

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000345.D
 Acq On : 18 Oct 2019 12:19
 Operator : SY/MD
 Sample : VY1018SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 00:52:34 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	281258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	464981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	422172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	206098	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	166880	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
35) Dibromofluoromethane	7.73	113	150305	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
50) Toluene-d8	10.19	98	600842	55.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.38%	
62) 4-Bromofluorobenzene	12.49	95	217473	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	56607	23.138	ug/l	98
3) Chloromethane	2.12	50	74134	21.570	ug/l	98
4) Vinyl Chloride	2.26	62	74224	21.399	ug/l	93
5) Bromomethane	2.64	94	54802	21.319	ug/l	96
6) Chloroethane	2.79	64	48828	21.818	ug/l	98
7) Trichlorofluoromethane	3.13	101	105780	22.295	ug/l	98
8) Diethyl Ether	3.54	74	36535	21.797	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	64360	22.367	ug/l	97
10) Methyl Iodide	4.10	142	81872	20.688	ug/l	99
11) Tert butyl alcohol	4.97	59	32303	104.042	ug/l	99
12) 1,1-Dichloroethene	3.88	96	62757	22.093	ug/l	96
13) Acrolein	3.74	56	32011	87.941	ug/l	97
14) Allyl chloride	4.49	41	106848	22.698	ug/l	95
15) Acrylonitrile	5.18	53	102272	109.013	ug/l	95
16) Acetone	3.96	43	86209	89.728	ug/l	98
17) Carbon Disulfide	4.20	76	191297	21.389	ug/l	97
18) Methyl Acetate	4.49	43	52452	21.972	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	180369	22.809	ug/l	97
20) Methylene Chloride	4.72	84	76979	20.581	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	69190	21.230	ug/l	94
22) Diisopropyl ether	6.13	45	226627	22.762	ug/l	96
23) Vinyl Acetate	6.08	43	727055	111.934	ug/l	97
24) 1,1-Dichloroethane	6.03	63	122546	22.549	ug/l	97
25) 2-Butanone	7.00	43	143259	105.848	ug/l	98
26) 2,2-Dichloropropane	7.00	77	108748	21.716	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	79239	22.469	ug/l	98
28) Bromochloromethane	7.35	49	47320	20.283	ug/l	97
29) Tetrahydrofuran	7.36	42	91179	111.162	ug/l	98
30) Chloroform	7.52	83	121331	22.169	ug/l	97
31) Cyclohexane	7.80	56	120394	21.211	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	106457	21.879	ug/l	98
36) 1,1-Dichloropropene	7.93	75	97316	21.377	ug/l	97
37) Ethyl Acetate	7.09	43	59112	21.929	ug/l	98
38) Carbon Tetrachloride	7.91	117	94631	21.469	ug/l	94

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	127695	21.431	ug/l	95
40) Benzene	8.17	78	281891	21.427	ug/l	100
41) Methacrylonitrile	7.36	41	79594	62.032	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	82616	21.984	ug/l	99
43) Isopropyl Acetate	8.28	43	114130	22.267	ug/l	99
44) Trichloroethene	8.95	130	78228	21.192	ug/l	95
45) 1,2-Dichloropropane	9.22	63	73037	22.622	ug/l	92
46) Dibromomethane	9.32	93	38471	21.316	ug/l	99
47) Bromodichloromethane	9.50	83	93401	21.959	ug/l	99
48) Methyl methacrylate	9.30	41	48516	21.599	ug/l	98
49) 1,4-Dioxane	9.31	88	10743	396.992	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	298916	113.073	ug/l	99
52) Toluene	10.25	92	180693	21.633	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	102163	22.412	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	114689	22.155	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	57706	21.990	ug/l	96
56) Ethyl methacrylate	10.52	69	84721	22.651	ug/l	100
57) 1,3-Dichloropropane	10.80	76	100926	22.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	196247	131.541	ug/l	98
59) 2-Hexanone	10.84	43	215239	115.997	ug/l	99
60) Dibromochloromethane	10.99	129	64378	22.134	ug/l	100
61) 1,2-Dibromoethane	11.10	107	53808	21.356	ug/l	98
64) Tetrachloroethene	10.72	164	82640	20.562	ug/l	97
65) Chlorobenzene	11.52	112	190972	21.434	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	67396	21.534	ug/l	99
67) Ethyl Benzene	11.60	91	354029	21.435	ug/l	99
68) m/p-Xylenes	11.70	106	266583	42.221	ug/l	98
69) o-Xylene	12.03	106	127461	21.161	ug/l	99
70) Styrene	12.05	104	213699	21.037	ug/l	99
71) Bromoform	12.21	173	37883	21.055	ug/l #	99
73) Isopropylbenzene	12.33	105	341526	21.252	ug/l	99
74) N-amyl acetate	12.14	43	97616	24.743	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	66804	22.141	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	95286	37.599	ug/l #	100
77) Bromobenzene	12.61	156	75287	21.054	ug/l	98
78) n-propylbenzene	12.67	91	410101	21.255	ug/l	99
79) 2-Chlorotoluene	12.76	91	230950	21.674	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	288020	21.374	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	24736	21.356	ug/l	99
82) 4-Chlorotoluene	12.86	91	242332	21.515	ug/l	99
83) tert-Butylbenzene	13.08	119	240508	21.076	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	289785	21.789	ug/l	100
85) sec-Butylbenzene	13.25	105	351856	21.314	ug/l	100
86) p-Isopropyltoluene	13.37	119	312354	21.703	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	150284	21.330	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	153978	21.865	ug/l	99
89) n-Butylbenzene	13.70	91	305420	21.475	ug/l	100
90) Hexachloroethane	13.96	117	56653	21.258	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	139449	21.870	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12629	22.069	ug/l	94

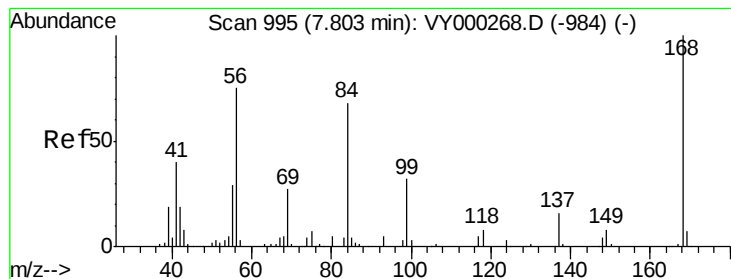
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
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ClientSampleId :

Quant Time: Oct 19 00:52:34 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)
93) 1,2,4-Trichlorobenzene	15.01	180	95809	21.582	ug/l	100
94) Hexachlorobutadiene	15.11	225	51005	21.230	ug/l	98
95) Naphthalene	15.23	128	214532	21.655	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	86756	21.684	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

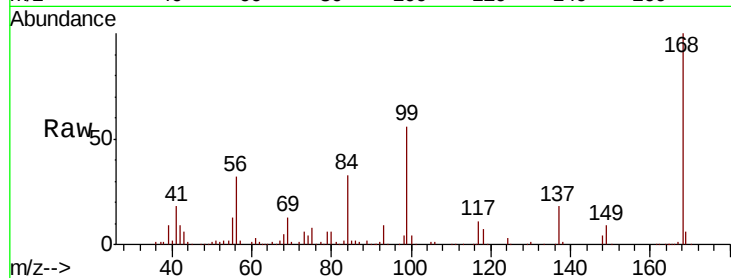
ClientSampleId :

Tot Ion:168 Resp: 281258

Ion Ratio Lower Upper

168 100

99 56.4 46.6 69.8



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

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

7.80

150000

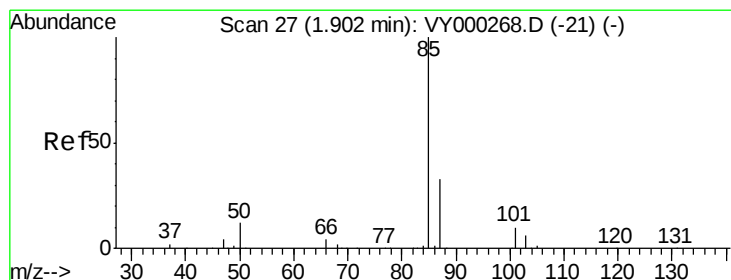
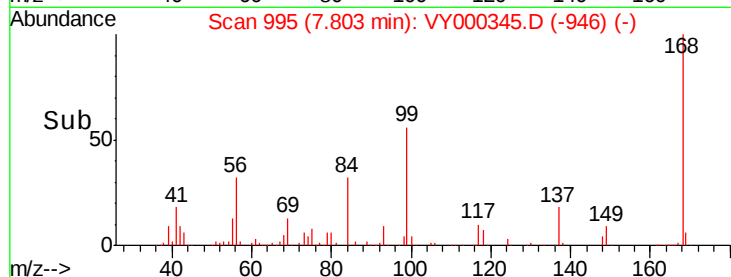
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.138 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000345.D

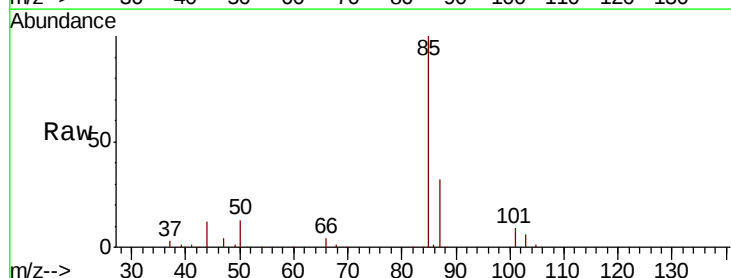
Acq: 18 Oct 2019 12:19

Tgt Ion: 85 Resp: 56607

Ion Ratio Lower Upper

85 100

87 32.1 16.6 49.8



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

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

1.90

40000

30000

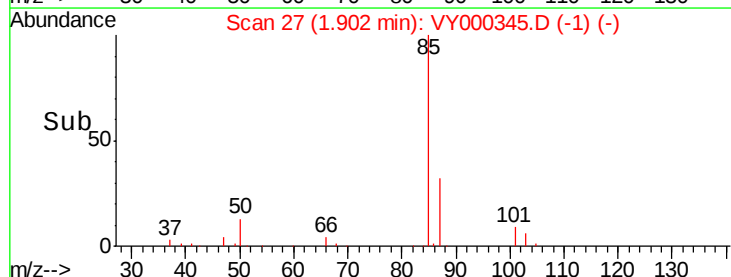
20000

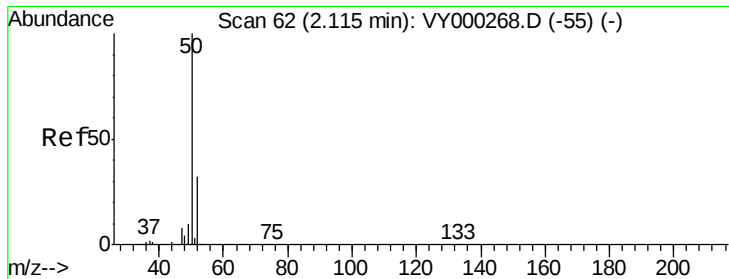
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.570 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

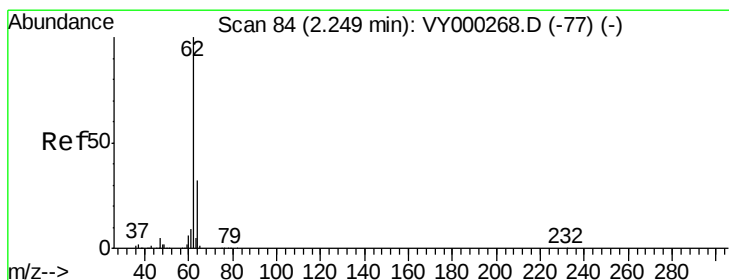
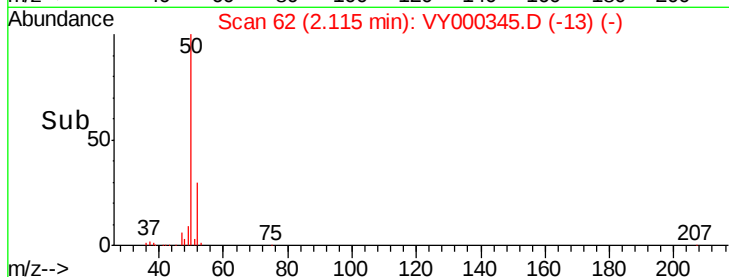
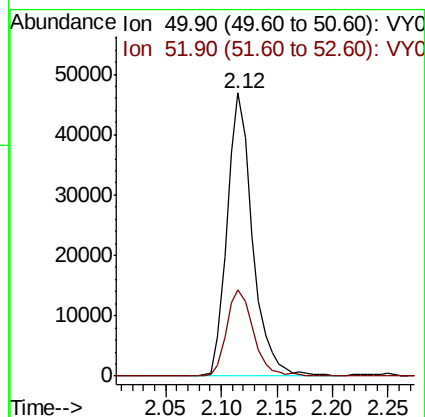
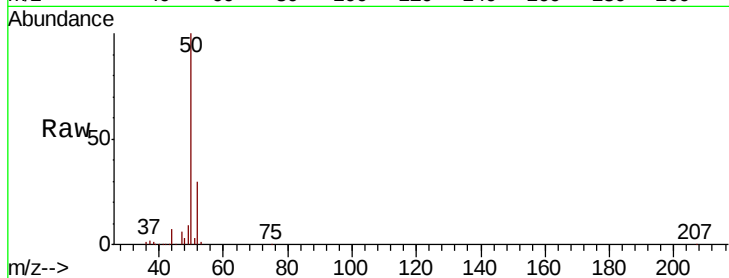
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 74134

Ion Ratio Lower Upper

50 100

52 30.5 25.3 37.9



#4

Vinyl Chloride

Concen: 21.399 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000345.D

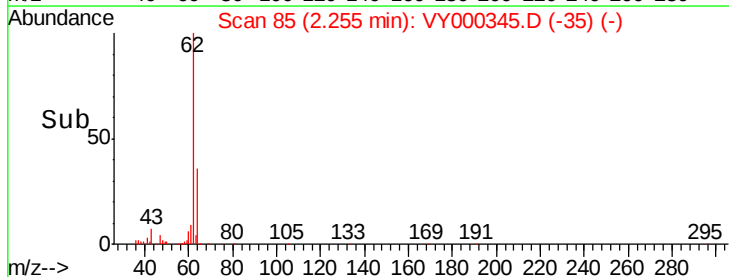
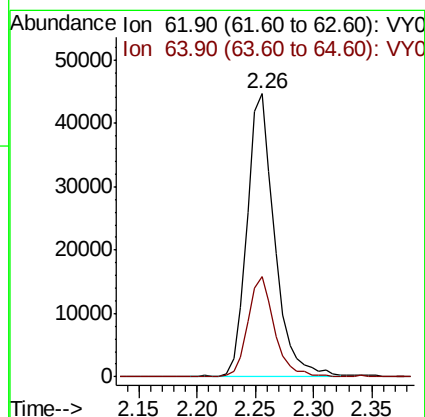
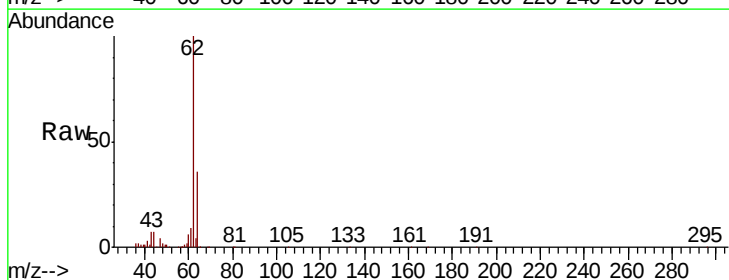
Acq: 18 Oct 2019 12:19

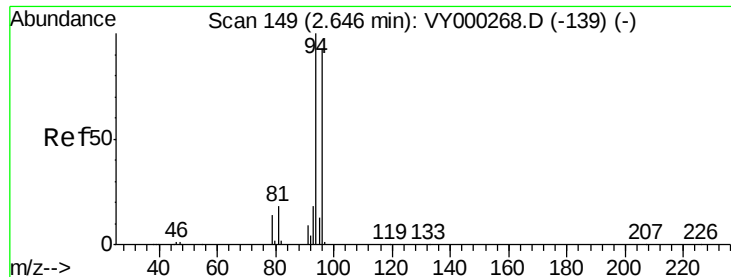
Tgt Ion: 62 Resp: 74224

Ion Ratio Lower Upper

62 100

64 35.7 25.6 38.4





#5

Bromomethane

Concen: 21.319 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

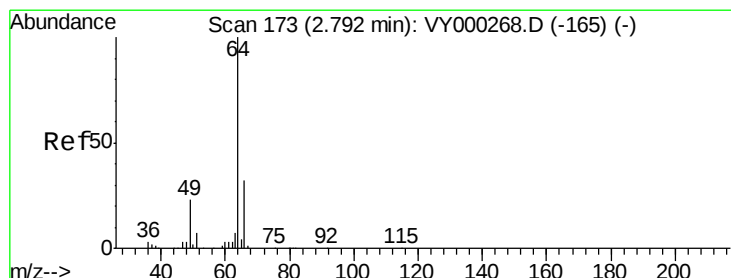
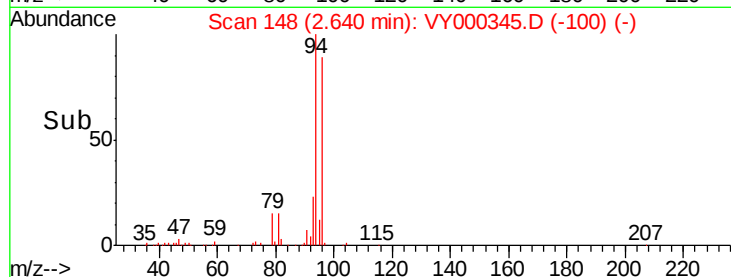
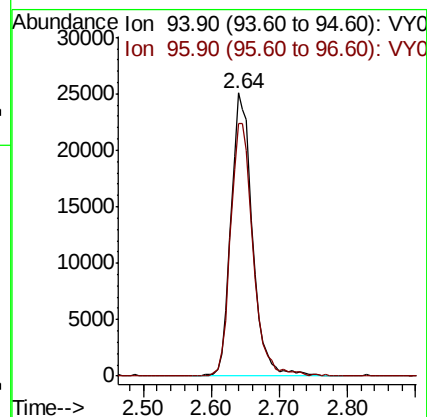
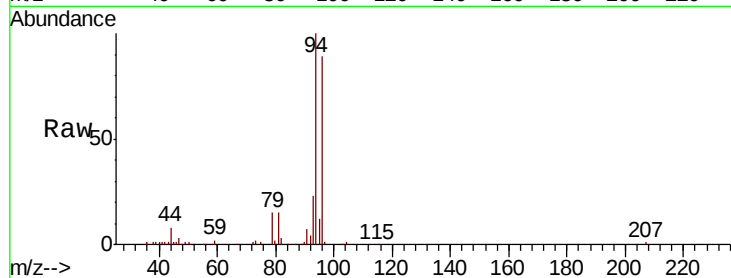
ClientSampleId :

Tot Ion: 94 Resp: 54802

Ion Ratio Lower Upper

94 100

96 89.1 74.2 111.2



#6

Chloroethane

Concen: 21.818 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000345.D

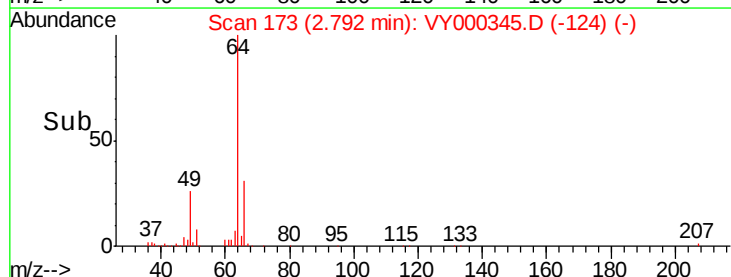
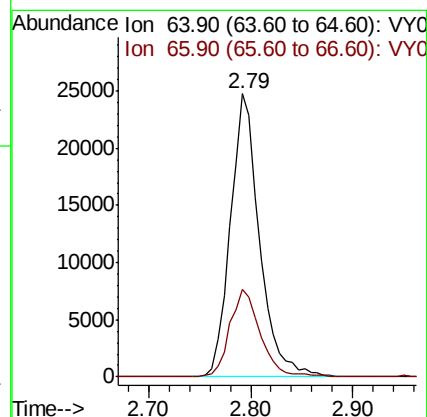
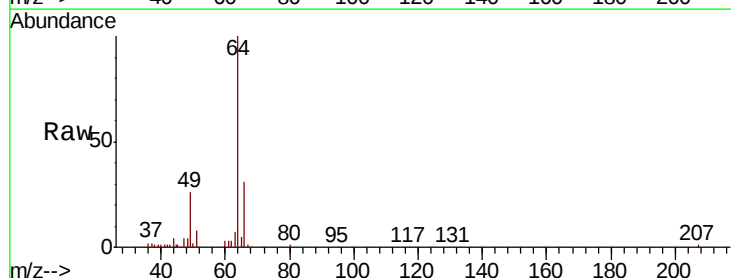
Acq: 18 Oct 2019 12:19

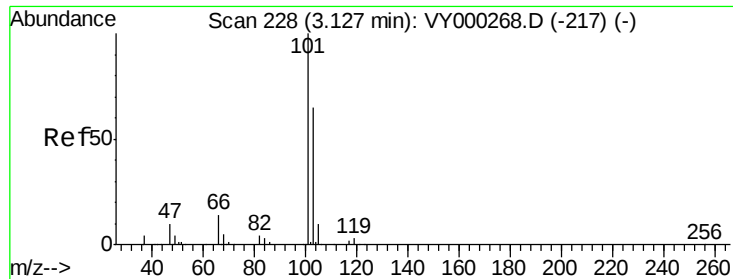
Tgt Ion: 64 Resp: 48828

Ion Ratio Lower Upper

64 100

66 31.0 25.6 38.4



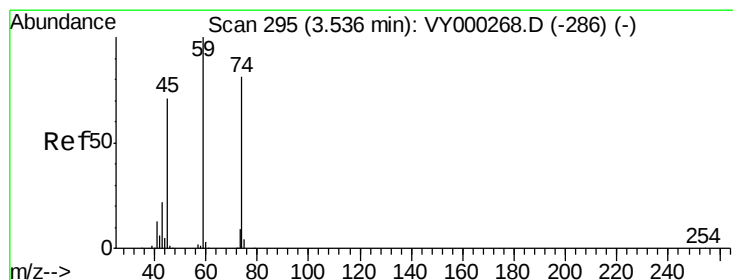
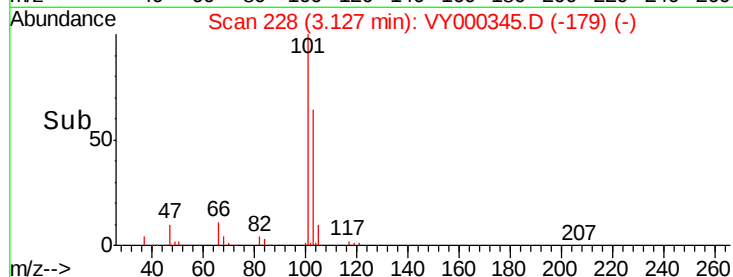
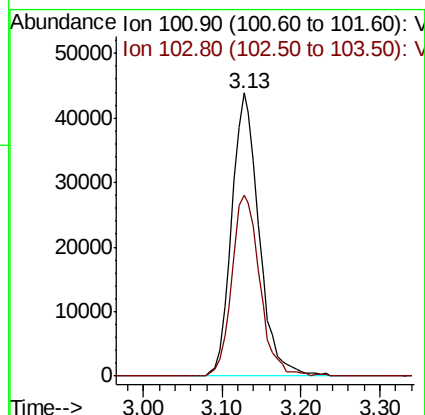
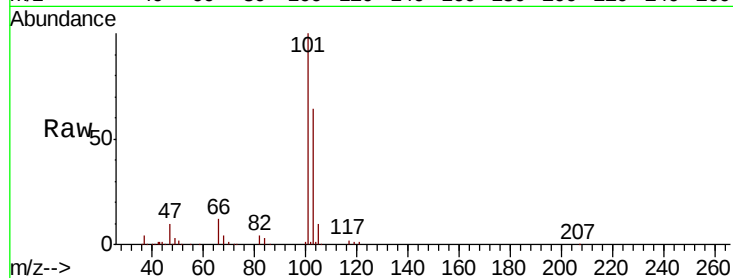


#7

Trichlorofluoromethane
 Concen: 22.295 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :

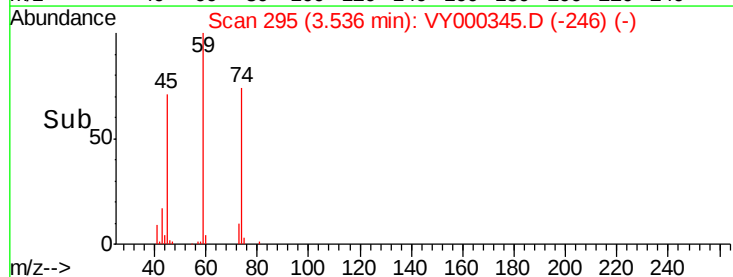
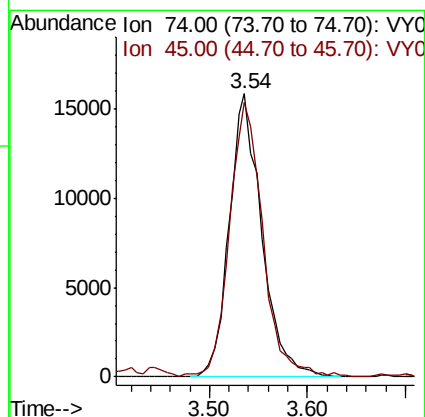
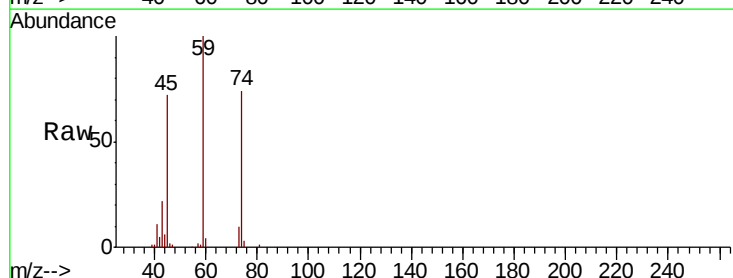
Tot Ion:101 Resp: 105780
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.2 78.4

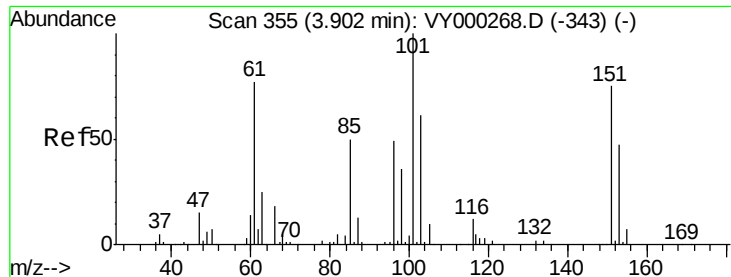


#8

Diethyl Ether
 Concen: 21.797 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion: 74 Resp: 36535
 Ion Ratio Lower Upper
 74 100
 45 98.3 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.367 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

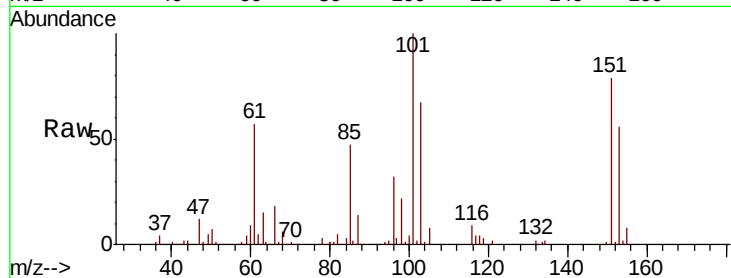
Tot Ion:101 Resp: 64360

Ion Ratio Lower Upper

101 100

85 43.7 36.6 55.0

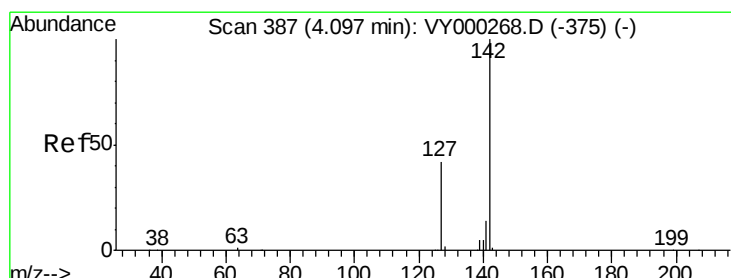
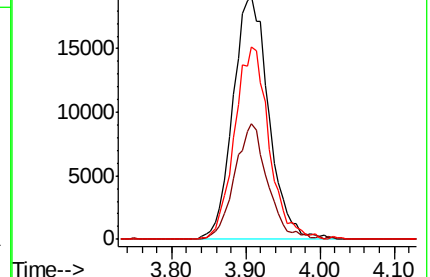
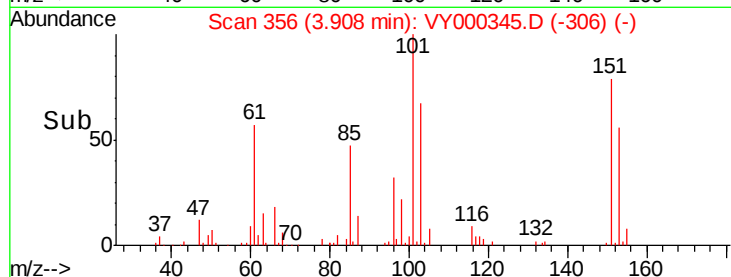
151 76.5 63.1 94.7



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: 20.688 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

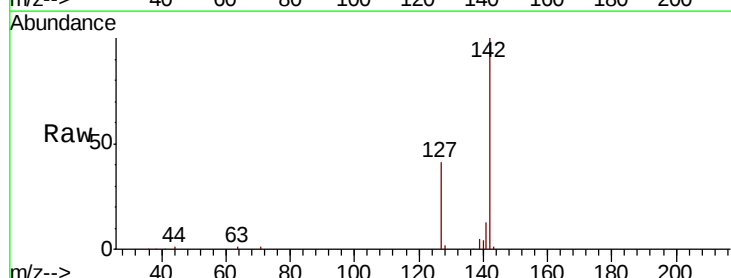
Tgt Ion:142 Resp: 81872

Ion Ratio Lower Upper

142 100

127 42.7 33.9 50.9

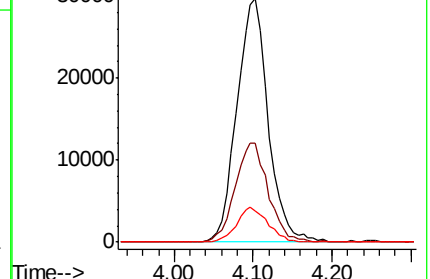
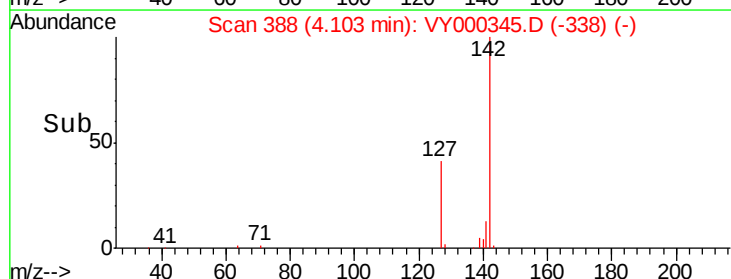
141 14.3 11.2 16.8

