

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
 Data File : VY000332.D
 Acq On : 16 Oct 2019 17:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 01:37:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	305923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	519726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	478506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	235643	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	178107	55.19	ug/l	0.00
Spiked Amount			Recovery	=	110.38%	
35) Dibromofluoromethane	7.73	113	161089	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
50) Toluene-d8	10.19	98	651122	53.99	ug/l	0.00
Spiked Amount			Recovery	=	107.98%	
62) 4-Bromofluorobenzene	12.48	95	239323	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	107848	44.119	ug/l	96
3) Chloromethane	2.12	50	153644	41.100	ug/l	98
4) Vinyl Chloride	2.25	62	170573	45.212	ug/l	100
5) Bromomethane	2.64	94	114966	41.117	ug/l	98
6) Chloroethane	2.79	64	115129	47.295	ug/l	99
7) Trichlorofluoromethane	3.13	101	240004	46.506	ug/l	98
8) Diethyl Ether	3.54	74	93208	51.125	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	149472	47.759	ug/l	98
10) Methyl Iodide	4.10	142	209508	47.068	ug/l	99
11) Tert butyl alcohol	4.97	59	86179	255.187	ug/l	100
12) 1,1-Dichloroethene	3.88	96	147050	47.593	ug/l	95
13) Acrolein	3.74	56	105994	267.710	ug/l	99
14) Allyl chloride	4.49	41	255834	49.965	ug/l	98
15) Acrylonitrile	5.18	53	254617	249.518	ug/l	97
16) Acetone	3.96	43	230548	220.611	ug/l	100
17) Carbon Disulfide	4.19	76	429391	44.139	ug/l	100
18) Methyl Acetate	4.49	43	123710	47.644	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	442172	51.408	ug/l	99
20) Methylene Chloride	4.72	84	173708	49.252	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	167475	47.244	ug/l	92
22) Diisopropyl ether	6.13	45	569898	52.625	ug/l	100
23) Vinyl Acetate	6.07	43	1849143	261.733	ug/l	98
24) 1,1-Dichloroethane	6.02	63	297076	50.257	ug/l	99
25) 2-Butanone	7.00	43	371001	252.016	ug/l	100
26) 2,2-Dichloropropane	6.99	77	269302	49.441	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	193551	50.459	ug/l	98
28) Bromochloromethane	7.35	49	130833	51.558	ug/l	100
29) Tetrahydrofuran	7.36	42	226507	253.883	ug/l	100
30) Chloroform	7.52	83	298419	50.130	ug/l	96
31) Cyclohexane	7.79	56	286348	46.381	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	267640	50.571	ug/l	99
36) 1,1-Dichloropropene	7.93	75	235574	46.296	ug/l	99
37) Ethyl Acetate	7.09	43	148809	49.390	ug/l	98
38) Carbon Tetrachloride	7.91	117	229644	46.611	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
 Data File : VY000332.D
 Acq On : 16 Oct 2019 17:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 01:37:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	307306	46.143	ug/l	97
40) Benzene	8.17	78	691956	47.056	ug/l	99
41) Methacrylonitrile	7.36	41	199092	138.820	ug/l #	25
42) 1,2-Dichloroethane	8.25	62	203485	48.443	ug/l	100
43) Isopropyl Acetate	8.28	43	281106	49.068	ug/l	99
44) Trichloroethene	8.95	130	188285	45.634	ug/l	95
45) 1,2-Dichloropropane	9.22	63	178678	49.513	ug/l	98
46) Dibromomethane	9.31	93	97631	48.397	ug/l	96
47) Bromodichloromethane	9.50	83	237862	50.032	ug/l	96
48) Methyl methacrylate	9.30	41	126246	50.283	ug/l	98
49) 1,4-Dioxane	9.30	88	30995	1024.727	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	760424	257.350	ug/l	99
52) Toluene	10.25	92	445414	47.709	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	258832	50.800	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	290712	50.242	ug/l	94
55) 1,1,2-Trichloroethane	10.65	97	143764	49.014	ug/l	97
56) Ethyl methacrylate	10.51	69	220781	52.809	ug/l	99
57) 1,3-Dichloropropane	10.79	76	255694	50.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	558783	335.090	ug/l	99
59) 2-Hexanone	10.83	43	566447	273.114	ug/l	100
60) Dibromochloromethane	10.99	129	165002	50.754	ug/l	97
61) 1,2-Dibromoethane	11.09	107	138734	49.262	ug/l	99
64) Tetrachloroethene	10.72	164	199334	43.757	ug/l	96
65) Chlorobenzene	11.52	112	474073	46.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	167670	47.265	ug/l	99
67) Ethyl Benzene	11.60	91	874327	46.704	ug/l	99
68) m/p-Xylenes	11.70	106	671261	93.797	ug/l	97
69) o-Xylene	12.03	106	315410	46.199	ug/l	96
70) Styrene	12.05	104	552925	48.022	ug/l	99
71) Bromoform	12.21	173	100545	49.304	ug/l #	98
73) Isopropylbenzene	12.33	105	869558	47.326	ug/l	99
74) N-amyl acetate	12.14	43	268699	59.569	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	173704	50.352	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	242923	83.836	ug/l #	100
77) Bromobenzene	12.61	156	191792	46.909	ug/l	98
78) n-propylbenzene	12.67	91	1059095	48.008	ug/l	99
79) 2-Chlorotoluene	12.75	91	590797	48.492	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	730796	47.433	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	64982	49.067	ug/l	97
82) 4-Chlorotoluene	12.85	91	616283	47.854	ug/l	100
83) tert-Butylbenzene	13.08	119	625400	47.933	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	741709	48.777	ug/l	100
85) sec-Butylbenzene	13.25	105	909108	48.166	ug/l	99
86) p-Isopropyltoluene	13.37	119	806071	48.986	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	381096	47.308	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	382776	47.539	ug/l	98
89) n-Butylbenzene	13.70	91	792773	48.753	ug/l	99
90) Hexachloroethane	13.96	117	147822	48.514	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	354489	48.625	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31873	48.714	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
Data File : VY000332.D
Acq On : 16 Oct 2019 17:17
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 17 01:37:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration

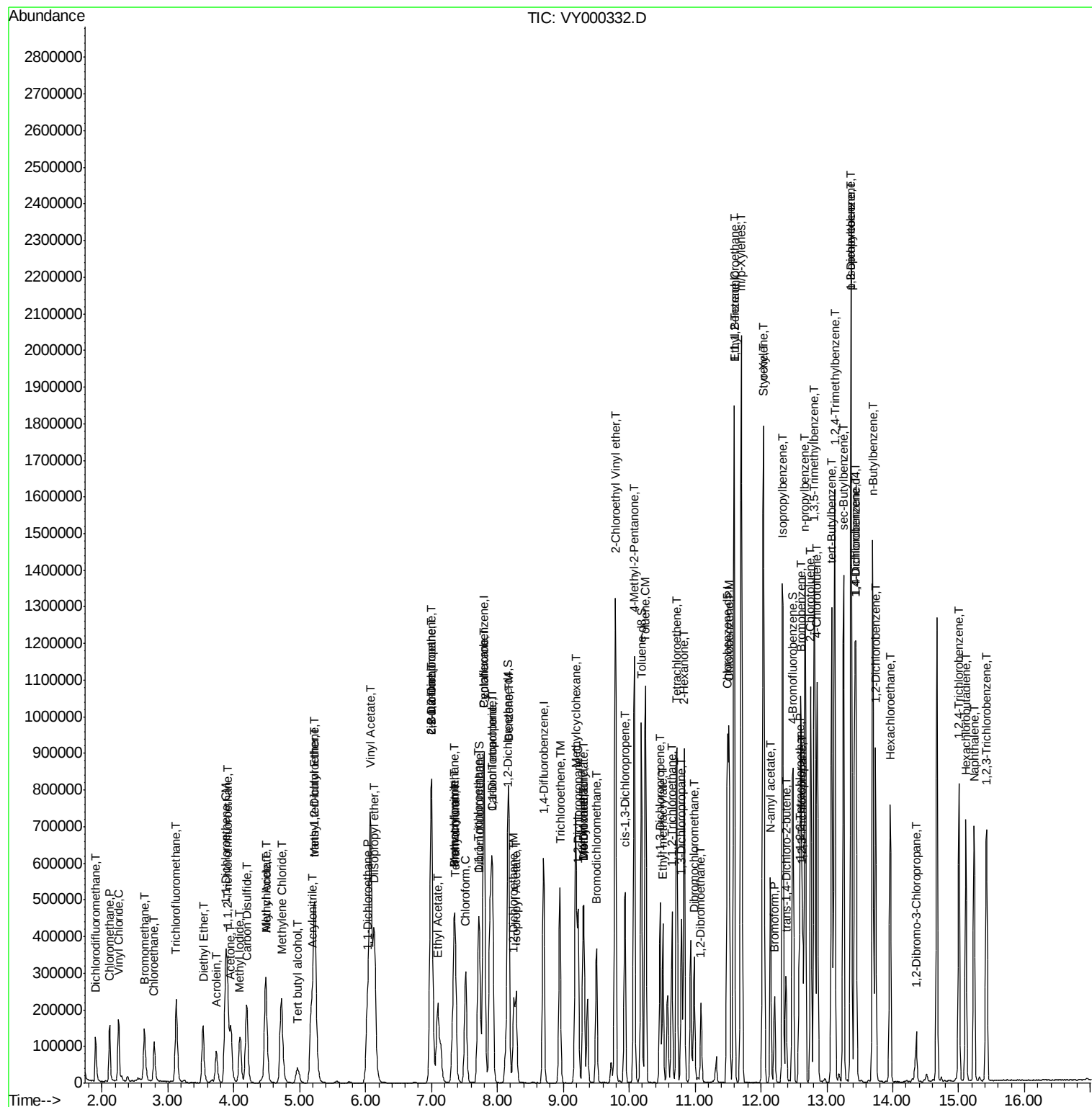
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	240924	47.466	ug/l	99
94) Hexachlorobutadiene	15.11	225	124638	45.375	ug/l	98
95) Naphthalene	15.23	128	555527	49.044	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	221321	48.381	ug/l	98

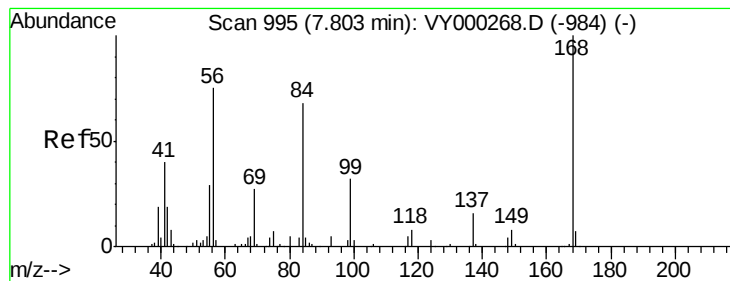
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
Data File : VY000332.D
Acq On : 16 Oct 2019 17:17
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 17 01:37:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

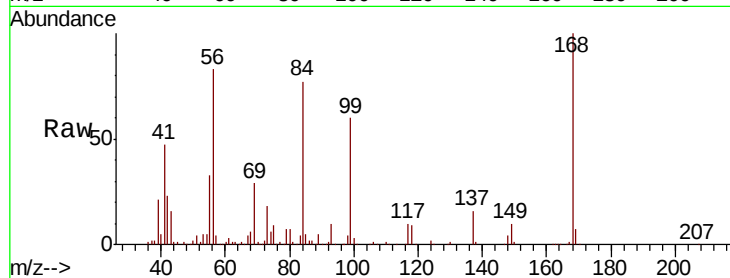
ClientSampled :

Tot Ion:168 Resp: 305923

Ion Ratio Lower Upper

168 100

99 60.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000332.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000332.D (-946) (-)

7.80

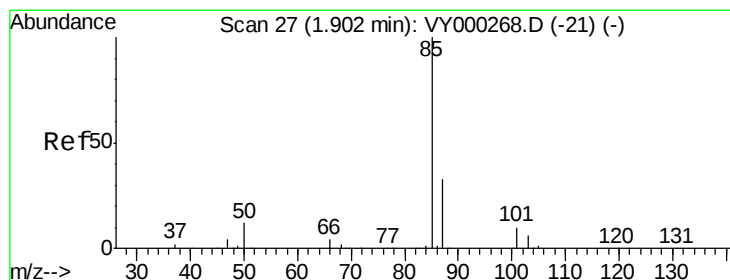
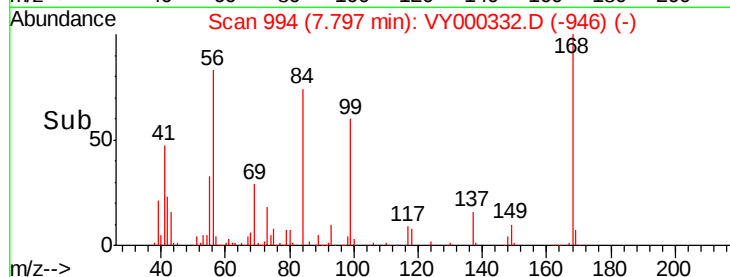
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.119 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000332.D

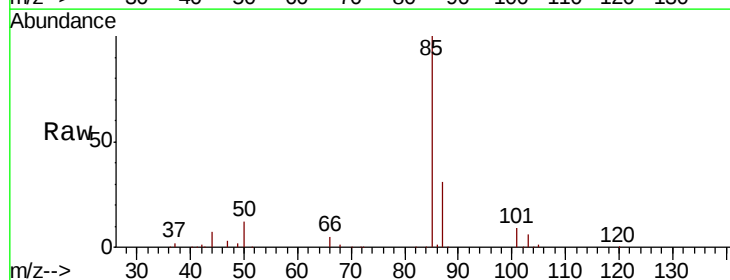
Acq: 16 Oct 2019 17:17

Tgt Ion: 85 Resp: 107848

Ion Ratio Lower Upper

85 100

87 30.7 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000332.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000332.D (-1) (-)

1.90

80000

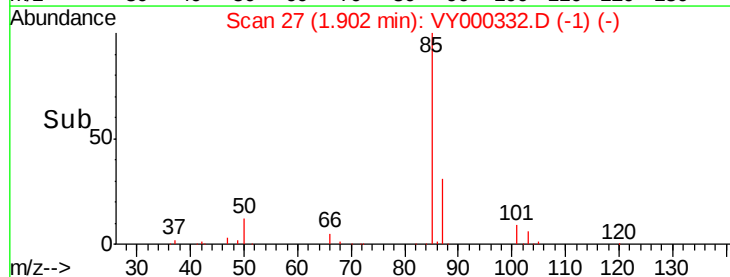
60000

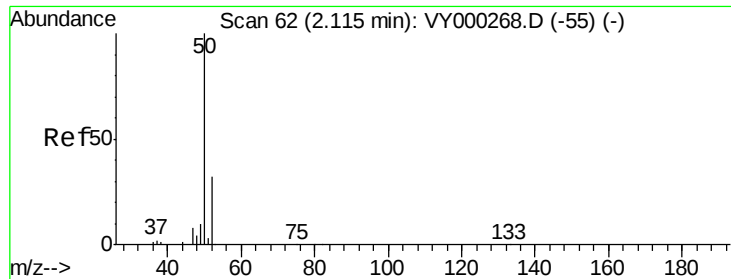
40000

20000

0

Time-->





#3

Chloromethane

Concen: 41.100 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

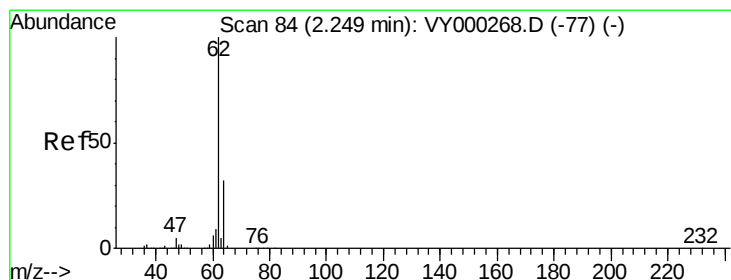
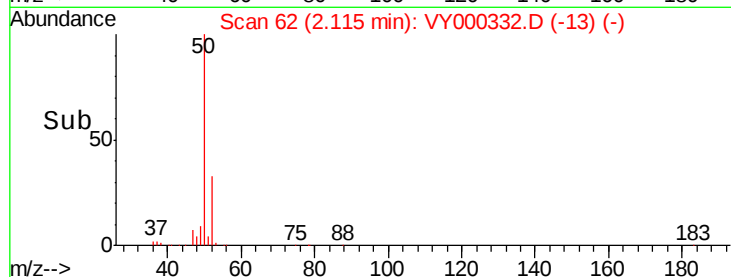
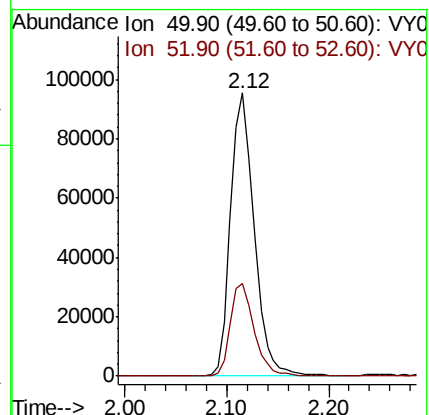
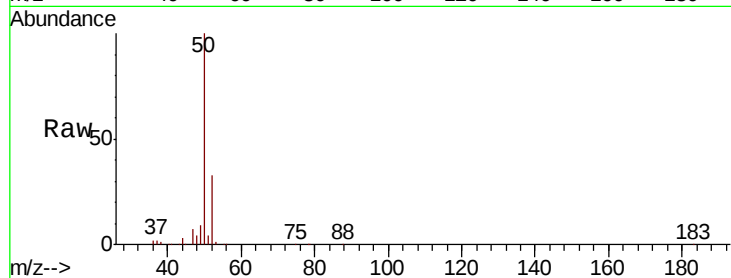
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 153644

Ion Ratio Lower Upper

50 100

52 32.8 25.3 37.9



#4

Vinyl Chloride

Concen: 45.212 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000332.D

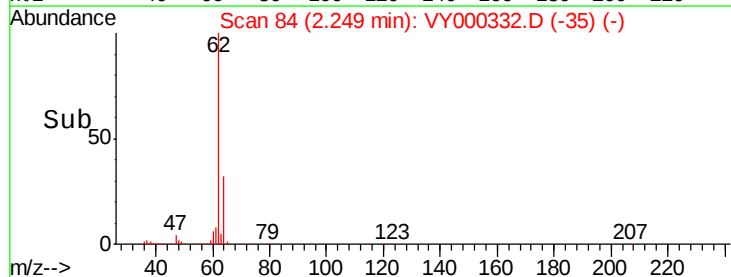
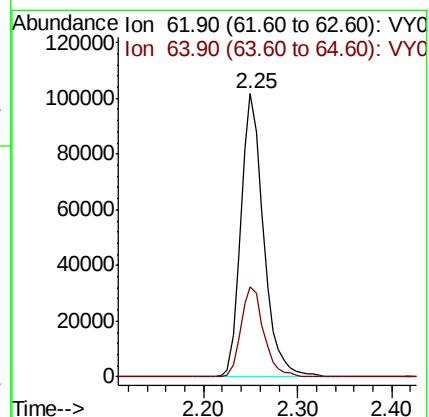
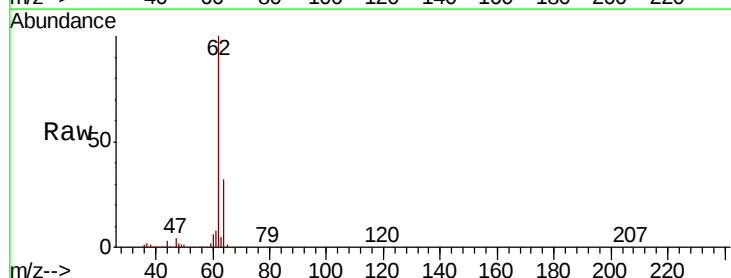
Acq: 16 Oct 2019 17:17

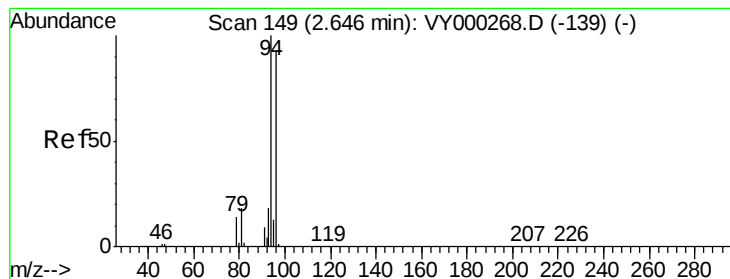
Tgt Ion: 62 Resp: 170573

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 41.117 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

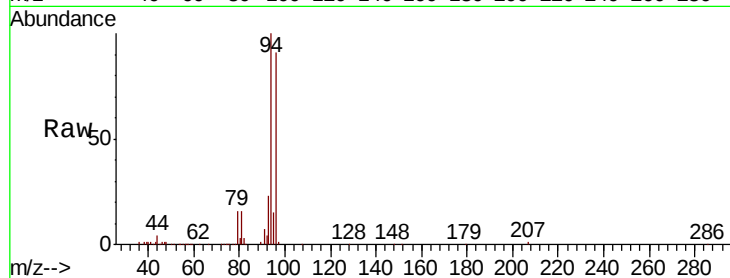
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 114966

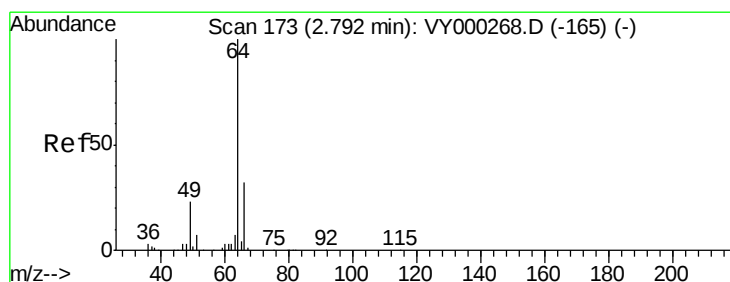
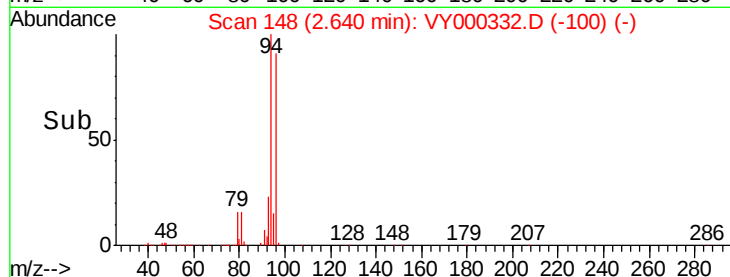
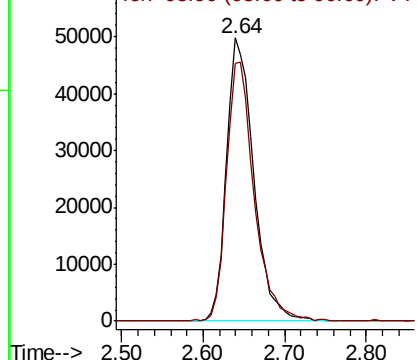
Ion Ratio Lower Upper

94 100

96 91.0 74.2 111.2



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



#6

Chloroethane

Concen: 47.295 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000332.D

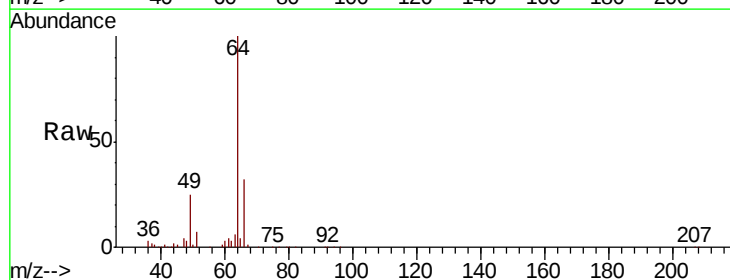
Acq: 16 Oct 2019 17:17

Tgt Ion: 64 Resp: 115129

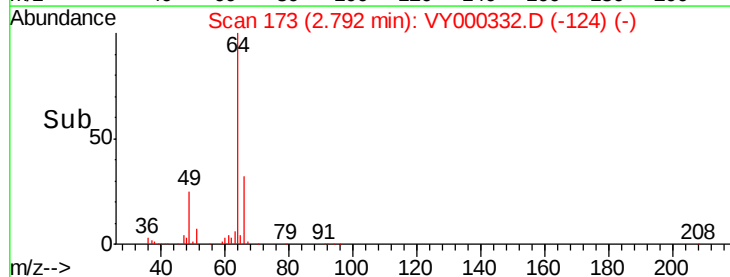
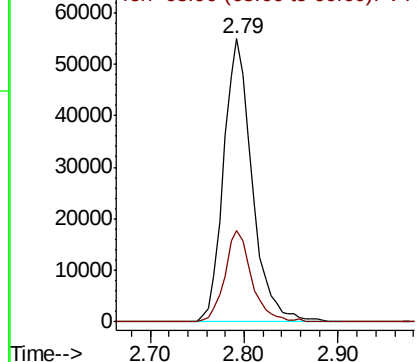
Ion Ratio Lower Upper

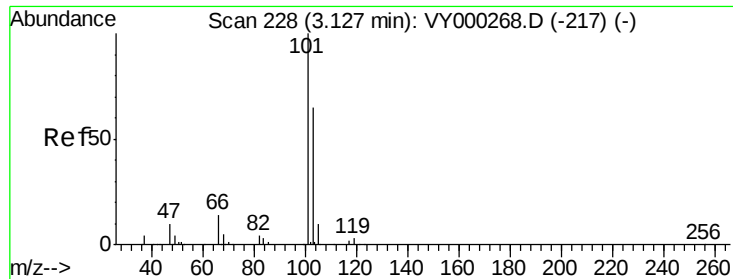
64 100

66 32.3 25.6 38.4



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



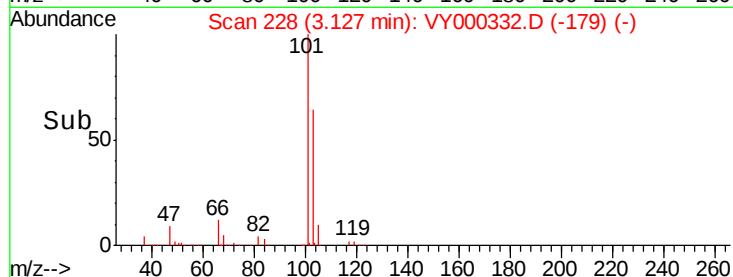
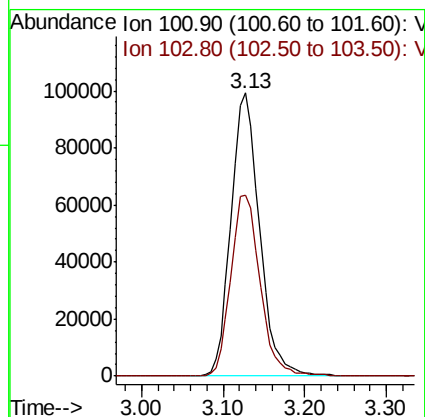
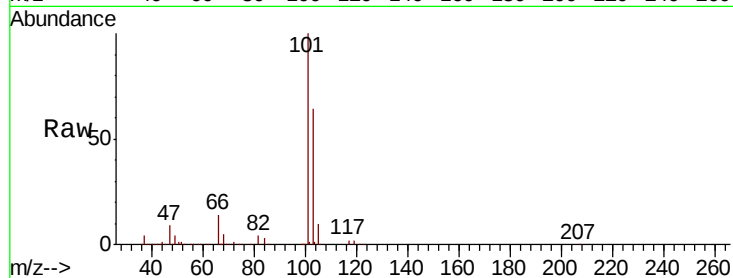


#7

Trichlorofluoromethane
Concen: 46.506 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampled :

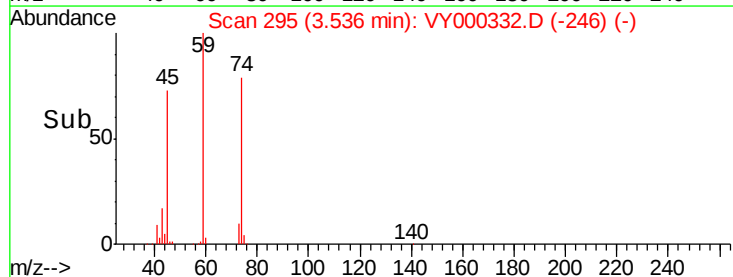
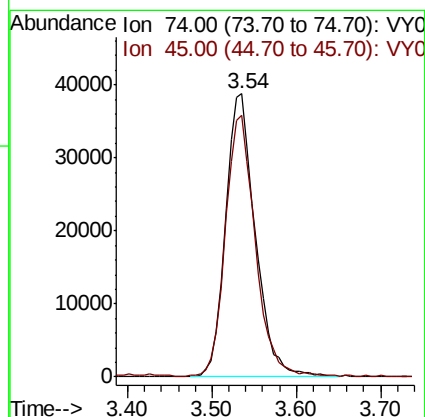
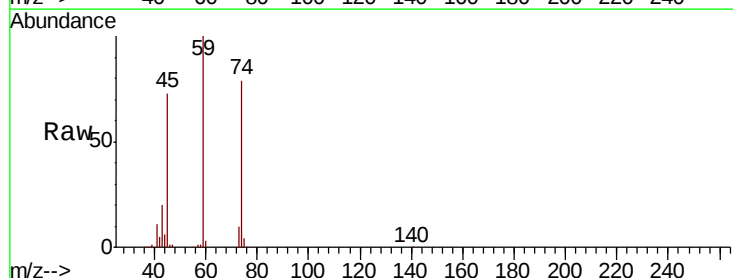
Tot Ion:101 Resp: 240004
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.4

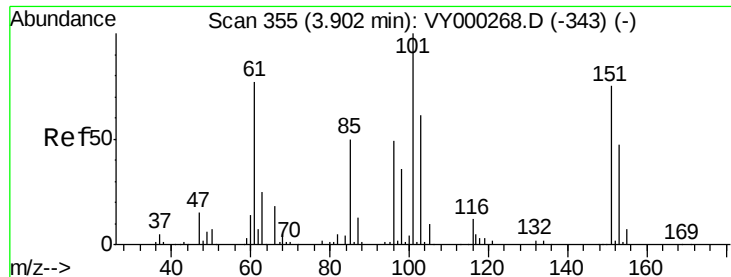


#8

Diethyl Ether
Concen: 51.125 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion: 74 Resp: 93208
Ion Ratio Lower Upper
74 100
45 93.6 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.759 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

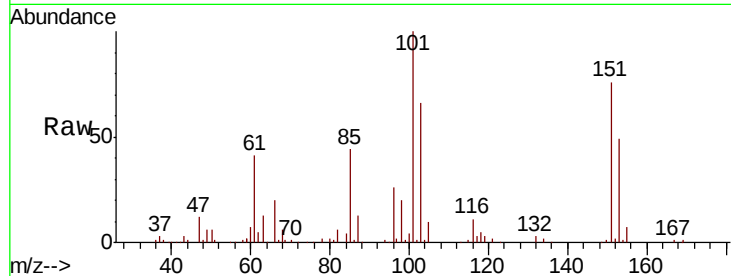
Tot Ion:101 Resp: 149472

Ion Ratio Lower Upper

101 100

85 45.4 36.6 55.0

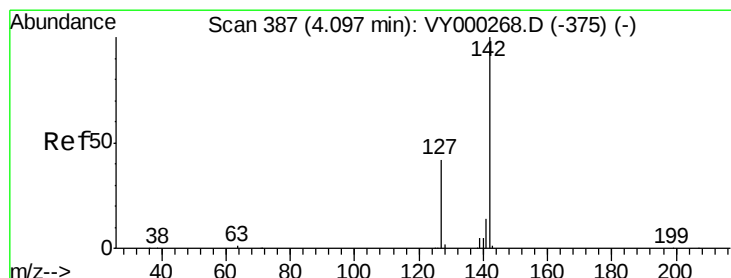
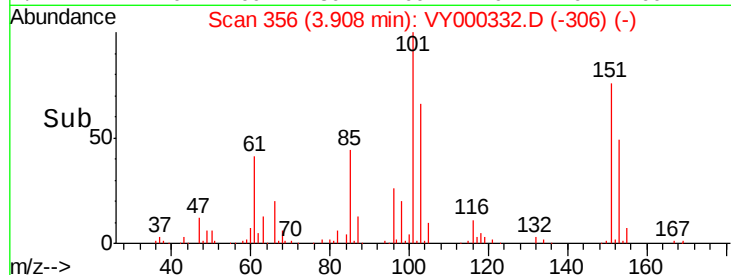
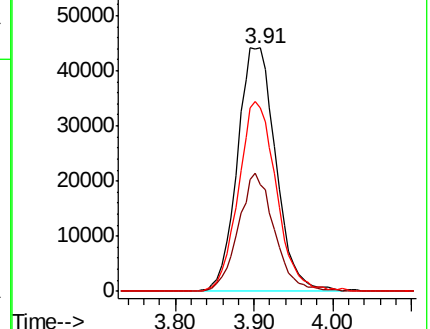
151 77.1 63.1 94.7



