

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100319\
 Data File : VY000186.D
 Acq On : 03 Oct 2019 16:24
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Quant Time: Oct 04 05:38:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 04 05:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	411825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	615074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	552186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	273982	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	422162	98.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.14%	
35) Dibromofluoromethane	7.73	113	381756	100.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.10%	
50) Toluene-d8	10.19	98	1475658	101.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.92%	
62) 4-Bromofluorobenzene	12.48	95	514342	101.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	375765	137.043	ug/l	98
3) Chloromethane	2.12	50	407109	143.269	ug/l	99
4) Vinyl Chloride	2.25	62	469924	152.519	ug/l	97
5) Bromomethane	2.62	94	258009	128.212	ug/l	100
6) Chloroethane	2.77	64	292724	136.358	ug/l	96
7) Trichlorofluoromethane	3.11	101	666074	135.462	ug/l	99
8) Diethyl Ether	3.53	74	264032	121.333	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	395210	127.138	ug/l	100
10) Methyl Iodide	4.09	142	717399	169.850	ug/l	99
11) Tert butyl alcohol	4.98	59	1030028	499.261	ug/l	100
12) 1,1-Dichloroethene	3.86	96	407253	139.348	ug/l	94
13) Acrolein	3.73	56	414011	465.785	ug/l	99
14) Allyl chloride	4.48	41	670120	164.581	ug/l #	83
15) Acrylonitrile	5.17	53	1877919	566.689	ug/l	100
16) Acetone	3.95	43	1493090	542.944	ug/l	99
17) Carbon Disulfide	4.19	76	1135425	192.866	ug/l	98
18) Methyl Acetate	4.48	43	818332	106.533	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	1343156	113.875	ug/l	98
20) Methylene Chloride	4.72	84	433384	120.387	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	444087	140.888	ug/l	95
22) Diisopropyl ether	6.13	45	1323256	122.526	ug/l	96
23) Vinyl Acetate	6.07	43	6210443	668.782	ug/l	98
24) 1,1-Dichloroethane	6.02	63	700420	121.216	ug/l	97
25) 2-Butanone	7.00	43	2771861	566.943	ug/l	100
26) 2,2-Dichloropropane	6.99	77	669003	119.020	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	500608	120.772	ug/l	98
28) Bromochloromethane	7.34	49	228564	100.528	ug/l	94
29) Tetrahydrofuran	7.36	42	2003276	614.115	ug/l	98
30) Chloroform	7.52	83	759023	114.668	ug/l	99
31) Cyclohexane	7.78	56	680611	160.674	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	693942	122.872	ug/l	99
36) 1,1-Dichloropropene	7.93	75	583728	144.909	ug/l	99
37) Ethyl Acetate	7.09	43	932402	123.825	ug/l	99
38) Carbon Tetrachloride	7.91	117	640912	129.780	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100319\
 Data File : VY000186.D
 Acq On : 03 Oct 2019 16:24
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 04 05:38:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 04 05:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	771966	162.386	ug/l	99
40) Benzene	8.17	78	1768290	132.369	ug/l	97
41) Methacrylonitrile	7.35	41	1523474	426.756	ug/l #	15
42) 1,2-Dichloroethane	8.25	62	569209	122.549	ug/l	100
43) Isopropyl Acetate	8.28	43	1224295	120.571	ug/l	99
44) Trichloroethene	8.94	130	529217	126.939	ug/l	92
45) 1,2-Dichloropropane	9.22	63	413635	120.729	ug/l	99
46) Dibromomethane	9.31	93	309776	121.478	ug/l	98
47) Bromodichloromethane	9.50	83	611676	117.417	ug/l	96
48) Methyl methacrylate	9.30	41	544666	120.394	ug/l	97
49) 1,4-Dioxane	9.30	88	305516	2166.258	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	4613650	576.279	ug/l	99
52) Toluene	10.25	92	1179717	133.522	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	704050	123.079	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	750862	125.877	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	452475	111.372	ug/l	99
56) Ethyl methacrylate	10.52	69	759592	120.466	ug/l	99
57) 1,3-Dichloropropane	10.80	76	739753	116.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	1691025	525.581	ug/l	98
59) 2-Hexanone	10.84	43	3911726	579.995	ug/l	100
60) Dibromochloromethane	10.99	129	530297	113.468	ug/l	99
61) 1,2-Dibromoethane	11.09	107	496999	120.652	ug/l	100
64) Tetrachloroethene	10.72	164	530801	123.417	ug/l	99
65) Chlorobenzene	11.52	112	1257360	120.064	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	463560	107.343	ug/l	99
67) Ethyl Benzene	11.60	91	2208711	126.410	ug/l	100
68) m/p-Xylenes	11.70	106	1758639	253.667	ug/l	98
69) o-Xylene	12.03	106	836004	120.320	ug/l	96
70) Styrene	12.05	104	1440720	120.402	ug/l	99
71) Bromoform	12.21	173	425581	106.980	ug/l #	100
73) Isopropylbenzene	12.33	105	2212382	122.223	ug/l	99
74) N-amyl acetate	12.14	43	995218	124.952	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	674477	104.997	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	1038370	216.149	ug/l #	100
77) Bromobenzene	12.61	156	550444	110.502	ug/l	97
78) n-propylbenzene	12.67	91	2538691	125.426	ug/l	99
79) 2-Chlorotoluene	12.75	91	1414525	118.610	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	1845643	121.593	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	313145	116.708	ug/l #	86
82) 4-Chlorotoluene	12.86	91	1471339	115.873	ug/l	100
83) tert-Butylbenzene	13.08	119	1596965	115.430	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1834071	121.746	ug/l	99
85) sec-Butylbenzene	13.25	105	2212370	119.480	ug/l	99
86) p-Isopropyltoluene	13.37	119	2035029	119.816	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	1000360	111.204	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	1011140	107.966	ug/l	99
89) n-Butylbenzene	13.70	91	1858542	124.584	ug/l	100
90) Hexachloroethane	13.96	117	380145	112.934	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	971180	106.255	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	231136	107.230	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100319\
Data File : VY000186.D
Acq On : 03 Oct 2019 16:24
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.0ml/MSVOA_Y/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Oct 04 05:38:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 04 05:30:54 2019
Response via : Initial Calibration

