

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000445.D
 Acq On : 25 Oct 2019 21:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 01:48:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	174282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	294005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	276999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	142945	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	103364	56.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.44%	
35) Dibromofluoromethane	7.74	113	92847	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
50) Toluene-d8	10.19	98	351022	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.48	95	131010	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	52928	37.345	ug/l	97
3) Chloromethane	2.11	50	100114	47.009	ug/l	99
4) Vinyl Chloride	2.26	62	87771	40.837	ug/l	96
5) Bromomethane	2.65	94	61480	38.597	ug/l	97
6) Chloroethane	2.79	64	63292	45.639	ug/l	97
7) Trichlorofluoromethane	3.13	101	137363	46.722	ug/l	99
8) Diethyl Ether	3.53	74	56474	54.374	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	85436	47.917	ug/l	99
10) Methyl Iodide	4.10	142	88630	35.257	ug/l	97
11) Tert butyl alcohol	4.97	59	50801	264.052	ug/l	99
12) 1,1-Dichloroethene	3.88	96	81765	46.452	ug/l	94
13) Acrolein	3.74	56	69823	309.557	ug/l	98
14) Allyl chloride	4.49	41	147684	50.629	ug/l	98
15) Acrylonitrile	5.18	53	168396	289.672	ug/l	98
16) Acetone	3.96	43	149401	250.945	ug/l	98
17) Carbon Disulfide	4.20	76	219042	39.524	ug/l	99
18) Methyl Acetate	4.49	43	87143	58.911	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	291701	59.531	ug/l	98
20) Methylene Chloride	4.72	84	113781	57.542	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	99733	49.386	ug/l	90
22) Diisopropyl ether	6.13	45	360783	58.479	ug/l	96
23) Vinyl Acetate	6.08	43	1122668	278.932	ug/l	100
24) 1,1-Dichloroethane	6.03	63	182845	54.296	ug/l	98
25) 2-Butanone	7.00	43	231095	275.552	ug/l	97
26) 2,2-Dichloropropane	7.00	77	149785	48.270	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	120683	55.227	ug/l	96
28) Bromochloromethane	7.35	49	84418	58.395	ug/l	97
29) Tetrahydrofuran	7.36	42	146629	288.491	ug/l	98
30) Chloroform	7.52	83	191659	56.514	ug/l	98
31) Cyclohexane	7.80	56	151189	42.986	ug/l	94
32) 1,1,1-Trichloroethane	7.72	97	162036	53.743	ug/l	99
36) 1,1-Dichloropropene	7.93	75	136076	47.273	ug/l	98
37) Ethyl Acetate	7.09	43	95460	56.008	ug/l	98
38) Carbon Tetrachloride	7.91	117	137994	49.512	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	169728	45.052	ug/l	95
40) Benzene	8.17	78	427229	51.359	ug/l	99
41) Methacrylonitrile	7.36	41	133653	164.739	ug/l #	25
42) 1,2-Dichloroethane	8.25	62	133929	56.363	ug/l	99
43) Isopropyl Acetate	8.28	43	182528	56.322	ug/l	99
44) Trichloroethene	8.95	130	113697	48.712	ug/l	100
45) 1,2-Dichloropropane	9.23	63	114907	56.288	ug/l	96
46) Dibromomethane	9.31	93	64171	56.232	ug/l	97
47) Bromodichloromethane	9.50	83	155959	57.990	ug/l	96
48) Methyl methacrylate	9.30	41	85399	60.128	ug/l	96
49) 1,4-Dioxane	9.30	88	18017	1052.976	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	496101	296.796	ug/l	100
52) Toluene	10.25	92	279420	52.907	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	162123	56.249	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	180823	55.243	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	96951	58.431	ug/l	96
56) Ethyl methacrylate	10.52	69	139107	58.819	ug/l	97
57) 1,3-Dichloropropane	10.80	76	165743	58.165	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	315146	334.080	ug/l	99
59) 2-Hexanone	10.84	43	355566	303.057	ug/l	98
60) Dibromochloromethane	10.99	129	111404	60.577	ug/l	96
61) 1,2-Dibromoethane	11.09	107	94428	59.272	ug/l	98
64) Tetrachloroethene	10.72	164	121100	45.922	ug/l	97
65) Chlorobenzene	11.52	112	301308	51.542	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	111452	54.273	ug/l	100
67) Ethyl Benzene	11.59	91	544577	50.252	ug/l	99
68) m/p-Xylenes	11.70	106	411540	99.338	ug/l	97
69) o-Xylene	12.03	106	203266	51.432	ug/l	99
70) Styrene	12.05	104	353368	53.017	ug/l	99
71) Bromoform	12.21	173	69186	58.607	ug/l #	95
73) Isopropylbenzene	12.33	105	537689	48.241	ug/l	99
74) N-amyl acetate	12.14	43	169216	61.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	117975	56.374	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	157765	89.755	ug/l #	100
77) Bromobenzene	12.61	156	128373	51.759	ug/l	96
78) n-propylbenzene	12.67	91	650551	48.613	ug/l	99
79) 2-Chlorotoluene	12.76	91	364664	49.342	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	457728	48.975	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	39443	49.097	ug/l	96
82) 4-Chlorotoluene	12.85	91	391228	50.079	ug/l	100
83) tert-Butylbenzene	13.08	119	389323	49.190	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	462420	50.131	ug/l	100
85) sec-Butylbenzene	13.25	105	558522	48.781	ug/l	99
86) p-Isopropyltoluene	13.37	119	497720	49.862	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	249913	51.141	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	251323	51.454	ug/l	97
89) n-Butylbenzene	13.70	91	472488	47.899	ug/l	100
90) Hexachloroethane	13.96	117	96011	51.944	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	232656	52.608	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	20540	51.751	ug/l	97

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QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

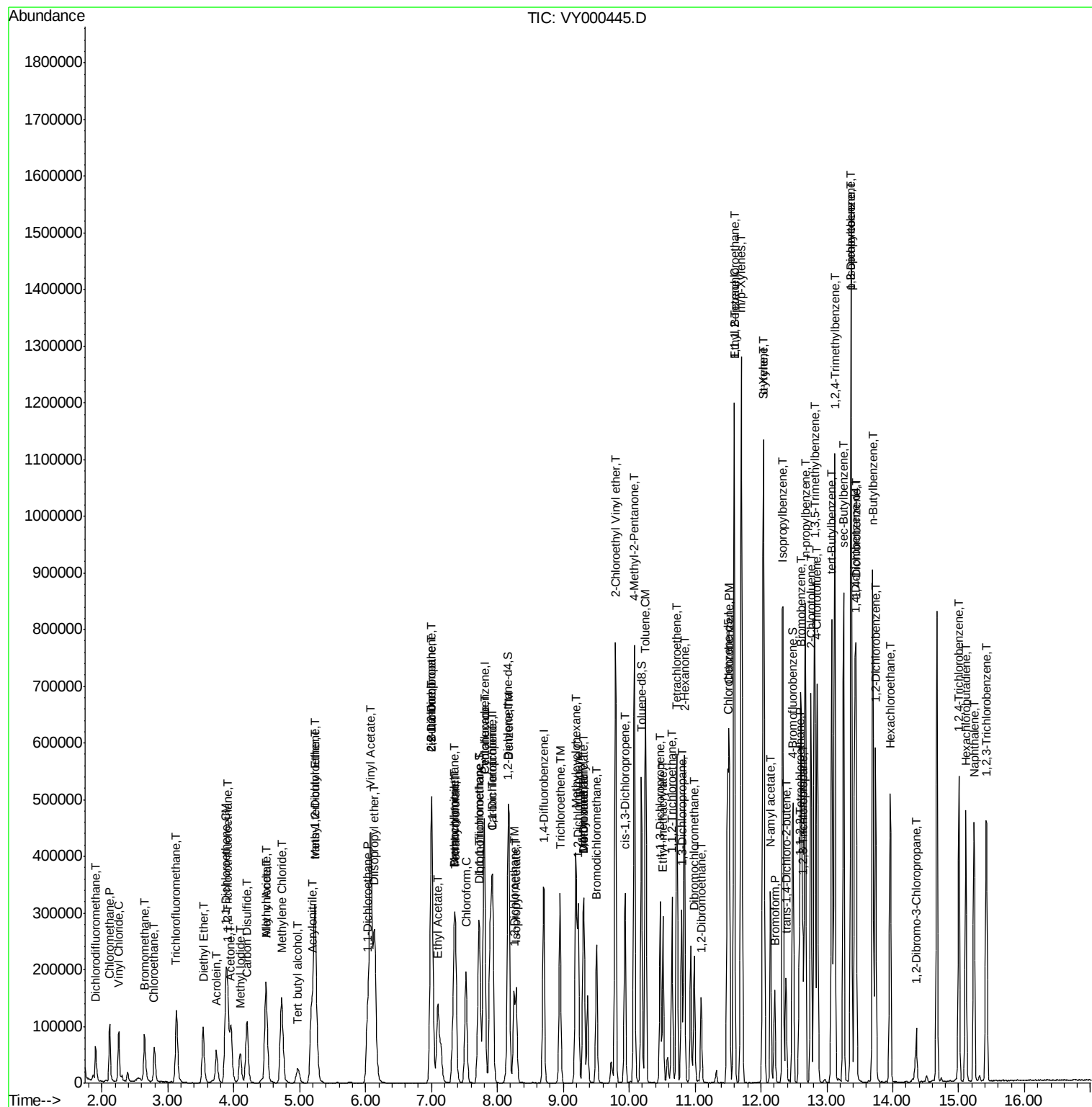
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	151723	49.276	ug/l	99
94) Hexachlorobutadiene	15.11	225	80066	48.051	ug/l	100
95) Naphthalene	15.23	128	364536	53.052	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	145922	52.585	ug/l	97

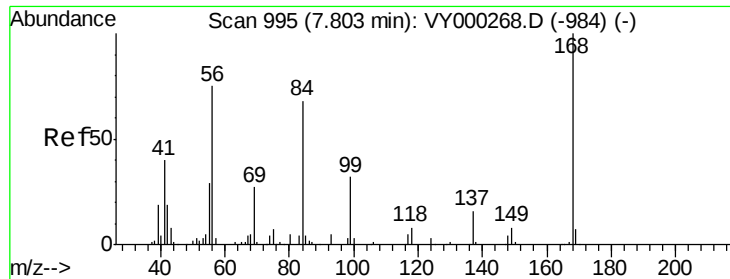
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
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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: VY000445.D

Acq: 25 Oct 2019 21:29

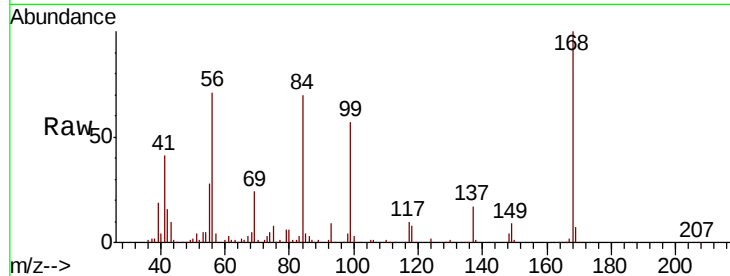
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 174282

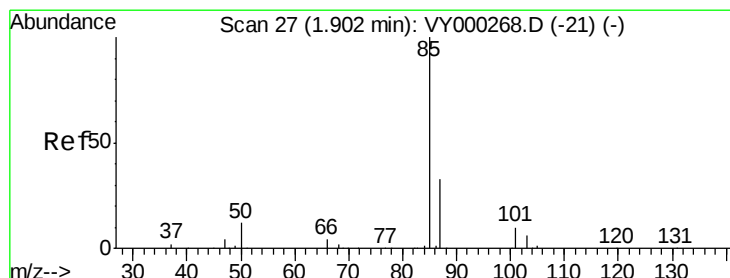
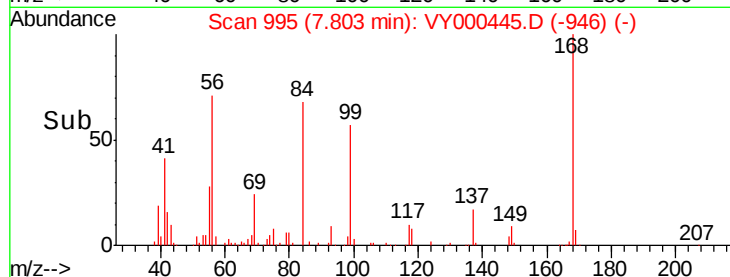
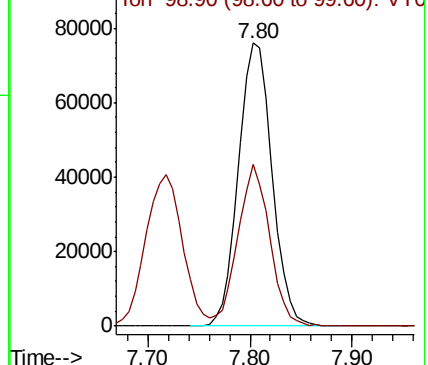
Ion Ratio Lower Upper

168 100

99 57.0 46.6 69.8



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



#2

Dichlorodifluoromethane

Concen: 37.345 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000445.D

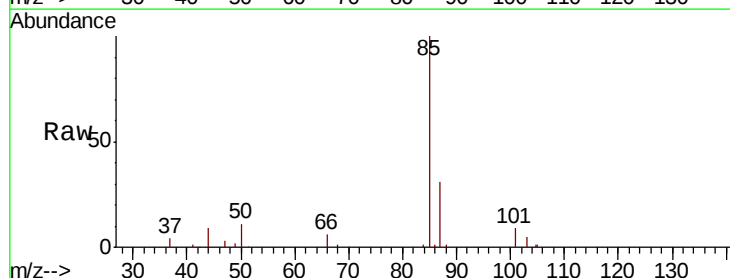
Acq: 25 Oct 2019 21:29

Tgt Ion: 85 Resp: 52928

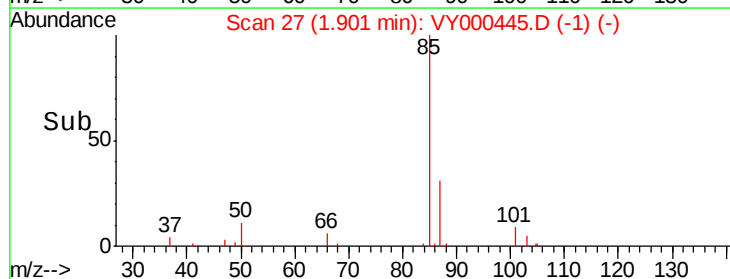
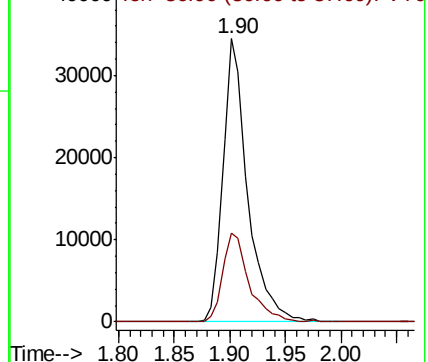
Ion Ratio Lower Upper

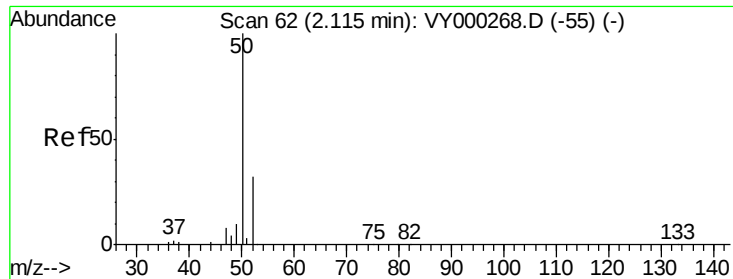
85 100

87 31.3 16.6 49.8



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





#3

Chloromethane

Concen: 47.009 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

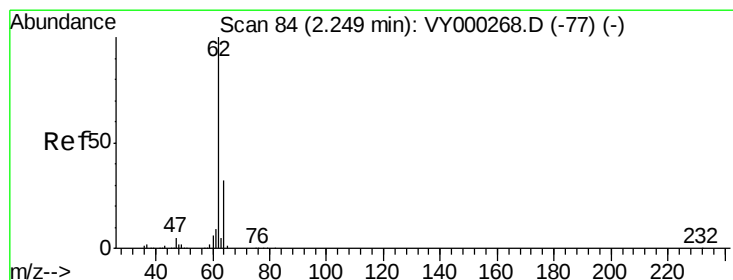
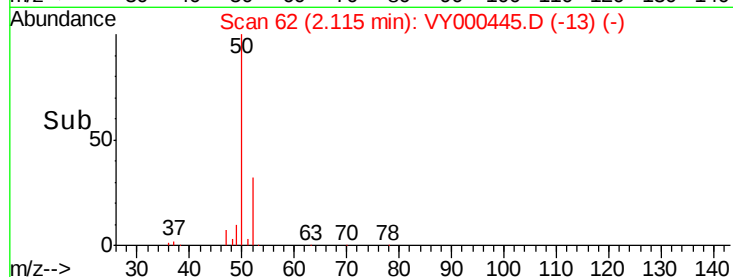
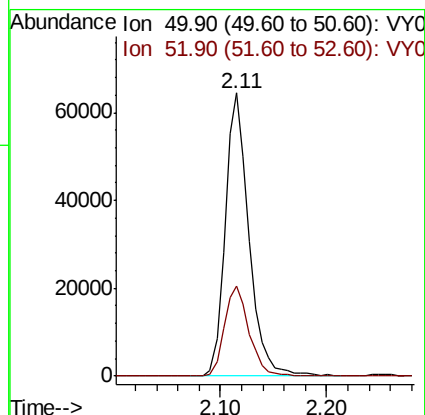
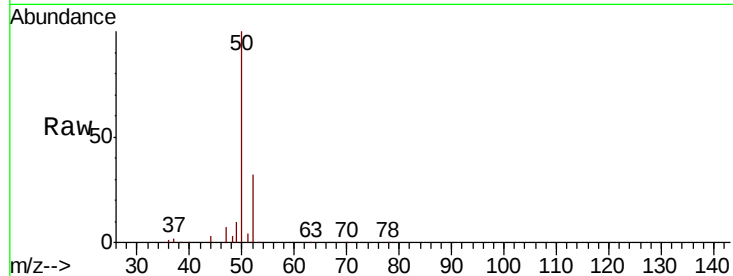
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 100114

Ion Ratio Lower Upper

50 100

52 32.0 25.3 37.9



#4

Vinyl Chloride

Concen: 40.837 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000445.D

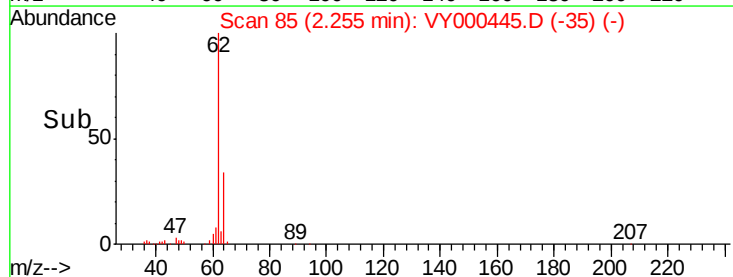
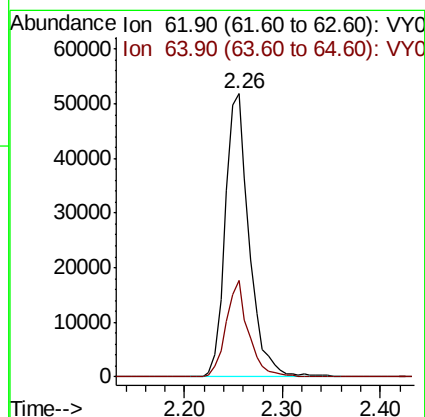
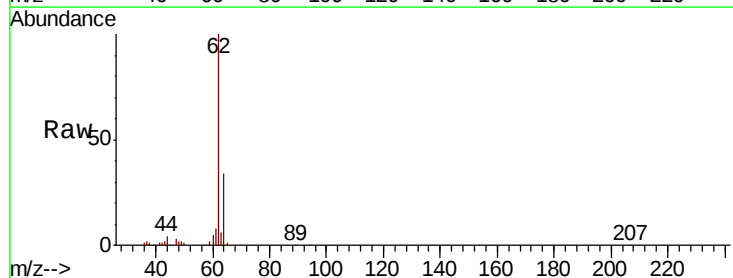
Acq: 25 Oct 2019 21:29

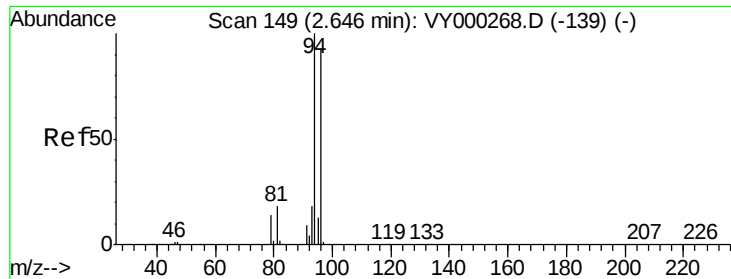
Tgt Ion: 62 Resp: 87771

Ion Ratio Lower Upper

62 100

64 34.0 25.6 38.4





#5

Bromomethane

Concen: 38.597 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

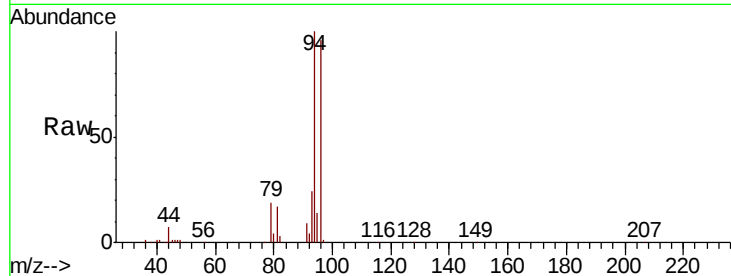
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 61480

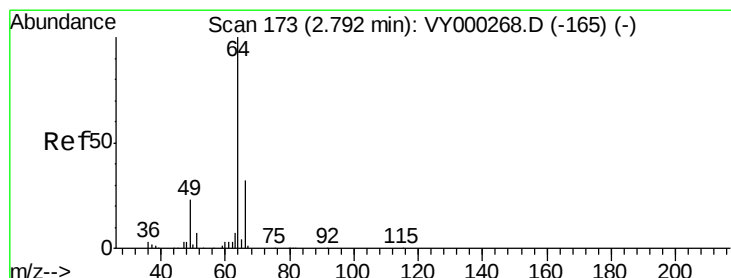
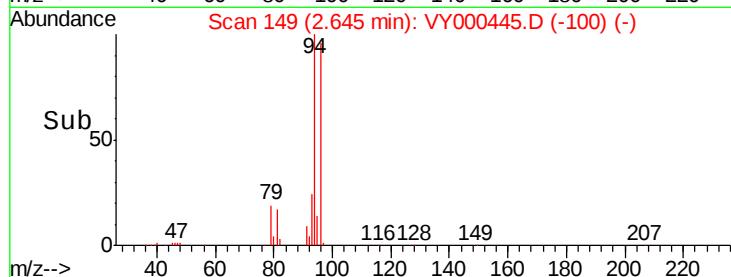
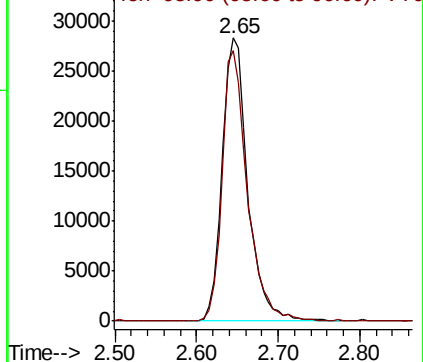
Ion Ratio Lower Upper

94 100

96 95.8 74.2 111.2



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



#6

Chloroethane

Concen: 45.639 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000445.D

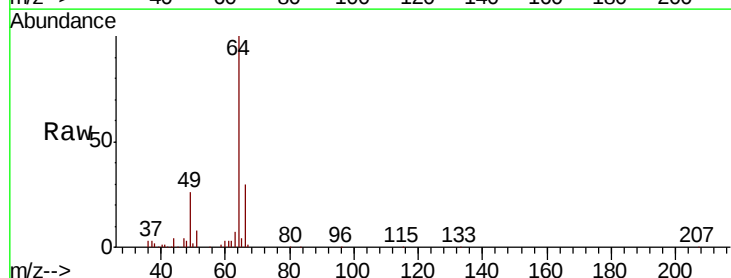
Acq: 25 Oct 2019 21:29

Tgt Ion: 64 Resp: 63292

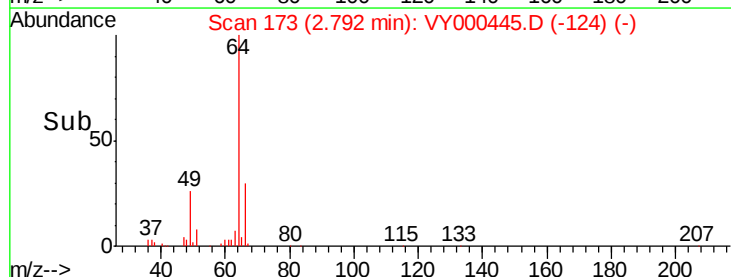
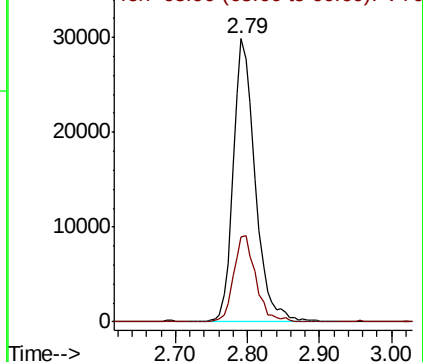
Ion Ratio Lower Upper

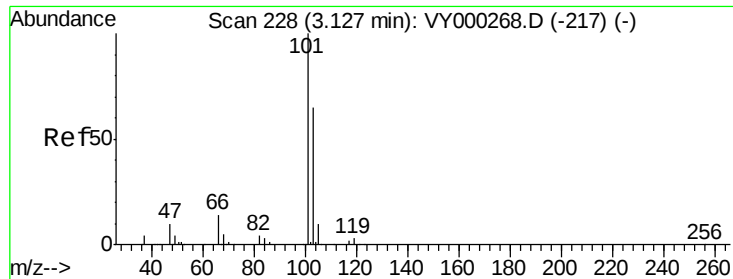
64 100

66 30.1 25.6 38.4



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



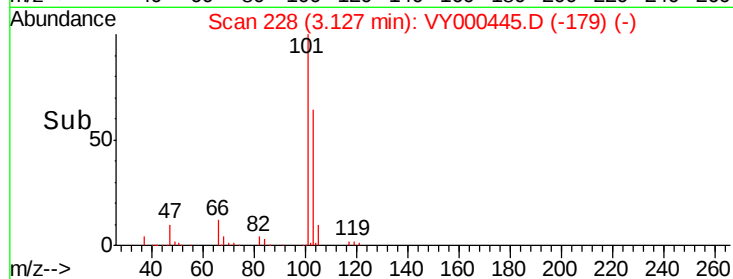
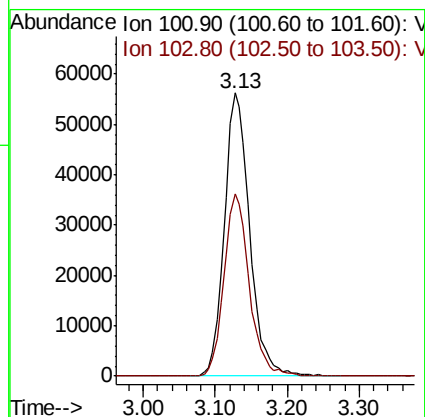
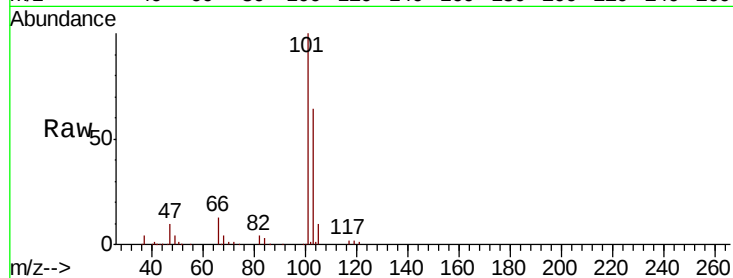


#7

Trichlorofluoromethane
Concen: 46.722 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Instrument :
MSVOA_Y
ClientSampleId :

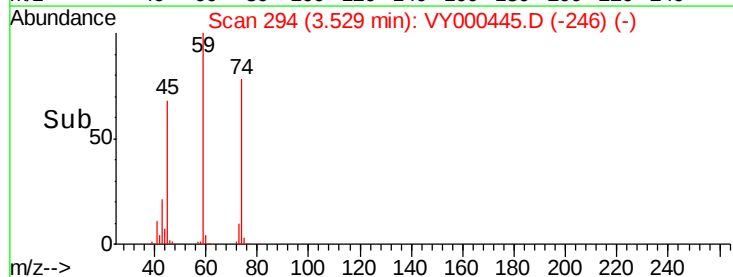
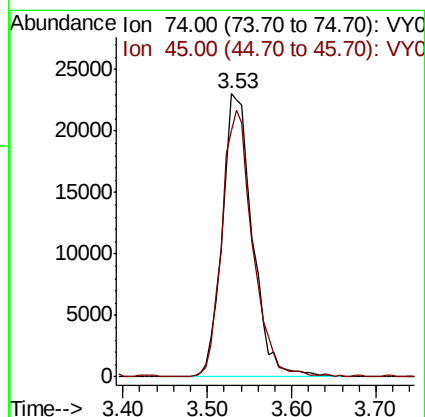
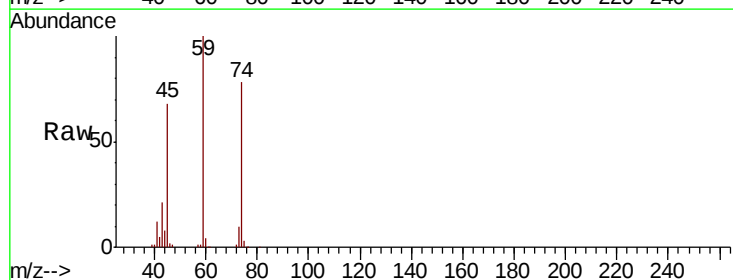
Tot Ion:101 Resp: 137363
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.4

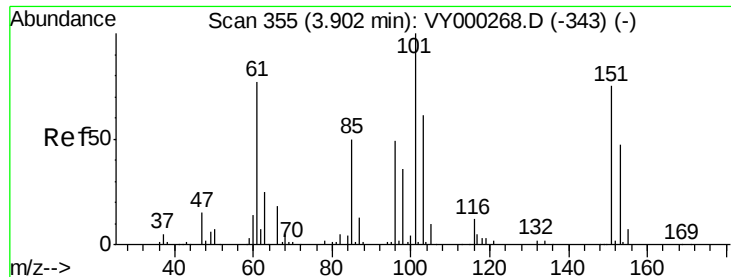


#8

Diethyl Ether
Concen: 54.374 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Tgt Ion: 74 Resp: 56474
Ion Ratio Lower Upper
74 100
45 95.9 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.917 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.01 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

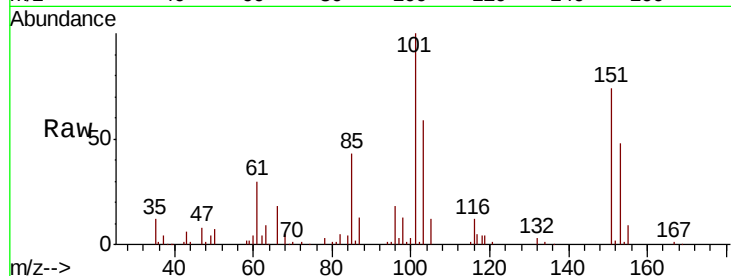
Tot Ion:101 Resp: 85436

Ion Ratio Lower Upper

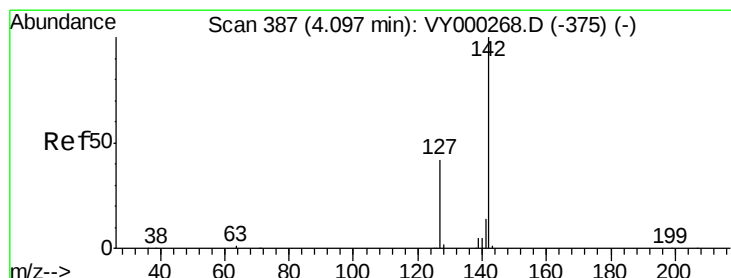
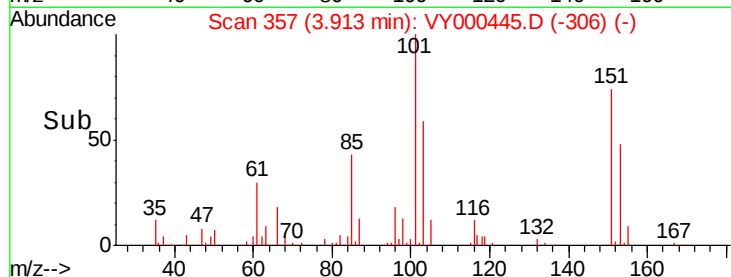
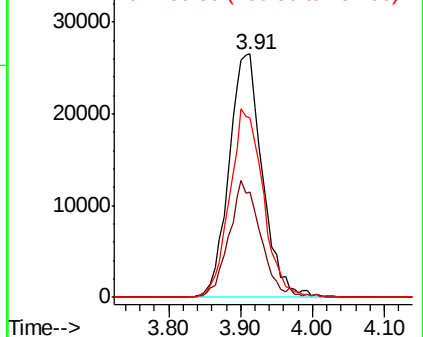
101 100

