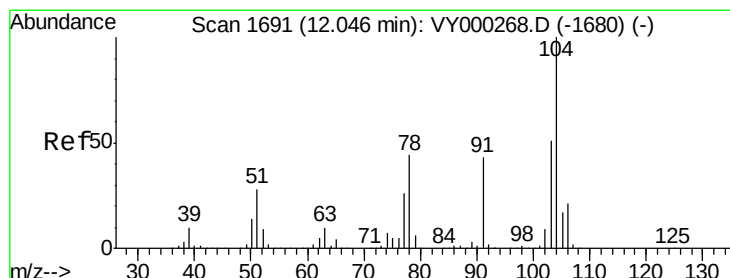
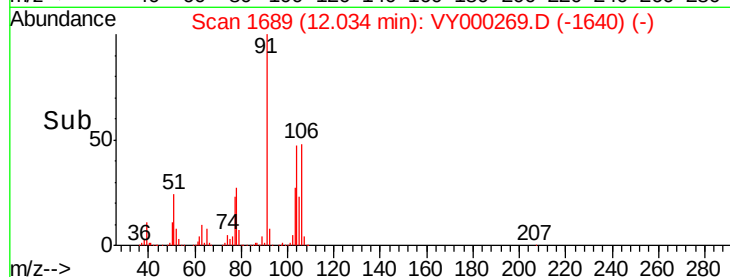
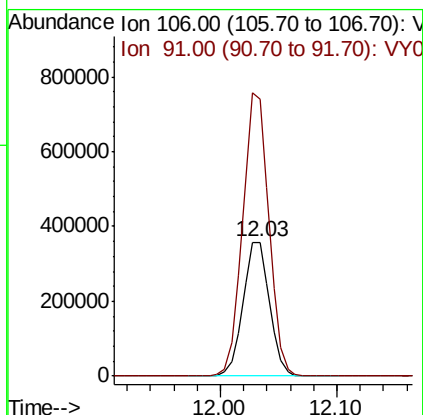
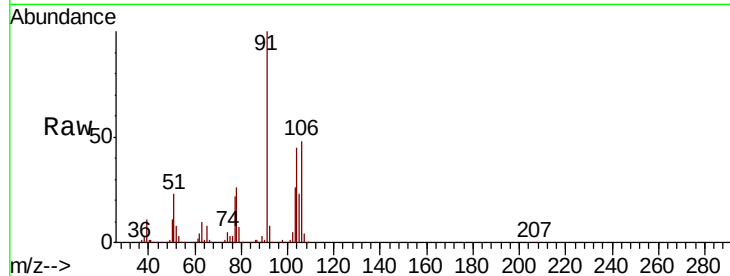




#69
o-Xylene
Concen: 97.295 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

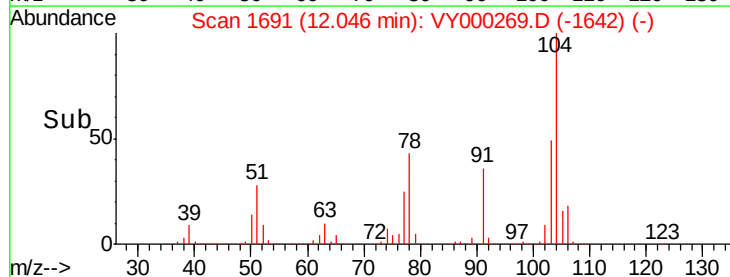
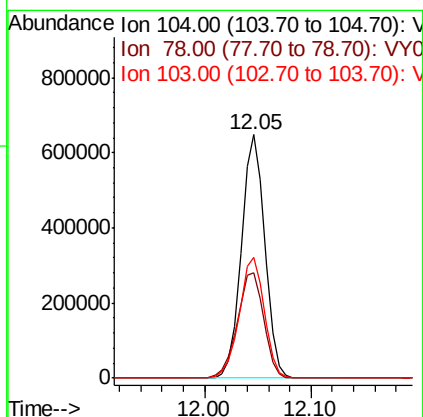
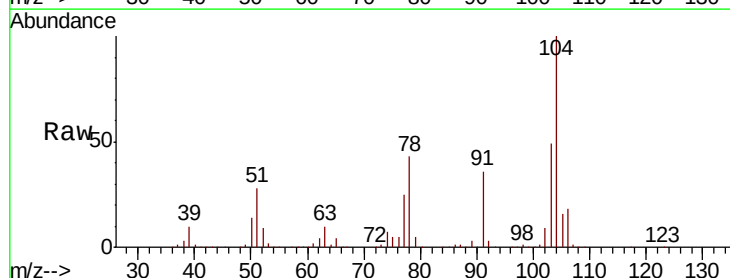
Instrument :
MSVOA_Y
ClientSampled :

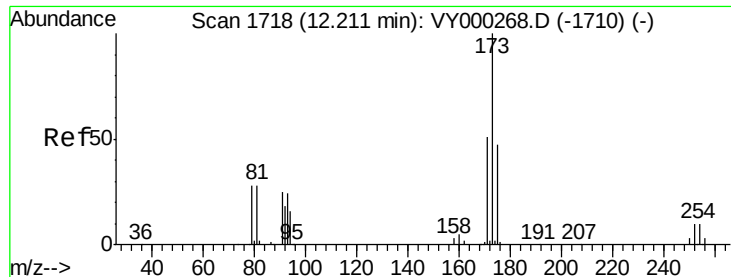
Tot Ion:106 Resp: 567350
Ion Ratio Lower Upper
106 100
91 209.8 104.7 313.9



#70
Styrene
Concen: 101.861 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion:104 Resp: 1001726
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.6
103 53.1 43.1 64.7





#71

Bromoform

Concen: 104.876 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

ClientSampled :

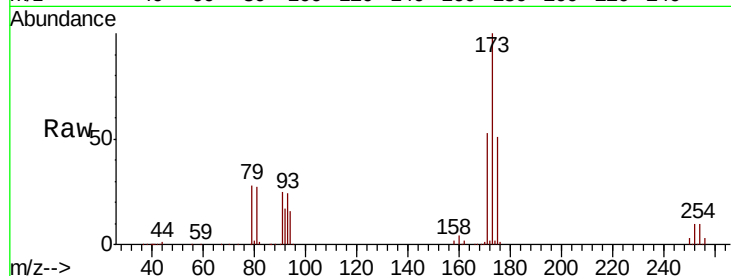
Tot Ion:173 Resp: 182673

Ion Ratio Lower Upper

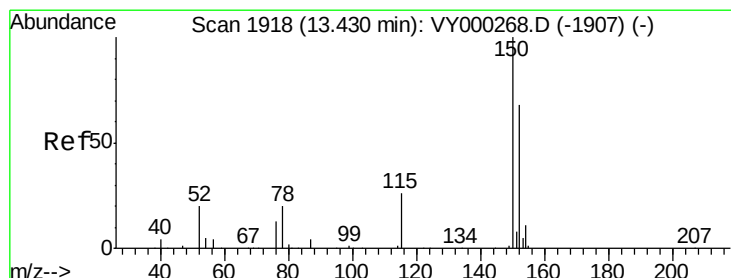
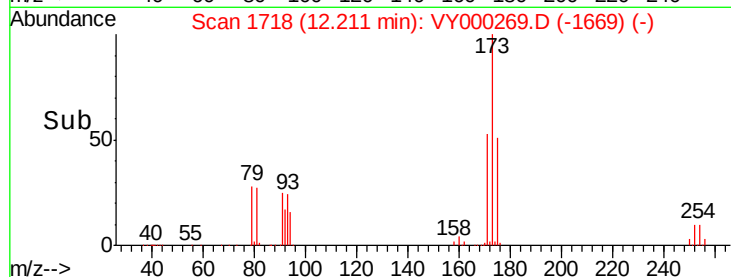
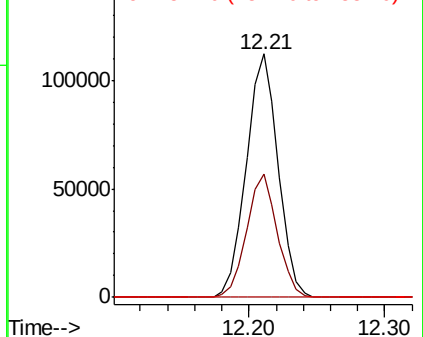
173 100

175 48.8 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: VY000269.D

Acq: 11 Oct 2019 14:15

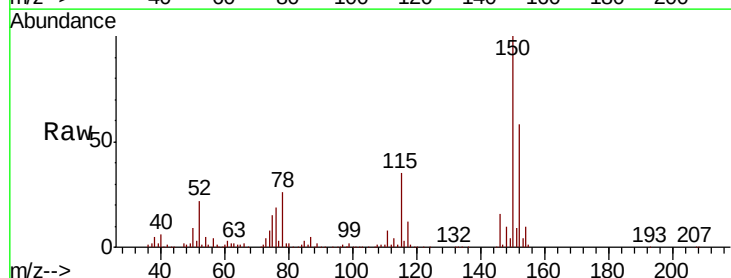
Tgt Ion:152 Resp: 201280

Ion Ratio Lower Upper

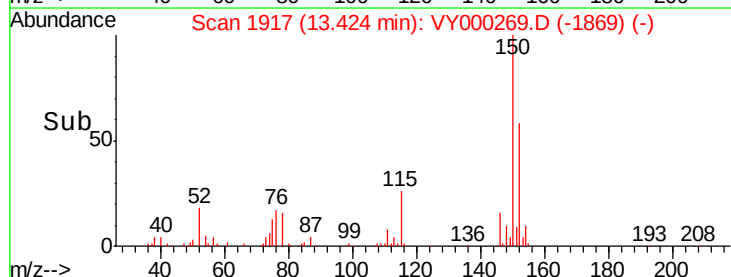
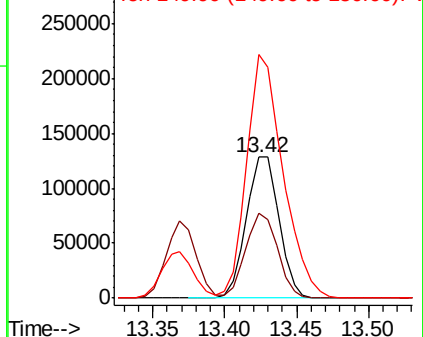
152 100