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: 47.068 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

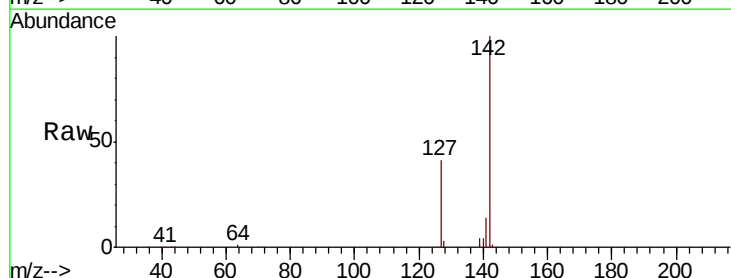
Tgt Ion:142 Resp: 209508

Ion Ratio Lower Upper

142 100

127 43.0 33.9 50.9

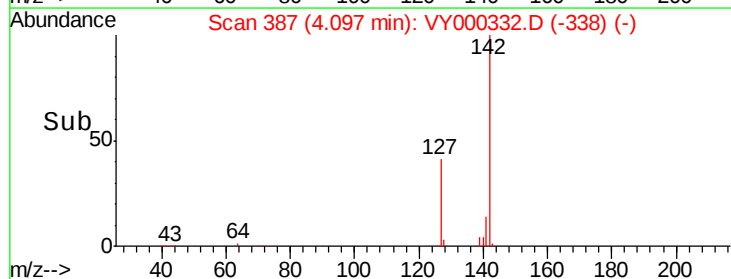
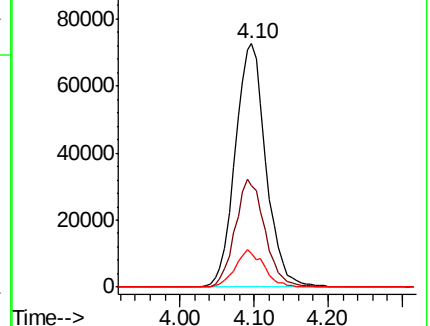
141 14.3 11.2 16.8

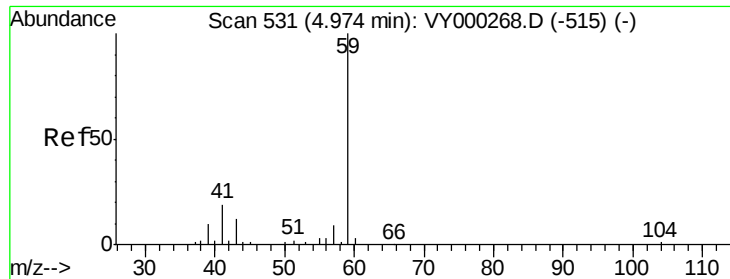


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

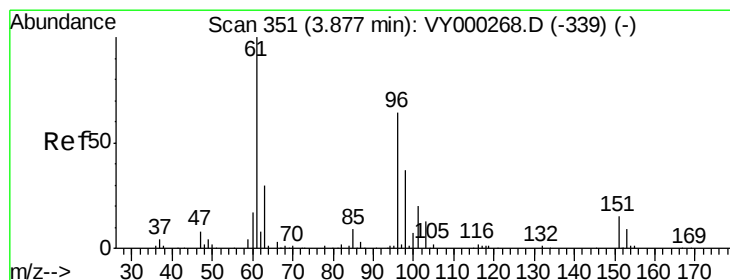
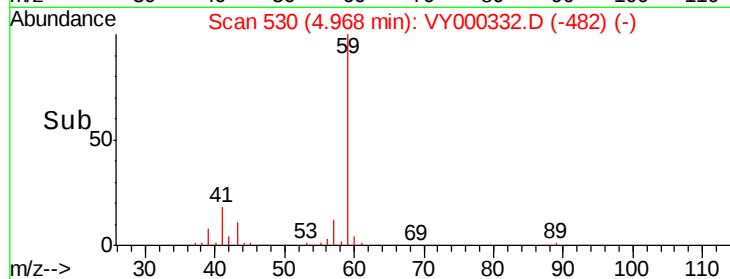
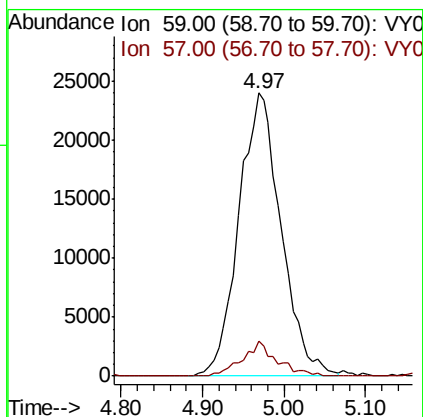
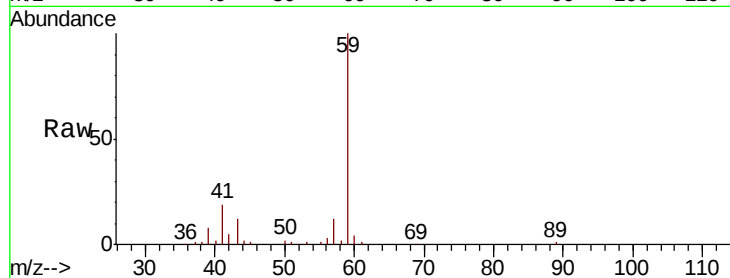




#11
Tert butyl alcohol
Concen: 255.187 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

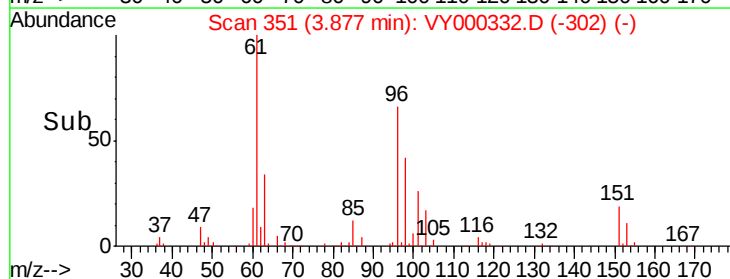
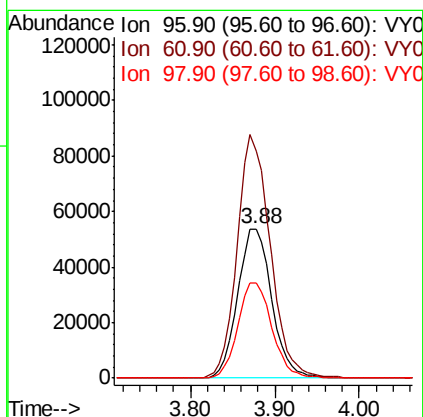
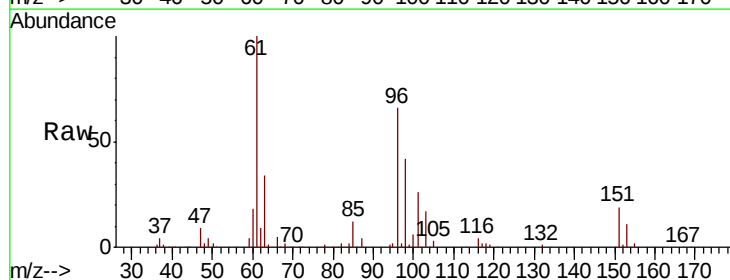
Instrument :
MSVOA_Y
ClientSampleId :

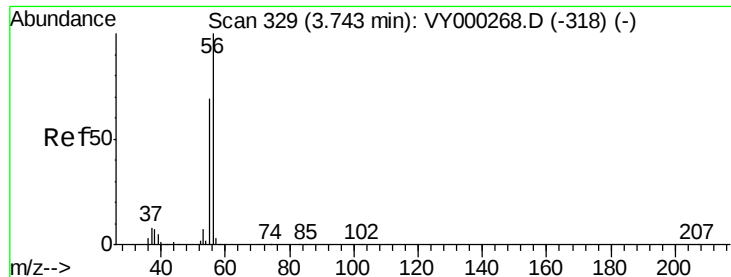
Tot Ion: 59 Resp: 86179
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.593 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion: 96 Resp: 147050
Ion Ratio Lower Upper
96 100
61 151.9 125.8 188.6
98 63.7 46.2 69.2





#13

Acrolein

Concen: 267.710 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

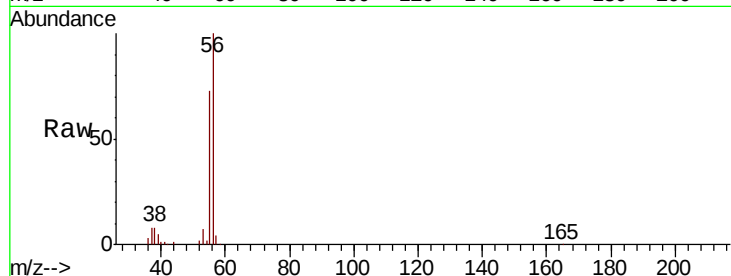
ClientSampleId :

Tot Ion: 56 Resp: 105994

Ion Ratio Lower Upper

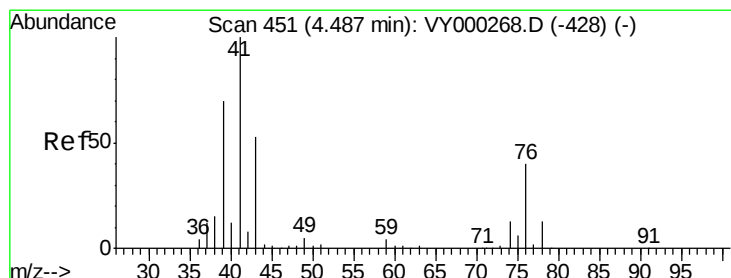
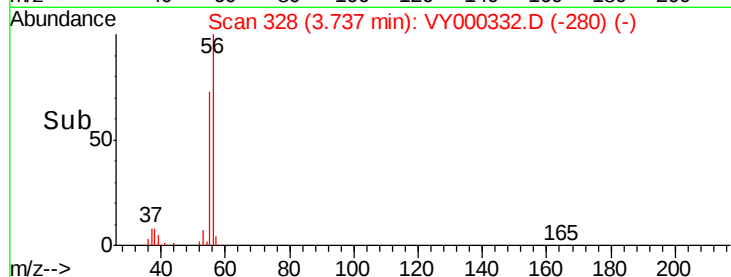
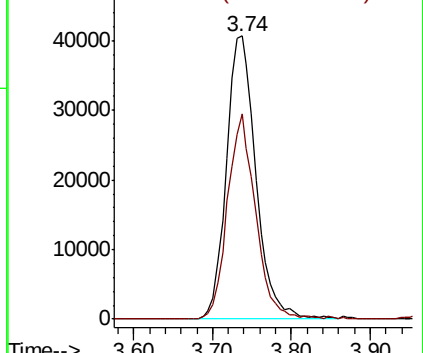
56 100

55 68.7 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: 49.965 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

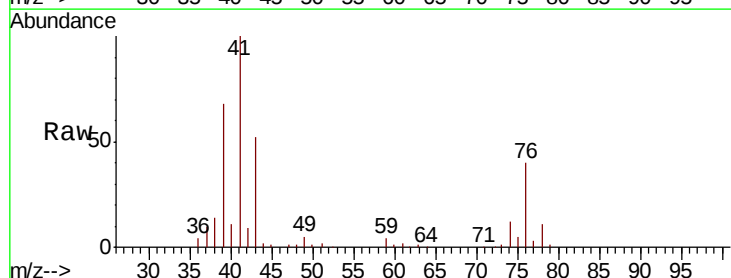
Tgt Ion: 41 Resp: 255834

Ion Ratio Lower Upper

41 100

39 65.8 54.0 81.0

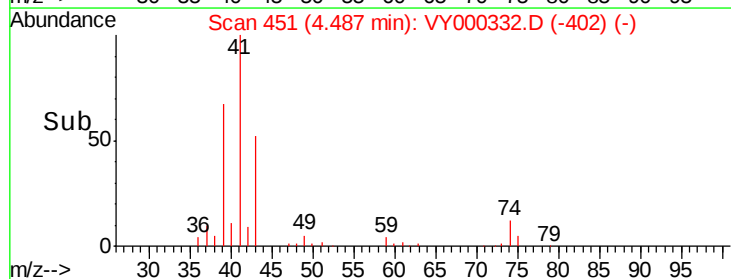
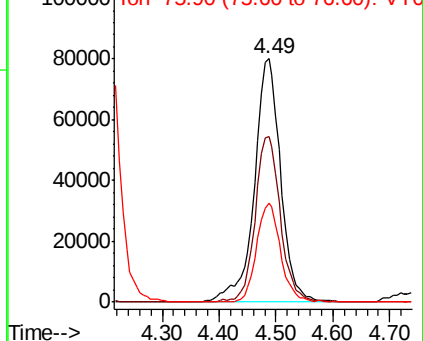
76 37.3 30.7 46.1

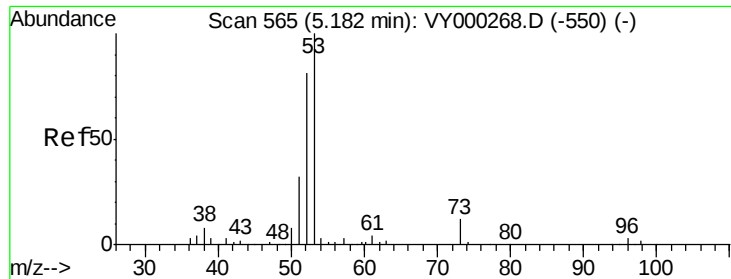


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 249.518 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampled :

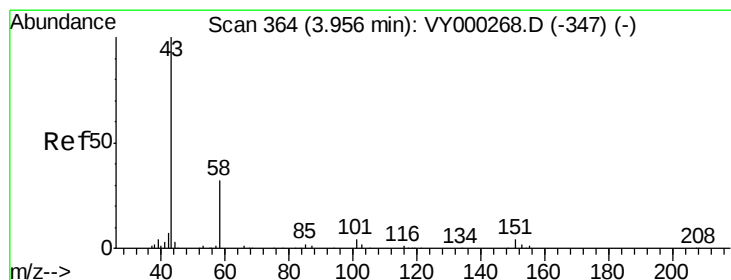
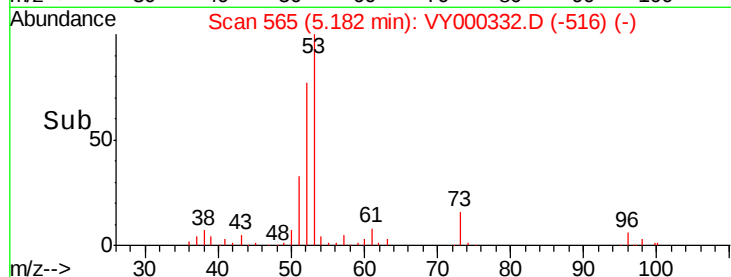
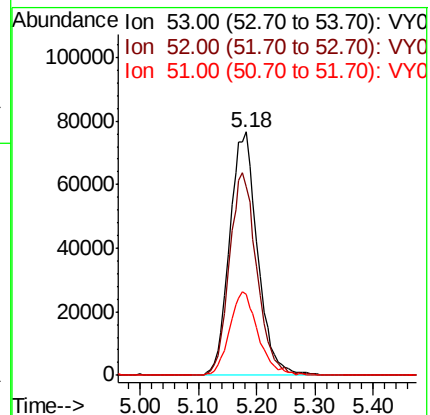
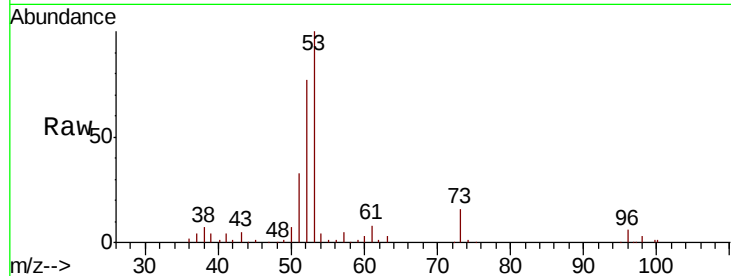
Tot Ion: 53 Resp: 254617

Ion Ratio Lower Upper

53 100

52 81.7 62.9 94.3

51 35.1 26.9 40.3



#16

Acetone

Concen: 220.611 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY000332.D

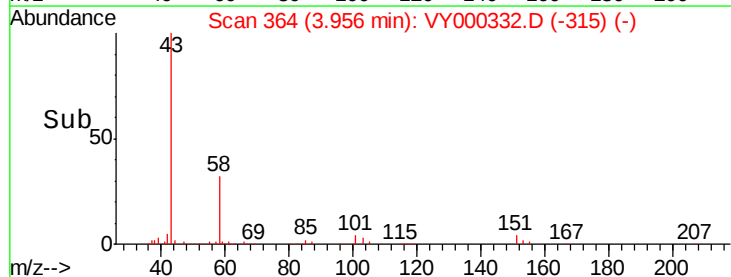
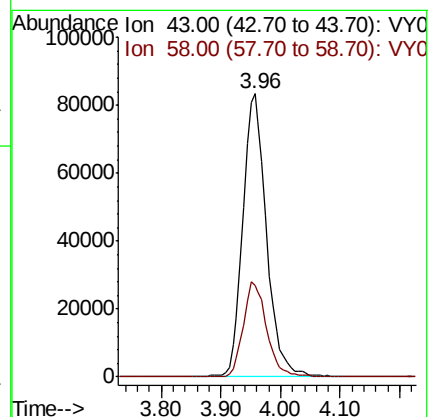
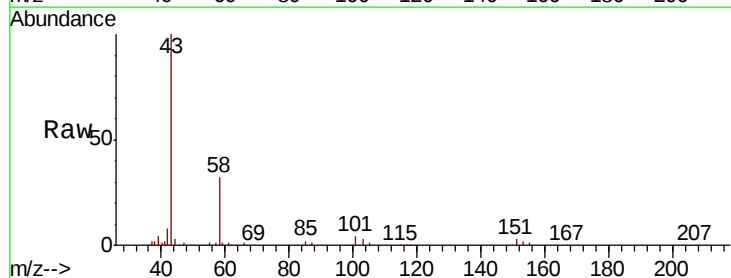
Acq: 16 Oct 2019 17:17

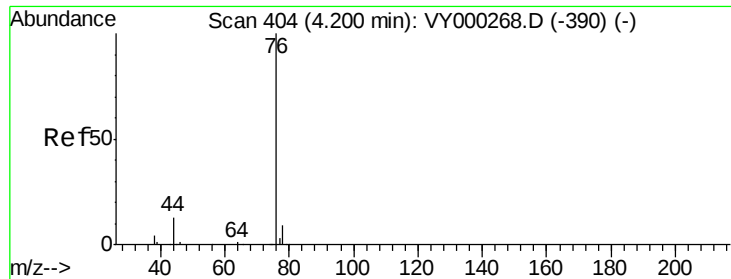
Tgt Ion: 43 Resp: 230548

Ion Ratio Lower Upper

43 100

58 32.2 25.8 38.6

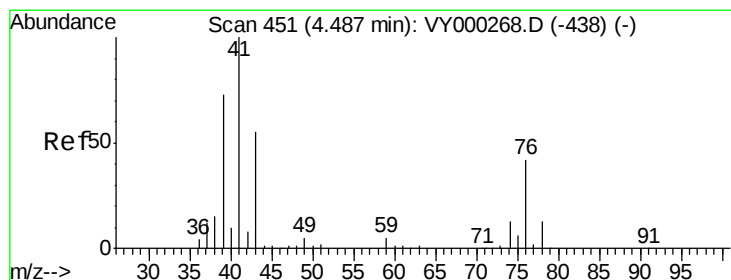
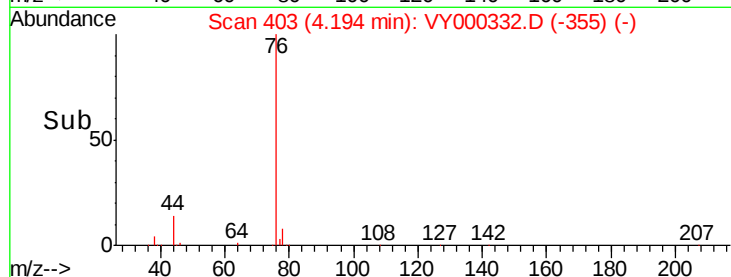
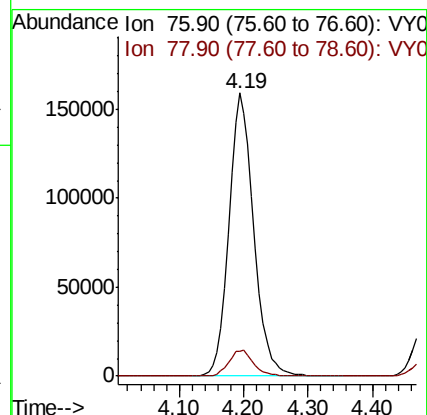
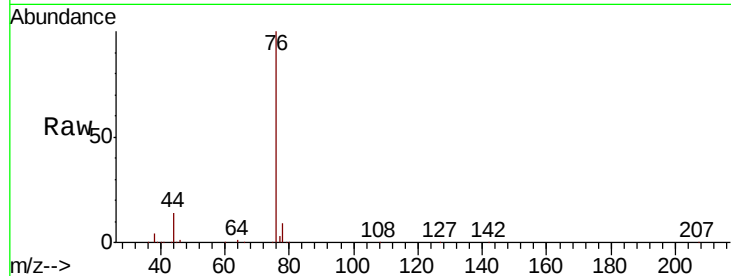




#17
Carbon Disulfide
Concen: 44.139 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

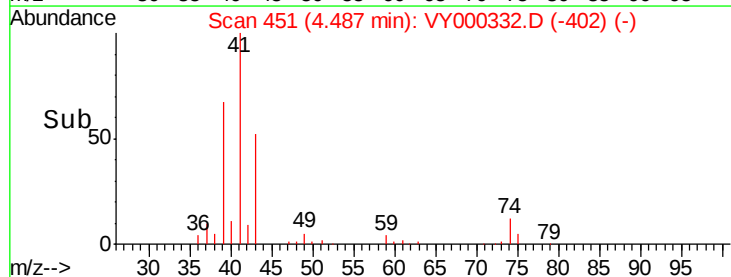
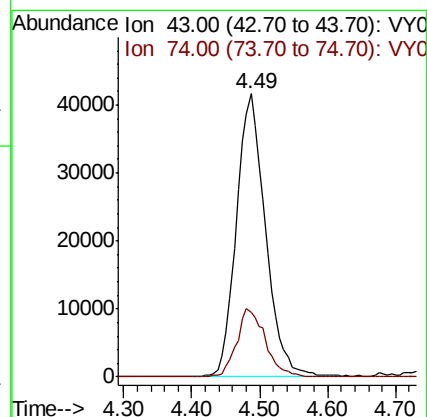
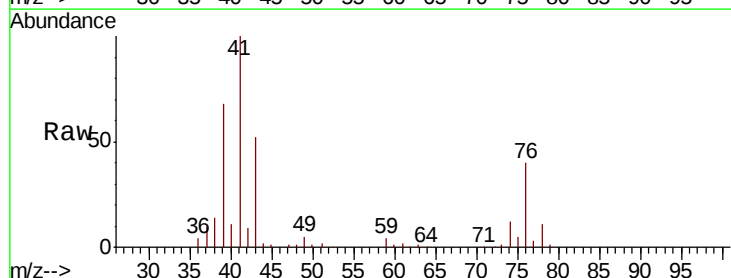
Instrument :
MSVOA_Y
ClientSampleId :

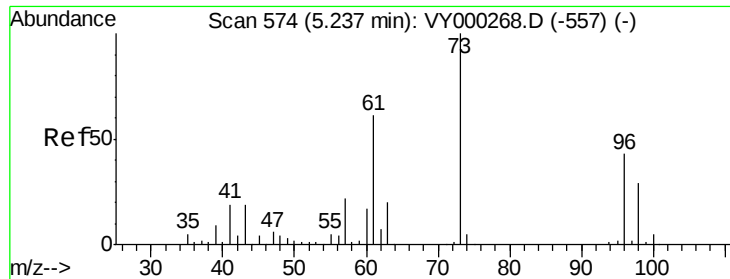
Tot Ion: 76 Resp: 429391
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#18
Methyl Acetate
Concen: 47.644 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion: 43 Resp: 123710
Ion Ratio Lower Upper
43 100
74 23.6 20.4 30.6

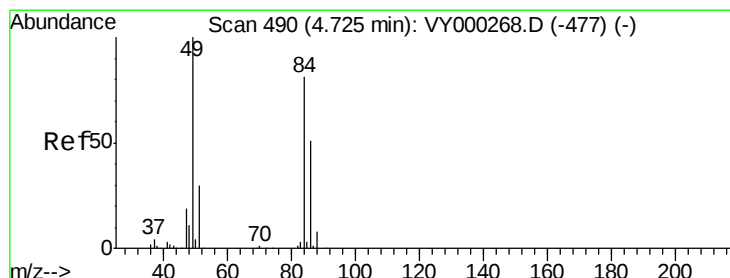
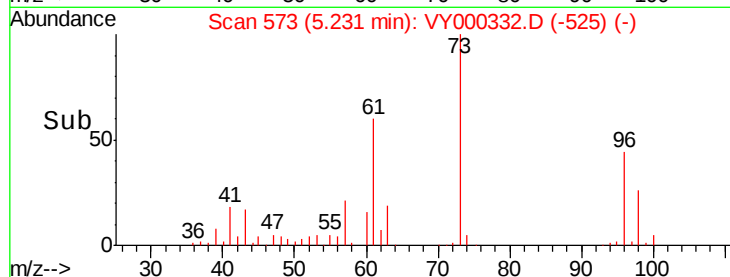
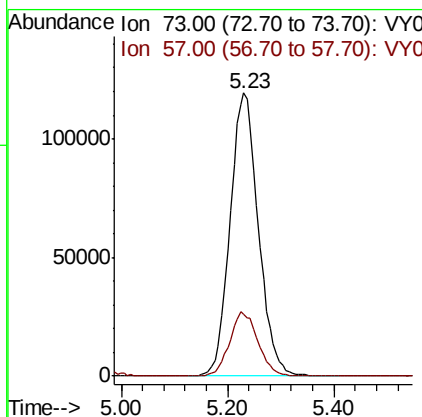
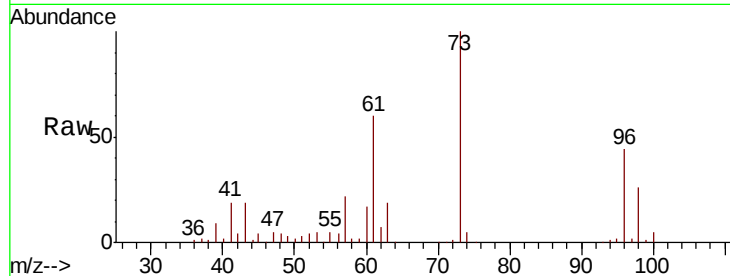




#19
Methyl tert-butyl Ether
Concen: 51.408 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

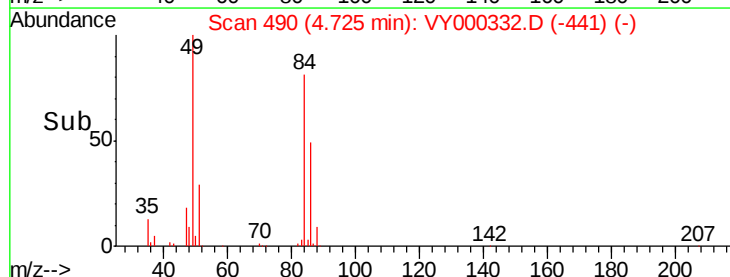
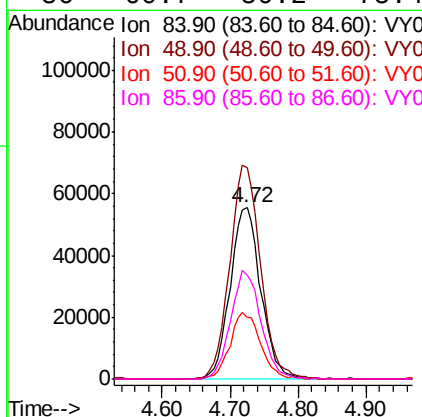
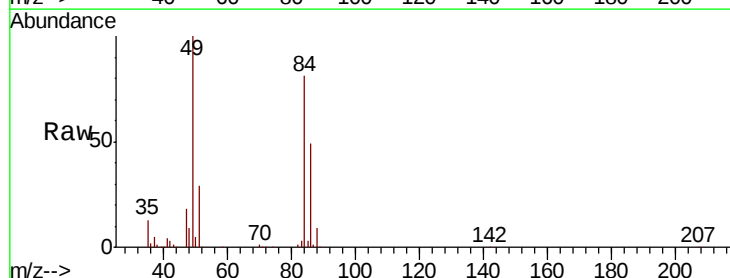
Instrument :
MSVOA_Y
ClientSampled :

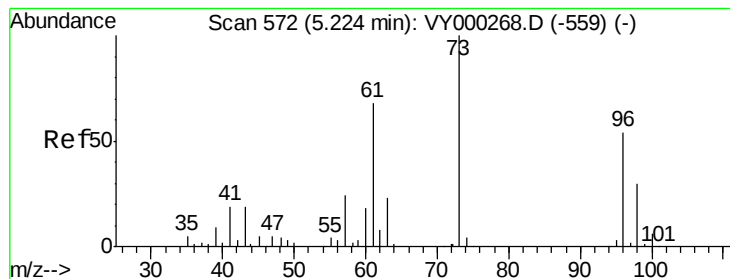
Tot Ion: 73 Resp: 442172
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.0



#20
Methylene Chloride
Concen: 49.252 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion: 84 Resp: 173708
Ion Ratio Lower Upper
84 100
49 122.9 99.0 148.4
51 36.1 29.3 43.9
86 60.7 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 47.244 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampled :

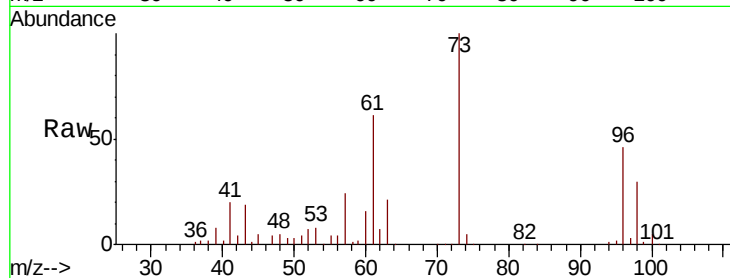
Tot Ion: 96 Resp: 167475

Ion Ratio Lower Upper

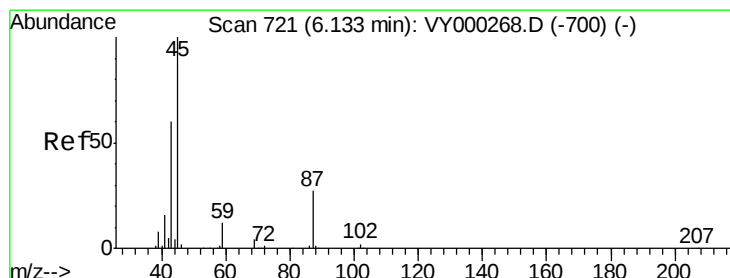
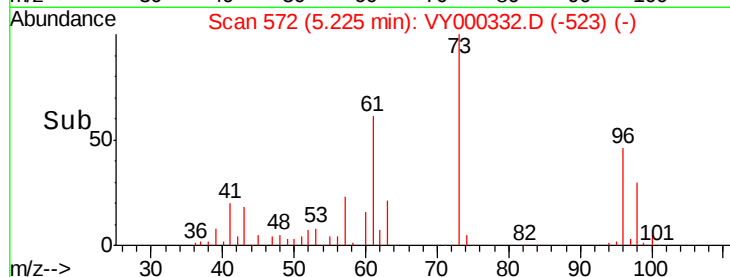
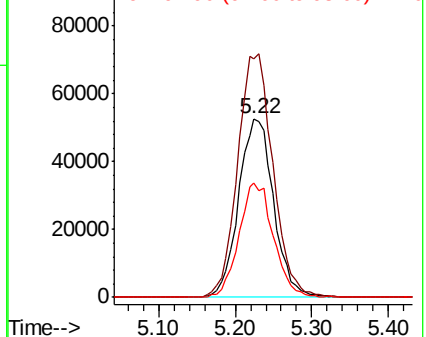
96 100