85 45.1 36.6 55.0

151 77.6 63.1 94.7



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 35.257 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

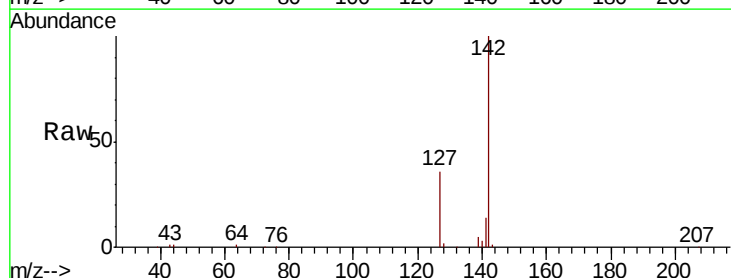
Tgt Ion:142 Resp: 88630

Ion Ratio Lower Upper

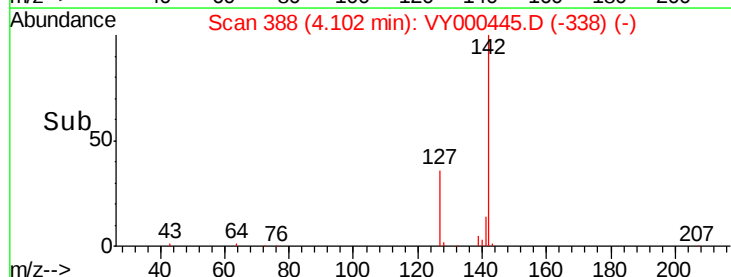
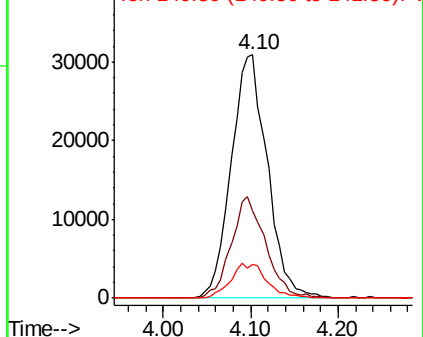
142 100

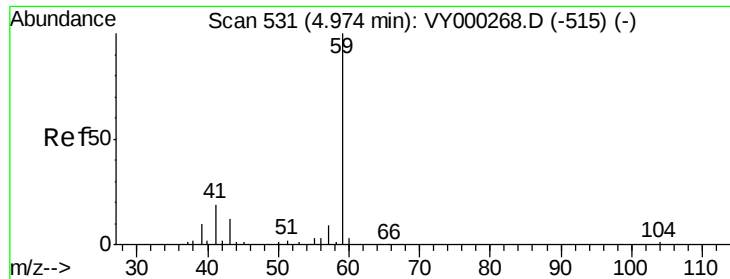
127 39.9 33.9 50.9

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



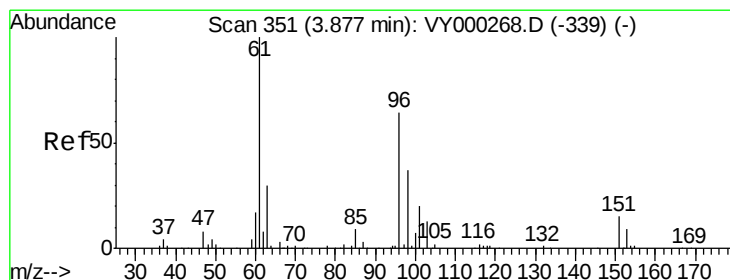
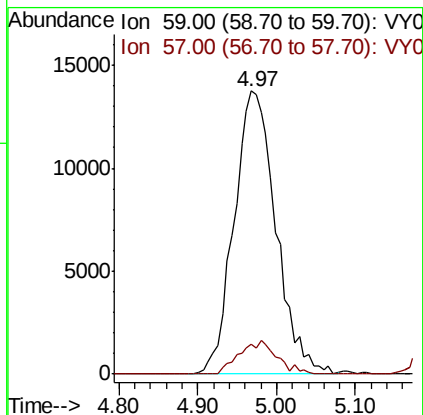
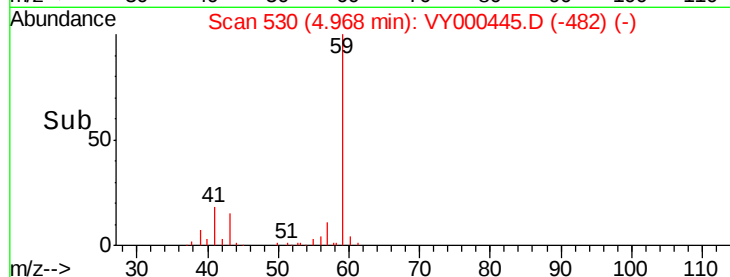
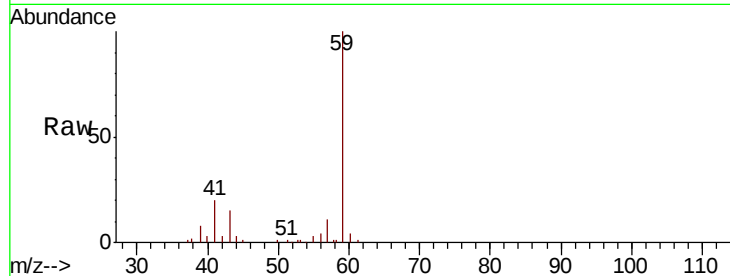


#11

Tert butyl alcohol
 Concen: 264.052 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

Instrument :
 MSVOA_Y
 ClientSampleId :

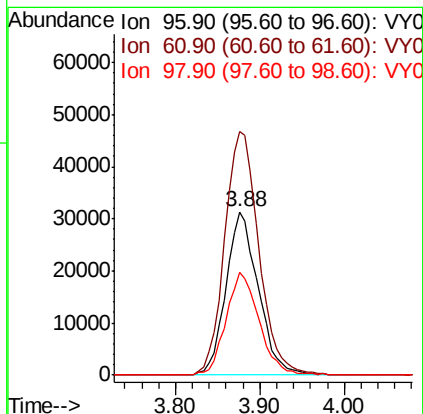
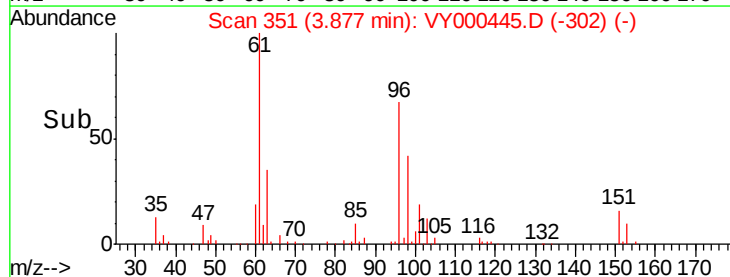
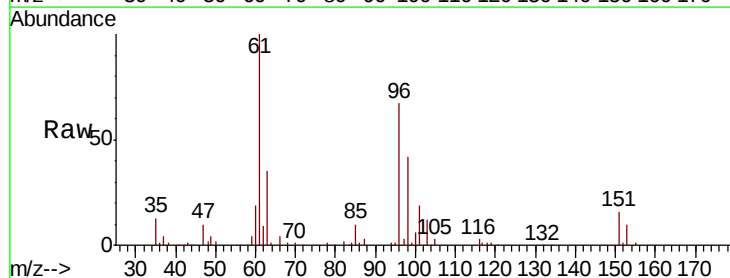
Tot Ion: 59 Resp: 50801
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.2

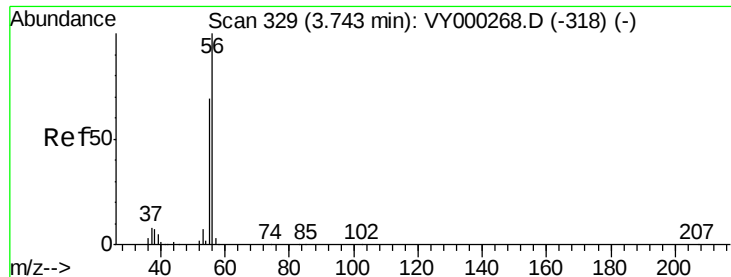


#12

1,1-Dichloroethene
 Concen: 46.452 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

Tgt Ion: 96 Resp: 81765
 Ion Ratio Lower Upper
 96 100
 61 149.2 125.8 188.6
 98 62.8 46.2 69.2





#13

Acrolein

Concen: 309.557 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :

MSVOA_Y

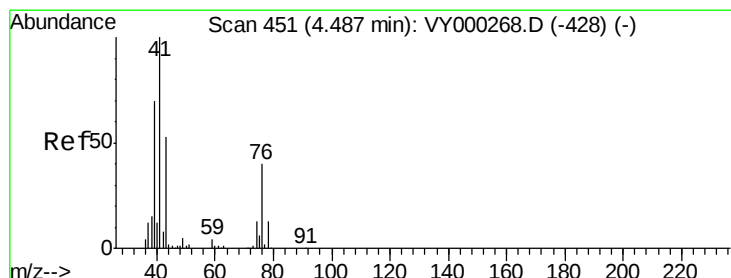
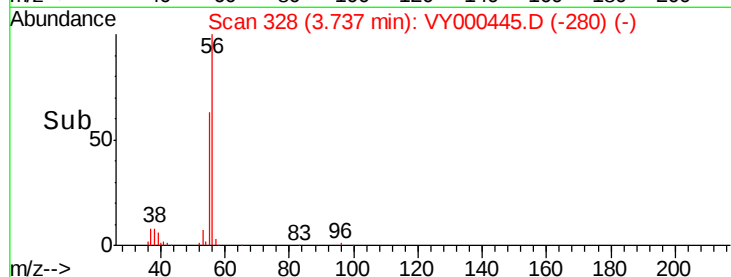
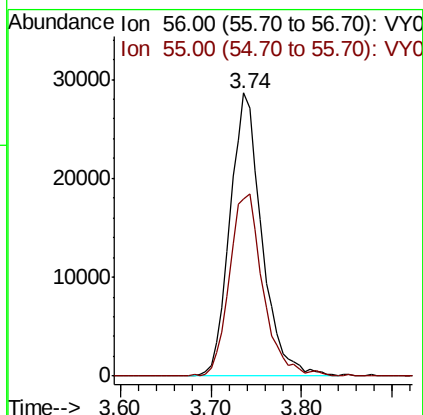
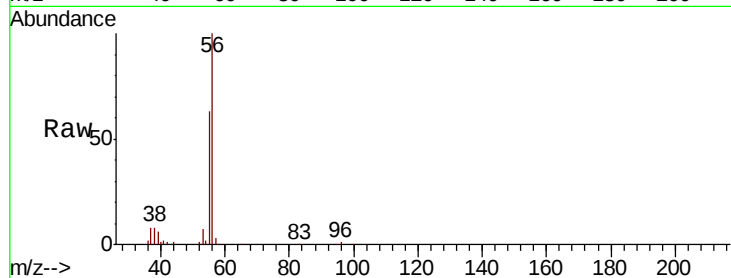
ClientSampleId :

Tot Ion: 56 Resp: 69823

Ion Ratio Lower Upper

56 100

55 67.8 55.7 83.5



#14

Allyl chloride

Concen: 50.629 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

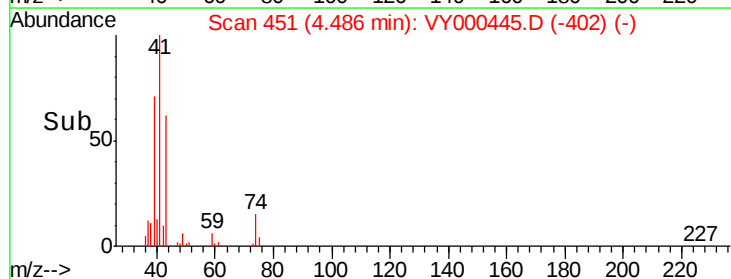
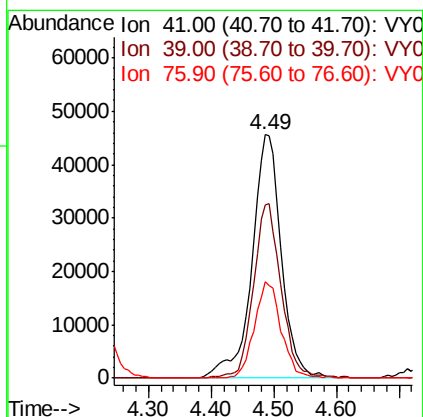
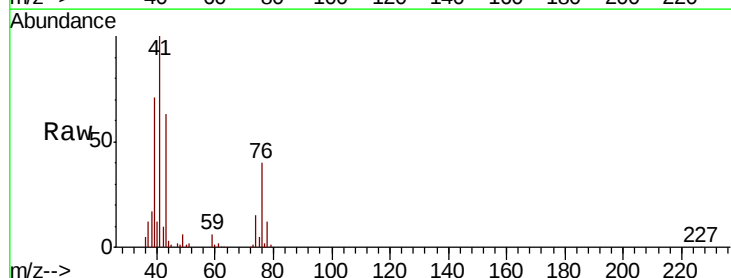
Tgt Ion: 41 Resp: 147684

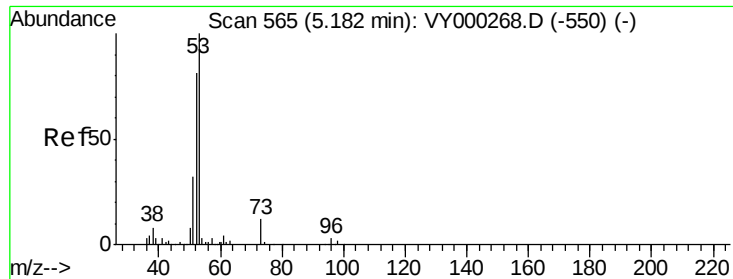
Ion Ratio Lower Upper

41 100

39 67.6 54.0 81.0

76 36.0 30.7 46.1





#15

Acrylonitrile

Concen: 289.672 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :
MSVOA_Y
ClientSampleId :

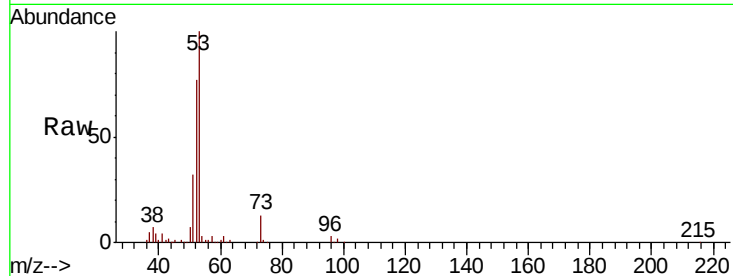
Tot Ion: 53 Resp: 168396

Ion Ratio Lower Upper

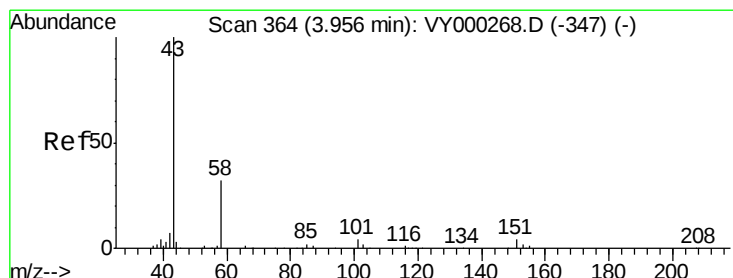
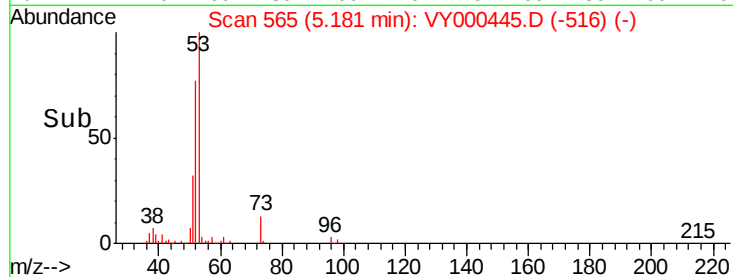
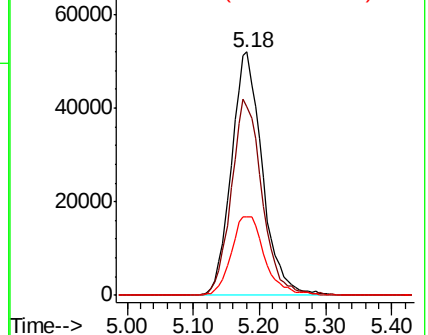
53 100

52 79.7 62.9 94.3

51 35.1 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: 250.945 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000445.D

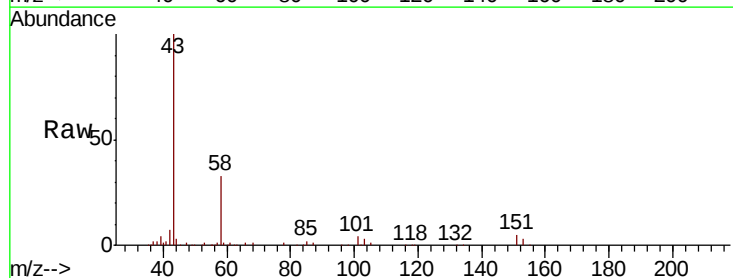
Acq: 25 Oct 2019 21:29

Tgt Ion: 43 Resp: 149401

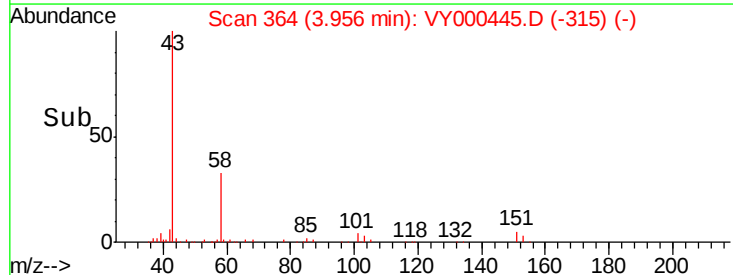
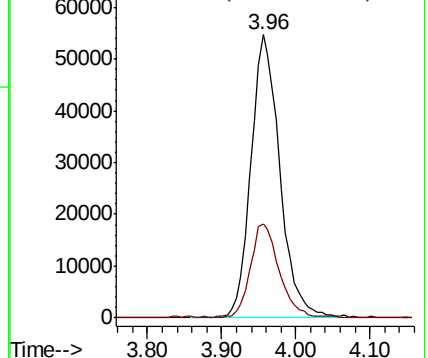
Ion Ratio Lower Upper

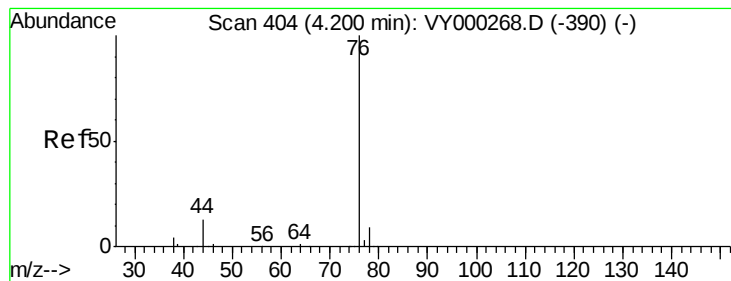
43 100

58 33.3 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: 39.524 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :

MSVOA_Y

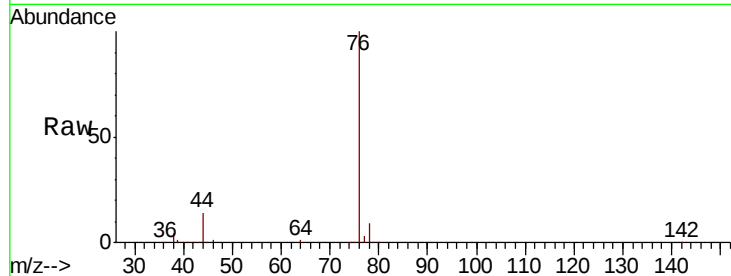
ClientSampleId :

Tot Ion: 76 Resp: 219042

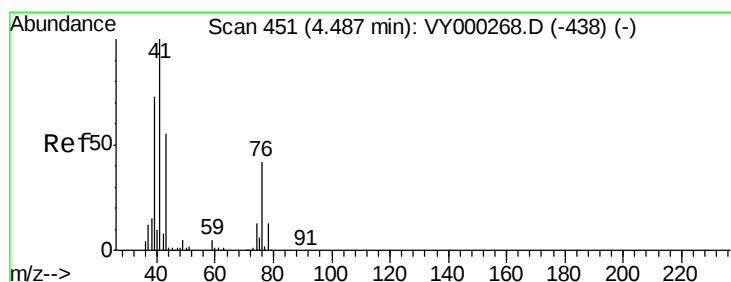
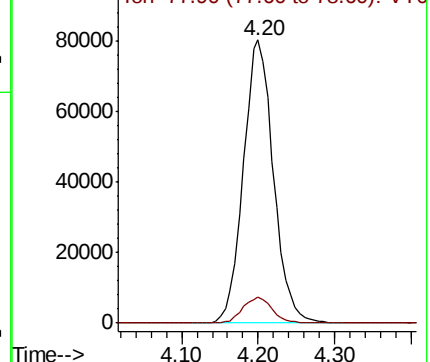
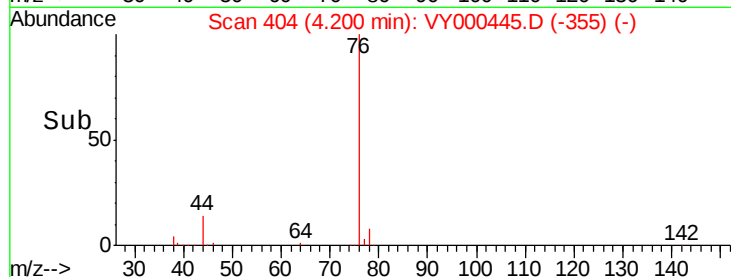
Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VY000445.D (-355) (-)



#18

Methyl Acetate

Concen: 58.911 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000445.D

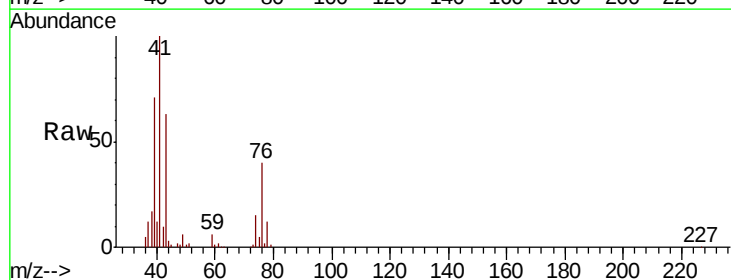
Acq: 25 Oct 2019 21:29

Tgt Ion: 43 Resp: 87143

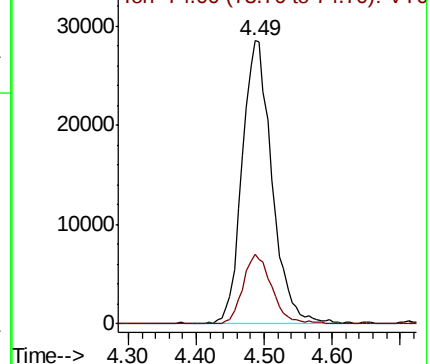
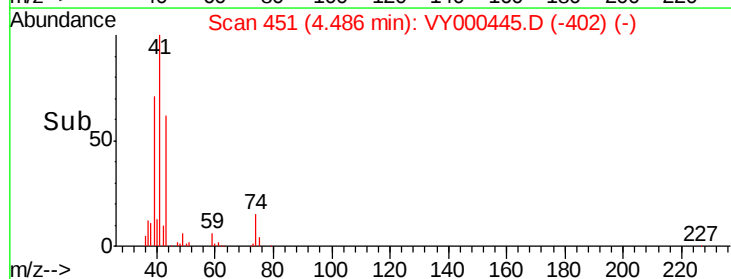
Ion Ratio Lower Upper

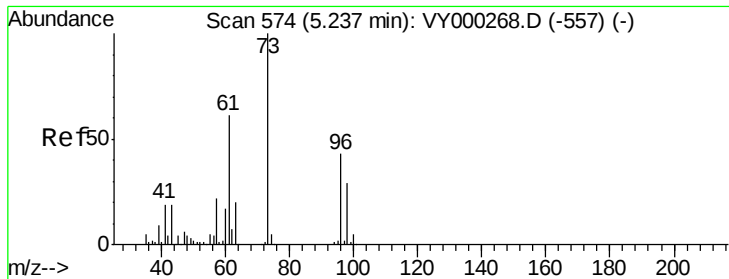
43 100

74 23.7 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VY000445.D (-402) (-)

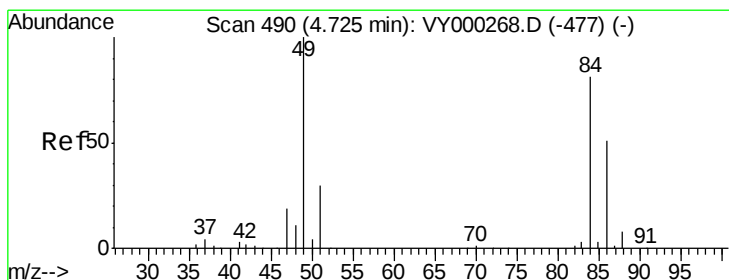
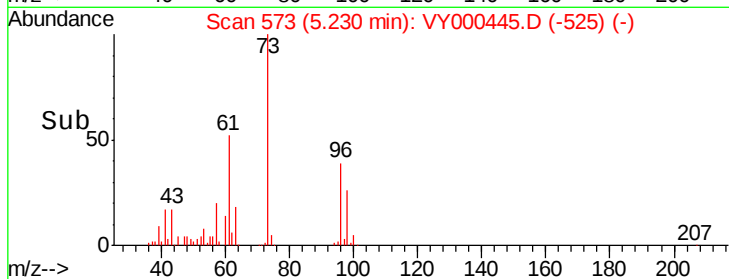
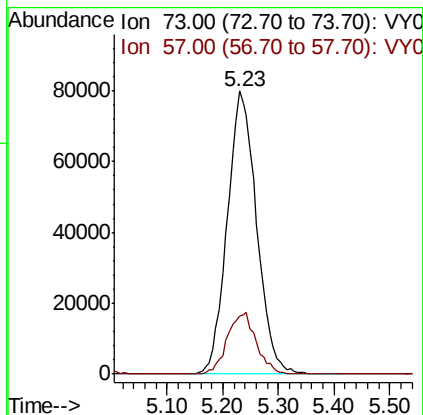
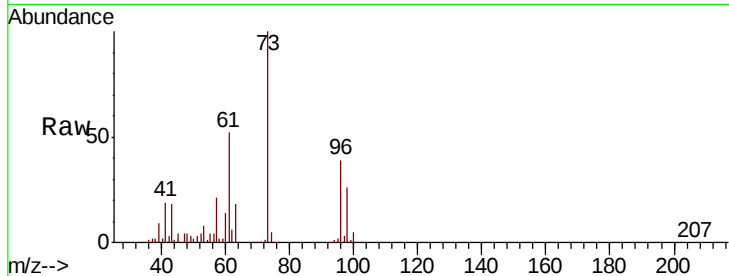




#19
Methyl tert-butyl Ether
Concen: 59.531 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

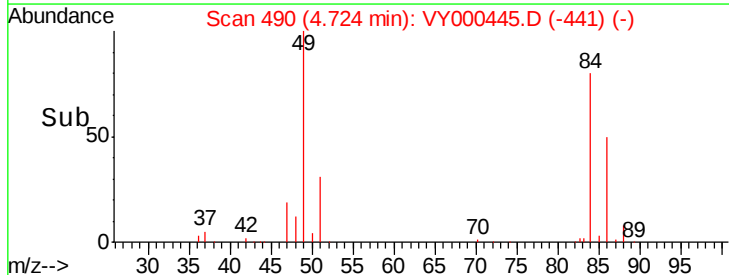
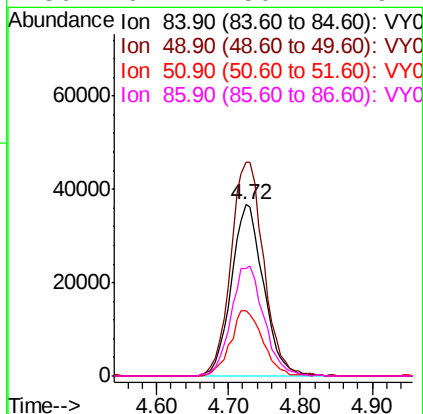
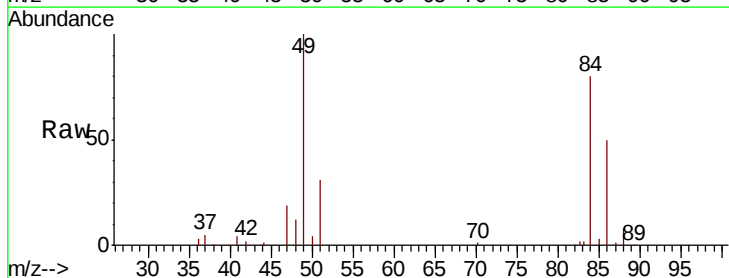
Instrument :
MSVOA_Y
ClientSampleId :

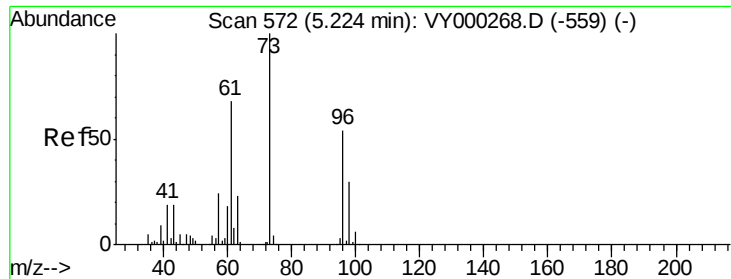
Tot Ion: 73 Resp: 291701
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.0



#20
Methylene Chloride
Concen: 57.542 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Tgt Ion: 84 Resp: 113781
Ion Ratio Lower Upper
84 100
49 124.6 99.0 148.4
51 38.1 29.3 43.9
86 62.4 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 49.386 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :
MSVOA_Y
ClientSampled :

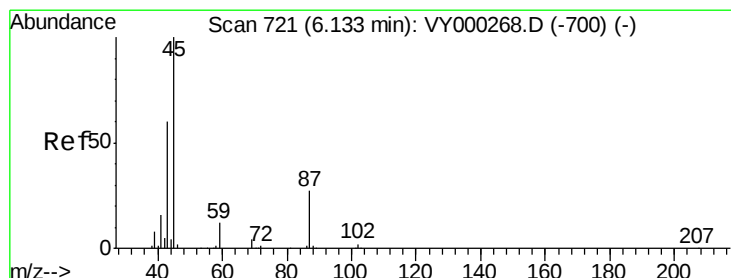
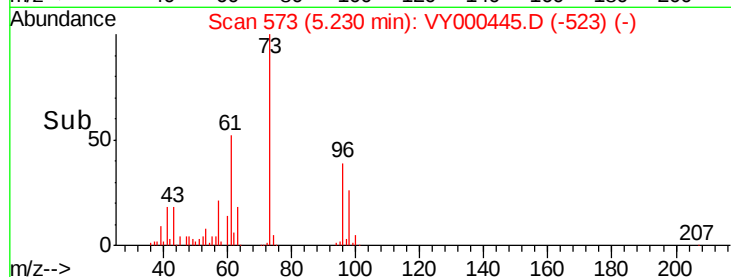
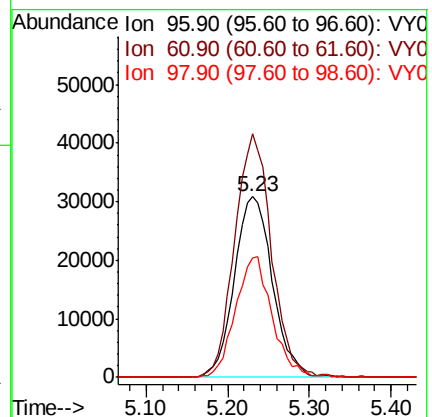
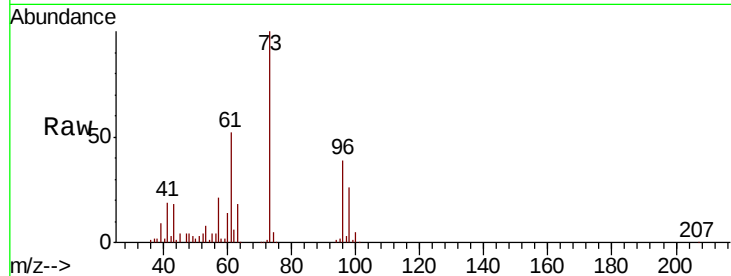
Tot Ion: 96 Resp: 99733