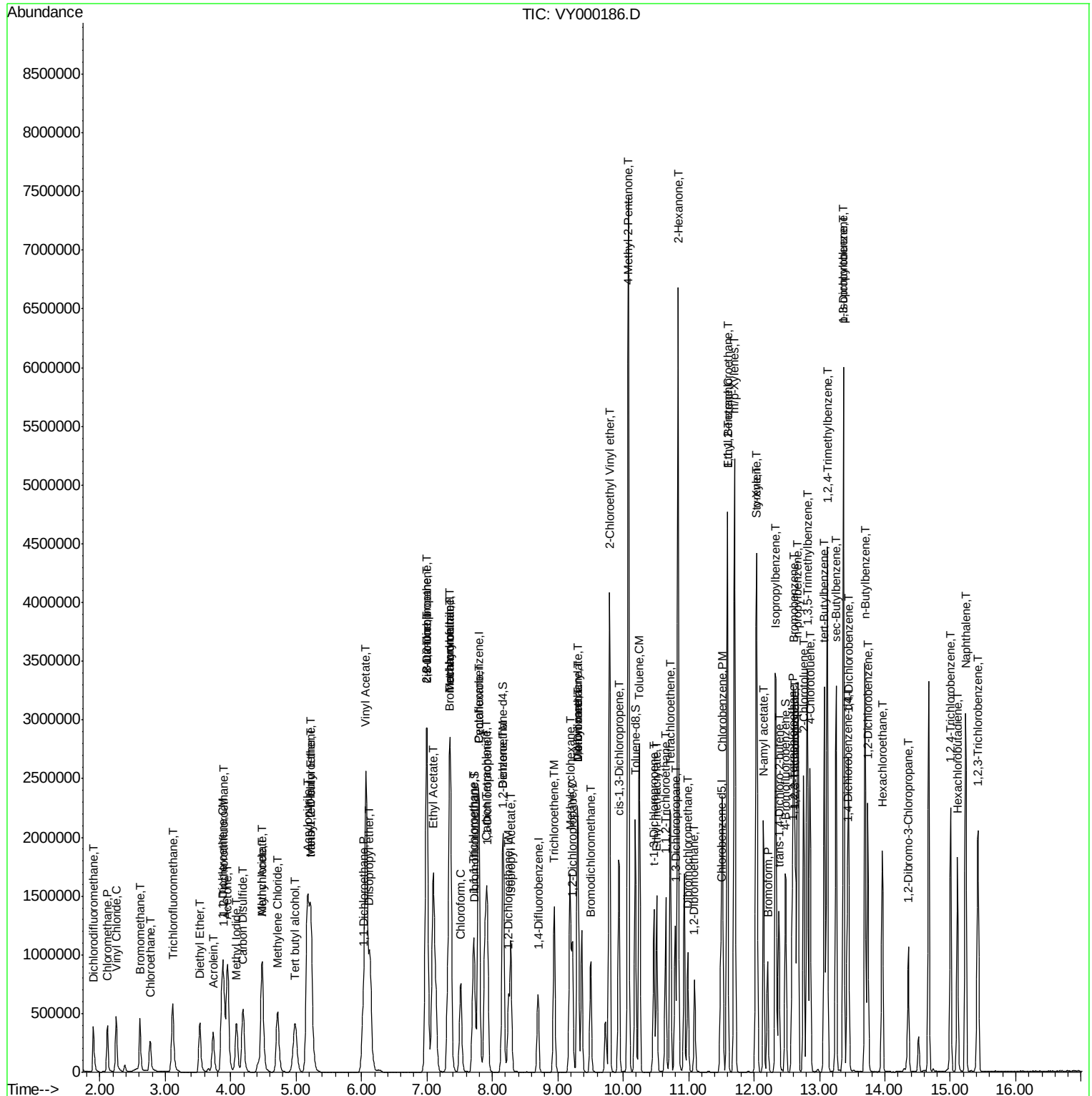
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	719720	107.582	ug/l	99
94) Hexachlorobutadiene	15.11	225	353693	113.777	ug/l	99
95) Naphthalene	15.23	128	2556527	108.232	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	711921	107.579	ug/l	100