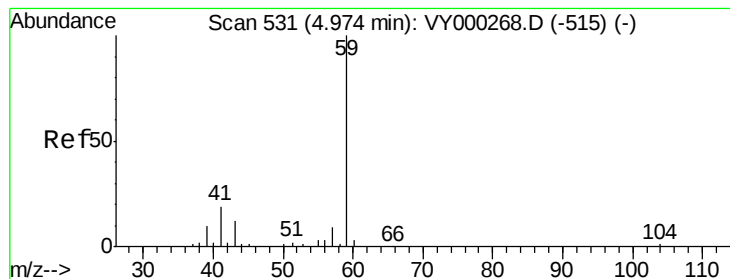


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



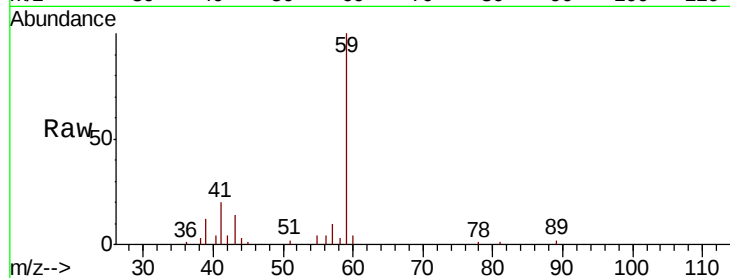


#11

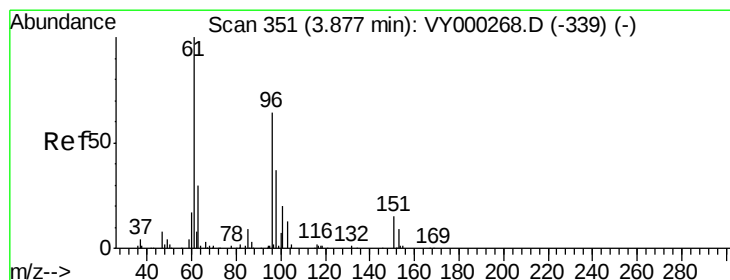
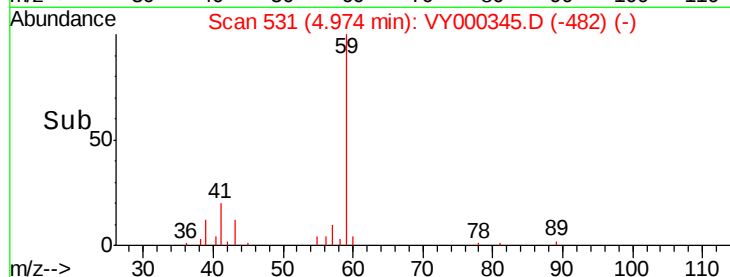
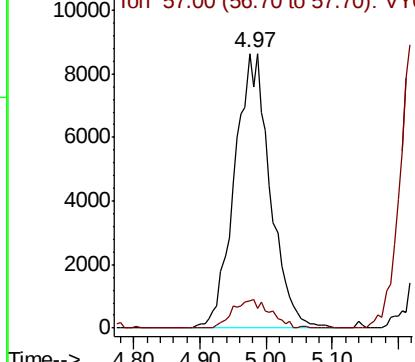
Tert butyl alcohol
Concen: 104.042 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 59 Resp: 32303
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2



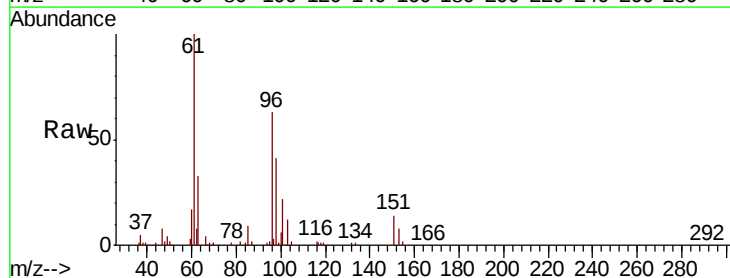
Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0



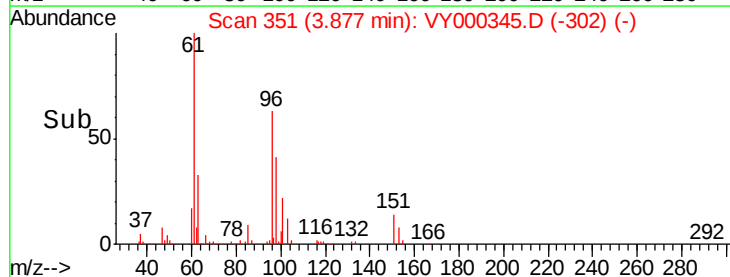
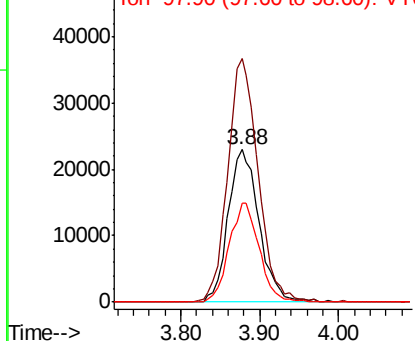
#12

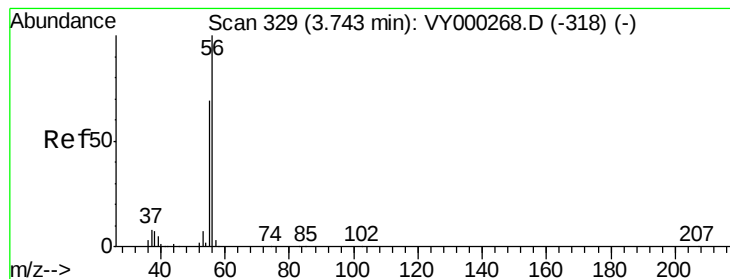
1,1-Dichloroethene
Concen: 22.093 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 96 Resp: 62757
Ion Ratio Lower Upper
96 100
61 159.8 125.8 188.6
98 65.0 46.2 69.2



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





#13

Acrolein

Concen: 87.941 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

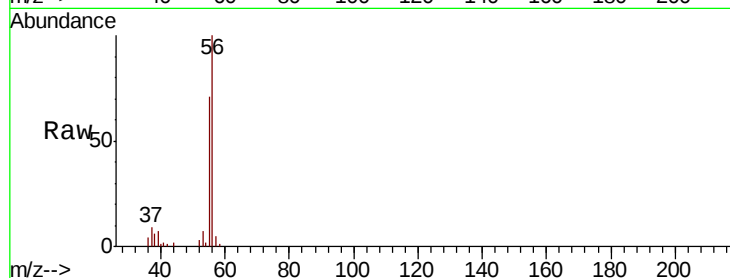
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 32011

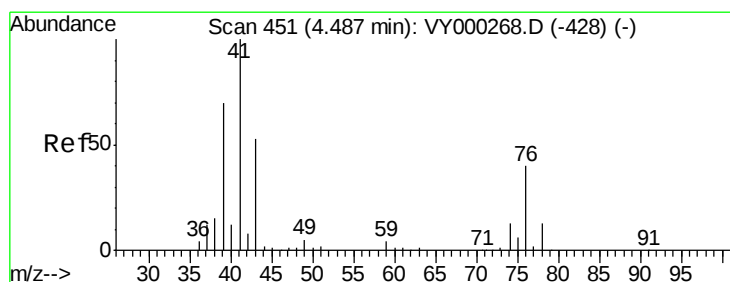
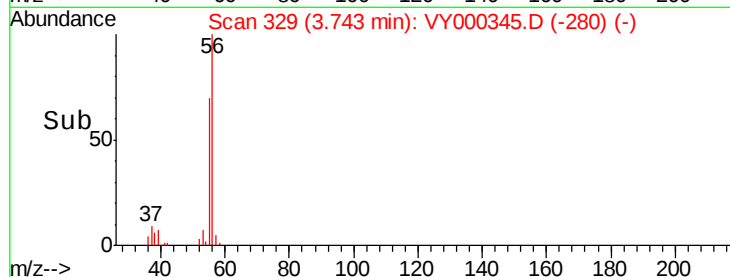
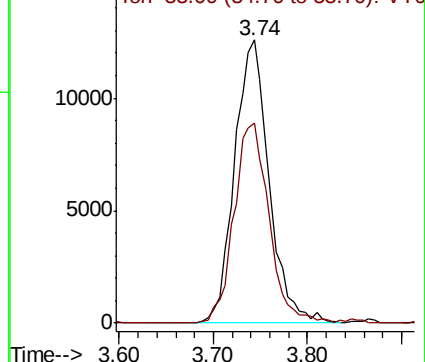
Ion Ratio Lower Upper

56 100

55 71.9 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 22.698 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

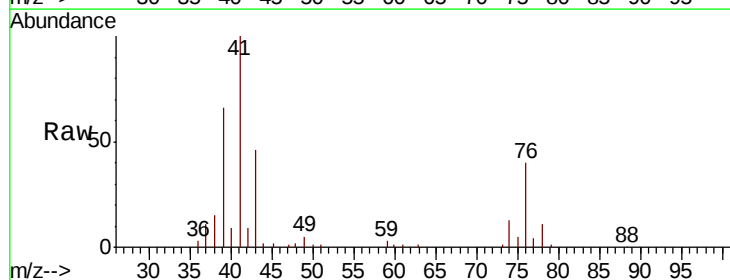
Tgt Ion: 41 Resp: 106848

Ion Ratio Lower Upper

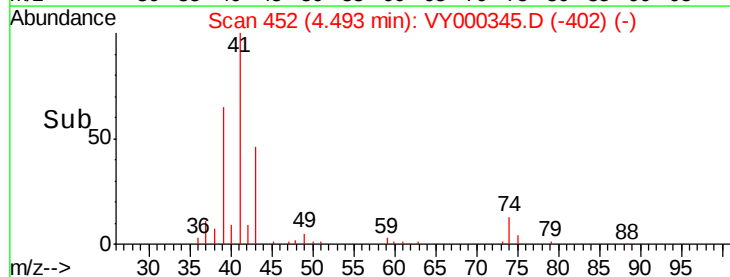
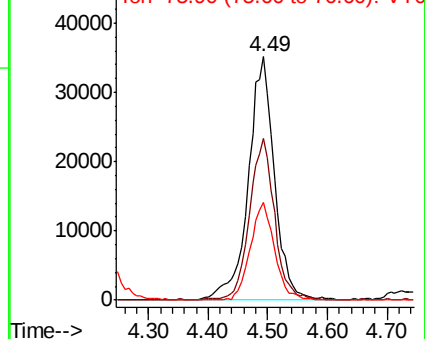
41 100

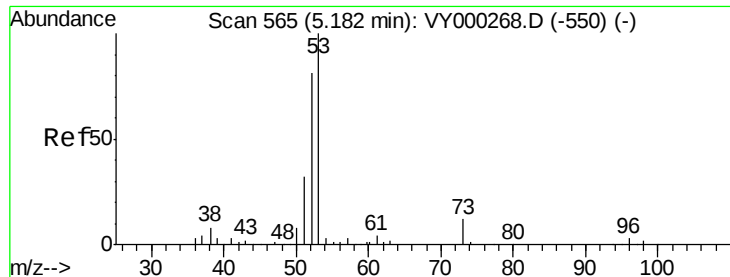
39 61.9 54.0 81.0

76 37.4 30.7 46.1



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 109.013 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :
MSVOA_Y
ClientSampleId :

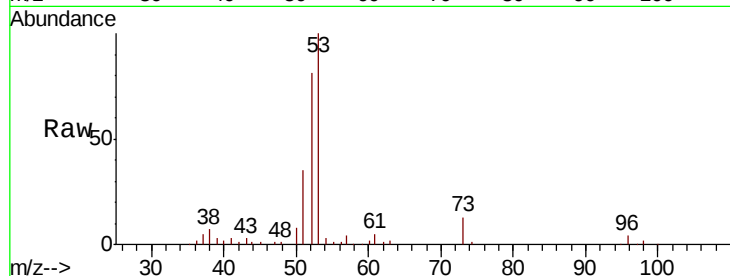
Tot Ion: 53 Resp: 102272

Ion Ratio Lower Upper

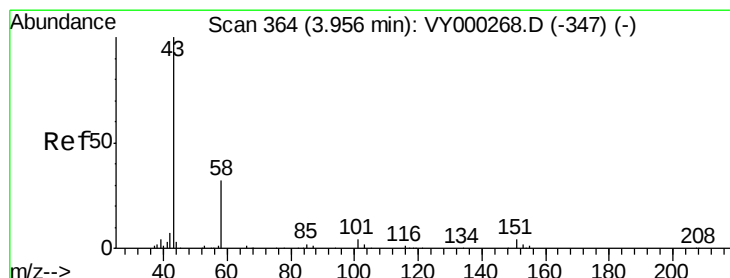
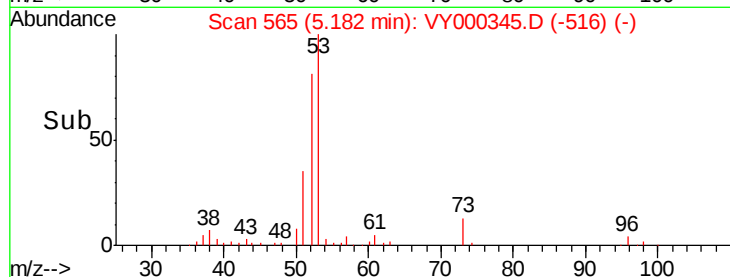
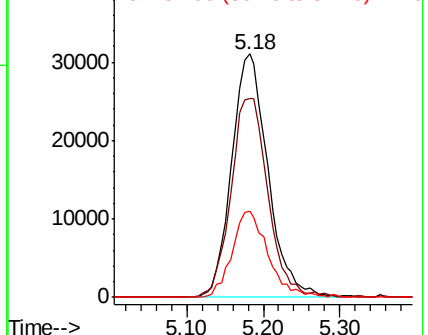
53 100

52 83.7 62.9 94.3

51 35.0 26.9 40.3



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



#16

Acetone

Concen: 89.728 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY000345.D

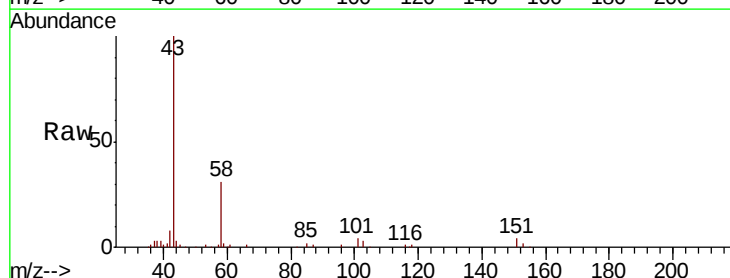
Acq: 18 Oct 2019 12:19

Tgt Ion: 43 Resp: 86209

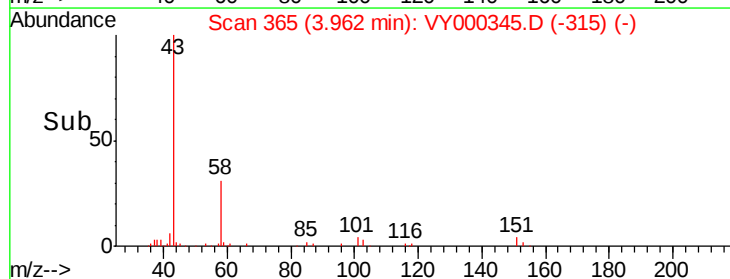
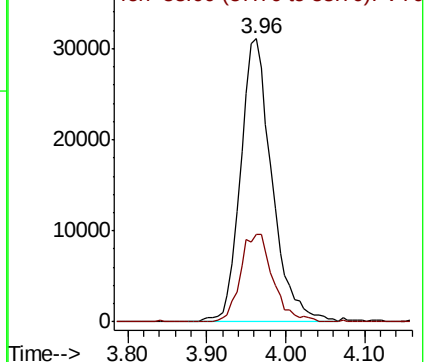
Ion Ratio Lower Upper

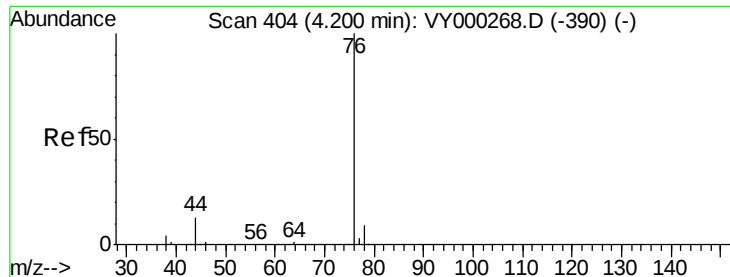
43 100

58 30.9 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: 21.389 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

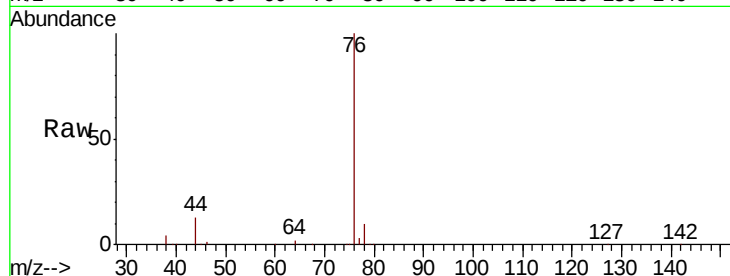
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 76 Resp: 191297

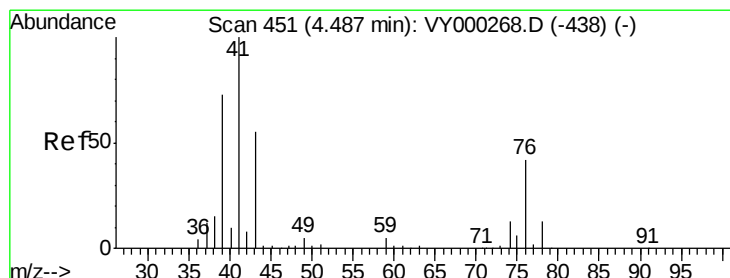
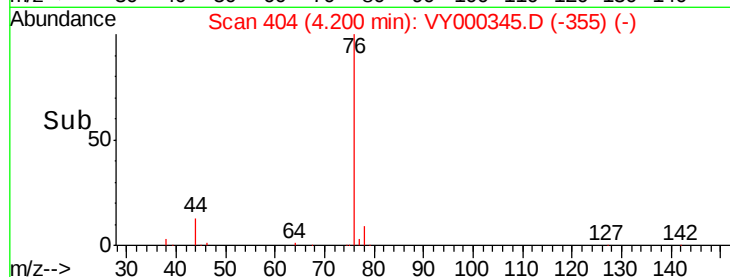
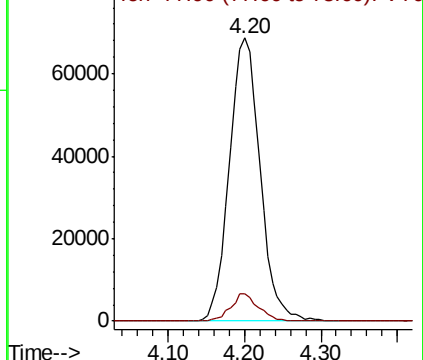
Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 21.972 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000345.D

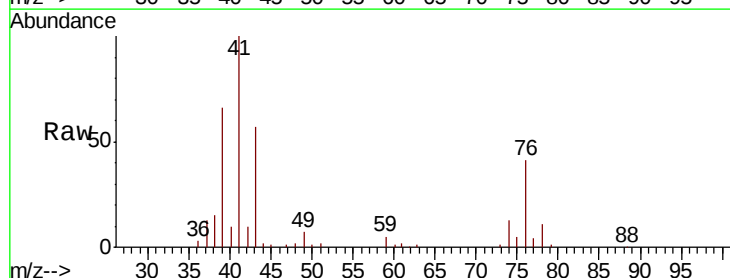
Acq: 18 Oct 2019 12:19

Tgt Ion: 43 Resp: 52452

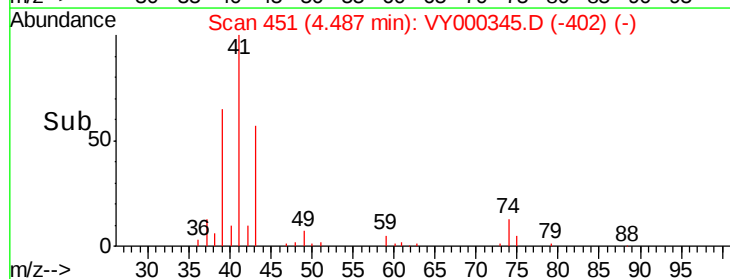
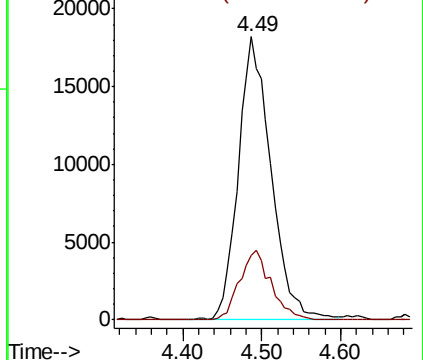
Ion Ratio Lower Upper

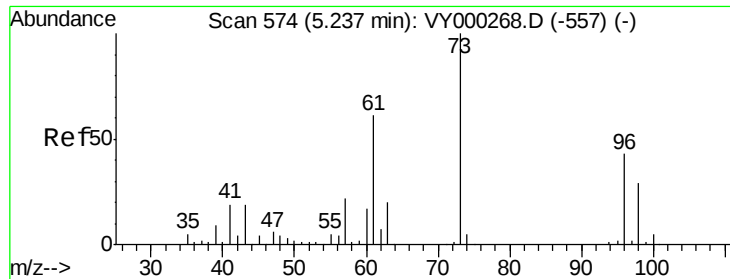
43 100

74 23.7 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0

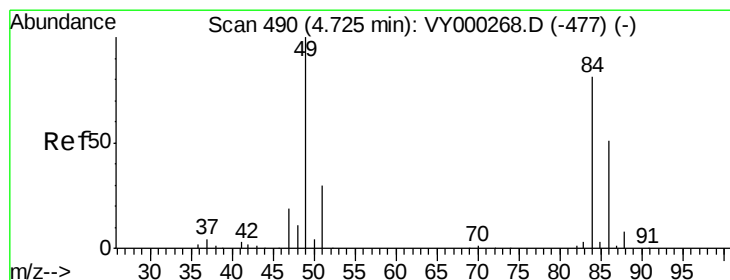
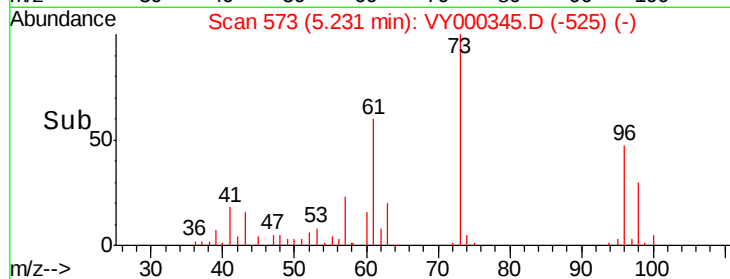
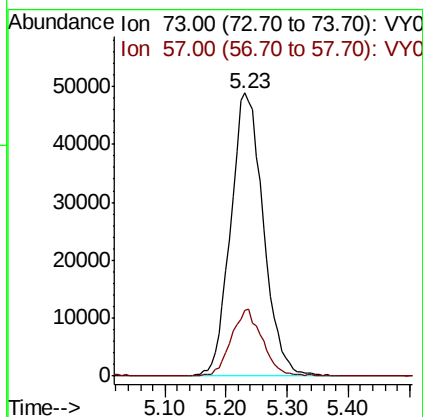
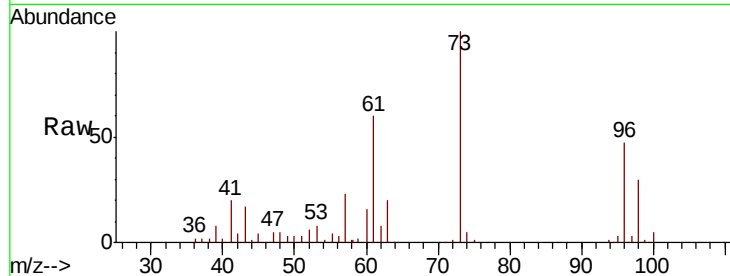




#19
Methyl tert-butyl Ether
Concen: 22.809 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

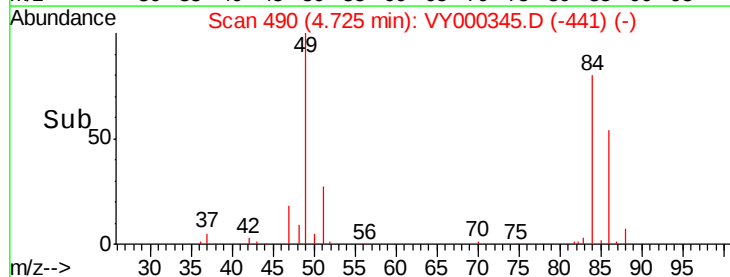
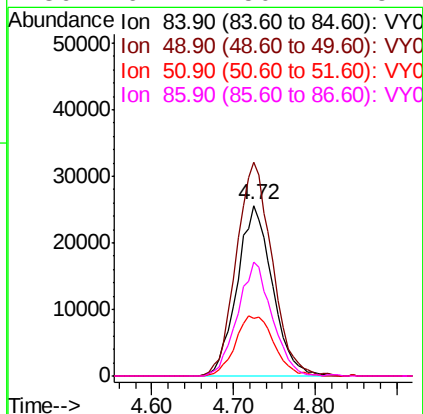
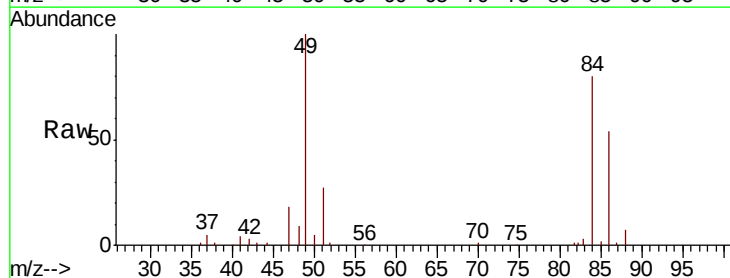
Instrument :
MSVOA_Y
ClientSampleId :

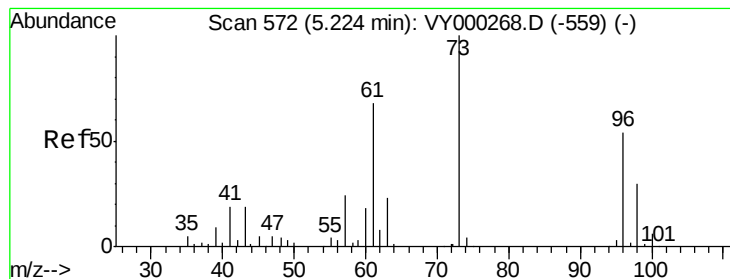
Tot Ion: 73 Resp: 180369
Ion Ratio Lower Upper
73 100
57 23.2 17.4 26.0



#20
Methylene Chloride
Concen: 20.581 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 84 Resp: 76979
Ion Ratio Lower Upper
84 100
49 125.4 99.0 148.4
51 34.2 29.3 43.9
86 67.1 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 21.230 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :
MSVOA_Y
ClientSampleId :

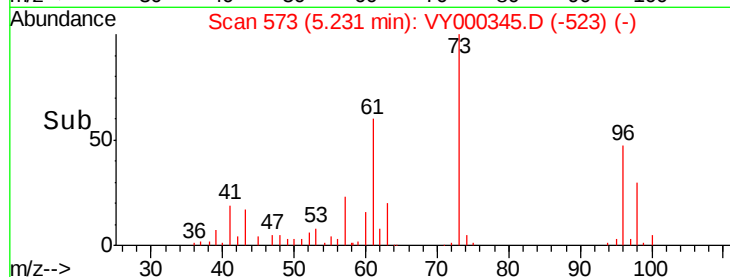
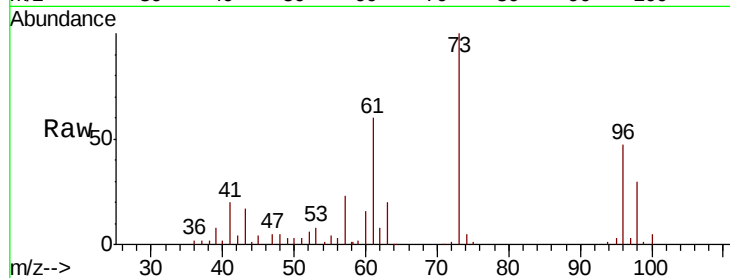
Tot Ion: 96 Resp: 69190

Ion Ratio Lower Upper

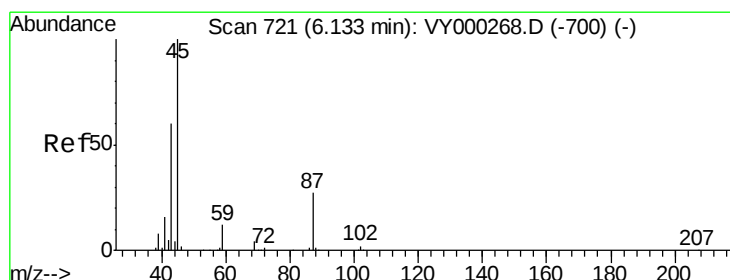
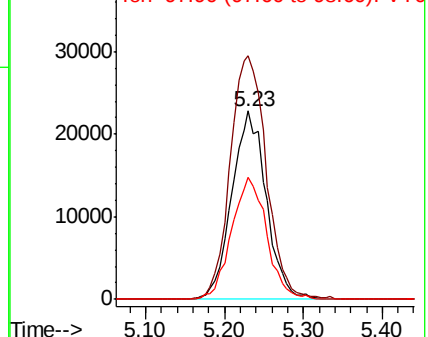
96 100

61 129.1 100.4 150.6

98 64.8 44.6 66.8



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



#22

Diisopropyl ether

Concen: 22.762 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Tgt Ion: 45 Resp: 226627

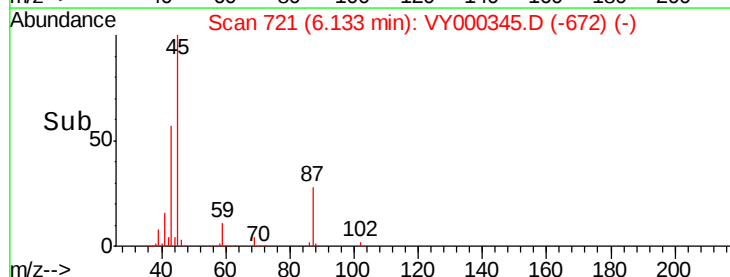
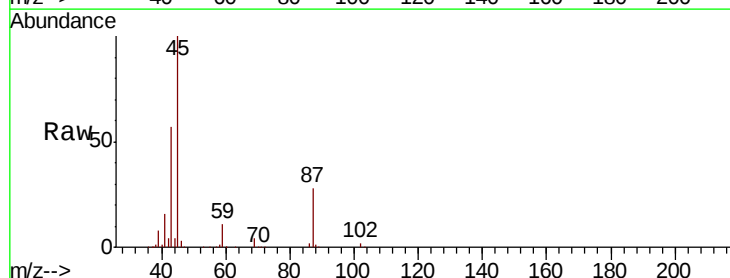
Ion Ratio Lower Upper

45 100

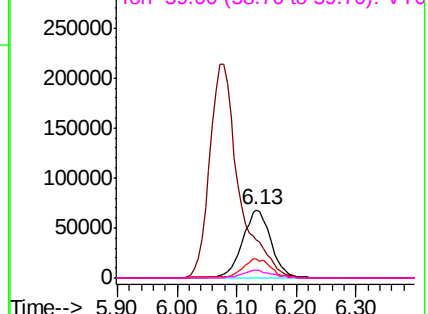
43 56.6 48.5 72.7

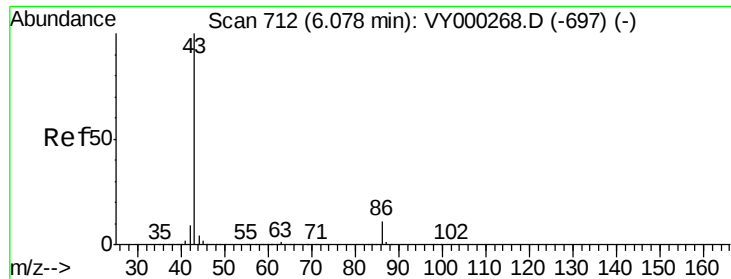
87 28.4 21.5 32.3

59 10.7 9.4 14.0



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





#23

Vinyl Acetate

Concen: 111.934 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

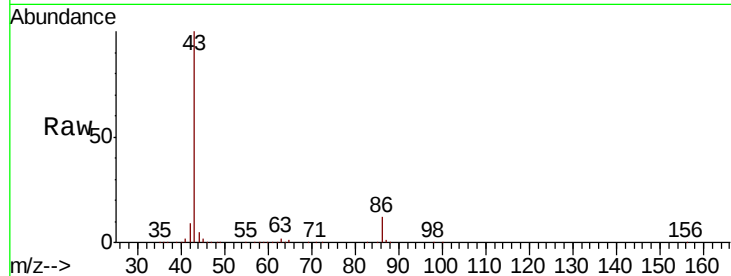
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 727055