Ion Ratio Lower Upper

96 100

61 134.9 100.4 150.6

98 66.2 44.6 66.8



#22

Diisopropyl ether

Concen: 58.479 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Tgt Ion: 45 Resp: 360783

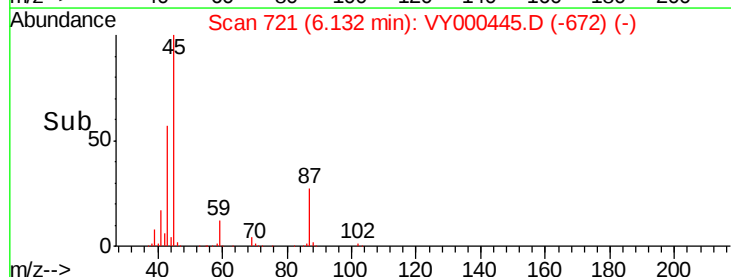
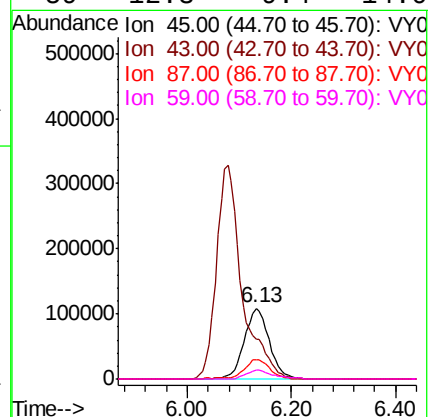
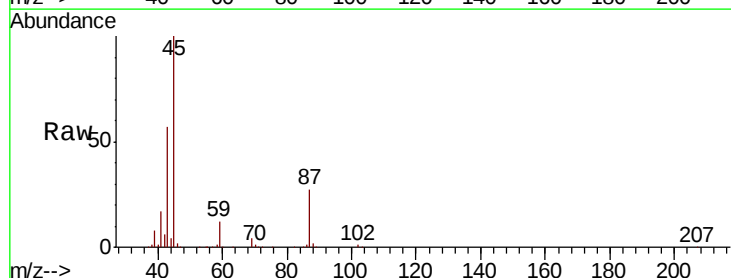
Ion Ratio Lower Upper

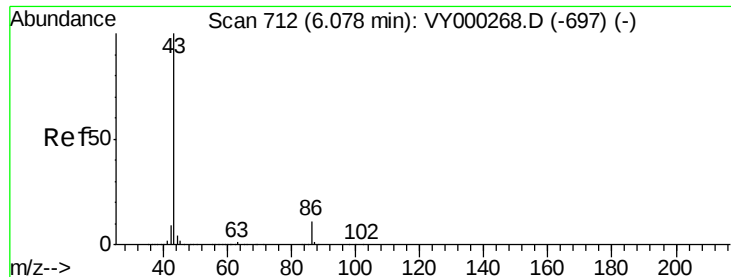
45 100

43 56.6 48.5 72.7

87 27.2 21.5 32.3

59 12.3 9.4 14.0





#23

Vinyl Acetate

Concen: 278.932 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

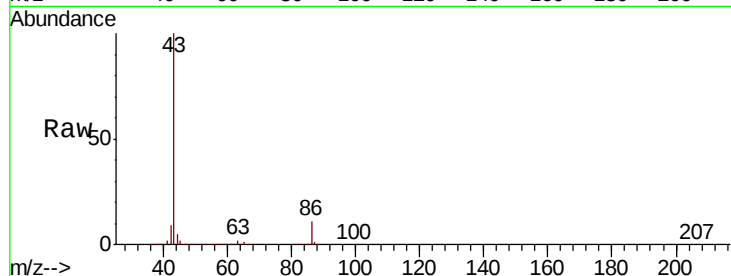
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 1122668

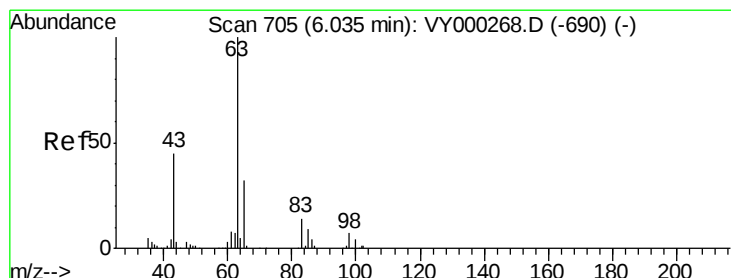
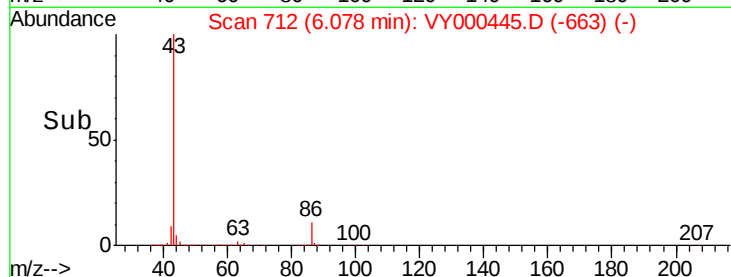
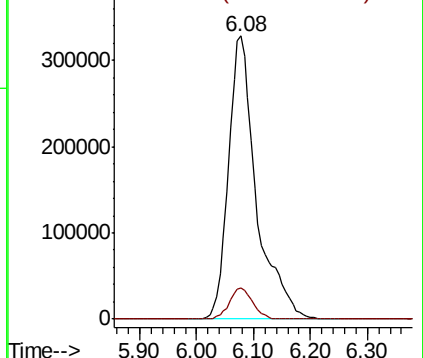
Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 54.296 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

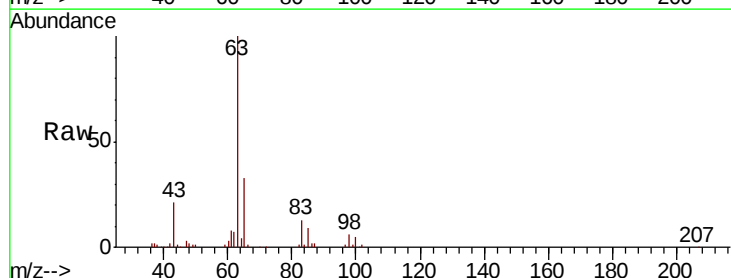
Tgt Ion: 63 Resp: 182845

Ion Ratio Lower Upper

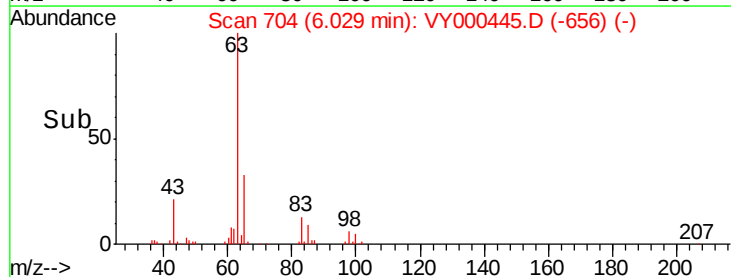
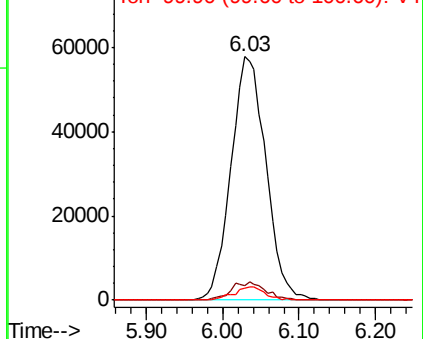
63 100

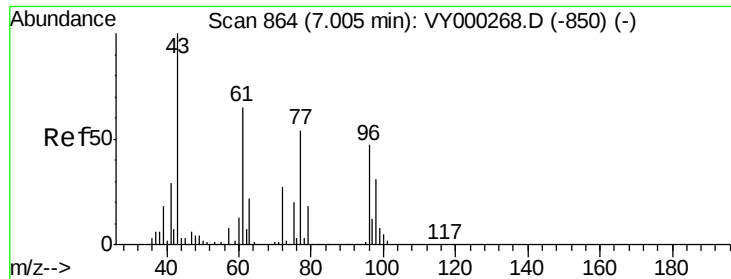
98 6.2 3.5 10.4

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: 275.552 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

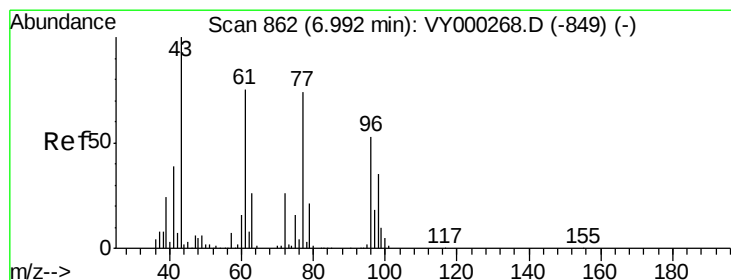
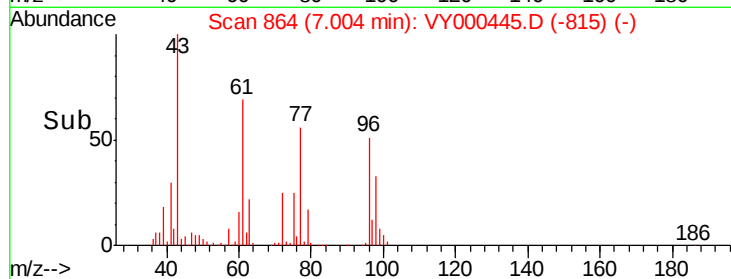
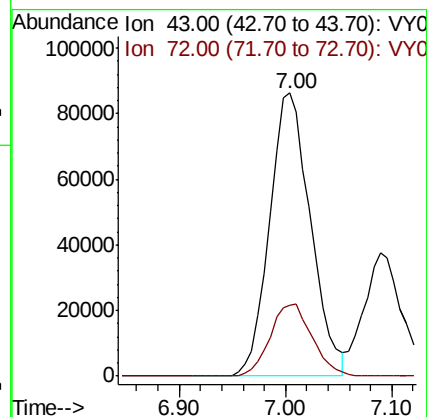
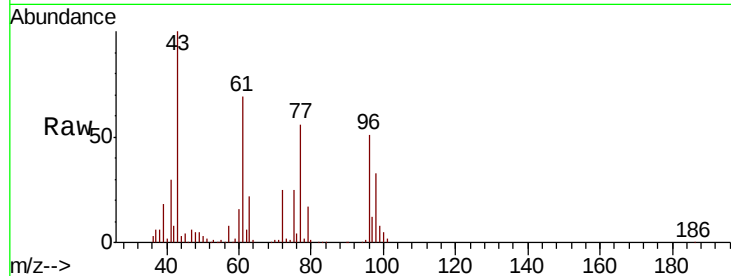
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 231095

Ion Ratio Lower Upper

43 100

72 25.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 48.270 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000445.D

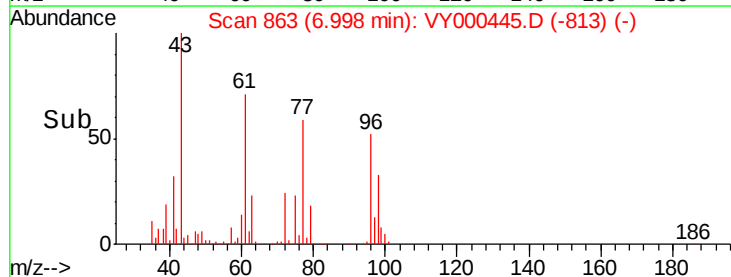
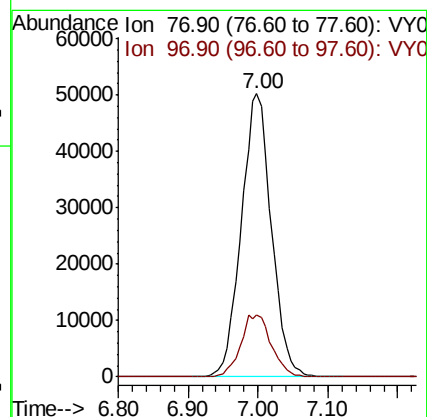
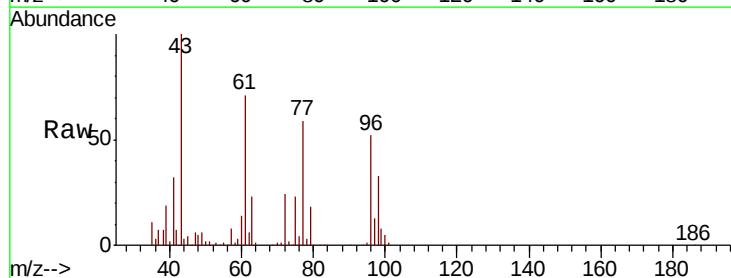
Acq: 25 Oct 2019 21:29

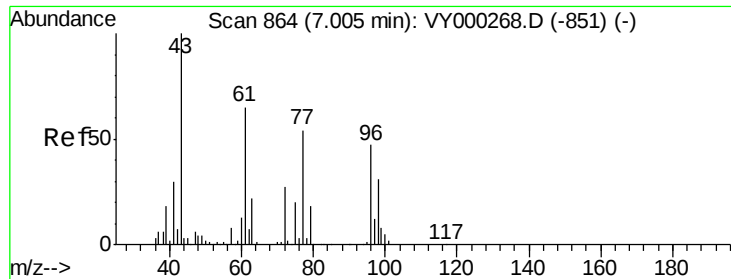
Tgt Ion: 77 Resp: 149785

Ion Ratio Lower Upper

77 100

97 22.3 11.6 34.7



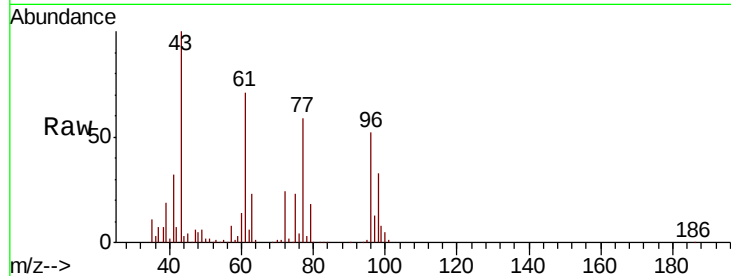


#27

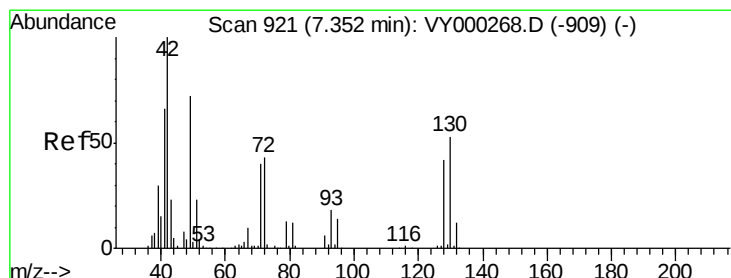
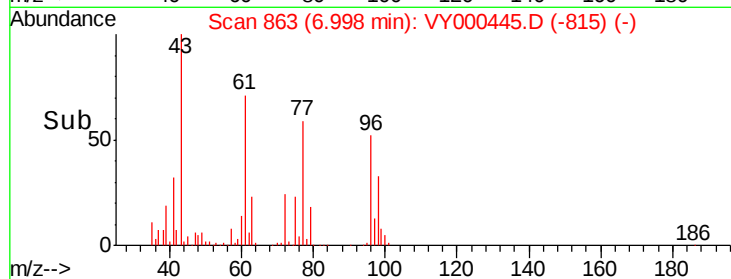
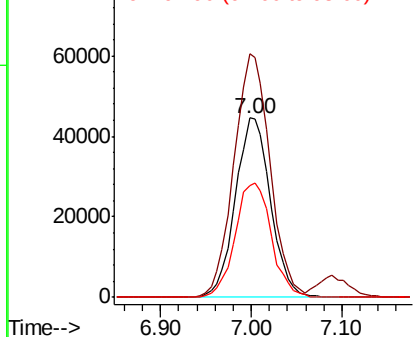
cis-1,2-Dichloroethene
 Concen: 55.227 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 120683
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 289.8
 98 65.6 0.0 131.8



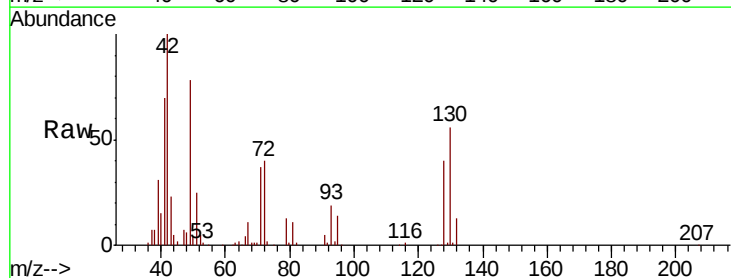
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



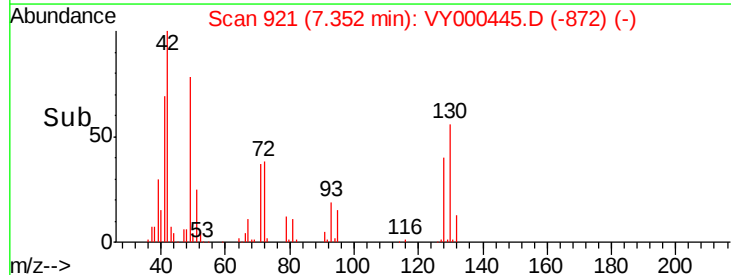
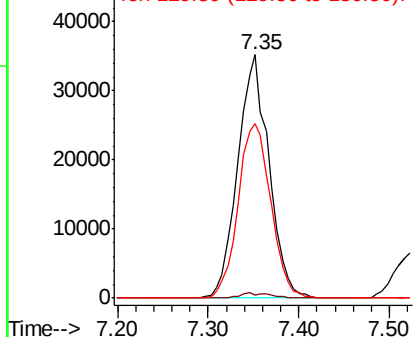
#28

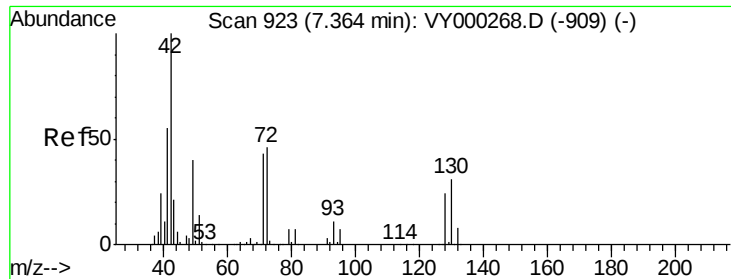
Bromochloromethane
 Concen: 58.395 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

Tgt Ion: 49 Resp: 84418
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 75.0 58.2 87.2



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

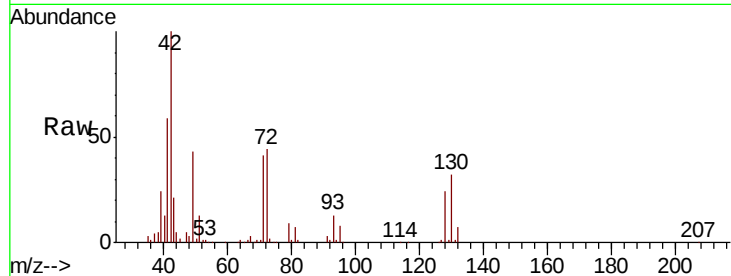




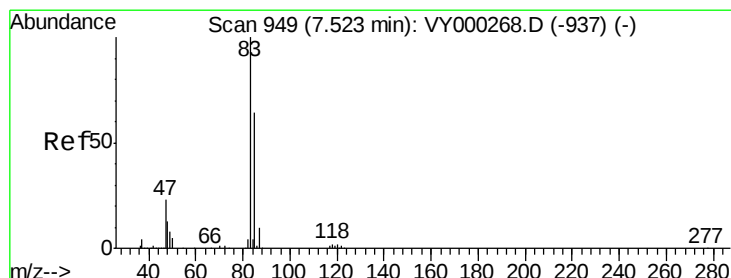
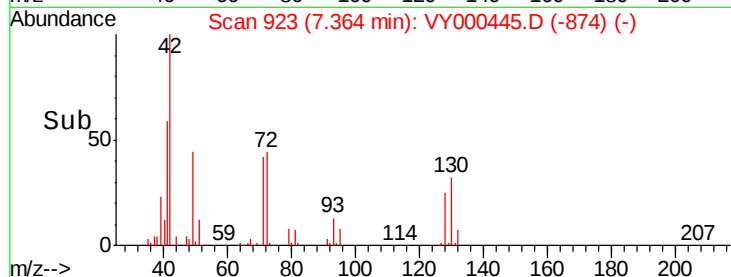
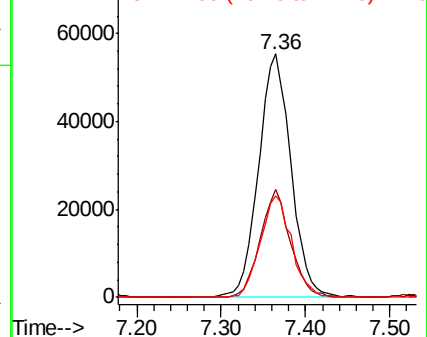
#29
Tetrahydrofuran
Concen: 288.491 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 146629
Ion Ratio Lower Upper
42 100
72 41.3 34.5 51.7
71 40.2 32.7 49.1

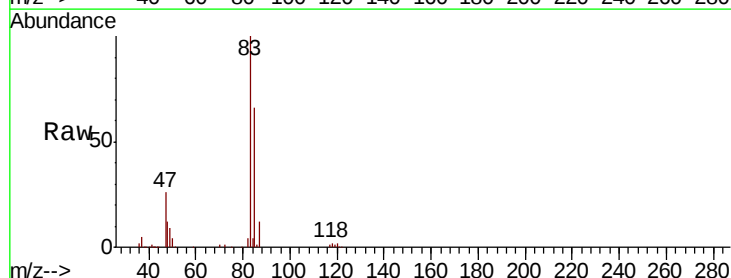


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

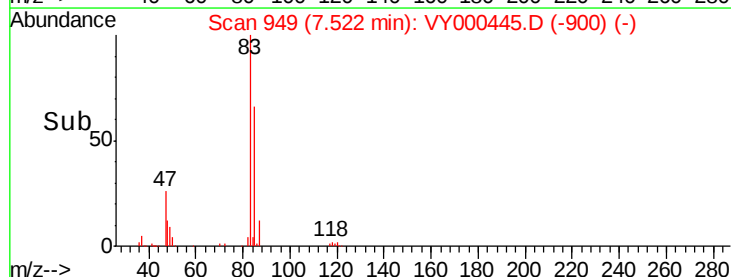
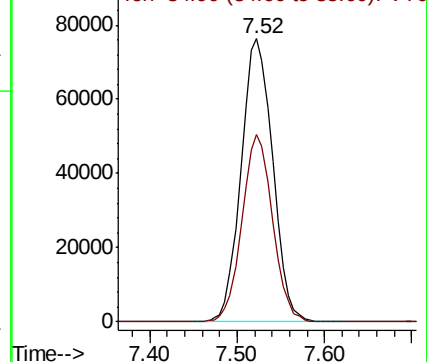


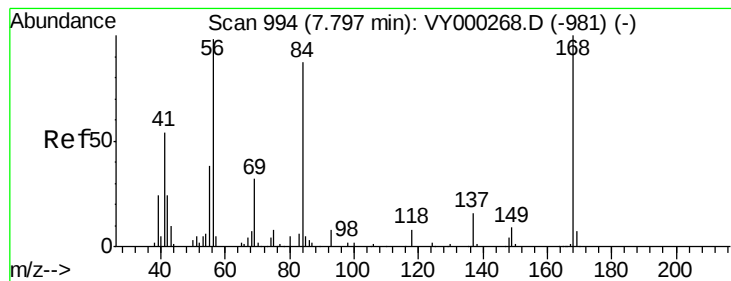
#30
Chloroform
Concen: 56.514 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Tgt Ion: 83 Resp: 191659
Ion Ratio Lower Upper
83 100
85 66.0 51.4 77.2



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





#31

Cyclohexane

Concen: 42.986 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :
MSVOA_Y
ClientSampleId :

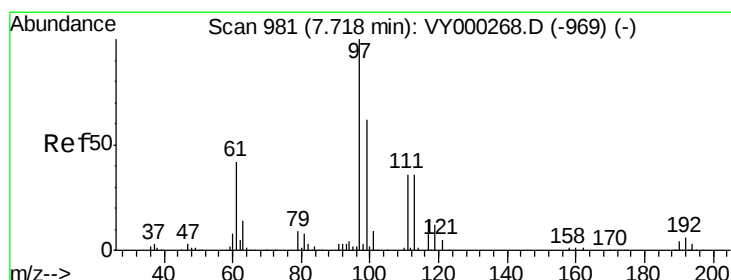
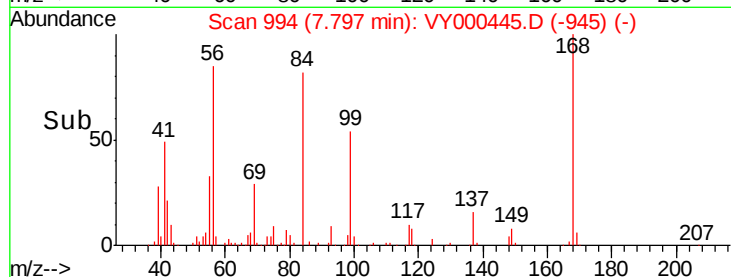
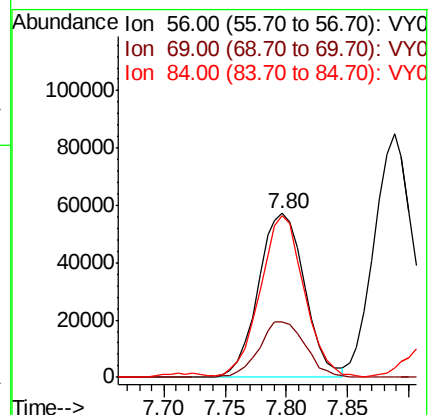
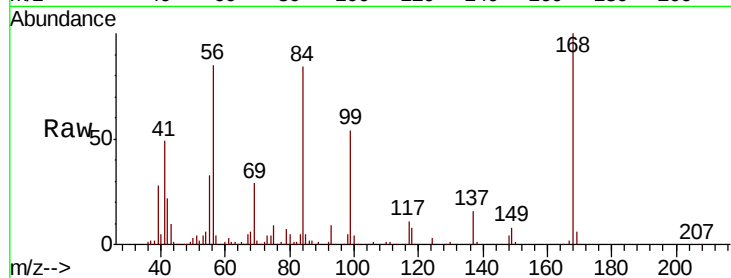
Tot Ion: 56 Resp: 151189

Ion Ratio Lower Upper

56 100

69 33.6 26.3 39.5

84 96.1 70.8 106.2



#32

1,1,1-Trichloroethane

Concen: 53.743 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

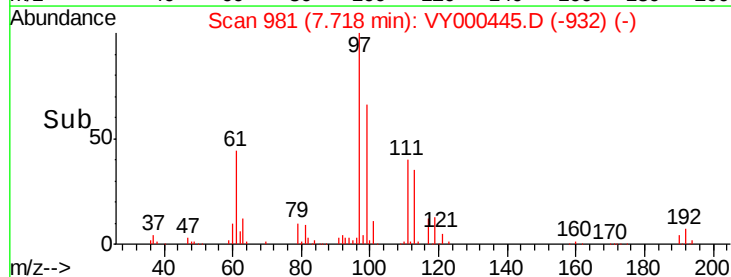
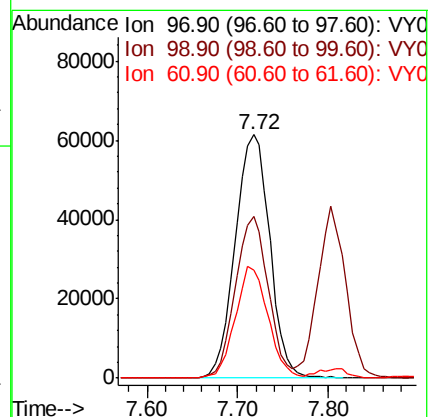
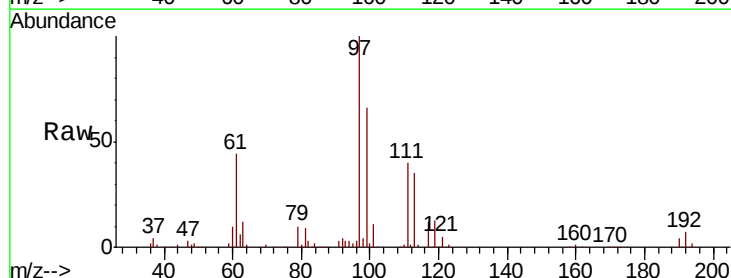
Tgt Ion: 97 Resp: 162036

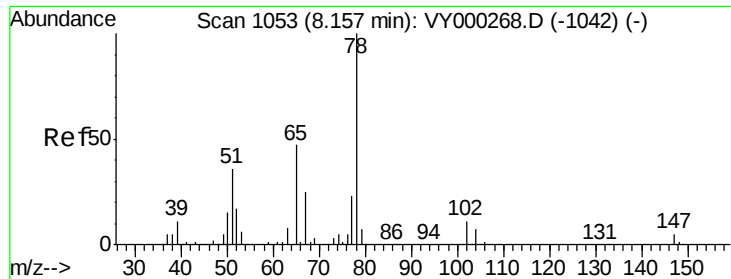
Ion Ratio Lower Upper

97 100

99 63.3 51.7 77.5

61 43.6 34.5 51.7

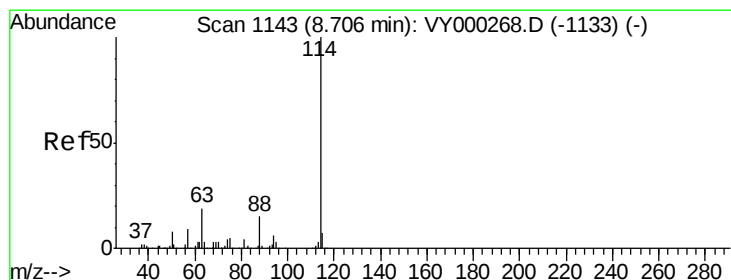
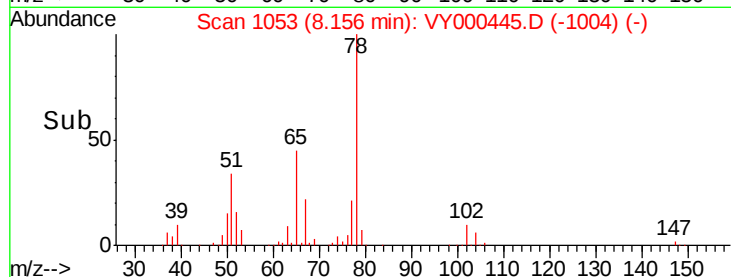
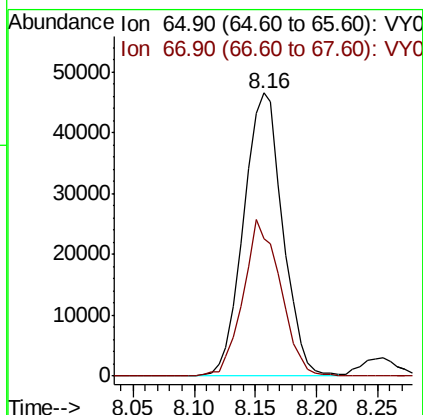
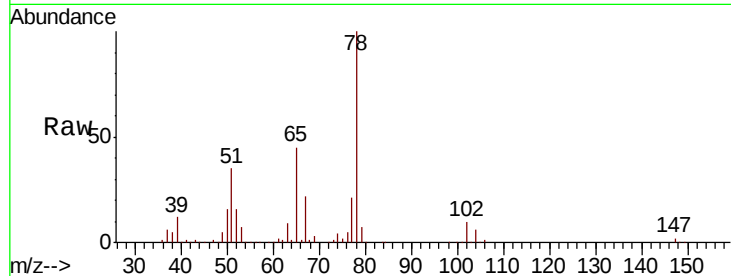




#33
 1,2-Dichloroethane-d4
 Concen: 56.225 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