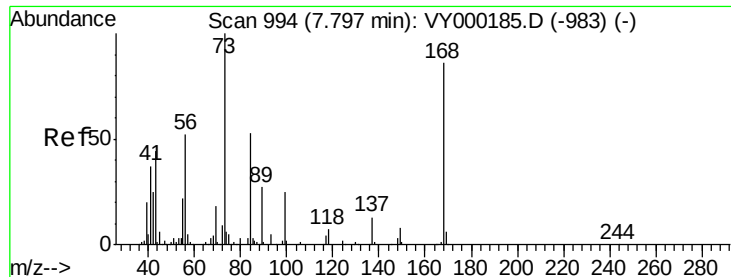
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY100319\
 Data File : VY000186.D
 Acq On : 03 Oct 2019 16:24
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0ml/MSVOA_Y/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 04 05:38:30 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 04 05:30:54 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

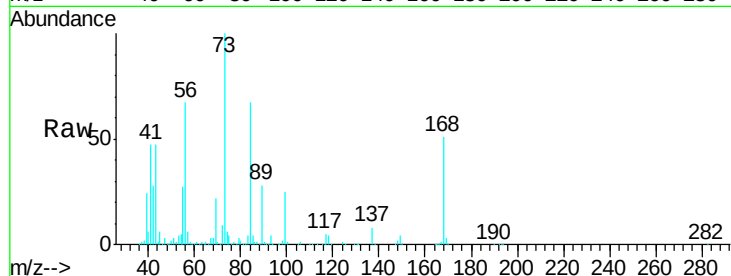
VSTDIC100

Tgt Ion:168 Resp: 411825

Ion Ratio Lower Upper

168 100

99 49.0 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VY000185.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000185.D (-983) (-)