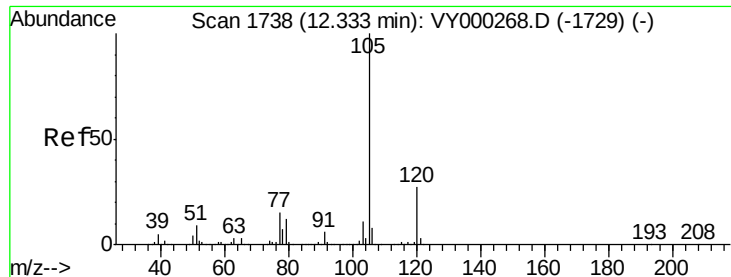
115 58.7 29.3 88.0

150 192.4 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: 99.304 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

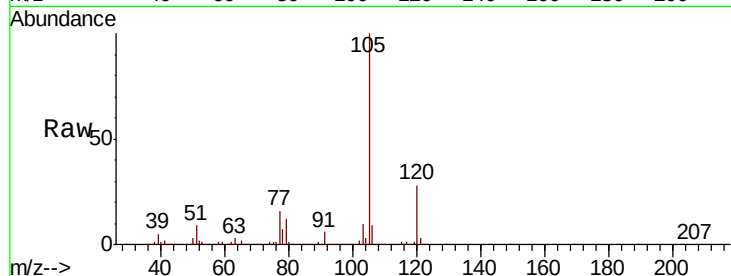
ClientSampled :

Tot Ion:105 Resp: 1558530

Ion Ratio Lower Upper

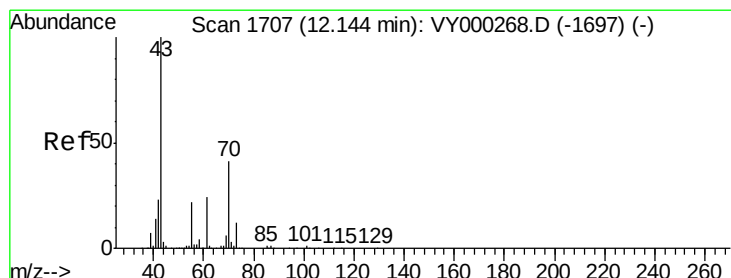
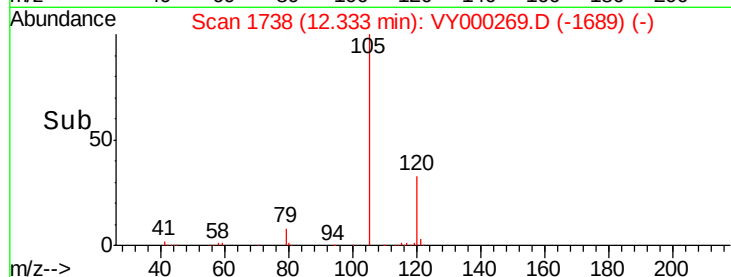
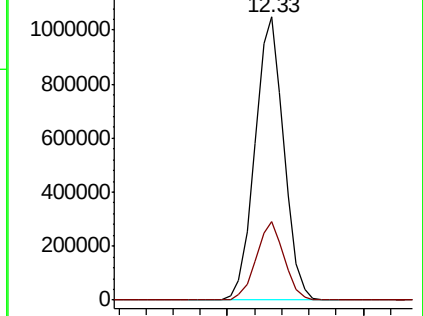
105 100

120 26.8 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: 112.961 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Tgt Ion: 43 Resp: 435234

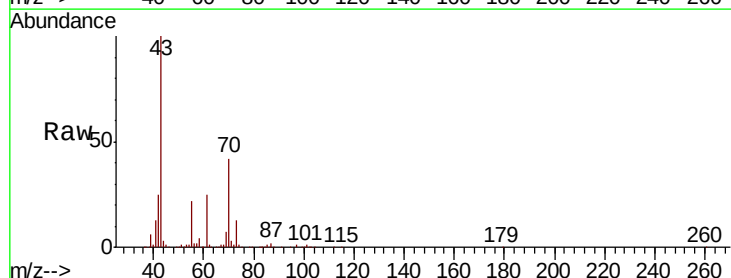
Ion Ratio Lower Upper

43 100

70 43.4 32.9 49.3

55 22.1 17.8 26.6

61 24.8 19.5 29.3

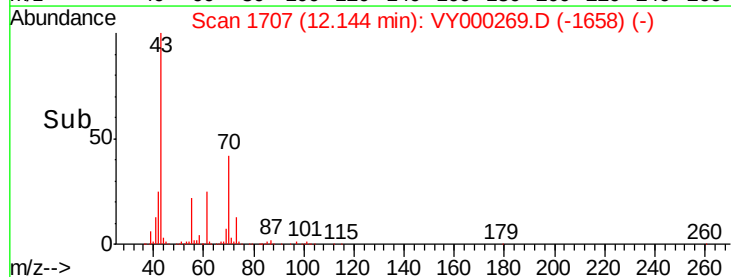
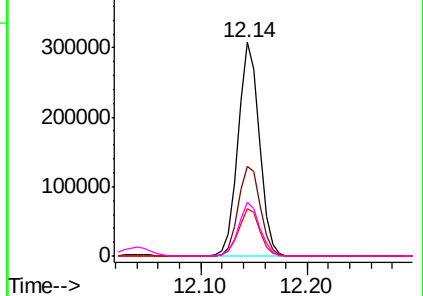


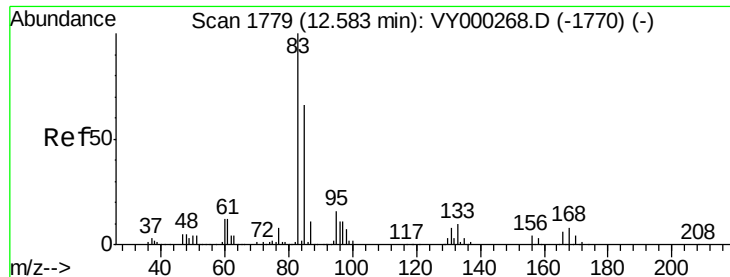
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 104.820 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

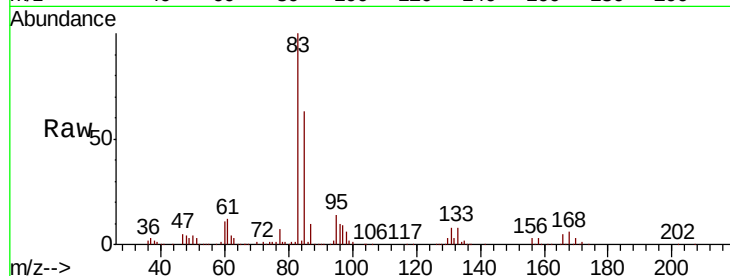
Tot Ion: 83 Resp: 308877

Ion	Ratio	Lower	Upper
83	100		
131	9.3	5.3	16.1
85	63.3	32.9	98.7

83 100

131 9.3 5.3 16.1

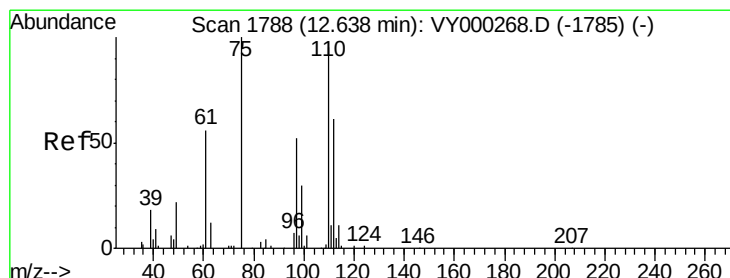
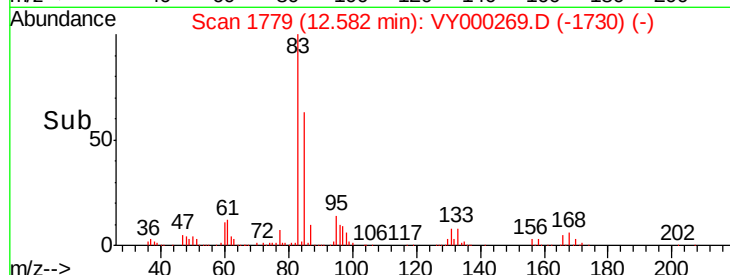
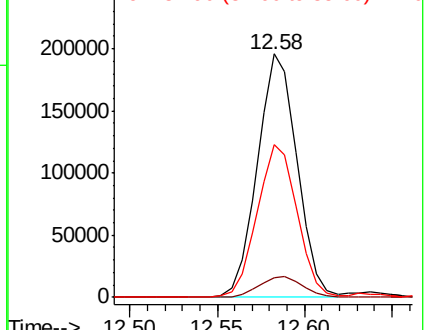
85 63.3 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VY000269.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000269.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000269.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 108.466 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY000269.D