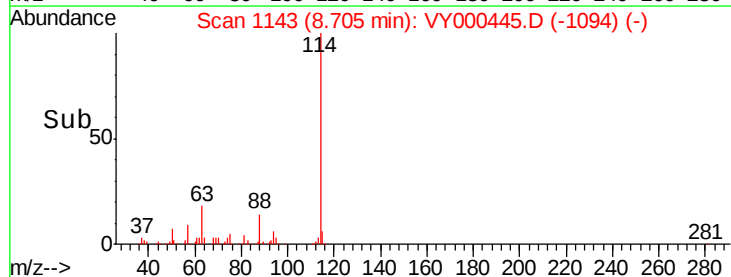
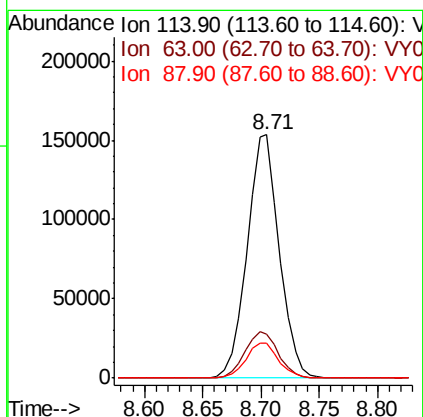
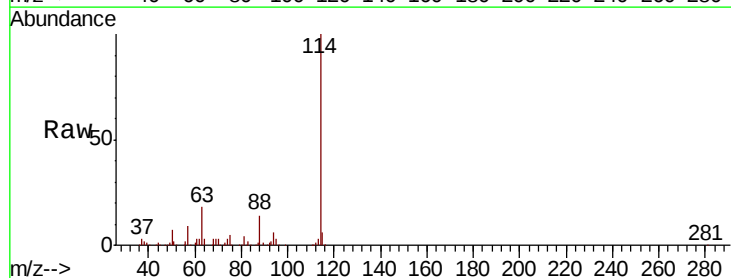
Instrument :
 MSVOA_Y
 ClientSampleId :

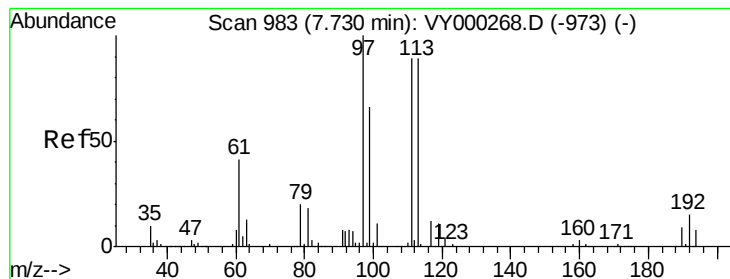
Tot Ion: 65 Resp: 103364
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

Tgt Ion: 114 Resp: 294005
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 37.2
 88 14.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.353 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :
MSVOA_Y
ClientSampled :

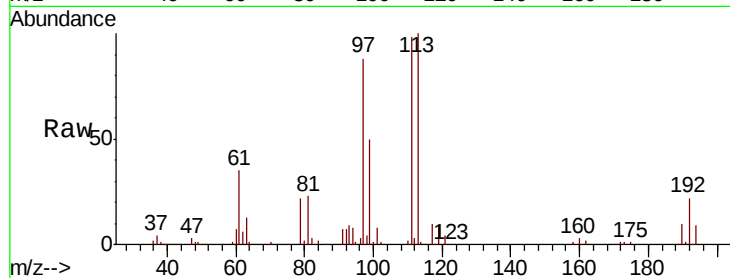
Tot Ion:113 Resp: 92847

Ion Ratio Lower Upper

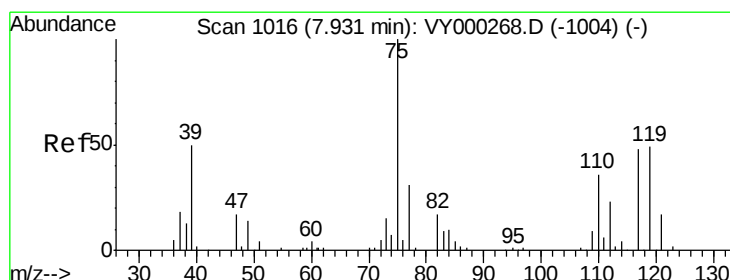
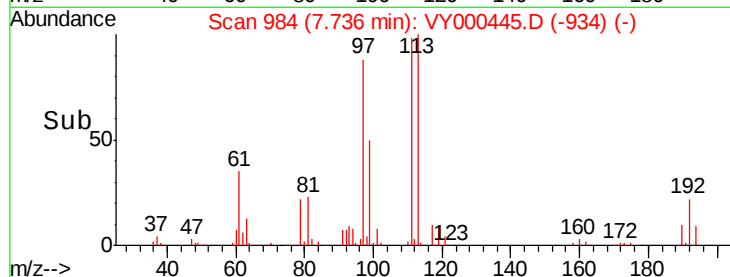
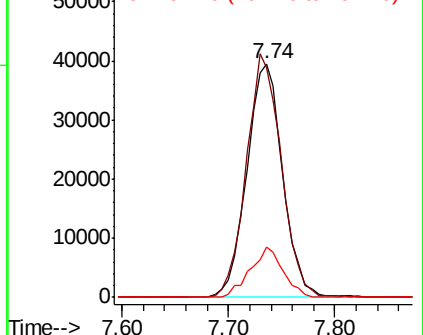
113 100

111 101.8 81.6 122.4

192 19.9 15.3 22.9



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



#36

1,1-Dichloropropene

Concen: 47.273 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

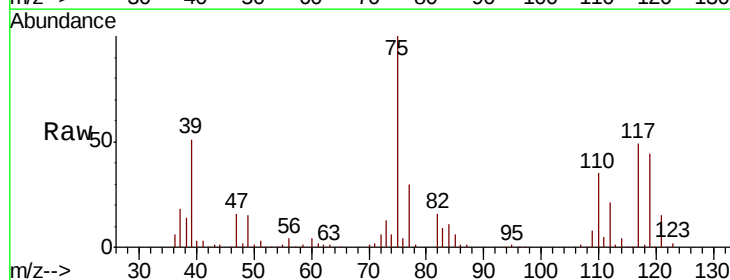
Tgt Ion: 75 Resp: 136076

Ion Ratio Lower Upper

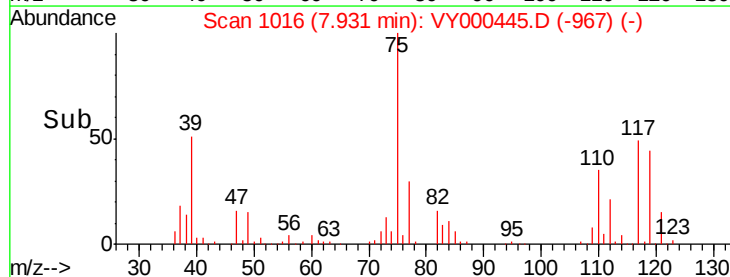
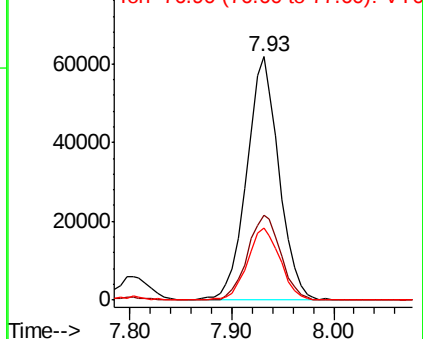
75 100

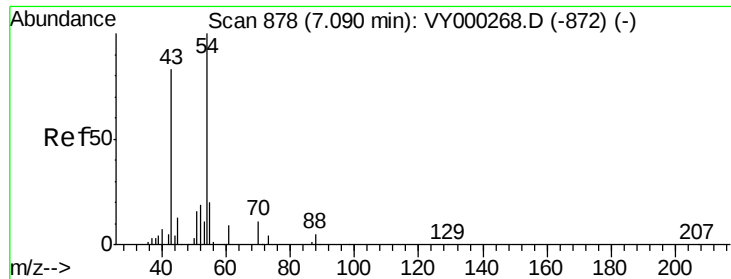
110 35.8 18.4 55.4

77 30.1 25.0 37.6



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

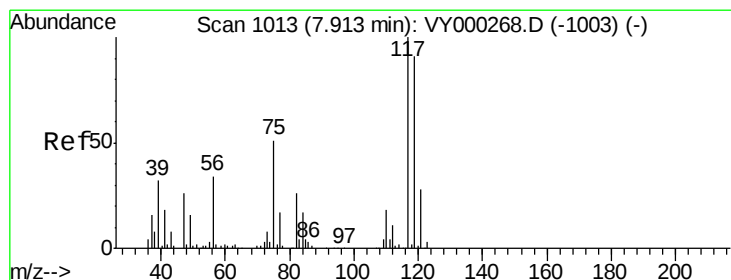
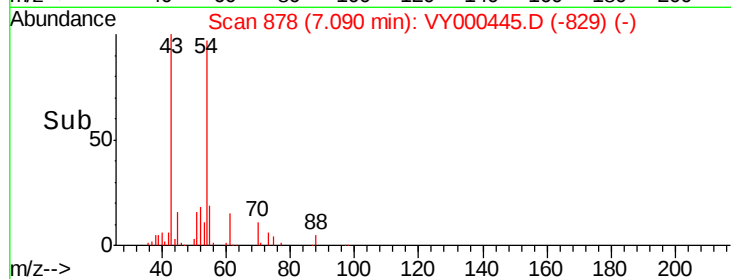
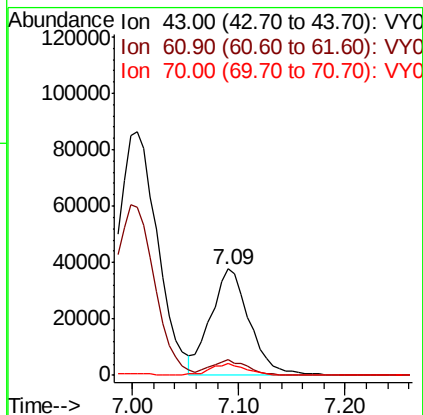
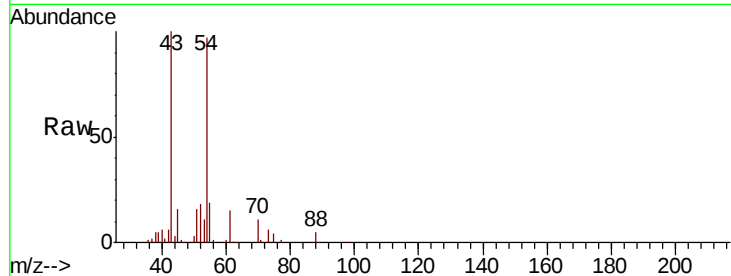




#37
Ethyl Acetate
Concen: 56.008 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

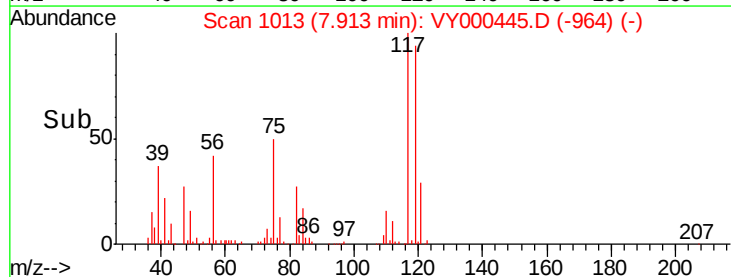
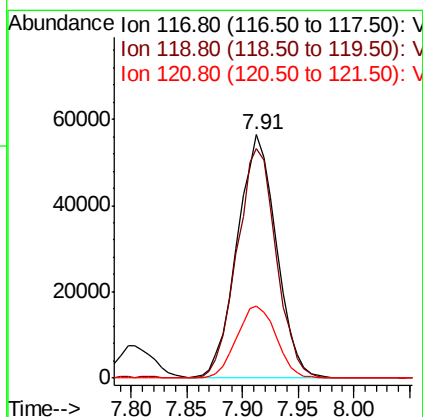
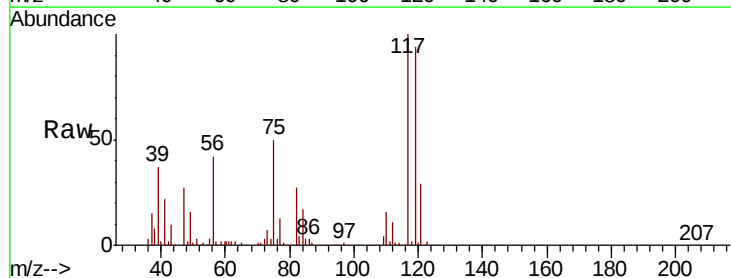
Instrument :
MSVOA_Y
ClientSampled :

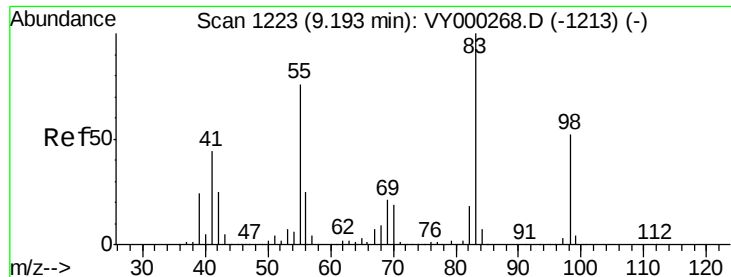
Tot Ion: 43 Resp: 95460
Ion Ratio Lower Upper
43 100
61 13.8 12.1 18.1
70 10.4 8.7 13.1



#38
Carbon Tetrachloride
Concen: 49.512 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Tgt Ion: 117 Resp: 137994
Ion Ratio Lower Upper
117 100
119 94.1 72.8 109.2
121 29.4 22.2 33.2

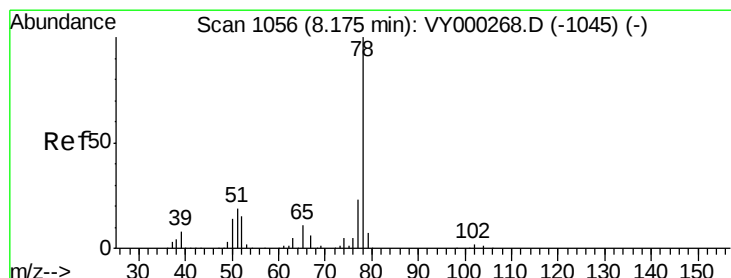
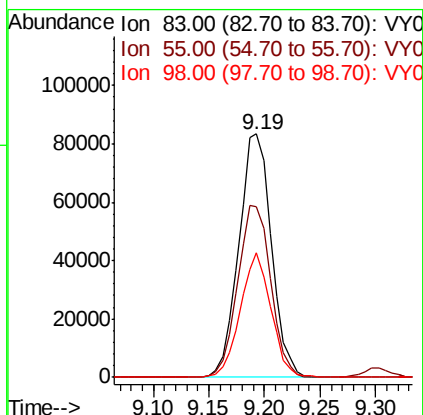
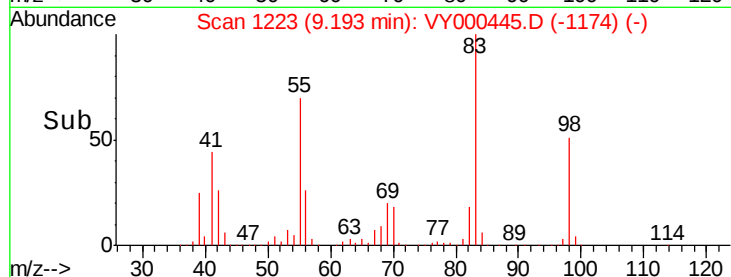
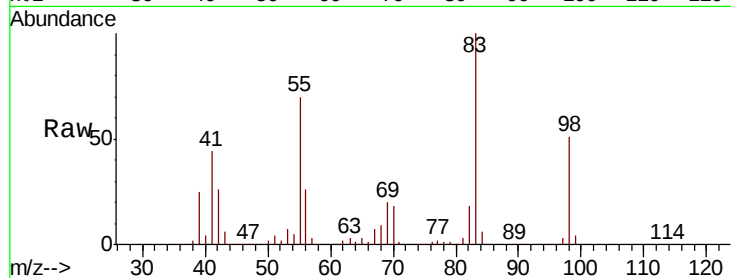




#39
Methvlcvclohexane
Concen: 45.052 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

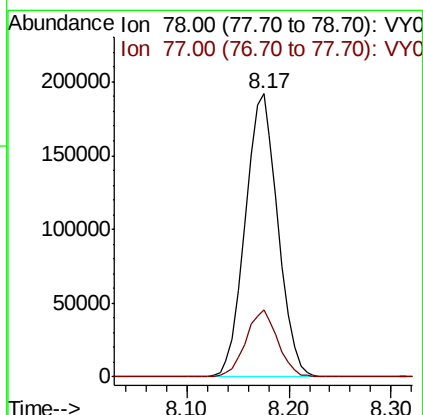
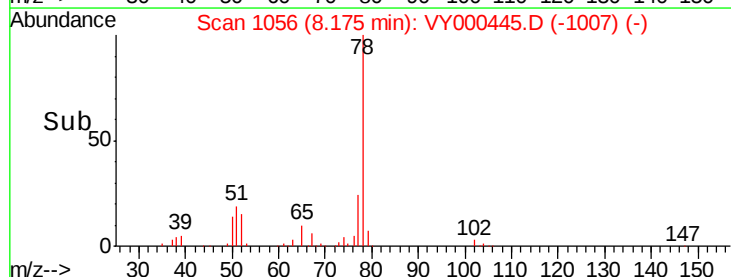
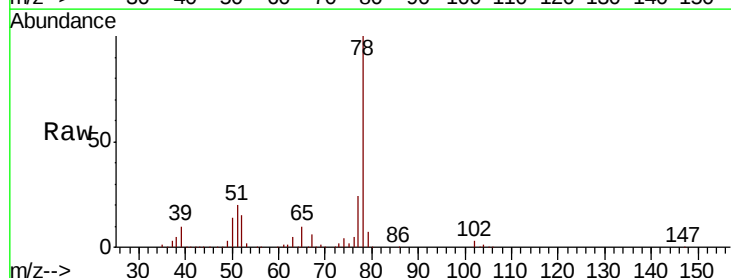
Instrument :
MSVOA_Y
ClientSampled :

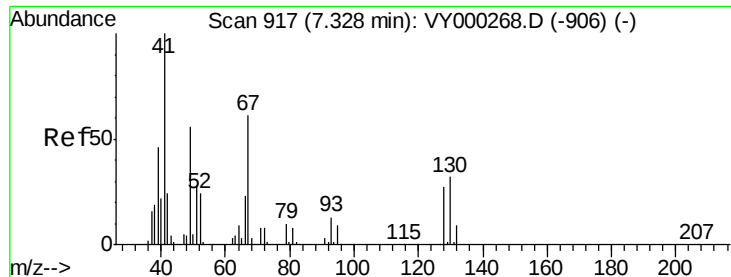
Tot Ion: 83 Resp: 169728
Ion Ratio Lower Upper
83 100
55 70.2 60.9 91.3
98 51.3 41.8 62.6



#40
Benzene
Concen: 51.359 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Tgt Ion: 78 Resp: 427229
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

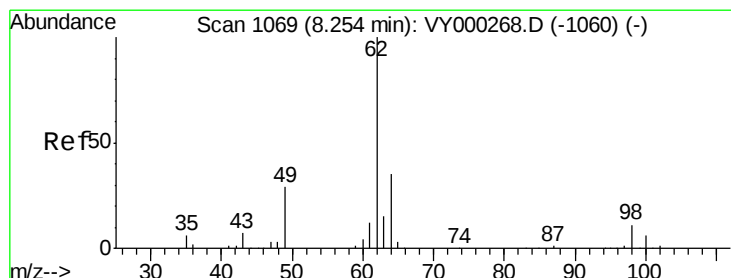
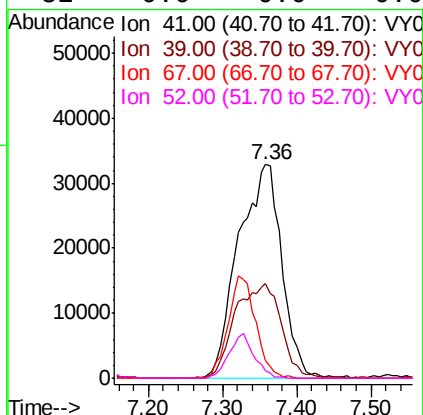
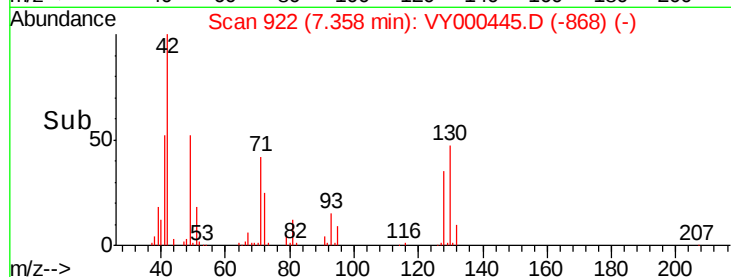
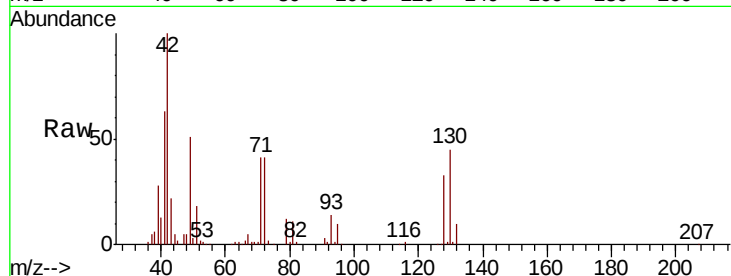




#41
Methacrylonitrile
Concen: 164.739 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

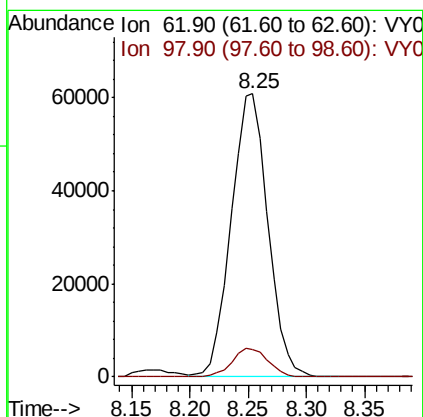
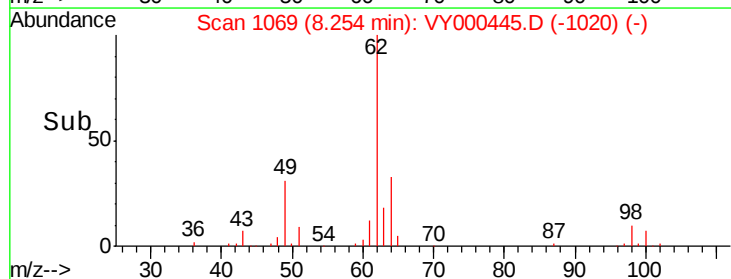
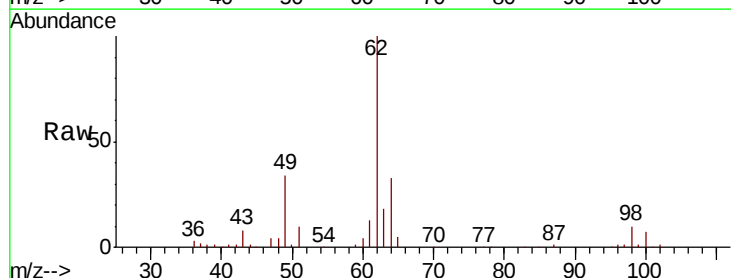
Instrument :
MSVOA_Y
ClientSampled :

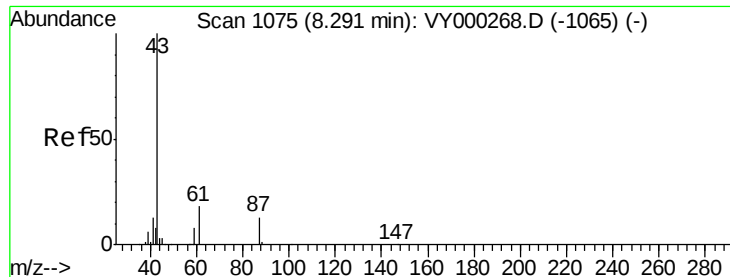
Tot Ion: 41 Resp: 133653
Ion Ratio Lower Upper
41 100
39 47.1 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 56.363 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Tgt Ion: 62 Resp: 133929
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.6





#43

Isopropyl Acetate

Concen: 56.322 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

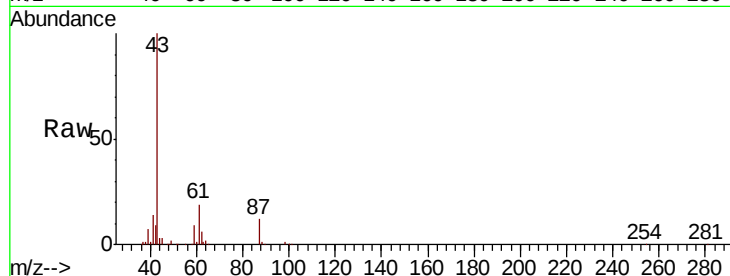
Tot Ion: 43 Resp: 182528

Ion Ratio Lower Upper

43 100

61 27.3 22.3 33.5

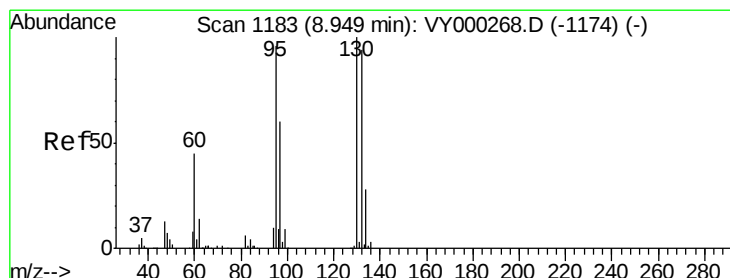
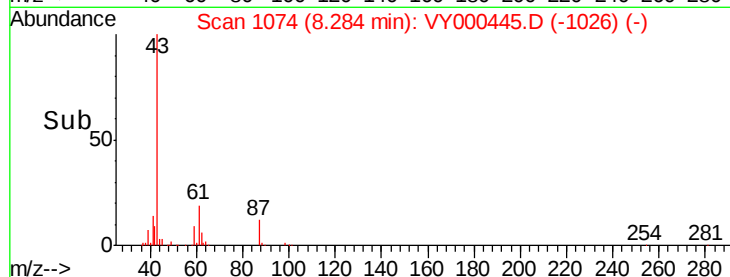
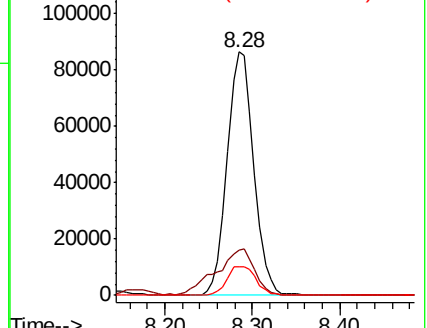
87 13.2 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY000445.D (-1074) (-)

Ion 61.00 (60.70 to 61.70): VY000445.D (-1074) (-)

Ion 87.00 (86.70 to 87.70): VY000445.D (-1074) (-)



#44

Trichloroethene

Concen: 48.712 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000445.D

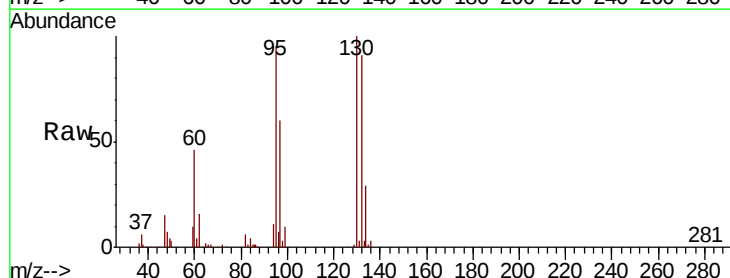
Acq: 25 Oct 2019 21:29

Tgt Ion:130 Resp: 113697

Ion Ratio Lower Upper

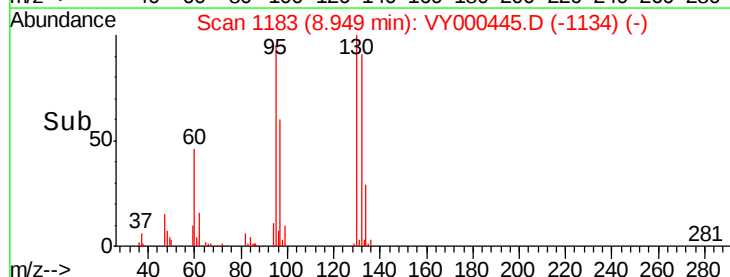
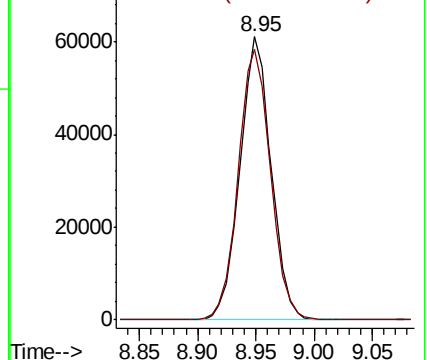
130 100

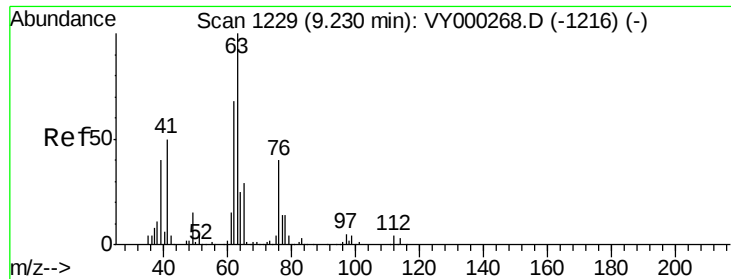
95 95.5 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000445.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY000445.D (-1183) (-)

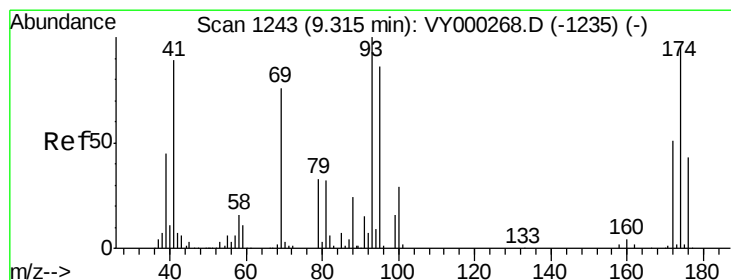
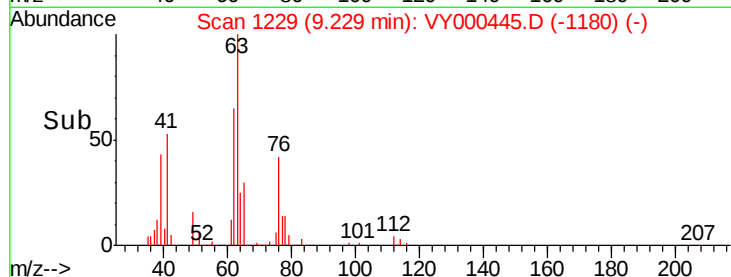
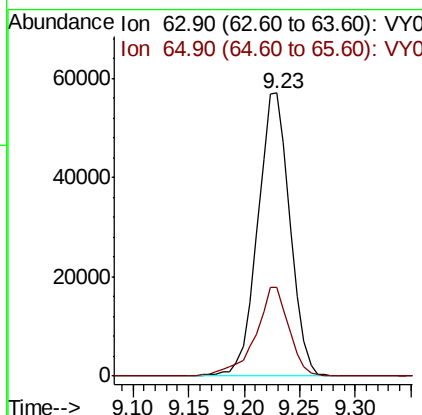
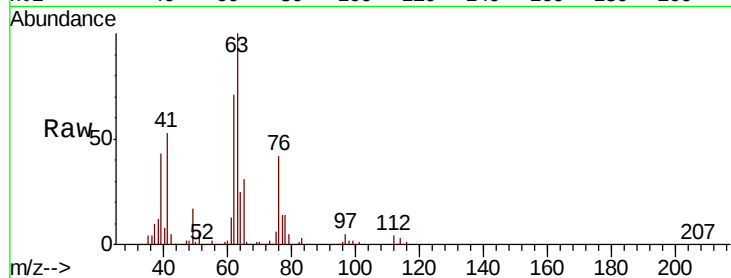




#45
 1,2-Dichloropropane
 Concen: 56.288 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