61 133.5 100.4 150.6

98 64.2 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: 52.625 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Tgt Ion: 45 Resp: 569898

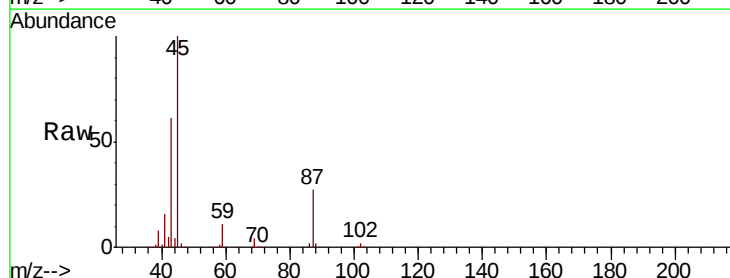
Ion Ratio Lower Upper

45 100

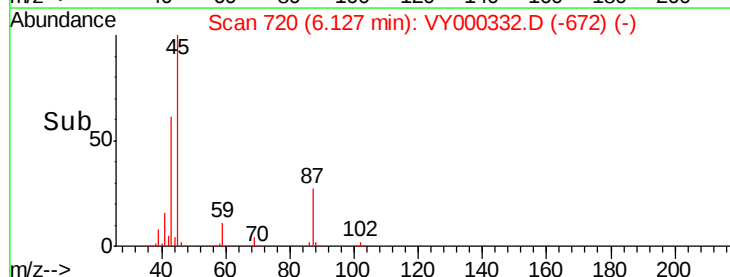
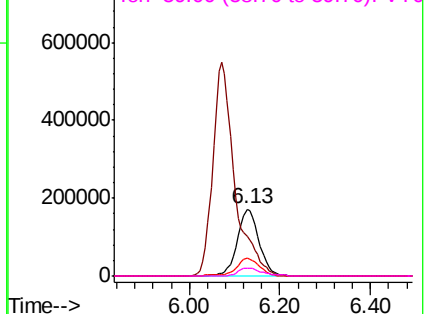
43 60.5 48.5 72.7

87 26.7 21.5 32.3

59 11.2 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: 261.733 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

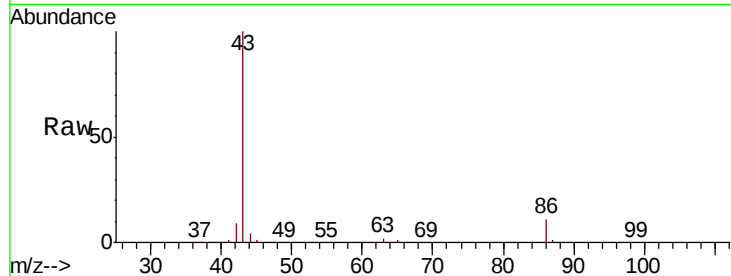
ClientSampleId :

Tot Ion: 43 Resp: 1849143

Ion Ratio Lower Upper

43 100

86 11.5 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

600000

500000

400000

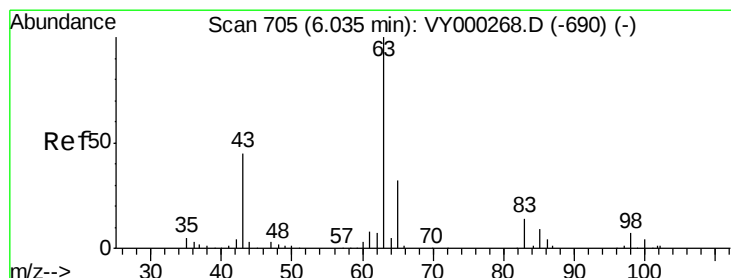
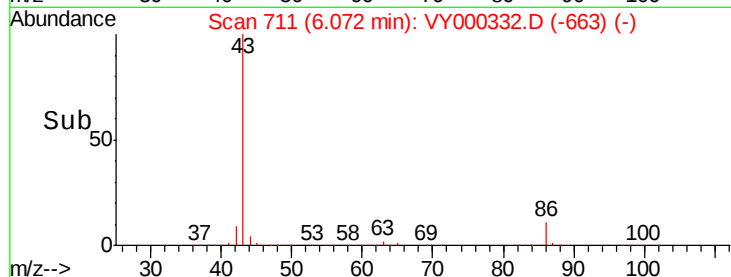
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.257 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

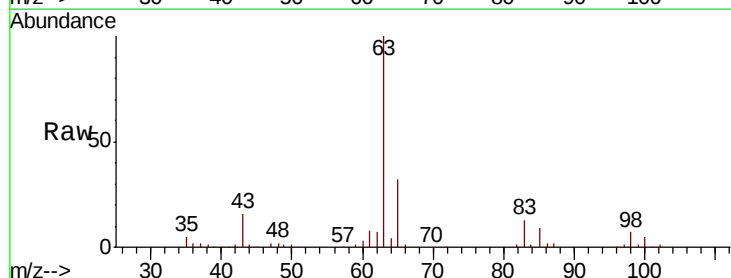
Tgt Ion: 63 Resp: 297076

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.9 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

6.02

120000

100000

80000

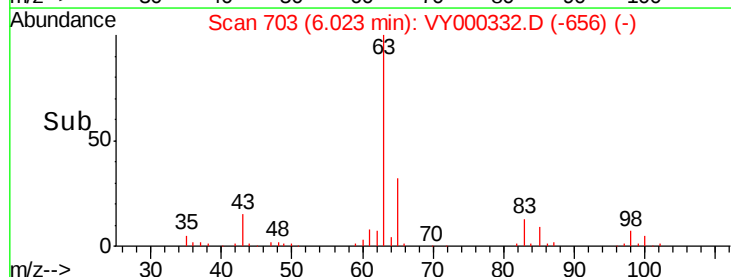
60000

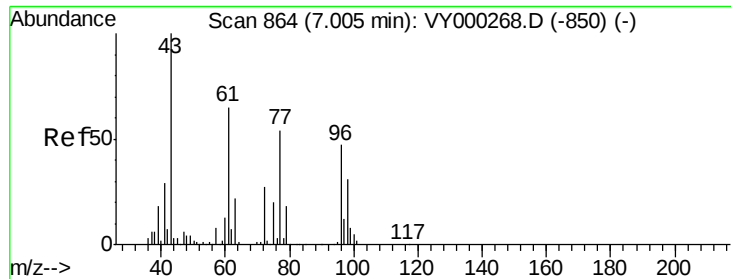
40000

20000

0

Time-->

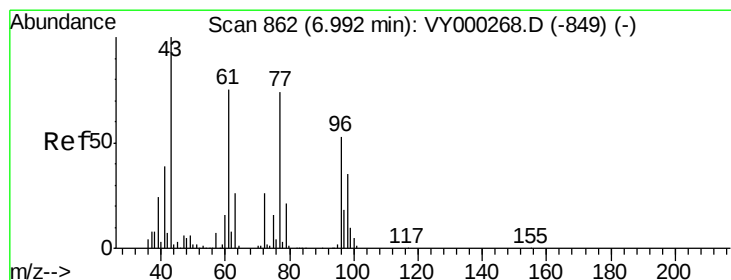
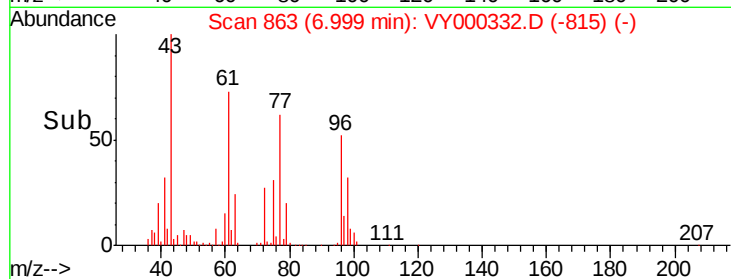
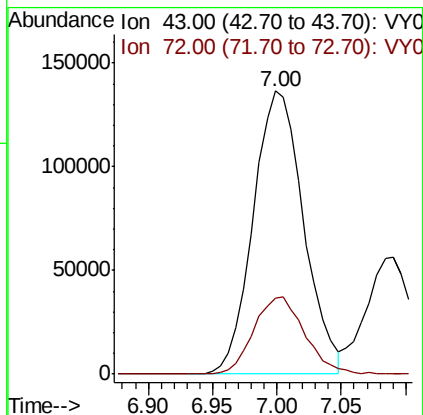
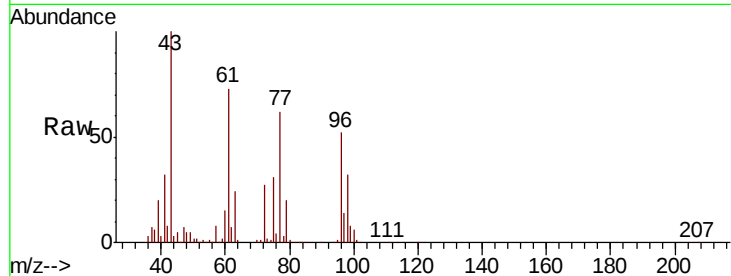




#25
 2-Butanone
 Concen: 252.016 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

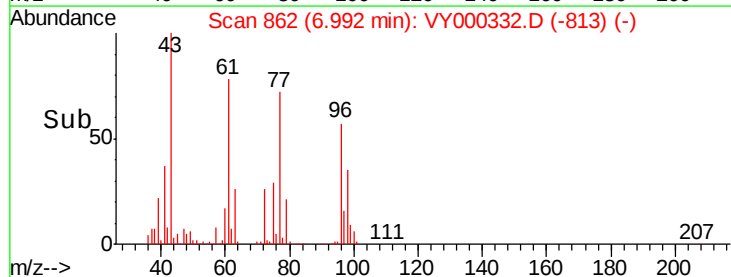
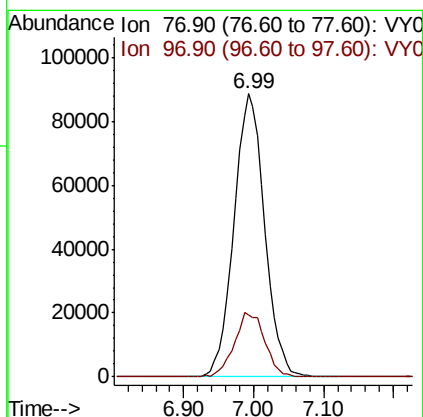
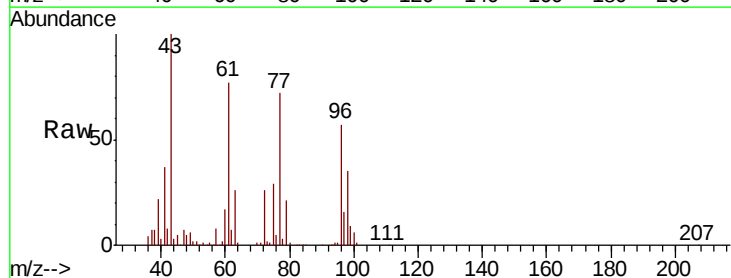
Instrument :
 MSVOA_Y
 ClientSampled :

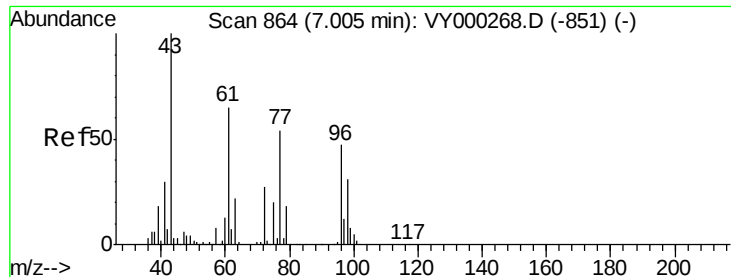
Tot Ion: 43 Resp: 371001
 Ion Ratio Lower Upper
 43 100
 72 26.7 21.4 32.2



#26
 2,2-Dichloropropane
 Concen: 49.441 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion: 77 Resp: 269302
 Ion Ratio Lower Upper
 77 100
 97 22.5 11.6 34.7



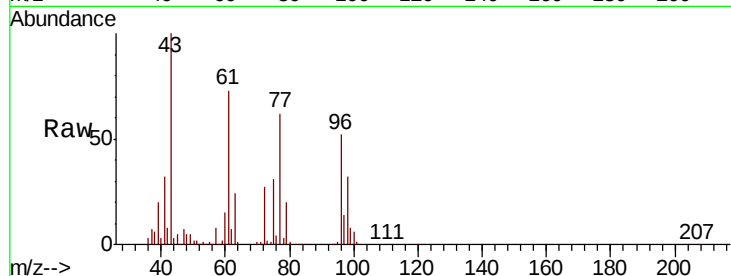


#27

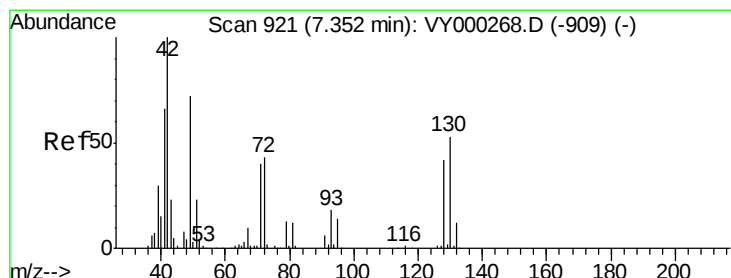
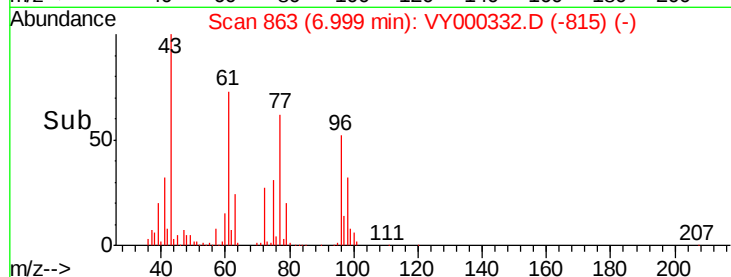
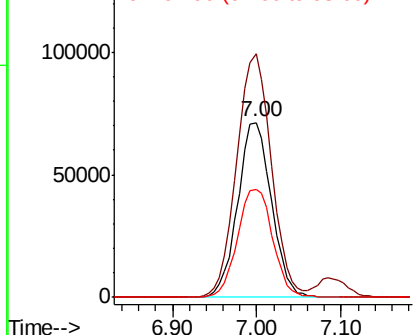
cis-1,2-Dichloroethene
Concen: 50.459 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	289.8
98	64.1	0.0	131.8



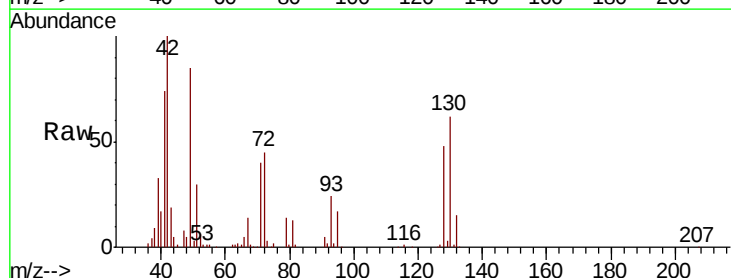
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



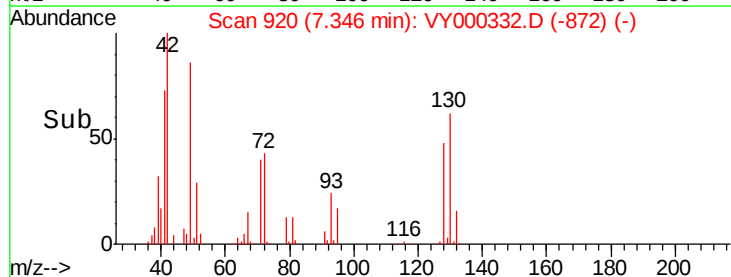
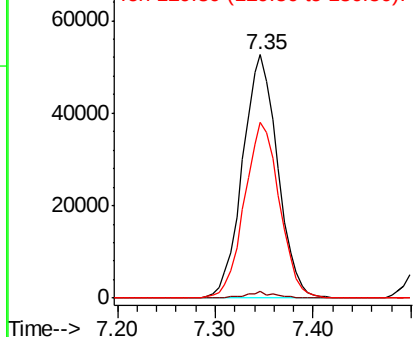
#28

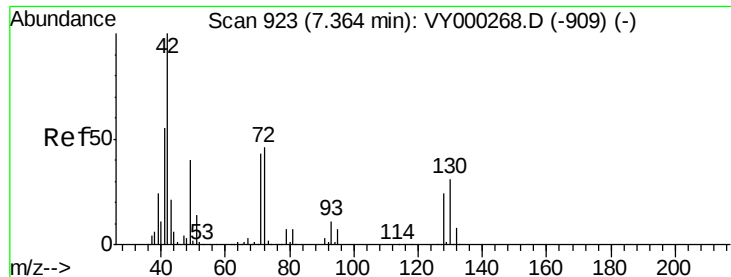
Bromochloromethane
Concen: 51.558 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	72.4	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

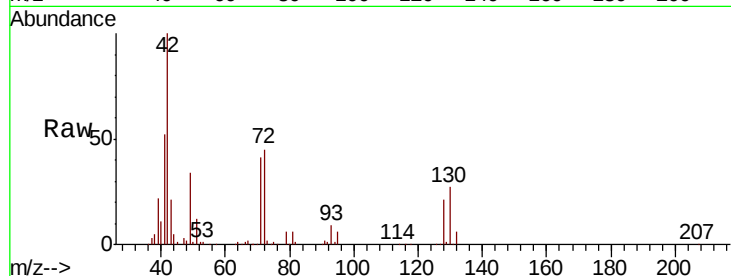




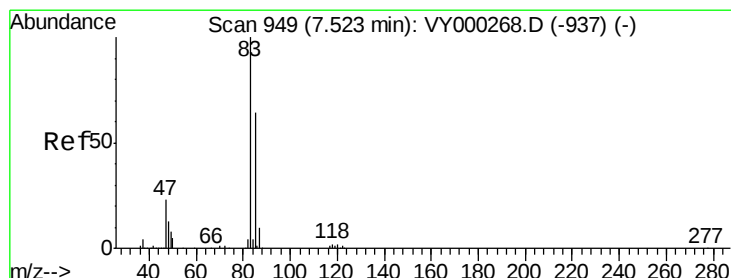
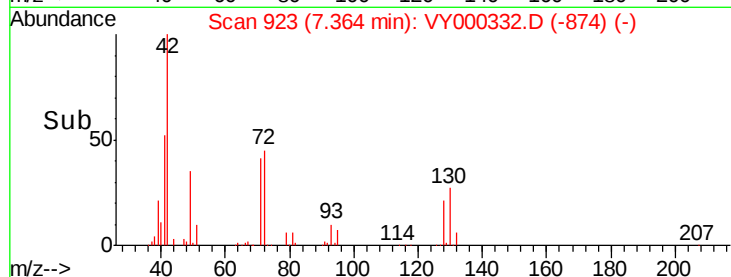
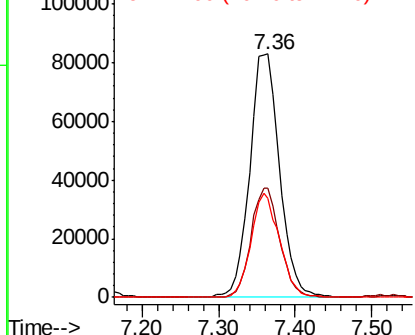
#29
Tetrahydrofuran
Concen: 253.883 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 226507
Ion Ratio Lower Upper
42 100
72 43.1 34.5 51.7
71 40.6 32.7 49.1

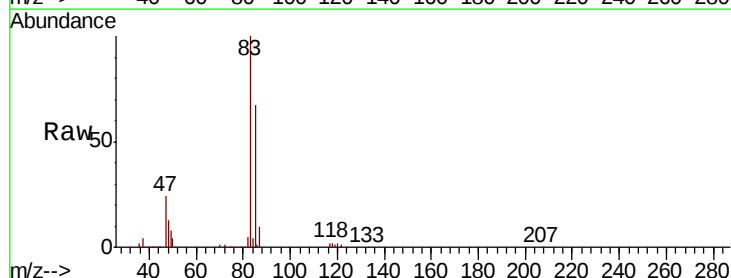


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

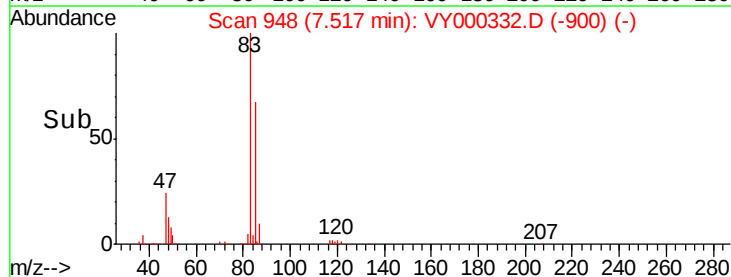
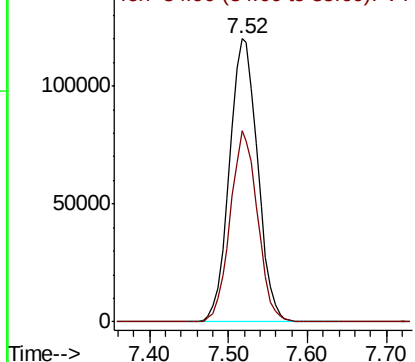


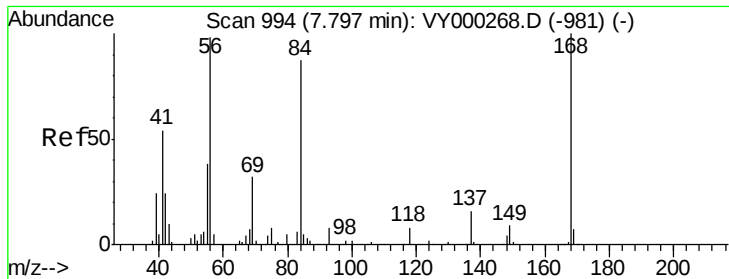
#30
Chloroform
Concen: 50.130 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion: 83 Resp: 298419
Ion Ratio Lower Upper
83 100
85 67.4 51.4 77.2



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





#31

Cvclohexane

Concen: 46.381 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :

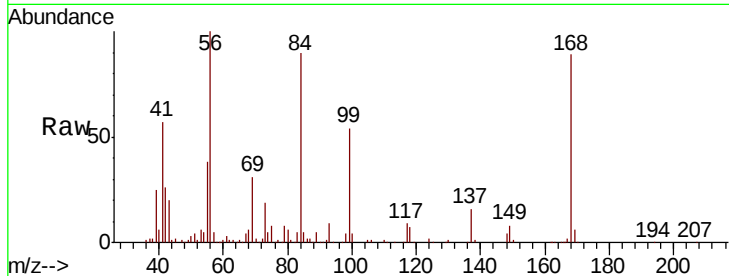
Tot Ion: 56 Resp: 286348

Ion Ratio Lower Upper

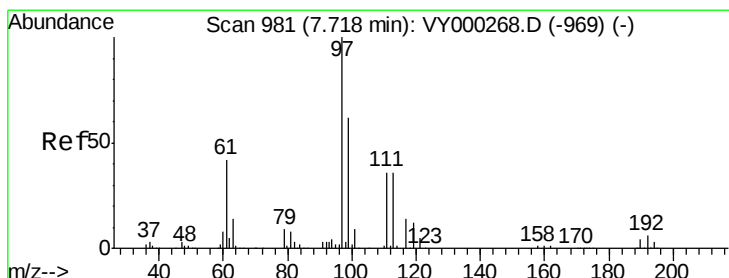
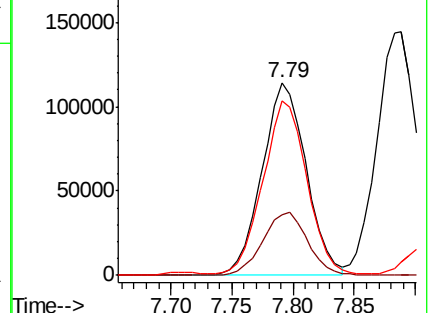
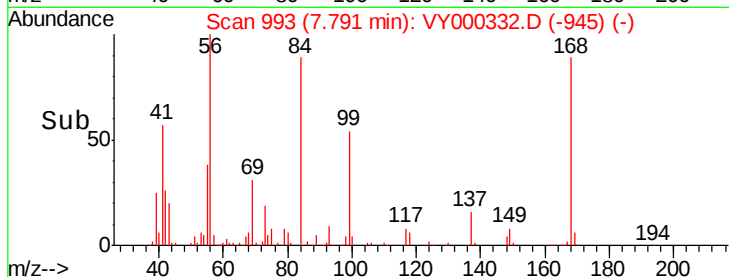
56 100

69 31.5 26.3 39.5

84 88.8 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: 50.571 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

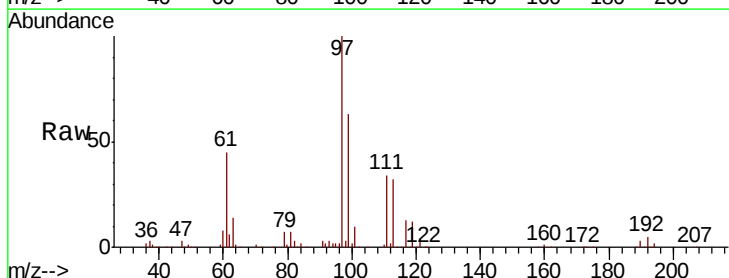
Tgt Ion: 97 Resp: 267640

Ion Ratio Lower Upper

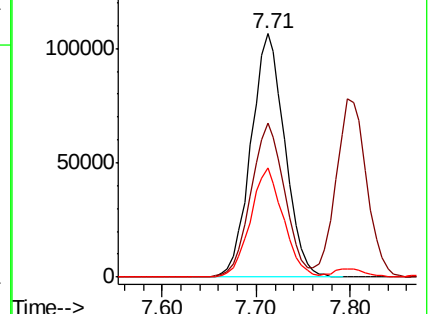
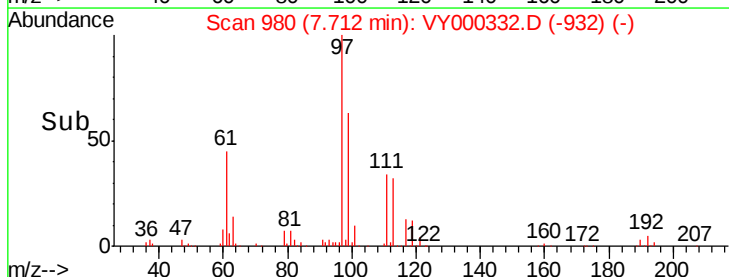
97 100

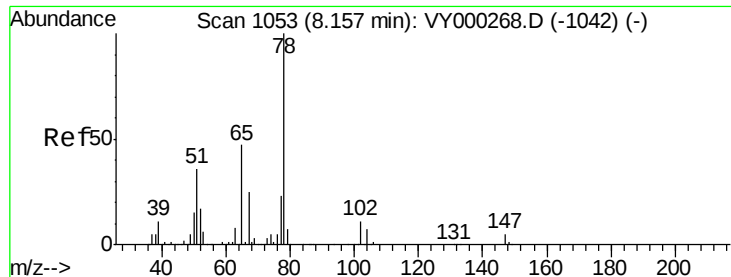
99 63.4 51.7 77.5

61 43.7 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: 55.193 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

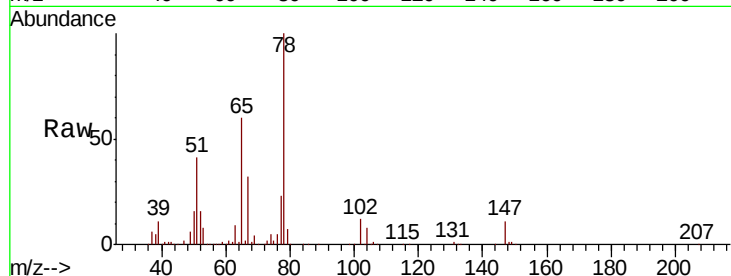
ClientSampleId :

Tot Ion: 65 Resp: 178107

Ion Ratio Lower Upper

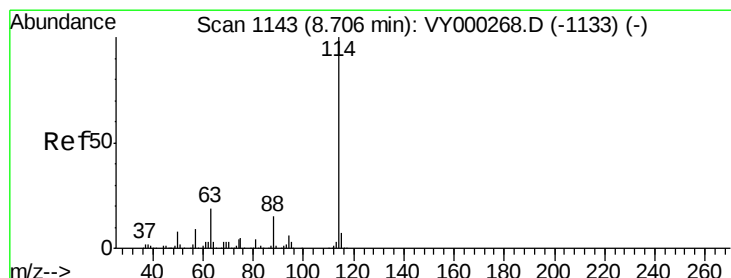
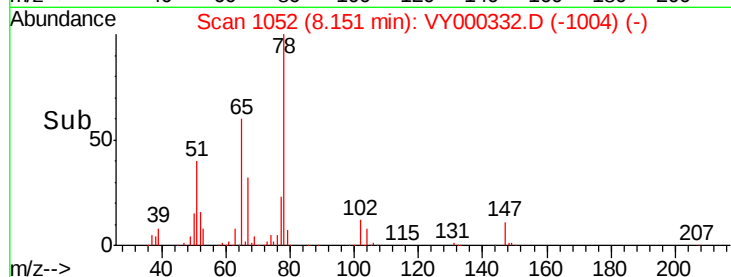
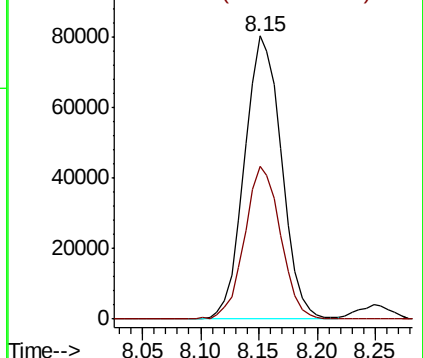
65 100

67 52.4 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

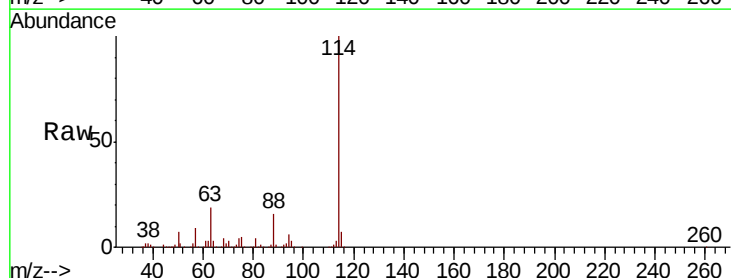
Tgt Ion: 114 Resp: 519726

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.2

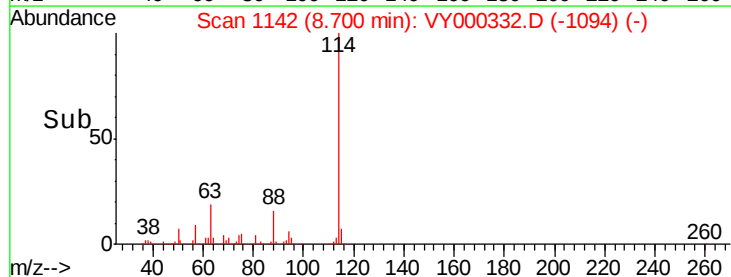
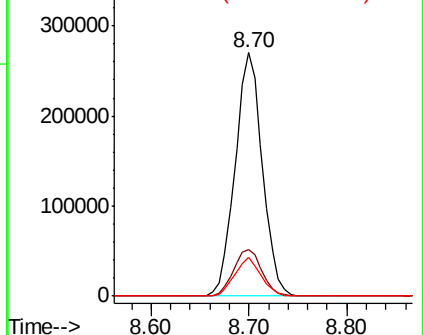
88 16.0 0.0 30.2