7.80

200000

150000

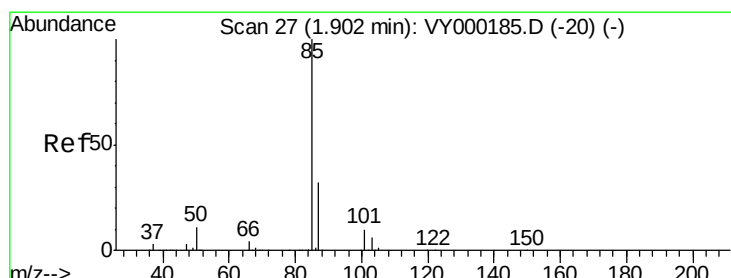
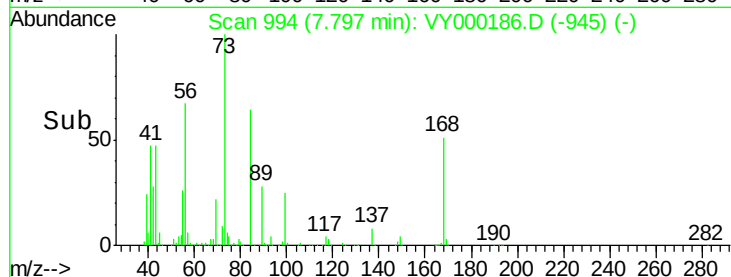
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 137.043 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000186.D

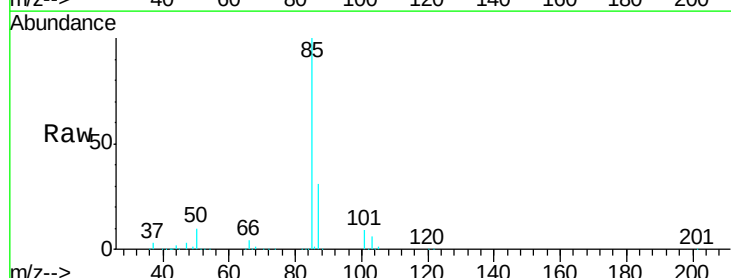
Acq: 03 Oct 2019 16:24

Tgt Ion: 85 Resp: 375765

Ion Ratio Lower Upper

85 100

87 31.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY000185.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000185.D (-20) (-)

1.90

250000

200000

150000

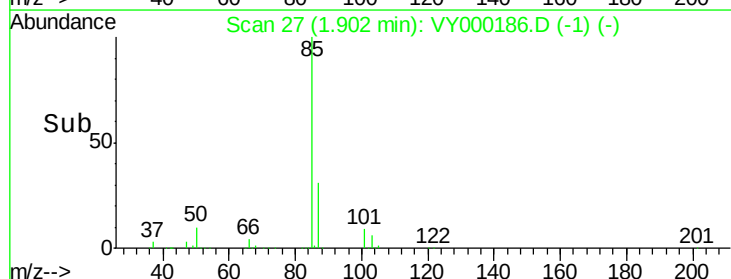
100000

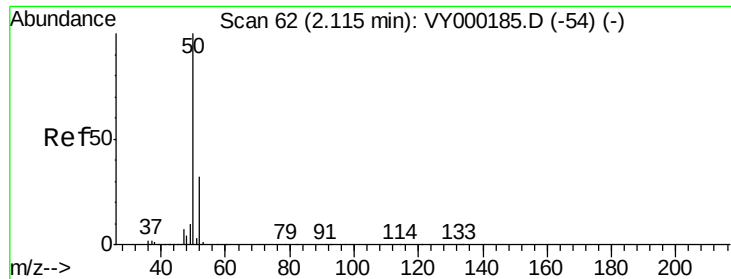
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 143.269 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