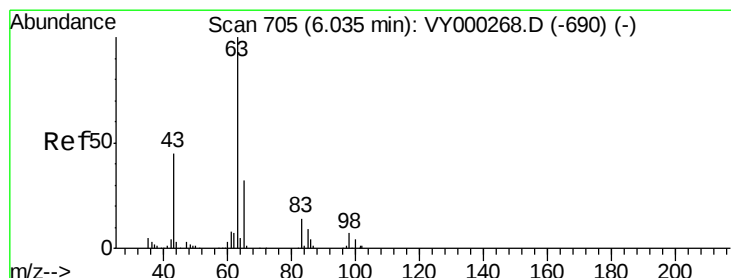
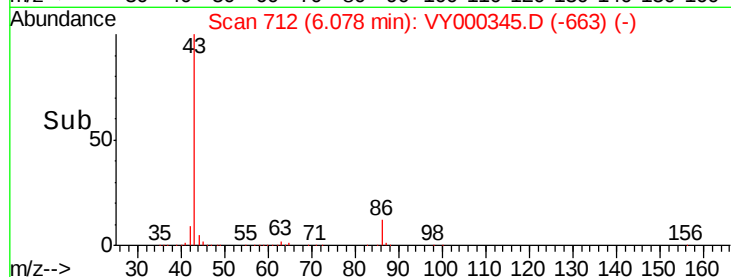
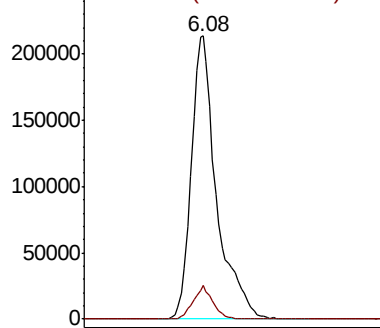
Ion Ratio Lower Upper

43 100

86 12.1 8.6 13.0



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



#24

1,1-Dichloroethane

Concen: 22.549 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

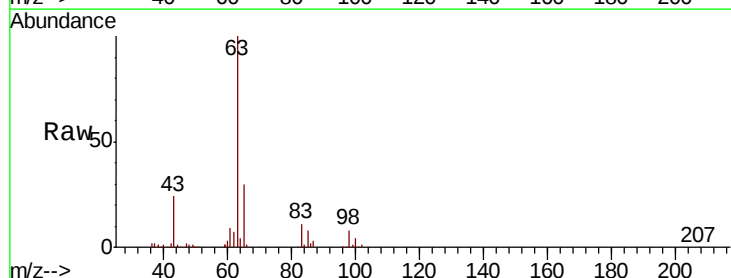
Tgt Ion: 63 Resp: 122546

Ion Ratio Lower Upper

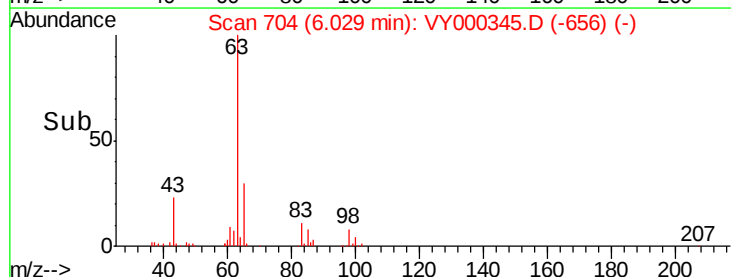
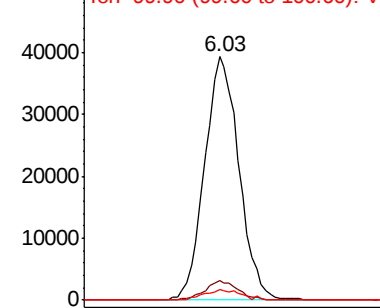
63 100

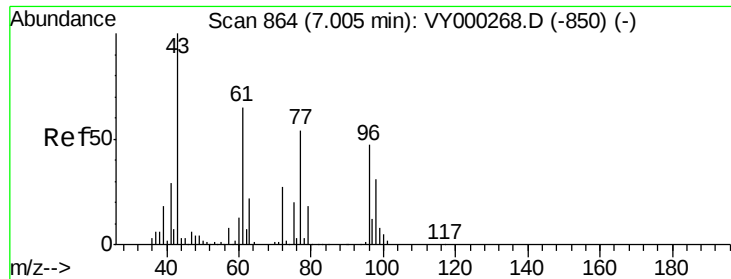
98 8.1 3.5 10.4

100 4.4 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: 105.848 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

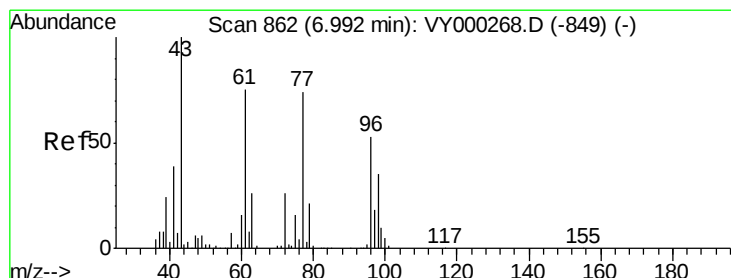
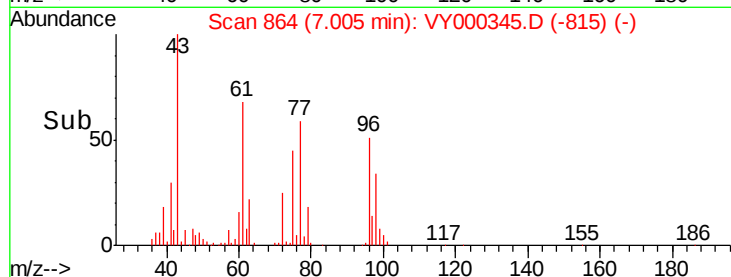
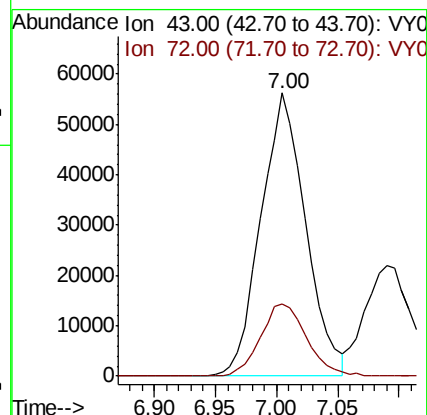
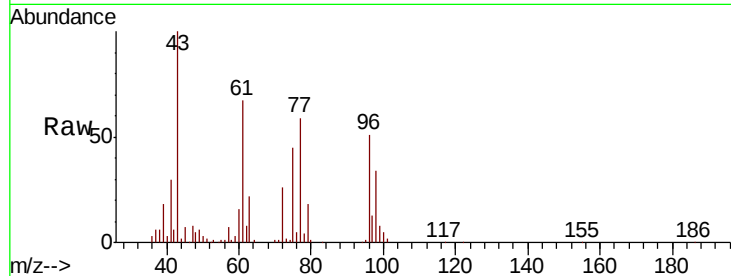
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 143259

Ion Ratio Lower Upper

43 100

72 25.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 21.716 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000345.D

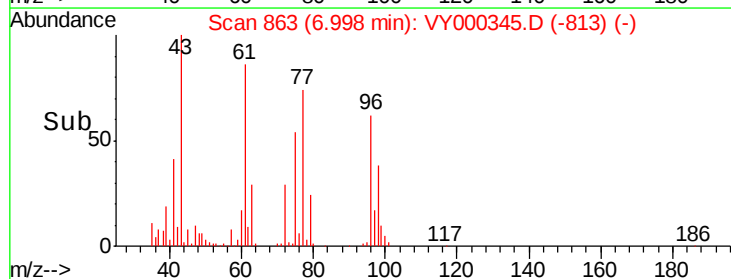
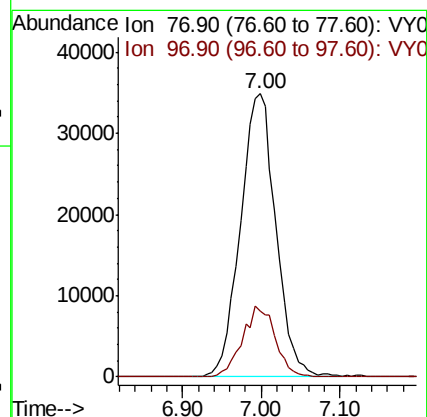
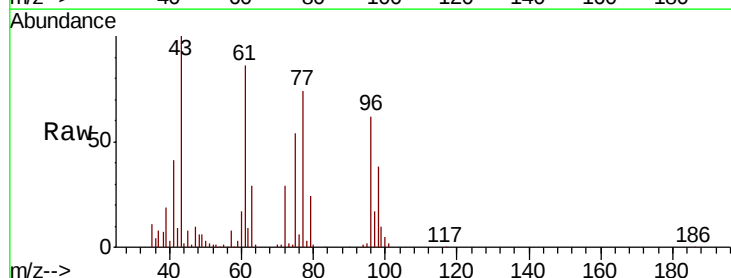
Acq: 18 Oct 2019 12:19

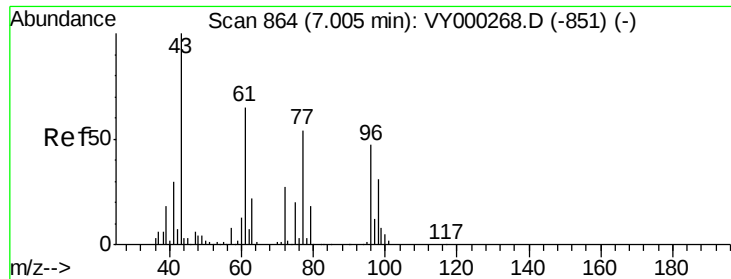
Tgt Ion: 77 Resp: 108748

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7



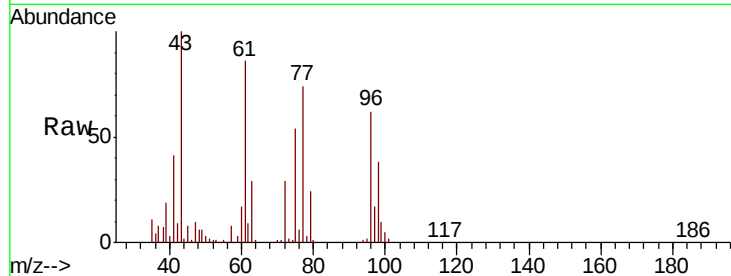


#27

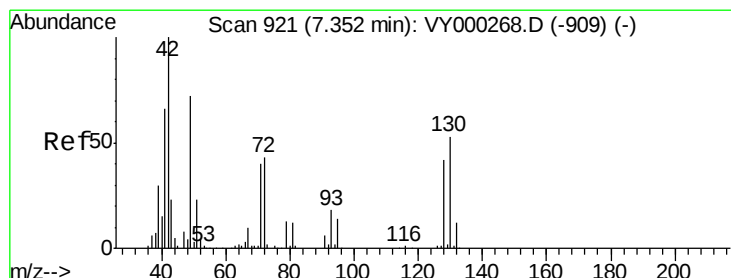
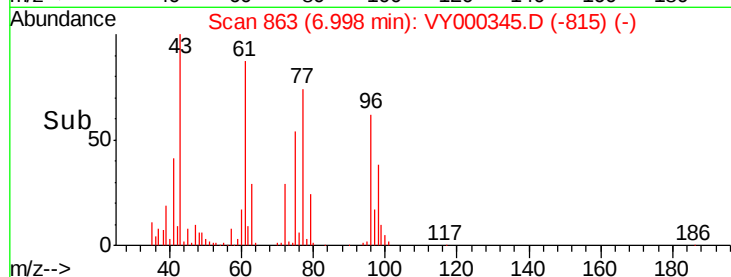
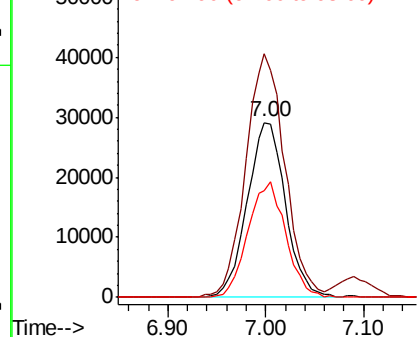
cis-1,2-Dichloroethene
 Concen: 22.469 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 79239
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 289.8
 98 65.3 0.0 131.8



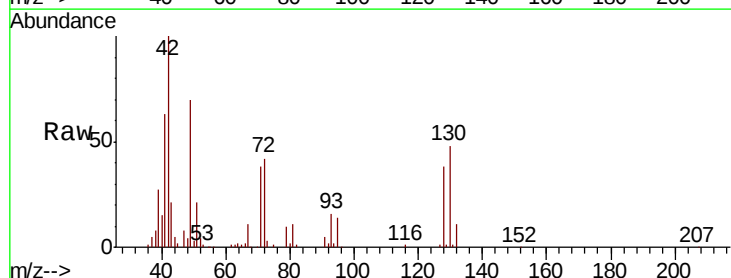
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



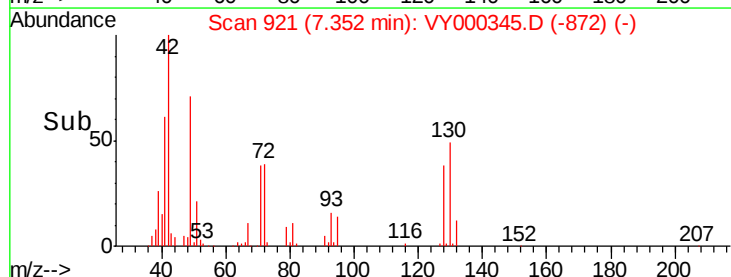
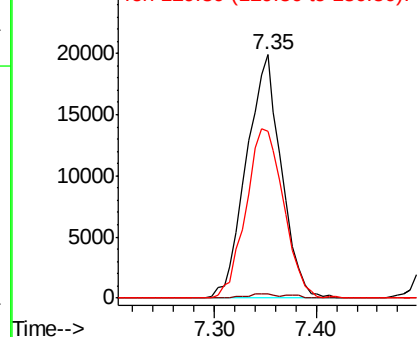
#28

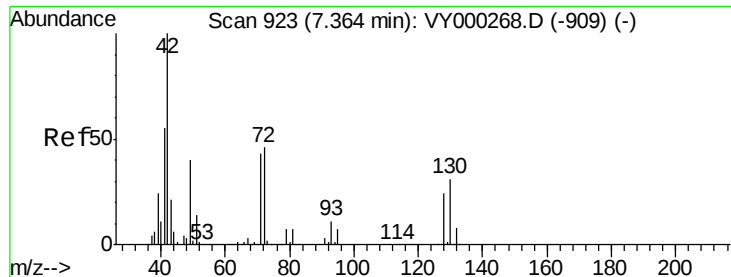
Bromochloromethane
 Concen: 20.283 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion: 49 Resp: 47320
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 75.1 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

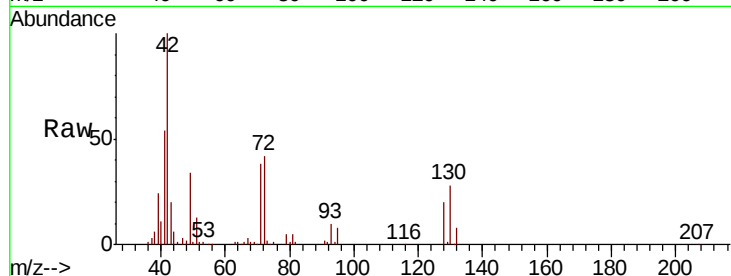




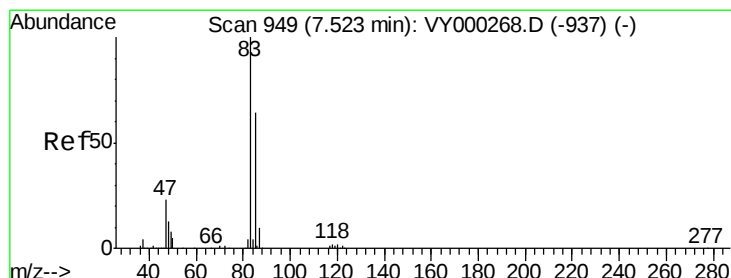
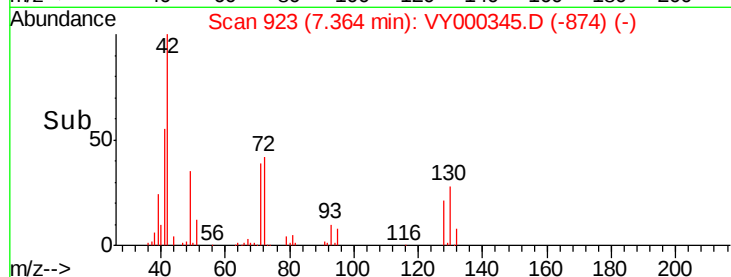
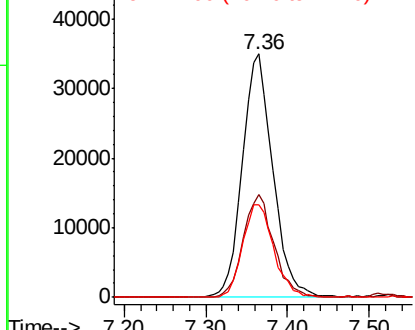
#29
Tetrahydrofuran
Concen: 111.162 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 91179
Ion Ratio Lower Upper
42 100
72 42.3 34.5 51.7
71 38.7 32.7 49.1

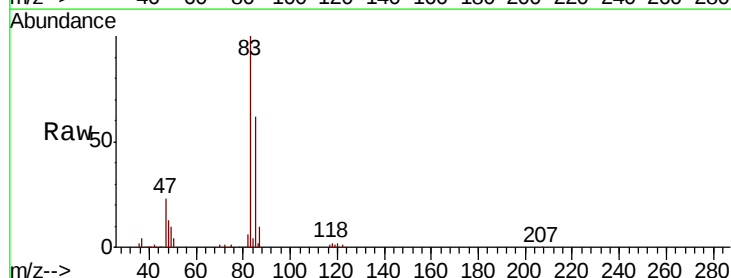


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

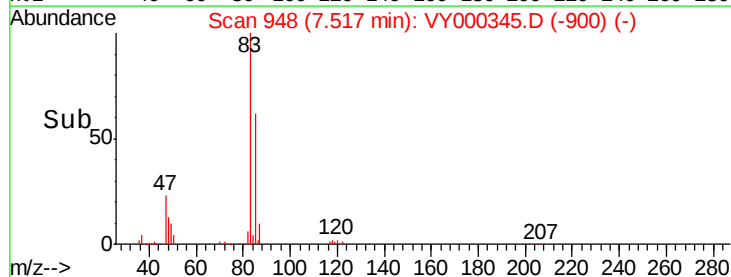
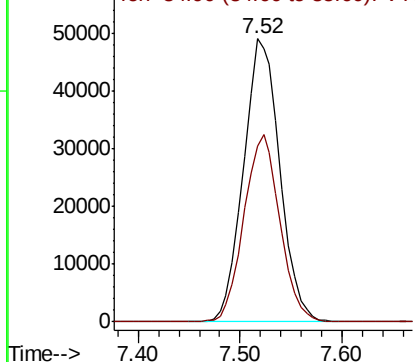


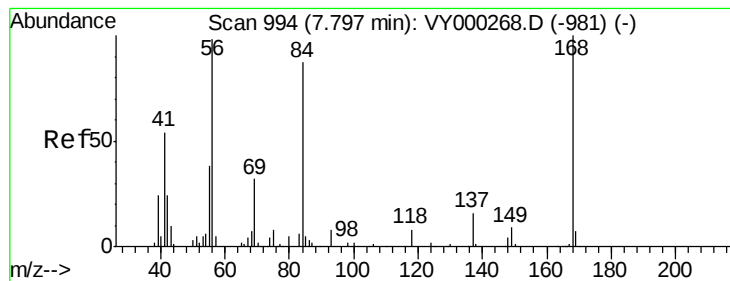
#30
Chloroform
Concen: 22.169 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 83 Resp: 121331
Ion Ratio Lower Upper
83 100
85 62.0 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: 21.211 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :
MSVOA_Y
ClientSampleId :

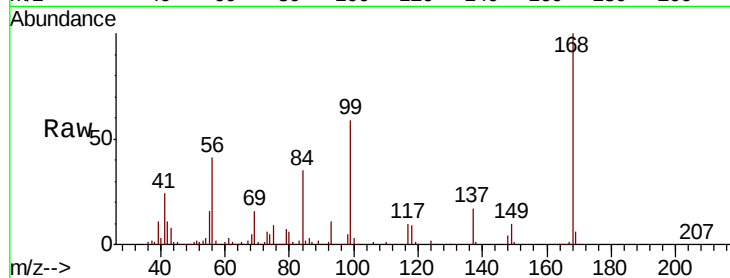
Tot Ion: 56 Resp: 120394

Ion Ratio Lower Upper

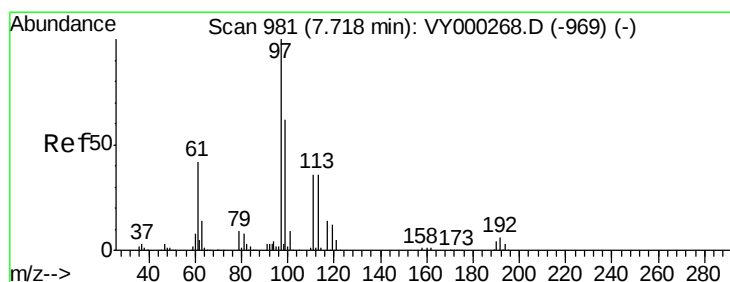
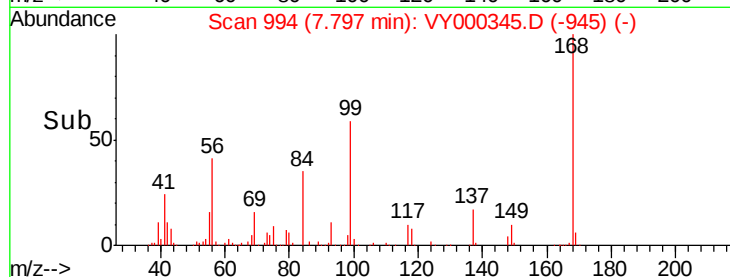
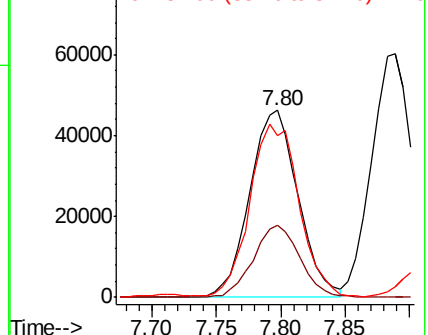
56 100

69 38.8 26.3 39.5

84 85.3 70.8 106.2



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



#32

1,1,1-Trichloroethane

Concen: 21.879 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

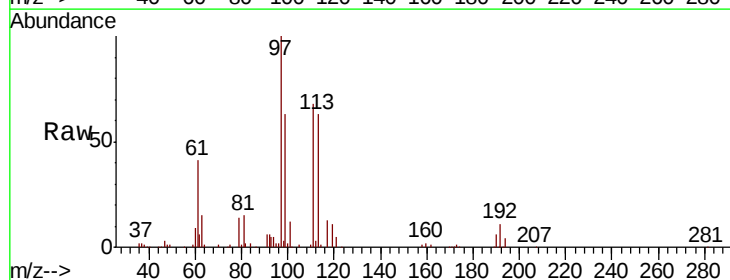
Tgt Ion: 97 Resp: 106457

Ion Ratio Lower Upper

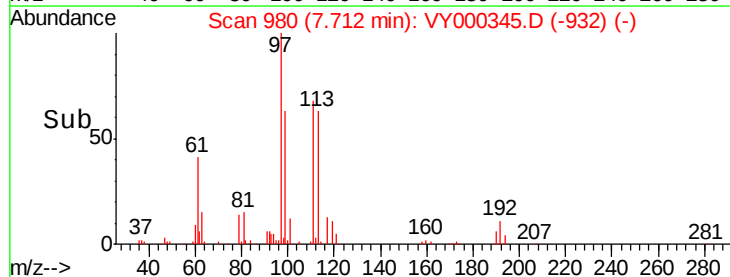
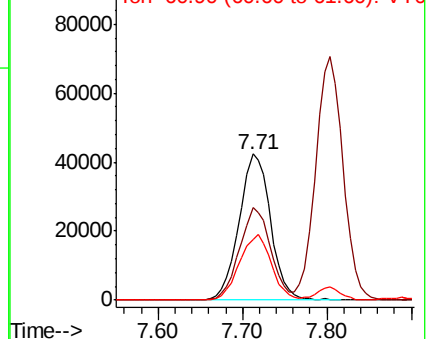
97 100

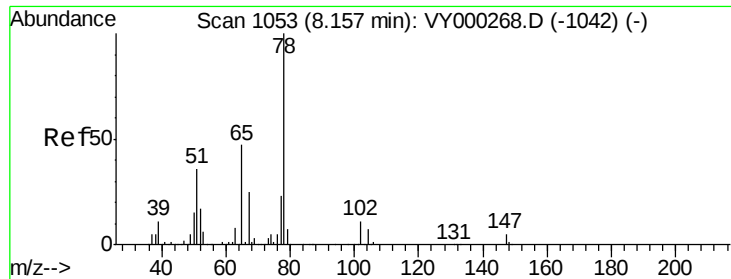
99 63.5 51.7 77.5

61 45.7 34.5 51.7



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

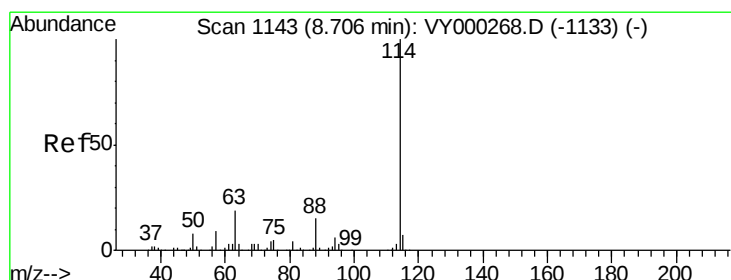
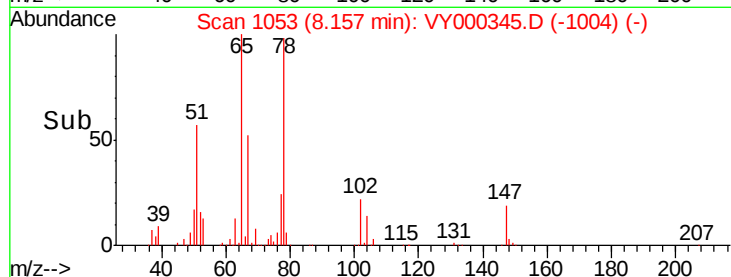
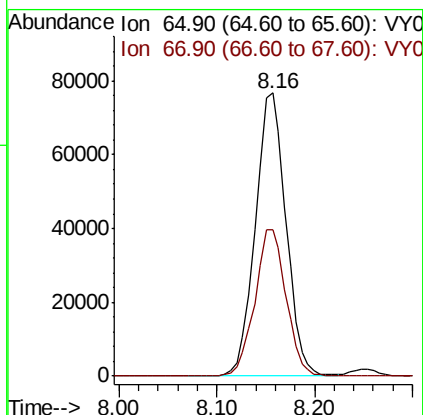
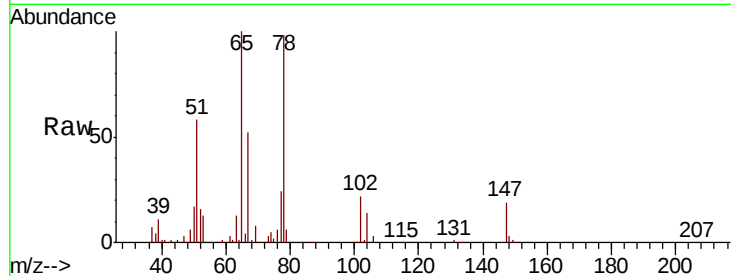




#33
 1,2-Dichloroethane-d4
 Concen: 56.249 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

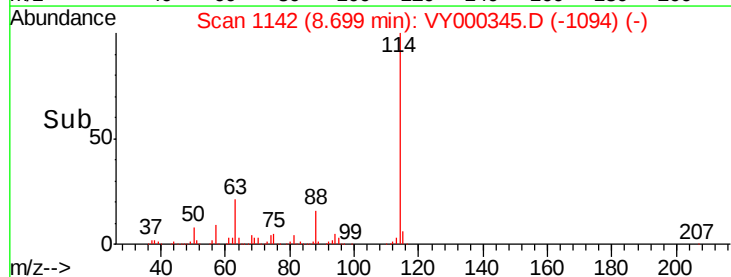
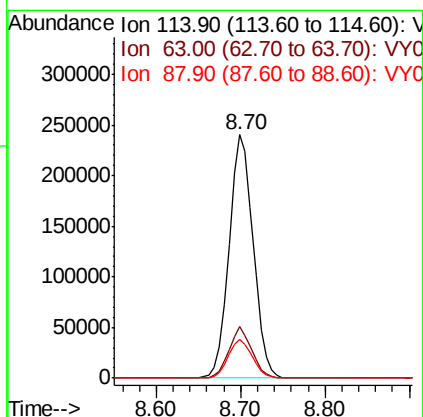
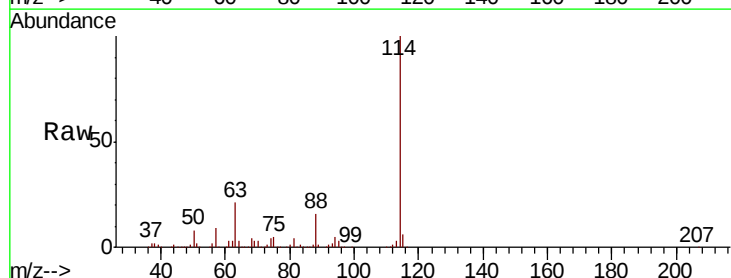
Instrument :
 MSVOA_Y
 ClientSampleId :

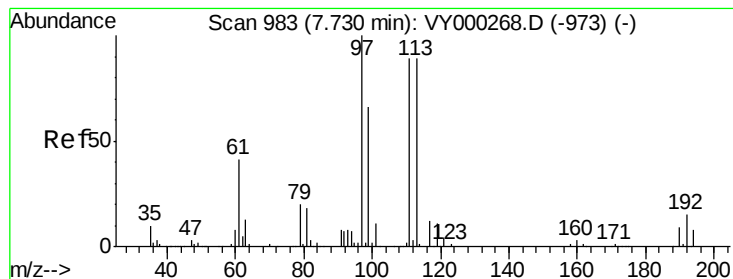
Tot Ion: 65 Resp: 166880
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion: 114 Resp: 464981
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 37.2
 88 15.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.588 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