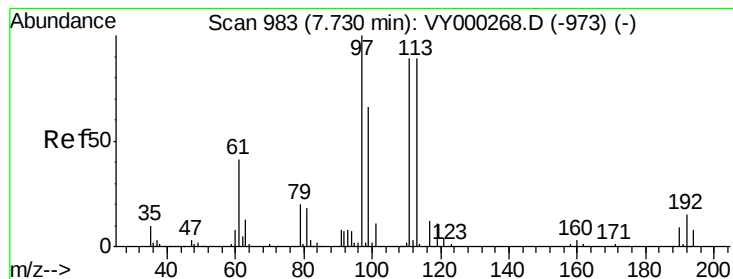


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 51.383 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

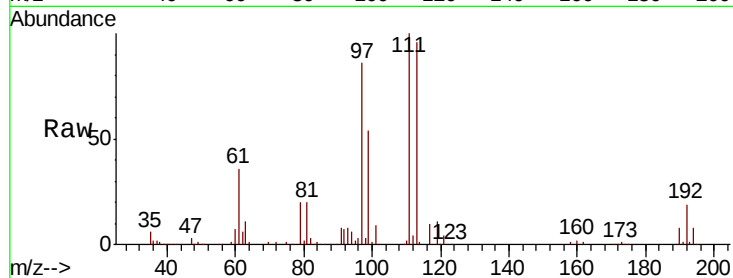
Tot Ion:113 Resp: 161089

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

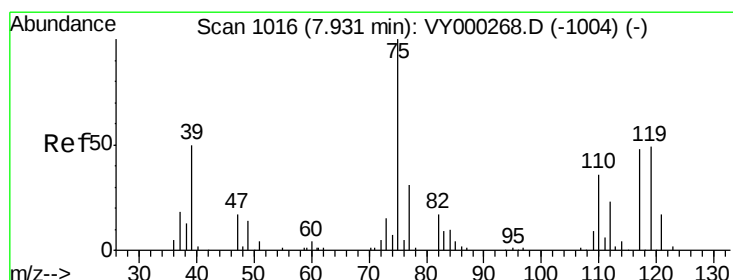
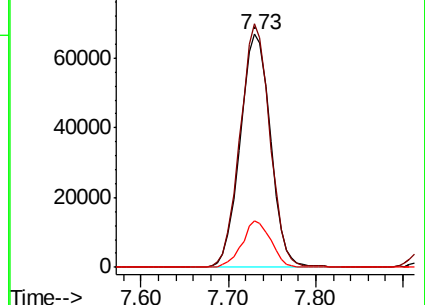
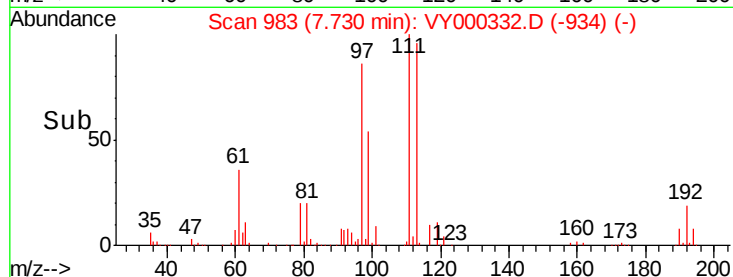
192 18.9 15.3 22.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.296 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

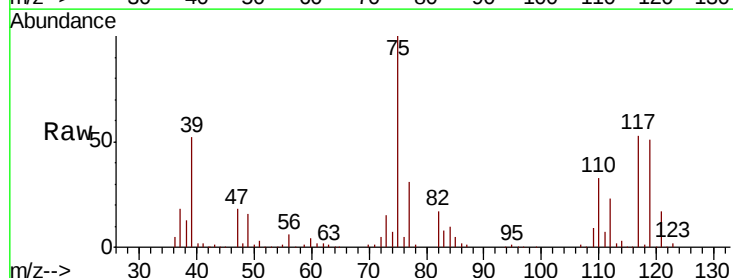
Tgt Ion: 75 Resp: 235574

Ion Ratio Lower Upper

75 100

110 35.8 18.4 55.4

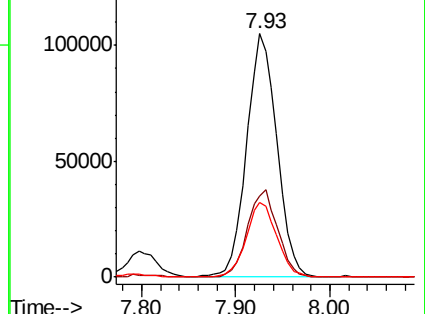
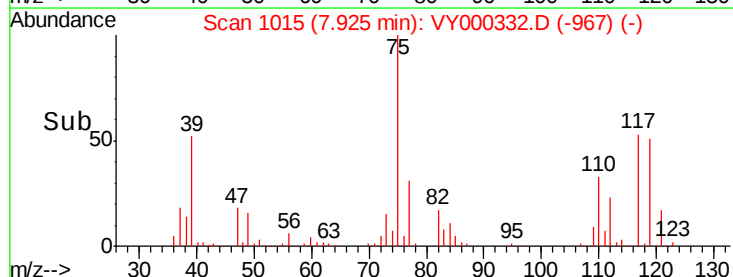
77 31.3 25.0 37.6

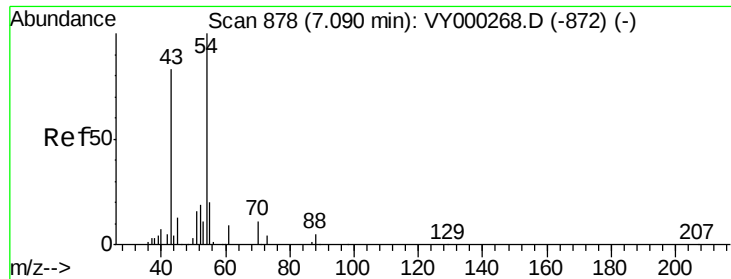


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

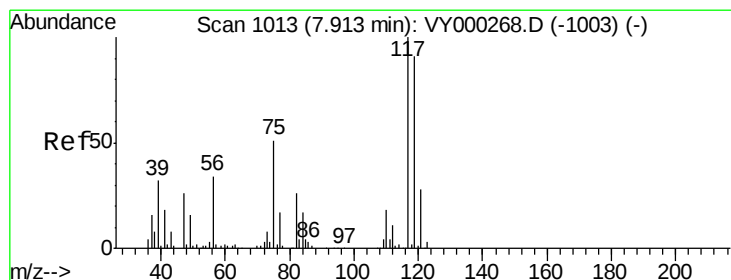
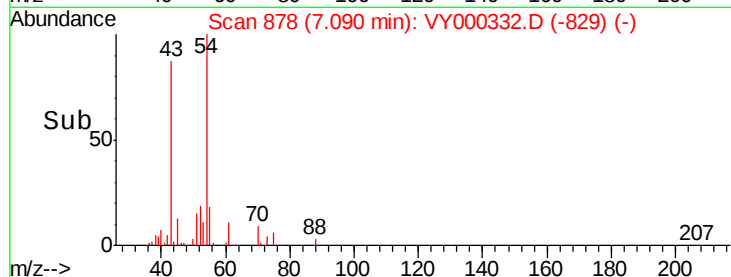
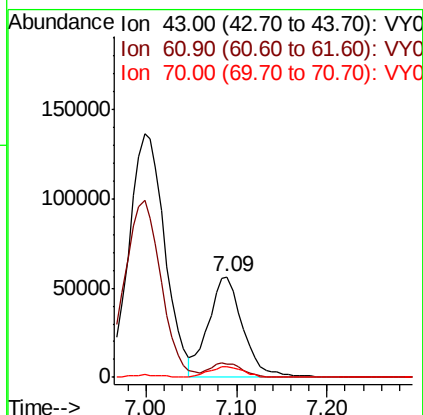
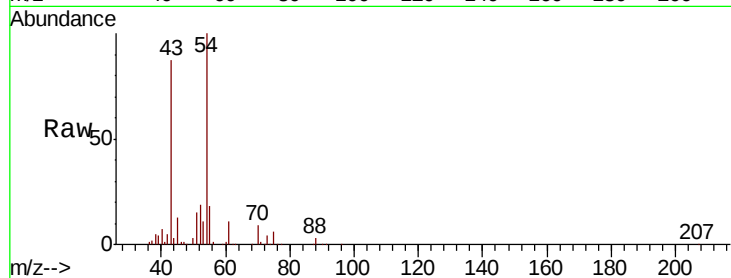




#37
Ethyl Acetate
Concen: 49.390 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

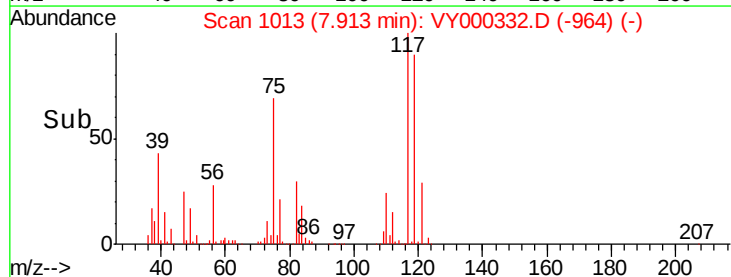
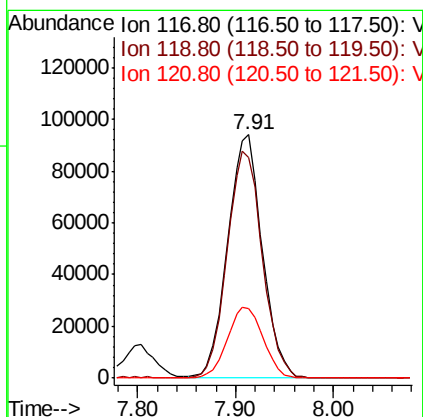
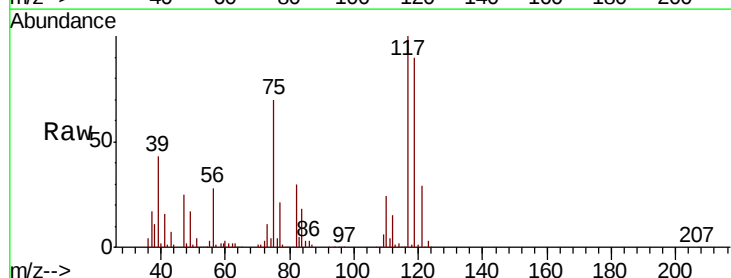
Instrument :
MSVOA_Y
ClientSampleId :

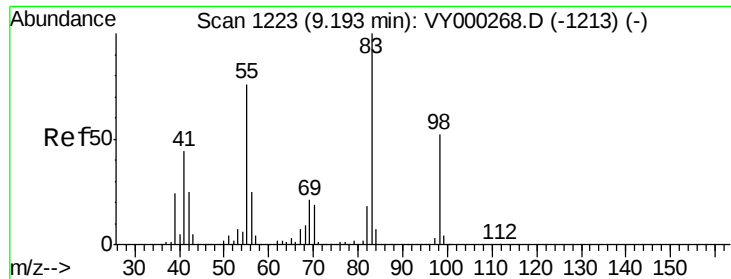
Tot Ion: 43 Resp: 148809
Ion Ratio Lower Upper
43 100
61 13.7 12.1 18.1
70 10.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 46.611 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion: 117 Resp: 229644
Ion Ratio Lower Upper
117 100
119 90.5 72.8 109.2
121 28.7 22.2 33.2

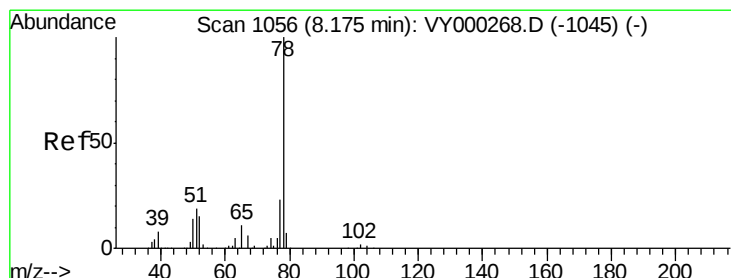
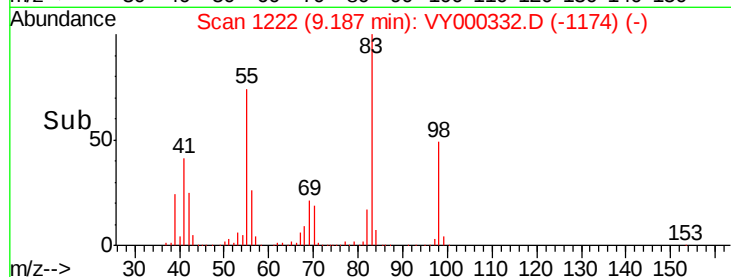
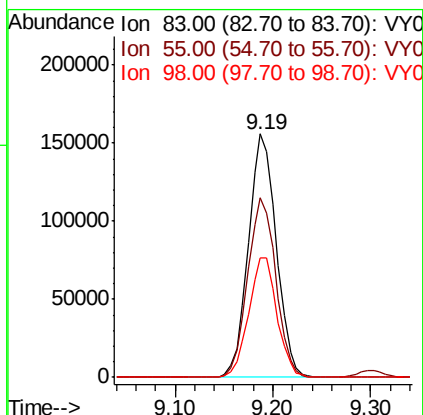
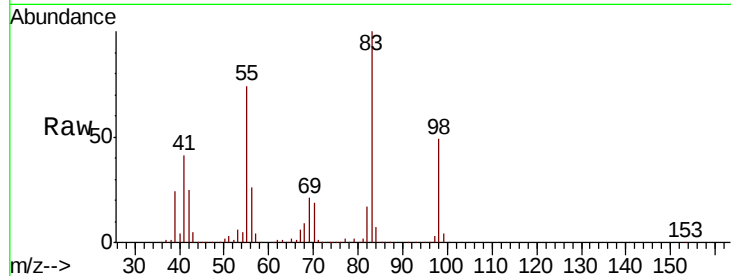




#39
Methvlcvclohexane
Concen: 46.143 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

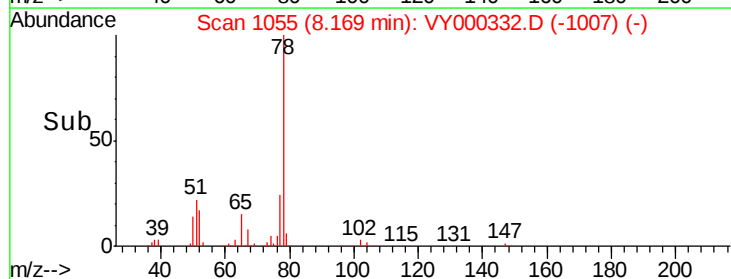
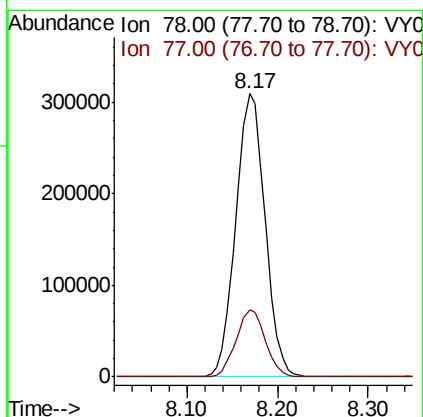
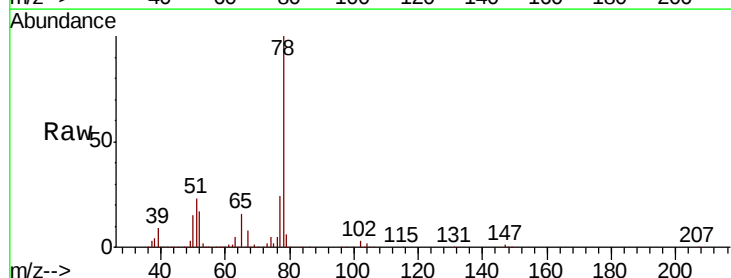
Instrument :
MSVOA_Y
ClientSampleId :

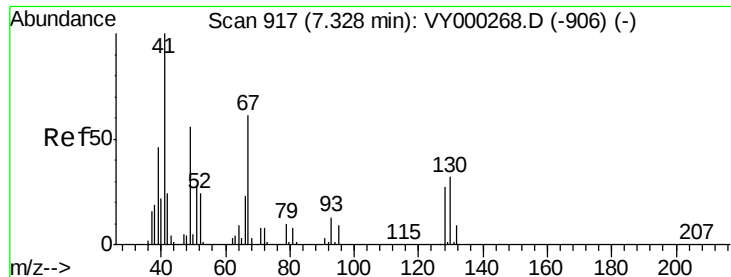
Tot Ion	83	Resp	307306
Ion Ratio	Lower	Upper	
83	100		
55	73.7	60.9	91.3
98	49.3	41.8	62.6



#40
Benzene
Concen: 47.056 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	78	Resp	691956
Ion Ratio	Lower	Upper	
78	100		
77	23.9	18.8	28.2

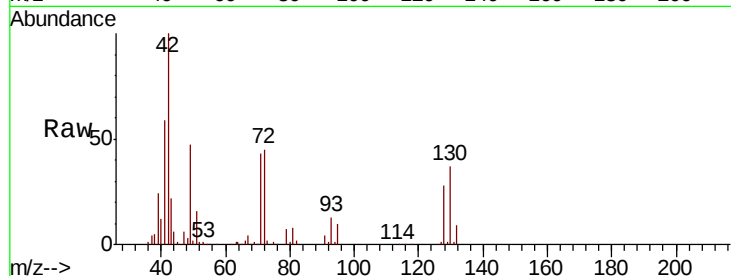




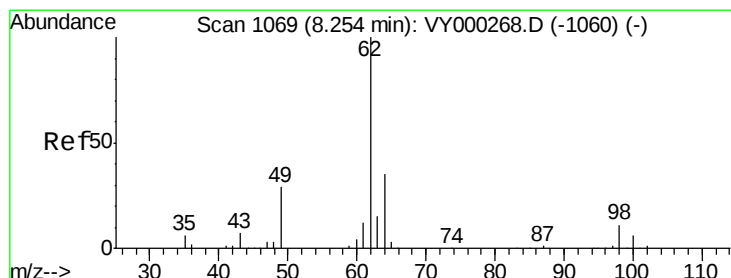
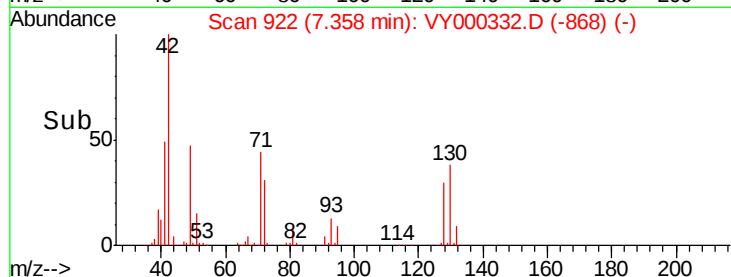
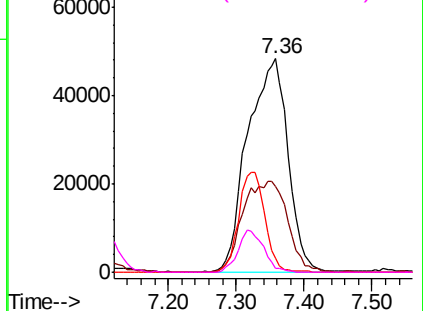
#41
Methacrylonitrile
Concen: 138.820 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 199092
Ion Ratio Lower Upper
41 100
39 47.1 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

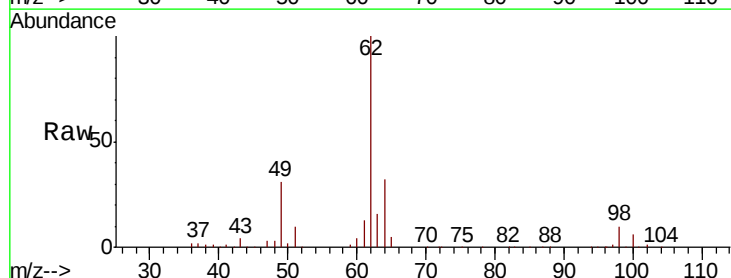


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

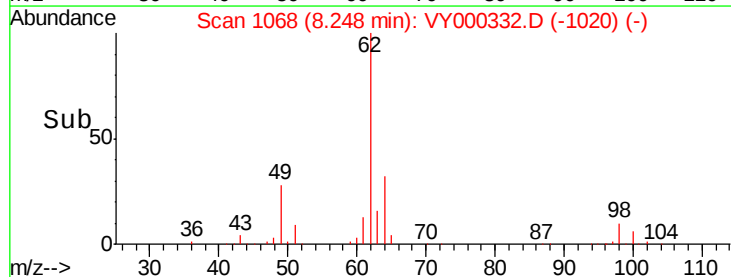
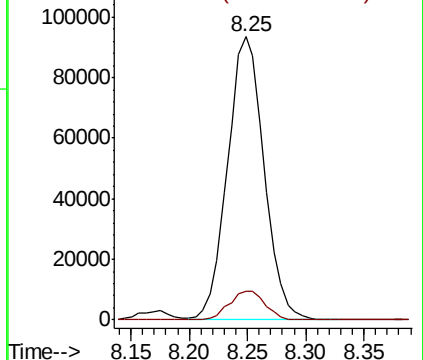


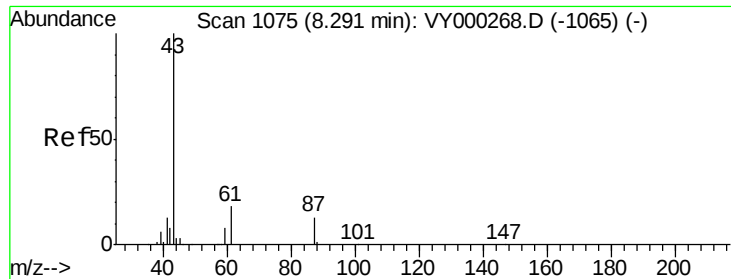
#42
1,2-Dichloroethane
Concen: 48.443 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion: 62 Resp: 203485
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.6



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





#43

Isopropyl Acetate

Concen: 49.068 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

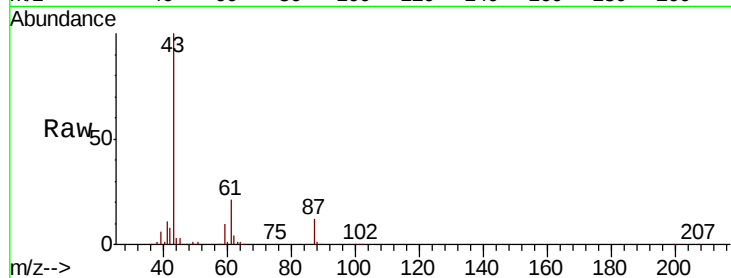
Tot Ion: 43 Resp: 281106

Ion Ratio Lower Upper

43 100

61 28.5 22.3 33.5

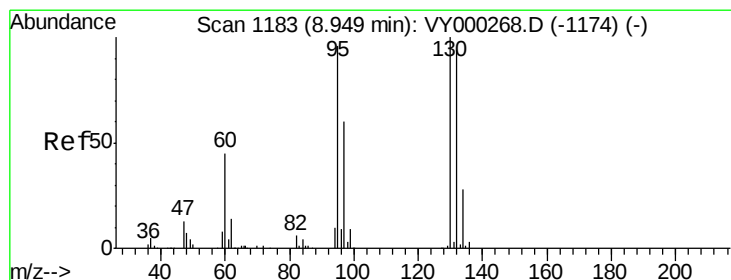
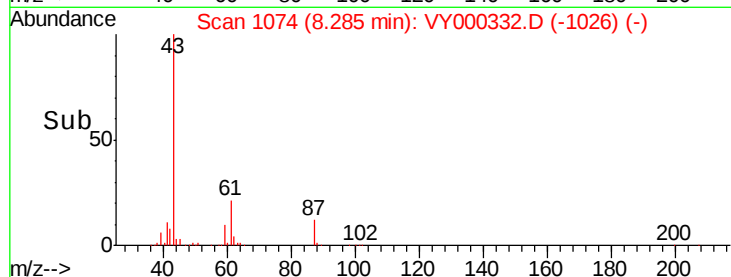
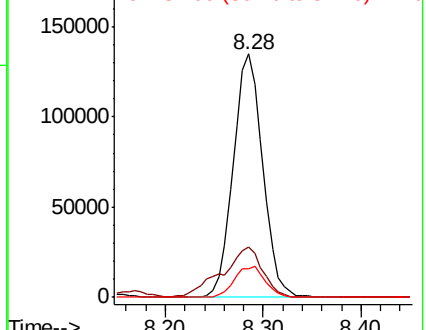
87 13.3 10.9 16.3



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: 45.634 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY000332.D

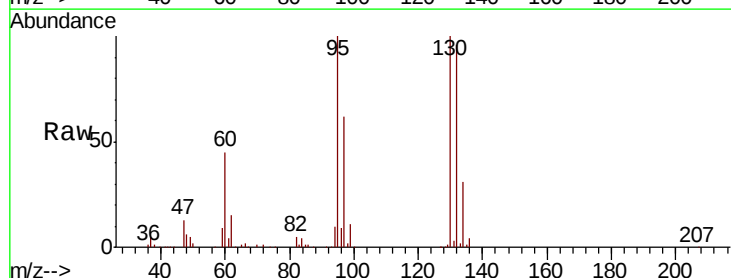
Acq: 16 Oct 2019 17:17

Tgt Ion:130 Resp: 188285

Ion Ratio Lower Upper

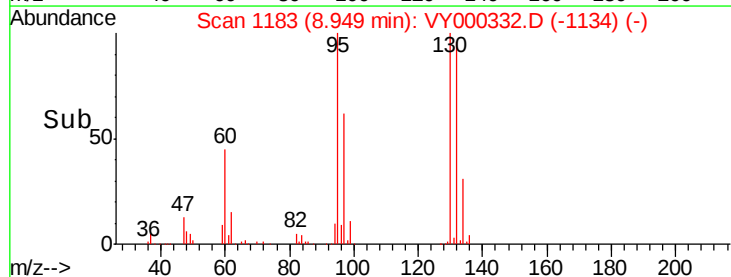
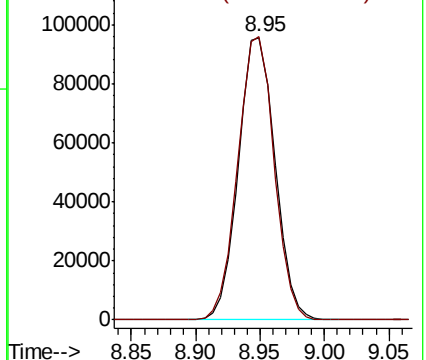
130 100

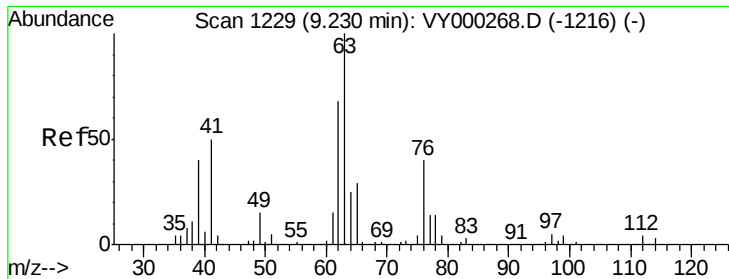
95 100.3 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 49.513 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

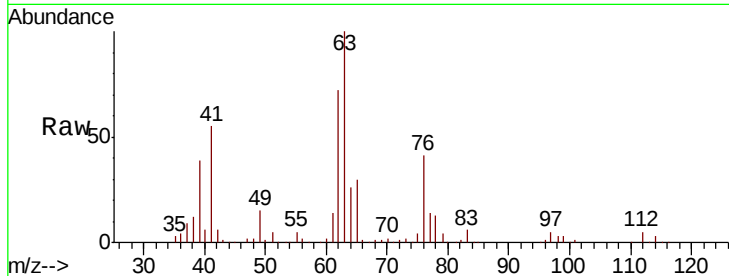
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 63 Resp: 178678

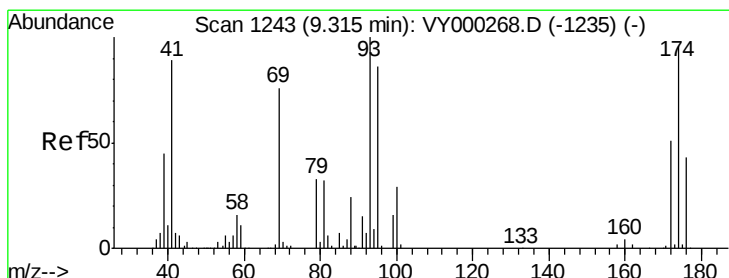
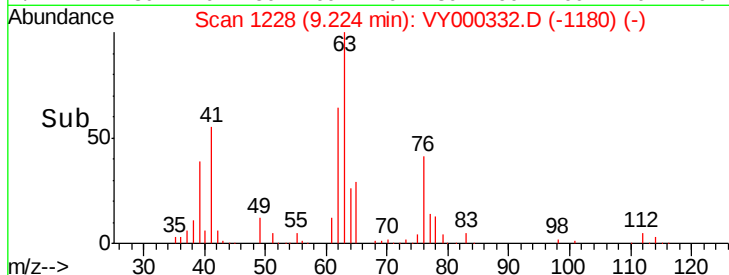
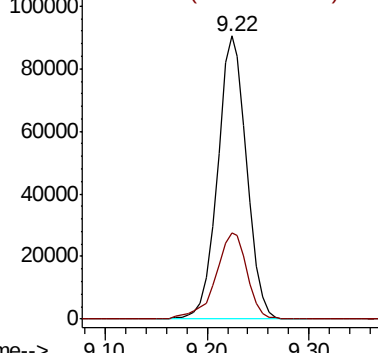
Ion Ratio Lower Upper

63 100

65 30.3 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 48.397 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

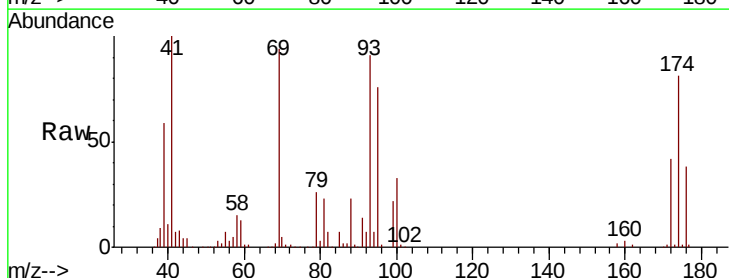
Tgt Ion: 93 Resp: 97631

Ion Ratio Lower Upper

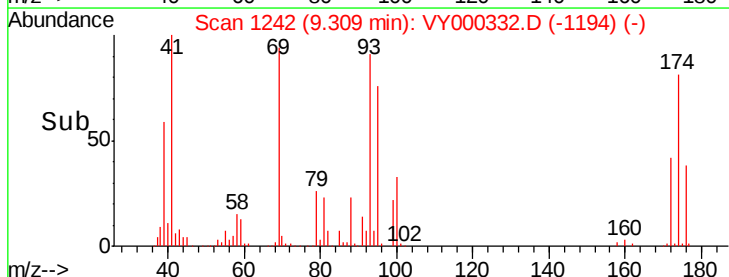
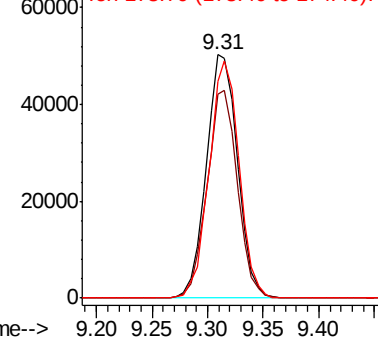
93 100

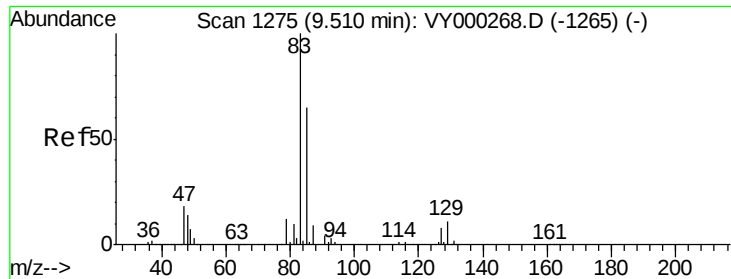
95 82.8 68.2 102.2

174 94.1 79.8 119.6



Abundance Ion 92.80 (92.50 to 93.50): VY0
Ion 94.80 (94.50 to 95.50): VY0
Ion 173.70 (173.40 to 174.40): V