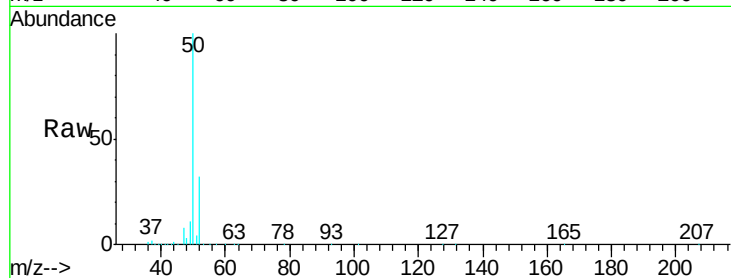
VSTDIC100

Tgt Ion: 50 Resp: 407109

Ion Ratio Lower Upper

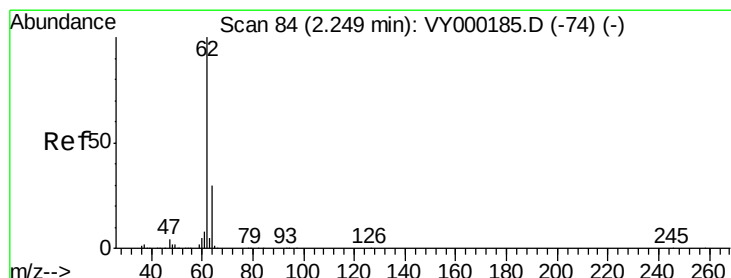
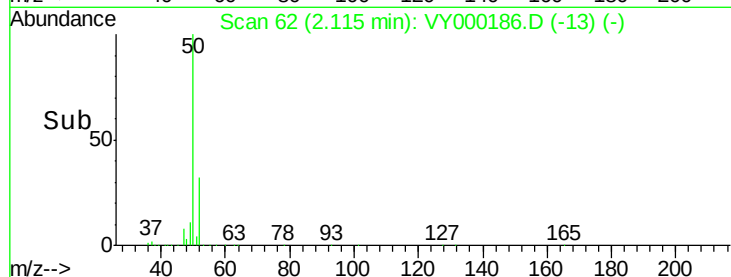
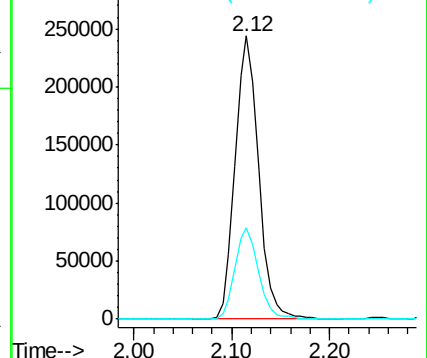
50 100

52 32.3 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 152.519 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000186.D

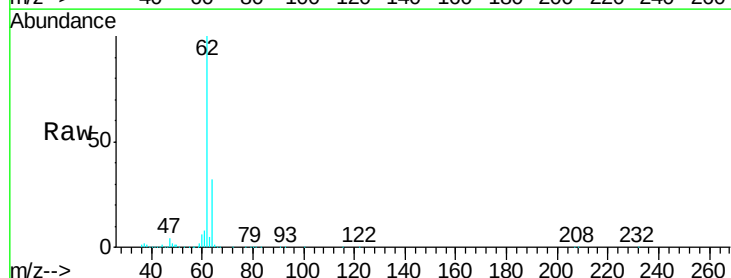
Acq: 03 Oct 2019 16:24

Tgt Ion: 62 Resp: 469924

Ion Ratio Lower Upper

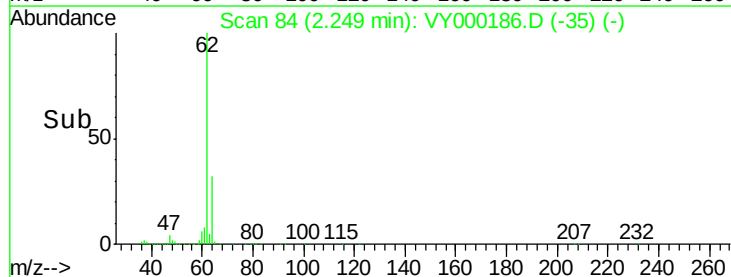
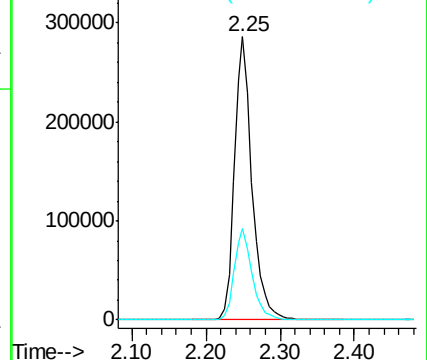
62 100