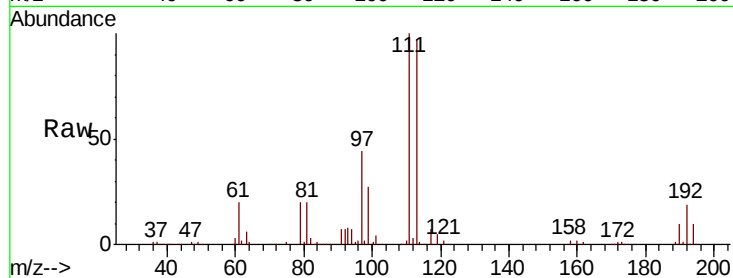
Tot Ion:113 Resp: 150305

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

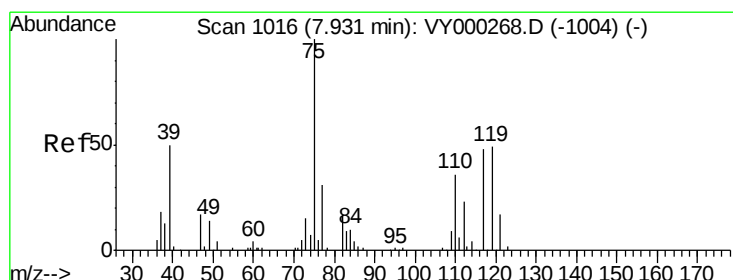
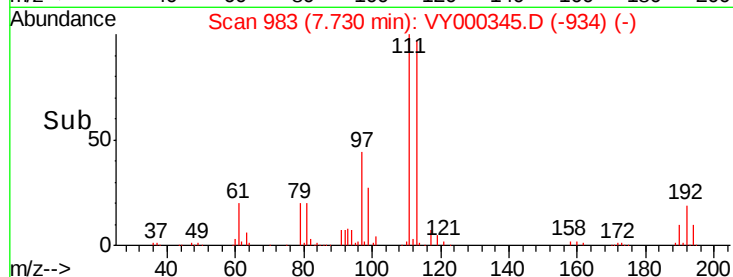
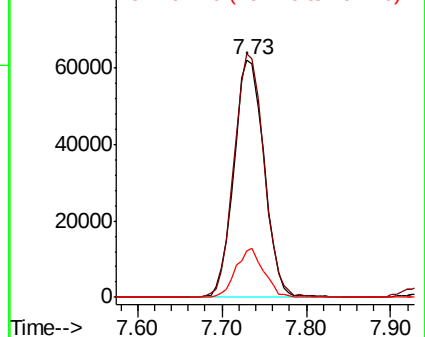
192 19.0 15.3 22.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.377 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

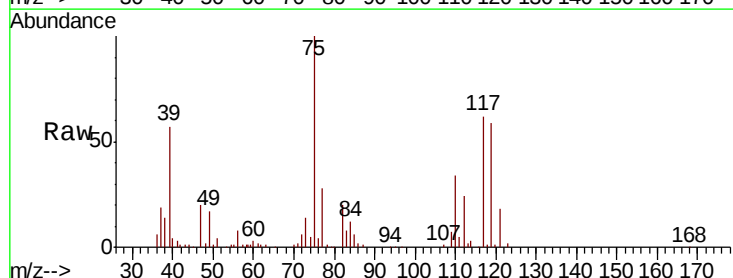
Tgt Ion: 75 Resp: 97316

Ion Ratio Lower Upper

75 100

110 35.1 18.4 55.4

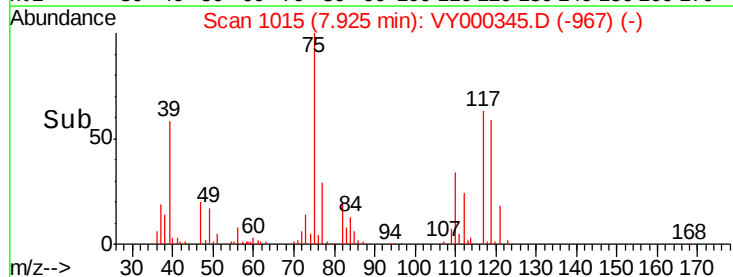
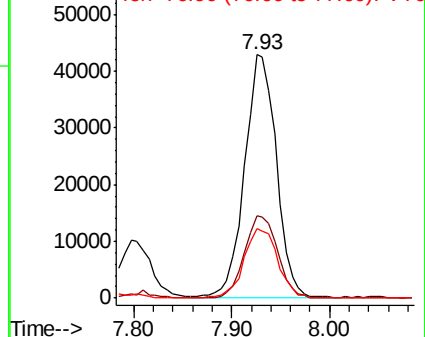
77 30.1 25.0 37.6

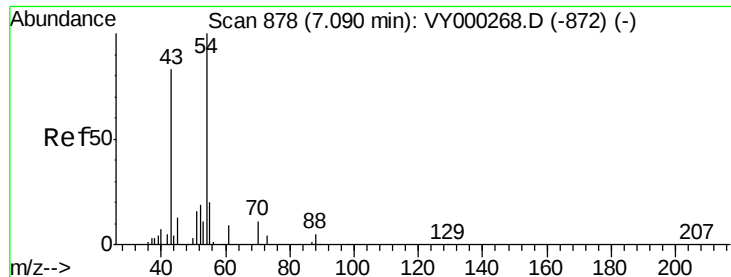


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

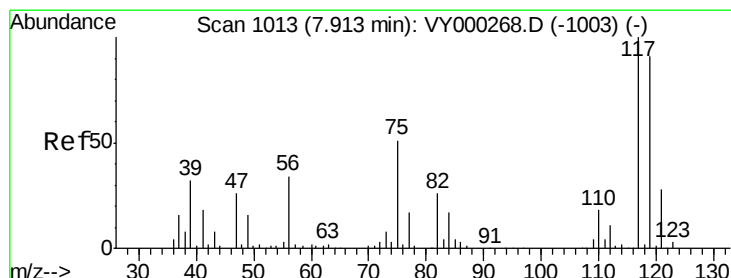
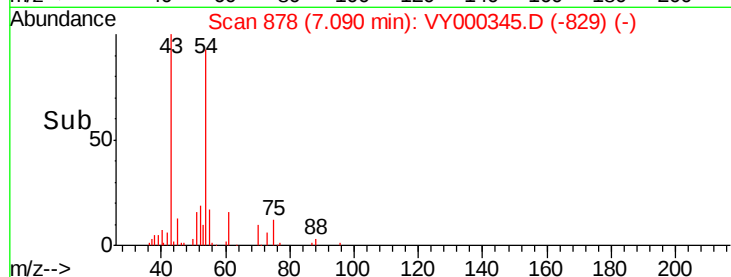
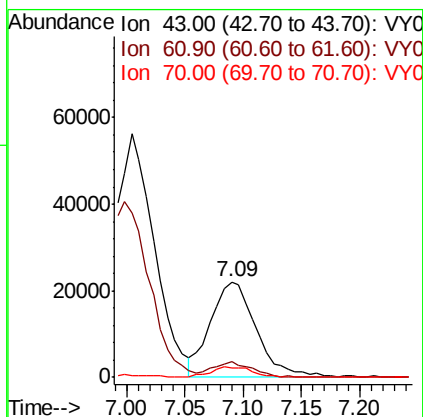
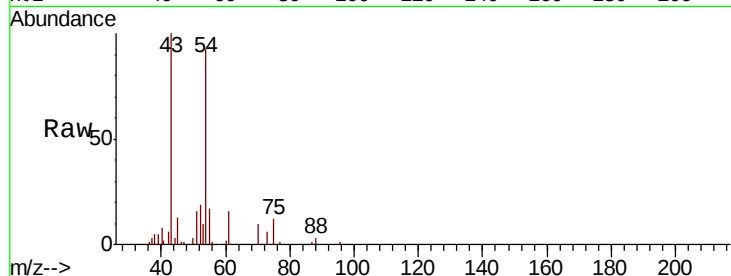




#37
Ethyl Acetate
Concen: 21.929 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

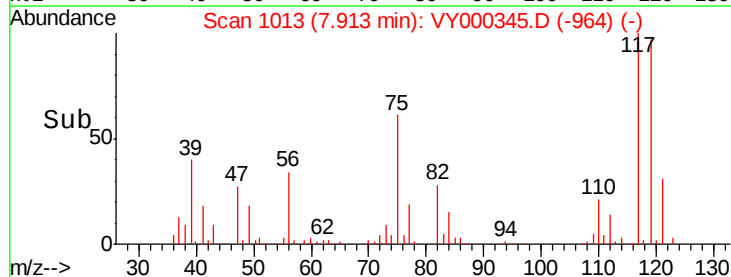
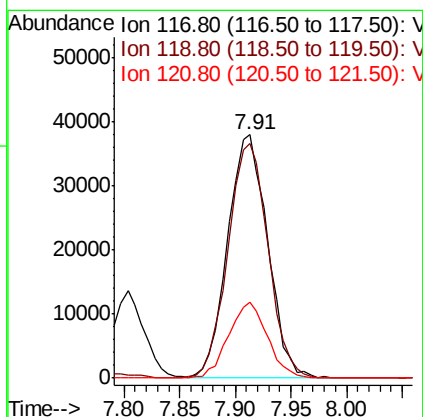
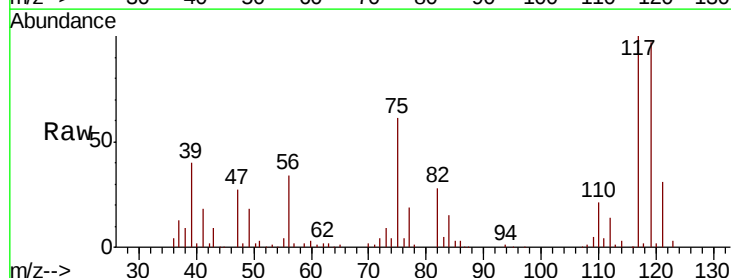
Instrument :
MSVOA_Y
ClientSampleId :

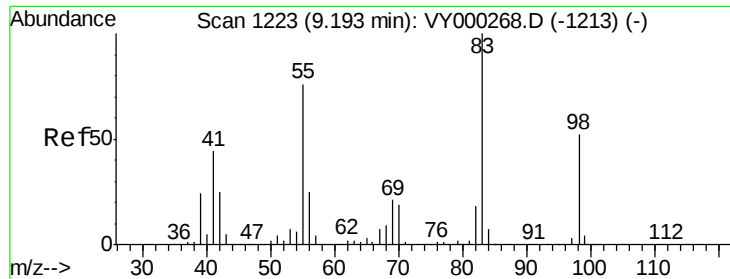
Tot Ion	43	Resp	59112
Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.1	18.1
70	10.3	8.7	13.1



#38
Carbon Tetrachloride
Concen: 21.469 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion	117	Resp	94631
Ion	Ratio	Lower	Upper
117	100		
119	96.6	72.8	109.2
121	31.3	22.2	33.2

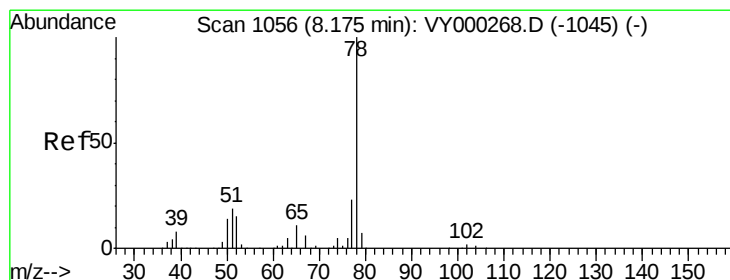
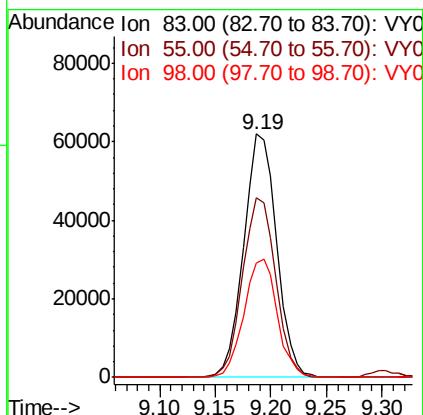
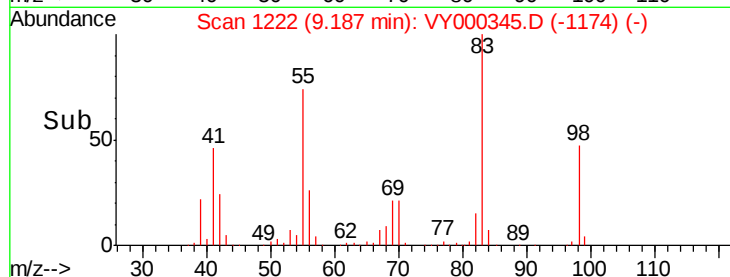
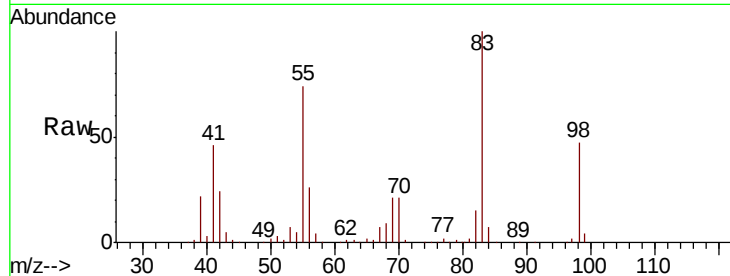




#39
Methvlcvclohexane
Concen: 21.431 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

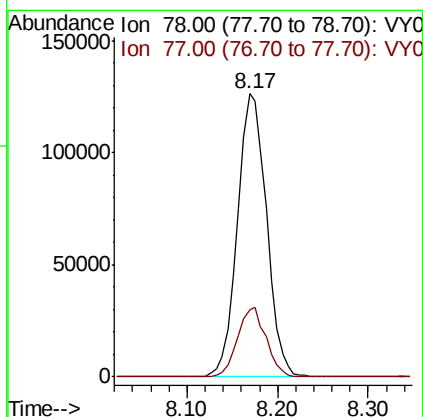
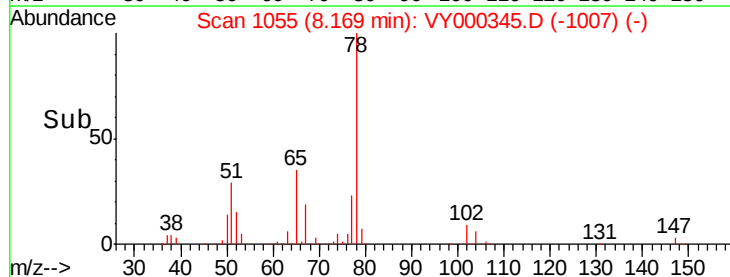
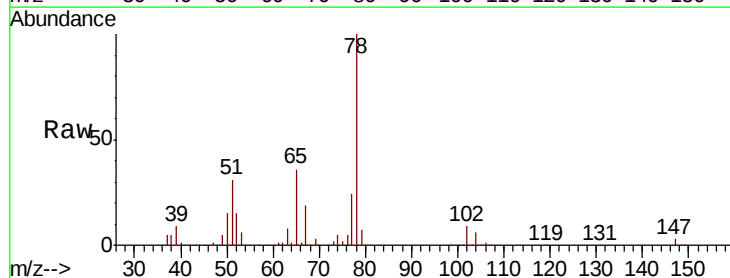
Instrument :
MSVOA_Y
ClientSampleId :

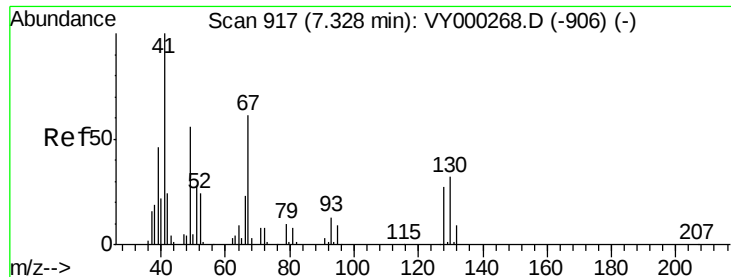
Tot Ion	83.00	Resp	127695
Ion	Ratio	Lower	Upper
83	100		
55	73.7	60.9	91.3
98	46.8	41.8	62.6



#40
Benzene
Concen: 21.427 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion	78	Resp	281891
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2

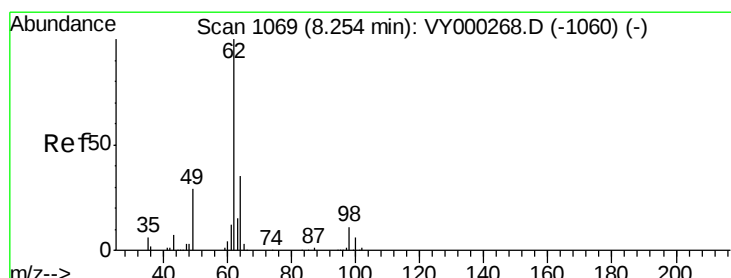
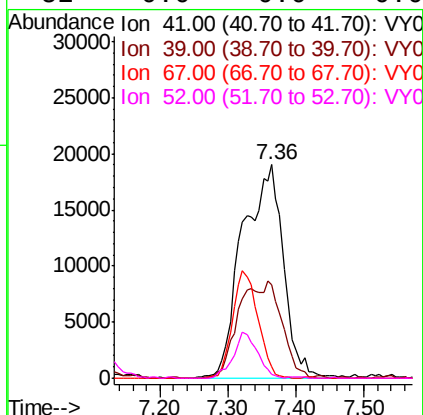
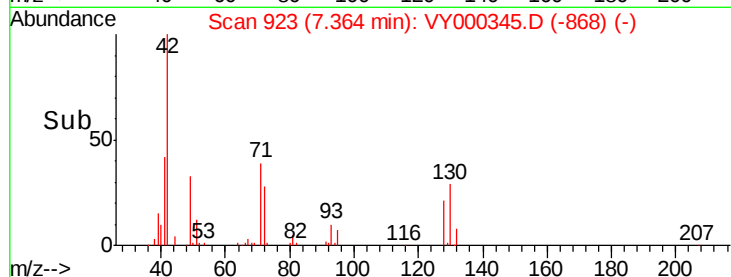
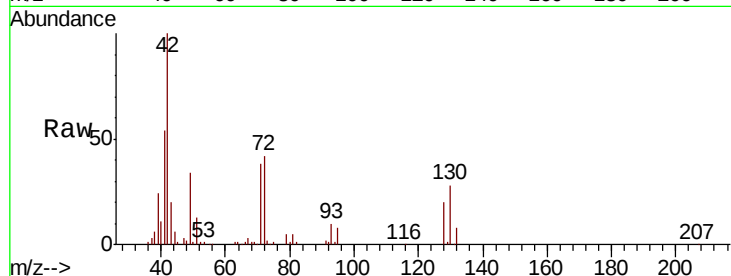




#41
Methacrylonitrile
Concen: 62.032 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.04 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

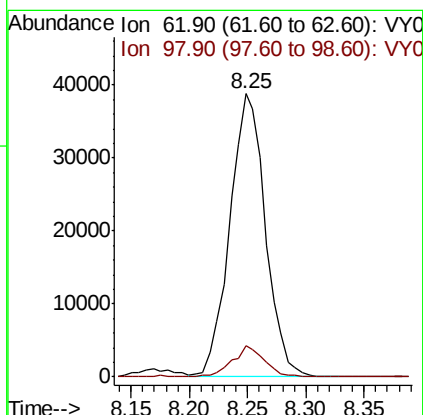
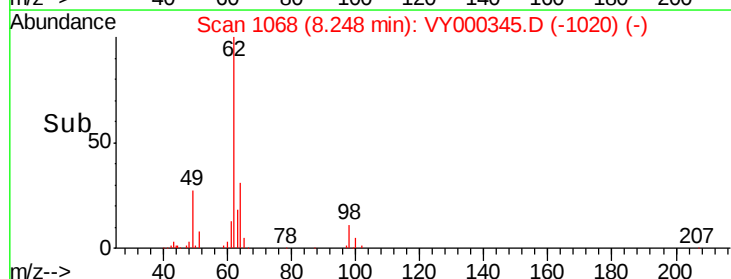
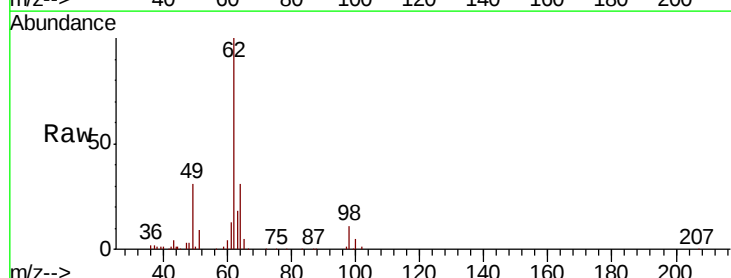
Instrument :
MSVOA_Y
ClientSampleId :

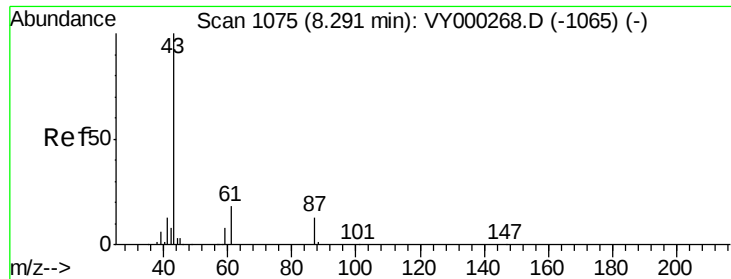
Tot Ion: 41 Resp: 79594
Ion Ratio Lower Upper
41 100
39 0.0 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.984 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 62 Resp: 82616
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.6

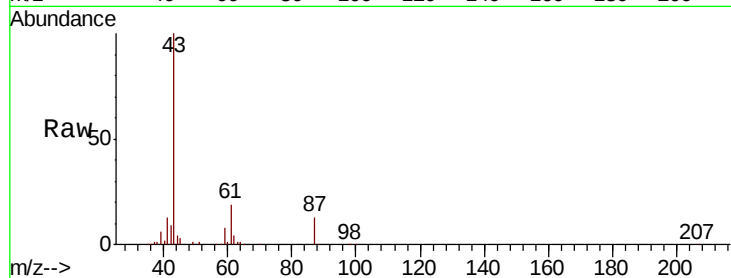




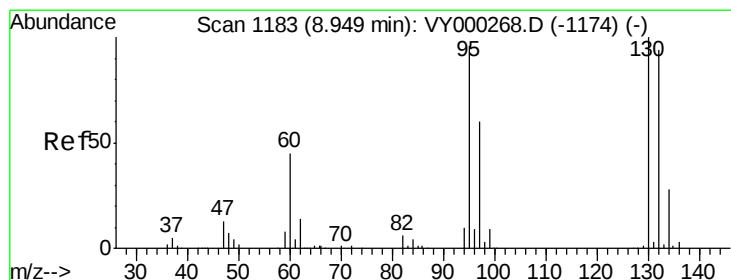
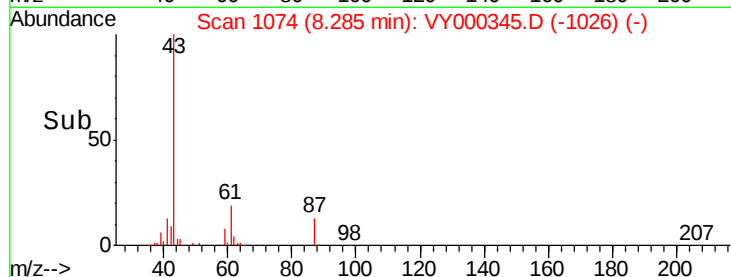
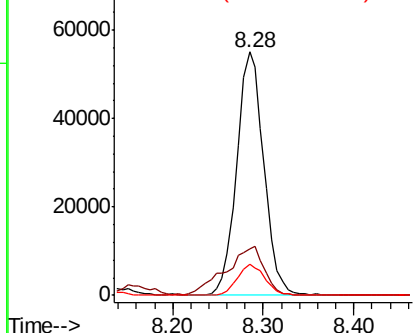
#43
Isopropyl Acetate
Concen: 22.267 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 114130
Ion Ratio Lower Upper
43 100
61 28.6 22.3 33.5
87 13.0 10.9 16.3

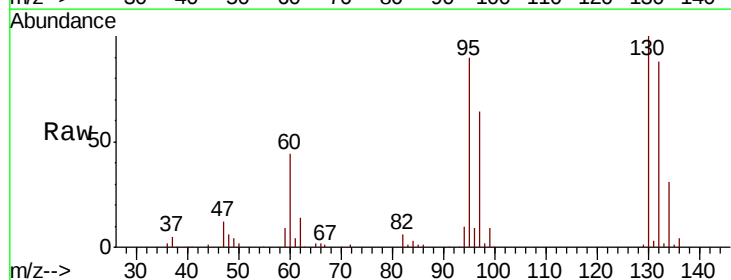


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

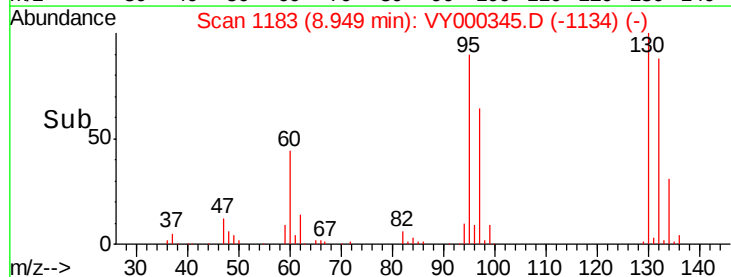
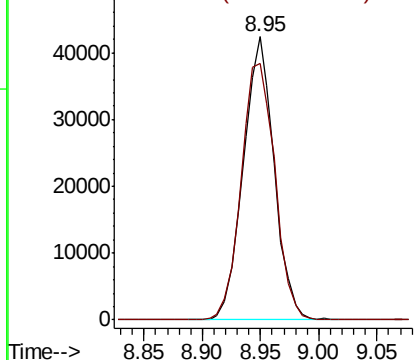


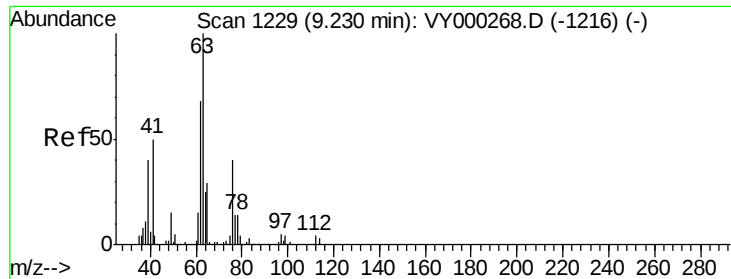
#44
Trichloroethene
Concen: 21.192 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion:130 Resp: 78228
Ion Ratio Lower Upper
130 100
95 90.5 0.0 191.4



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

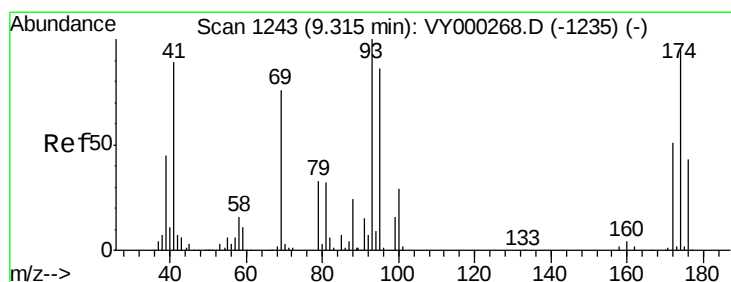
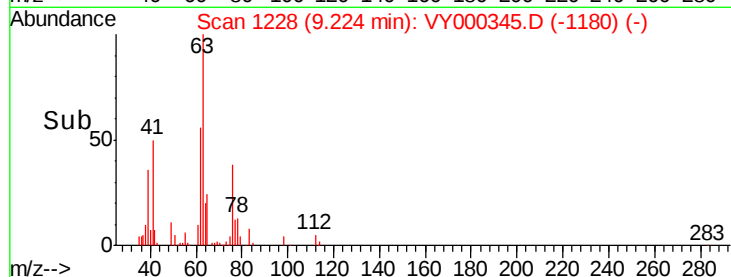
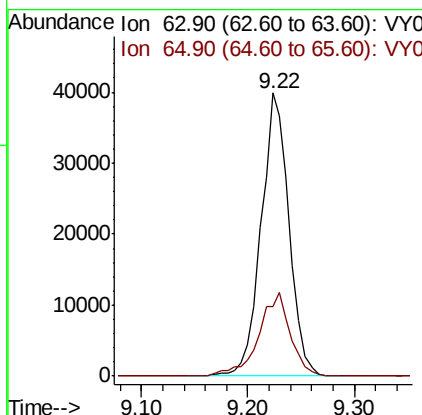
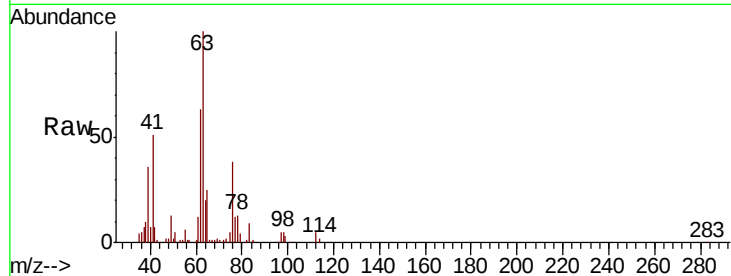




#45
 1,2-Dichloropropane
 Concen: 22.622 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

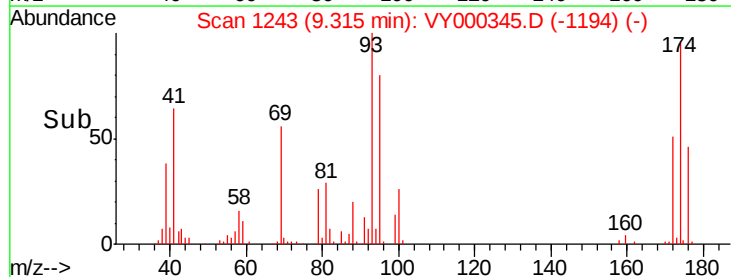
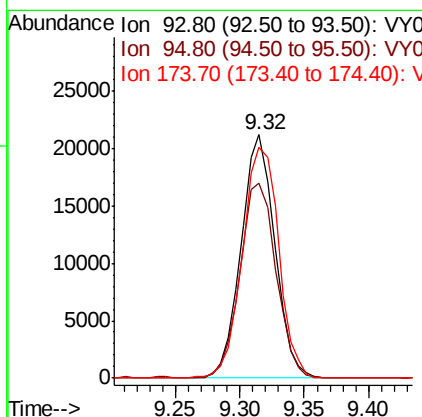
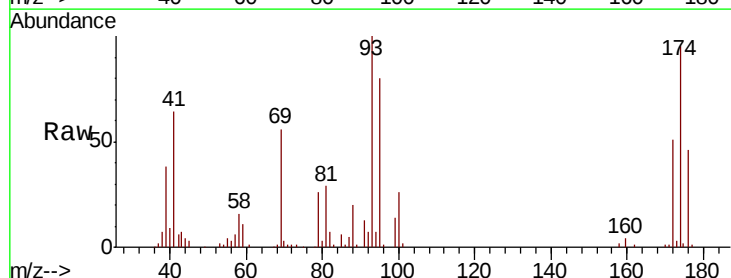
Instrument :
 MSVOA_Y
 ClientSampleId :

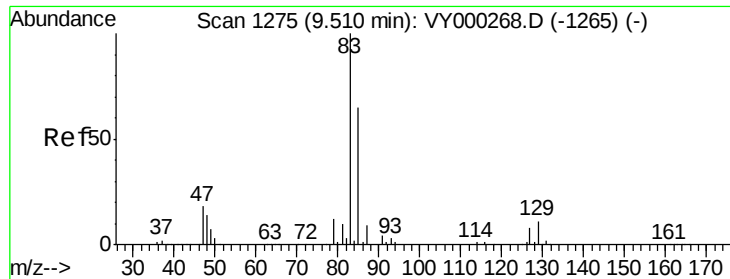
Tot Ion: 63 Resp: 73037
 Ion Ratio Lower Upper
 63 100
 65 24.6 23.2 34.8



#46
 Dibromomethane
 Concen: 21.316 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion: 93 Resp: 38471
 Ion Ratio Lower Upper
 93 100
 95 85.7 68.2 102.2
 174 101.7 79.8 119.6