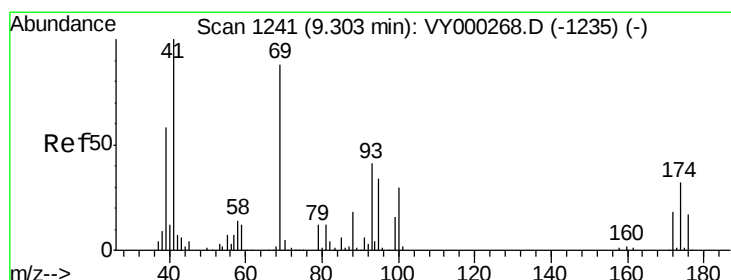
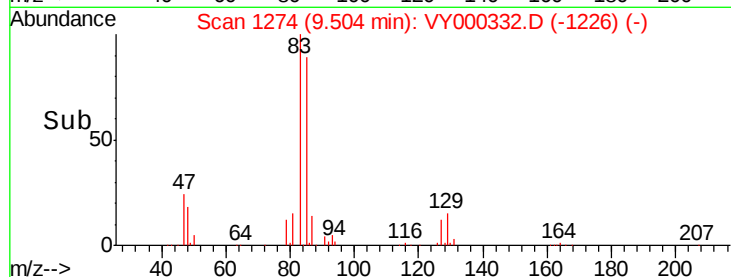
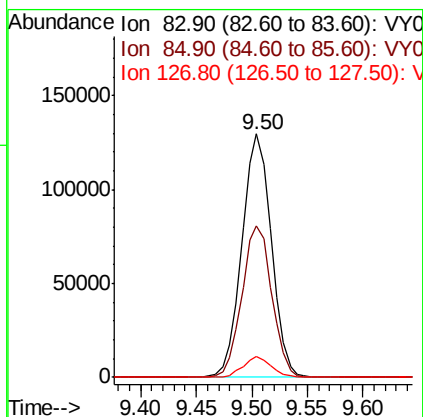
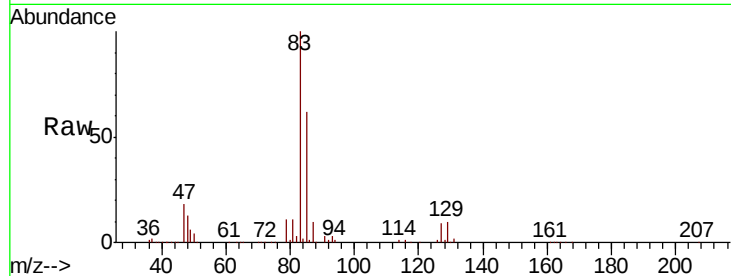




#47
Bromodichloromethane
Concen: 50.032 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

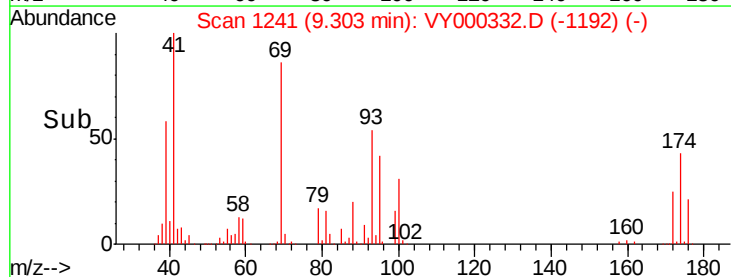
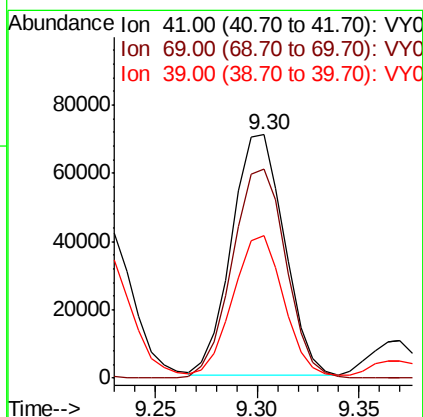
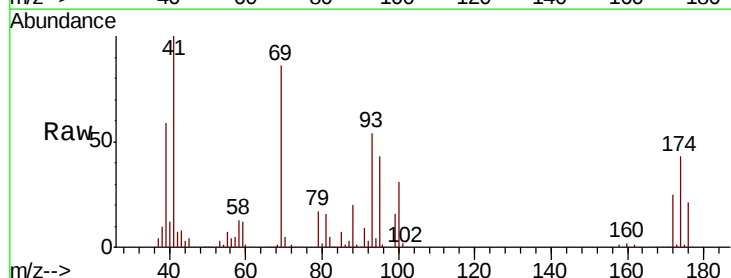
Instrument :
MSVOA_Y
ClientSampleId :

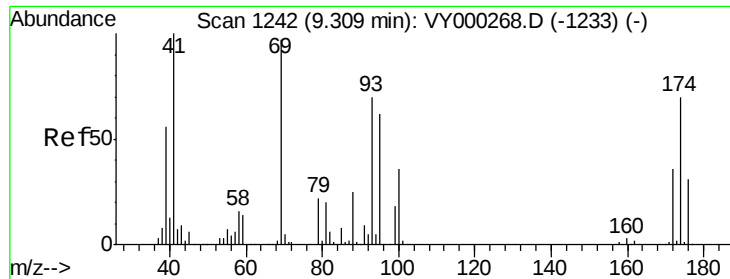
Tot Ion	83	Resp	237862
Ion Ratio	Lower	Upper	
83	100		
85	62.2	52.2	78.2
127	8.6	6.3	9.5



#48
Methyl methacrylate
Concen: 50.283 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	41	Resp	126246
Ion Ratio	Lower	Upper	
41	100		
69	89.1	70.0	105.0
39	58.3	47.7	71.5

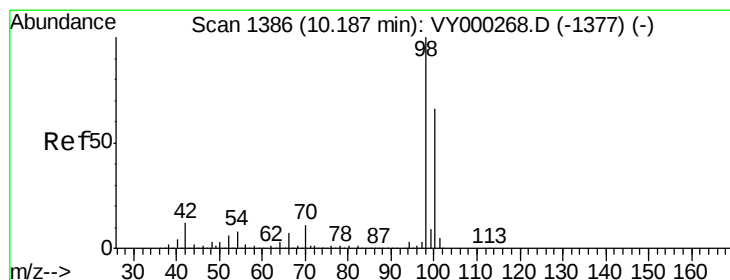
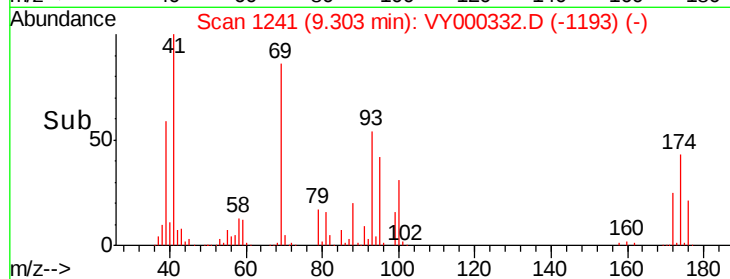
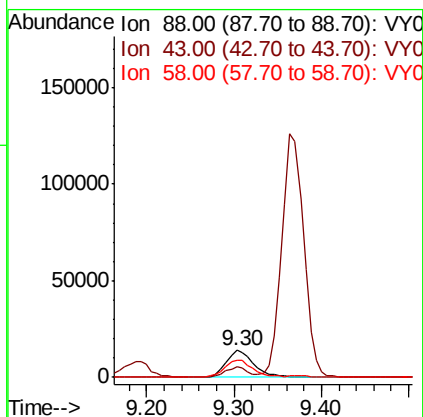
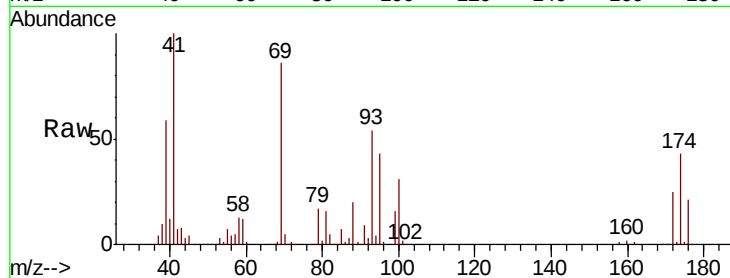




#49
 1,4-Dioxane
 Concen: 1024.727 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

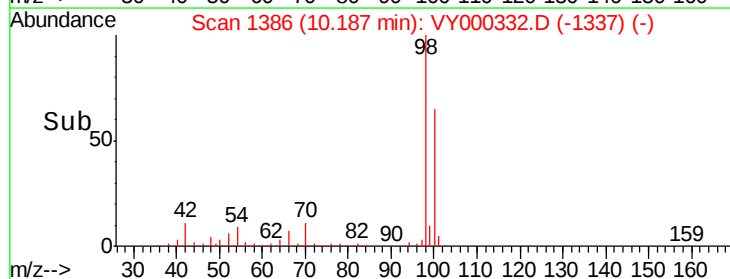
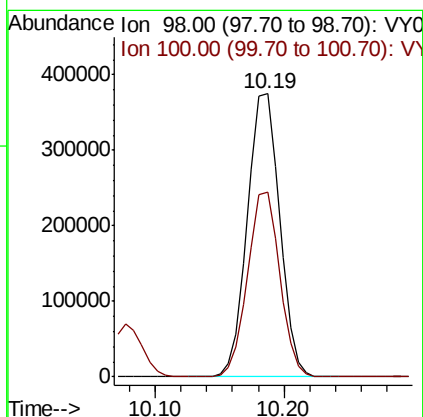
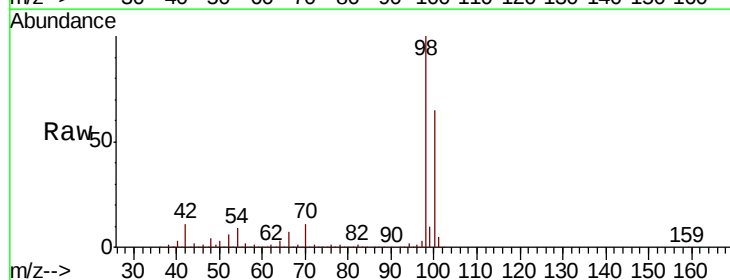
Instrument :
 MSVOA_Y
 ClientSampleId :

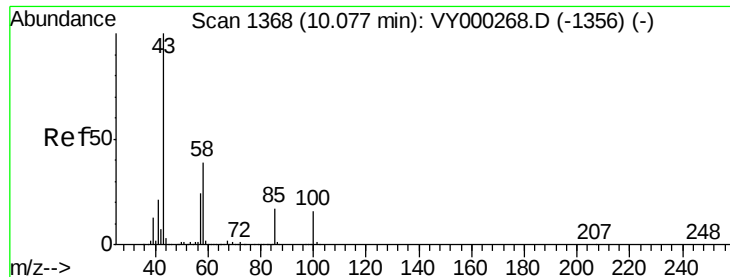
Tot Ion: 88 Resp: 30995
 Ion Ratio Lower Upper
 88 100
 43 28.9 25.6 38.4
 58 64.9 54.6 81.8



#50
 Toluene-d8
 Concen: 53.992 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion: 98 Resp: 651122
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.8 79.2

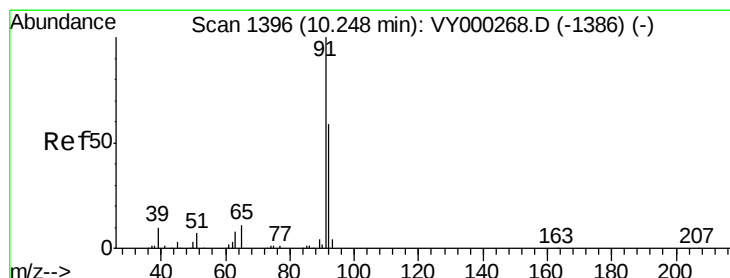
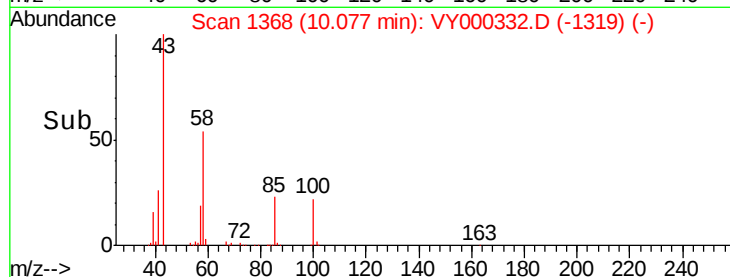
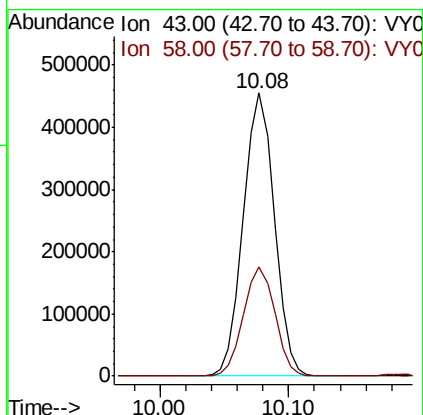
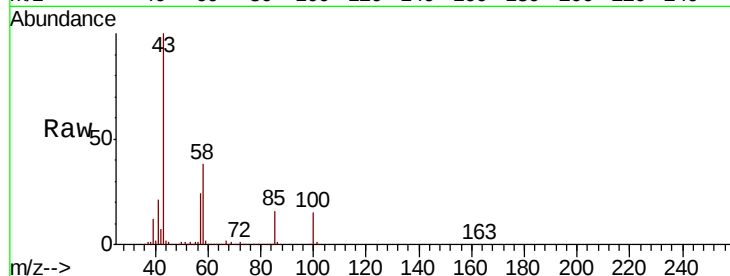




#51
4-Methyl-2-Pentanone
Concen: 257.350 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

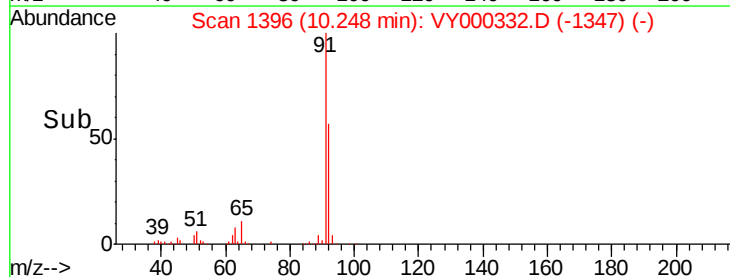
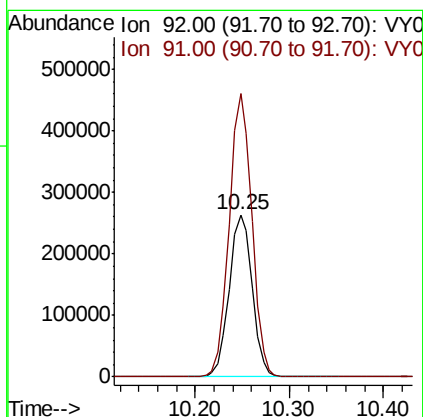
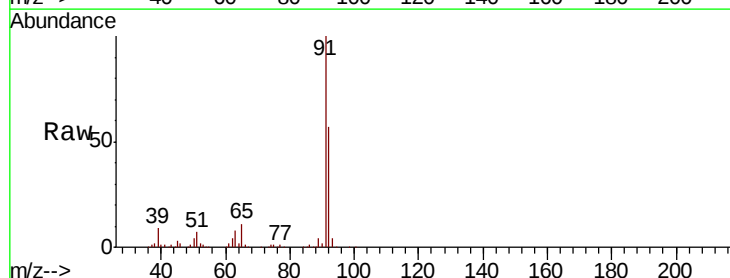
Instrument :
MSVOA_Y
ClientSampleId :

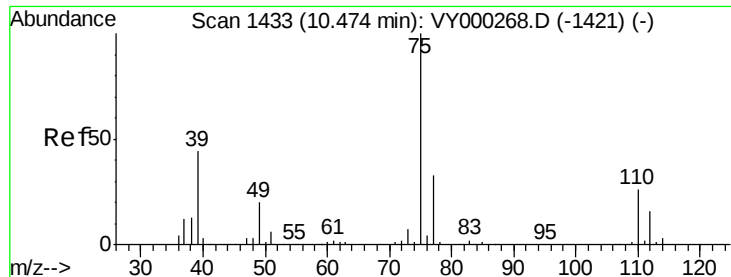
Tot Ion: 43 Resp: 760424
Ion Ratio Lower Upper
43 100
58 39.1 31.0 46.6



#52
Toluene
Concen: 47.709 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion: 92 Resp: 445414
Ion Ratio Lower Upper
92 100
91 172.4 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 50.800 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

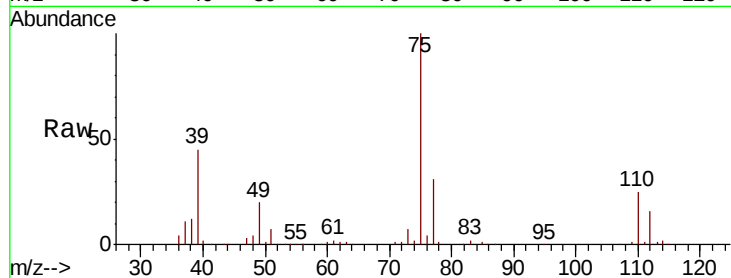
ClientSampleId :

Tot Ion: 75 Resp: 258832

Ion Ratio Lower Upper

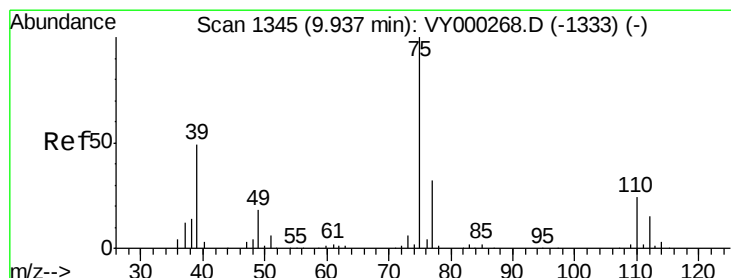
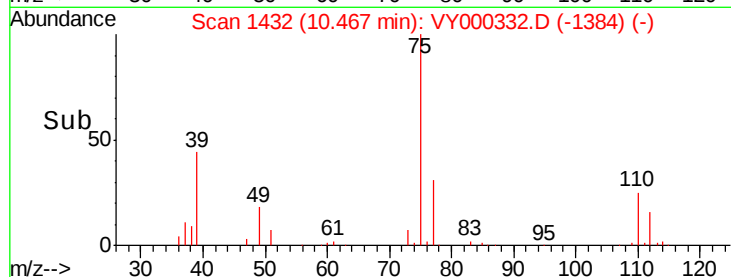
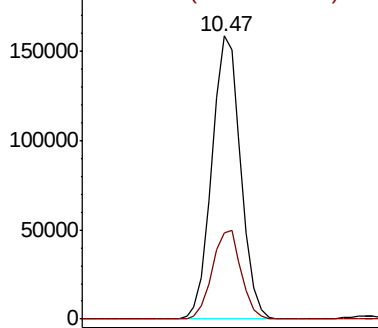
75 100

77 30.6 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 50.242 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

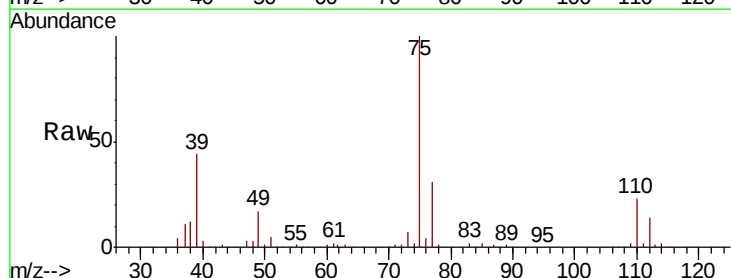
Tgt Ion: 75 Resp: 290712

Ion Ratio Lower Upper

75 100

77 31.0 26.0 39.0

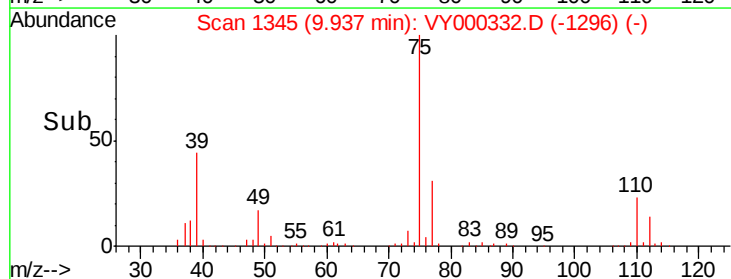
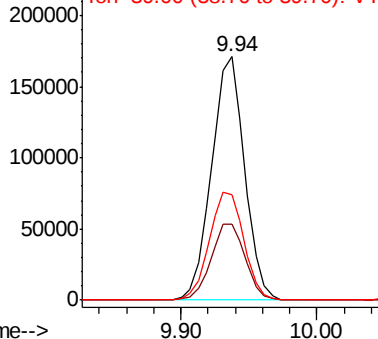
39 43.5 38.8 58.2

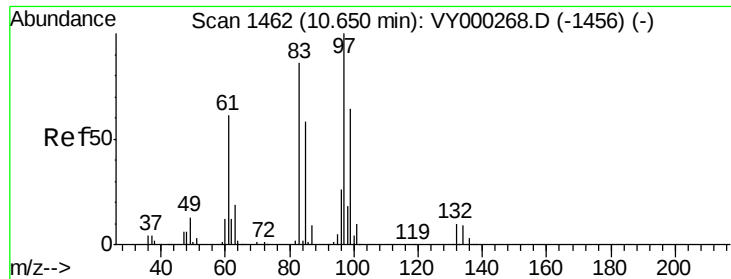


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

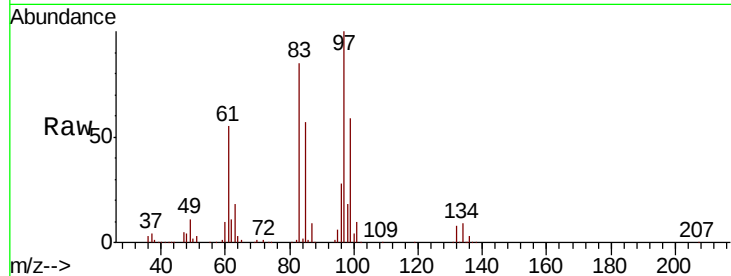




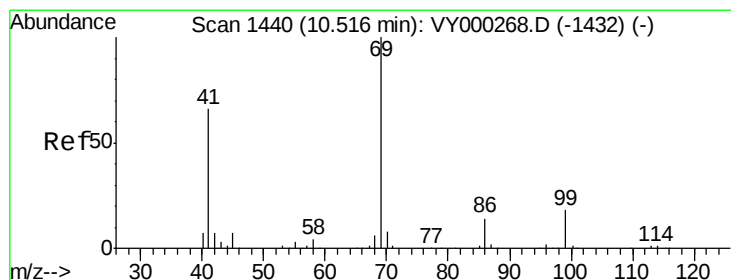
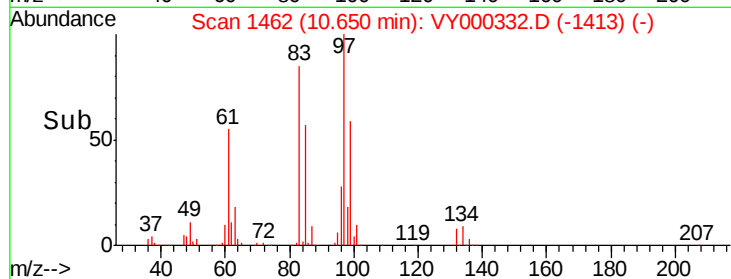
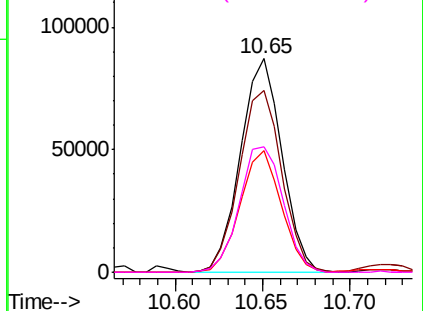
#55
 1,1,2-Trichloroethane
 Concen: 49.014 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 143764
 Ion Ratio Lower Upper
 97 100
 83 85.0 69.0 103.6
 85 57.3 46.2 69.4
 99 58.6 51.1 76.7

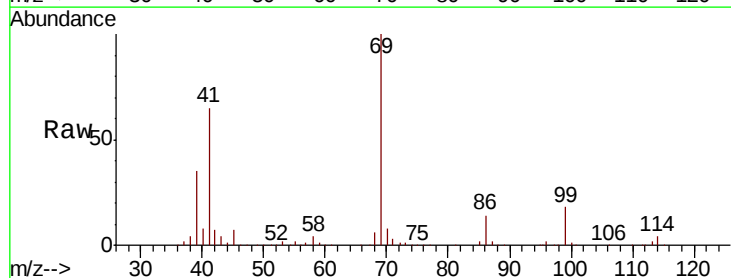


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

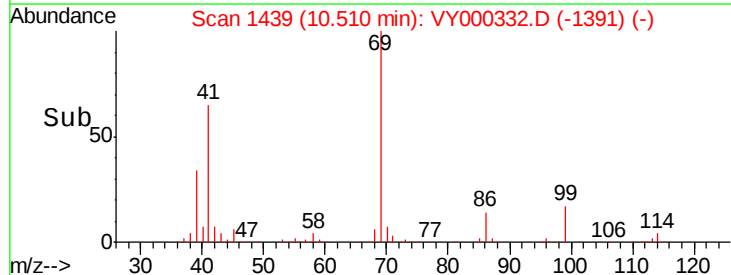
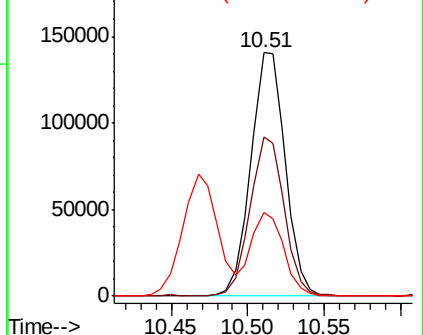


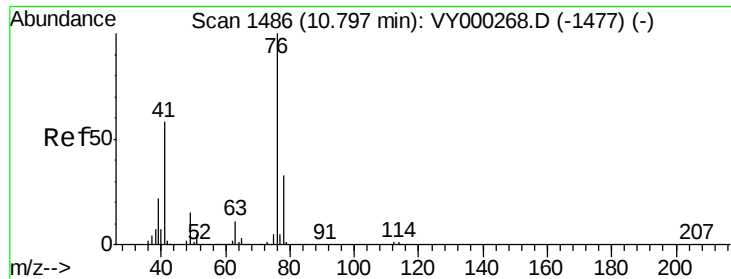
#56
 Ethyl methacrylate
 Concen: 52.809 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion: 69 Resp: 220781
 Ion Ratio Lower Upper
 69 100
 41 64.4 52.5 78.7
 39 33.0 26.7 40.1



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





#57

1,3-Dichloropropane

Concen: 50.760 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

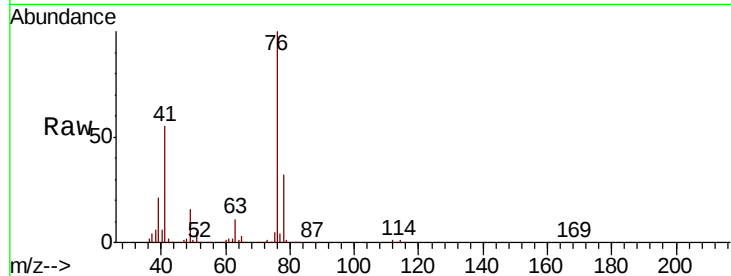
ClientSampleId :

Tot Ion: 76 Resp: 255694

Ion Ratio Lower Upper

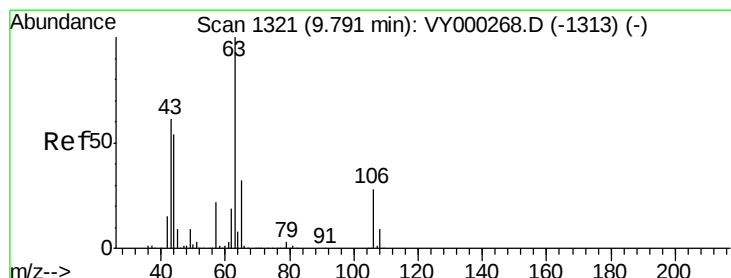
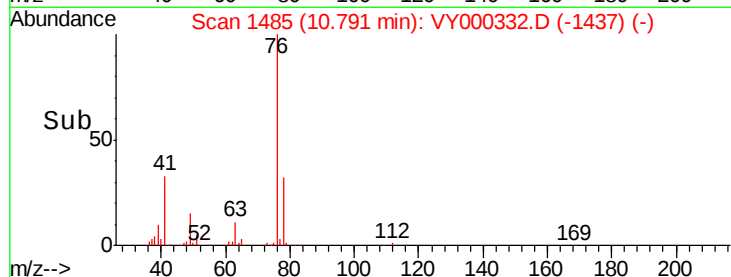
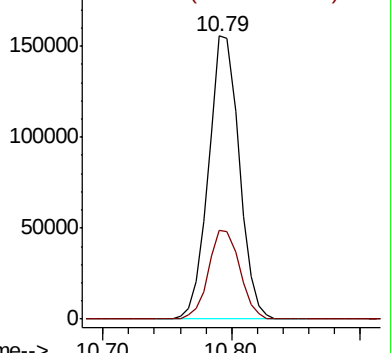
76 100

78 32.1 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 335.090 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000332.D

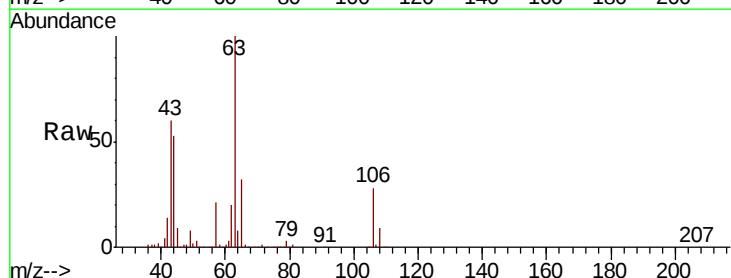
Acq: 16 Oct 2019 17:17

Tgt Ion: 63 Resp: 558783

Ion Ratio Lower Upper

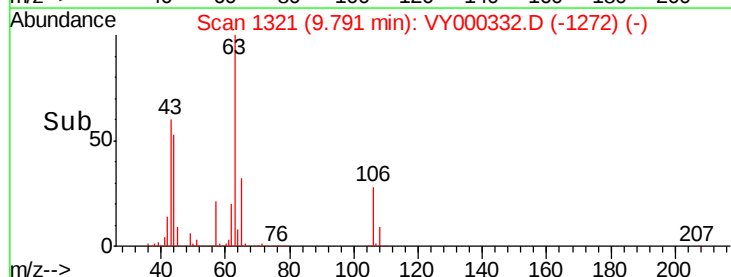
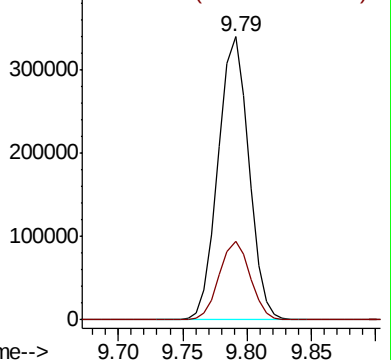
63 100

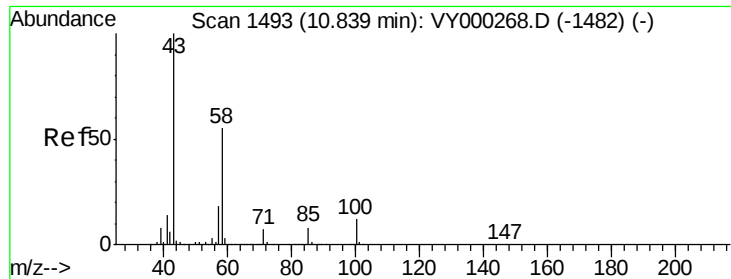
106 28.0 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 273.114 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