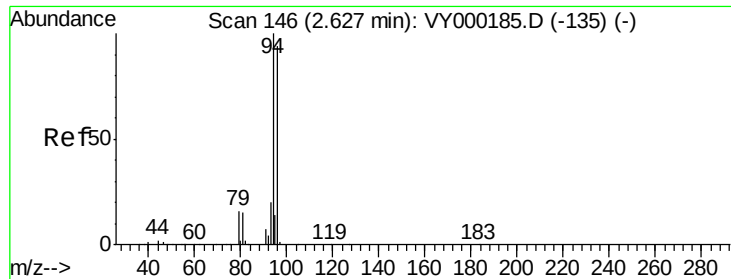
64 32.1 24.3 36.5



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 128.212 ug/l

RT: 2.62 min Scan# 144

Delta R.T. -0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

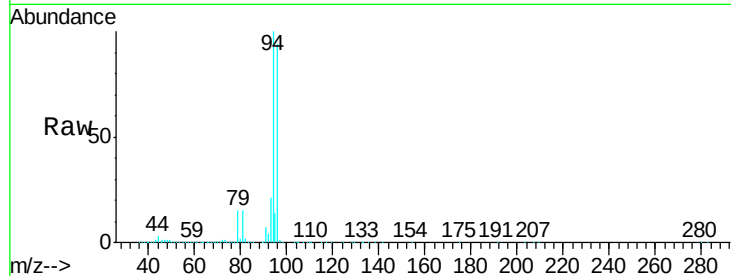
VSTDIC100

Tgt Ion: 94 Resp: 258009

Ion Ratio Lower Upper

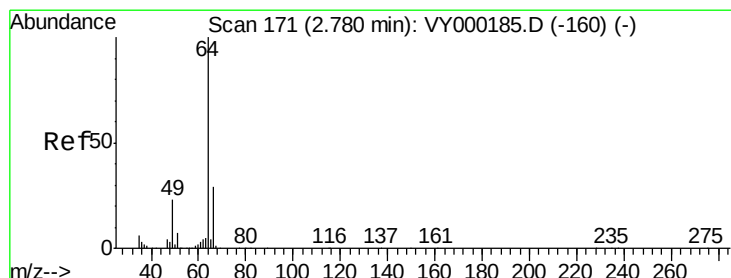
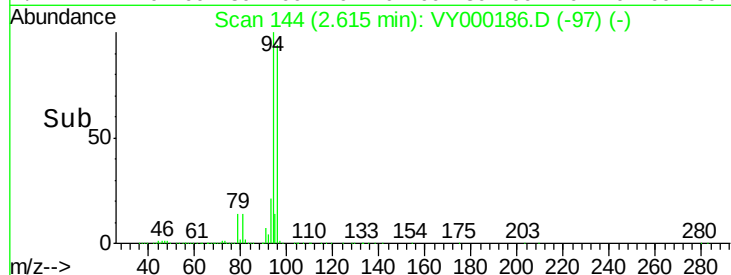
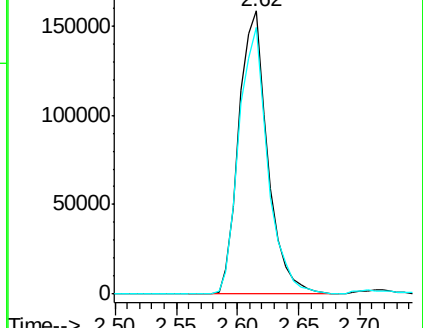
94 100