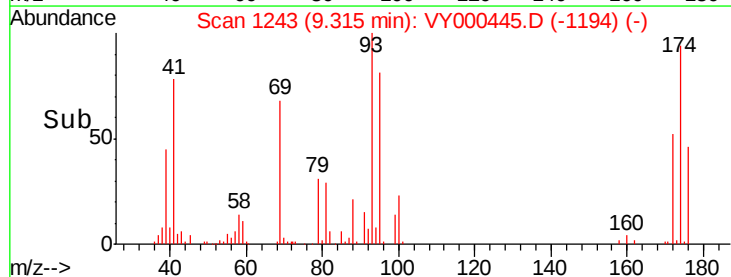
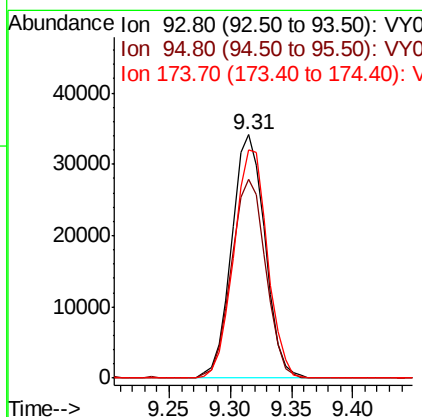
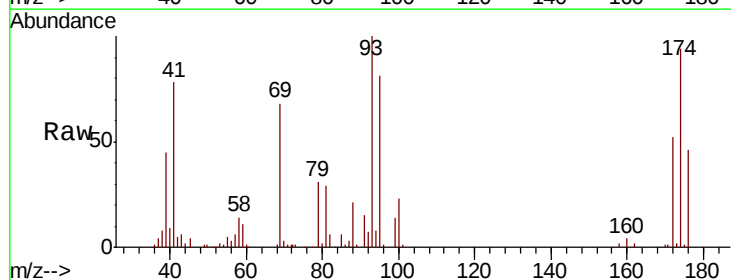
Instrument :
 MSVOA_Y
 ClientSampleId :

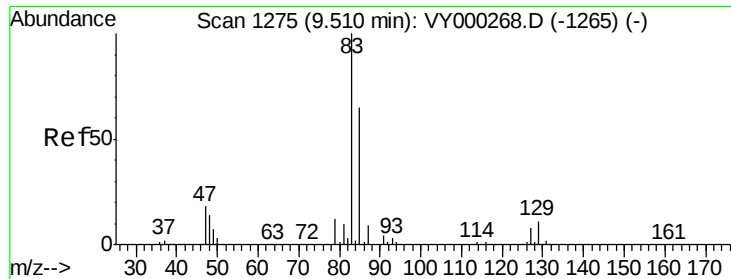
Tot Ion: 63 Resp: 114907
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.2 34.8



#46
 Dibromomethane
 Concen: 56.232 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

Tgt Ion: 93 Resp: 64171
 Ion Ratio Lower Upper
 93 100
 95 83.8 68.2 102.2
 174 94.9 79.8 119.6

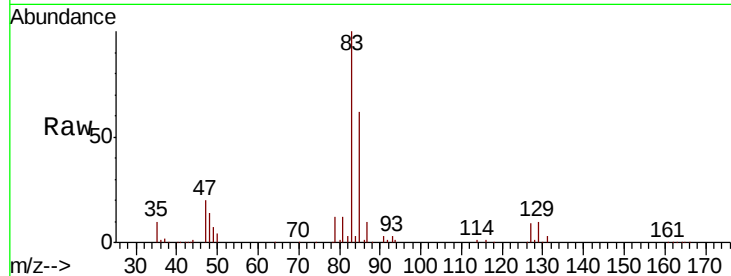




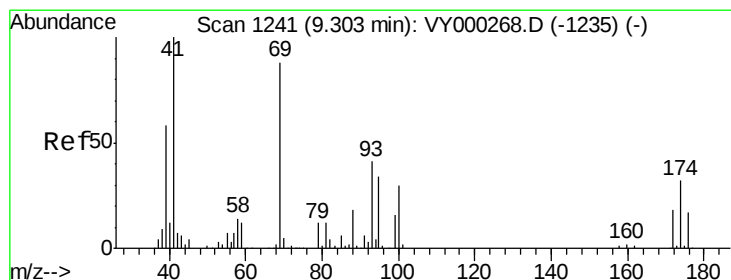
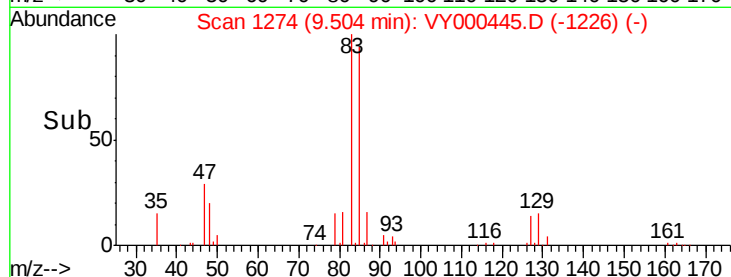
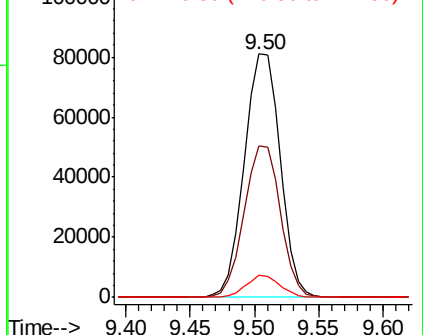
#47
Bromodichloromethane
Concen: 57.990 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 155959
Ion Ratio Lower Upper
83 100
85 62.0 52.2 78.2
127 9.0 6.3 9.5

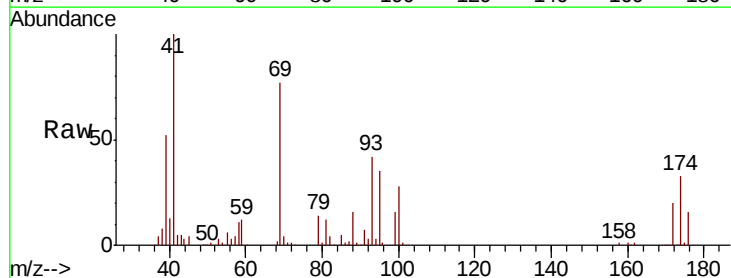


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0

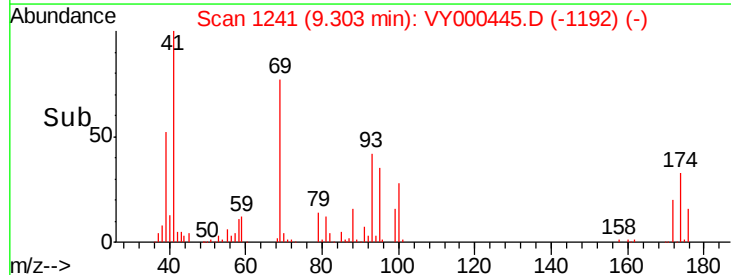
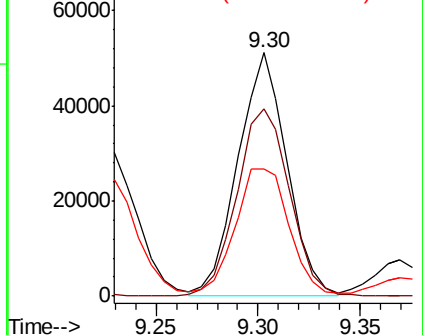


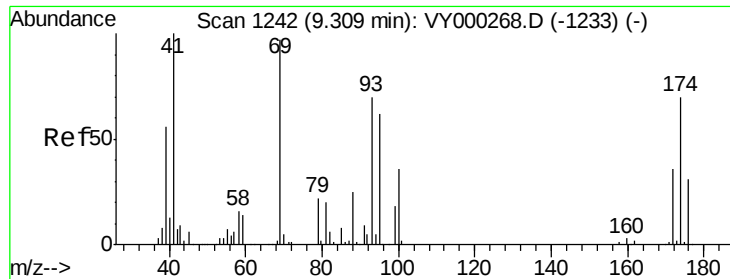
#48
Methyl methacrylate
Concen: 60.128 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Tgt Ion: 41 Resp: 85399
Ion Ratio Lower Upper
41 100
69 82.9 70.0 105.0
39 58.2 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: 1052.976 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :

MSVOA_Y

ClientSampled :

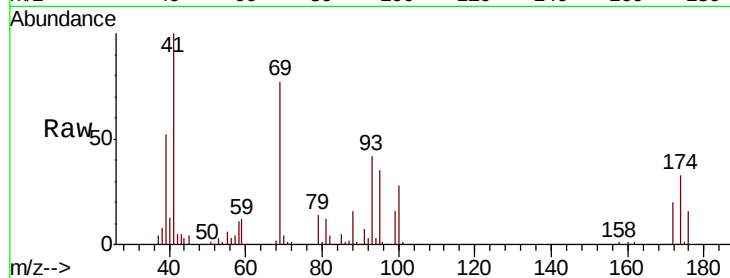
Tot Ion: 88 Resp: 18017

Ion Ratio Lower Upper

88 100

43 35.0 25.6 38.4

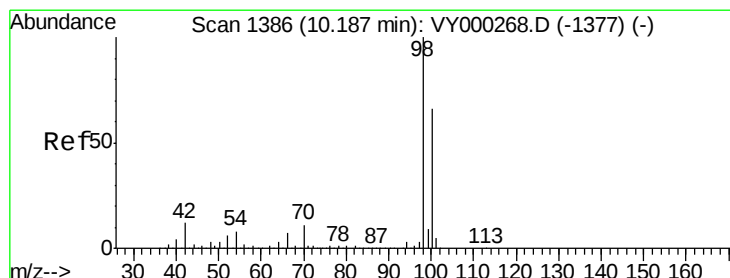
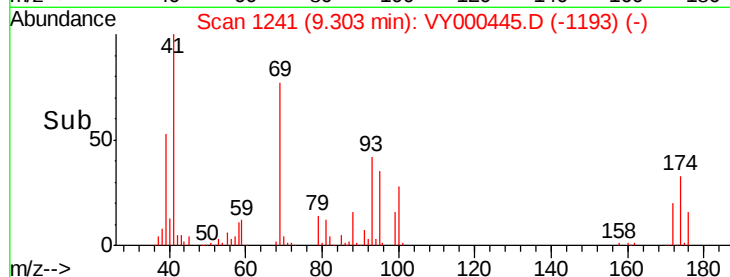
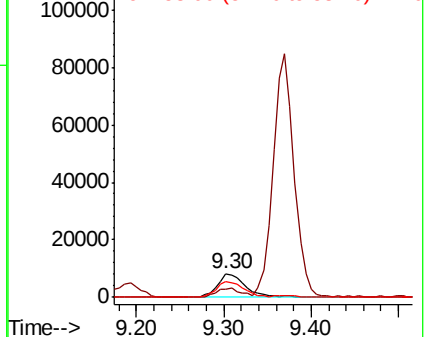
58 69.1 54.6 81.8



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 51.454 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000445.D

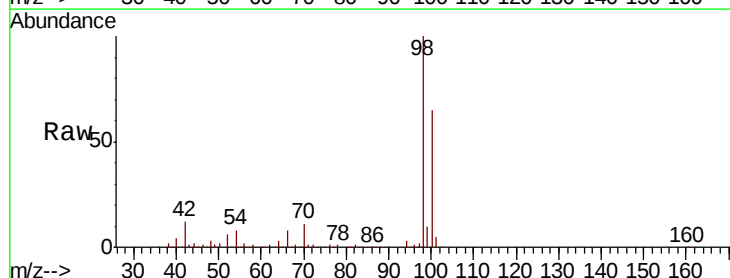
Acq: 25 Oct 2019 21:29

Tgt Ion: 98 Resp: 351022

Ion Ratio Lower Upper

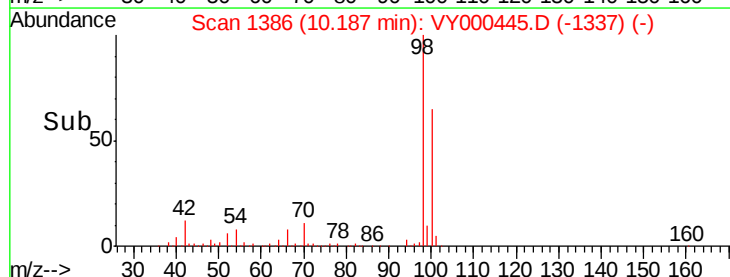
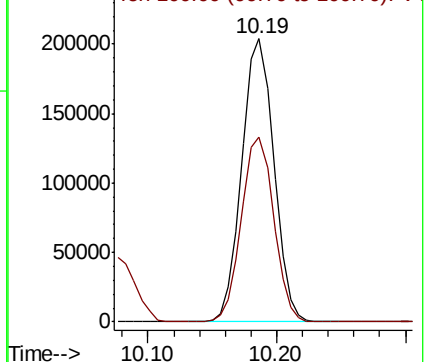
98 100

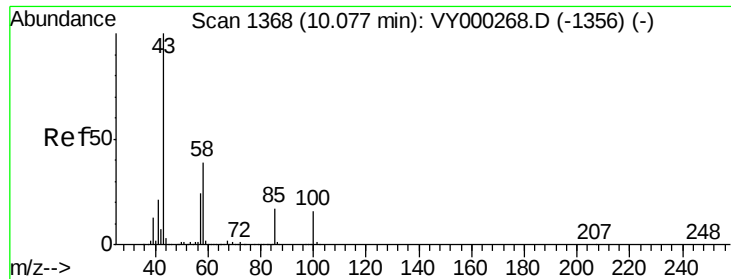
100 66.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

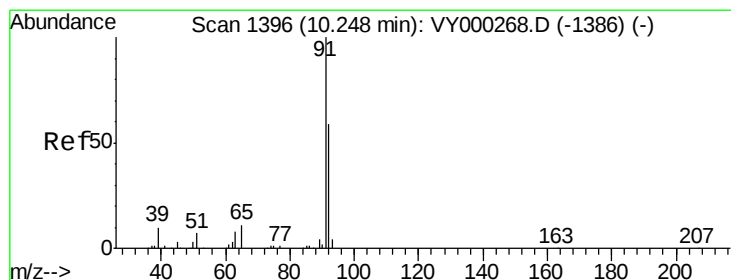
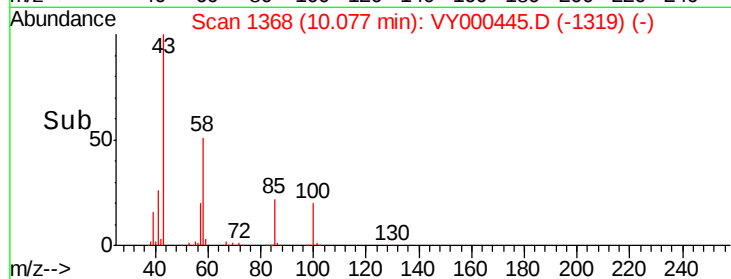
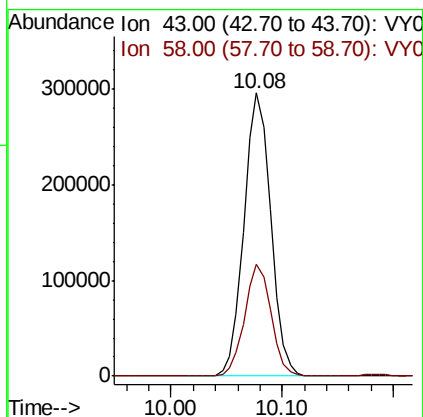
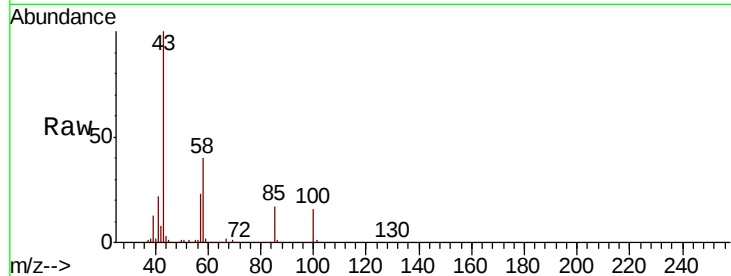




#51
 4-Methyl-2-Pentanone
 Concen: 296.796 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

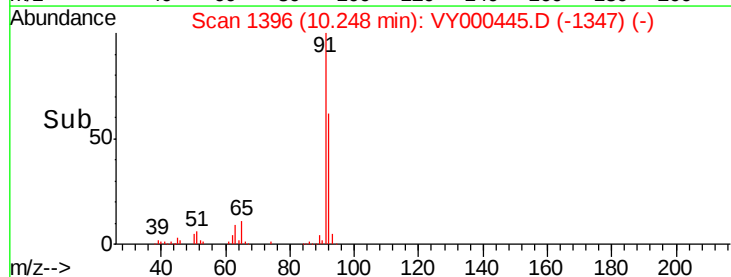
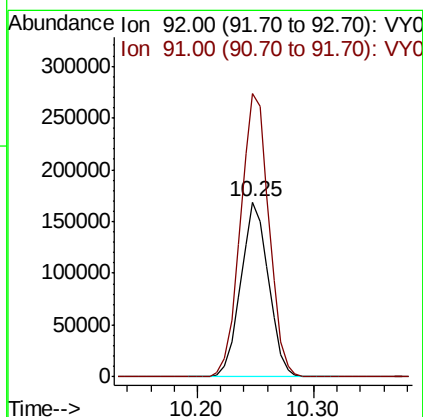
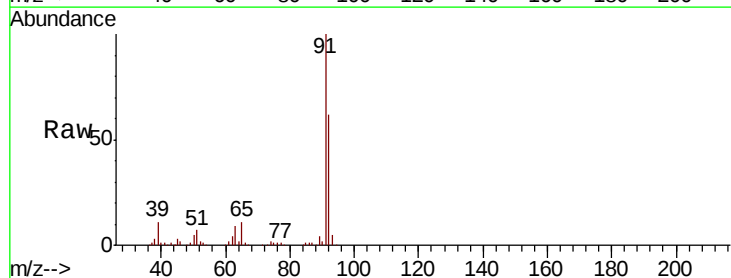
Instrument :
 MSVOA_Y
 ClientSampleId :

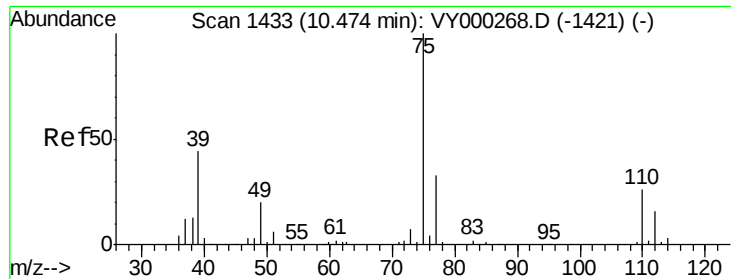
Tot Ion: 43 Resp: 496101
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.0 46.6



#52
 Toluene
 Concen: 52.907 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

Tgt Ion: 92 Resp: 279420
 Ion Ratio Lower Upper
 92 100
 91 166.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 56.249 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :

MSVOA_Y

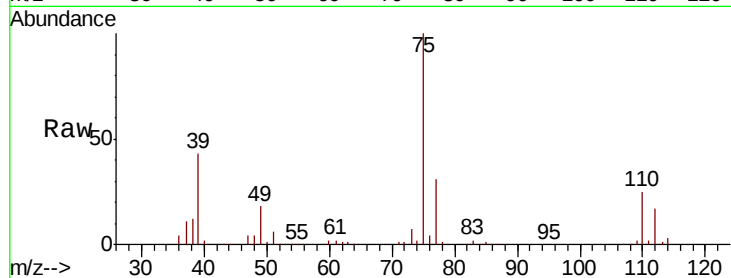
ClientSampled :

Tot Ion: 75 Resp: 162123

Ion Ratio Lower Upper

75 100

77 30.6 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

120000

100000

80000

60000

40000

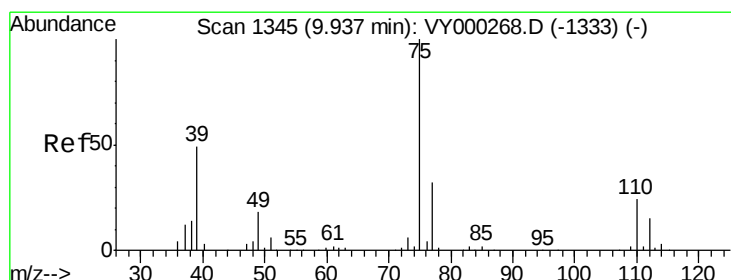
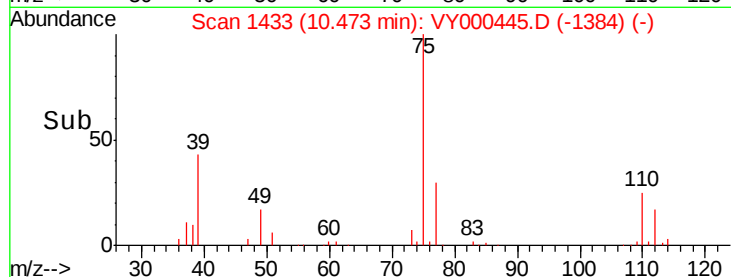
20000

0

10.40

10.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 55.243 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

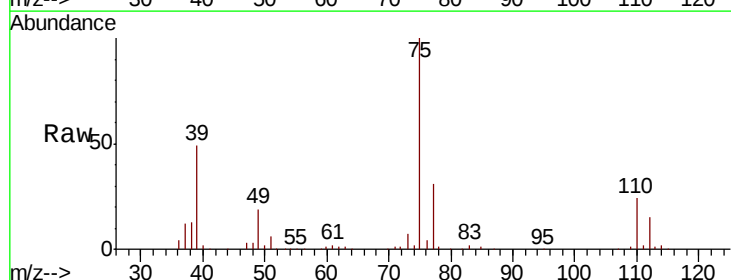
Tgt Ion: 75 Resp: 180823

Ion Ratio Lower Upper

75 100

77 31.4 26.0 39.0

39 49.0 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

100000

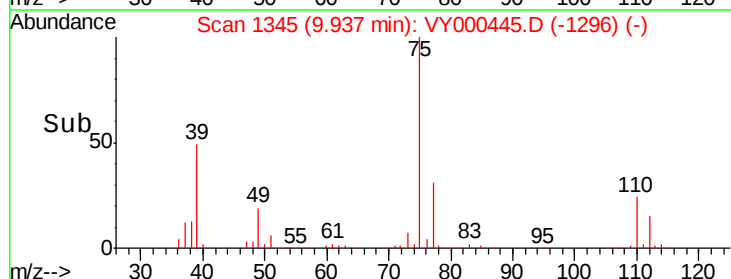
50000

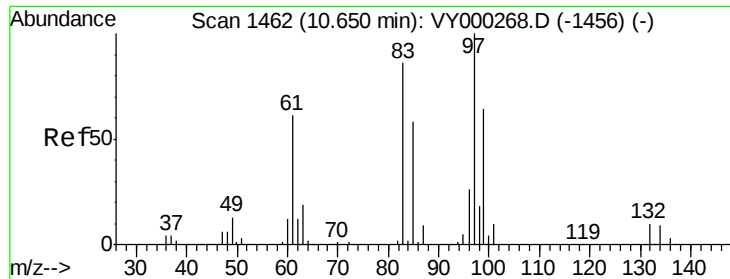
0

9.90

10.00

Time-->

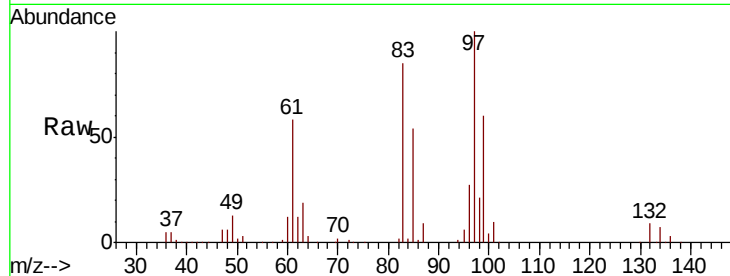




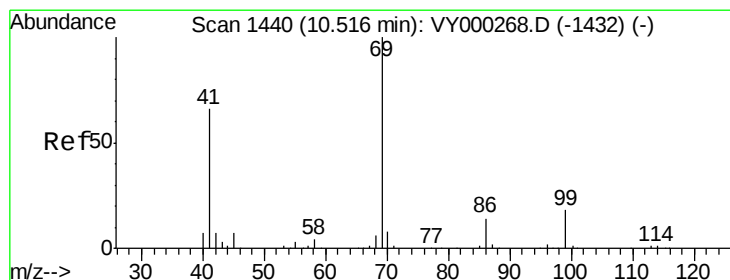
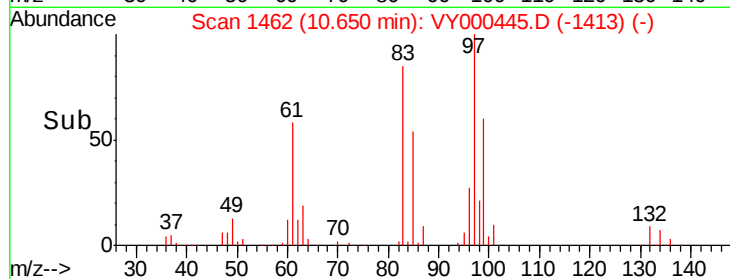
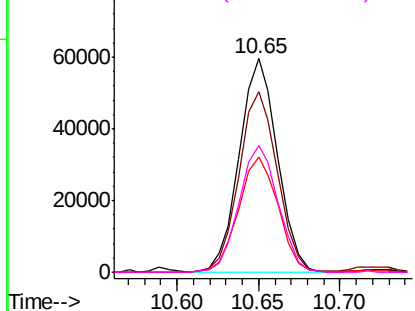
#55
 1,1,2-Trichloroethane
 Concen: 58.431 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:	97	Resp:	96951
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.0	103.6
85	54.1	46.2	69.4
99	59.6	51.1	76.7

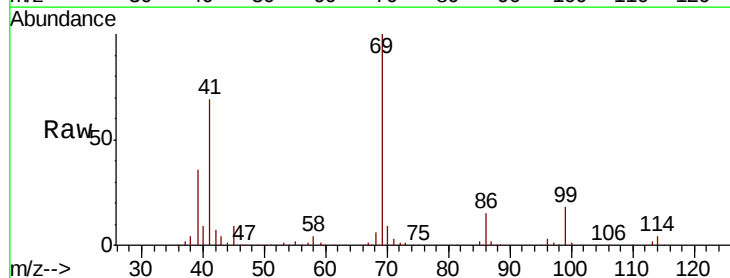


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

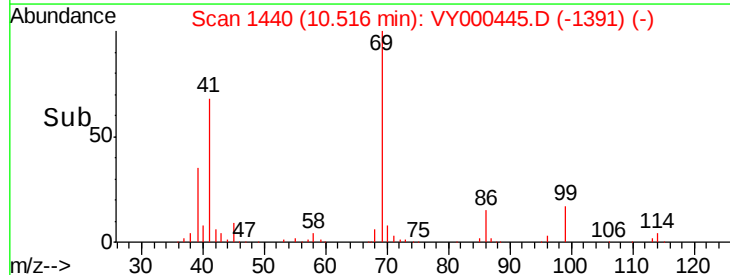
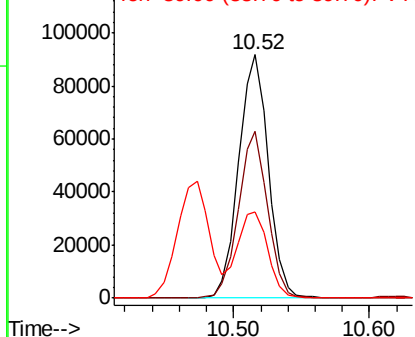


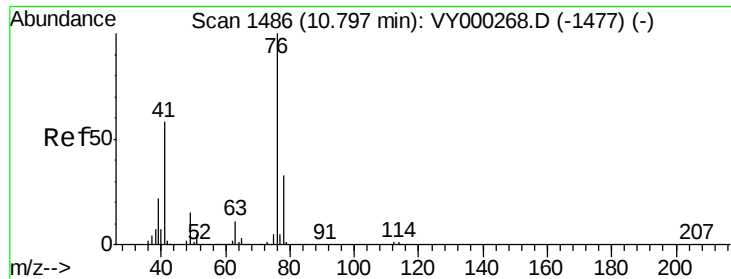
#56
 Ethyl methacrylate
 Concen: 58.819 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

Tgt Ion:	69	Resp:	139107
Ion	Ratio	Lower	Upper
69	100		
41	66.7	52.5	78.7
39	36.9	26.7	40.1



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





#57

1,3-Dichloropropane

Concen: 58.165 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :

MSVOA_Y

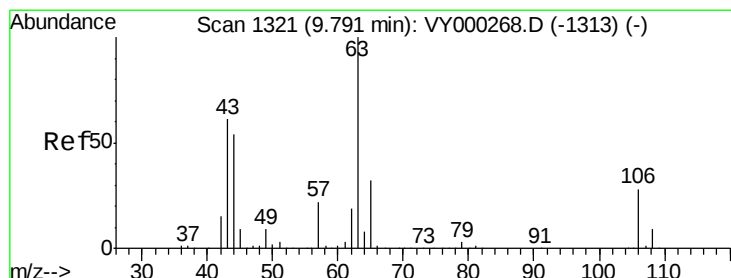
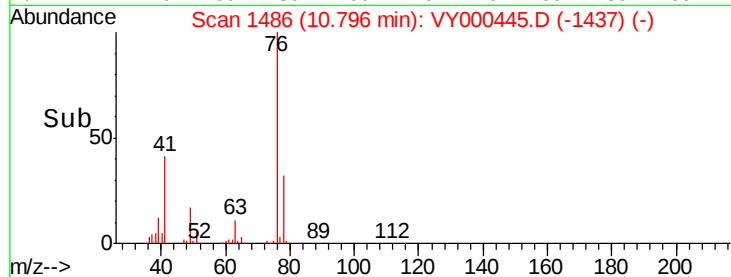
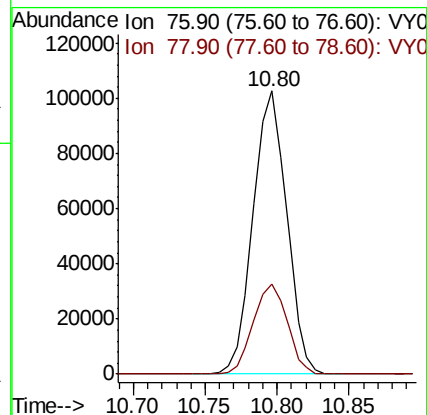
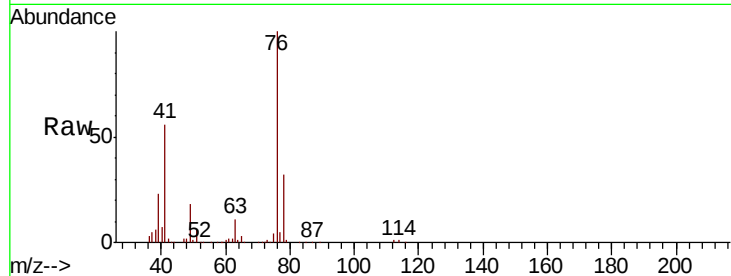
ClientSampled :

Tot Ion: 76 Resp: 165743

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 334.080 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000445.D

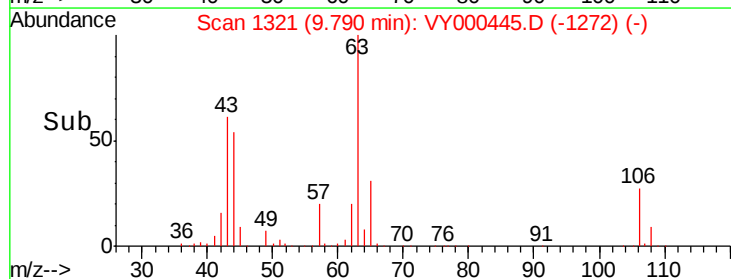
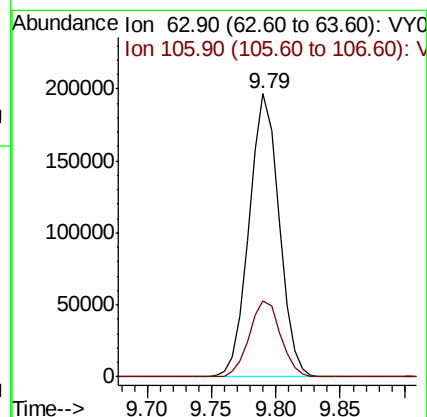
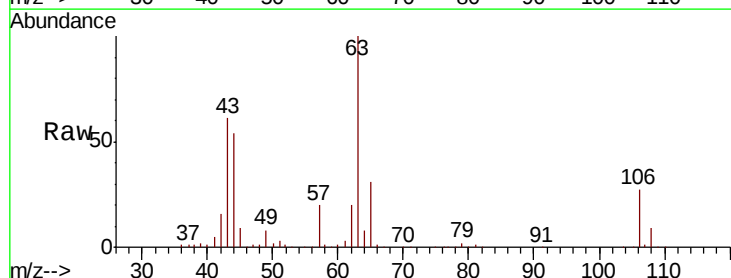
Acq: 25 Oct 2019 21:29

Tgt Ion: 63 Resp: 315146

Ion Ratio Lower Upper

63 100

106 27.9 23.0 34.4





#59

2-Hexanone

Concen: 303.057 ug/l

RT: 10.84 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :

MSVOA_Y

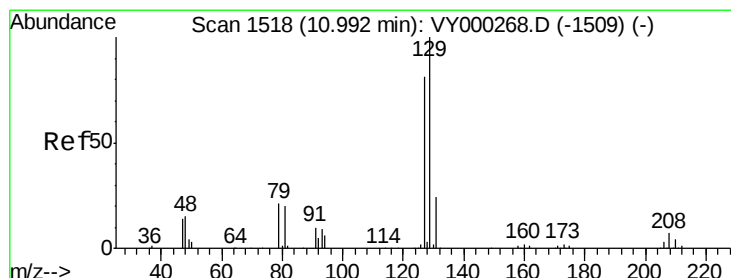
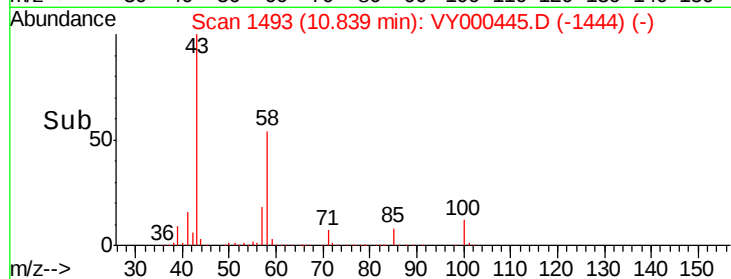
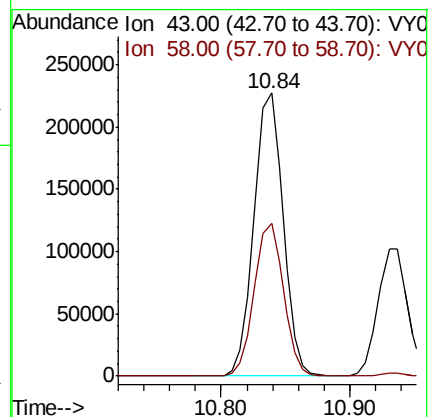
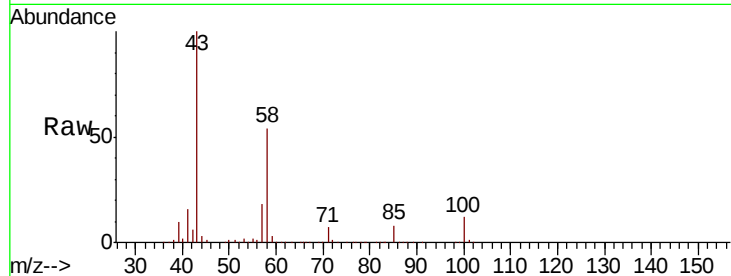
ClientSampleId :

Tot Ion: 43 Resp: 355566

Ion Ratio Lower Upper

43 100

58 54.2 27.7 83.1



#60

Dibromochloromethane

Concen: 60.577 ug/l

RT: 10.99 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VY000445.D

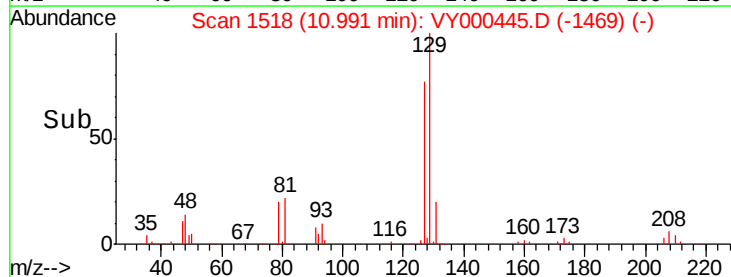
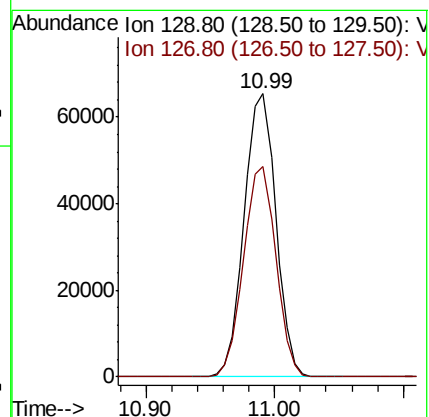
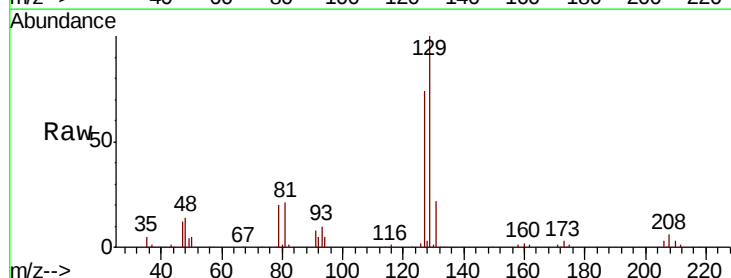
Acq: 25 Oct 2019 21:29

Tgt Ion: 129 Resp: 111404

Ion Ratio Lower Upper

129 100

127 75.9 39.9 119.7

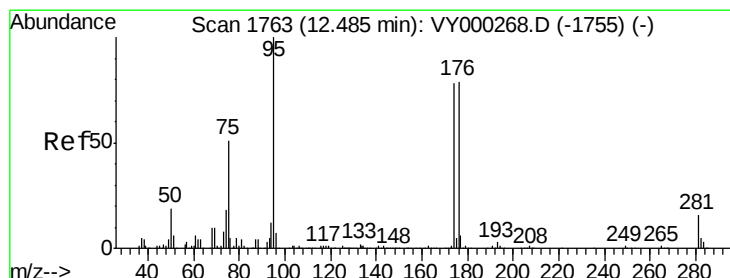
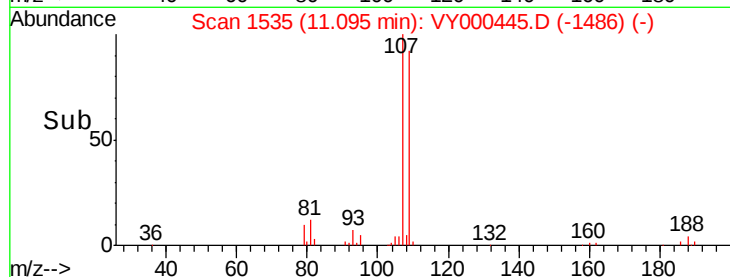
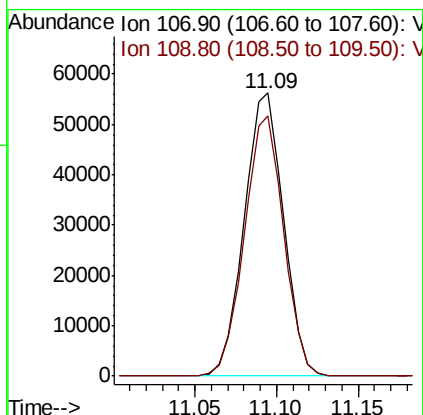
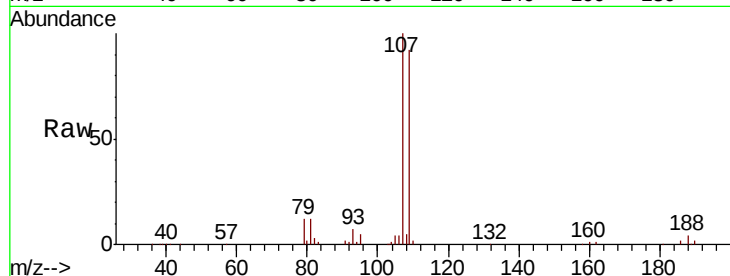




#61
 1,2-Dibromoethane
 Concen: 59.272 ug/l
 RT: 11.09 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

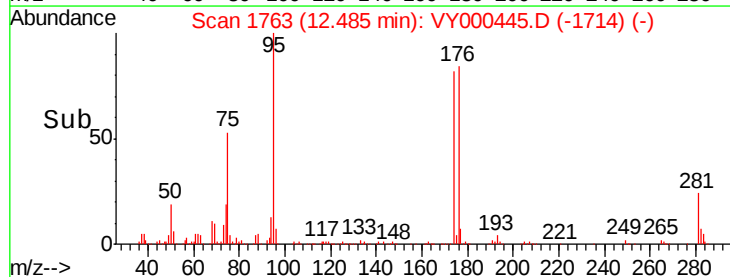
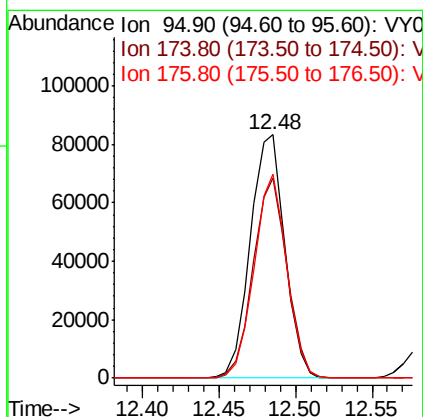
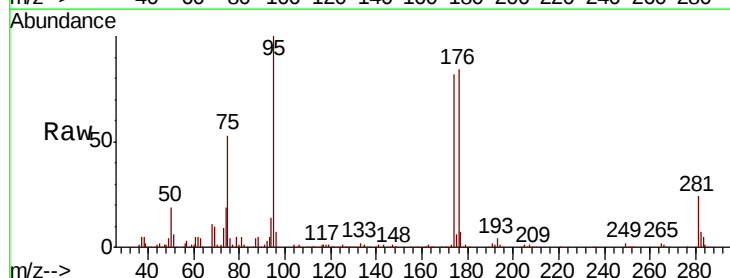
Instrument :
 MSVOA_Y
 ClientSampleId :

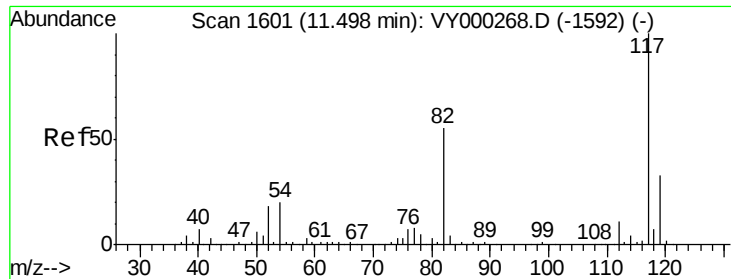
Tot Ion: 107 Resp: 94428
 Ion Ratio Lower Upper
 107 100
 109 91.9 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 50.548 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

Tgt Ion: 95 Resp: 131010
 Ion Ratio Lower Upper
 95 100
 174 80.3 0.0 159.6
 176 79.4 0.0 153.8

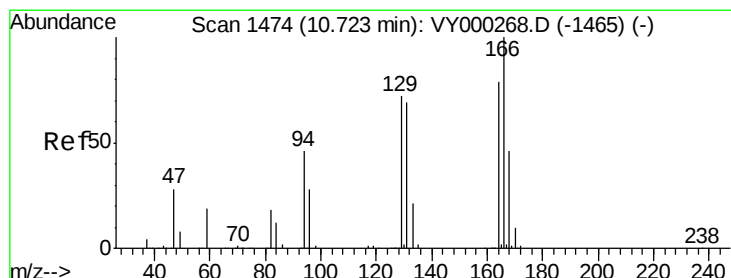
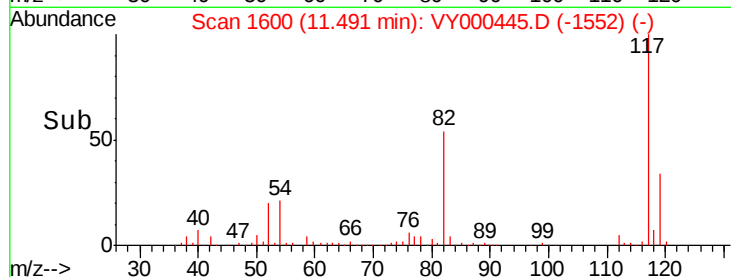
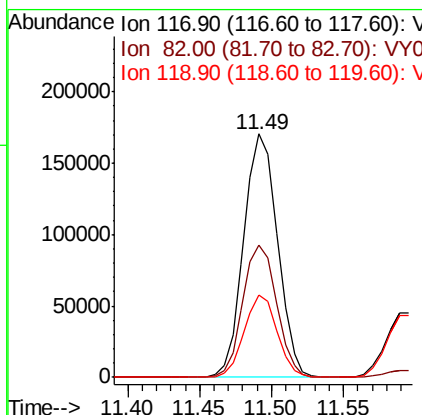
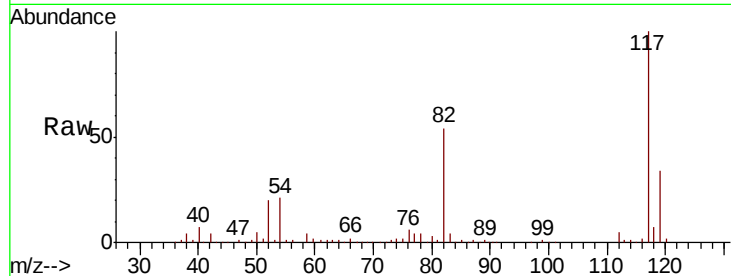




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

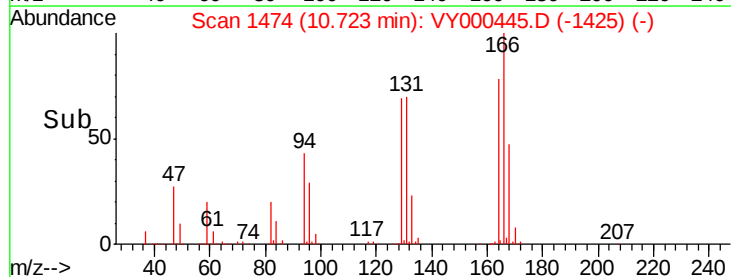
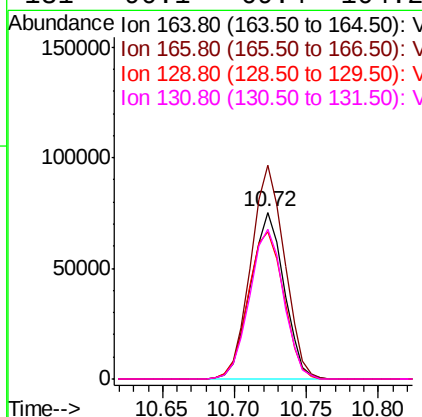
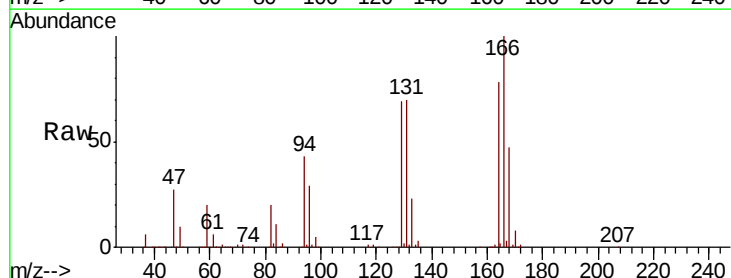
Instrument :
MSVOA_Y
ClientSampleId :

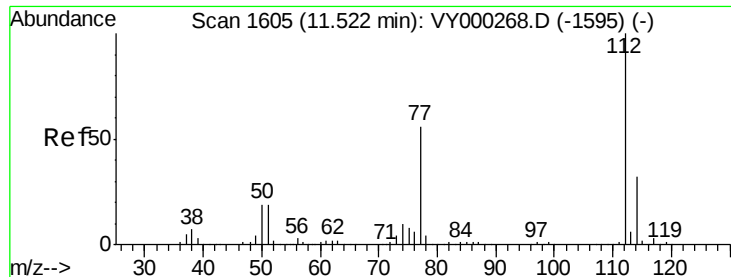
Tot Ion:117 Resp: 276999
Ion Ratio Lower Upper
117 100
82 54.3 43.7 65.5
119 34.0 26.6 39.8



#64
Tetrachloroethene
Concen: 45.922 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Tgt Ion:164 Resp: 121100
Ion Ratio Lower Upper
164 100
166 128.1 100.6 151.0
129 88.1 72.8 109.2
131 90.1 69.4 104.2

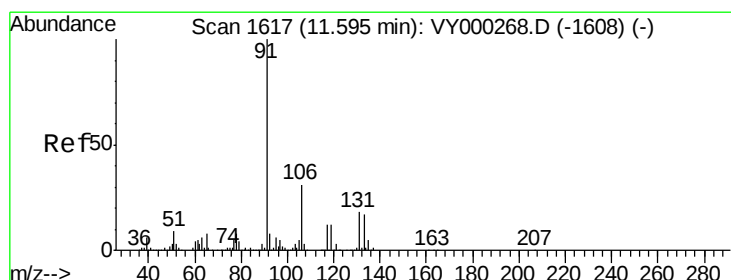
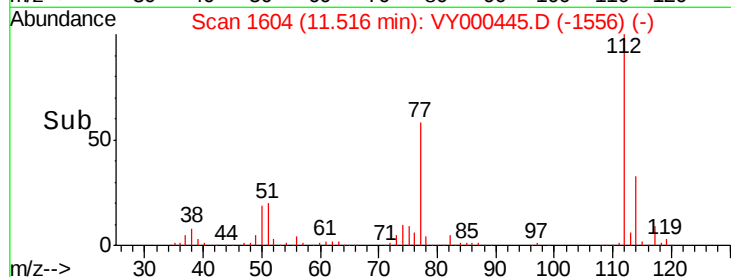
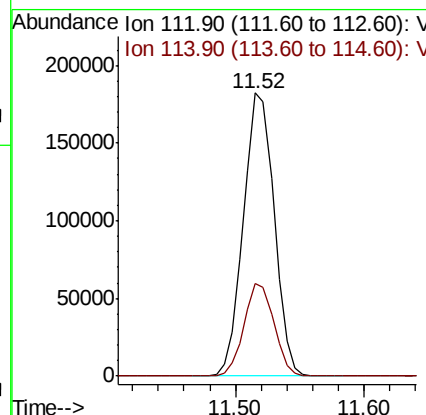
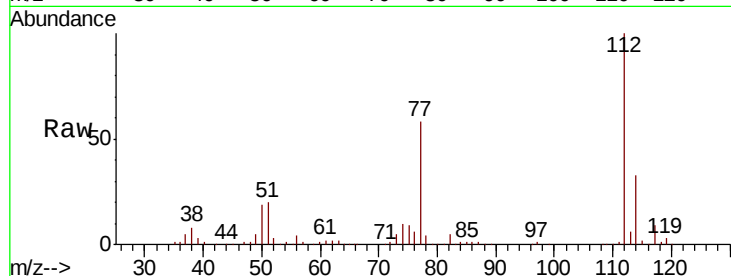




#65
Chlorobenzene
Concen: 51.542 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

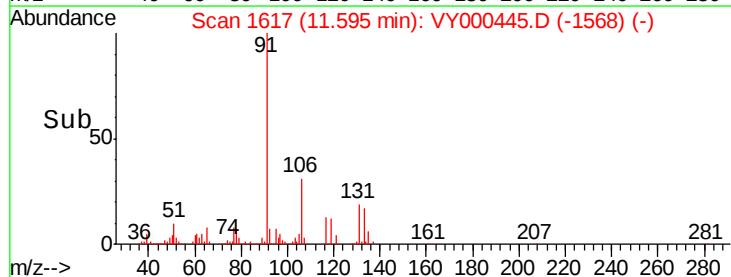
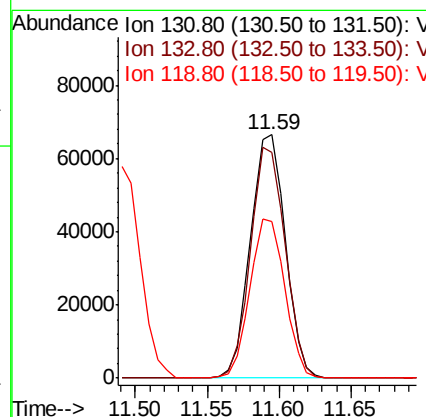
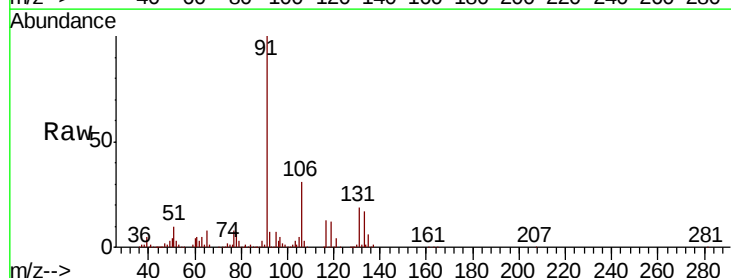
Instrument :
MSVOA_Y
ClientSampleId :

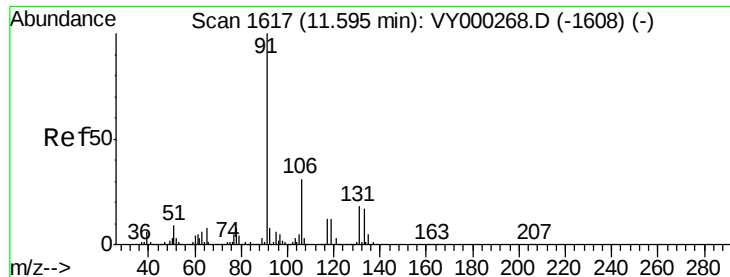
Tot Ion:112 Resp: 301308
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.273 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Tgt Ion:131 Resp: 111452
Ion Ratio Lower Upper
131 100
133 94.4 47.2 141.6
119 65.2 32.6 98.0

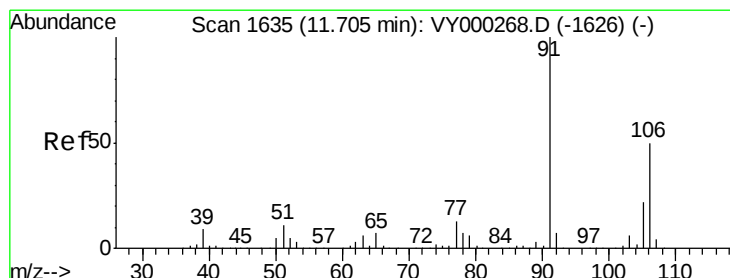
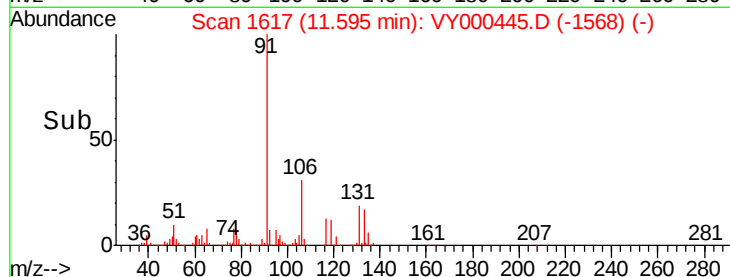
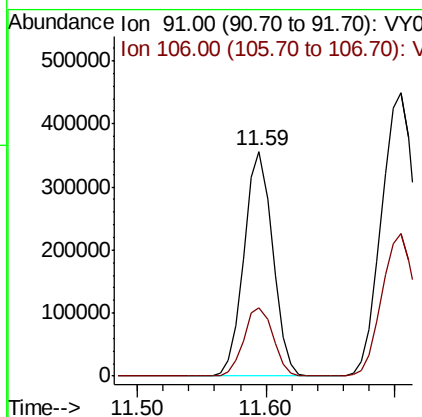
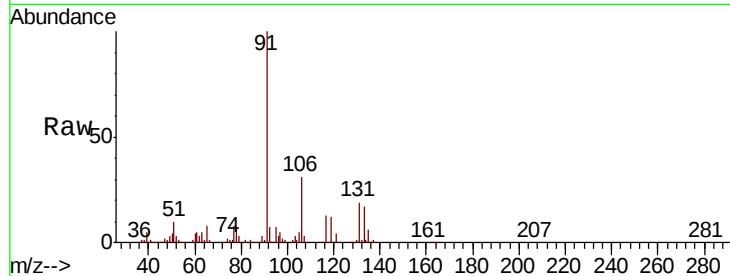




#67
Ethyl Benzene
Concen: 50.252 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

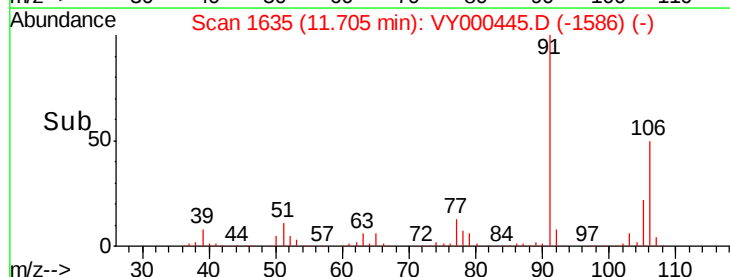
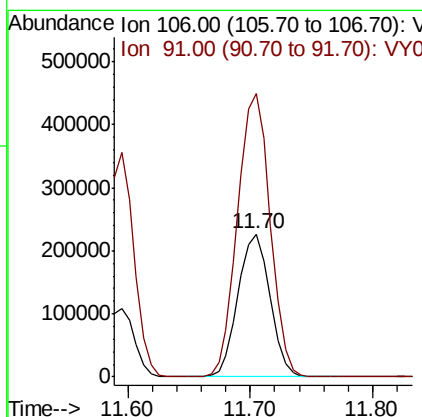
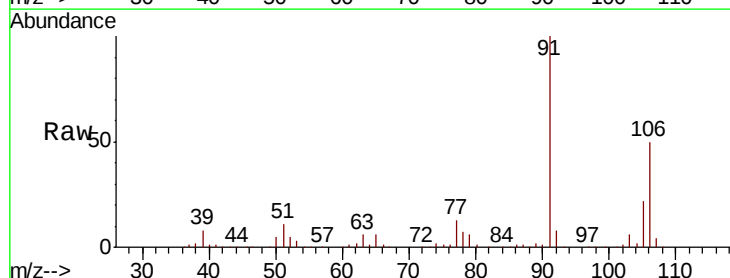
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 544577
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.6



#68
m/p-Xylenes
Concen: 99.338 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Tgt Ion: 106 Resp: 411540
Ion Ratio Lower Upper
106 100
91 201.6 157.5 236.3

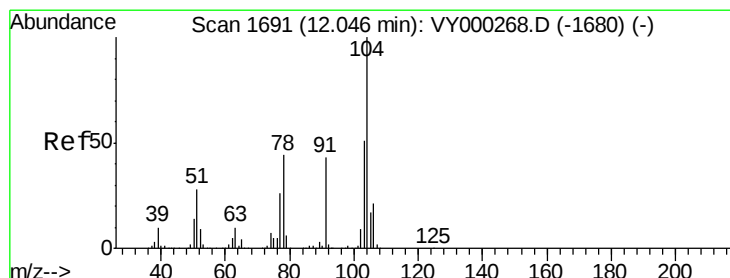
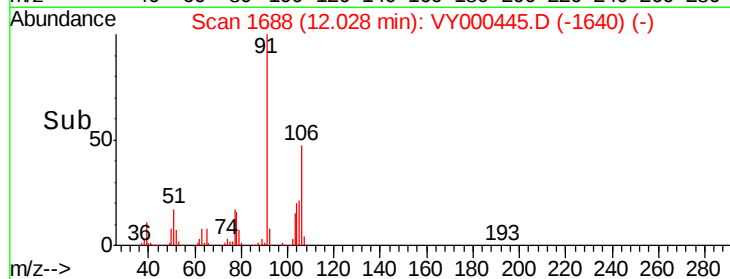
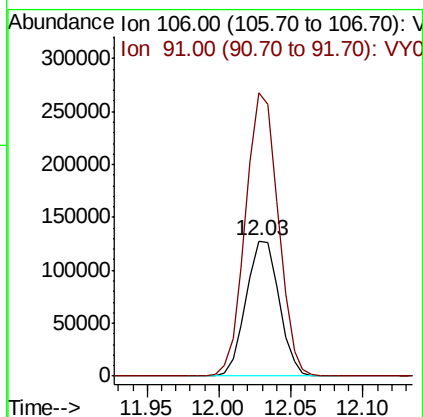
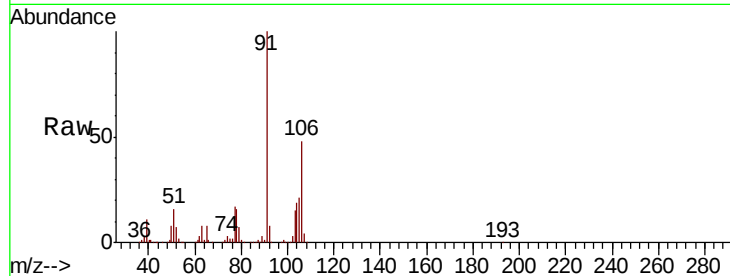




#69
o-Xylene
Concen: 51.432 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

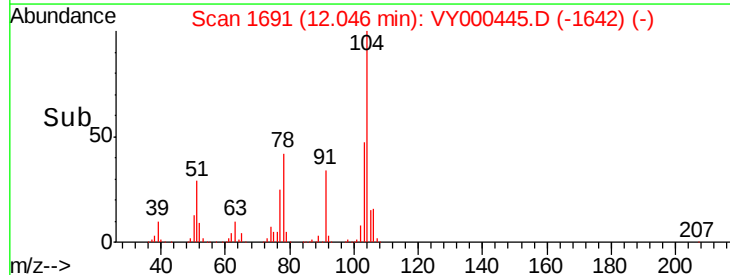
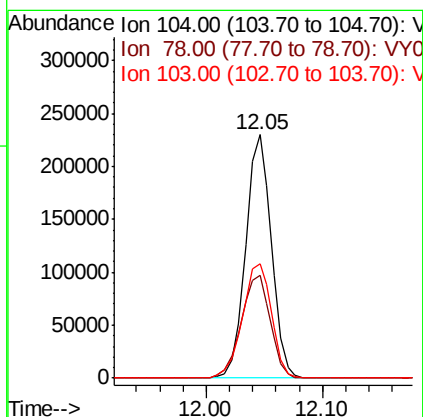
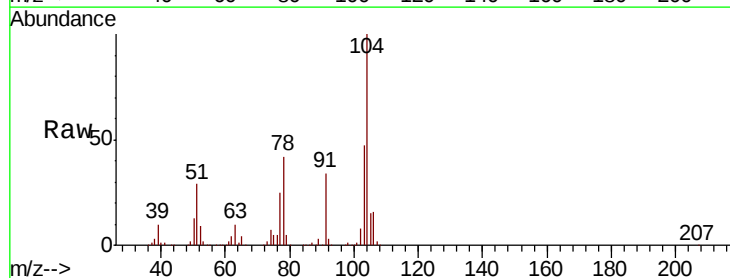
Instrument :
MSVOA_Y
ClientSampled :

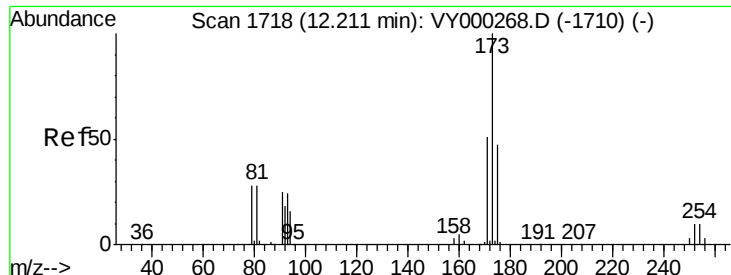
Tot Ion:106 Resp: 203266
Ion Ratio Lower Upper
106 100
91 207.1 104.7 313.9



#70
Styrene
Concen: 53.017 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Tgt Ion:104 Resp: 353368
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.6
103 53.1 43.1 64.7





#71

Bromoform

Concen: 58.607 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

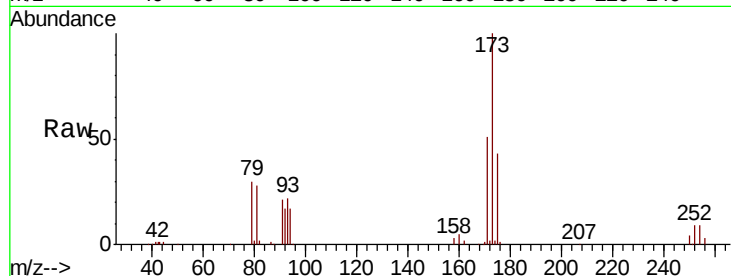
Tot Ion:173 Resp: 69186

Ion Ratio Lower Upper

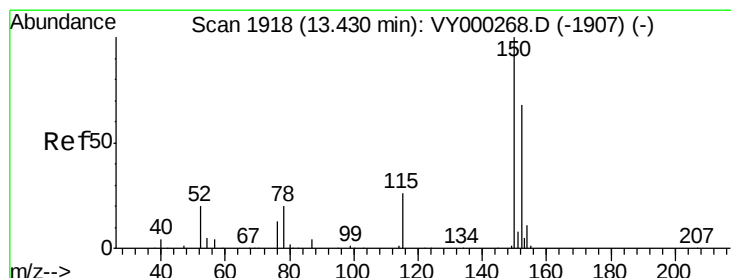
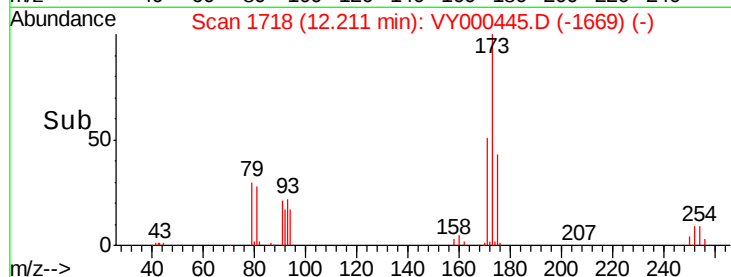
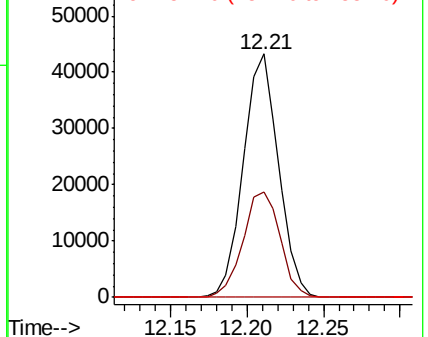
173 100