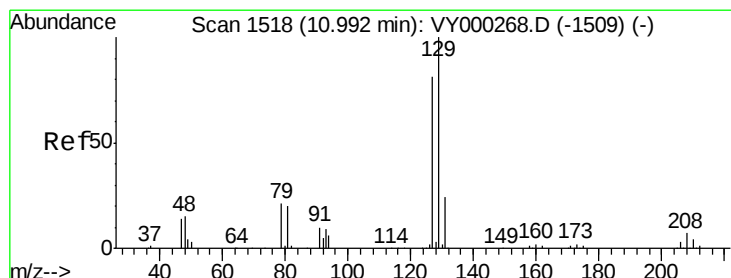
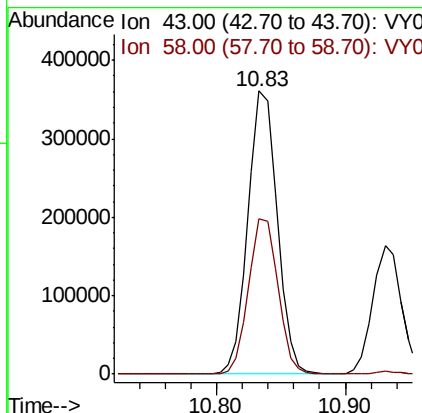
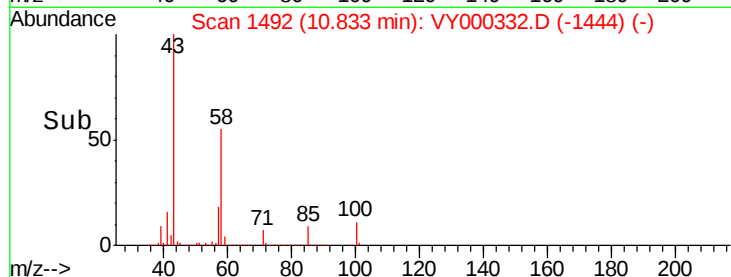
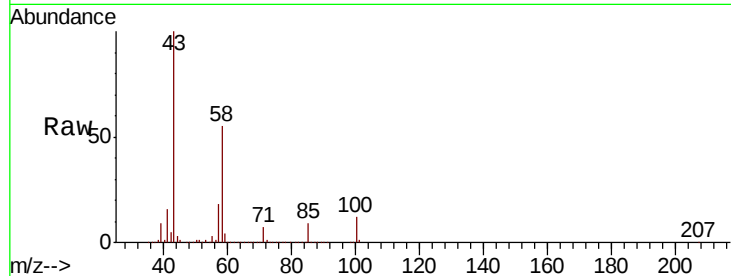
ClientSampleId :

Tot Ion: 43 Resp: 566447

Ion Ratio Lower Upper

43 100

58 55.2 27.7 83.1



#60

Dibromochloromethane

Concen: 50.754 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. -0.01 min

Lab File: VY000332.D

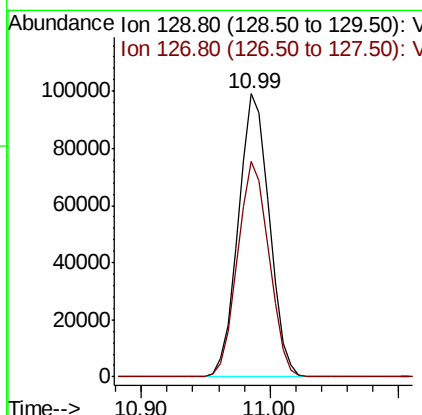
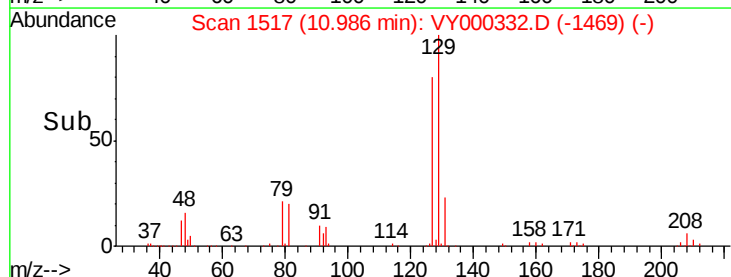
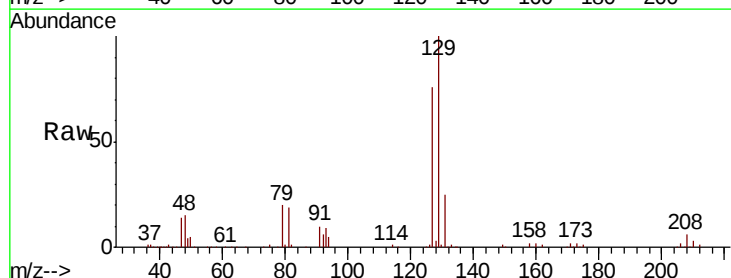
Acq: 16 Oct 2019 17:17

Tgt Ion: 129 Resp: 165002

Ion Ratio Lower Upper

129 100

127 77.1 39.9 119.7

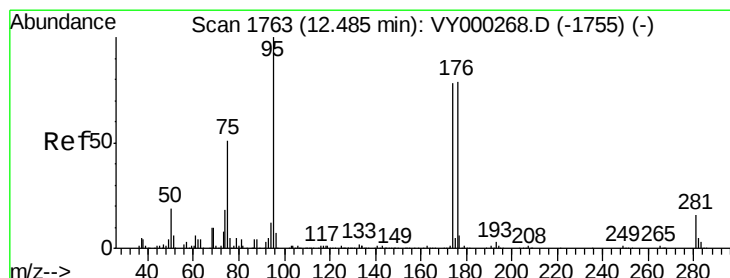
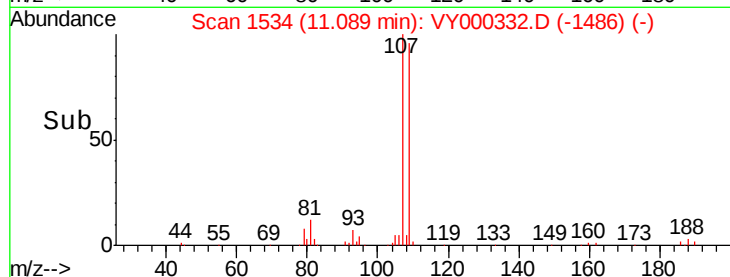
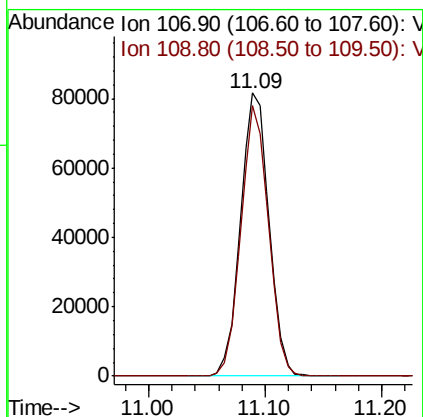
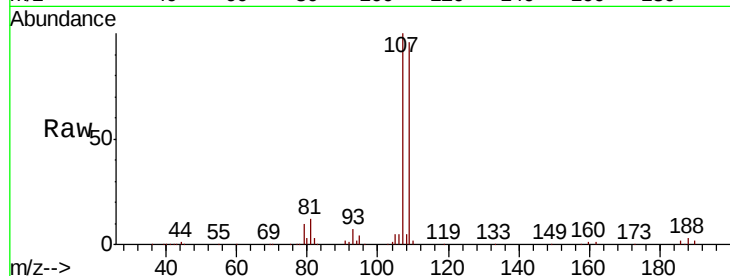




#61
 1,2-Dibromoethane
 Concen: 49.262 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

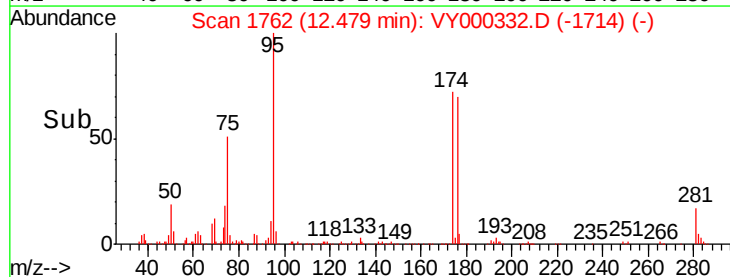
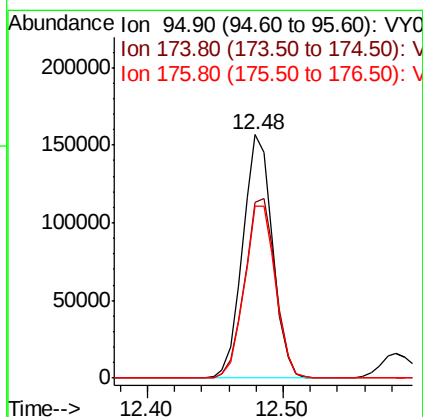
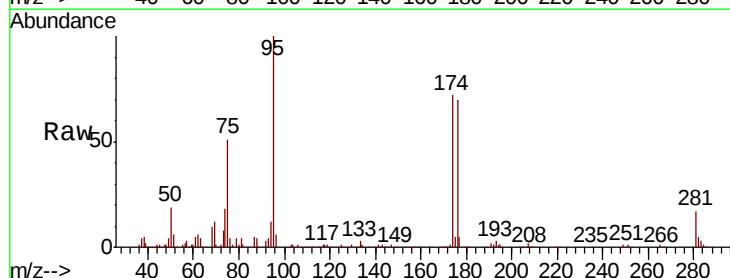
Instrument :
 MSVOA_Y
 ClientSampleId :

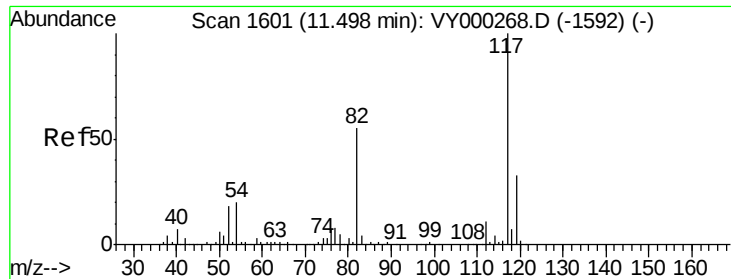
Tot Ion: 107 Resp: 138734
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 52.236 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion: 95 Resp: 239323
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 159.6
 176 73.6 0.0 153.8

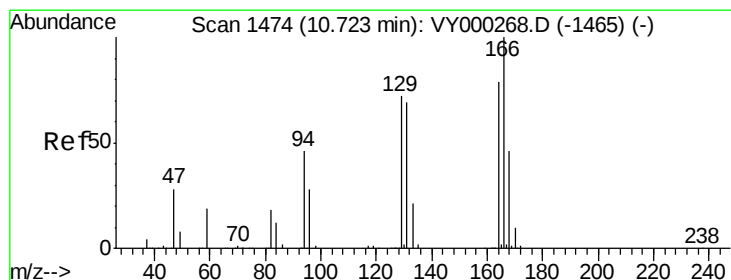
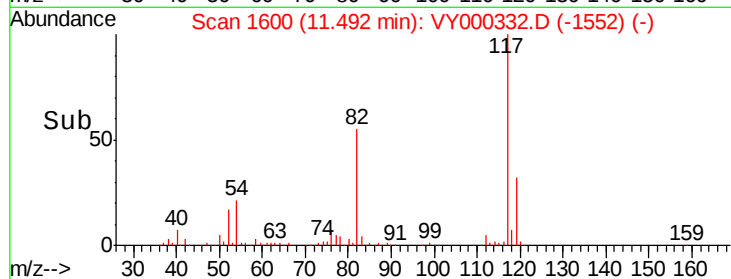
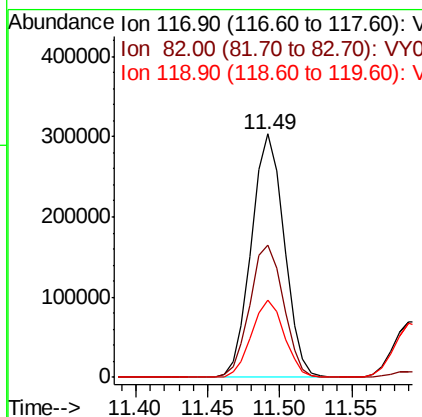
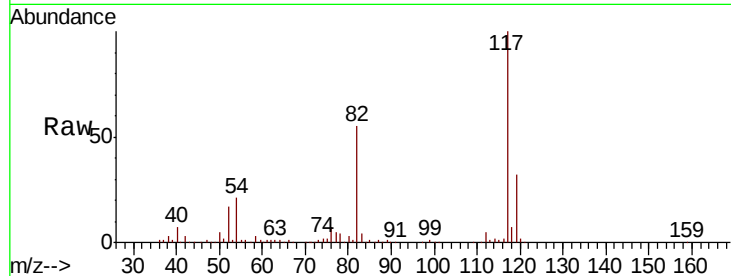




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

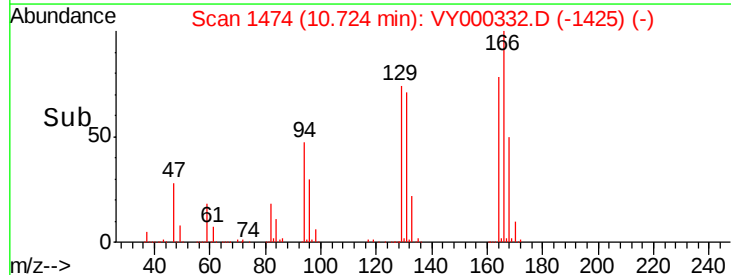
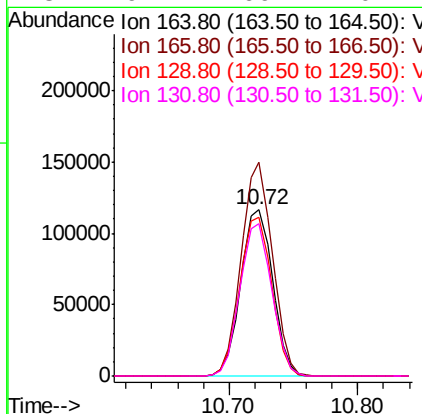
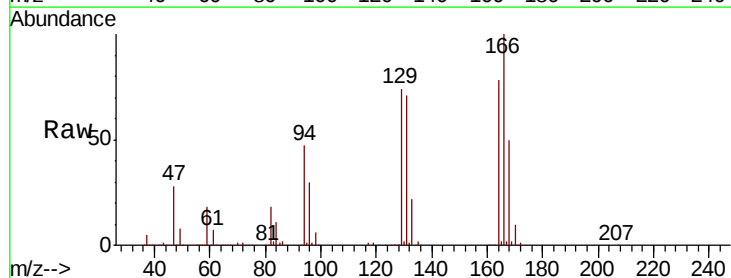
Instrument :
MSVOA_Y
ClientSampleId :

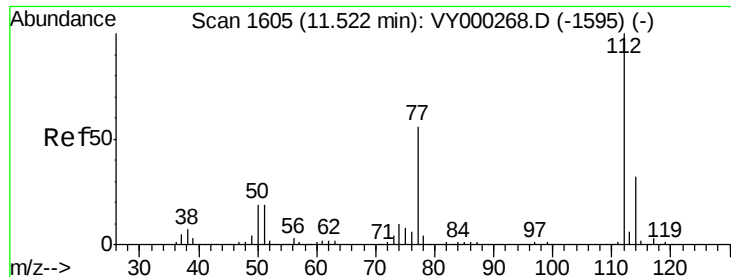
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.7	65.5
119	31.6	26.6	39.8



#64
Tetrachloroethene
Concen: 43.757 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	100.6	151.0
129	95.6	72.8	109.2
131	91.7	69.4	104.2

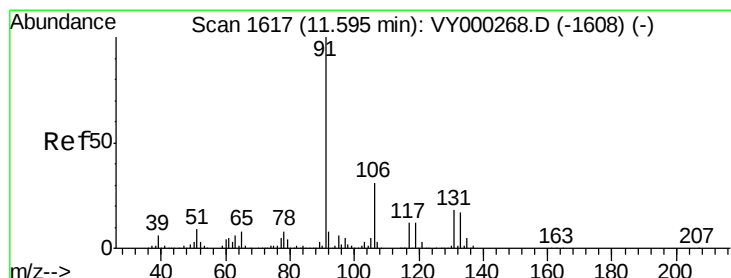
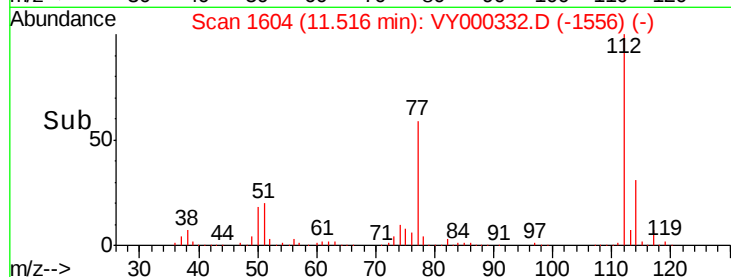
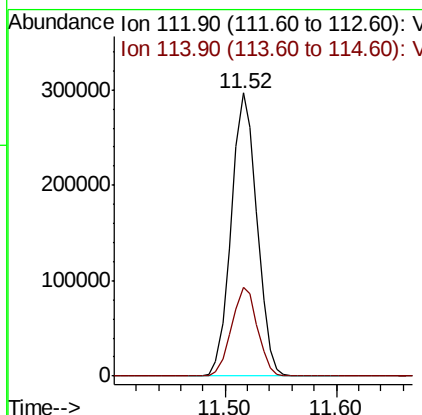
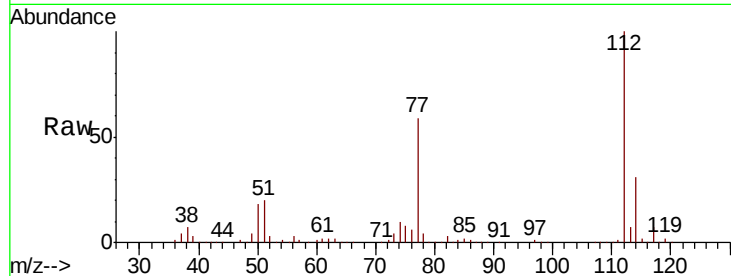




#65
Chlorobenzene
Concen: 46.944 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

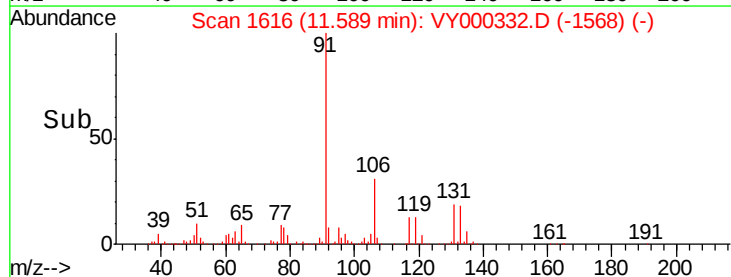
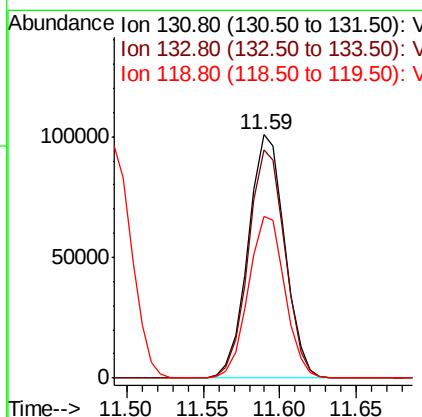
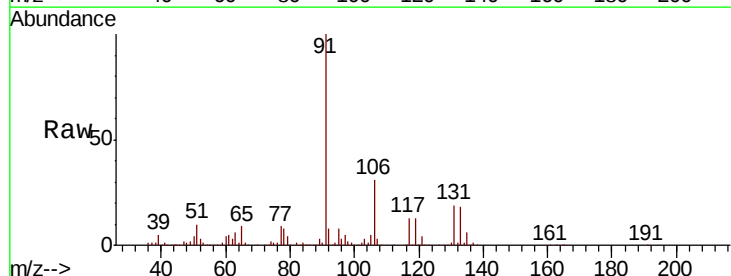
Instrument :
MSVOA_Y
ClientSampleId :

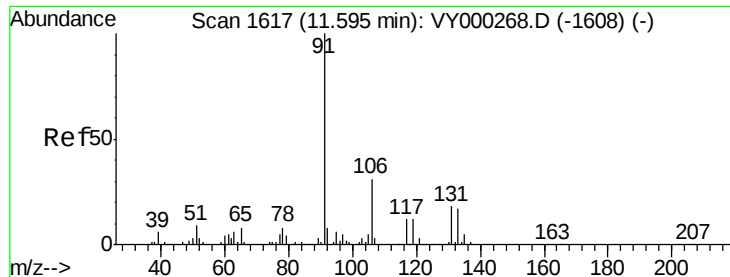
Tot Ion:112 Resp: 474073
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 47.265 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion:131 Resp: 167670
Ion Ratio Lower Upper
131 100
133 94.0 47.2 141.6
119 66.4 32.6 98.0





#67

Ethyl Benzene

Concen: 46.704 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

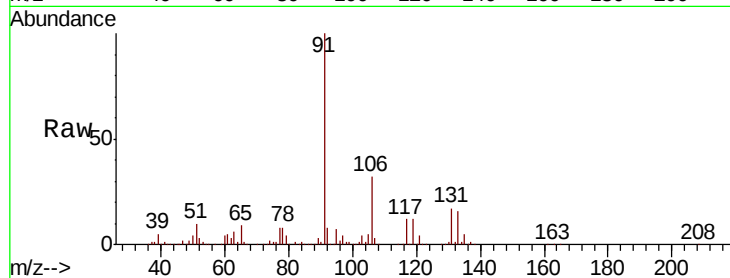
ClientSampled :

Tot Ion: 91 Resp: 874327

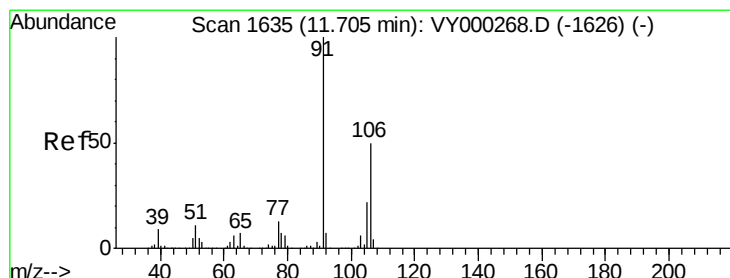
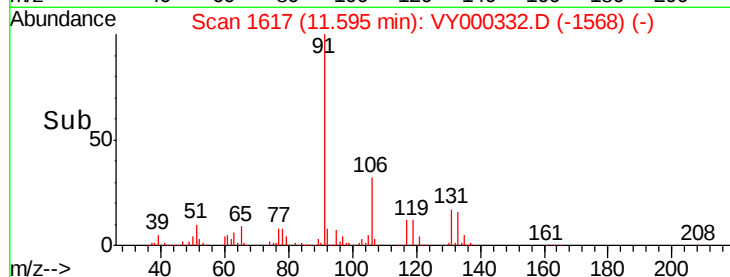
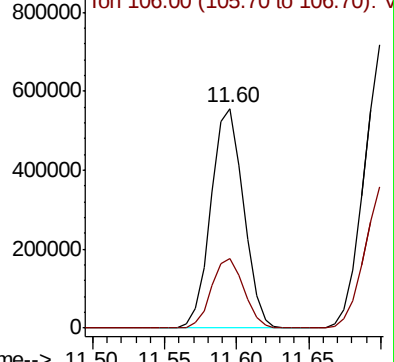
Ion Ratio Lower Upper

91 100

106 31.9 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VY000332.D (-1568) (-)



#68

m/p-Xylenes

Concen: 93.797 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY000332.D

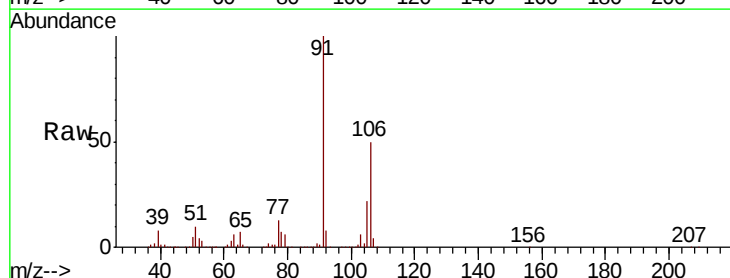
Acq: 16 Oct 2019 17:17

Tgt Ion: 106 Resp: 671261

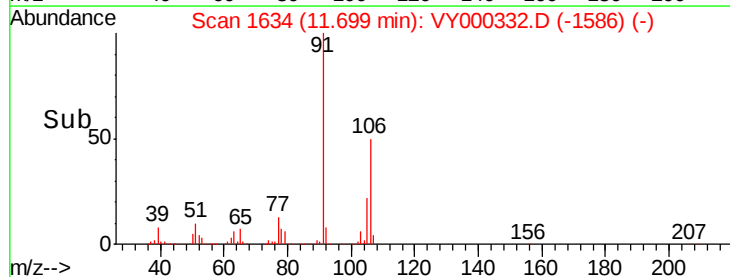
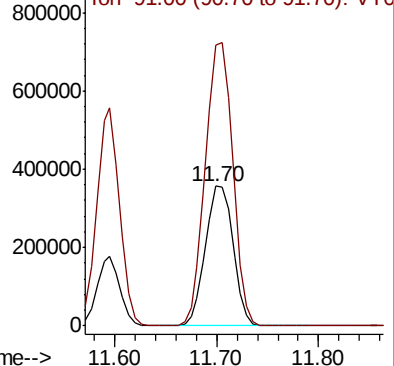
Ion Ratio Lower Upper

106 100

91 200.7 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): VY000332.D (-1586) (-)

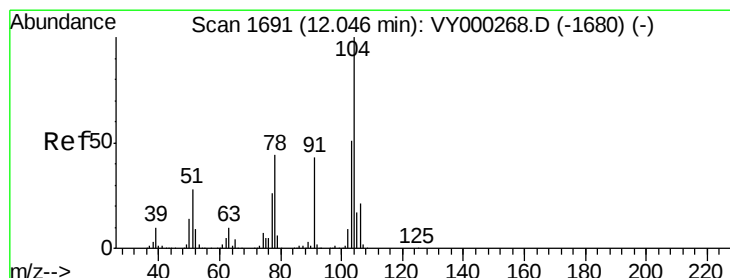
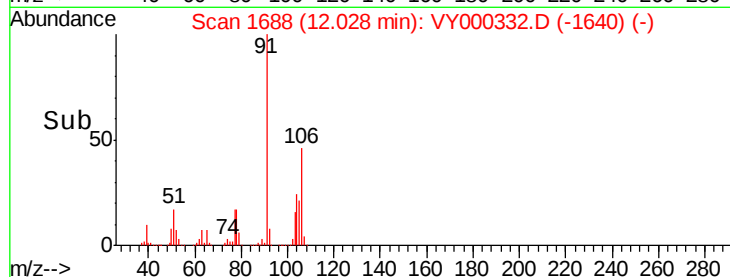
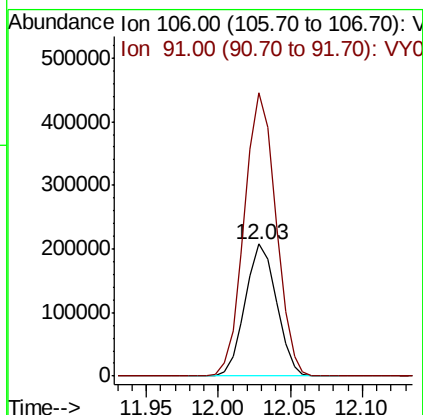
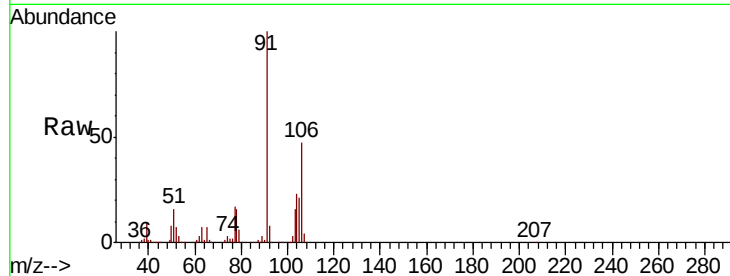




#69
o-Xylene
Concen: 46.199 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

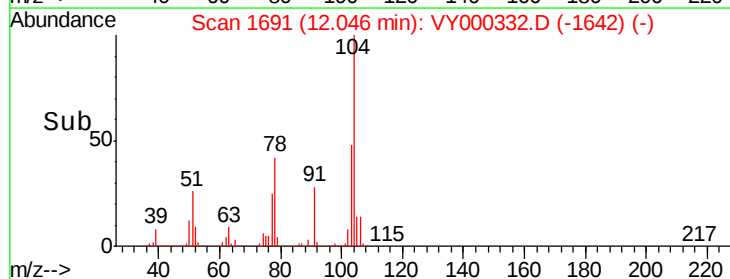
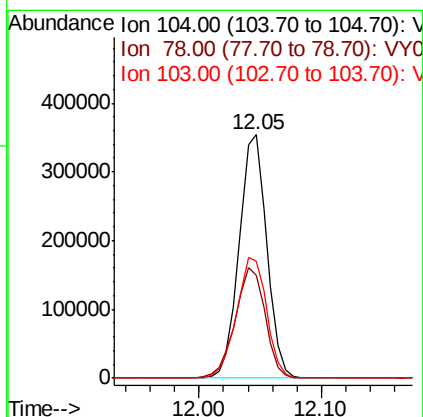
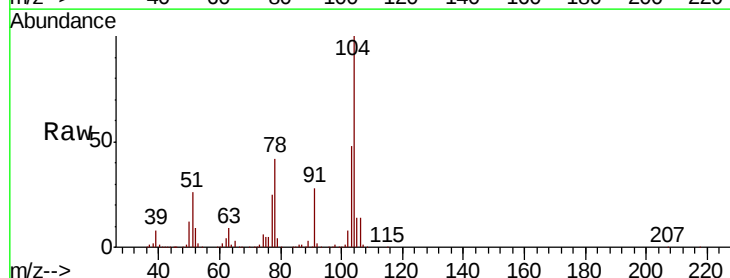
Instrument :
MSVOA_Y
ClientSampled :

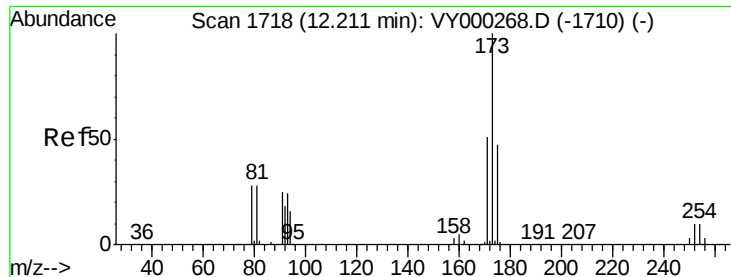
Tot Ion:106 Resp: 315410
Ion Ratio Lower Upper
106 100
91 215.1 104.7 313.9



#70
Styrene
Concen: 48.022 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion:104 Resp: 552925
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.6
103 54.2 43.1 64.7