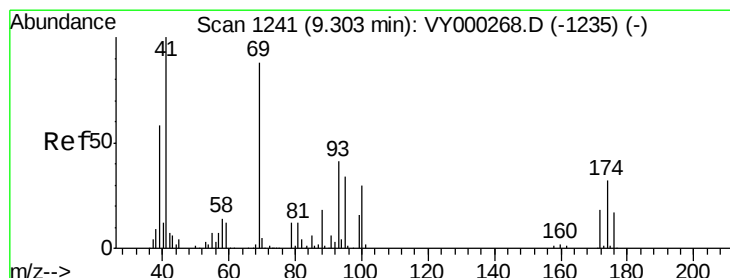
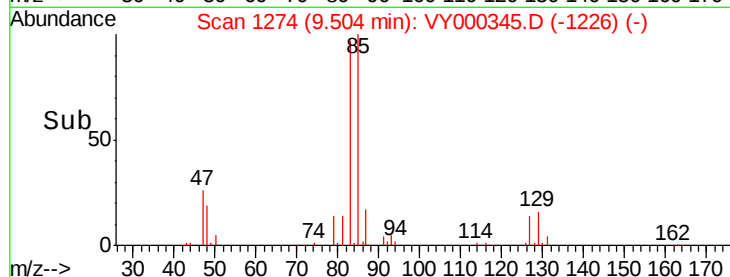
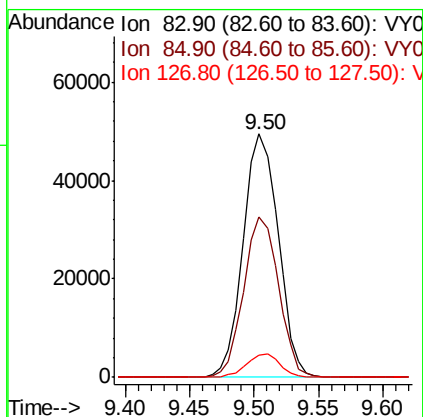
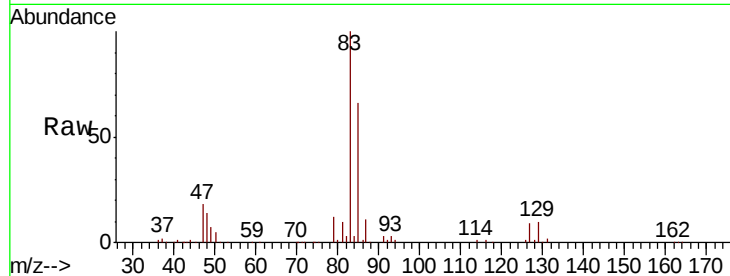




#47
Bromodichloromethane
Concen: 21.959 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

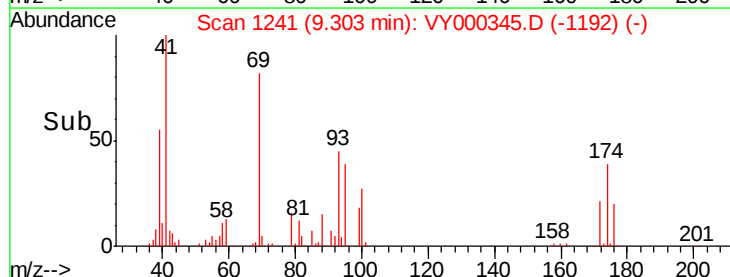
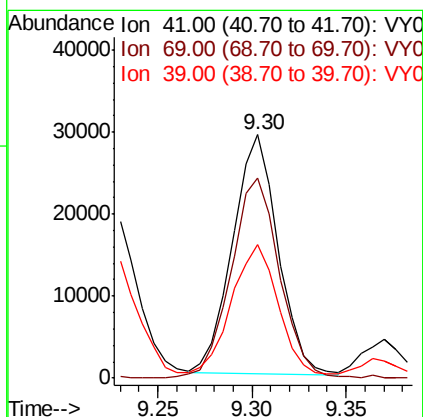
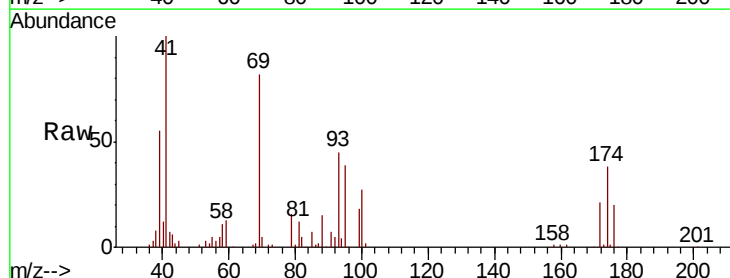
Instrument :
MSVOA_Y
ClientSampleId :

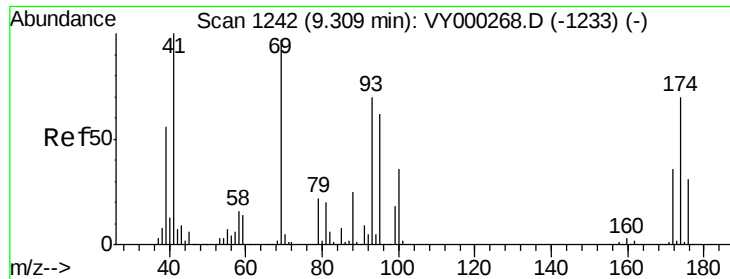
Tot Ion: 83 Resp: 93401
Ion Ratio Lower Upper
83 100
85 65.9 52.2 78.2
127 9.0 6.3 9.5



#48
Methyl methacrylate
Concen: 21.599 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 41 Resp: 48516
Ion Ratio Lower Upper
41 100
69 90.0 70.0 105.0
39 59.8 47.7 71.5

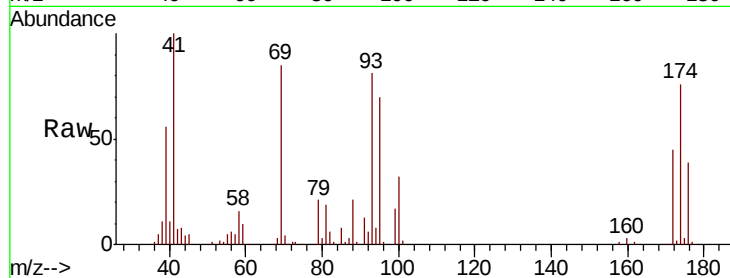




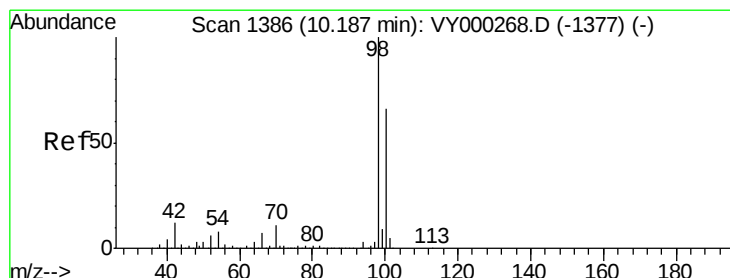
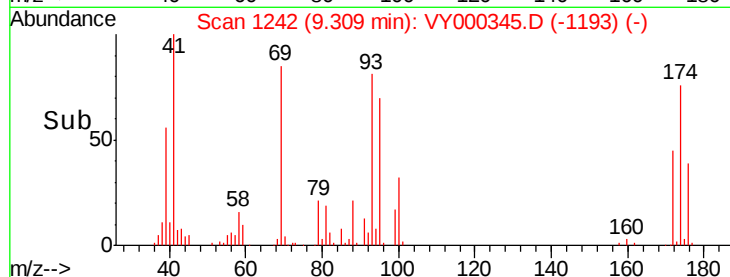
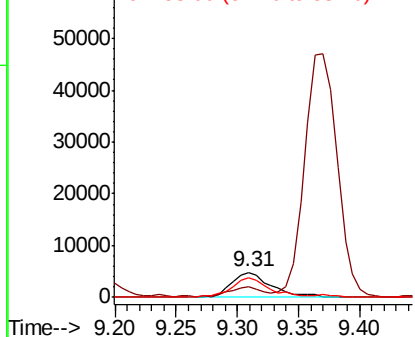
#49
 1,4-Dioxane
 Concen: 396.992 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 88 Resp: 10743
 Ion Ratio Lower Upper
 88 100
 43 33.9 25.6 38.4
 58 76.8 54.6 81.8

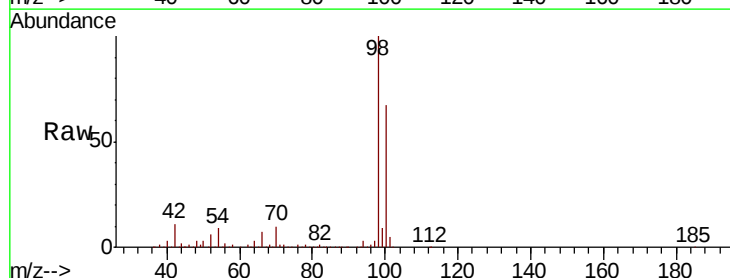


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

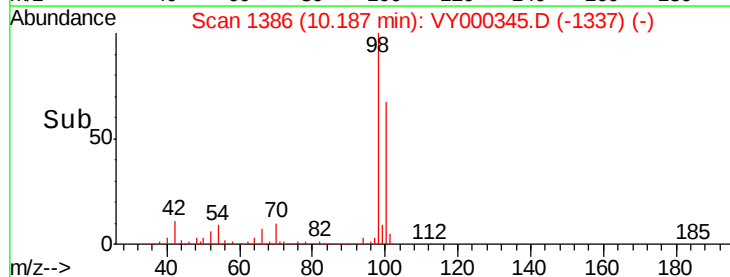
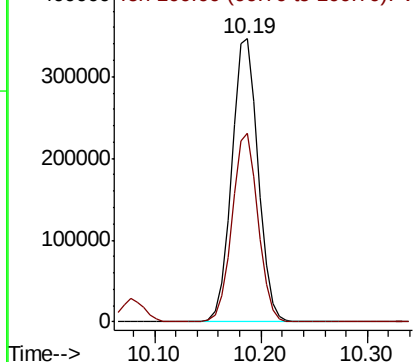


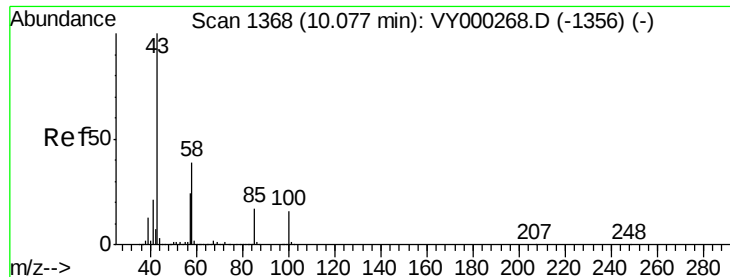
#50
 Toluene-d8
 Concen: 55.688 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion: 98 Resp: 600842
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.8 79.2



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

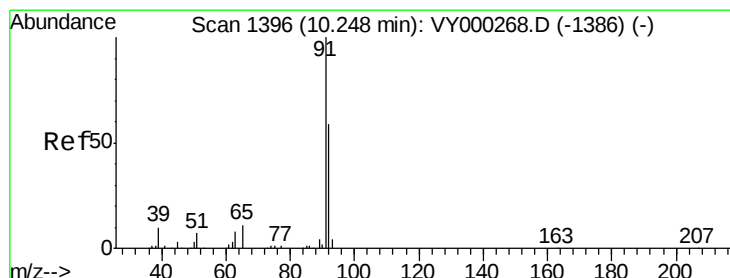
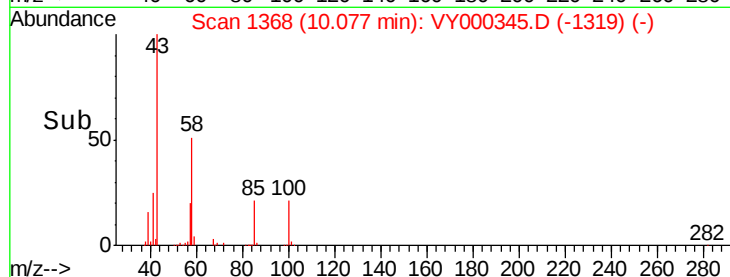
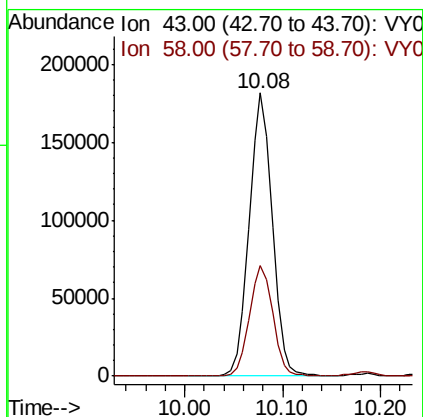
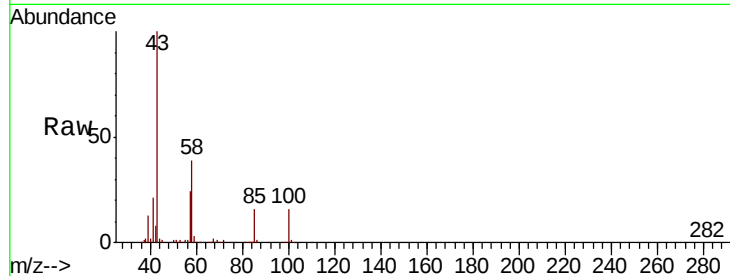




#51
4-Methyl-2-Pentanone
Concen: 113.073 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

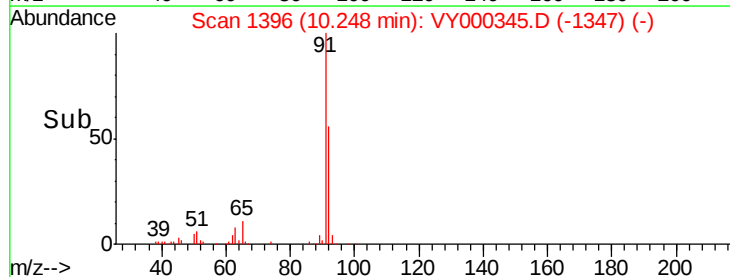
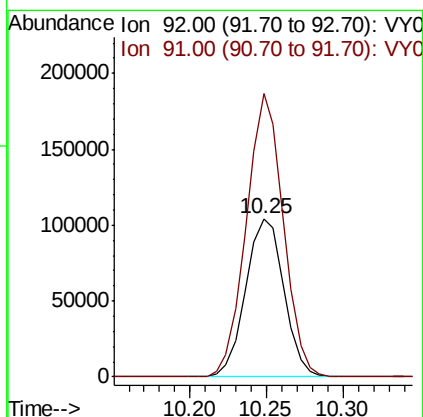
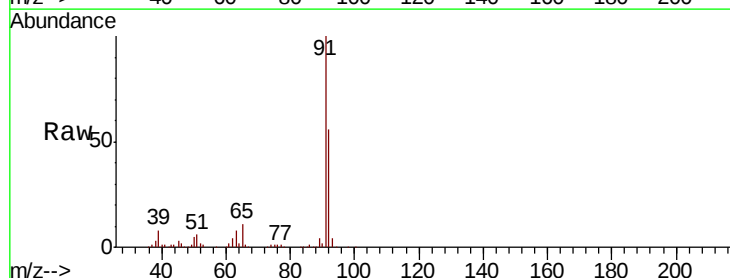
Instrument :
MSVOA_Y
ClientSampled :

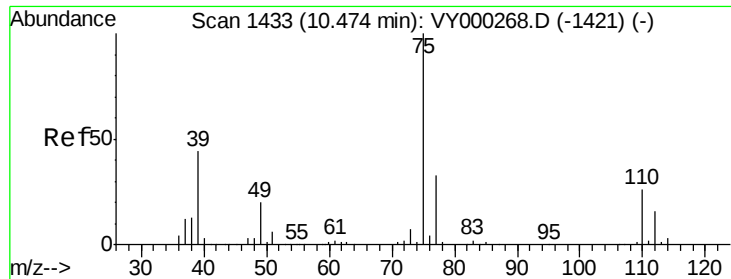
Tot Ion: 43 Resp: 298916
Ion Ratio Lower Upper
43 100
58 39.7 31.0 46.6



#52
Toluene
Concen: 21.633 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 92 Resp: 180693
Ion Ratio Lower Upper
92 100
91 173.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 22.412 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

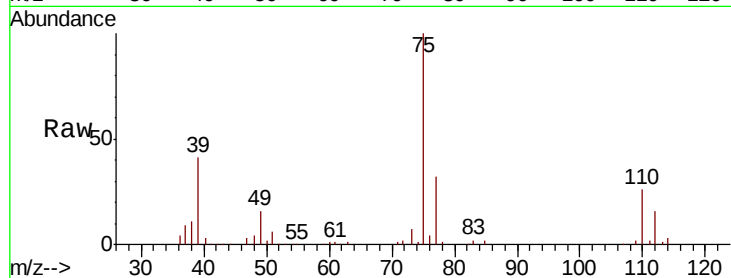
ClientSampleId :

Tot Ion: 75 Resp: 102163

Ion Ratio Lower Upper

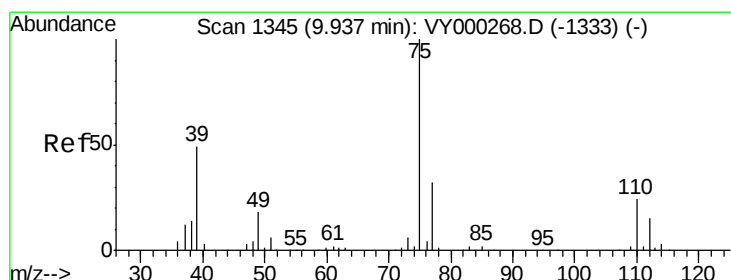
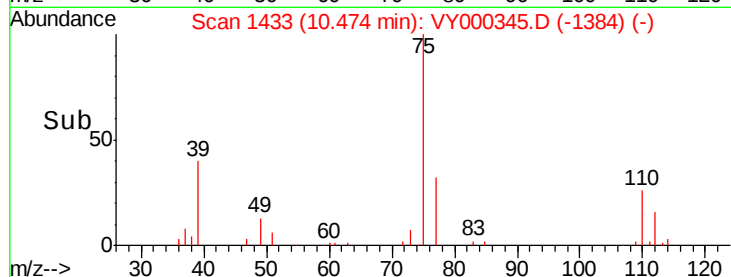
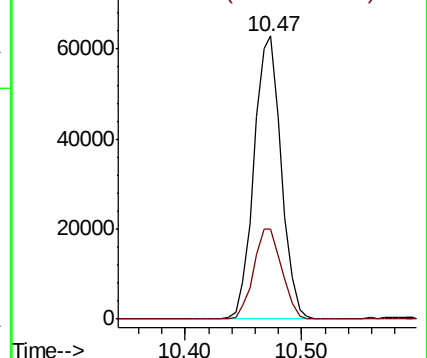
75 100

77 32.0 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 22.155 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

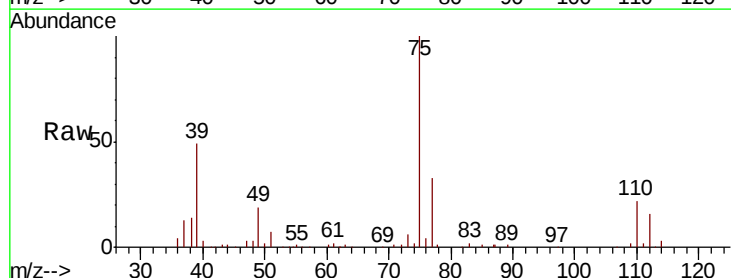
Tgt Ion: 75 Resp: 114689

Ion Ratio Lower Upper

75 100

77 32.9 26.0 39.0

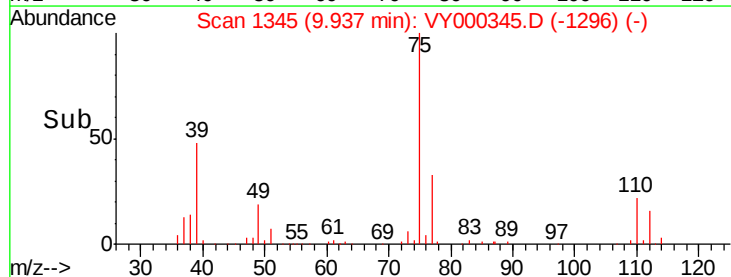
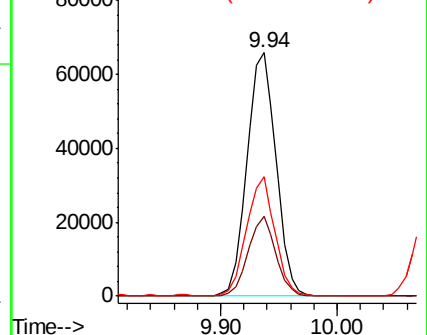
39 48.8 38.8 58.2

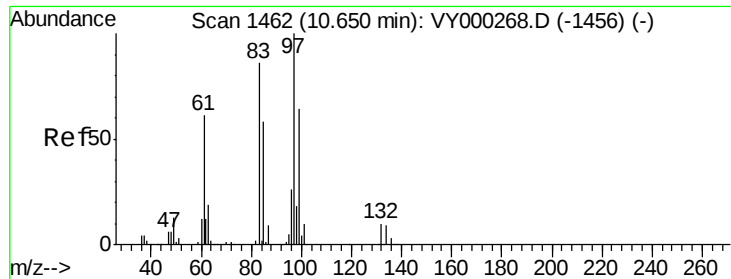


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

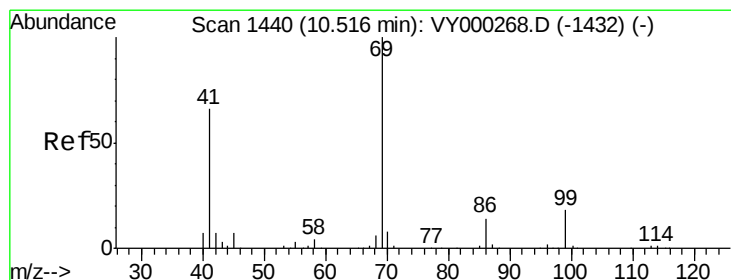
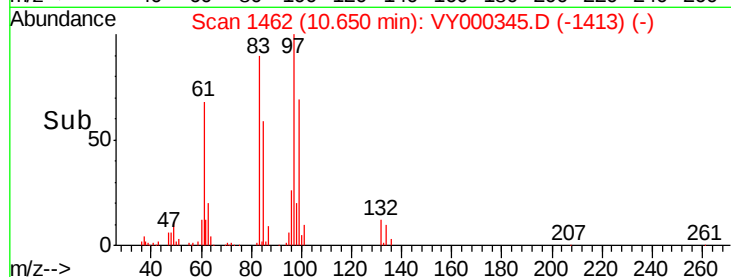
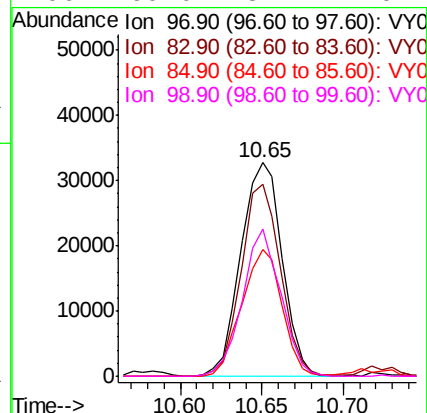
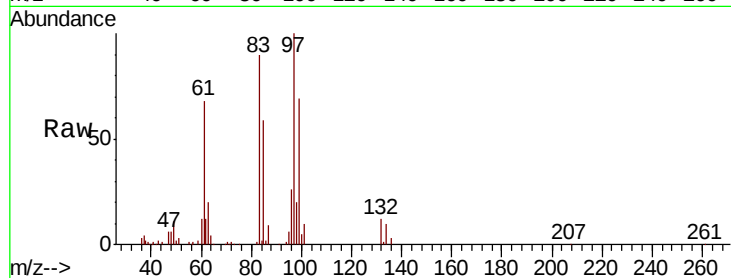




#55
 1,1,2-Trichloroethane
 Concen: 21.990 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

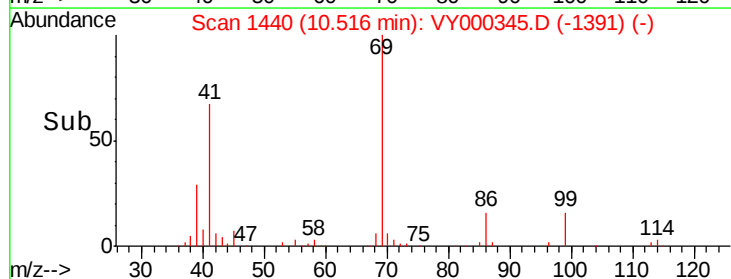
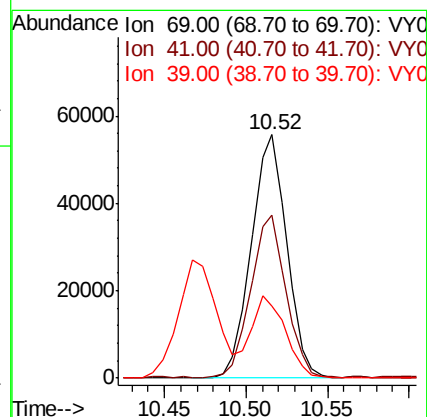
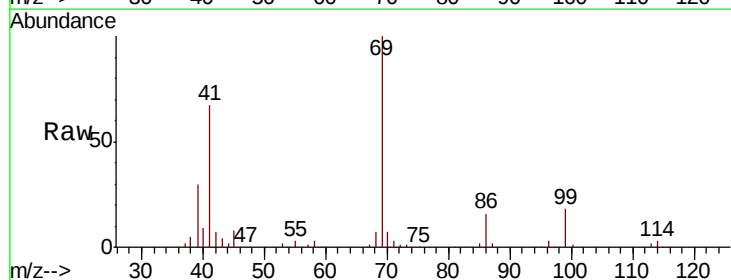
Instrument :
 MSVOA_Y
 ClientSampled :

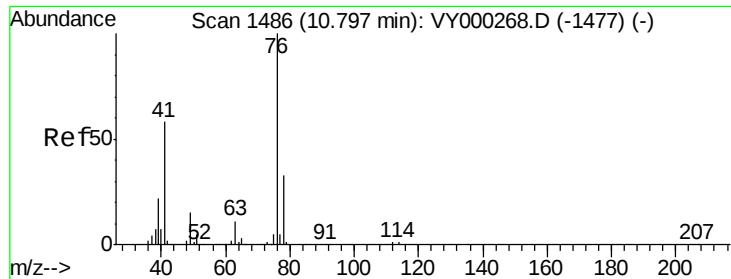
Tot Ion: 97 Resp: 57706
 Ion Ratio Lower Upper
 97 100
 83 89.6 69.0 103.6
 85 59.1 46.2 69.4
 99 69.0 51.1 76.7



#56
 Ethyl methacrylate
 Concen: 22.651 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion: 69 Resp: 84721
 Ion Ratio Lower Upper
 69 100
 41 66.0 52.5 78.7
 39 33.5 26.7 40.1





#57

1,3-Dichloropropane

Concen: 22.395 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

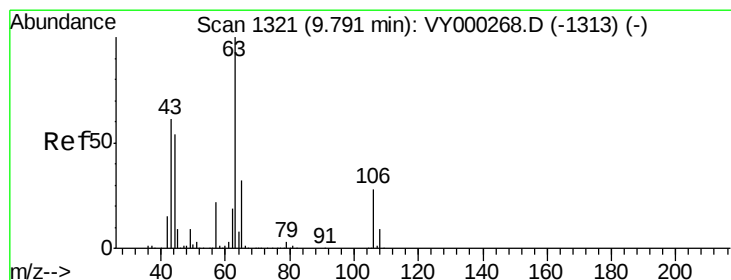
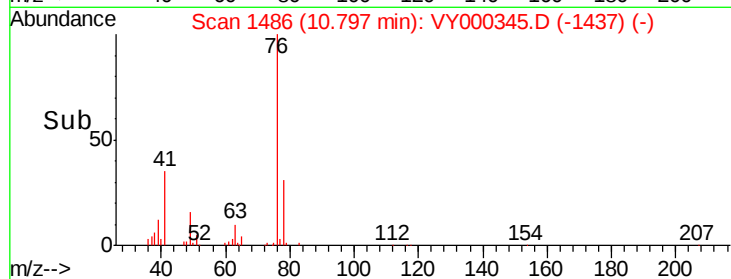
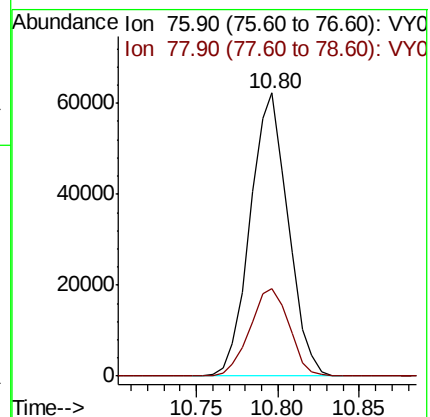
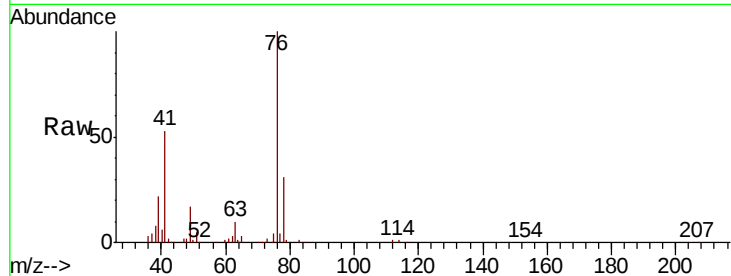
ClientSampleId :

Tot Ion: 76 Resp: 100926

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 131.541 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000345.D

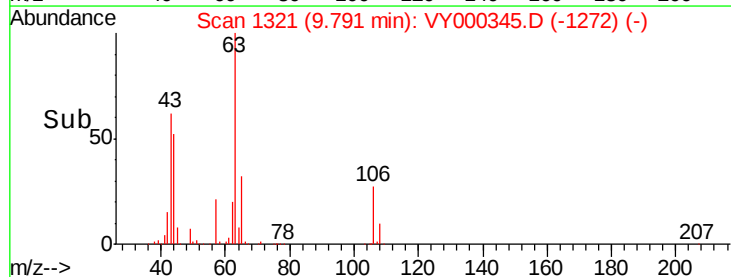
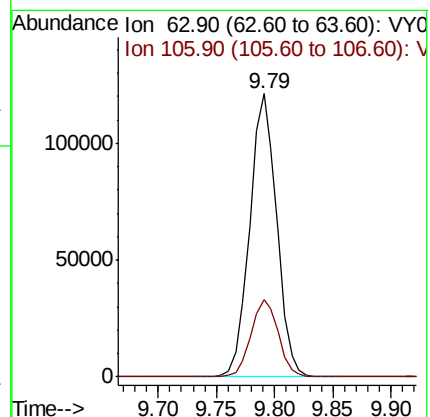
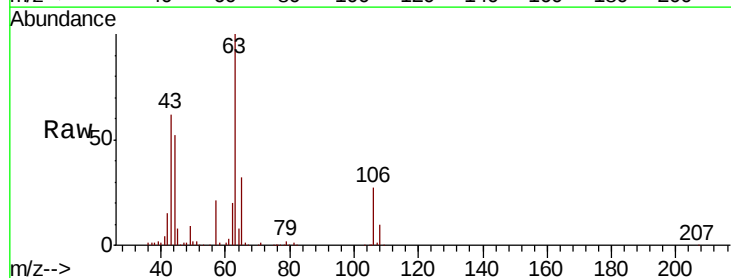
Acq: 18 Oct 2019 12:19