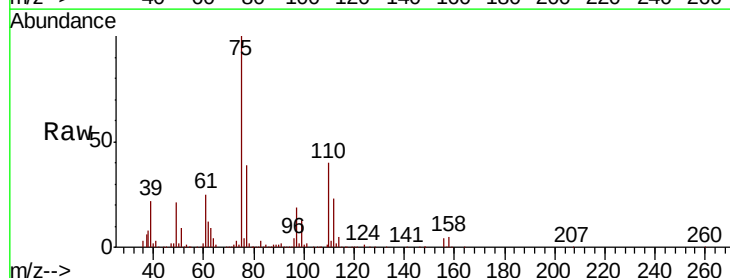
Acq: 11 Oct 2019 14:15

Tgt Ion: 75 Resp: 436444

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

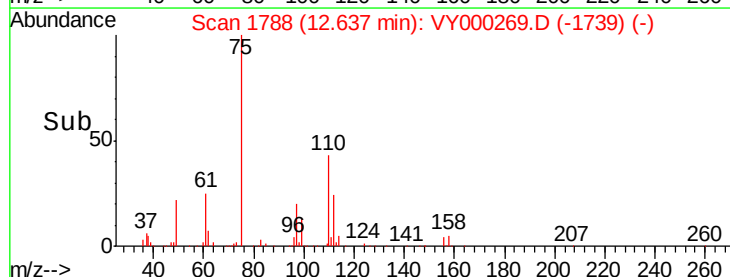
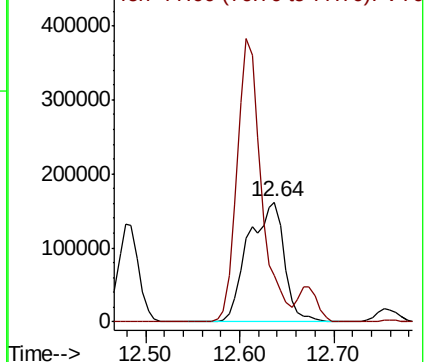
75 100

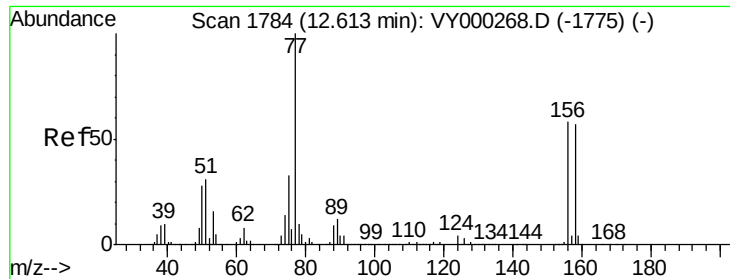
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000269.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY000269.D (-1739) (-)





#77

Bromobenzene

Concen: 95.705 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

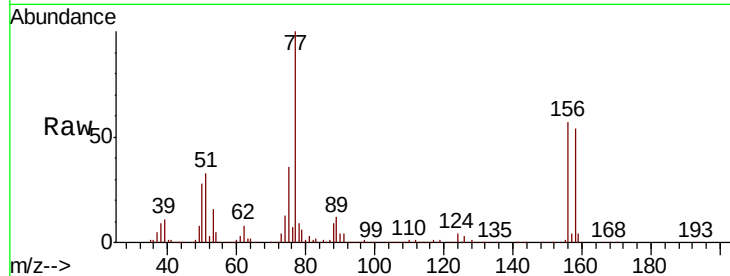
Tot Ion:156 Resp: 334238

Ion Ratio Lower Upper

156 100

77 207.1 101.0 302.9

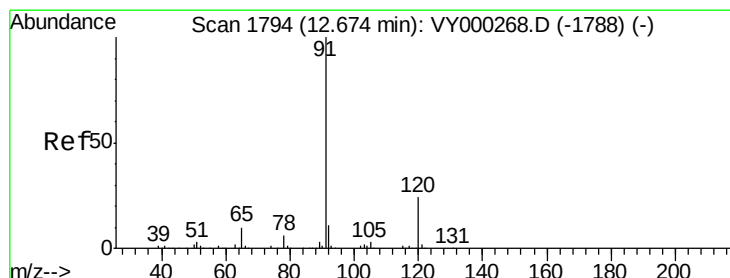
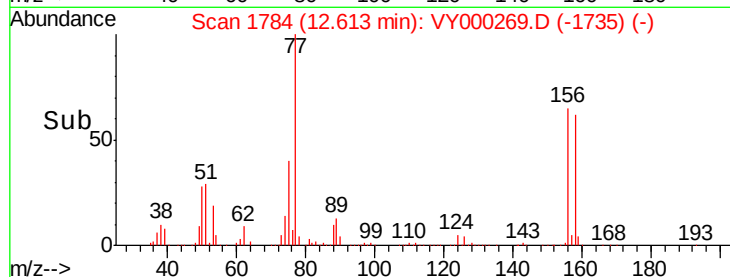
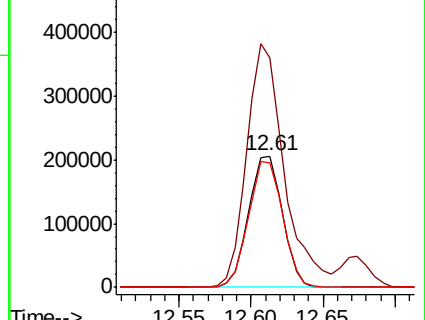
158 97.1 49.7 149.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 99.838 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000269.D

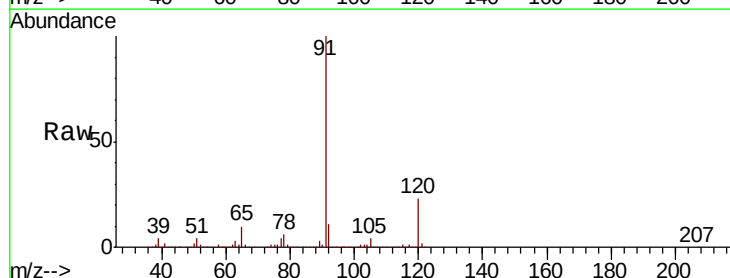
Acq: 11 Oct 2019 14:15

Tgt Ion: 91 Resp: 1881320

Ion Ratio Lower Upper

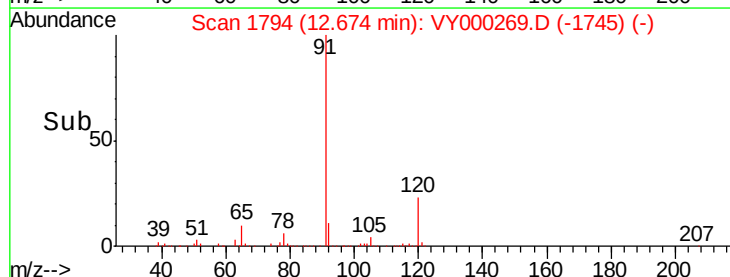
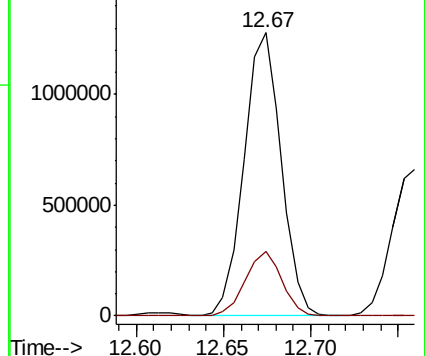
91 100

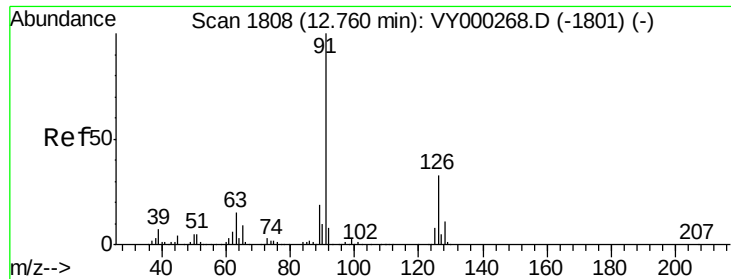
120 22.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 99.250 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

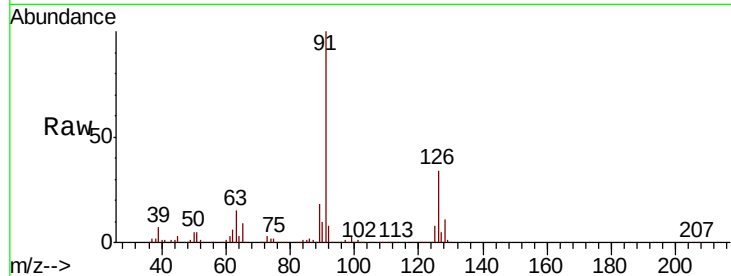
ClientSampleId :