#71

Bromoform

Concen: 49.304 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

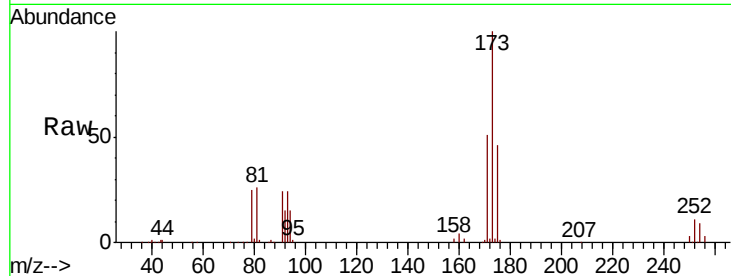
Tot Ion:173 Resp: 100545

Ion Ratio Lower Upper

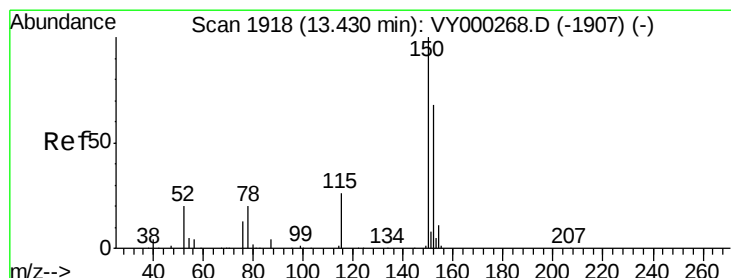
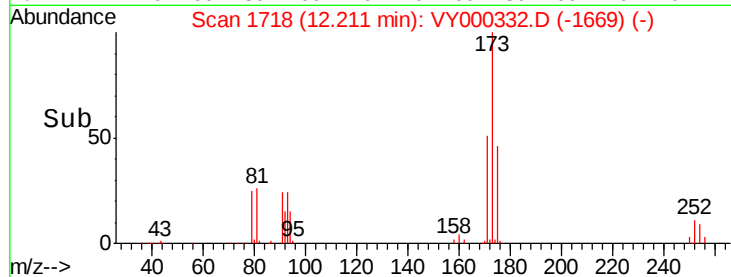
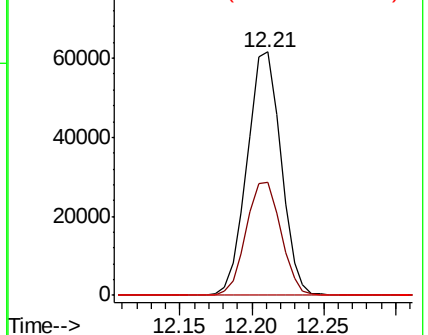
173 100

175 47.6 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: VY000332.D

Acq: 16 Oct 2019 17:17

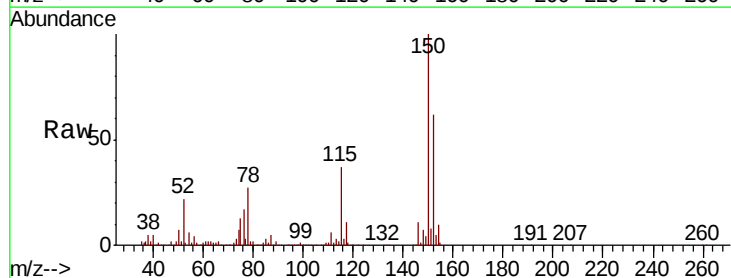
Tgt Ion:152 Resp: 235643

Ion Ratio Lower Upper

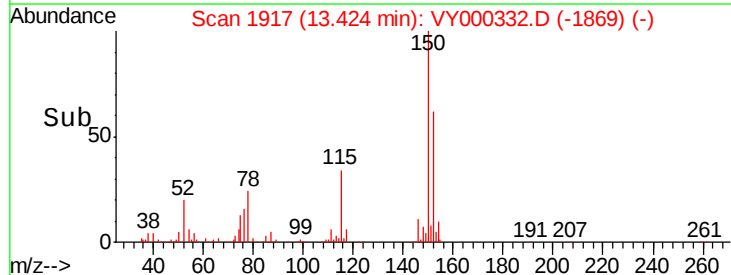
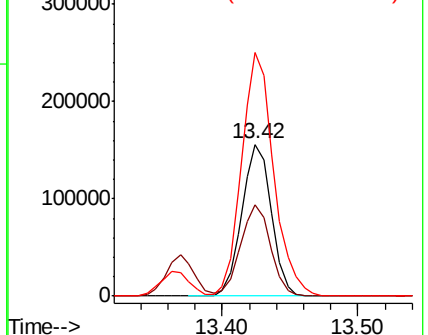
152 100

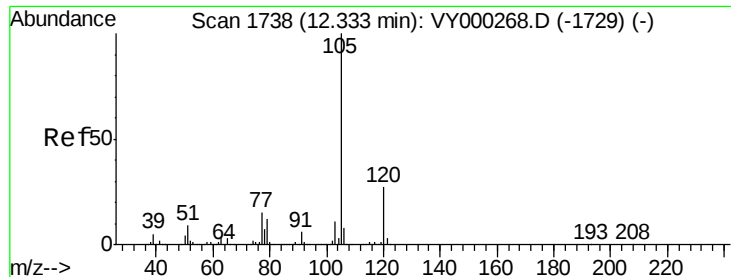
115 60.9 29.3 88.0

150 174.4 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: 47.326 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

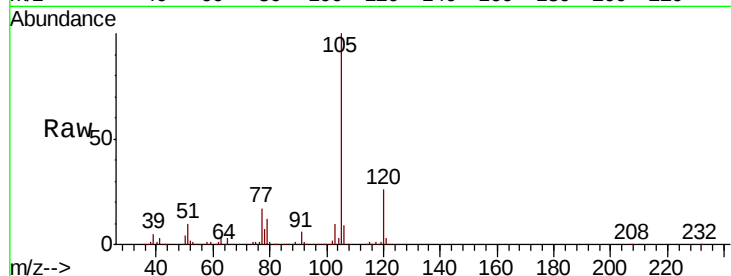
ClientSampleId :

Tot Ion:105 Resp: 869558

Ion Ratio Lower Upper

105 100

120 26.5 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

600000

500000

400000

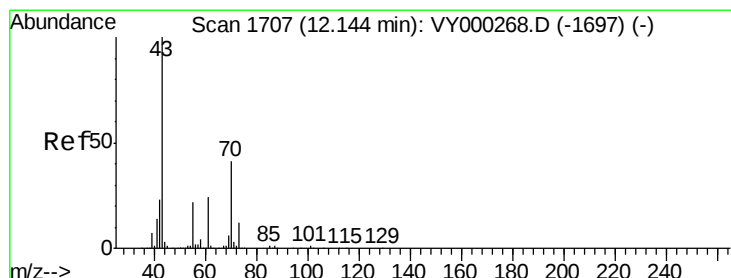
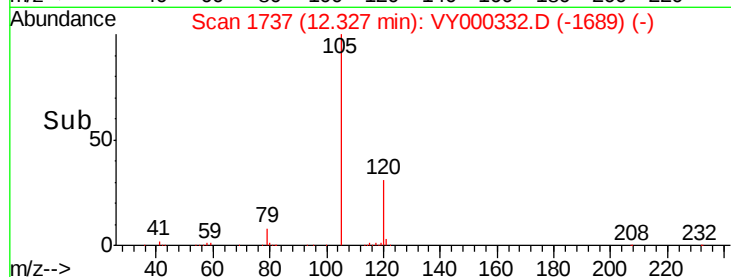
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 59.569 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Tgt Ion: 43 Resp: 268699

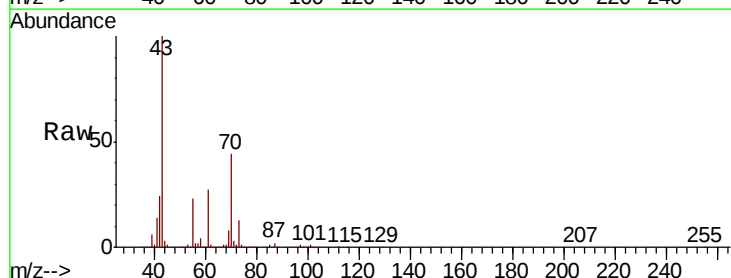
Ion Ratio Lower Upper

43 100

70 43.2 32.9 49.3

55 22.6 17.8 26.6

61 25.4 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

300000

250000

200000

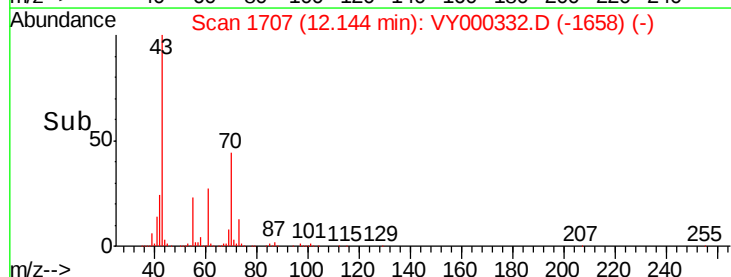
150000

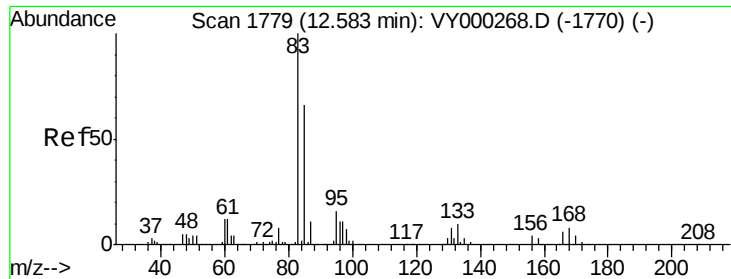
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.352 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampled :

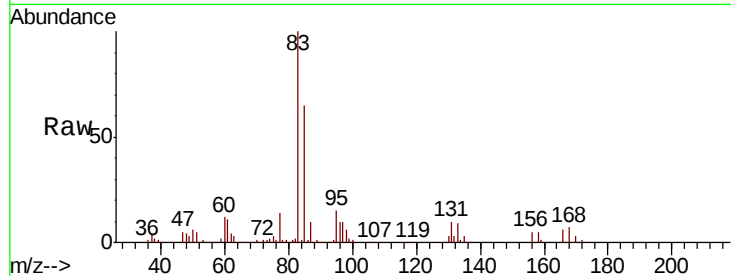
Tot Ion: 83 Resp: 173704

Ion Ratio Lower Upper

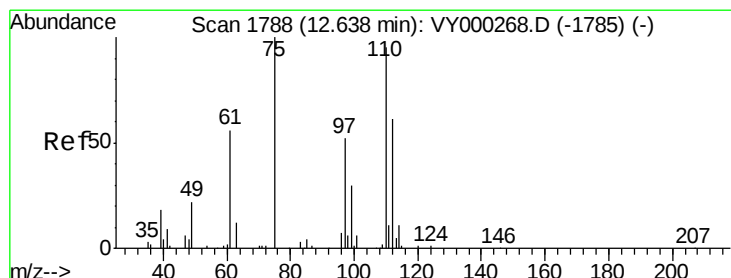
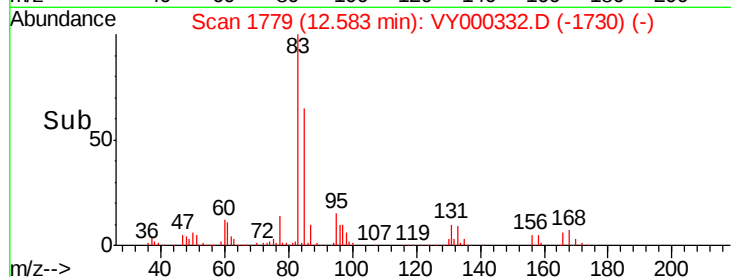
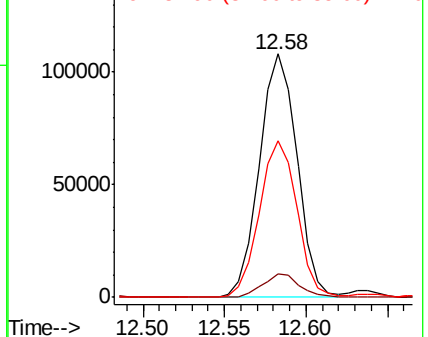
83 100

131 9.7 5.3 16.1

85 64.2 32.9 98.7



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



#76

1,2,3-Trichloropropane

Concen: 83.836 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY000332.D

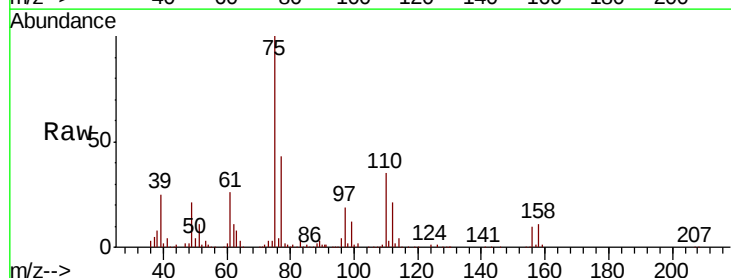
Acq: 16 Oct 2019 17:17

Tgt Ion: 75 Resp: 242923

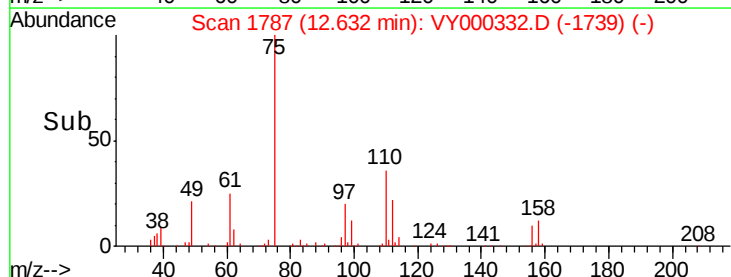
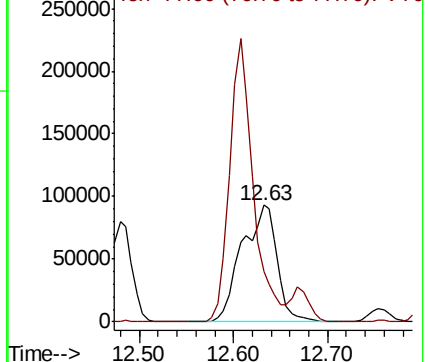
Ion Ratio Lower Upper

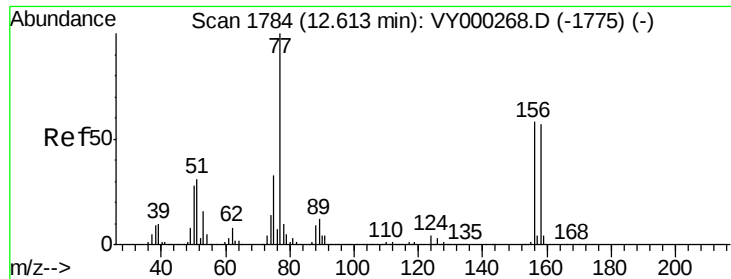
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 46.909 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

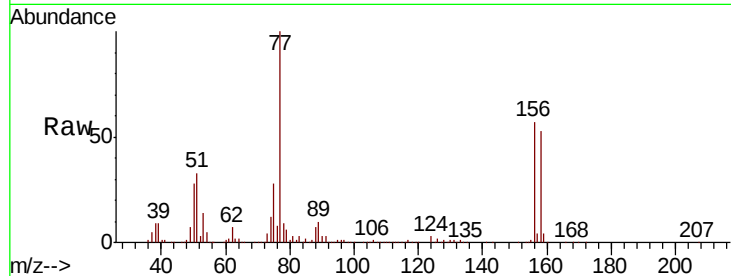
Tot Ion:156 Resp: 191792

Ion Ratio Lower Upper

156 100

77 203.4 101.0 302.9

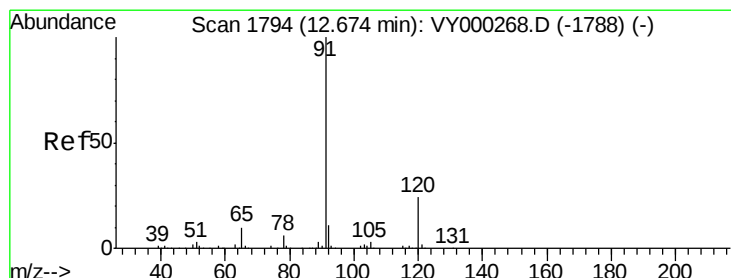
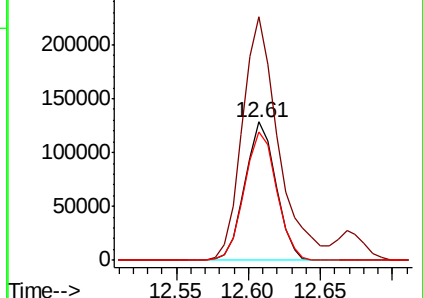
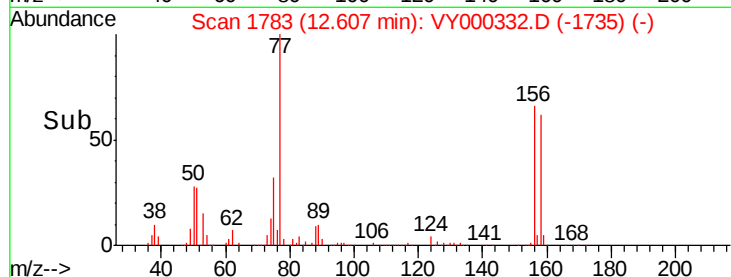
158 96.4 49.7 149.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.008 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000332.D

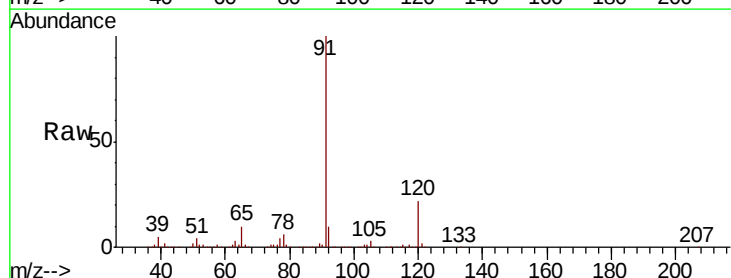
Acq: 16 Oct 2019 17:17

Tgt Ion: 91 Resp: 1059095

Ion Ratio Lower Upper

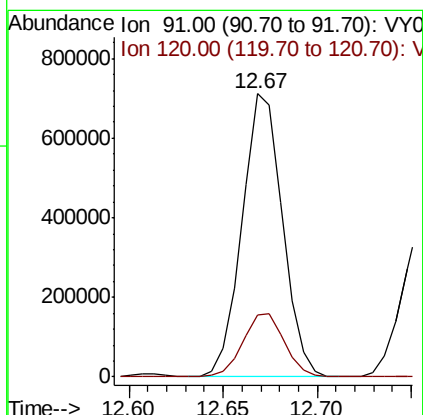
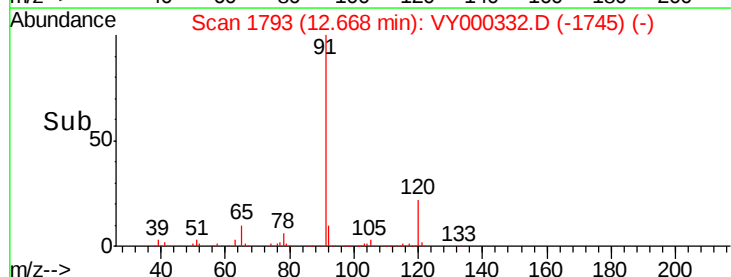
91 100

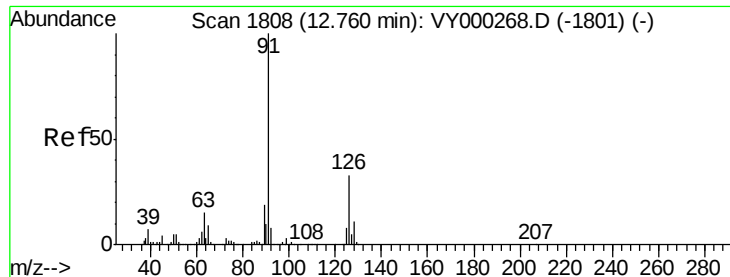
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

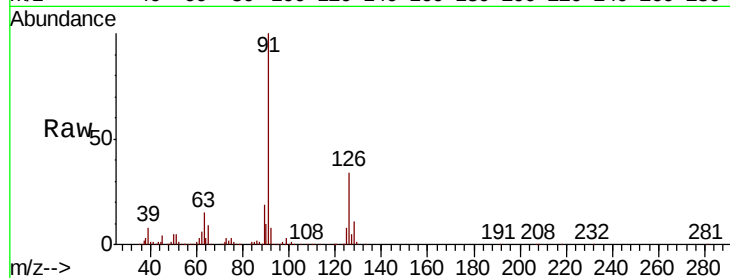




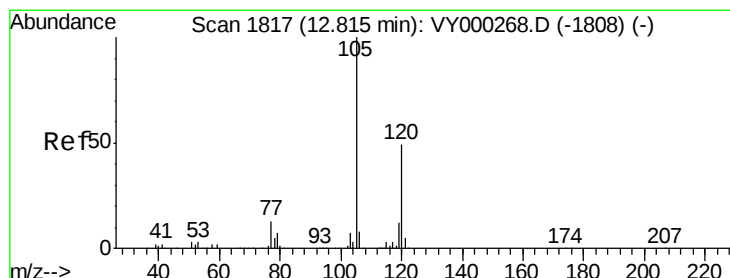
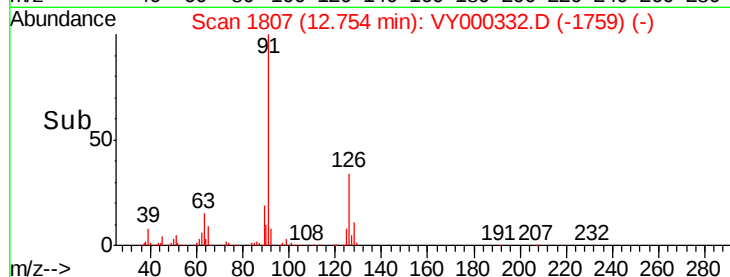
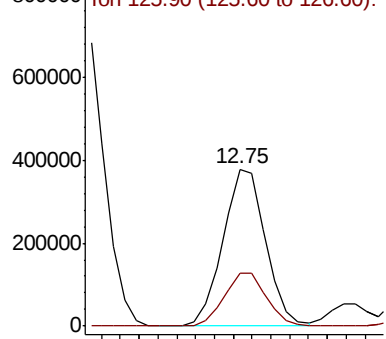
#79
2-Chlorotoluene
Concen: 48.492 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 590797
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.3

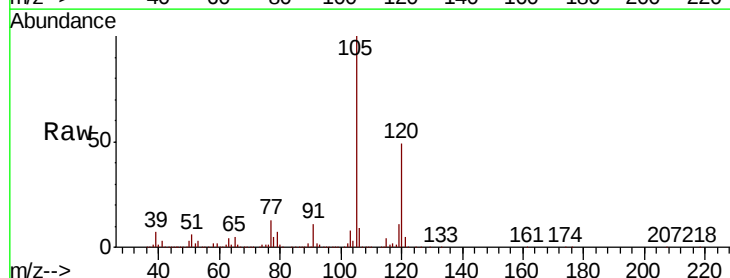


Abundance Ion 91.00 (90.70 to 91.70): VY000332.D (-1759) (-)
Ion 125.90 (125.60 to 126.60): VY000332.D (-1759) (-)

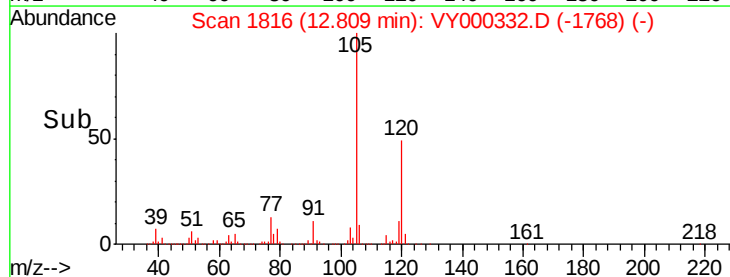
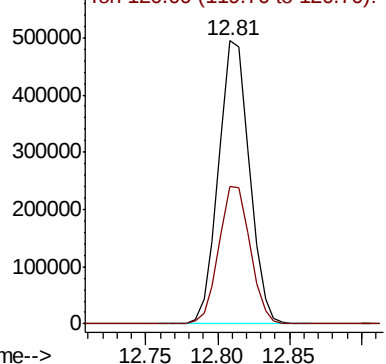


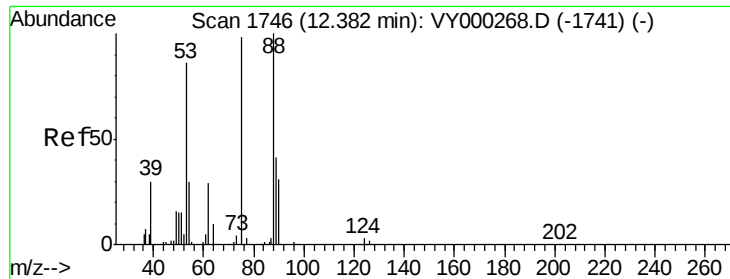
#80
1,3,5-Trimethylbenzene
Concen: 47.433 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion: 105 Resp: 730796
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000332.D (-1768) (-)
Ion 120.00 (119.70 to 120.70): VY000332.D (-1768) (-)

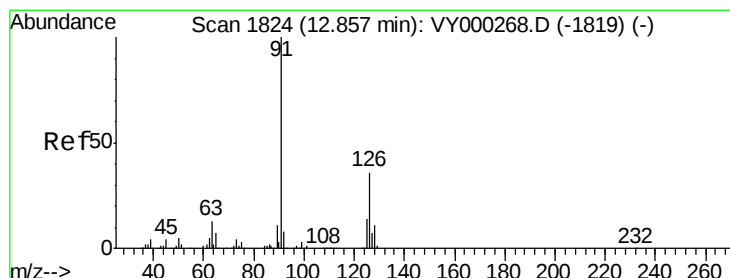
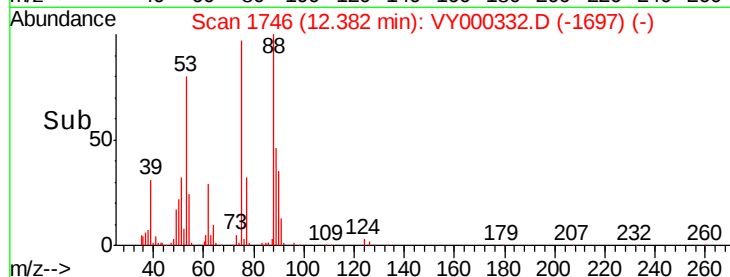
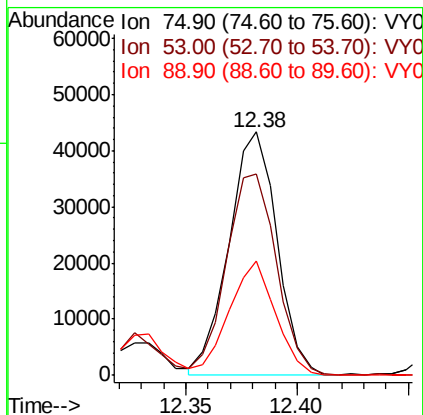
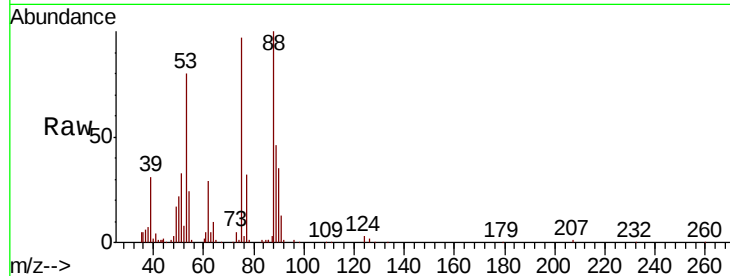




#81
trans-1,4-Dichloro-2-butene
Concen: 49.067 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

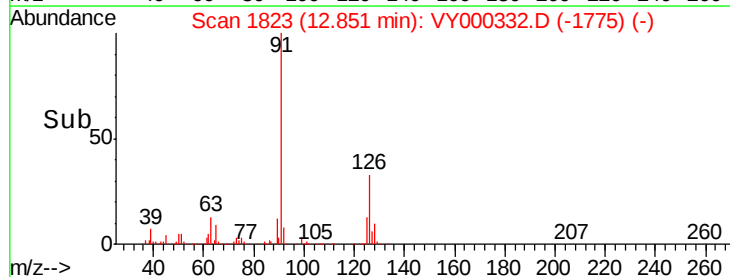
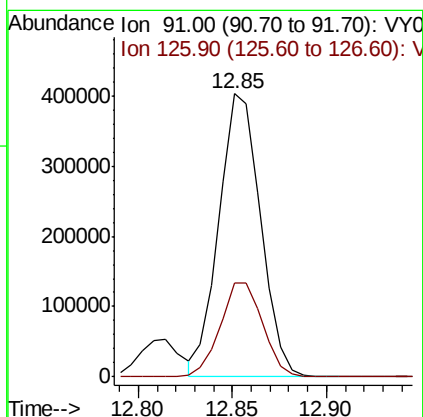
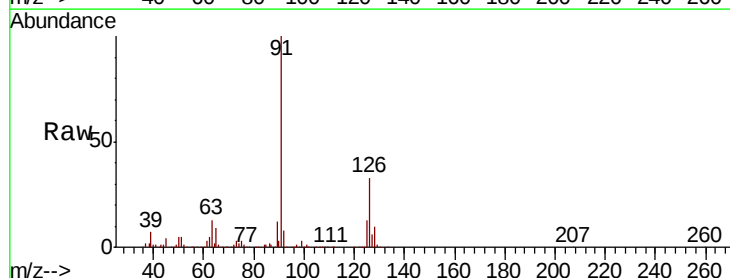
Instrument :
MSVOA_Y
ClientSampled :

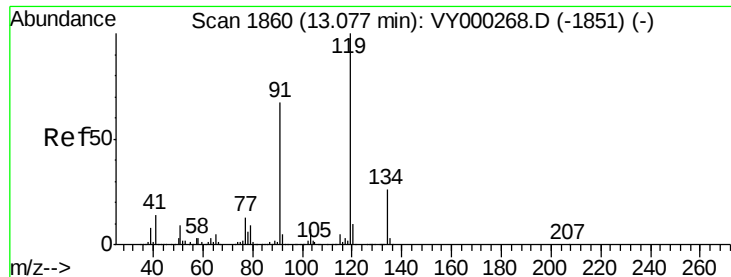
Tot Ion: 75 Resp: 64982
Ion Ratio Lower Upper
75 100
53 86.6 71.3 106.9
89 45.5 35.1 52.7



#82
4-Chlorotoluene
Concen: 47.854 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY000332.D
Acq: 16 Oct 2019 17:17

Tgt Ion: 91 Resp: 616283
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.5





#83

tert-Butylbenzene

Concen: 47.933 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

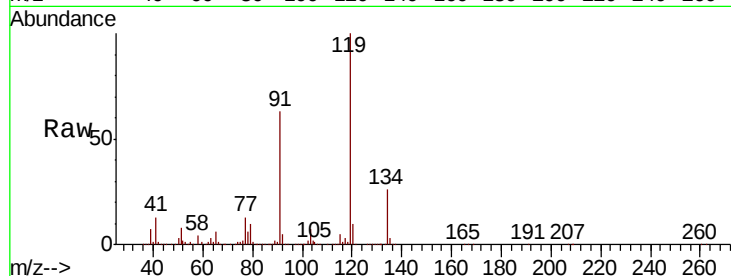
Tot Ion:119 Resp: 625400

Ion Ratio Lower Upper

119 100

91 65.2 32.9 98.7

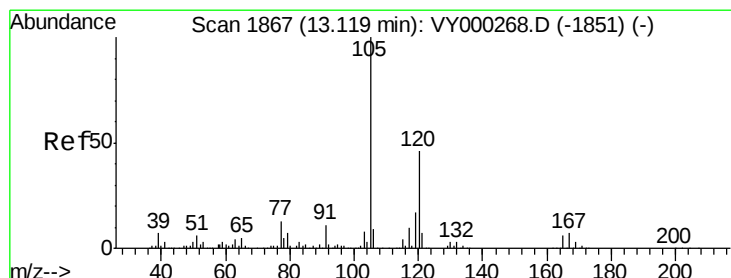
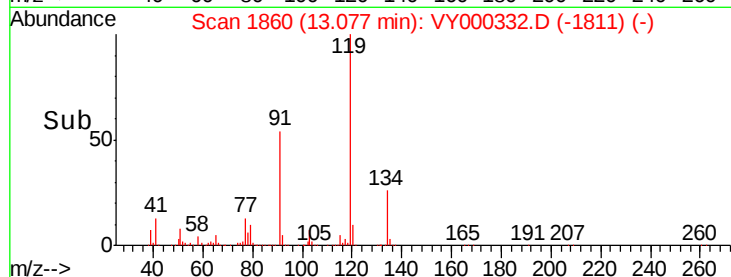
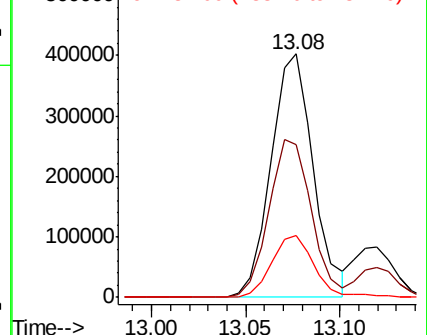
134 26.0 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.777 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY000332.D