175 45.5 24.6 73.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

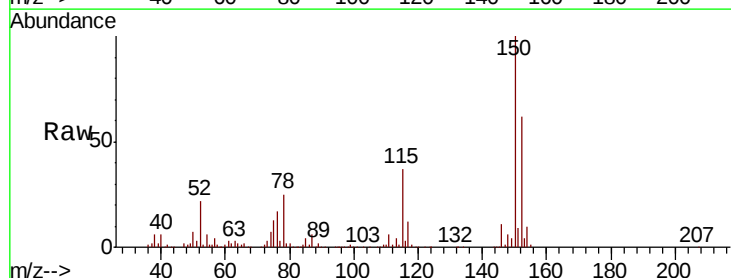
Tgt Ion:152 Resp: 142945

Ion Ratio Lower Upper

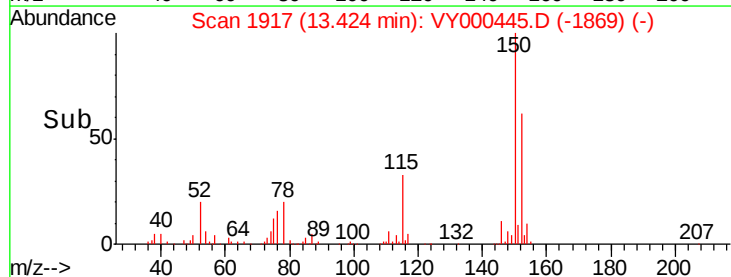
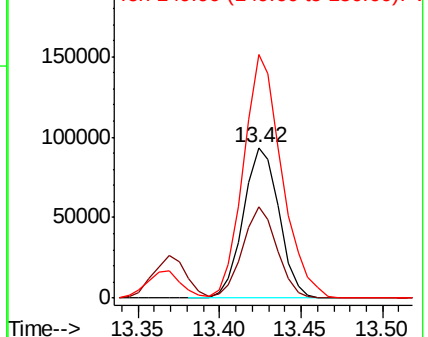
152 100

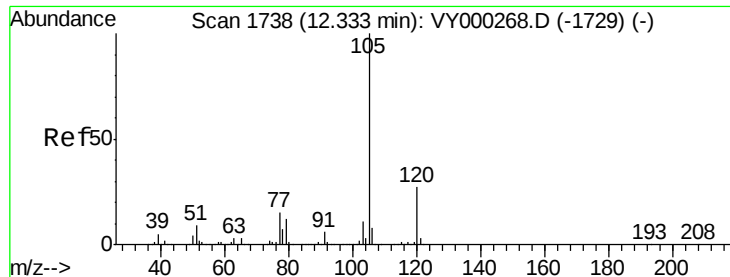
115 58.2 29.3 88.0

150 173.7 0.0 348.4



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





#73

Isopropylbenzene

Concen: 48.241 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :

MSVOA_Y

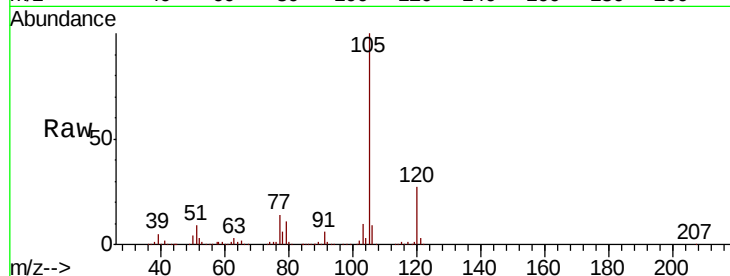
ClientSampleId :

Tot Ion:105 Resp: 537689

Ion Ratio Lower Upper

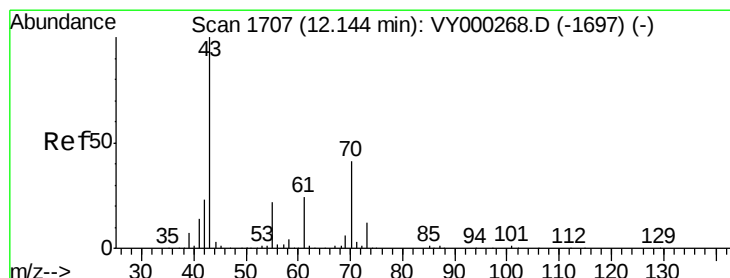
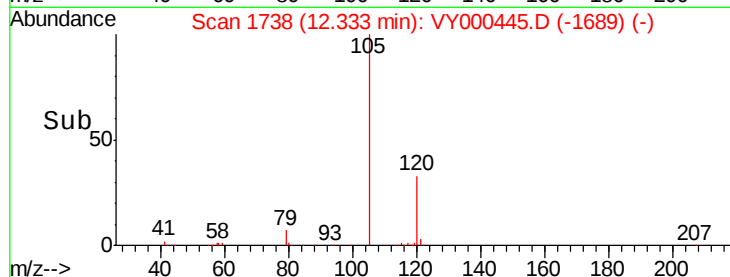
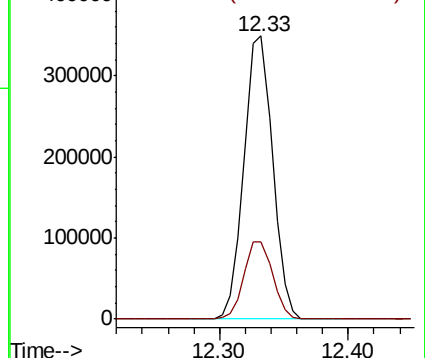
105 100

120 27.5 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: 61.841 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Tgt Ion: 43 Resp: 169216

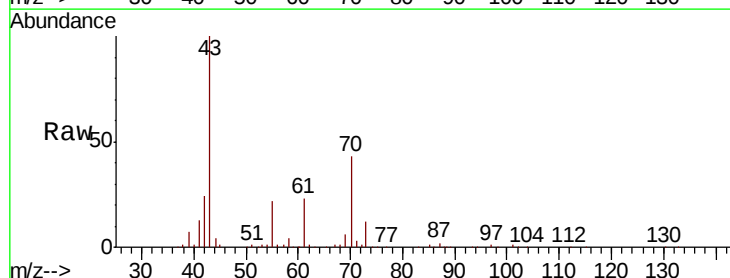
Ion Ratio Lower Upper

43 100

70 41.4 32.9 49.3

55 23.0 17.8 26.6

61 23.3 19.5 29.3

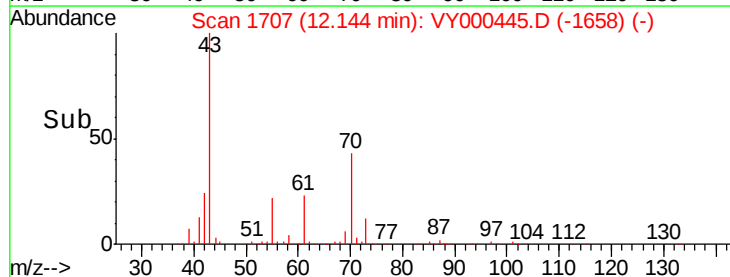
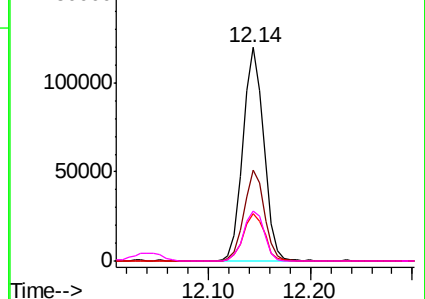


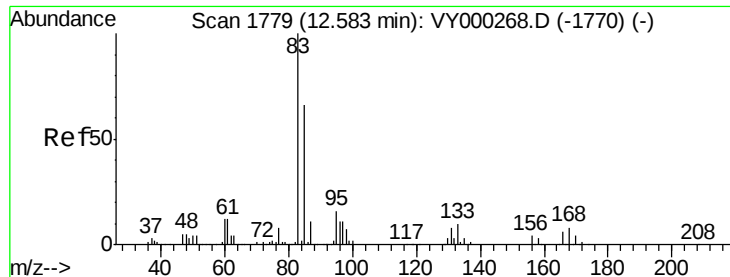
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 56.374 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

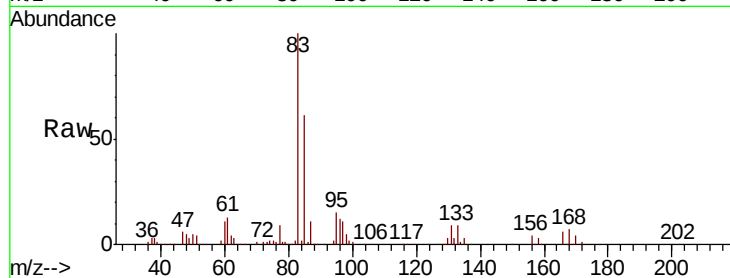
Tot Ion: 83 Resp: 117975

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.3	16.1
85	64.1	32.9	98.7

83 100

131 10.0 5.3 16.1

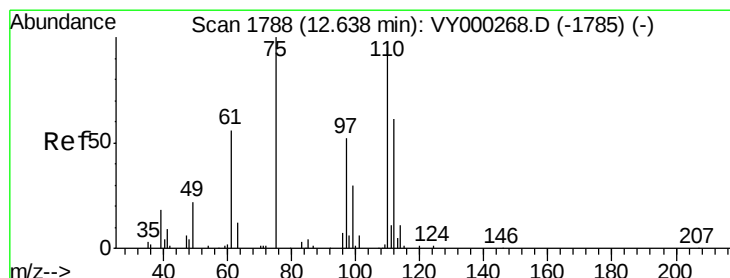
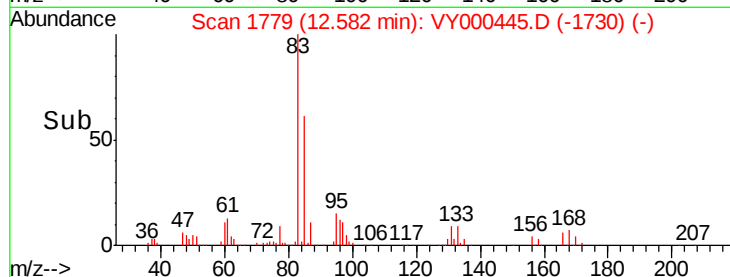
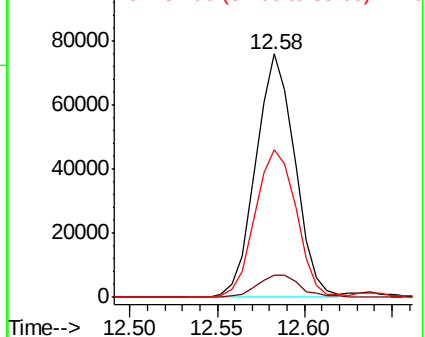
85 64.1 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VY000445.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000445.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000445.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 89.755 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY000445.D

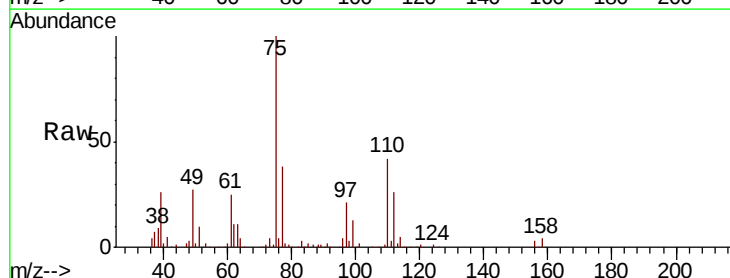
Acq: 25 Oct 2019 21:29

Tgt Ion: 75 Resp: 157765

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

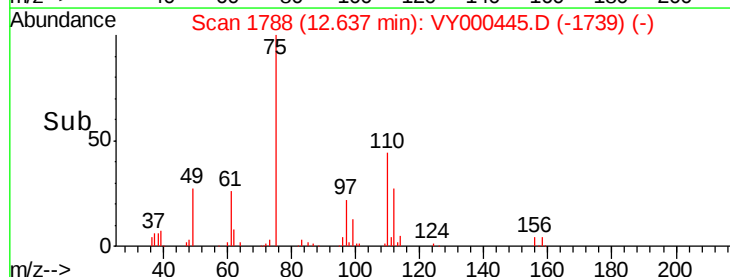
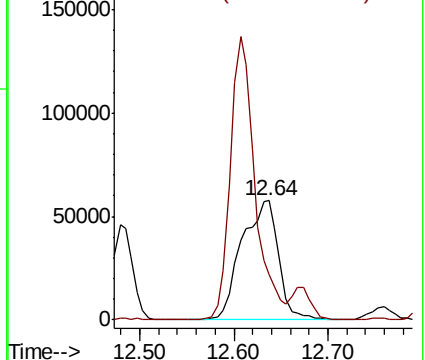
75 100

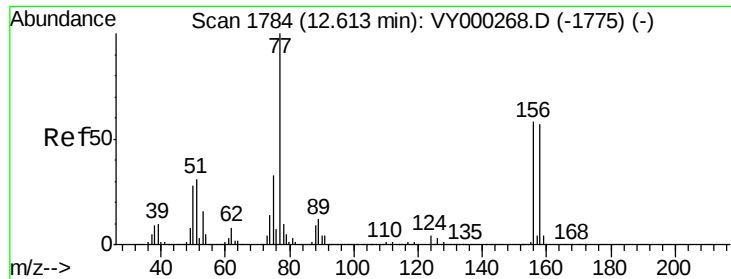
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000445.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY000445.D (-1739) (-)





#77

Bromobenzene

Concen: 51.759 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

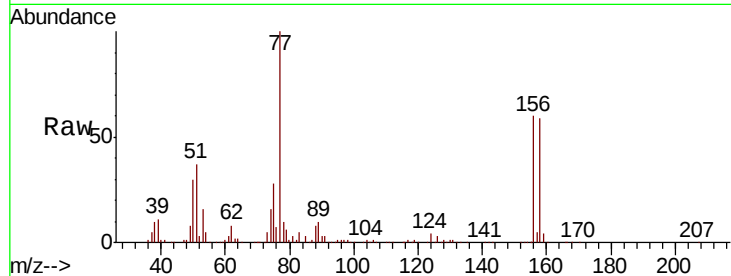
Tot Ion:156 Resp: 128373

Ion Ratio Lower Upper

156 100

77 194.8 101.0 302.9

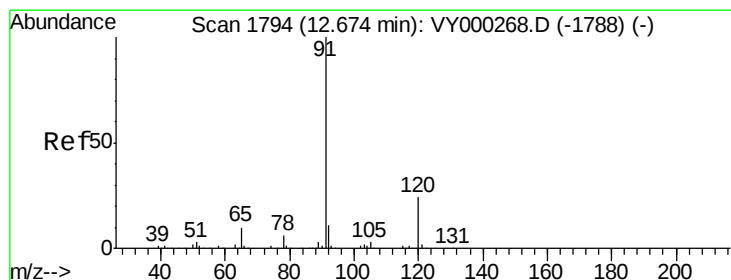
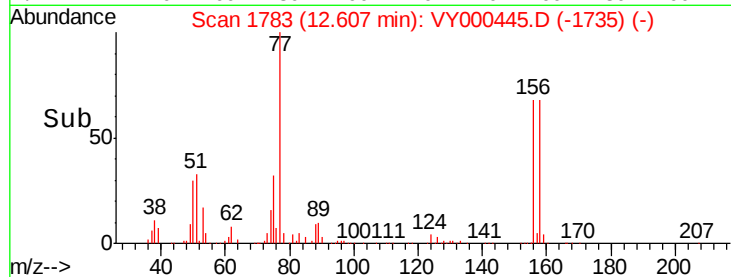
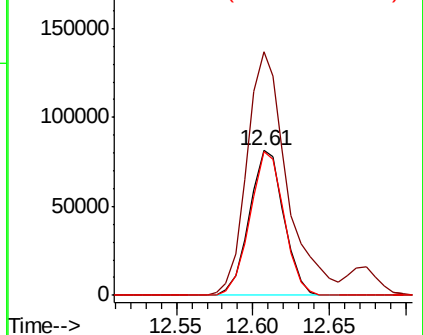
158 97.5 49.7 149.1



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: 48.613 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000445.D

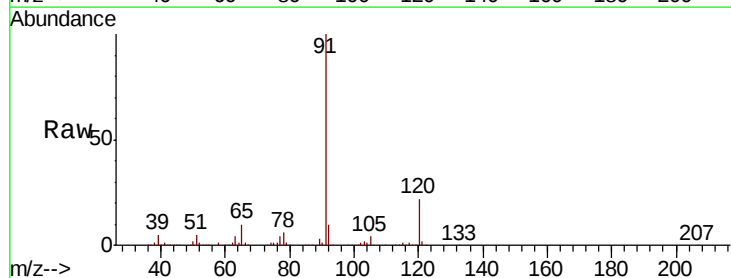
Acq: 25 Oct 2019 21:29

Tgt Ion: 91 Resp: 650551

Ion Ratio Lower Upper

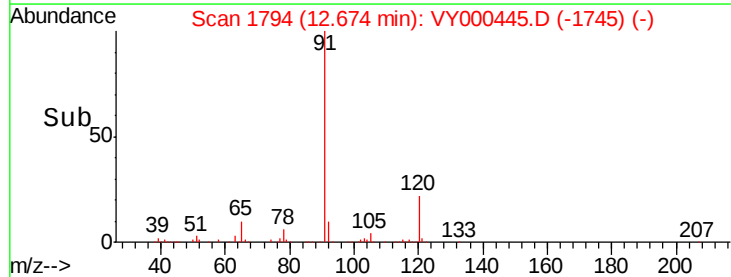
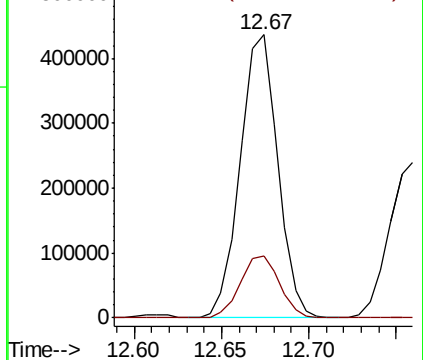
91 100

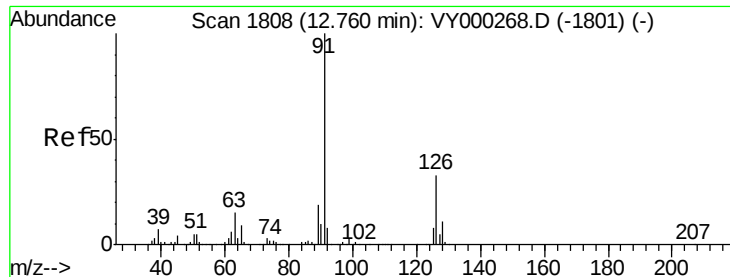
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.342 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :

MSVOA_Y

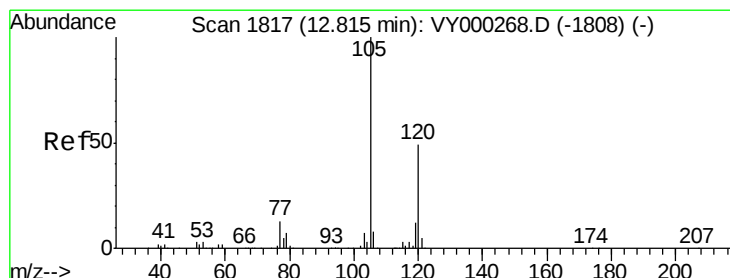
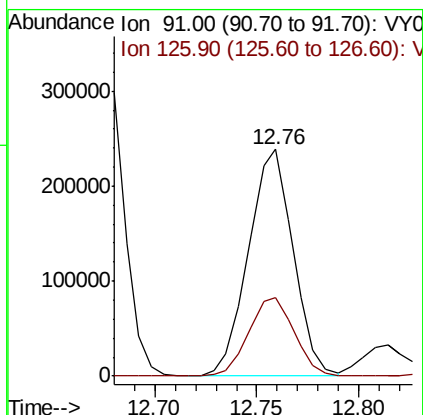
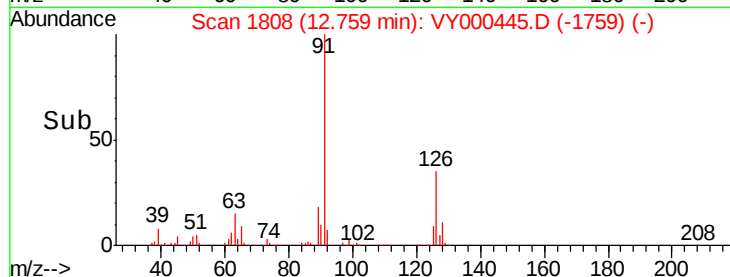
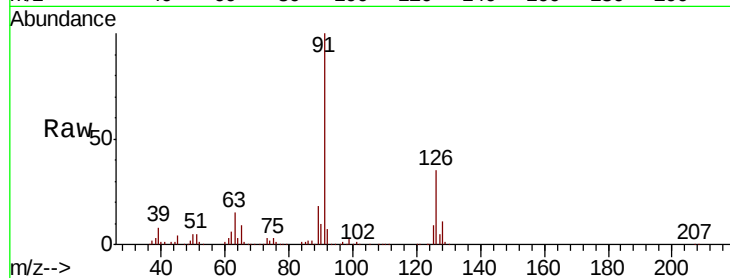
ClientSampleId :

Tot Ion: 91 Resp: 364664

Ion Ratio Lower Upper

91 100

126 35.4 17.1 51.3



#80

1,3,5-Trimethylbenzene

Concen: 48.975 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000445.D

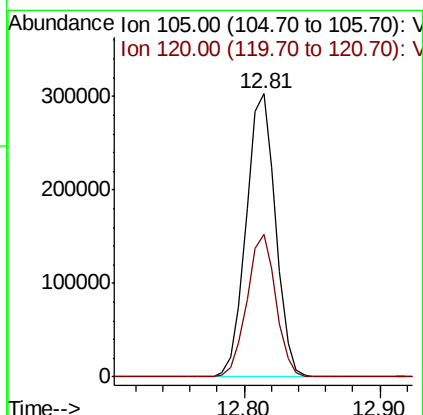
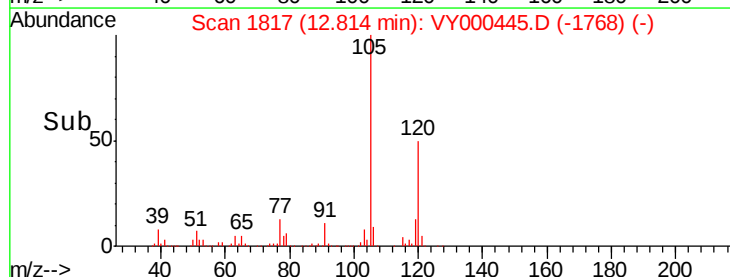
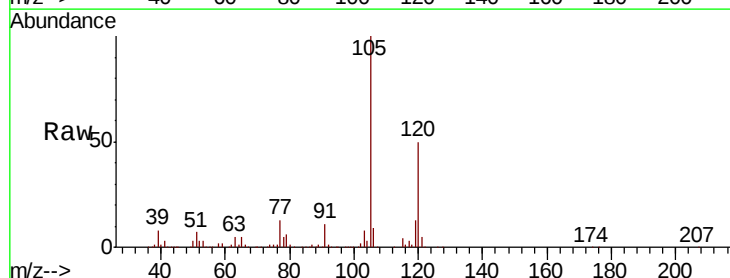
Acq: 25 Oct 2019 21:29

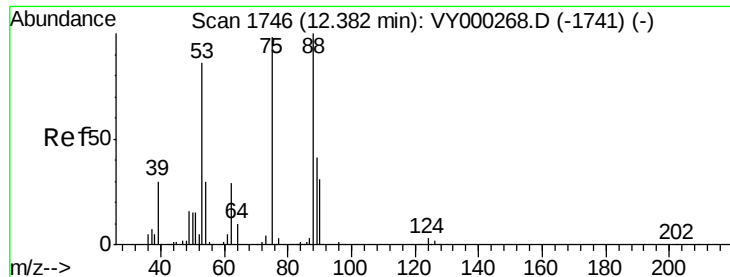
Tgt Ion: 105 Resp: 457728

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.097 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :

MSVOA_Y

ClientSampleId :

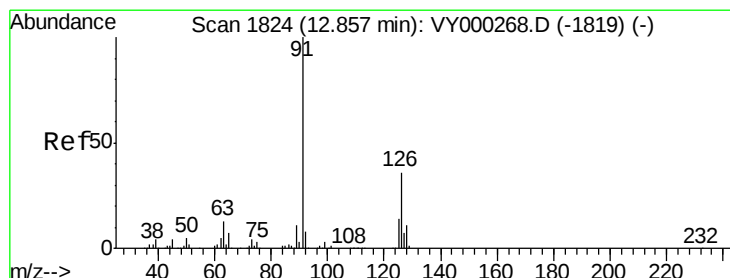
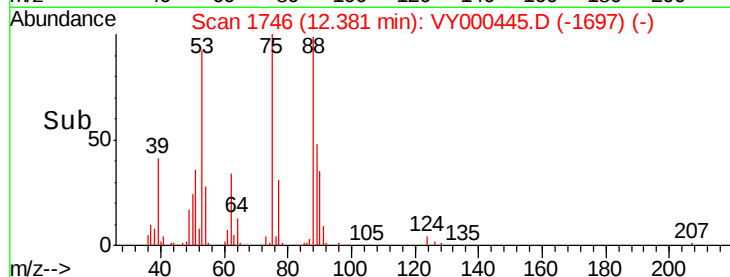
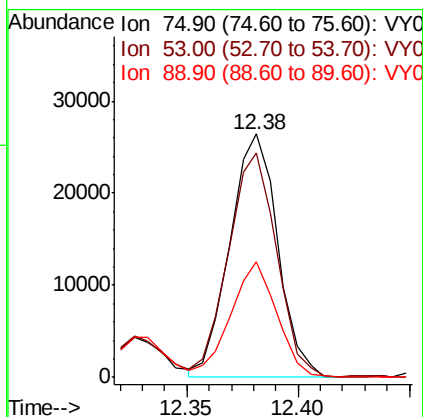
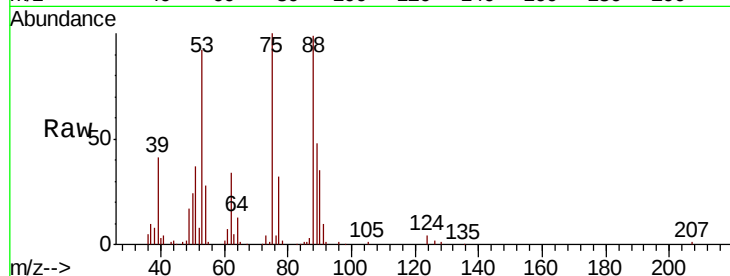
Tot Ion: 75 Resp: 39443

Ion Ratio Lower Upper

75 100

53 92.6 71.3 106.9

89 46.1 35.1 52.7



#82

4-Chlorotoluene

Concen: 50.079 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY000445.D

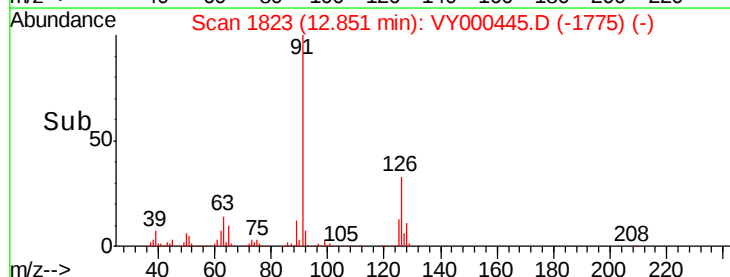
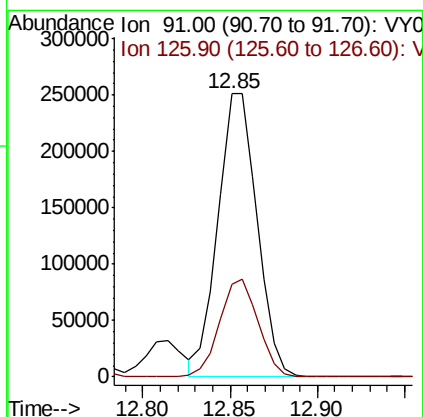
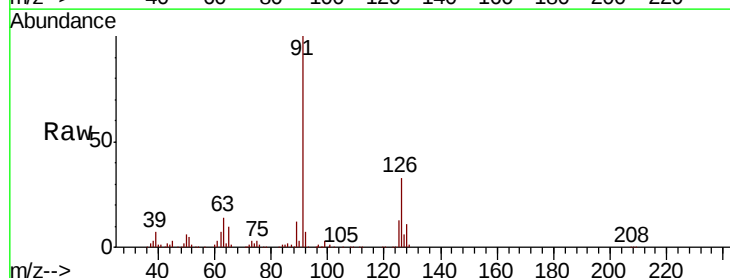
Acq: 25 Oct 2019 21:29

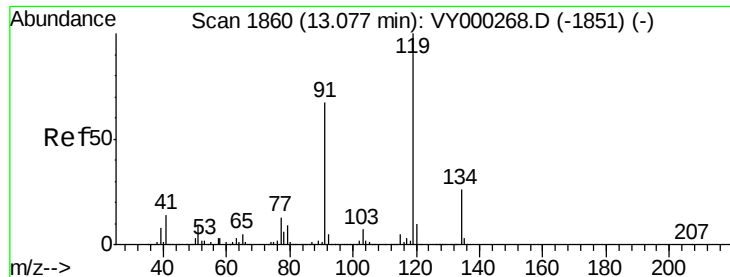
Tgt Ion: 91 Resp: 391228

Ion Ratio Lower Upper

91 100

126 34.1 17.2 51.5

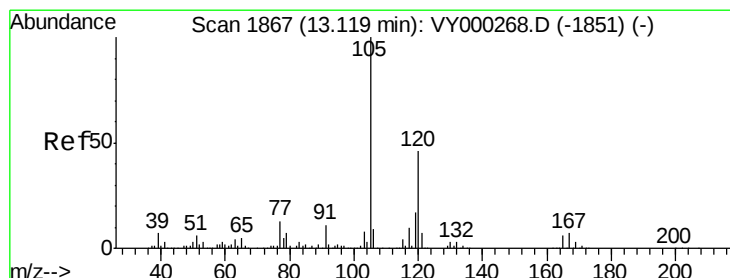
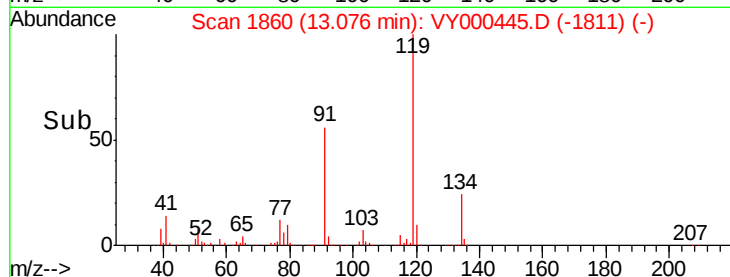
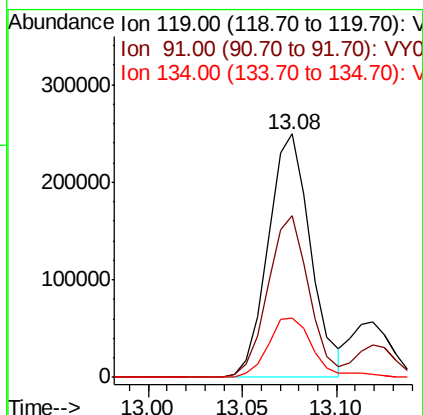
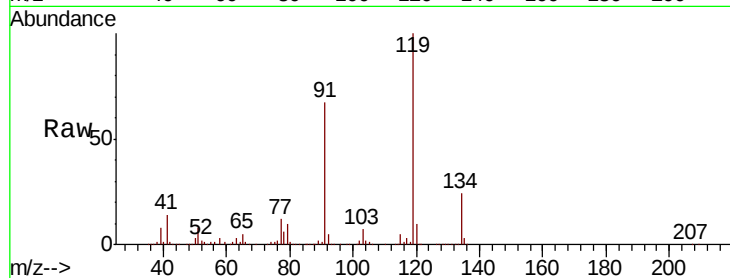