Tot Ion: 91 Resp: 1032858

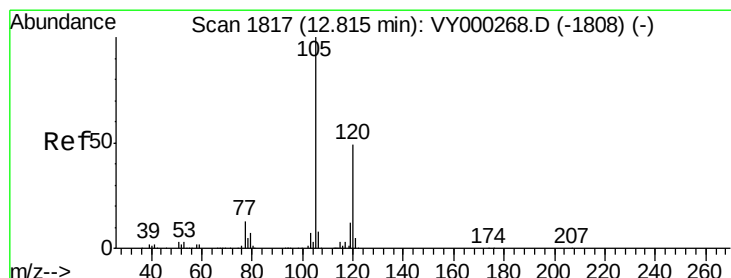
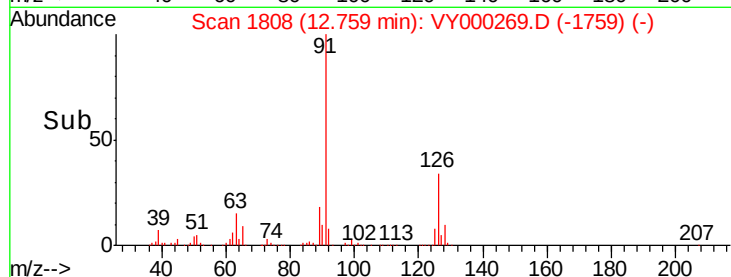
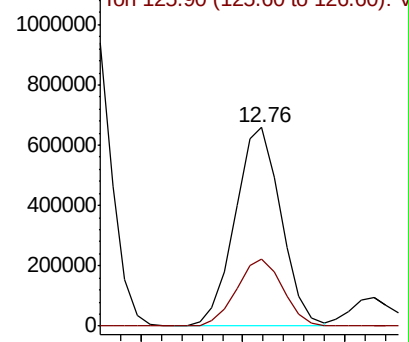
Ion Ratio Lower Upper

91 100

126 34.0 17.1 51.3



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



#80

1,3,5-Trimethylbenzene

Concen: 97.973 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000269.D

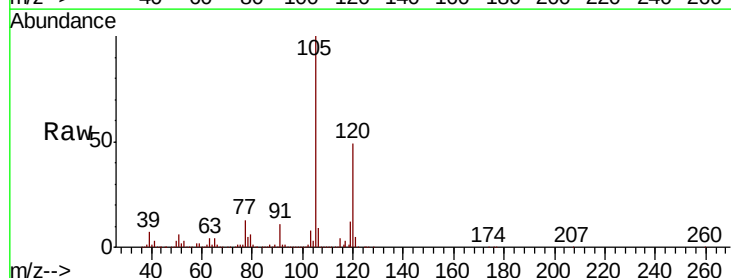
Acq: 11 Oct 2019 14:15

Tgt Ion:105 Resp: 1289349

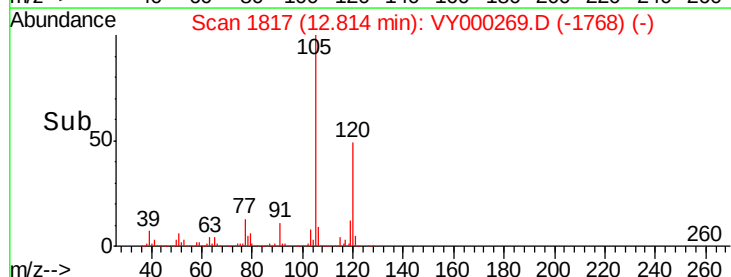
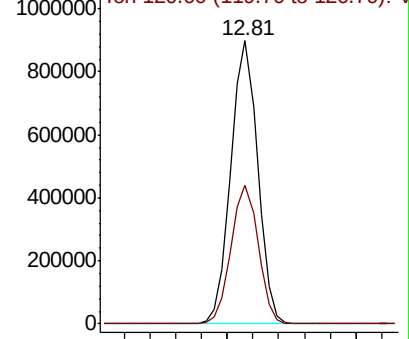
Ion Ratio Lower Upper

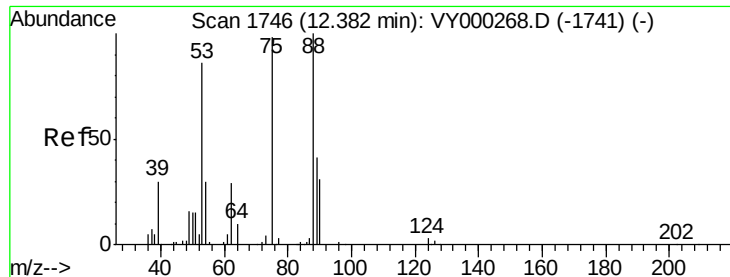
105 100

120 49.7 24.9 74.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 109.587 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

ClientSampleId :

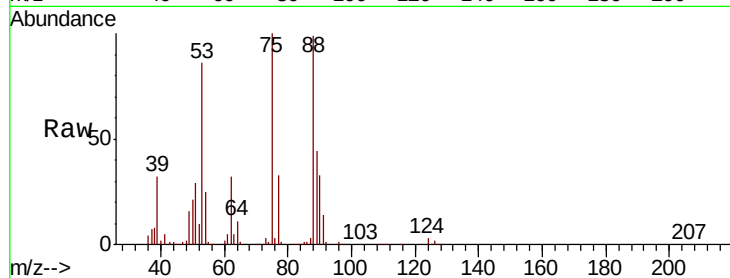
Tot Ion: 75 Resp: 123967

Ion Ratio Lower Upper

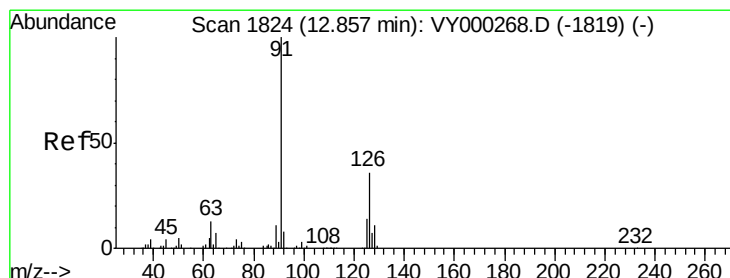
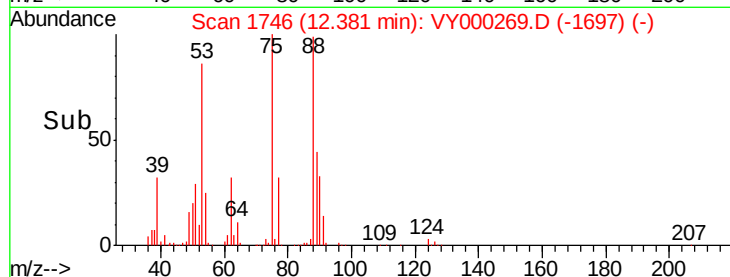
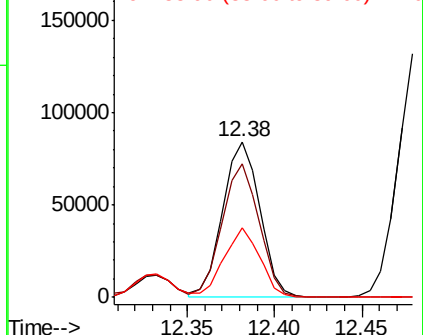
75 100

53 86.4 71.3 106.9

89 43.8 35.1 52.7



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 100.021 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY000269.D

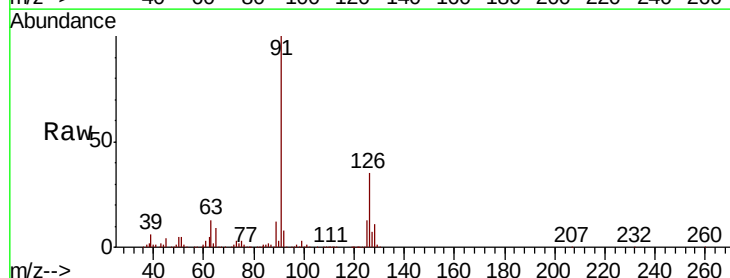
Acq: 11 Oct 2019 14:15

Tgt Ion: 91 Resp: 1100262

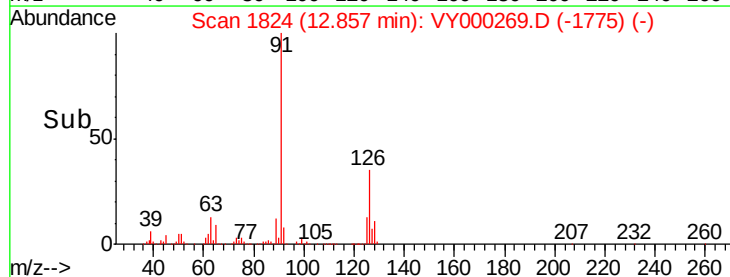
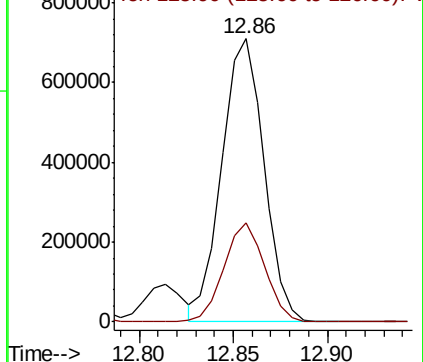
Ion Ratio Lower Upper