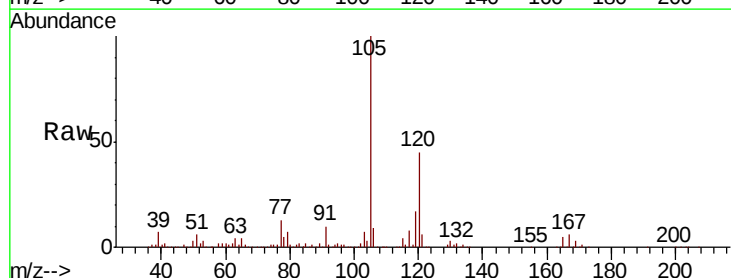
Acq: 16 Oct 2019 17:17

Tgt Ion:105 Resp: 741709

Ion Ratio Lower Upper

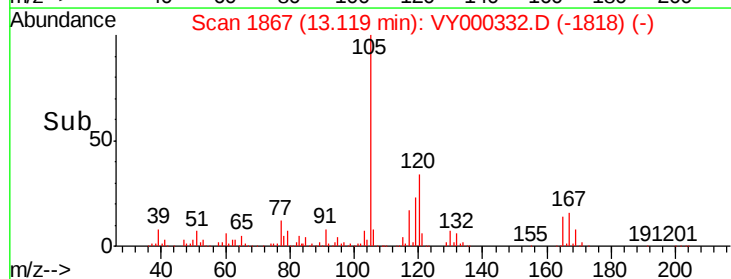
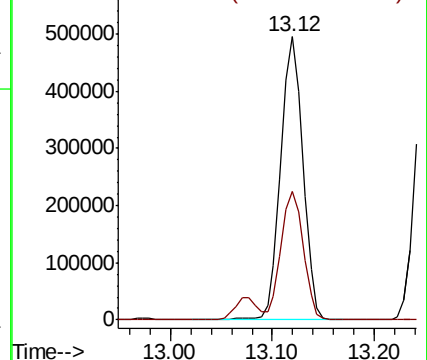
105 100

120 46.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.166 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

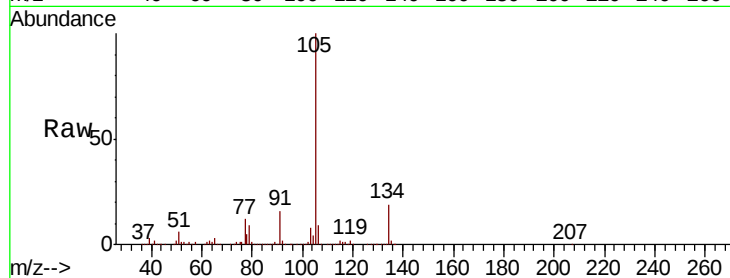
ClientSampleId :

Tot Ion:105 Resp: 909108

Ion Ratio Lower Upper

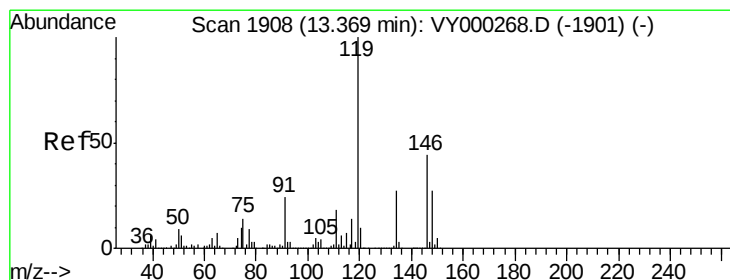
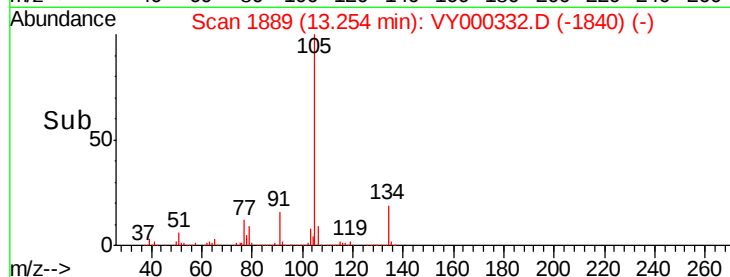
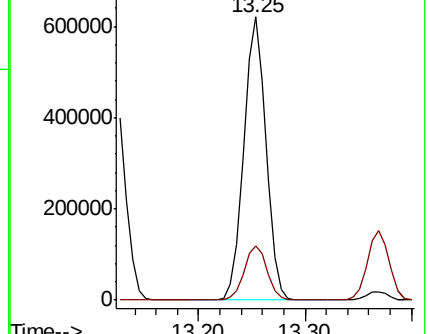
105 100

134 19.6 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.986 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

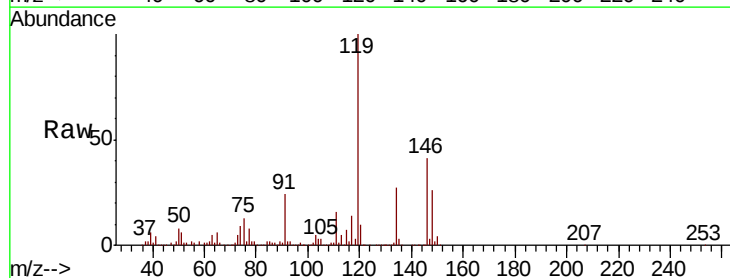
Tgt Ion:119 Resp: 806071

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

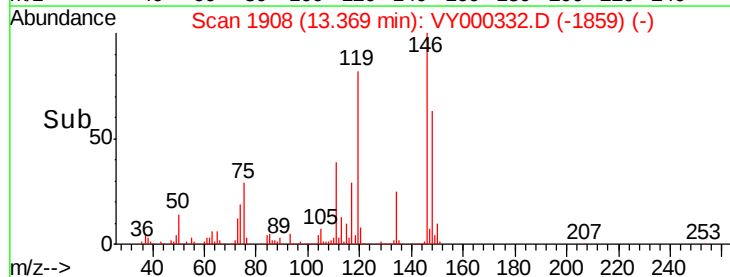
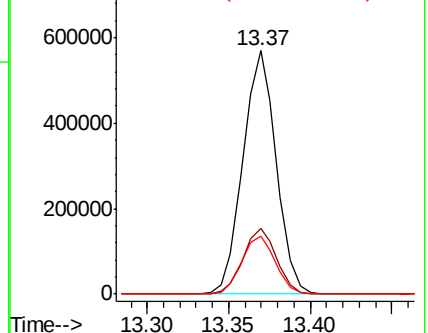
91 24.1 12.0 36.1

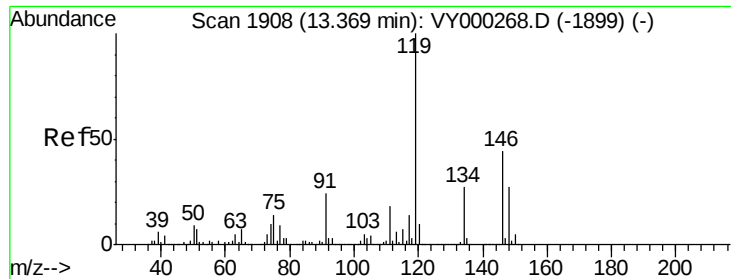


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 47.308 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

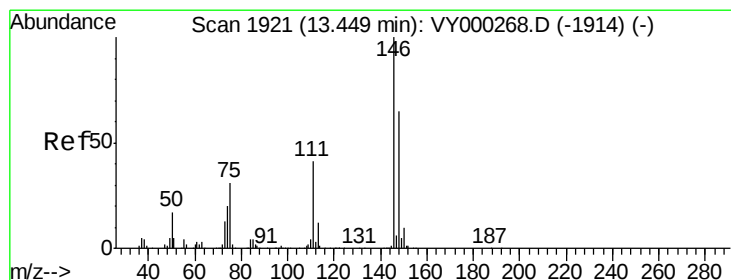
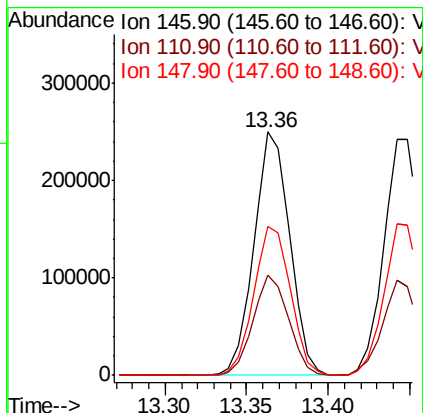
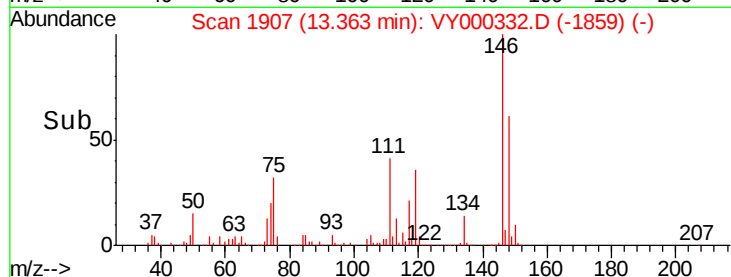
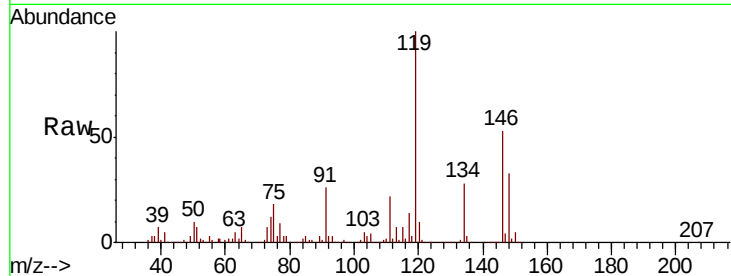
Tot Ion:146 Resp: 381096

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.8

148 63.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 47.539 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

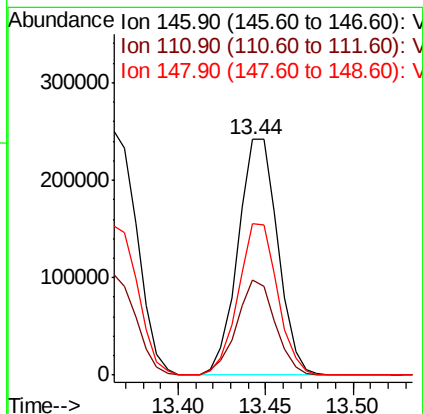
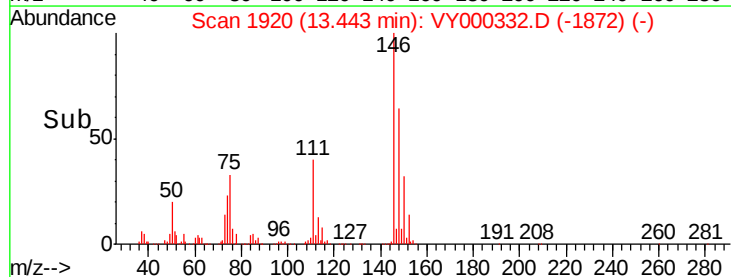
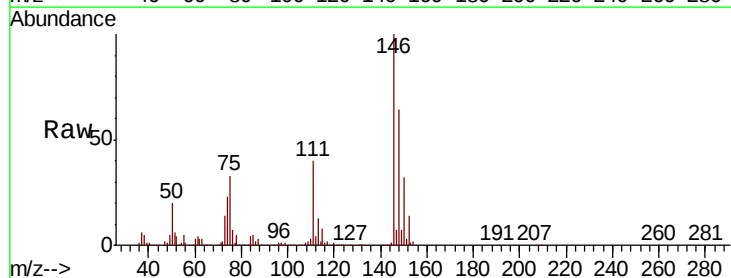
Tgt Ion:146 Resp: 382776

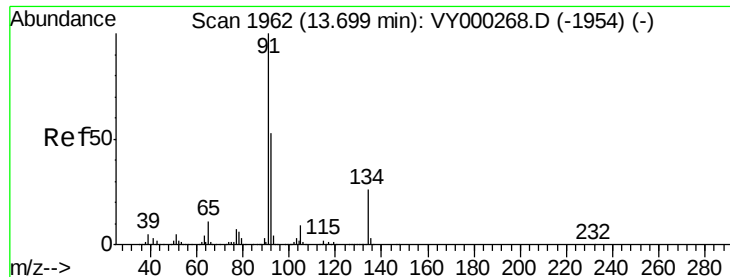
Ion Ratio Lower Upper

146 100

111 39.2 20.1 60.2

148 63.2 32.4 97.2





#89

n-Butylbenzene

Concen: 48.753 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

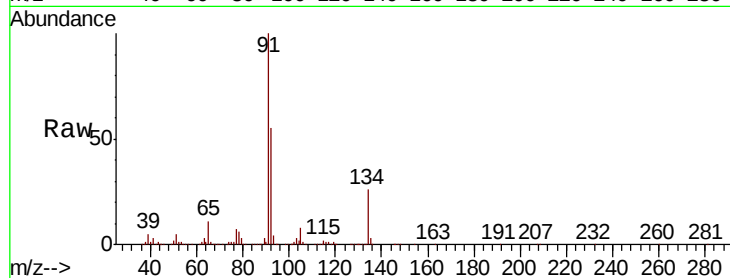
Tot Ion: 91 Resp: 792773

Ion Ratio Lower Upper

91 100

92 54.1 26.7 80.1

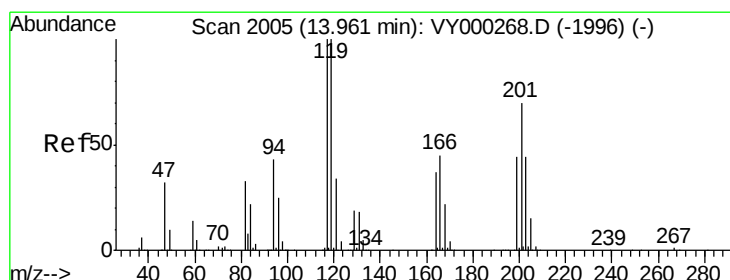
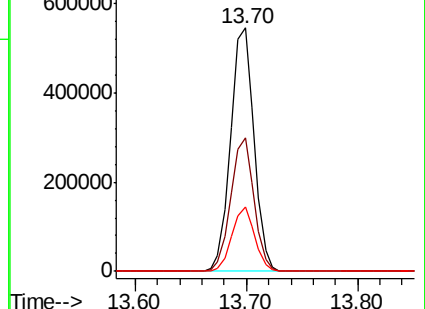
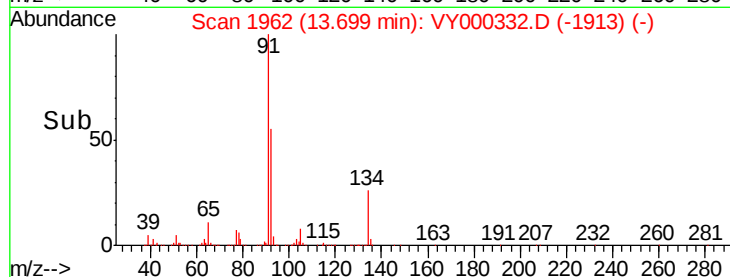
134 25.6 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VY000332.D (-1954) (-)

Ion 92.00 (91.70 to 92.70): VY000332.D (-1954) (-)

Ion 134.00 (133.70 to 134.70): VY000332.D (-1954) (-)



#90

Hexachloroethane

Concen: 48.514 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY000332.D

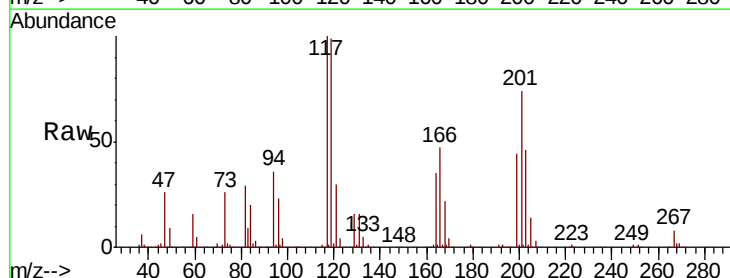
Acq: 16 Oct 2019 17:17

Tgt Ion: 117 Resp: 147822

Ion Ratio Lower Upper

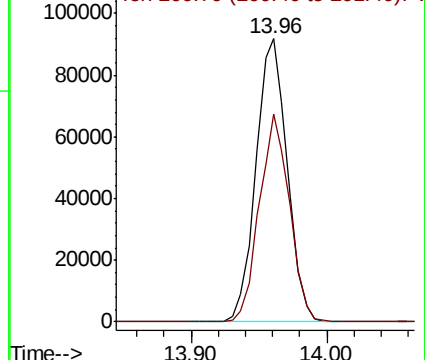
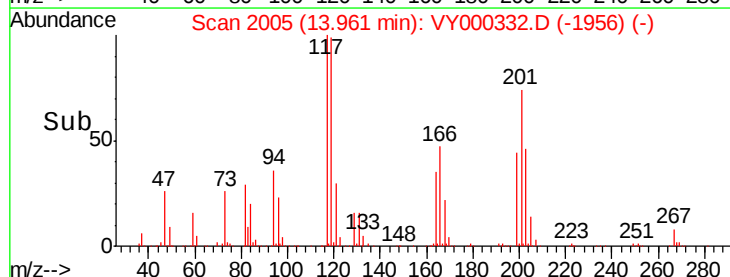
117 100

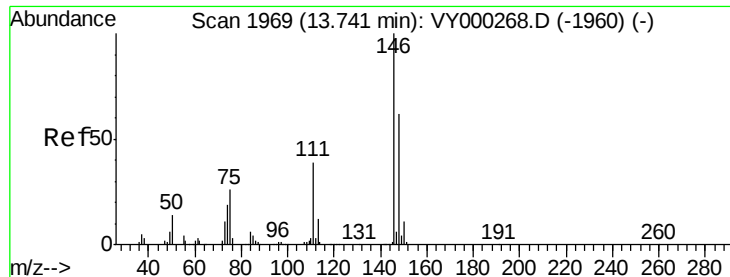
201 71.0 36.3 108.7



Abundance Ion 116.80 (116.50 to 117.50): VY000332.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY000332.D (-1956) (-)





#91

1,2-Dichlorobenzene

Concen: 48.625 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

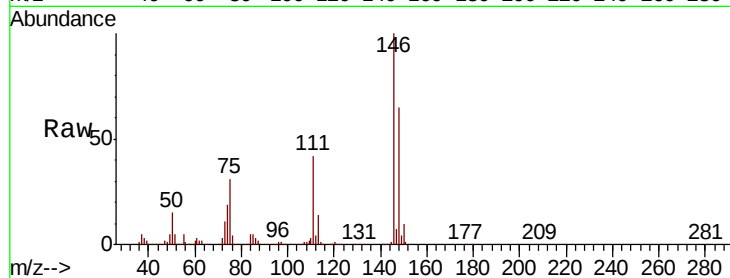
Tot Ion:146 Resp: 354489

Ion Ratio Lower Upper

146 100

111 42.0 20.5 61.5

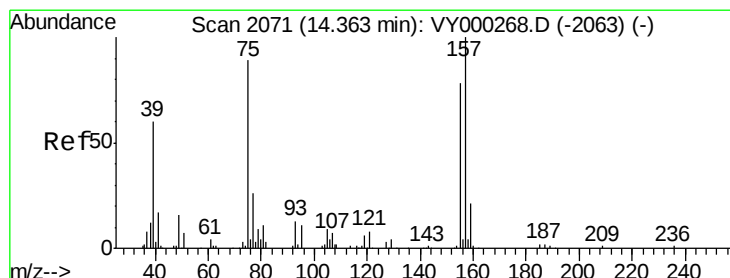
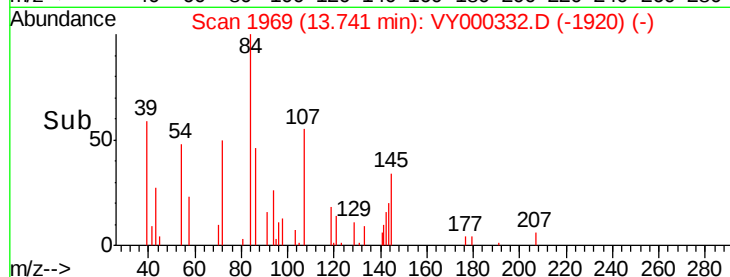
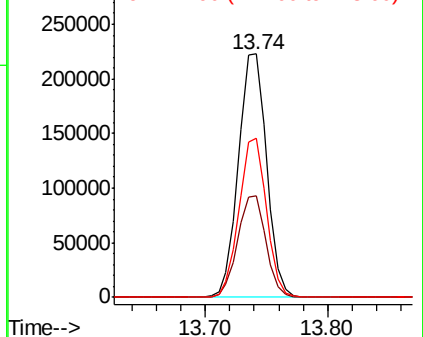
148 63.8 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.714 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

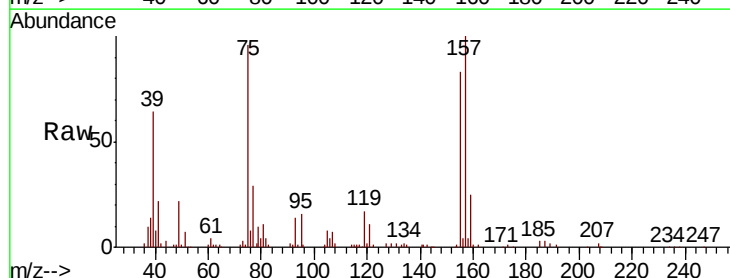
Tgt Ion: 75 Resp: 31873

Ion Ratio Lower Upper

75 100

155 84.6 45.8 137.3

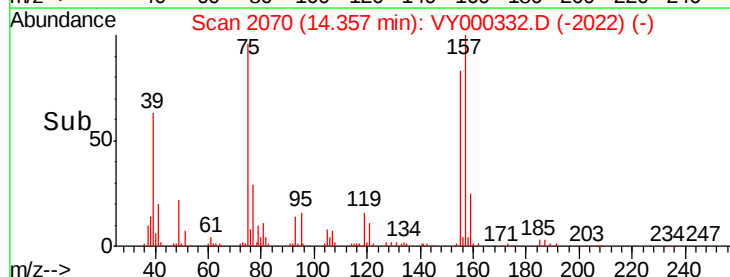
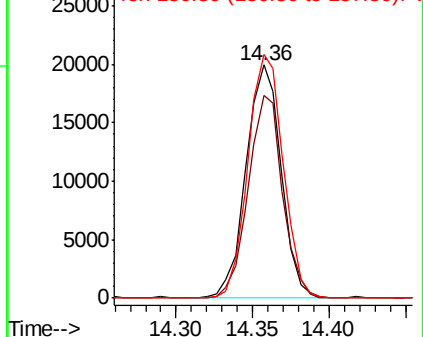
157 104.4 55.6 166.9

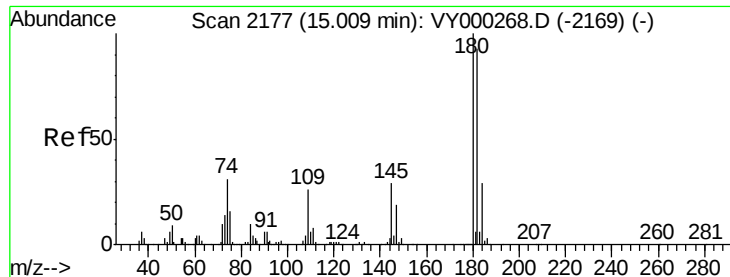


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

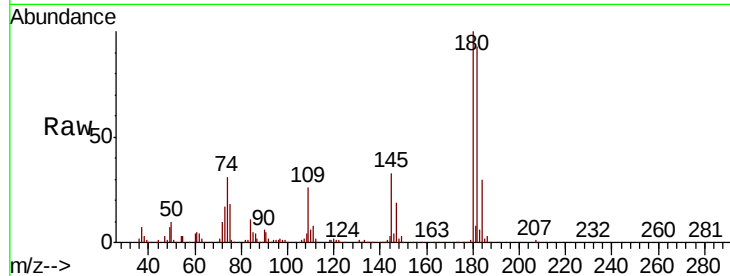




#93
 1,2,4-Trichlorobenzene
 Concen: 47.466 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.6
145	31.5	15.4	46.1

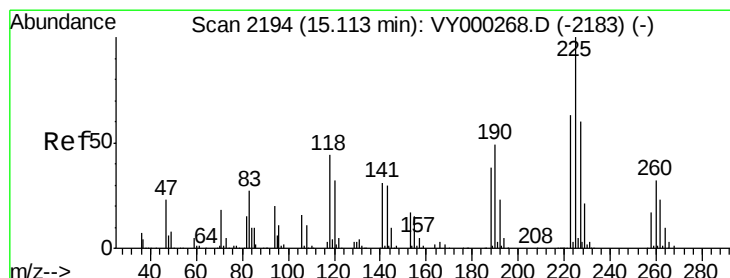
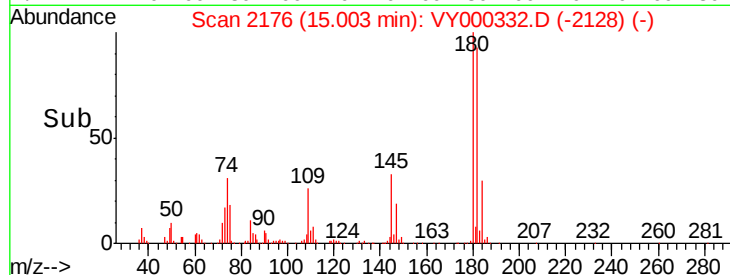
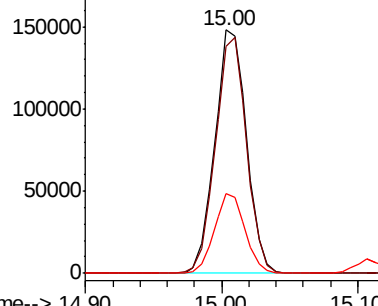


Abundance

Ion 179.80 (179.50 to 180.50): V

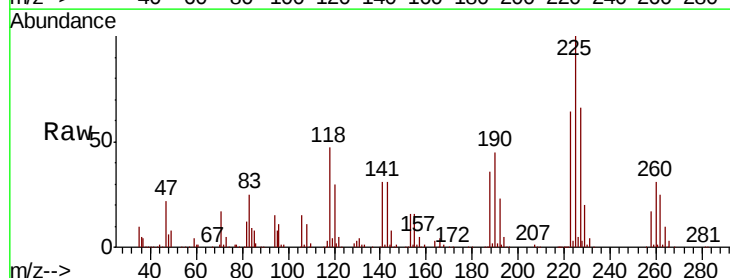
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 45.375 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY000332.D
 Acq: 16 Oct 2019 17:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.9	95.7
227	63.8	31.4	94.2

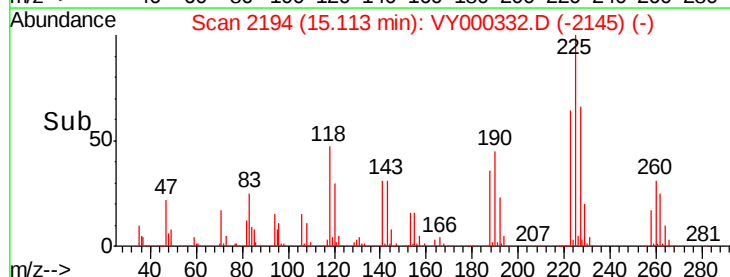
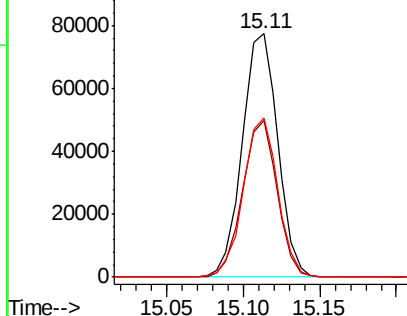


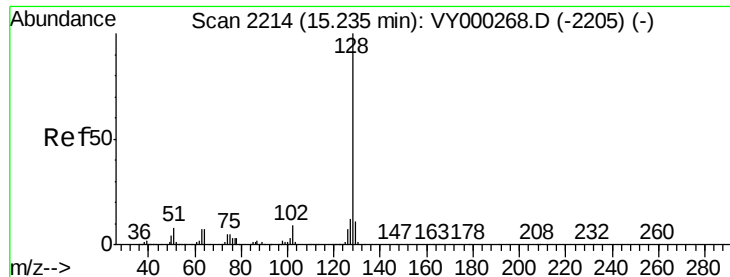
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 49.044 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

Instrument :

MSVOA_Y

ClientSampleId :

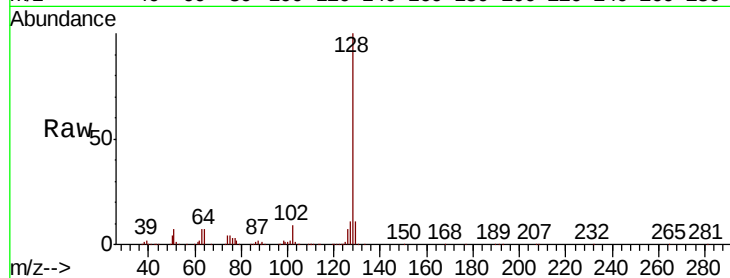
Tot Ion:128 Resp: 55527

Ion Ratio Lower Upper

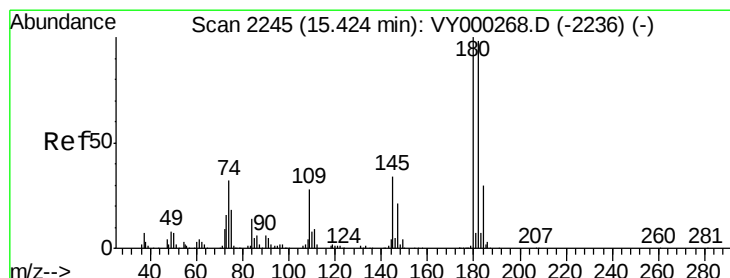
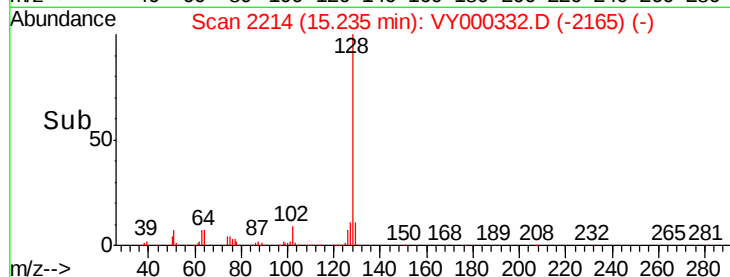
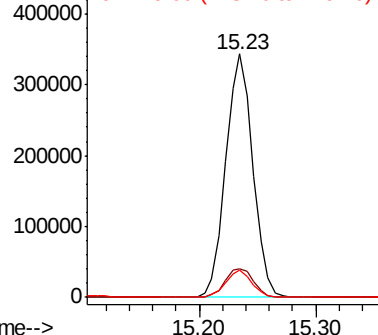
128 100

127 12.5 9.6 14.4

129 10.7 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 48.381 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY000332.D

Acq: 16 Oct 2019 17:17

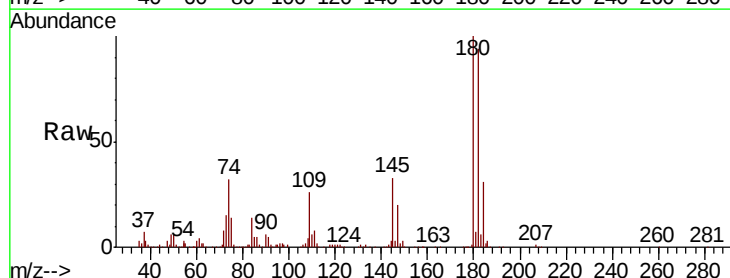
Tgt Ion:180 Resp: 221321

Ion Ratio Lower Upper

180 100

182 94.5 46.5 139.5

145 31.3 16.2 48.5



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