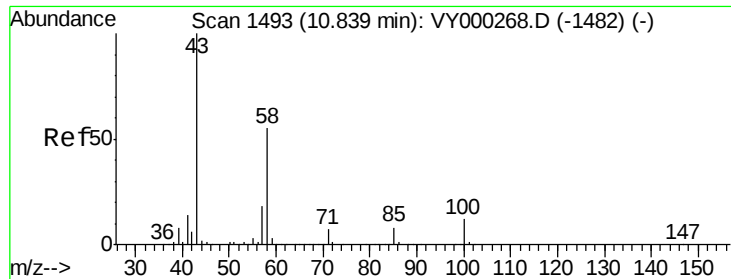
Tgt Ion: 63 Resp: 196247

Ion Ratio Lower Upper

63 100

106 27.6 23.0 34.4

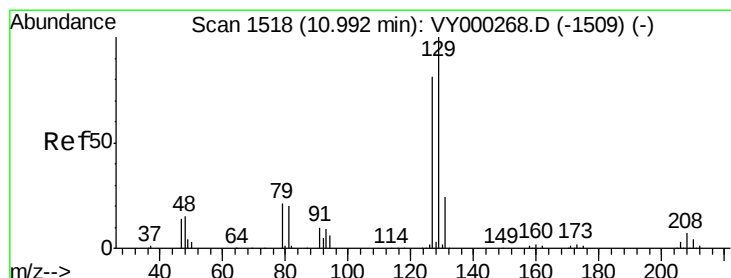
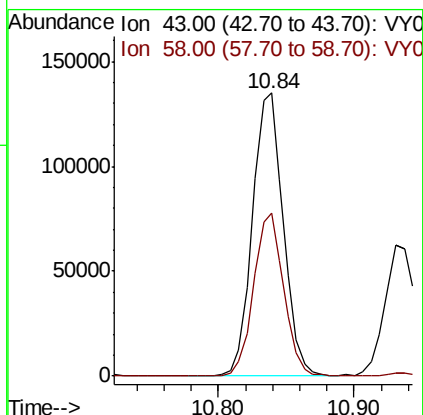
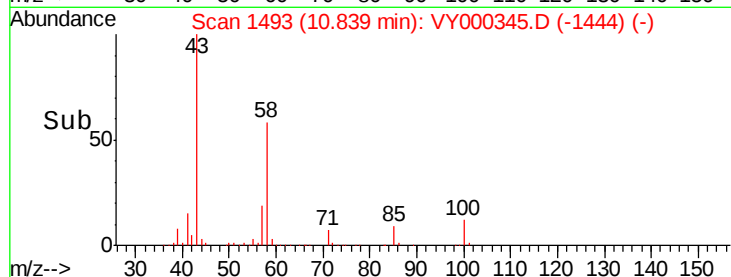
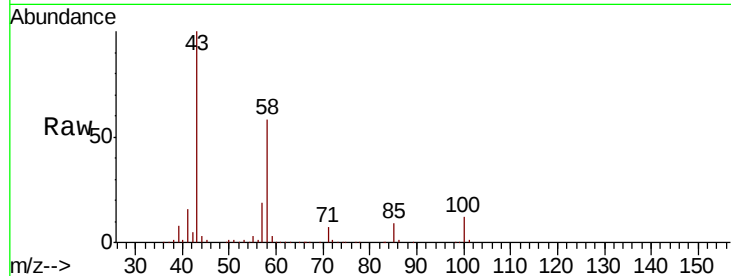




#59
2-Hexanone
Concen: 115.997 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

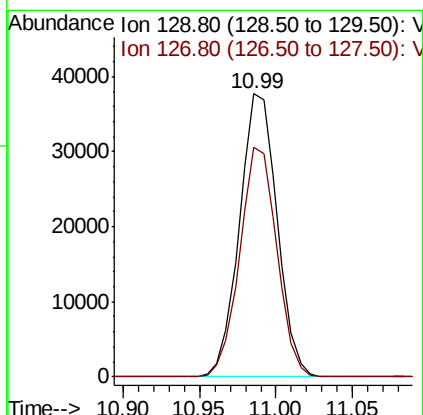
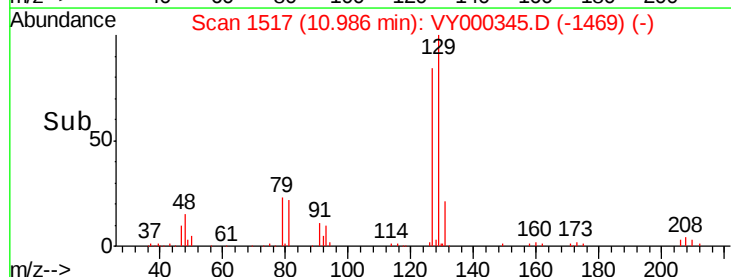
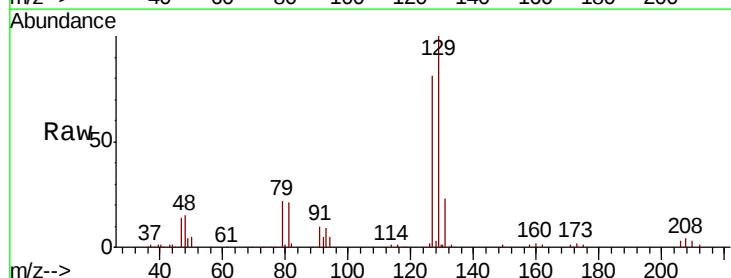
Instrument :
MSVOA_Y
ClientSampled :

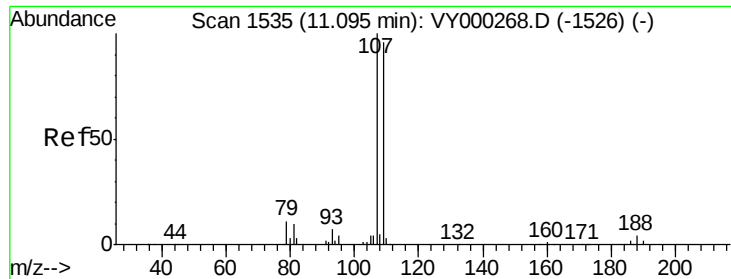
Tot Ion: 43 Resp: 215239
Ion Ratio Lower Upper
43 100
58 56.1 27.7 83.1



#60
Dibromochloromethane
Concen: 22.134 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 129 Resp: 64378
Ion Ratio Lower Upper
129 100
127 79.8 39.9 119.7

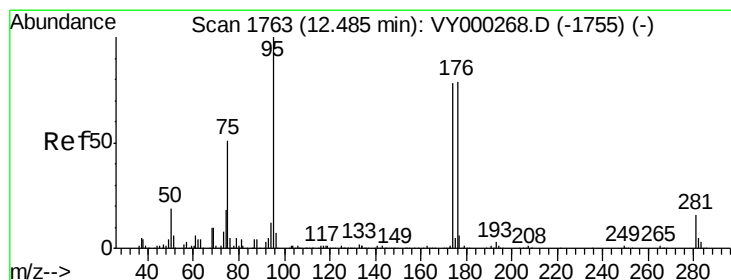
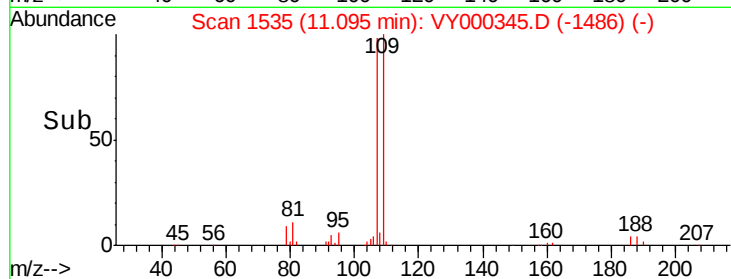
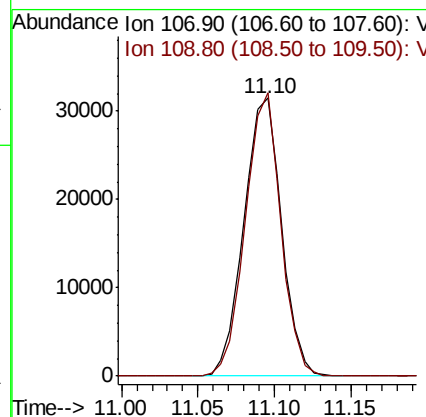
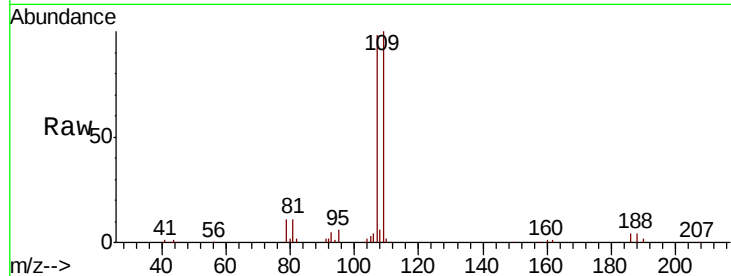




#61
 1,2-Dibromoethane
 Concen: 21.356 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

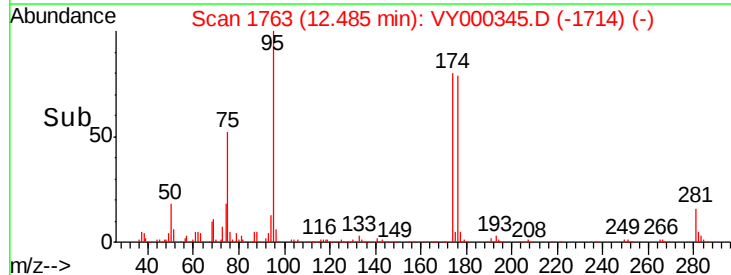
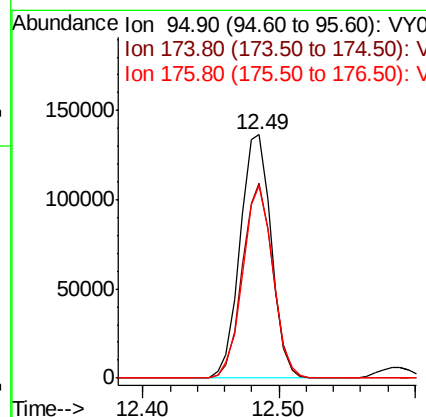
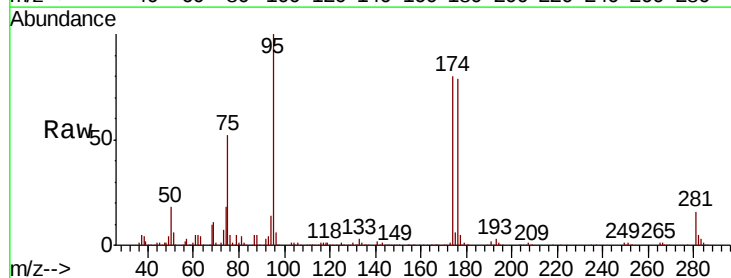
Instrument :
 MSVOA_Y
 ClientSampleId :

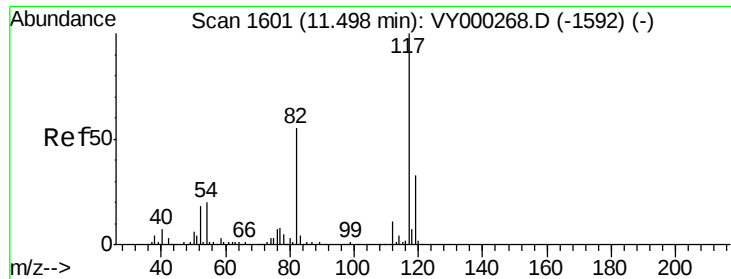
Tot Ion: 107 Resp: 53808
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 53.055 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion: 95 Resp: 217473
 Ion Ratio Lower Upper
 95 100
 174 77.8 0.0 159.6
 176 76.6 0.0 153.8

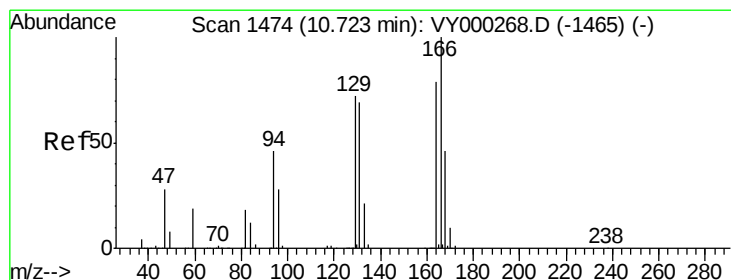
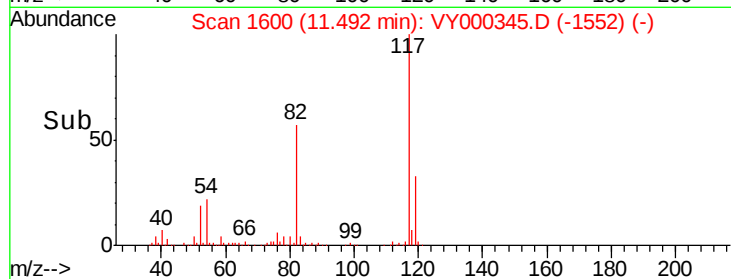
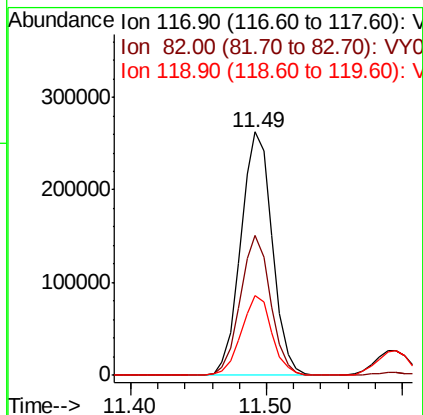
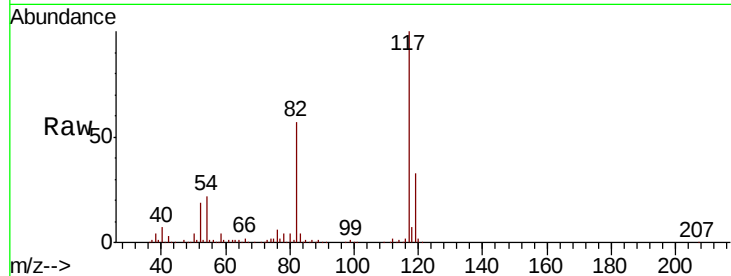




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

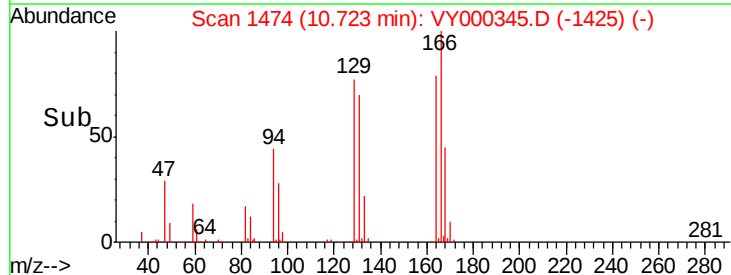
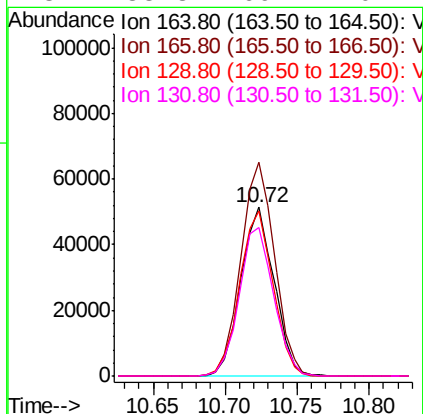
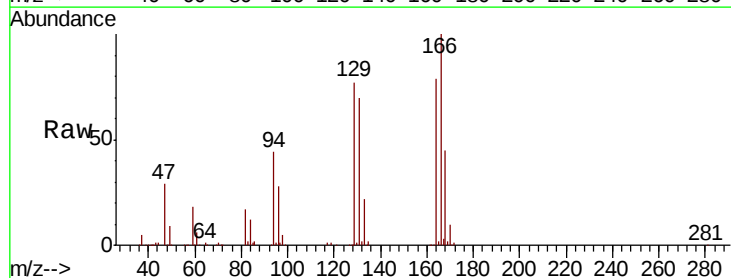
Instrument :
MSVOA_Y
ClientSampleId :

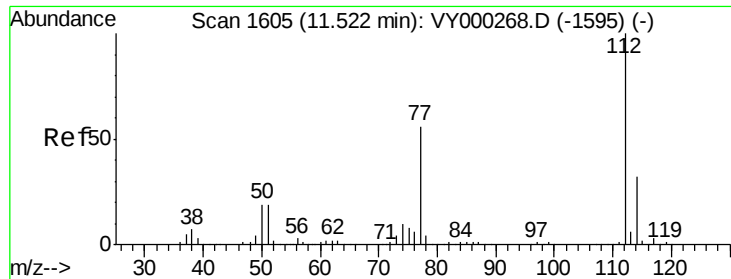
Tot Ion:117 Resp: 422172
Ion Ratio Lower Upper
117 100
82 57.2 43.7 65.5
119 32.7 26.6 39.8



#64
Tetrachloroethene
Concen: 20.562 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion:164 Resp: 82640
Ion Ratio Lower Upper
164 100
166 126.6 100.6 151.0
129 97.9 72.8 109.2
131 88.3 69.4 104.2





#65

Chlorobenzene

Concen: 21.434 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

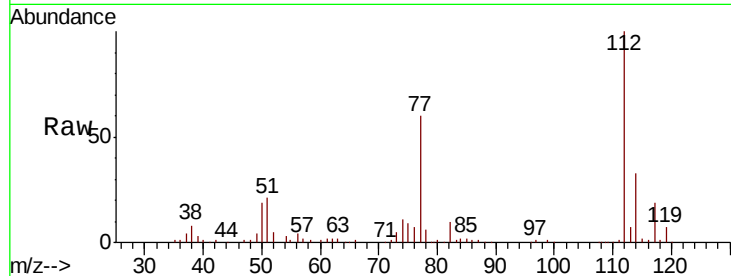
ClientSampleId :

Tot Ion:112 Resp: 190972

Ion Ratio Lower Upper

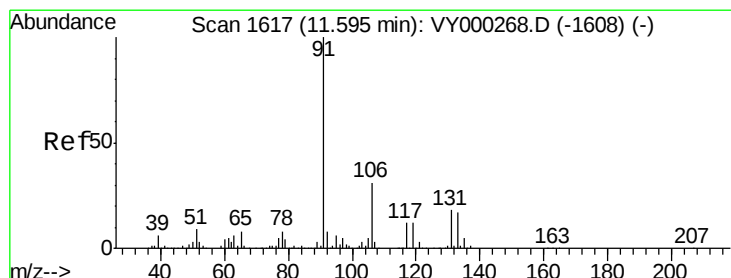
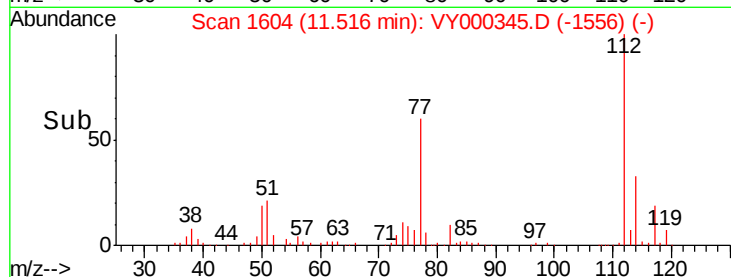
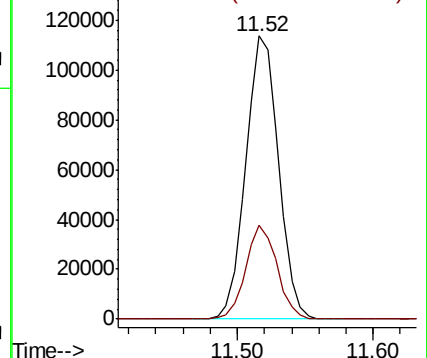
112 100

114 33.2 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.534 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

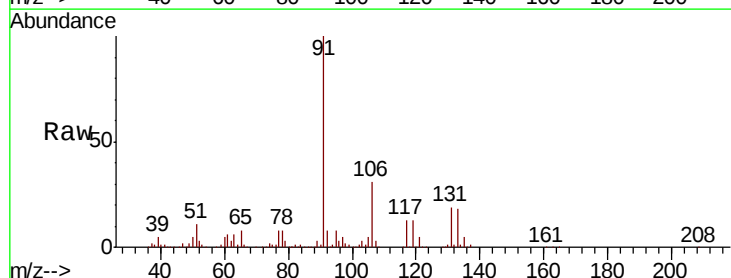
Tgt Ion:131 Resp: 67396

Ion Ratio Lower Upper

131 100

133 95.1 47.2 141.6

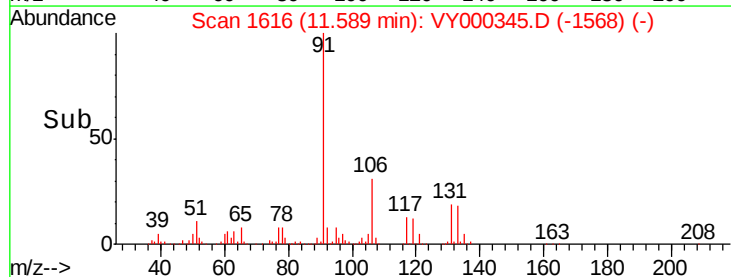
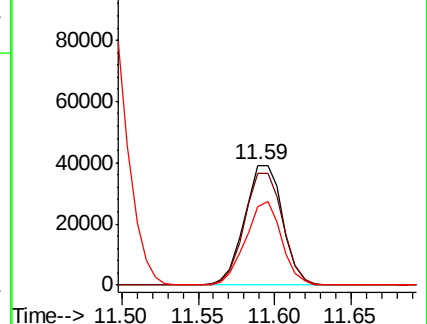
119 66.3 32.6 98.0

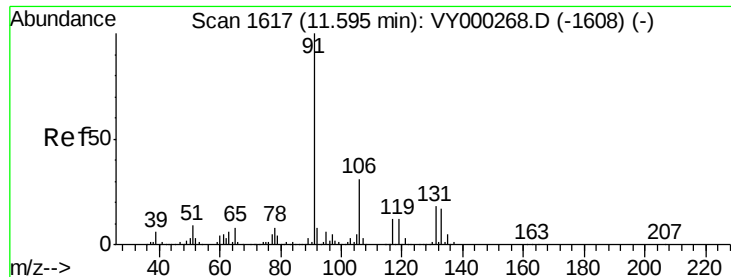


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

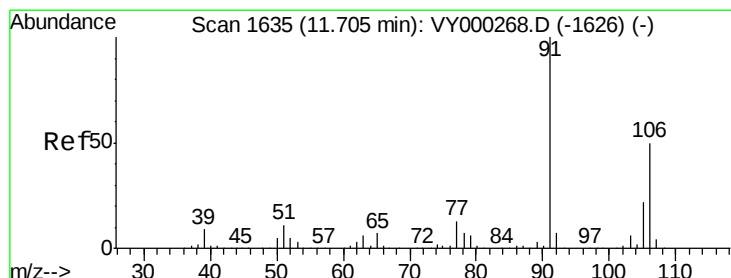
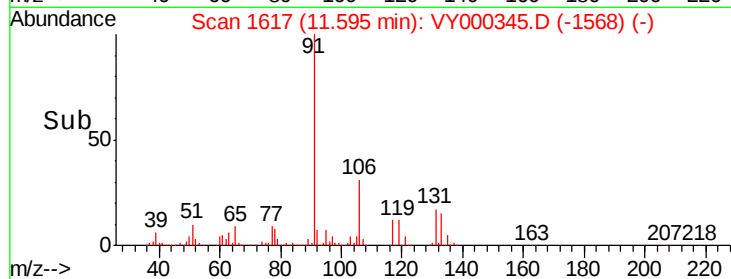
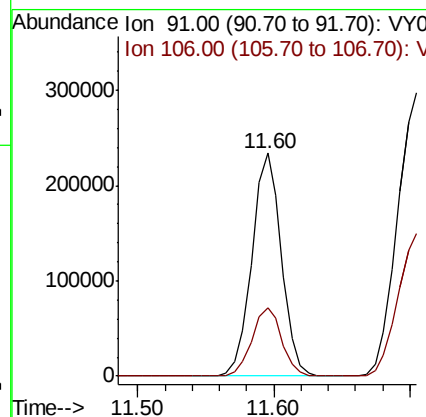
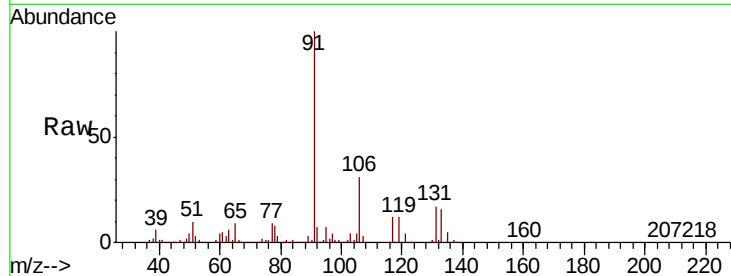




#67
Ethyl Benzene
Concen: 21.435 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

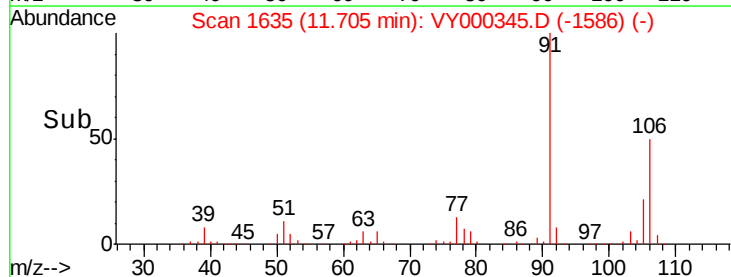
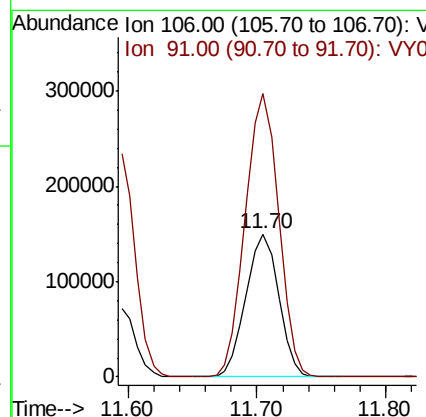
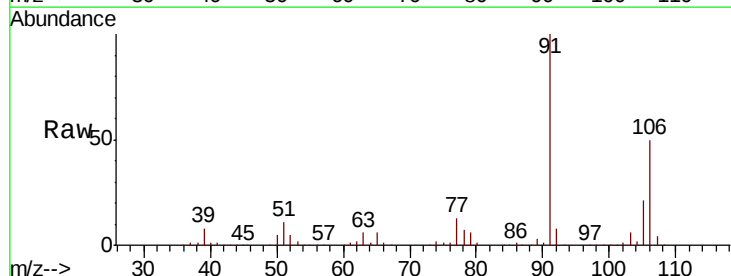
Instrument :
MSVOA_Y
ClientSampleId :

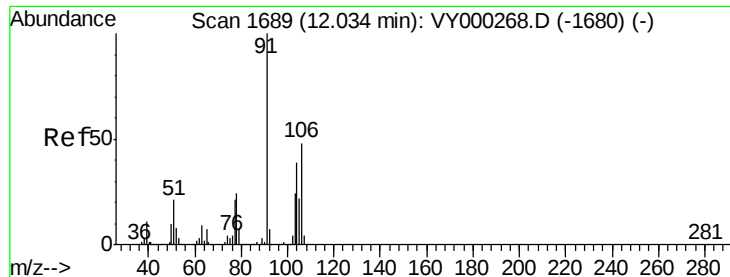
Tot Ion: 91 Resp: 354029
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.6



#68
m/p-Xylenes
Concen: 42.221 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion: 106 Resp: 266583
Ion Ratio Lower Upper
106 100
91 200.6 157.5 236.3

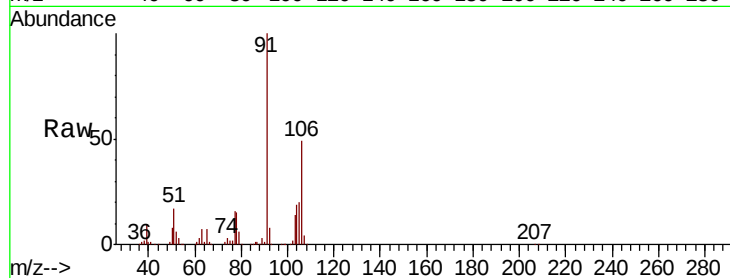




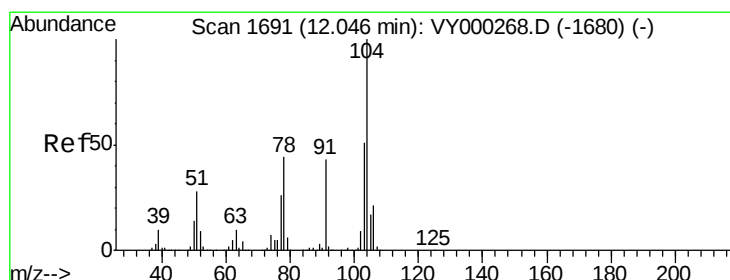
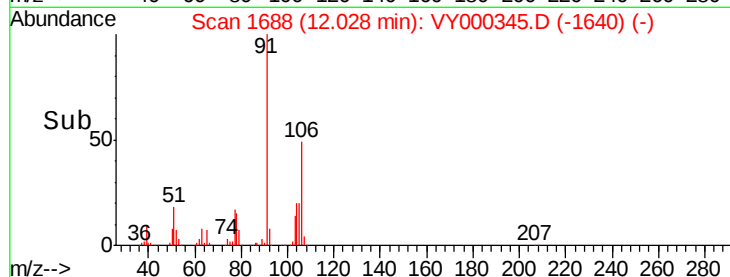
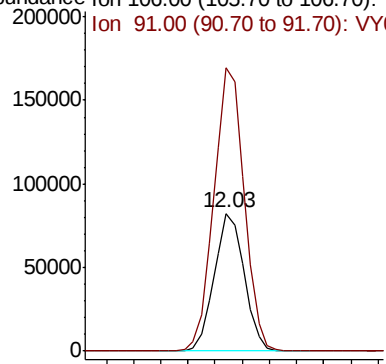
#69
o-Xylene
Concen: 21.161 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 127461
Ion Ratio Lower Upper
106 100
91 207.5 104.7 313.9

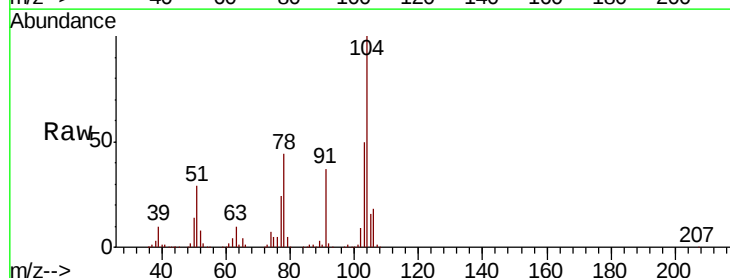


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

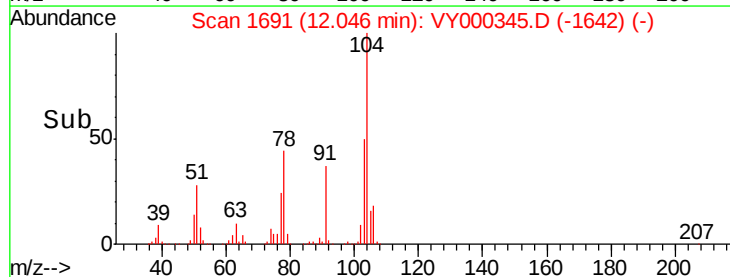
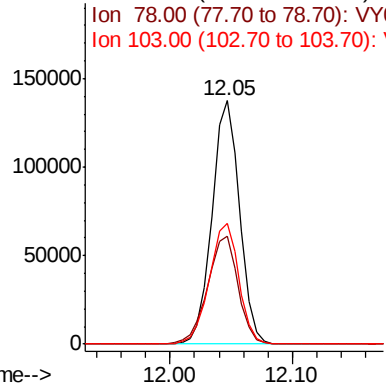


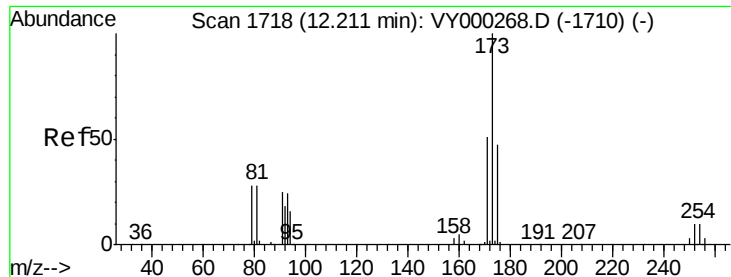
#70
Styrene
Concen: 21.037 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion:104 Resp: 213699
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.6
103 53.3 43.1 64.7



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





#71

Bromoform

Concen: 21.055 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampled :

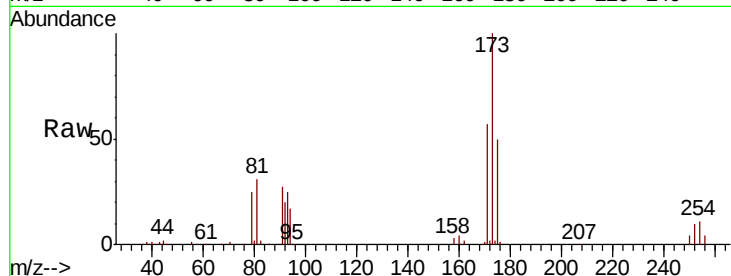
Tot Ion:173 Resp: 37883

Ion Ratio Lower Upper

173 100

175 50.0 24.6 73.6

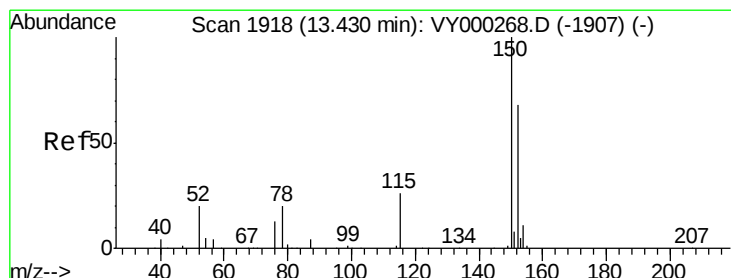
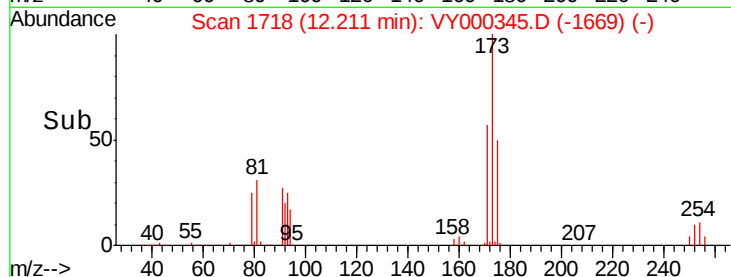
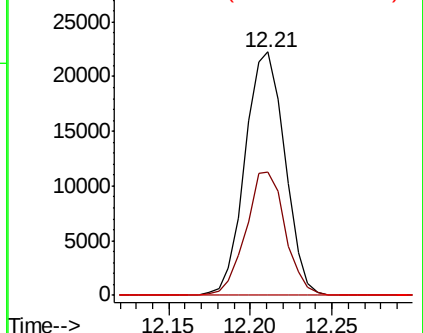
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

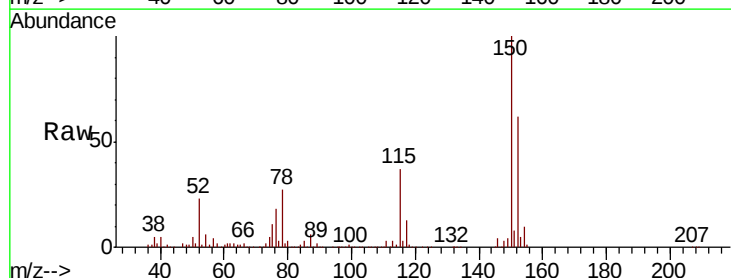
Tgt Ion:152 Resp: 206098

Ion Ratio Lower Upper

152 100

115 59.4 29.3 88.0

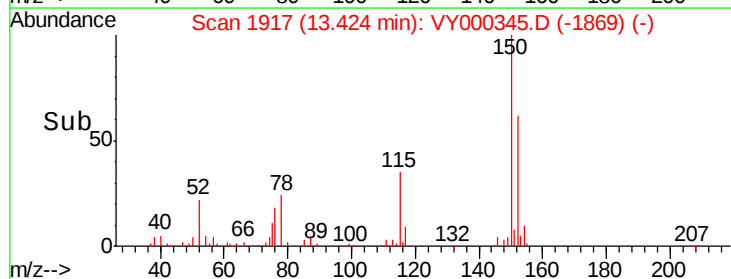
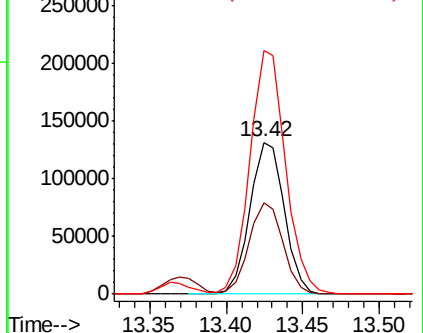
150 166.4 0.0 348.4

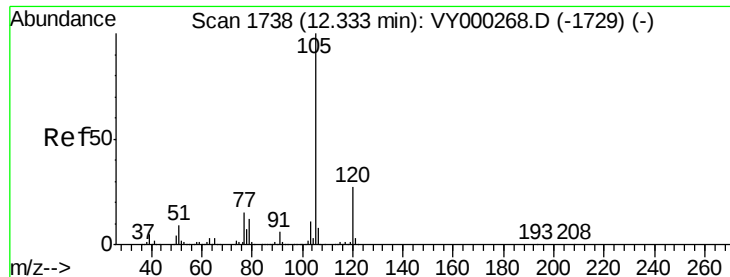


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.252 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

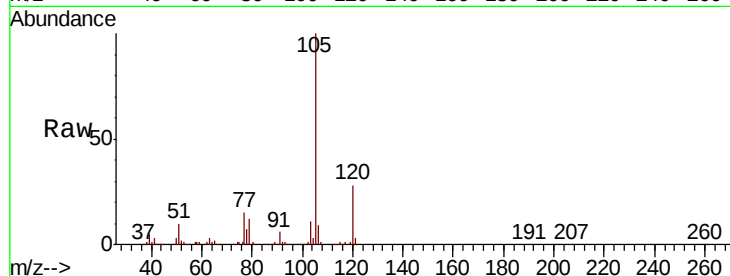
ClientSampleId :

Tot Ion: 105 Resp: 341526

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

200000

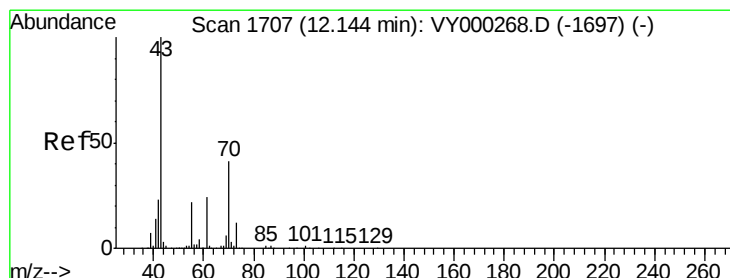
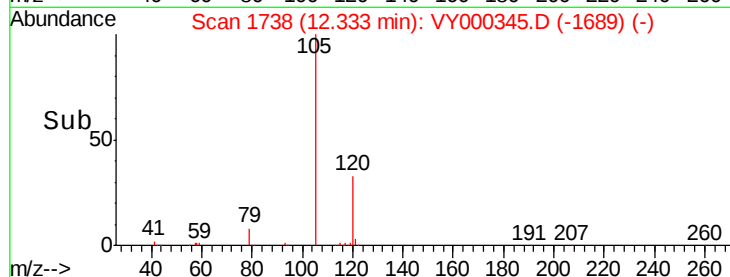
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 24.743 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Tgt Ion: 43 Resp: 97616

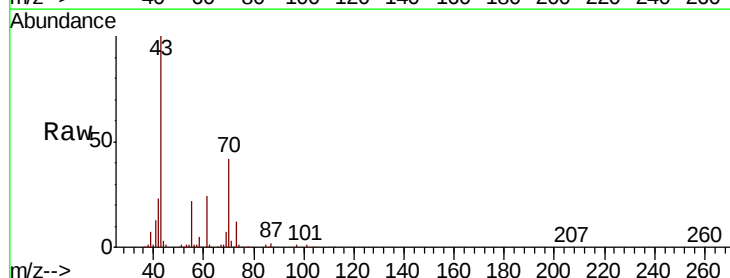
Ion Ratio Lower Upper

43 100

70 42.9 32.9 49.3

55 22.2 17.8 26.6

61 24.5 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

100000

80000

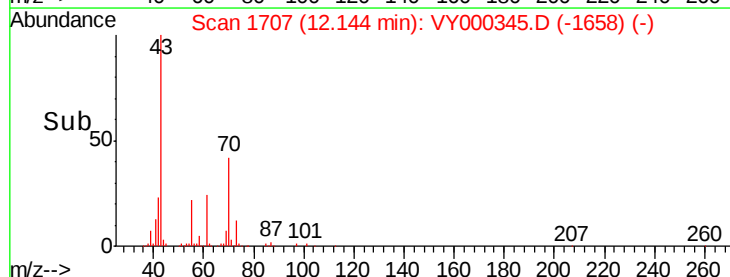
60000

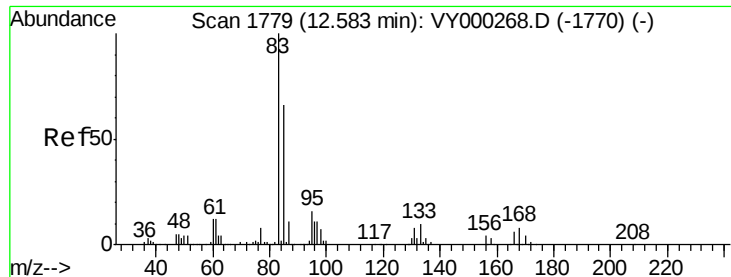
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.141 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampled :

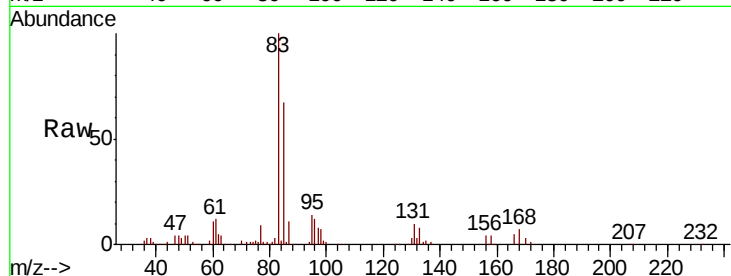
Tot Ion: 83 Resp: 66804

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

85 65.7 32.9 98.7



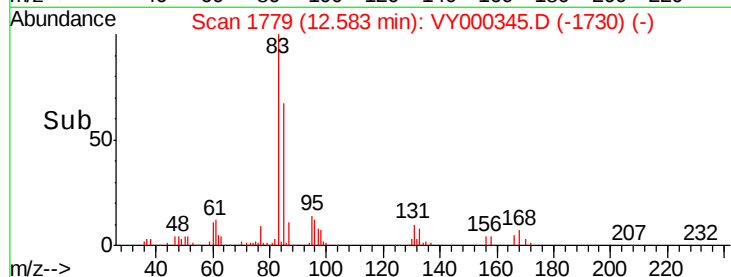
Abundance Ion 82.90 (82.60 to 83.60): VY000345.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000345.D (-1730) (-)

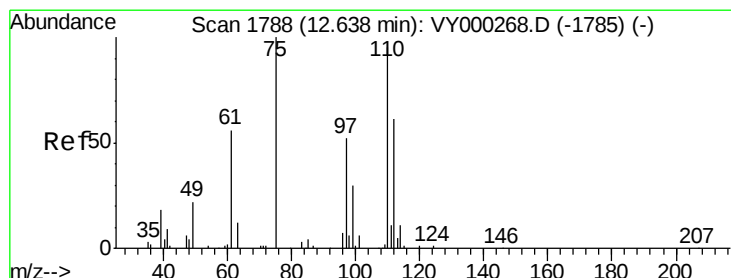
Ion 84.90 (84.60 to 85.60): VY000345.D (-1730) (-)

12.58

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 37.599 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY000345.D

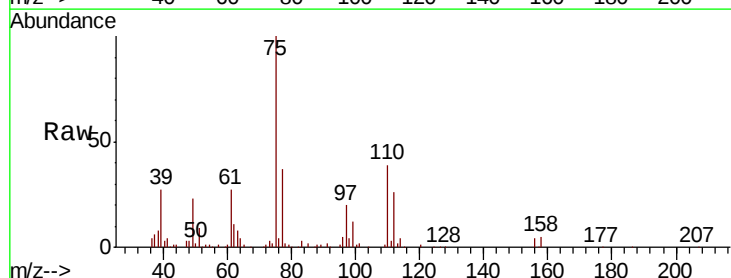
Acq: 18 Oct 2019 12:19

Tgt Ion: 75 Resp: 95286

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

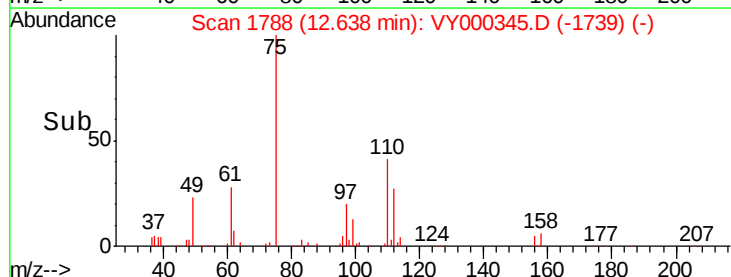


Abundance Ion 74.90 (74.60 to 75.60): VY000345.D (-1739) (-)

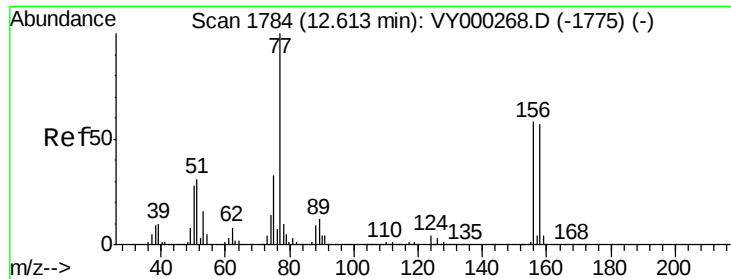
Ion 77.00 (76.70 to 77.70): VY000345.D (-1739) (-)

12.64

Time-->



Time-->



#77

Bromobenzene

Concen: 21.054 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

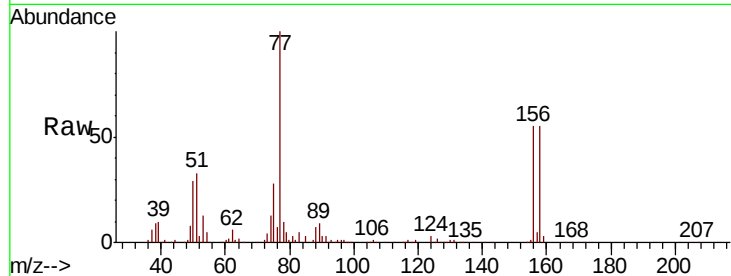
Tot Ion:156 Resp: 75287

Ion Ratio Lower Upper

156 100

77 204.5 101.0 302.9

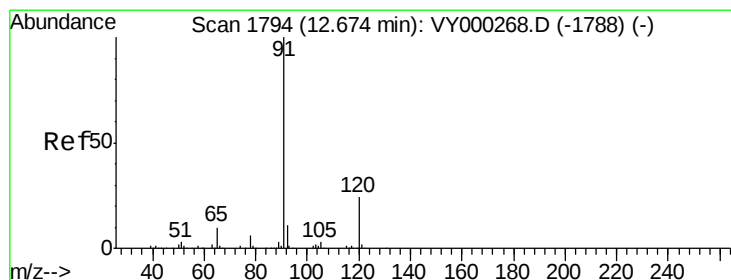
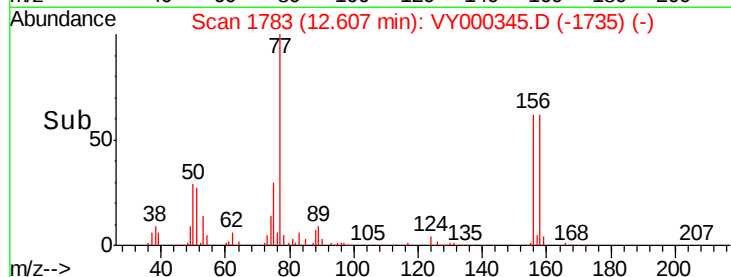
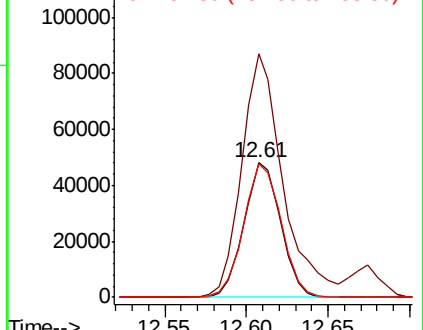
158 101.7 49.7 149.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.255 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000345.D

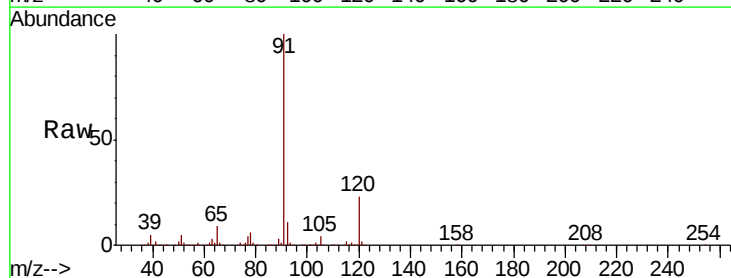
Acq: 18 Oct 2019 12:19

Tgt Ion: 91 Resp: 410101

Ion Ratio Lower Upper

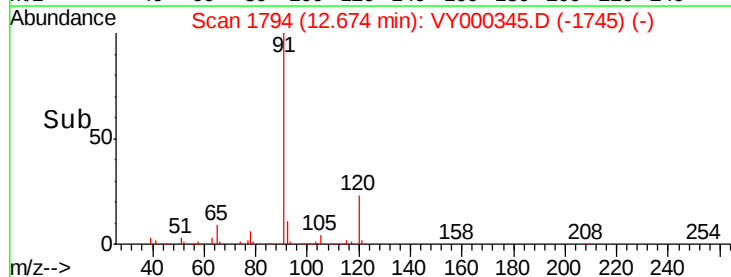
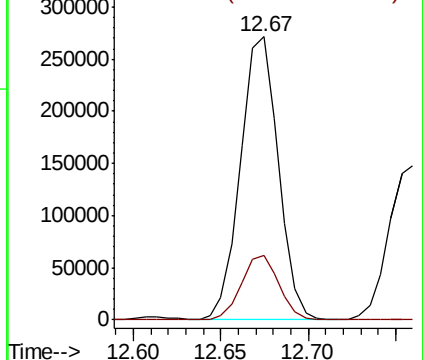
91 100

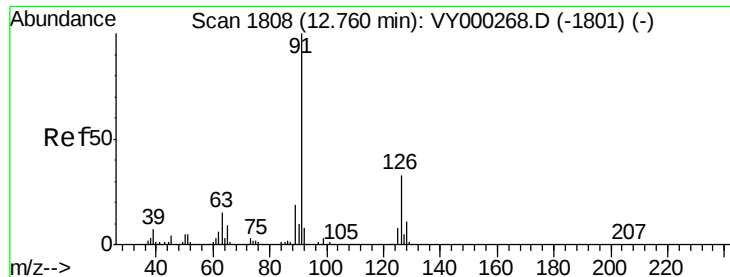
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.674 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

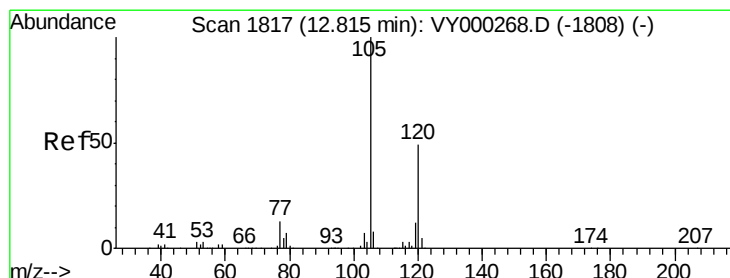
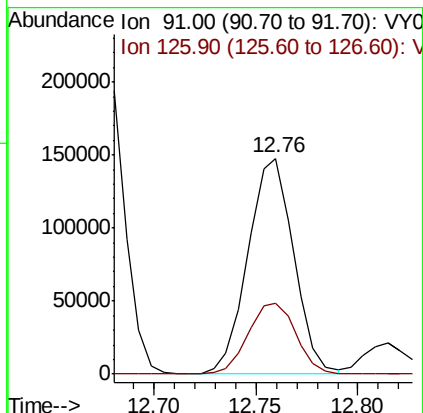
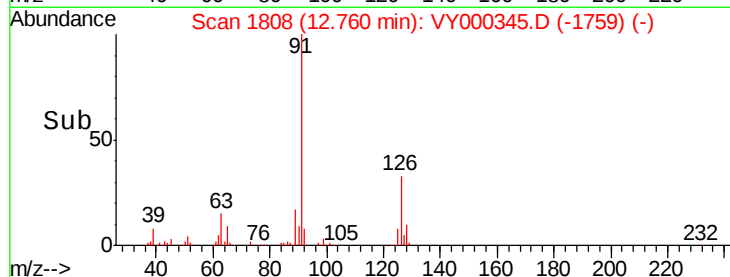
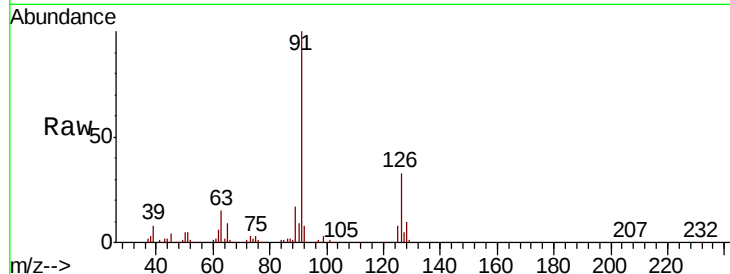
ClientSampleId :

Tot Ion: 91 Resp: 230950

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.3



#80

1,3,5-Trimethylbenzene

Concen: 21.374 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000345.D

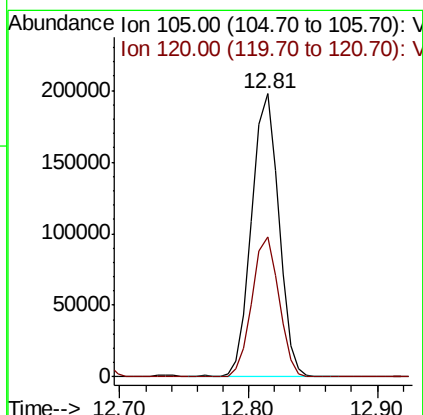
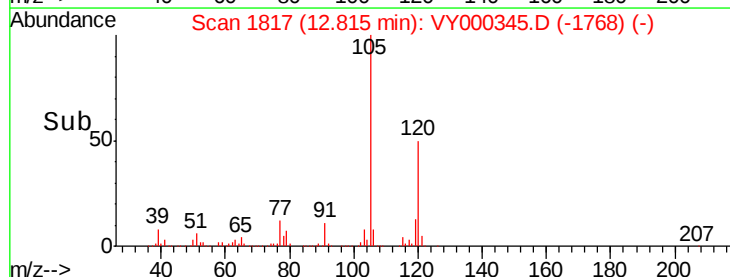
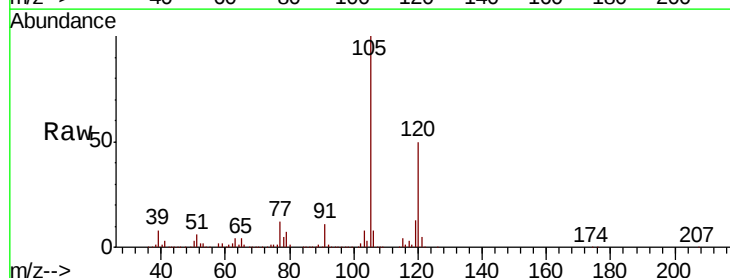
Acq: 18 Oct 2019 12:19

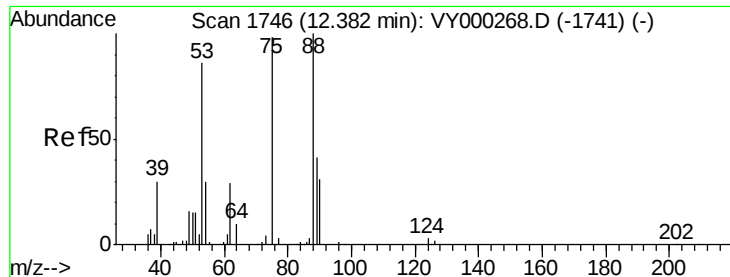
Tgt Ion:105 Resp: 288020

Ion Ratio Lower Upper

105 100

120 49.2 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.356 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

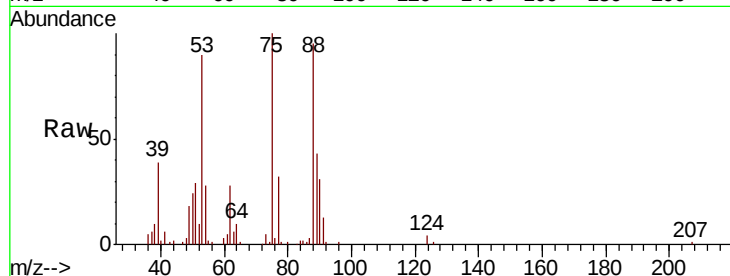
Tot Ion: 75 Resp: 24736

Ion Ratio Lower Upper

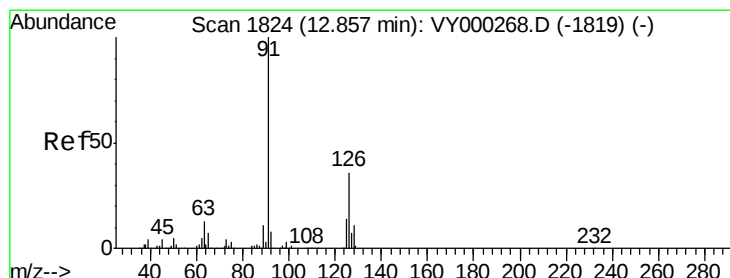
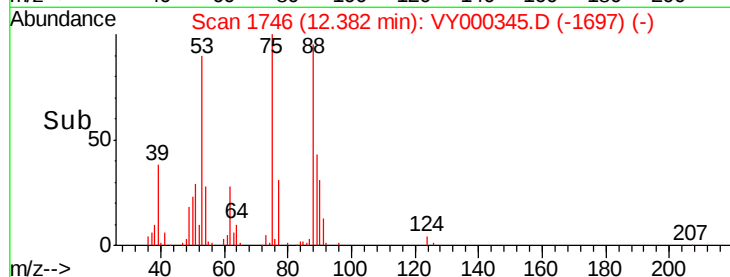
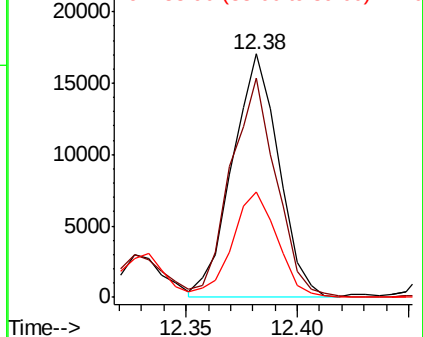
75 100

53 88.2 71.3 106.9

89 42.3 35.1 52.7



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



#82

4-Chlorotoluene

Concen: 21.515 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000345.D

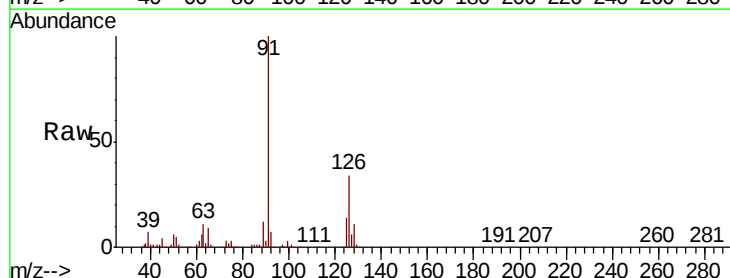
Acq: 18 Oct 2019 12:19

Tgt Ion: 91 Resp: 242332

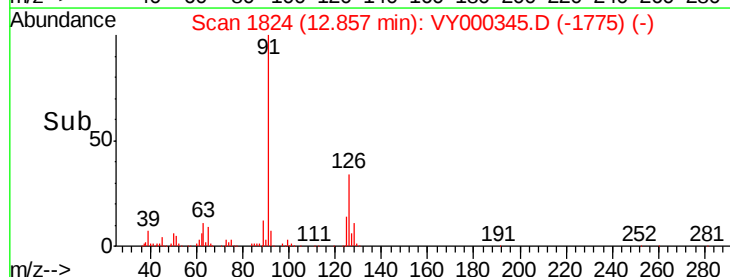
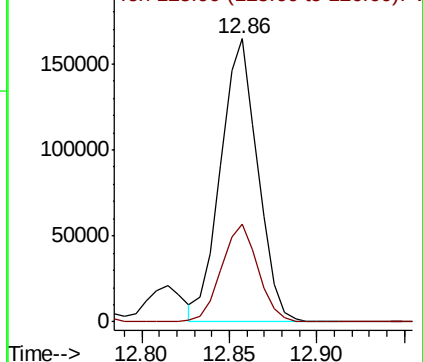
Ion Ratio Lower Upper

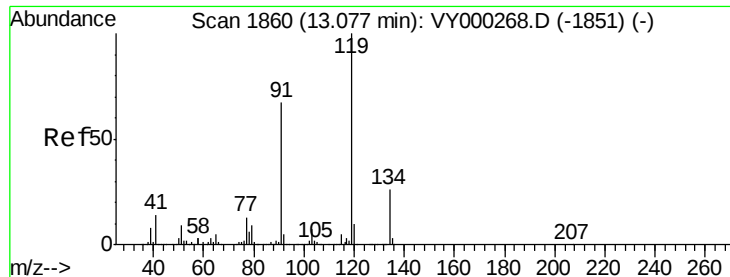
91 100

126 33.9 17.2 51.5



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

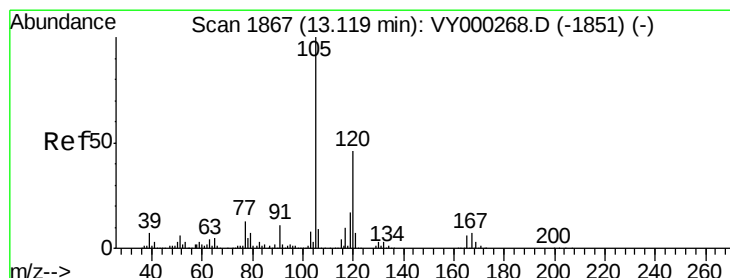
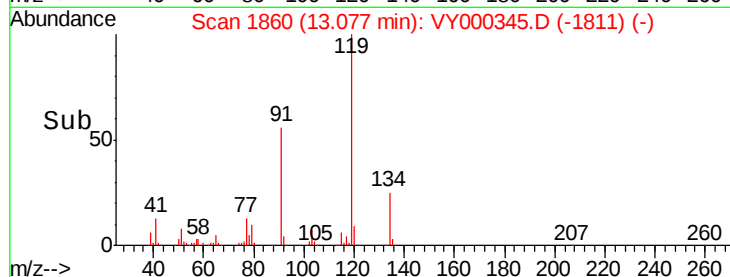
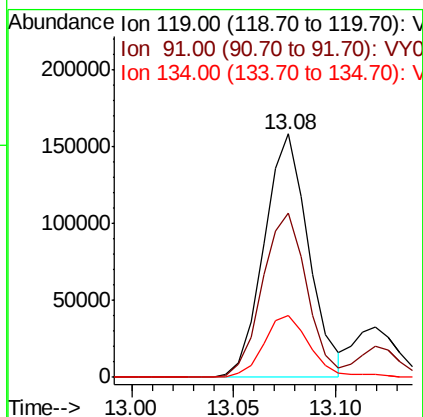
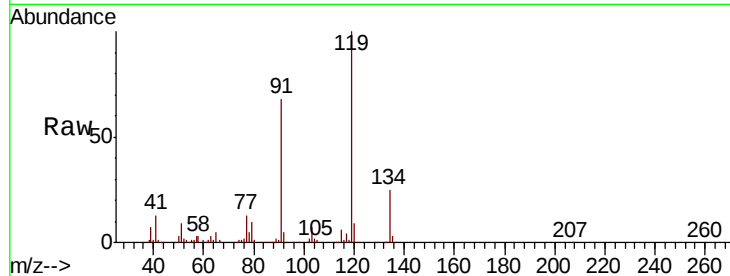