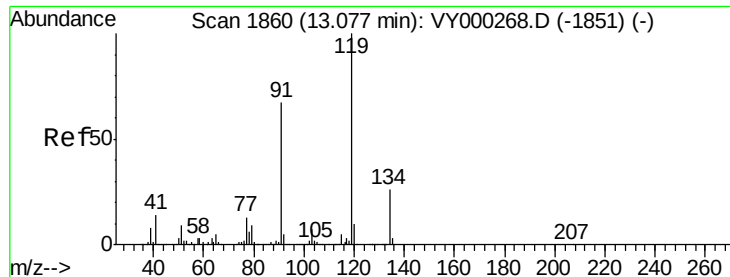
91 100

126 33.8 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

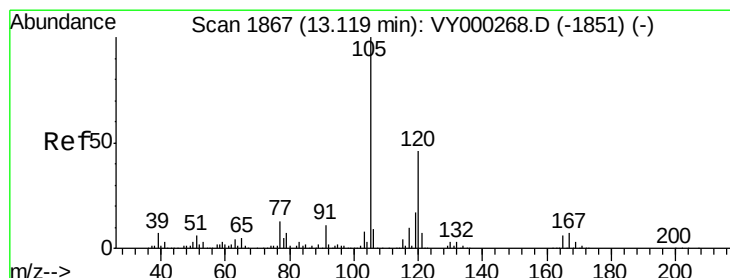
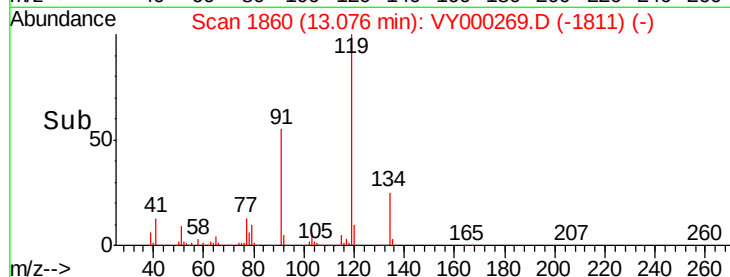
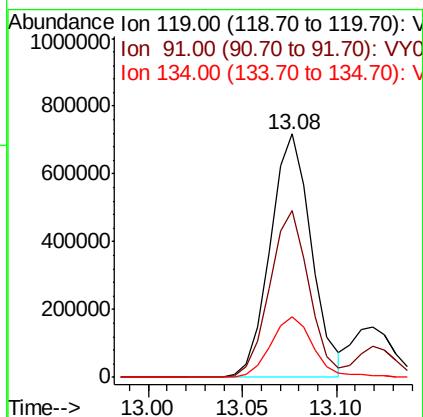
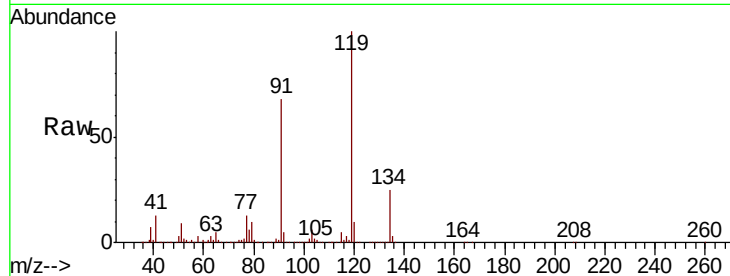




#83
tert-Butylbenzene
Concen: 97.668 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

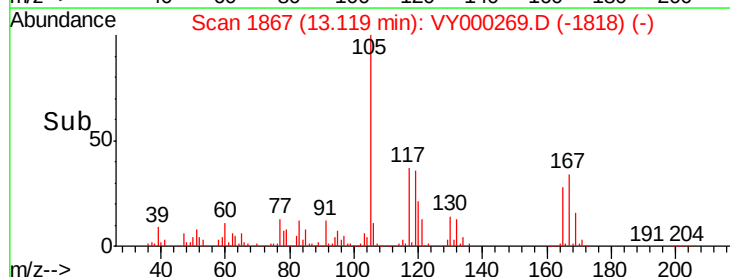
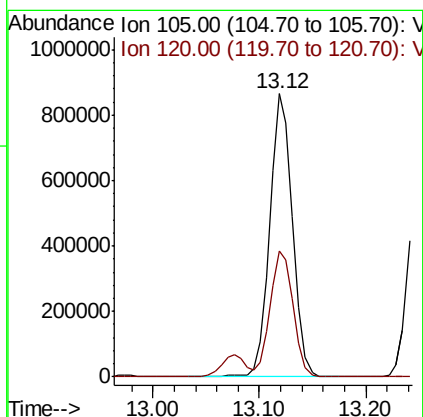
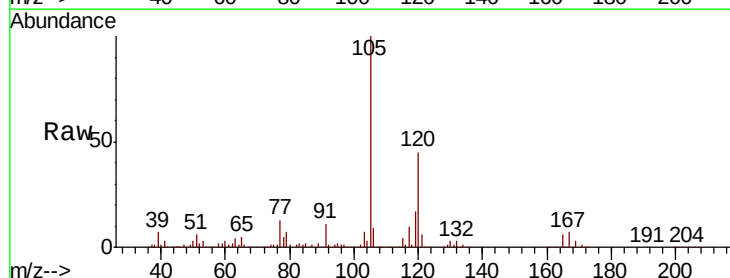
Instrument :
MSVOA_Y
ClientSampleId :

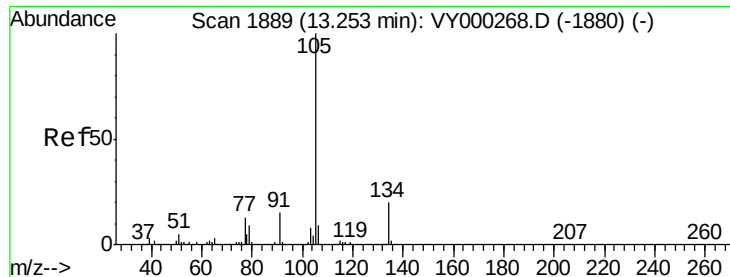
Tot Ion:119 Resp: 1088472
Ion Ratio Lower Upper
119 100
91 65.7 32.9 98.7
134 25.9 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 98.968 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion:105 Resp: 1285455
Ion Ratio Lower Upper
105 100
120 45.2 22.9 68.8





#85

sec-Butylbenzene

Concen: 98.248 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

Instrument :

MSVOA_Y

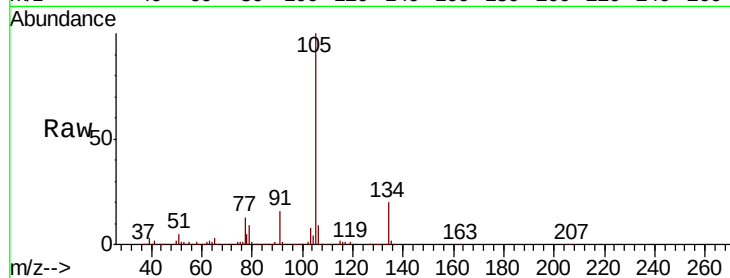
ClientSampled :

Tot Ion:105 Resp: 1583965

Ion Ratio Lower Upper

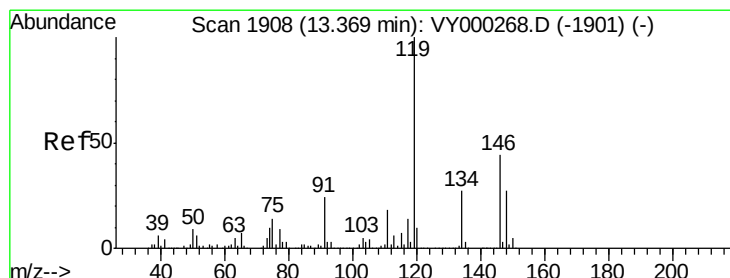
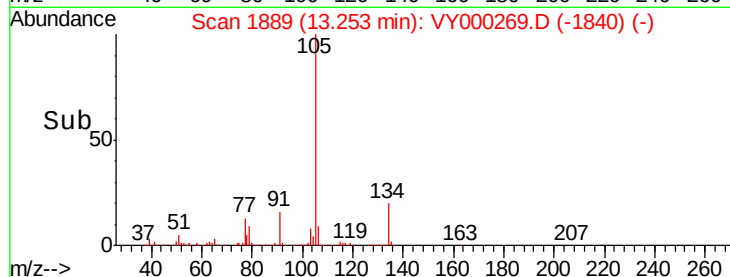
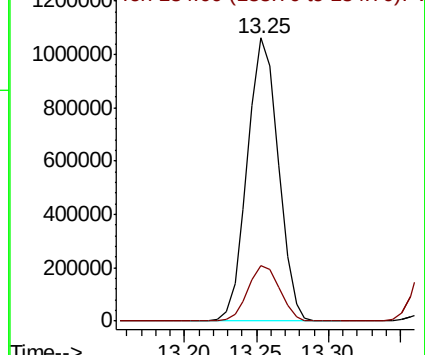
105 100

134 20.2 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: 99.368 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000269.D