#83
tert-Butylbenzene
Concen: 49.190 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

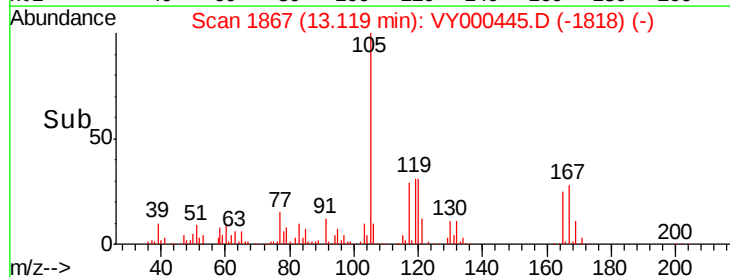
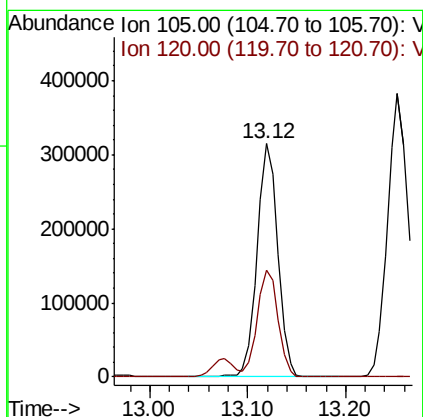
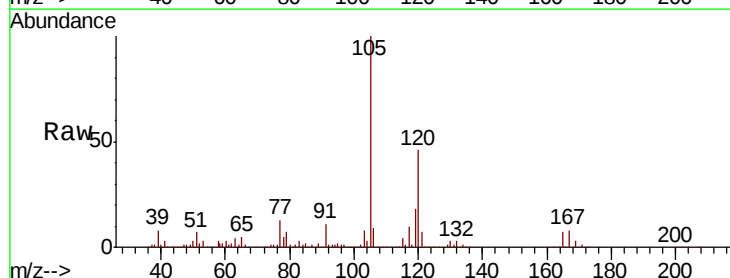
Instrument :
MSVOA_Y
ClientSampleId :

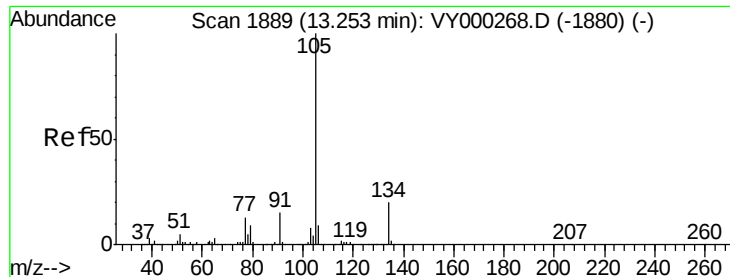
Tot Ion:119 Resp: 389323
Ion Ratio Lower Upper
119 100
91 64.3 32.9 98.7
134 26.1 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 50.131 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Tgt Ion:105 Resp: 462420
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.8





#85

sec-Butylbenzene

Concen: 48.781 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

Instrument :

MSVOA_Y

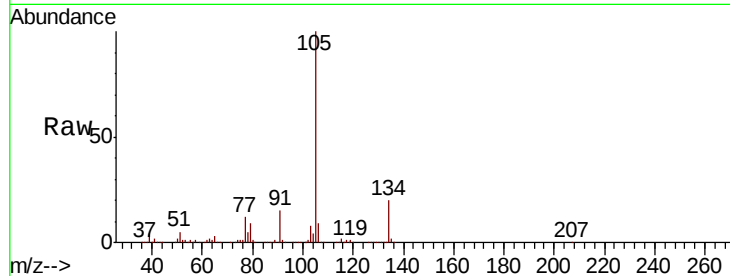
ClientSampleId :

Tot Ion:105 Resp: 558522

Ion Ratio Lower Upper

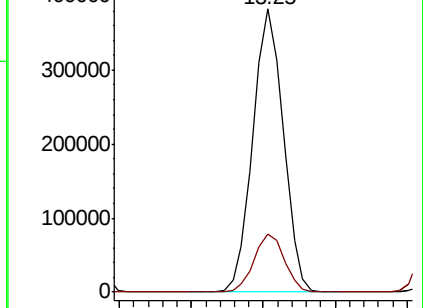
105 100

134 20.4 10.1 30.1

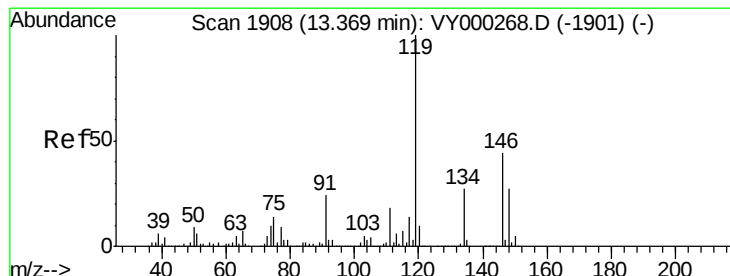
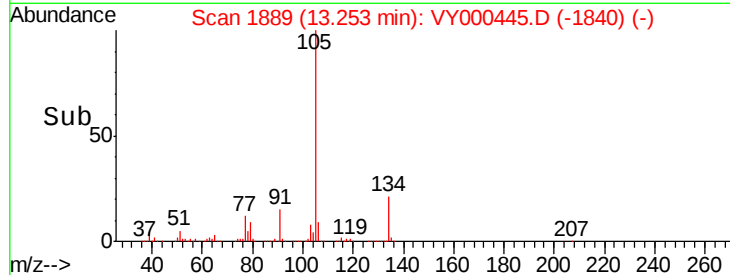


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 49.862 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000445.D

Acq: 25 Oct 2019 21:29

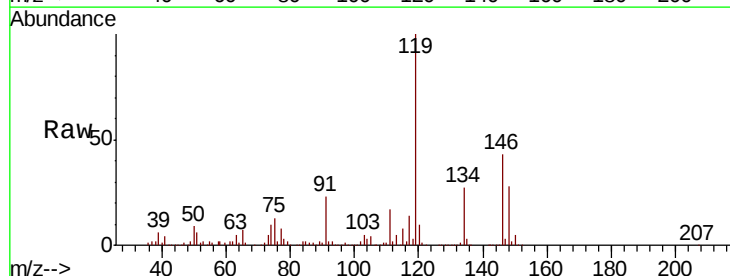
Tgt Ion:119 Resp: 497720

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

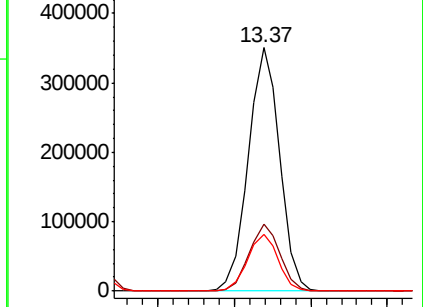
91 23.0 12.0 36.1



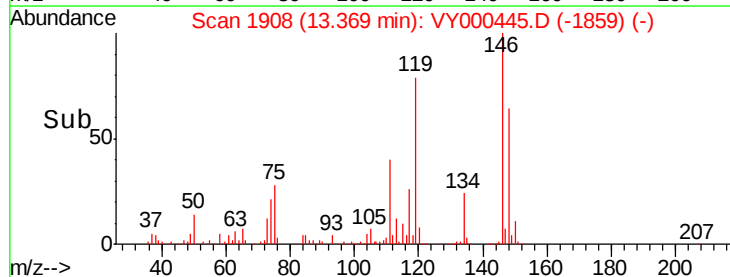
Abundance Ion 119.00 (118.70 to 119.70): V

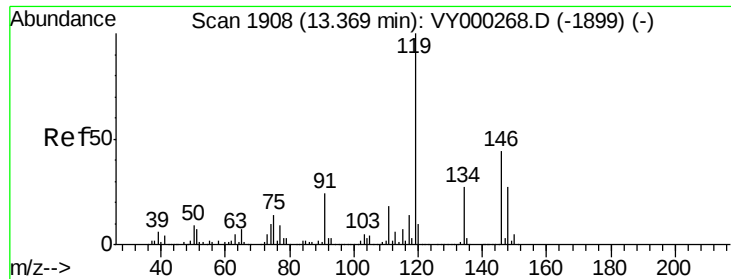
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time--> 13.30 13.35 13.40

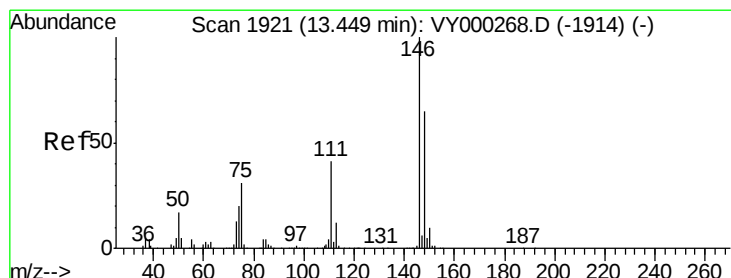
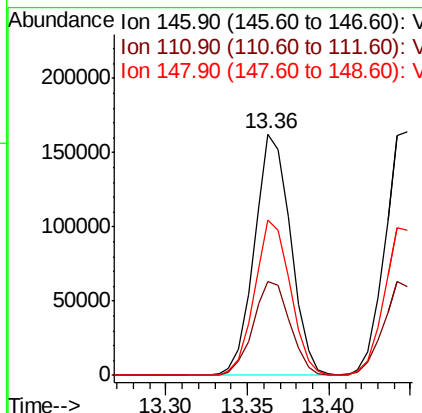
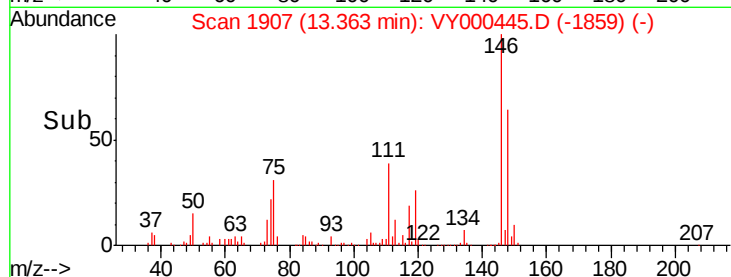
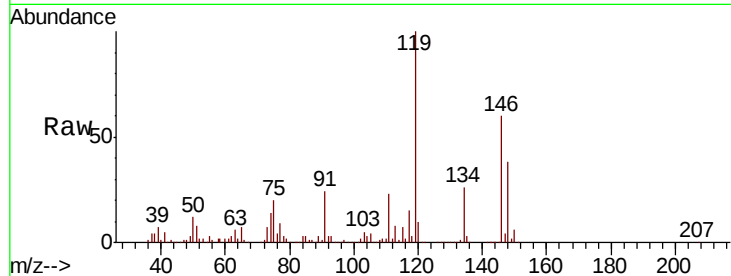




#87
 1,3-Dichlorobenzene
 Concen: 51.141 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

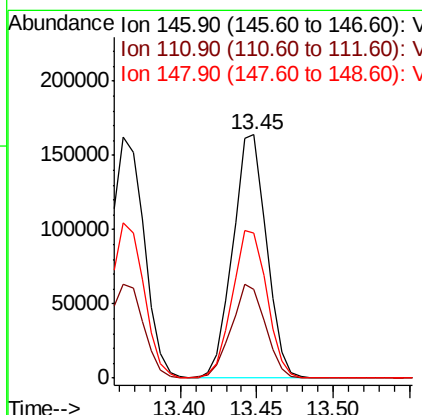
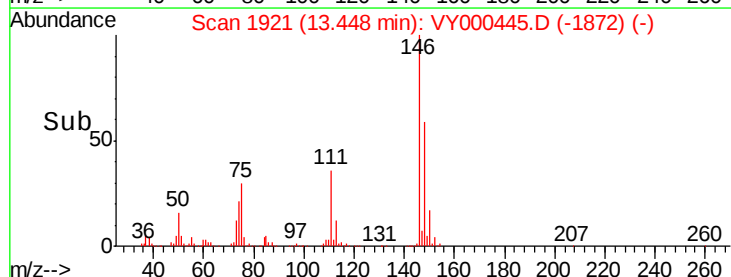
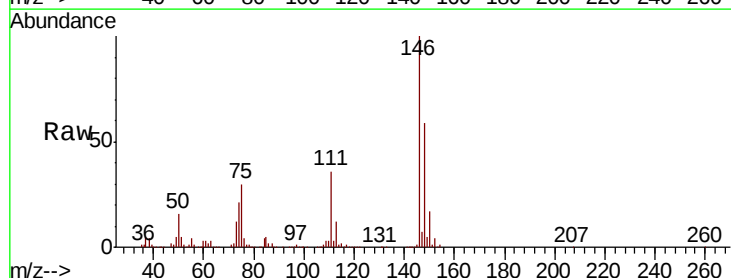
Instrument :
 MSVOA_Y
 ClientSampleId :

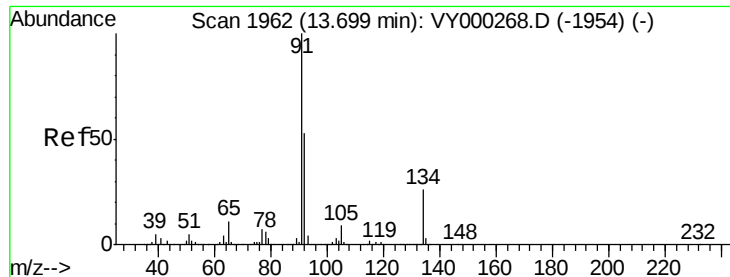
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.6	61.8
148	63.7	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 51.454 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.1	60.2
148	62.1	32.4	97.2

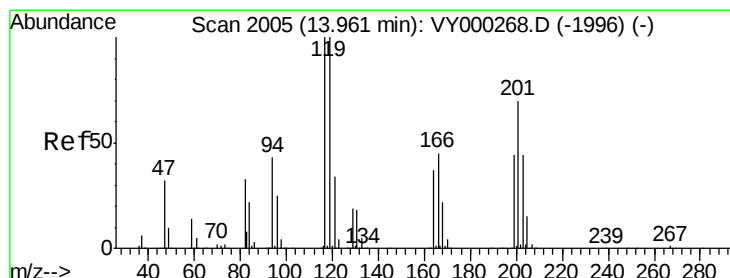
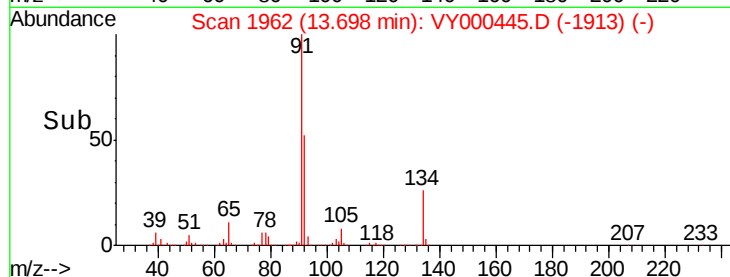
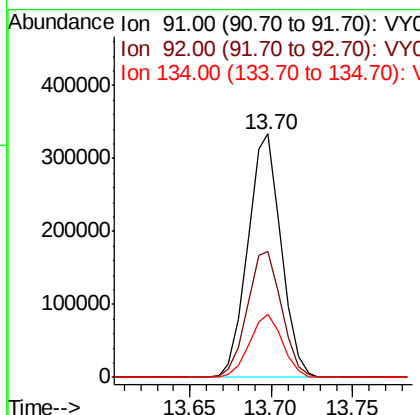
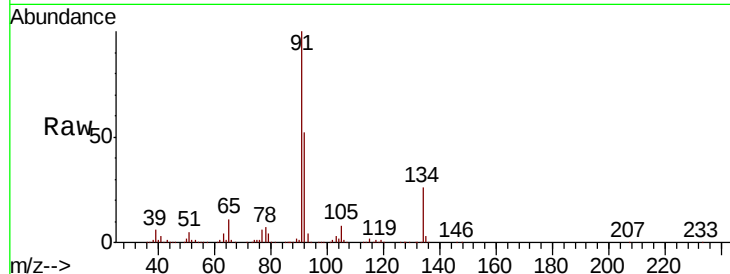




#89
n-Butylbenzene
Concen: 47.899 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

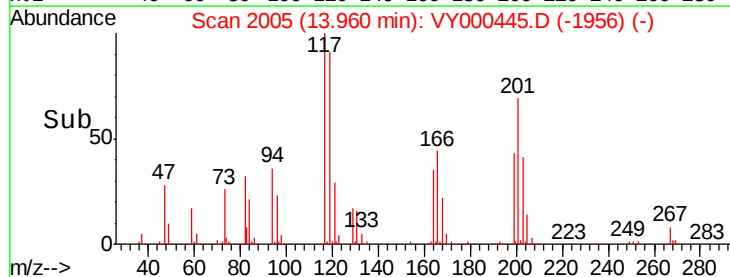
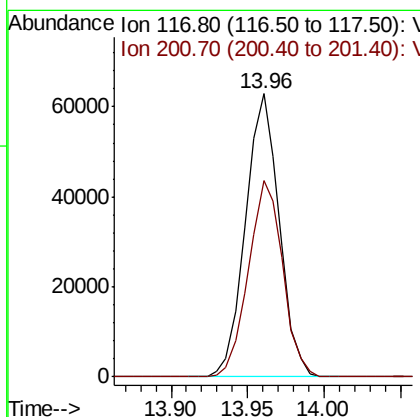
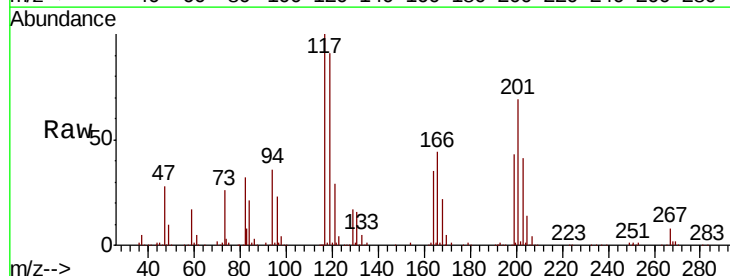
Instrument :
MSVOA_Y
ClientSampled :

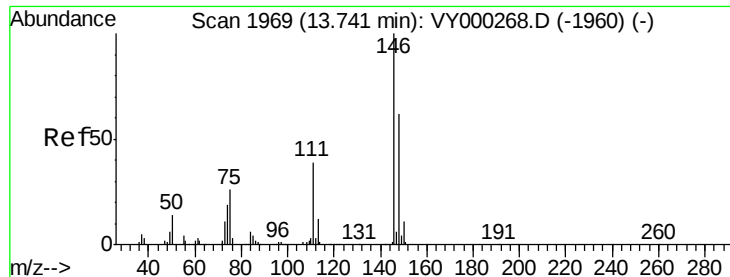
Tot Ion: 91 Resp: 472488
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.1
134 25.5 13.0 38.9



#90
Hexachloroethane
Concen: 51.944 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Tgt Ion: 117 Resp: 96011
Ion Ratio Lower Upper
117 100
201 70.9 36.3 108.7

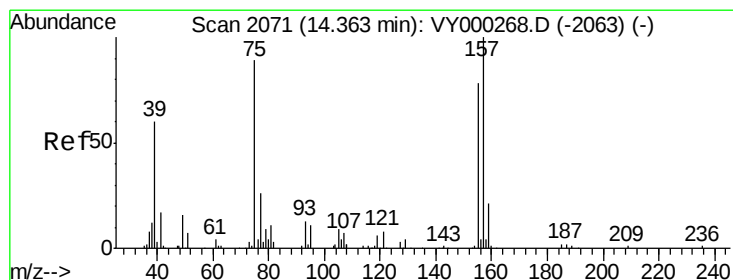
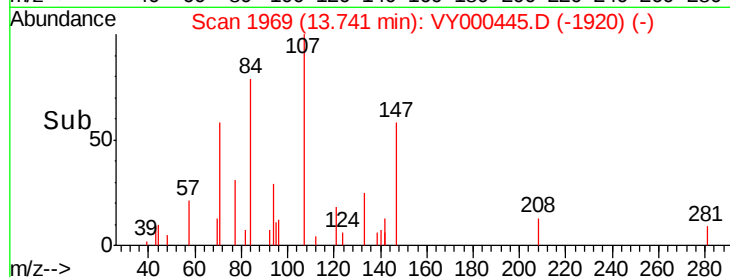
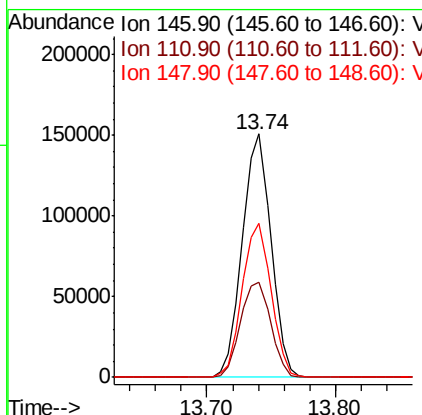
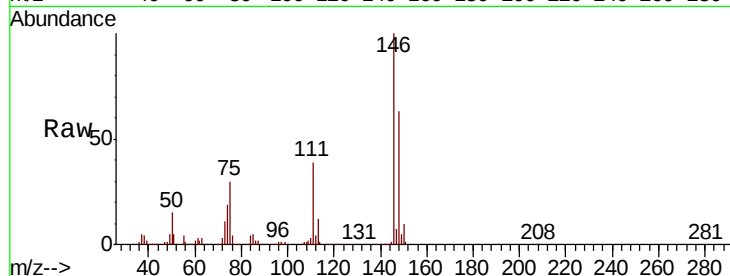




#91
 1,2-Dichlorobenzene
 Concen: 52.608 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

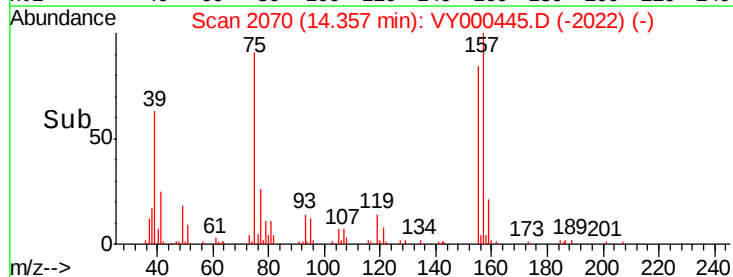
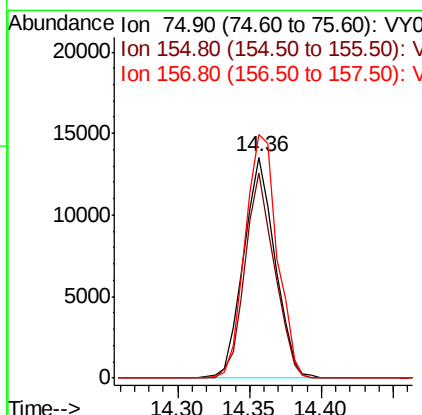
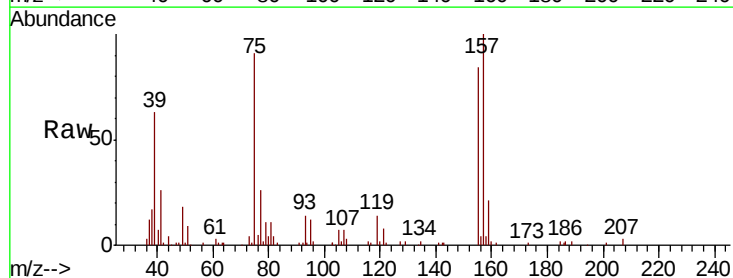
Instrument :
 MSVOA_Y
 ClientSampleId :

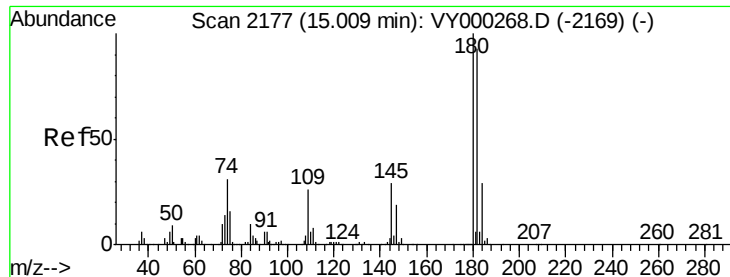
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.5
148	63.7	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.751 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.3	45.8	137.3
157	111.7	55.6	166.9

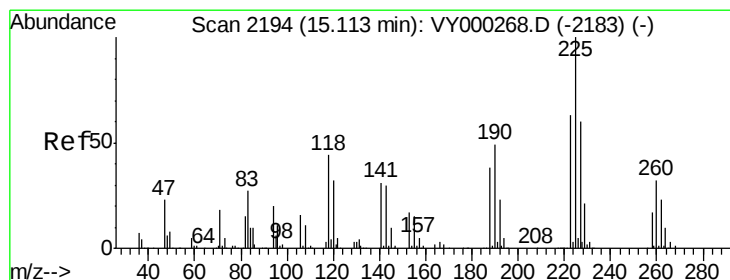
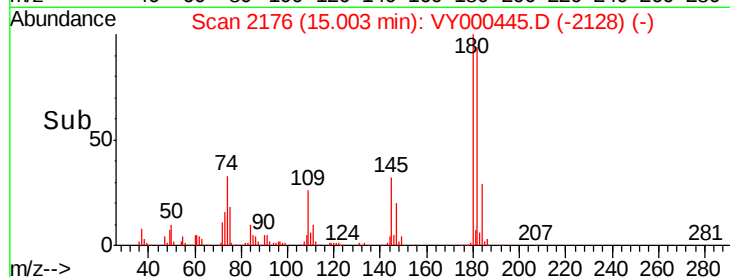
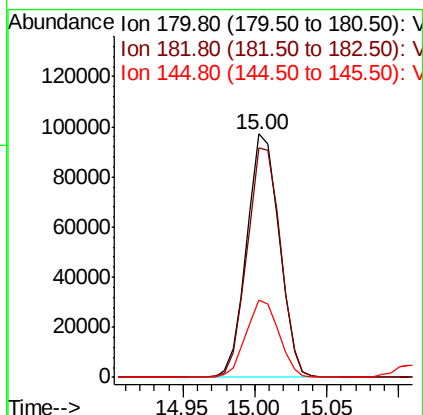
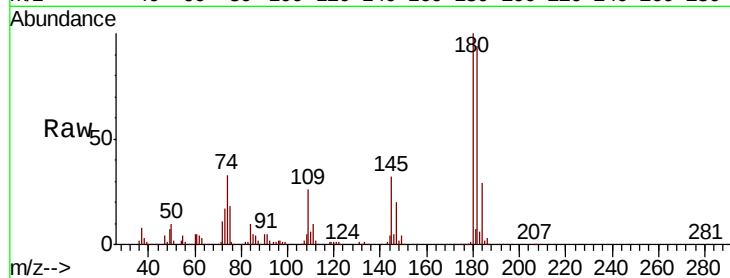




#93
 1,2,4-Trichlorobenzene
 Concen: 49.276 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

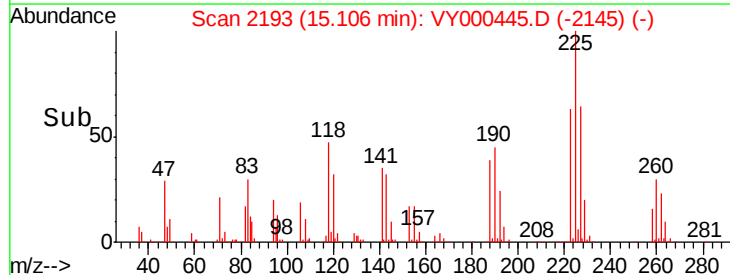
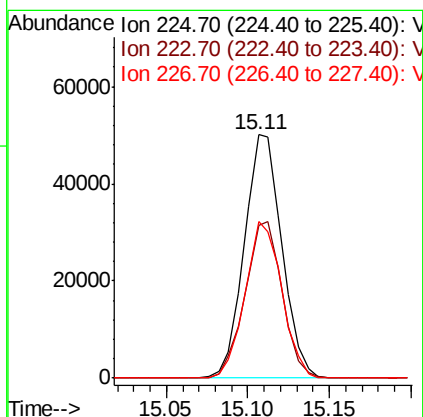
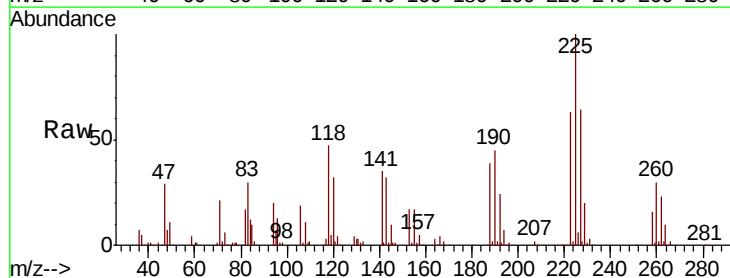
Instrument :
 MSVOA_Y
 ClientSampleId :

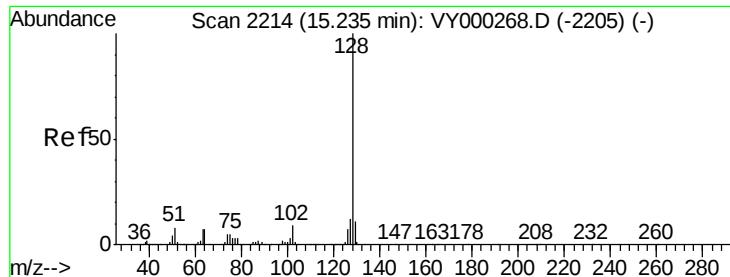
Tot Ion:180 Resp: 151723
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.5 142.6
 145 31.9 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 48.051 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY000445.D
 Acq: 25 Oct 2019 21:29

Tgt Ion:225 Resp: 80066
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.9 95.7
 227 62.7 31.4 94.2

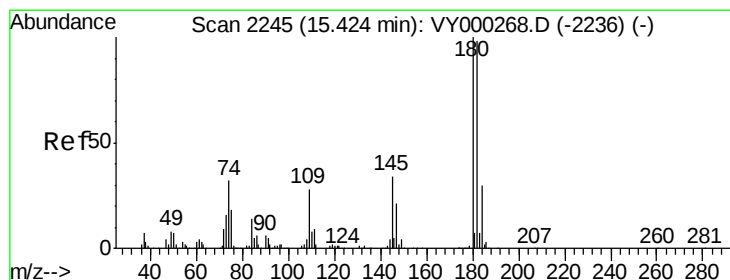
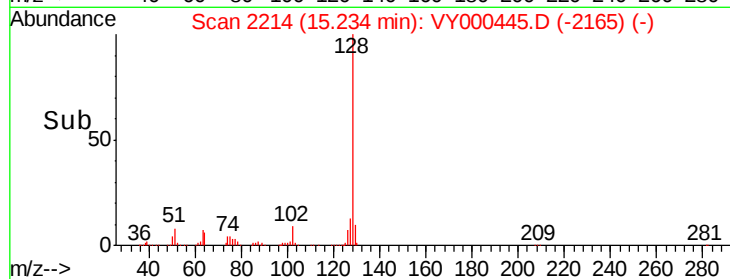
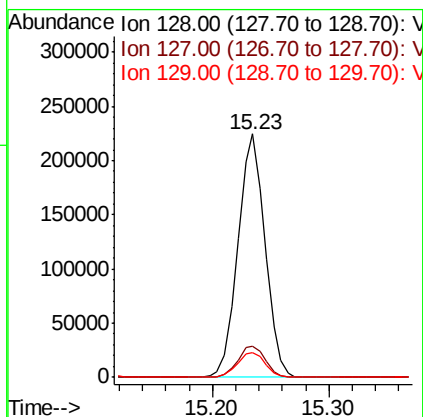
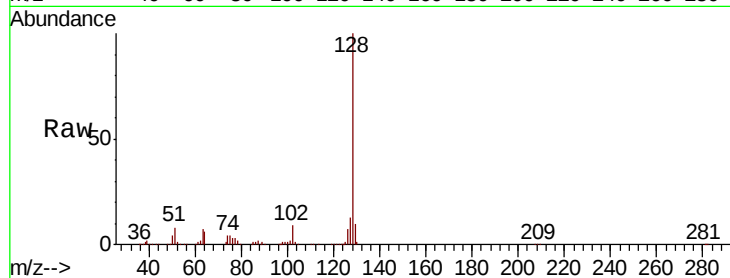




#95
Naphthalene
Concen: 53.052 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 364536
Ion Ratio Lower Upper
128 100
127 13.0 9.6 14.4
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.585 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000445.D
Acq: 25 Oct 2019 21:29

Tgt Ion:180 Resp: 145922
Ion Ratio Lower Upper
180 100
182 96.4 46.5 139.5
145 32.1 16.2 48.5