#83
tert-Butylbenzene
Concen: 21.076 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

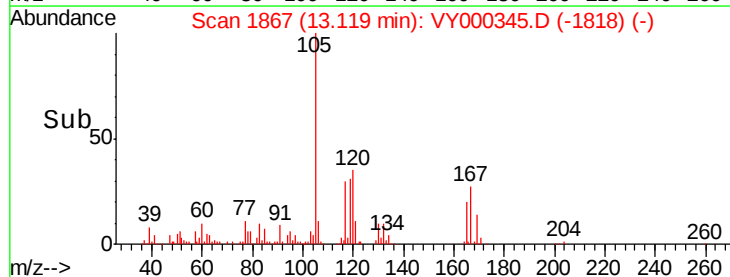
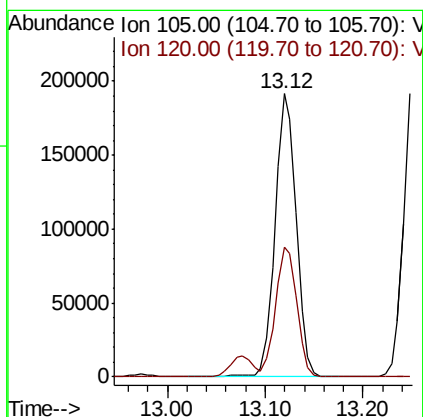
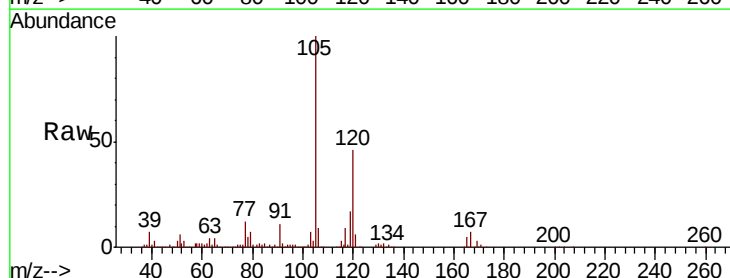
Instrument :
MSVOA_Y
ClientSampleId :

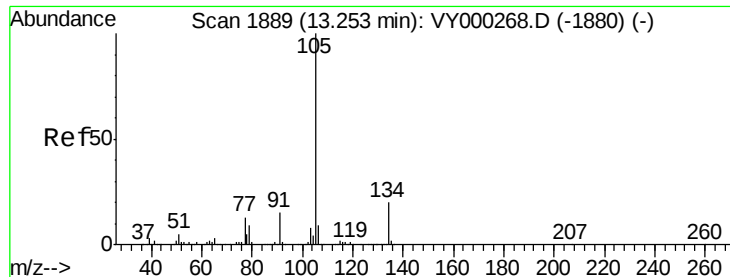
Tot Ion:119 Resp: 240508
Ion Ratio Lower Upper
119 100
91 67.6 32.9 98.7
134 26.7 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 21.789 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion:105 Resp: 289785
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.8





#85

sec-Butylbenzene

Concen: 21.314 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

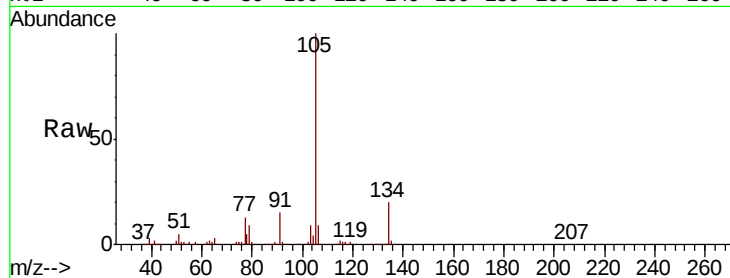
ClientSampled :

Tot Ion:105 Resp: 351856

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

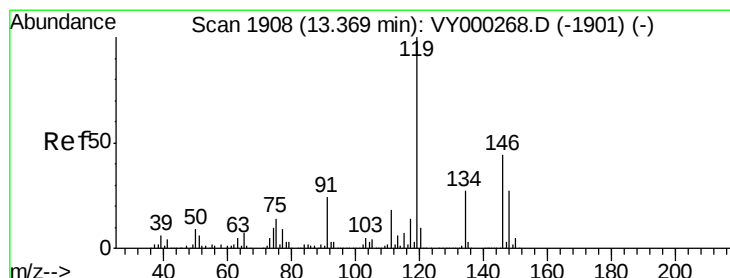
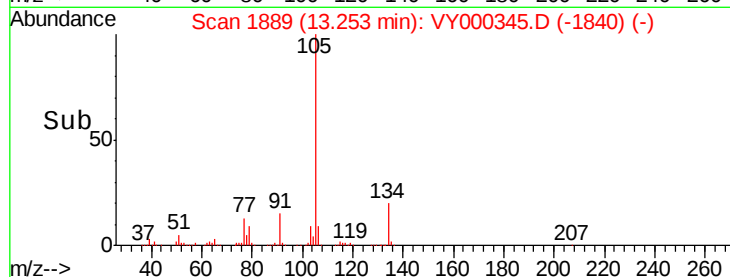
50000

0

13.25

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.703 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

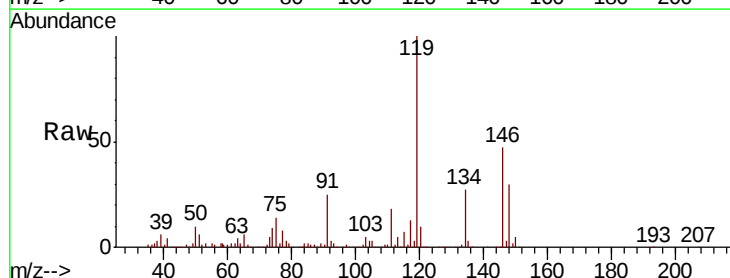
Tgt Ion:119 Resp: 312354

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

91 23.9 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

150000

100000

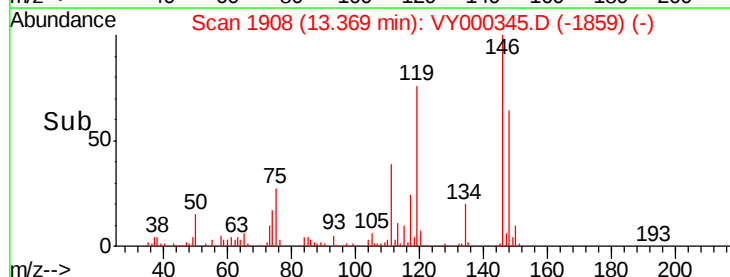
50000

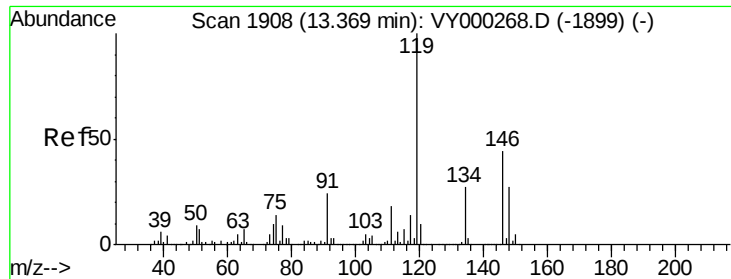
0

13.37

13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 21.330 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

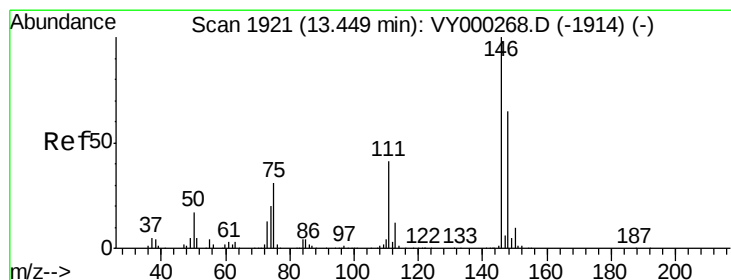
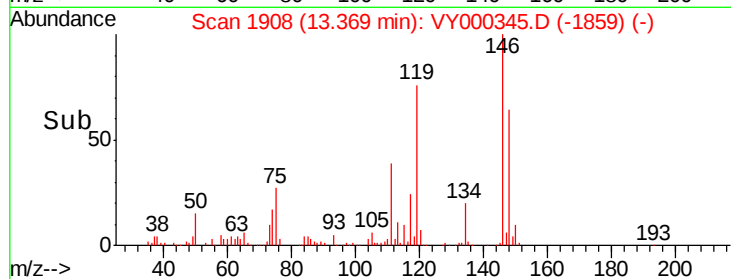
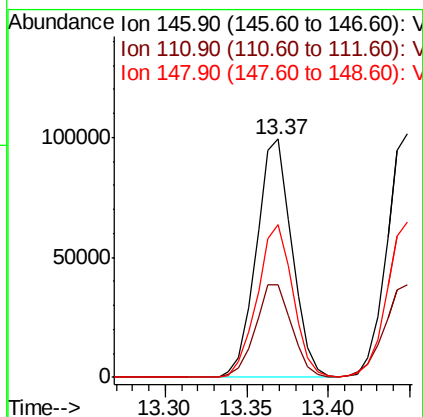
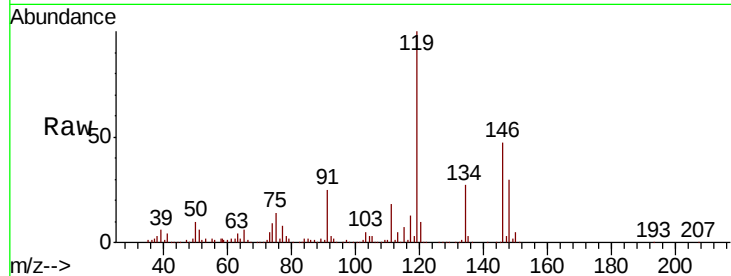
Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:146 Resp: 150284

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.6	61.8
148	64.2	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 21.865 ug/l

RT: 13.45 min Scan# 1921

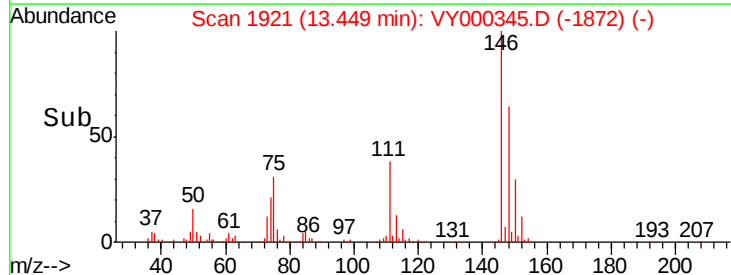
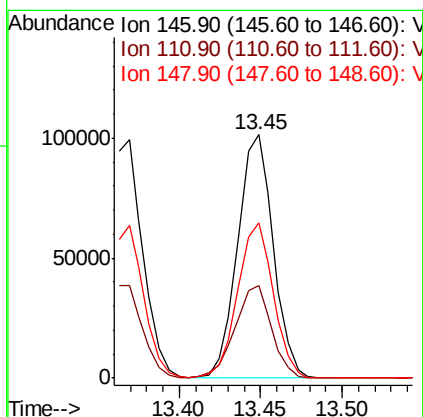
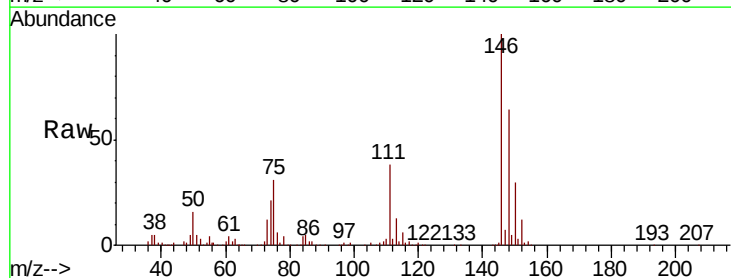
Delta R.T. 0.00 min

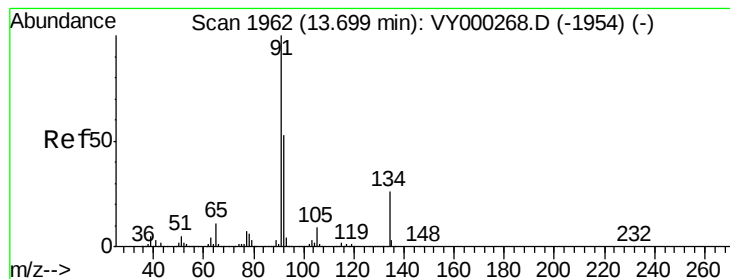
Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Tgt Ion:146 Resp: 153978

Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.1	60.2
148	64.1	32.4	97.2





#89

n-Butylbenzene

Concen: 21.475 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampled :

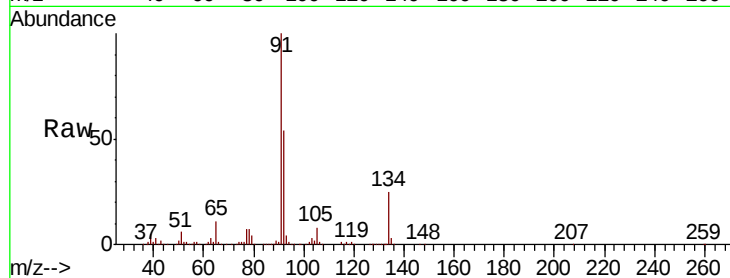
Tot Ion: 91 Resp: 305420

Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.7	80.1
134	25.8	13.0	38.9

91 100

92 53.7 26.7 80.1

134 25.8 13.0 38.9

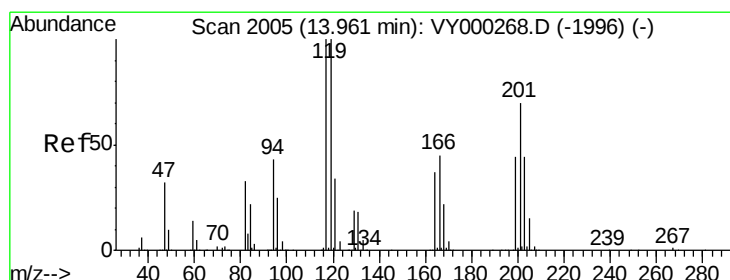
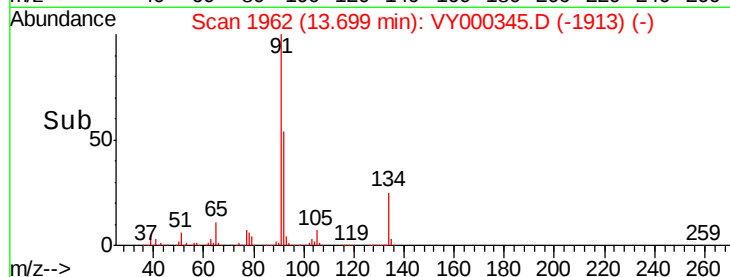
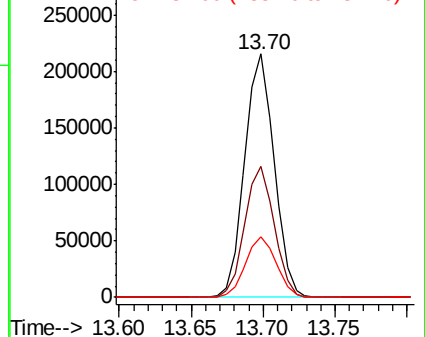


Abundance

Ion 91.00 (90.70 to 91.70): VY000345.D (-1954) (-)

Ion 92.00 (91.70 to 92.70): VY000345.D (-1954) (-)

Ion 134.00 (133.70 to 134.70): VY000345.D (-1954) (-)



#90

Hexachloroethane

Concen: 21.258 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY000345.D

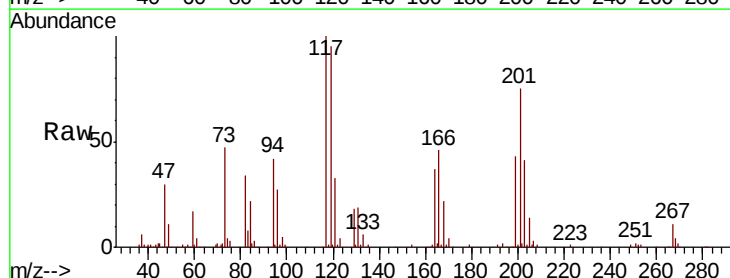
Acq: 18 Oct 2019 12:19

Tgt Ion: 117 Resp: 56653

Ion	Ratio	Lower	Upper
117	100		
201	72.3	36.3	108.7

117 100

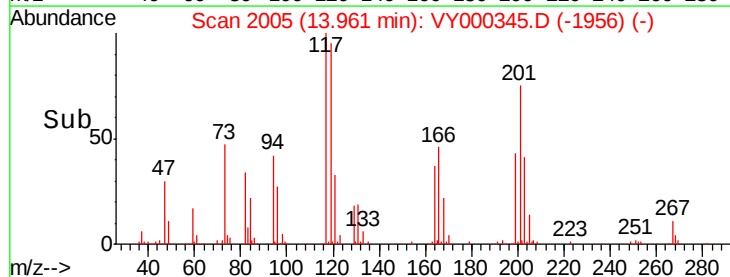
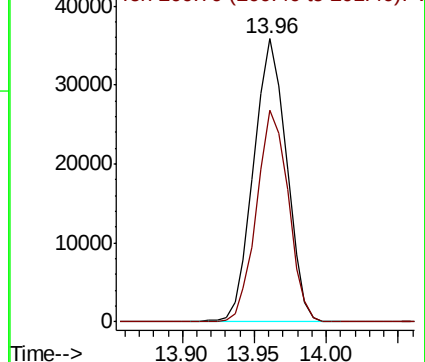
201 72.3 36.3 108.7

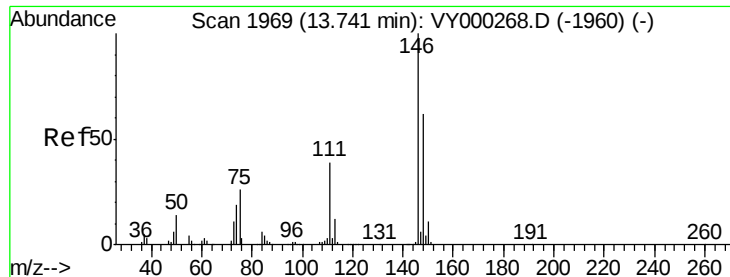


Abundance

Ion 116.80 (116.50 to 117.50): VY000345.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY000345.D (-1956) (-)





#91

1,2-Dichlorobenzene

Concen: 21.870 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

Instrument :

MSVOA_Y

ClientSampleId :

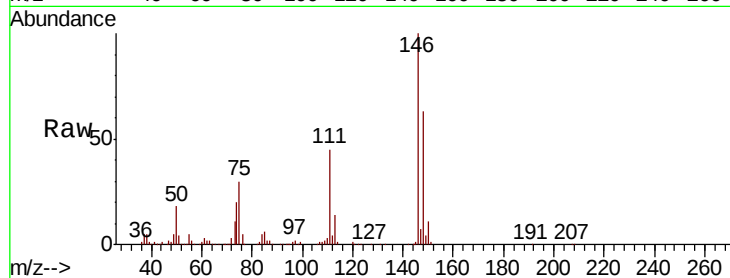
Tot Ion:146 Resp: 139449

Ion Ratio Lower Upper

146 100

111 42.8 20.5 61.5

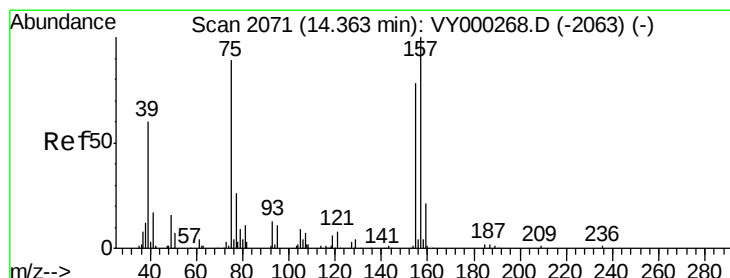
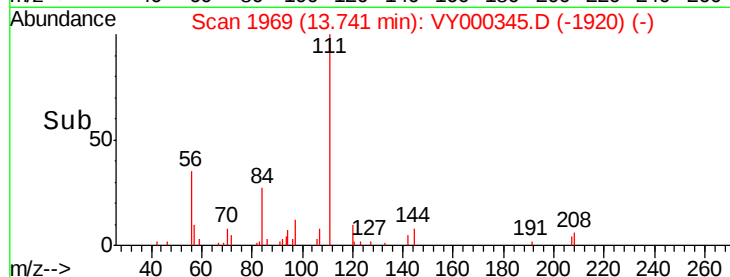
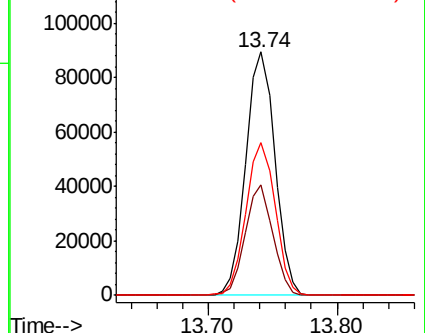
148 63.1 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.069 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY000345.D

Acq: 18 Oct 2019 12:19

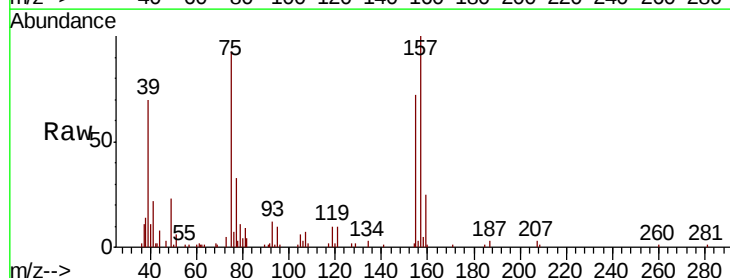
Tgt Ion: 75 Resp: 12629

Ion Ratio Lower Upper

75 100

155 82.8 45.8 137.3

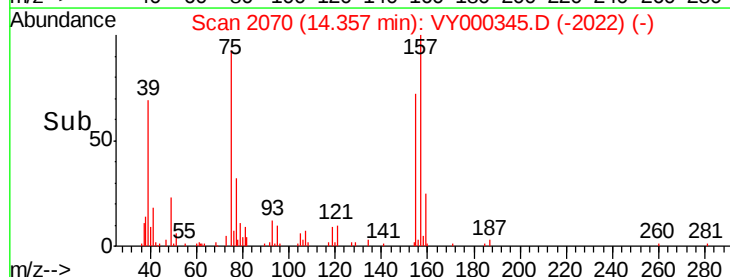
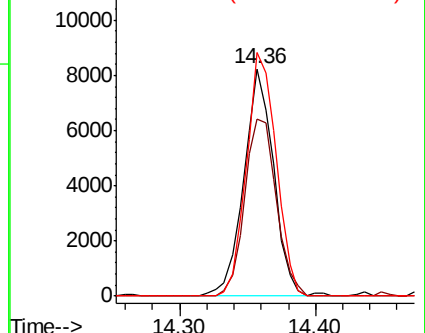
157 107.2 55.6 166.9

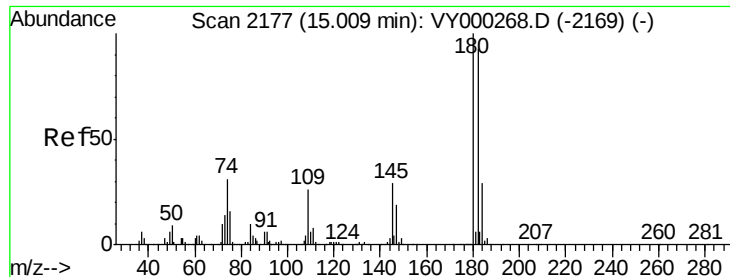


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

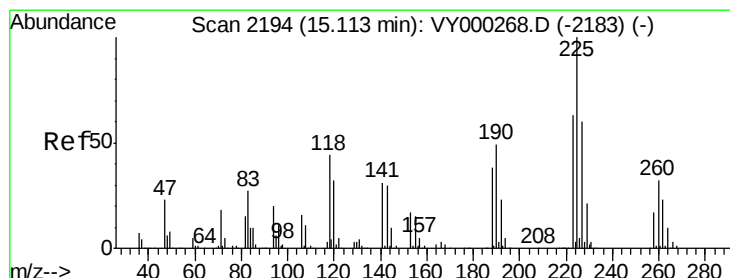
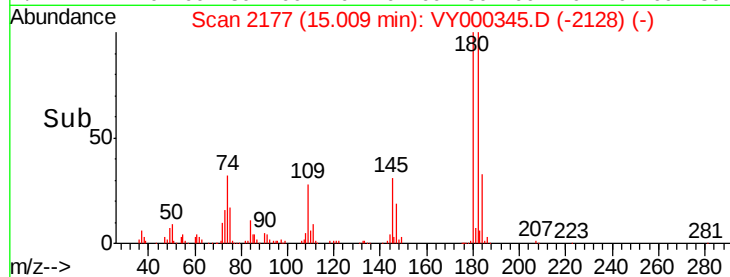
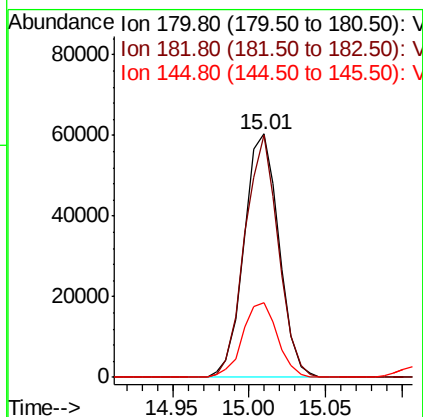
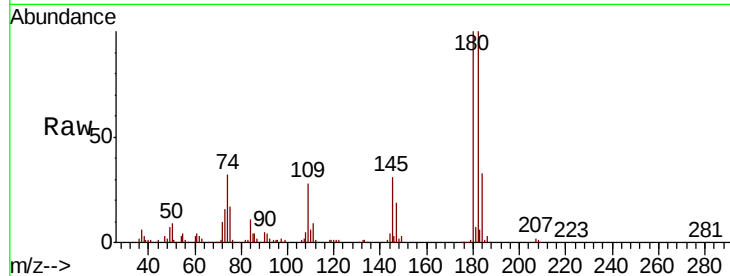




#93
 1,2,4-Trichlorobenzene
 Concen: 21.582 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

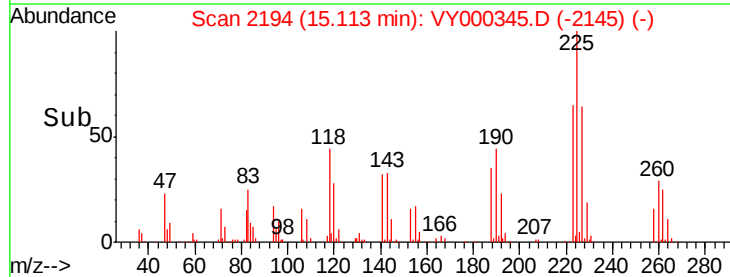
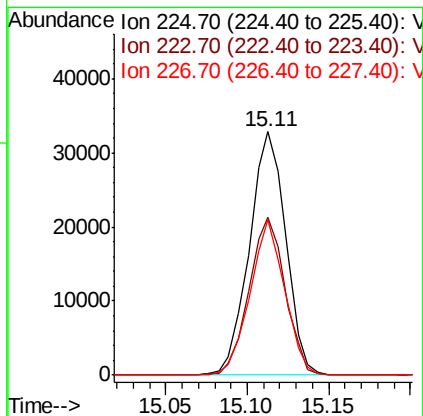
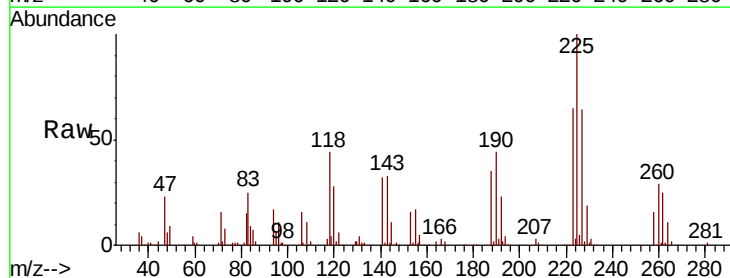
Instrument :
 MSVOA_Y
 ClientSampleId :

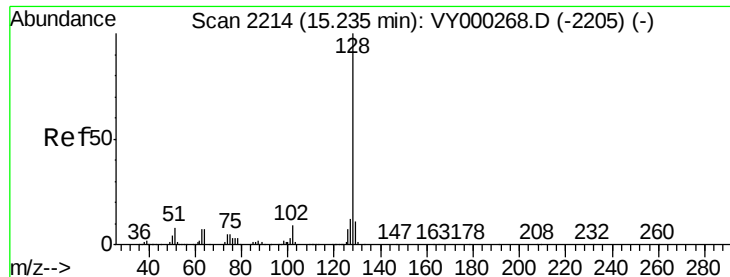
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.5	142.6
145	30.7	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 21.230 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY000345.D
 Acq: 18 Oct 2019 12:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.9	95.7
227	60.6	31.4	94.2

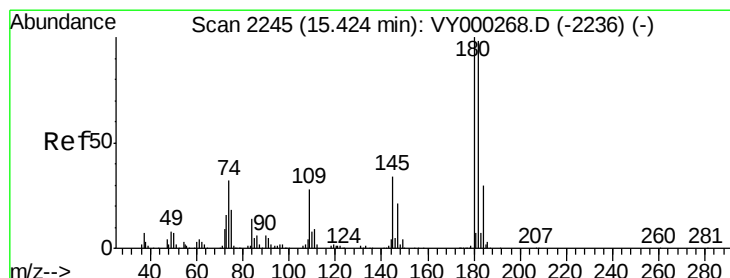
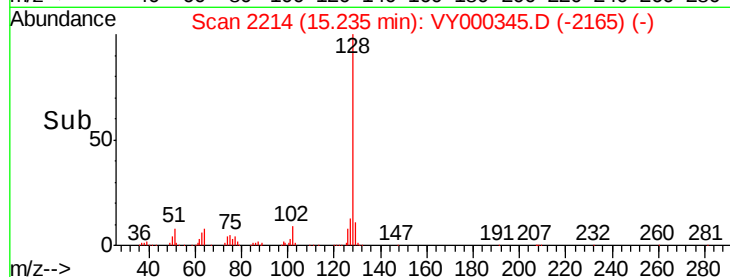
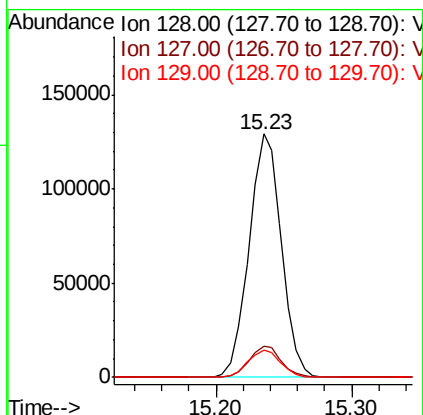
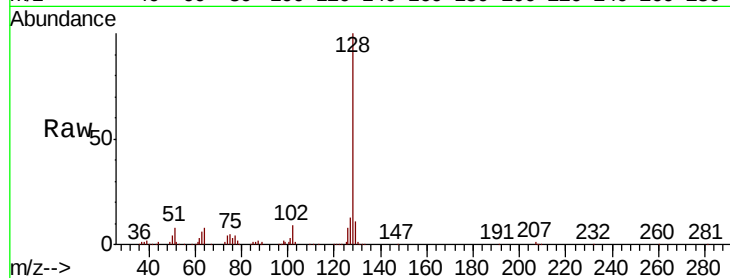




#95
Naphthalene
Concen: 21.655 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 214532
Ion Ratio Lower Upper
128 100
127 12.8 9.6 14.4
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.684 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000345.D
Acq: 18 Oct 2019 12:19

Tgt Ion:180 Resp: 86756
Ion Ratio Lower Upper
180 100
182 93.4 46.5 139.5
145 32.1 16.2 48.5