Acq: 11 Oct 2019 14:15

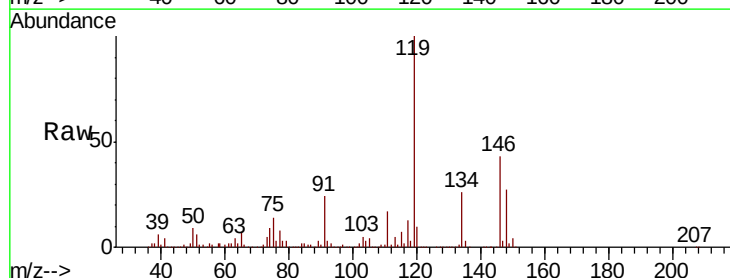
Tgt Ion:119 Resp: 1396666

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

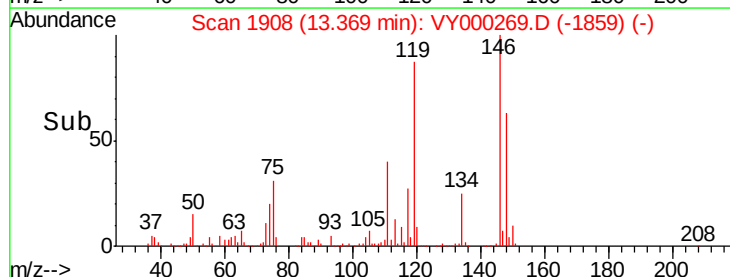
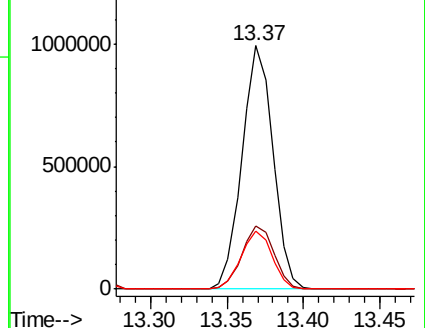
91 23.9 12.0 36.1

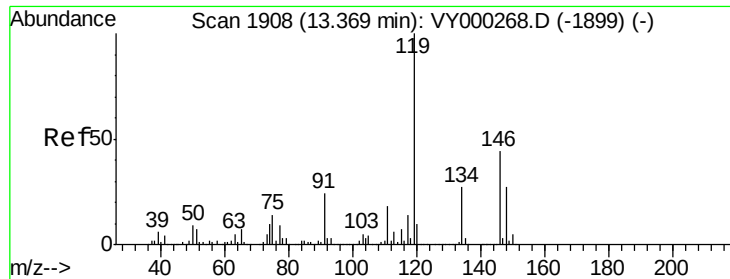


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

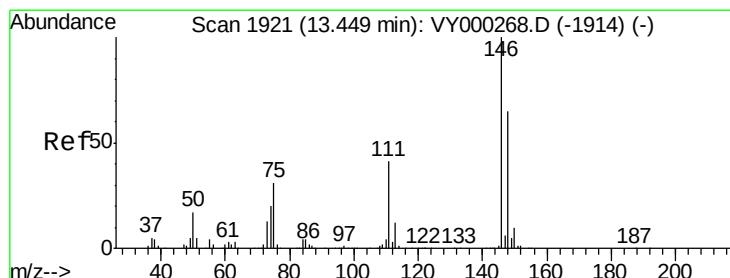
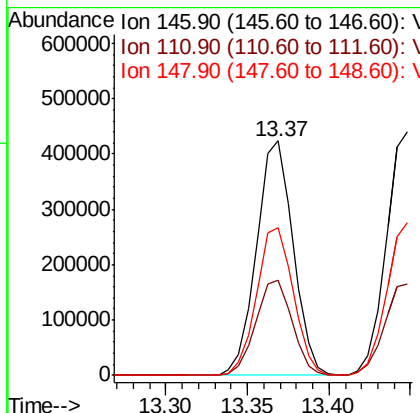
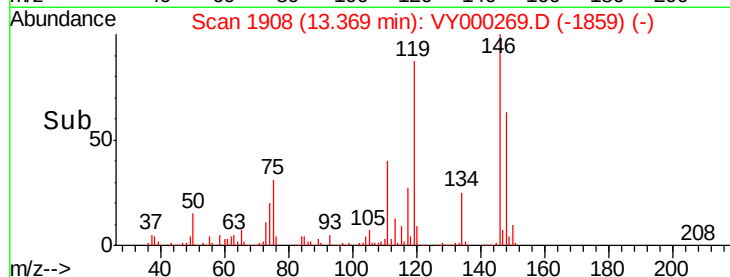
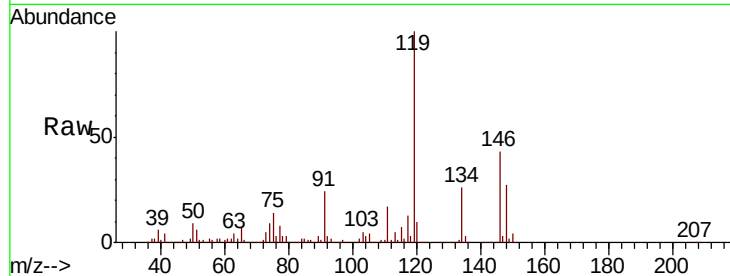




#87
 1,3-Dichlorobenzene
 Concen: 95.793 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

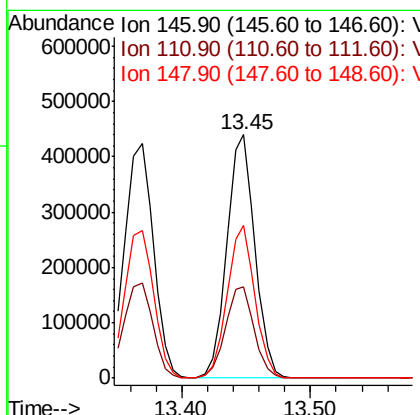
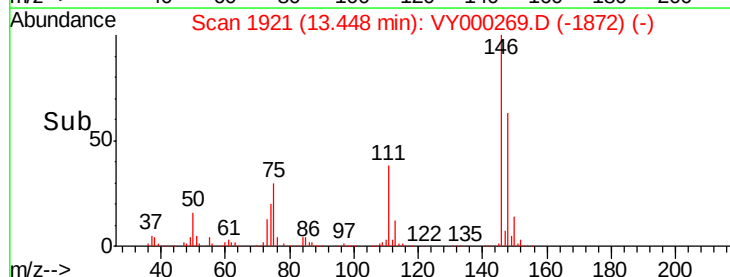
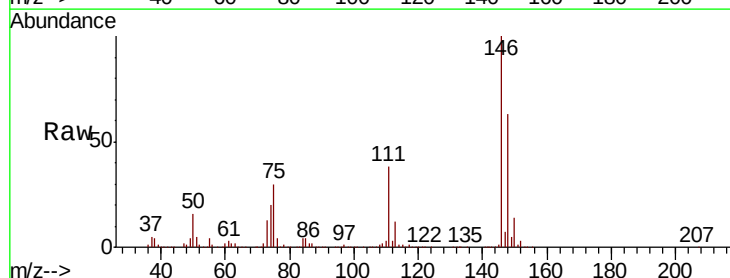
Instrument :
 MSVOA_Y
 ClientSampleId :

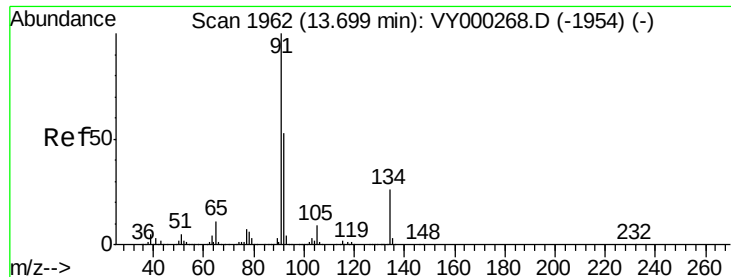
Tot Ion:146 Resp: 659146
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.6 61.8
 148 63.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 97.113 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

Tgt Ion:146 Resp: 667908
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.1 60.2
 148 62.0 32.4 97.2

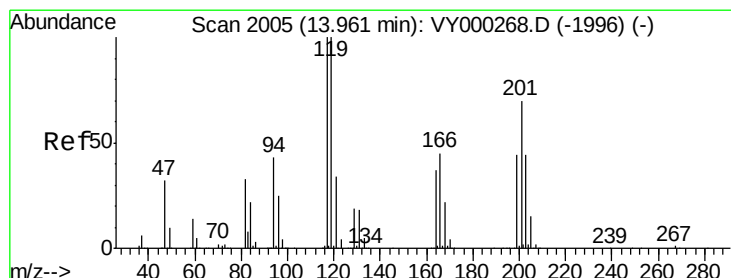
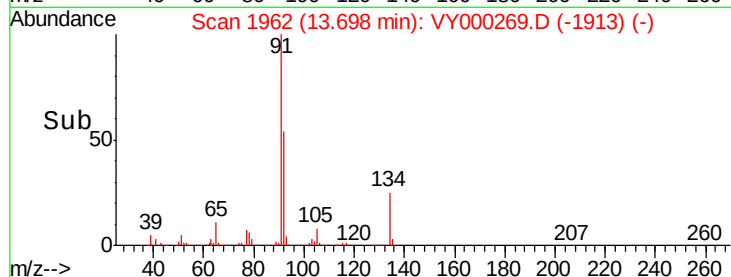
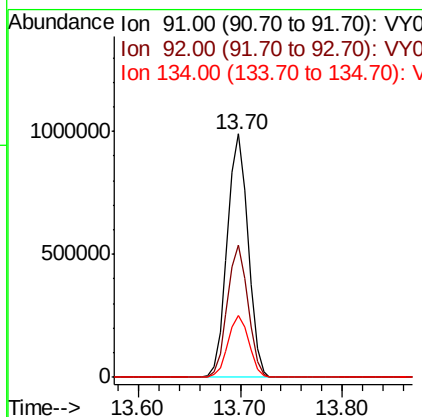
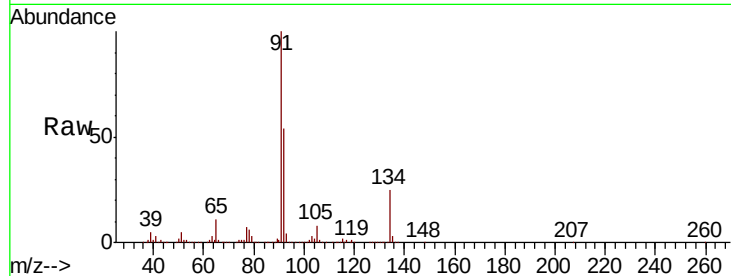