96 94.2 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 136.358 ug/l

RT: 2.77 min Scan# 169

Delta R.T. -0.01 min

Lab File: VY000186.D

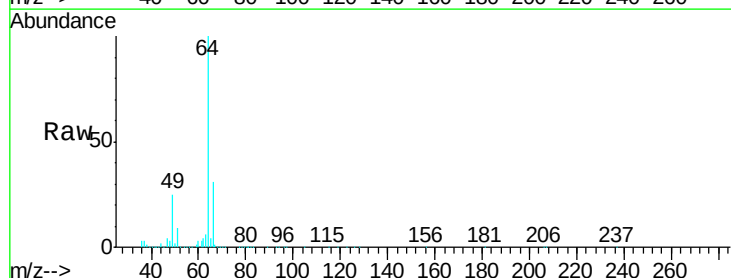
Acq: 03 Oct 2019 16:24

Tgt Ion: 64 Resp: 292724

Ion Ratio Lower Upper

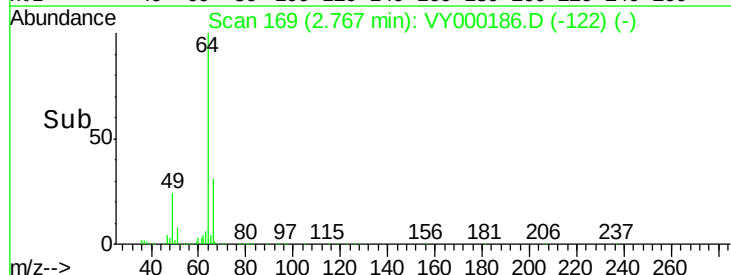
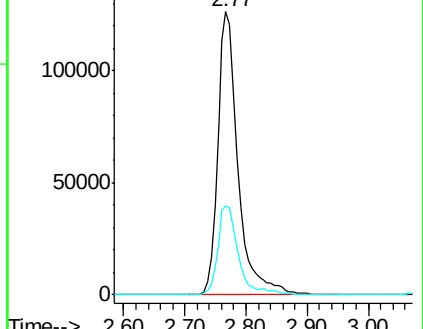
64 100

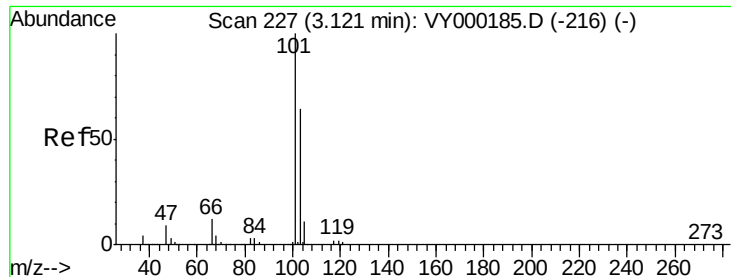
66 31.2 23.1 34.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



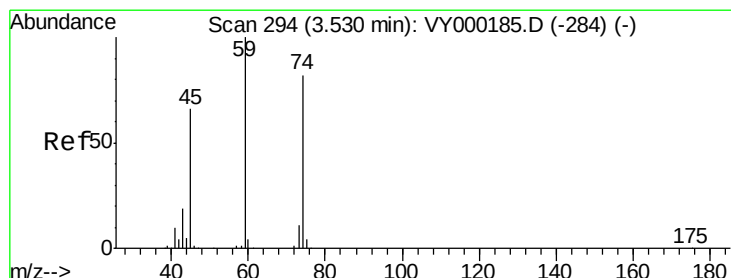
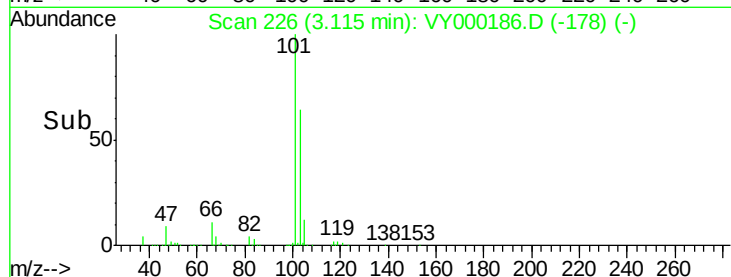
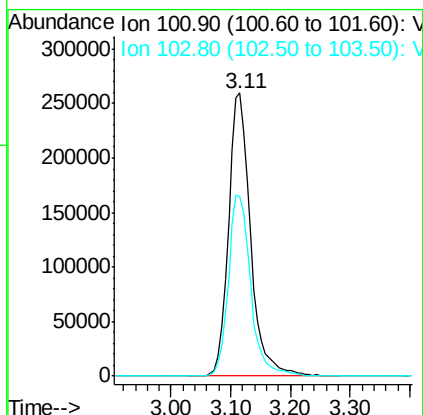
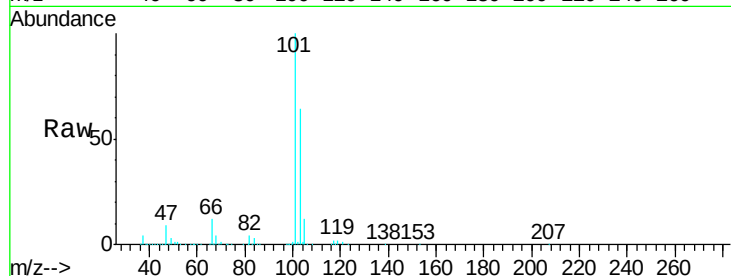