#89
n-Butylbenzene
Concen: 100.702 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

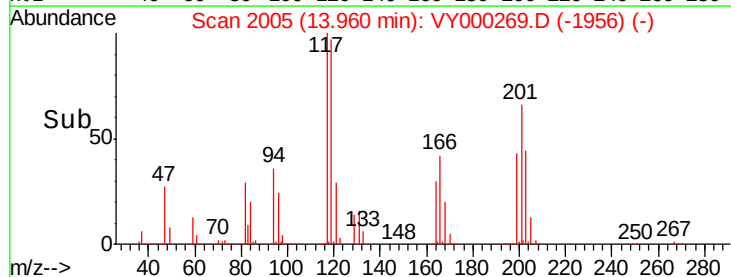
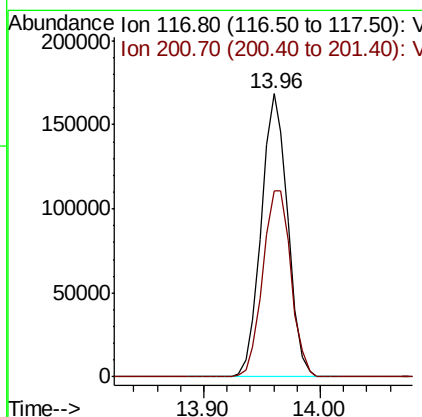
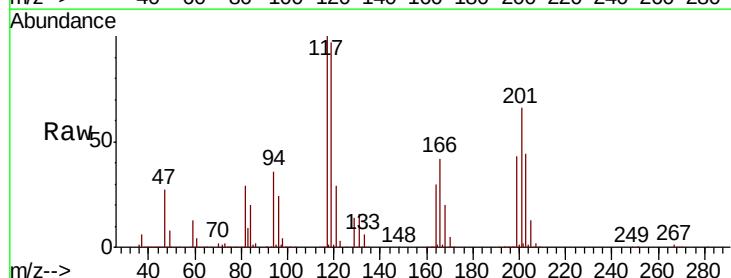
Instrument :
MSVOA_Y
ClientSampled :

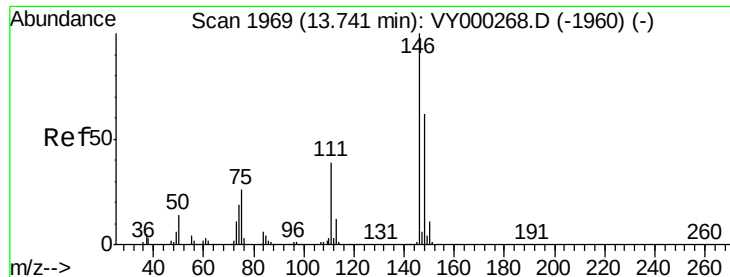
Tot Ion: 91 Resp: 1398721
Ion Ratio Lower Upper
91 100
92 53.9 26.7 80.1
134 25.4 13.0 38.9



#90
Hexachloroethane
Concen: 102.473 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion: 117 Resp: 266706
Ion Ratio Lower Upper
117 100
201 70.4 36.3 108.7

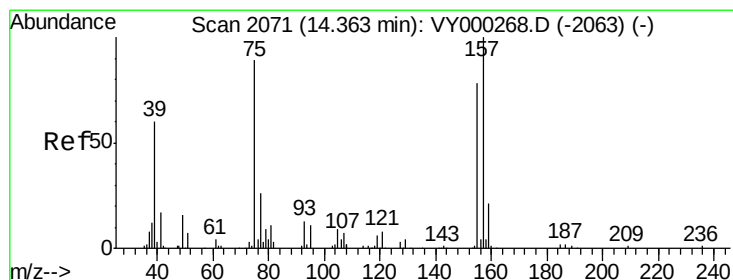
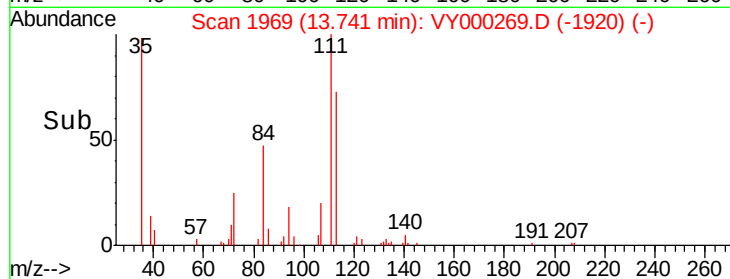
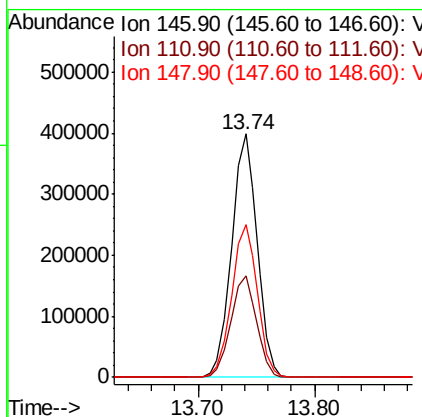
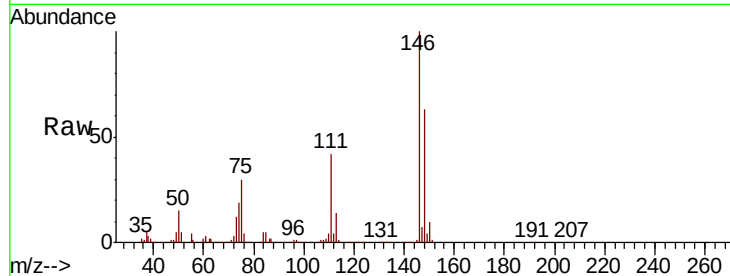




#91
 1,2-Dichlorobenzene
 Concen: 97.414 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

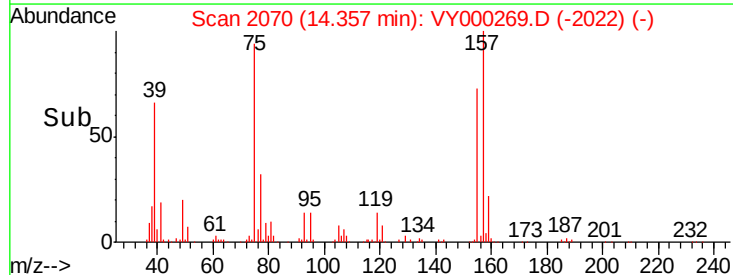
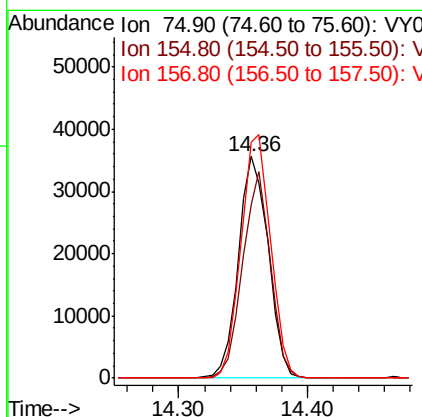
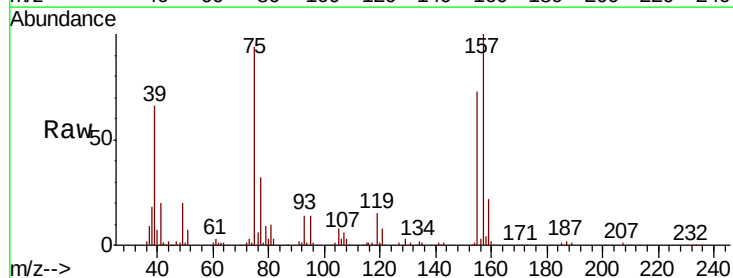
Instrument :
 MSVOA_Y
 ClientSampleId :

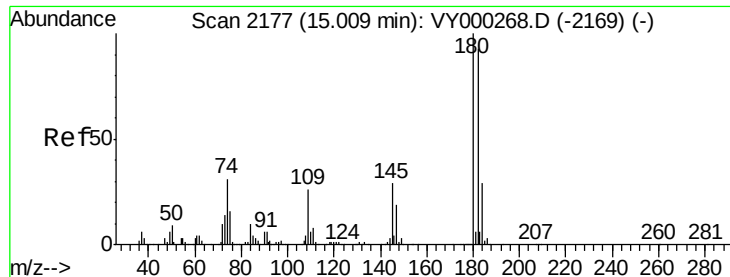
Tot Ion:146 Resp: 606615
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.5 61.5
 148 63.1 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 102.052 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

Tgt Ion: 75 Resp: 57034
 Ion Ratio Lower Upper
 75 100
 155 86.0 45.8 137.3
 157 108.6 55.6 166.9

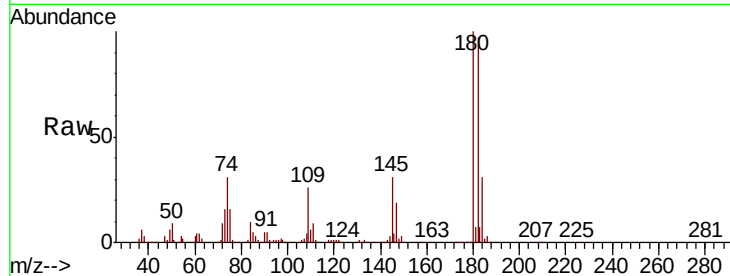




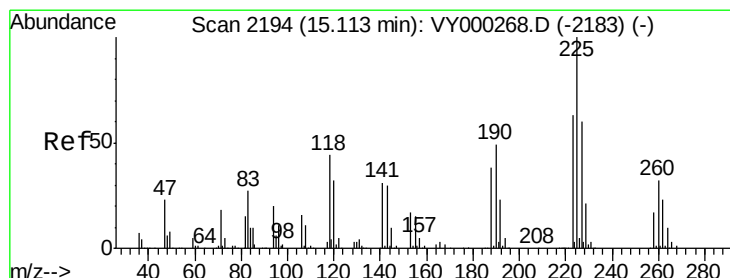
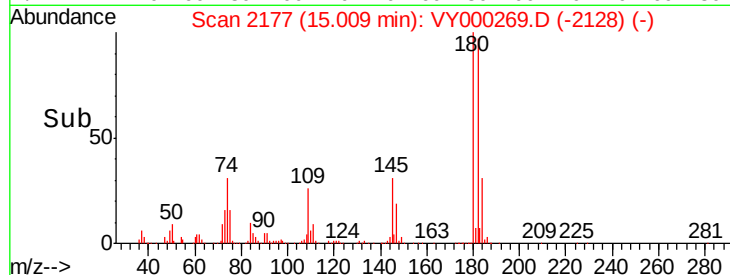
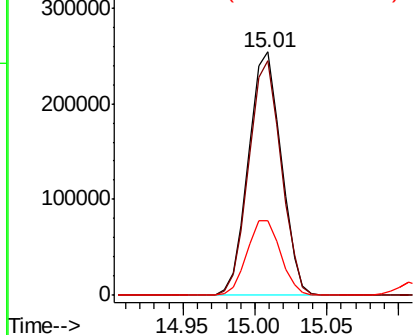
#93
 1,2,4-Trichlorobenzene
 Concen: 92.137 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.5	142.6
145	31.5	15.4	46.1

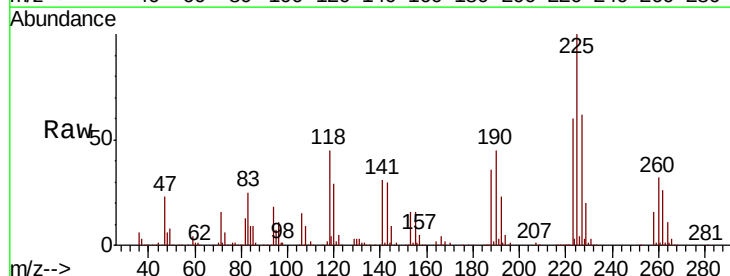


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

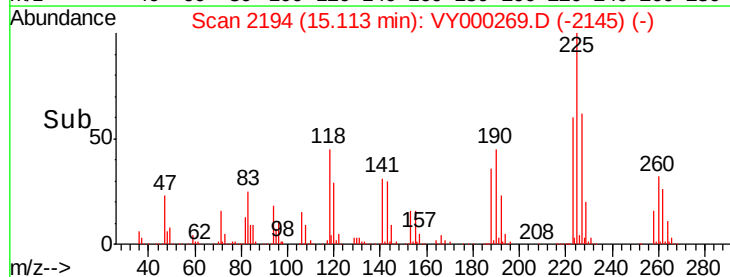
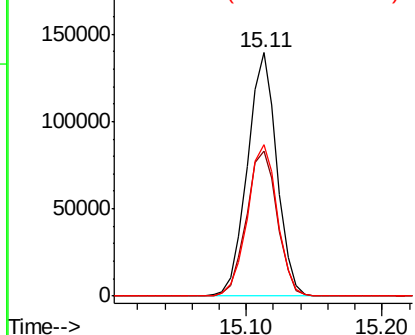


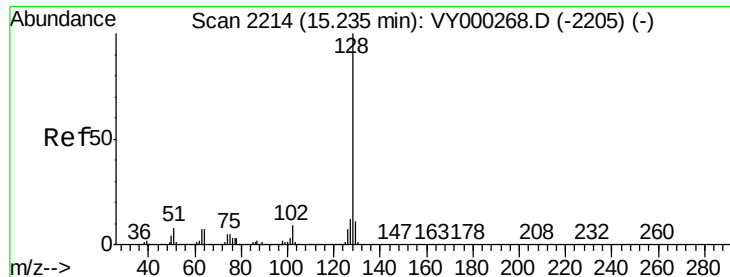
#94
 Hexachlorobutadiene
 Concen: 90.033 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000269.D
 Acq: 11 Oct 2019 14:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.9	95.7
227	63.4	31.4	94.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

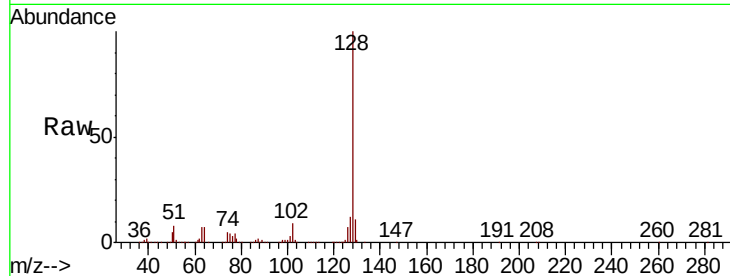




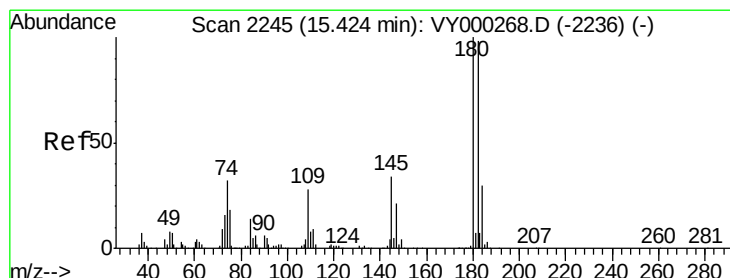
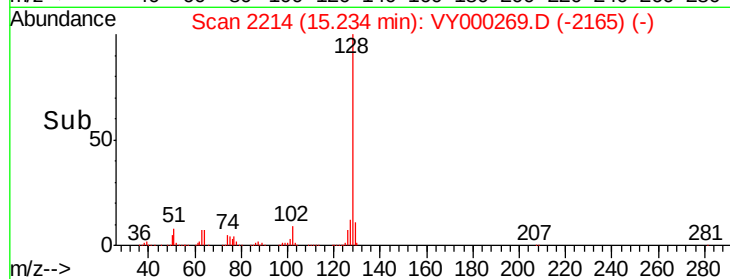
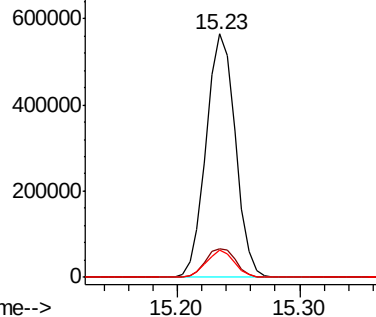
#95
Naphthalene
Concen: 96.373 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 932445
Ion Ratio Lower Upper
128 100
127 12.4 9.6 14.4
129 10.8 8.7 13.1

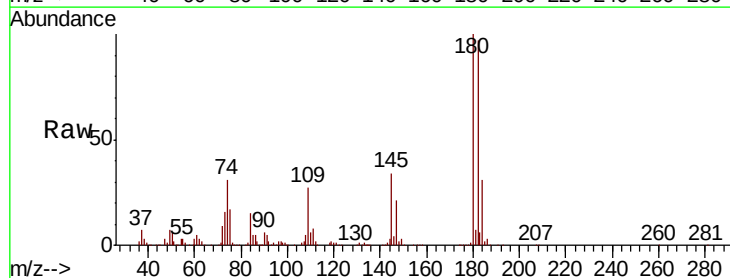


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 93.462 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000269.D
Acq: 11 Oct 2019 14:15

Tgt Ion:180 Resp: 365197
Ion Ratio Lower Upper
180 100
182 94.0 46.5 139.5
145 32.0 16.2 48.5



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