#7

Trichlorofluoromethane
 Concen: 135.462 ug/l
 RT: 3.11 min Scan# 226
 Delta R.T. -0.01 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

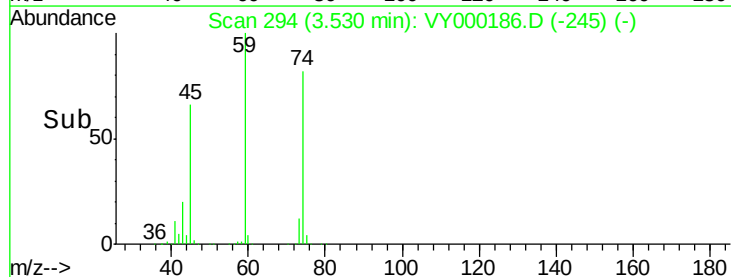
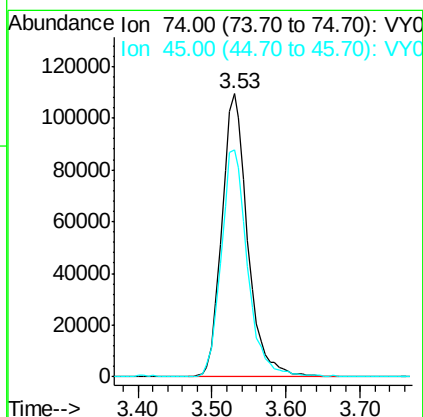
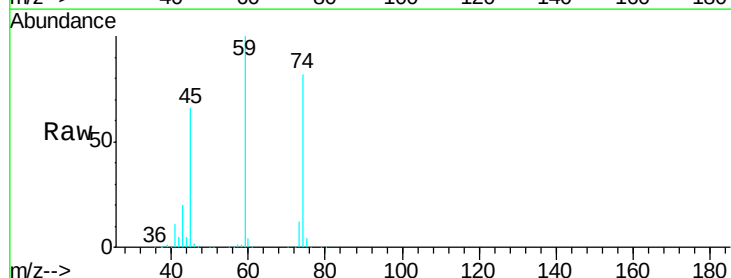
Tgt Ion: 101 Resp: 666074
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.3 76.9

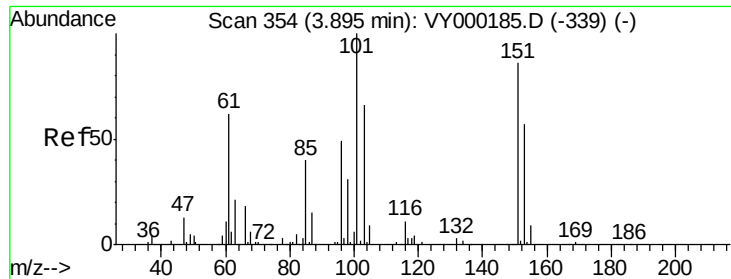


#8

Diethyl Ether
 Concen: 121.333 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion: 74 Resp: 264032
 Ion Ratio Lower Upper
 74 100
 45 81.6 40.6 121.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 127.138 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

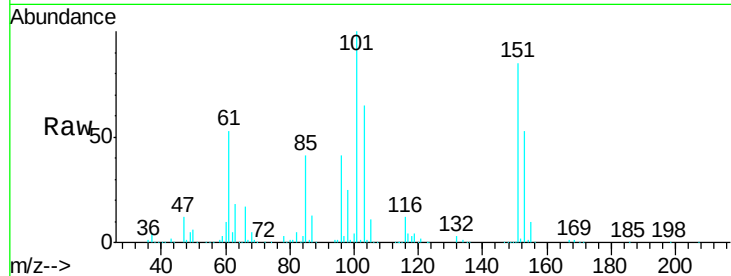
Tgt Ion:101 Resp: 395210

Ion Ratio Lower Upper

101 100

85 42.1 33.8 50.6

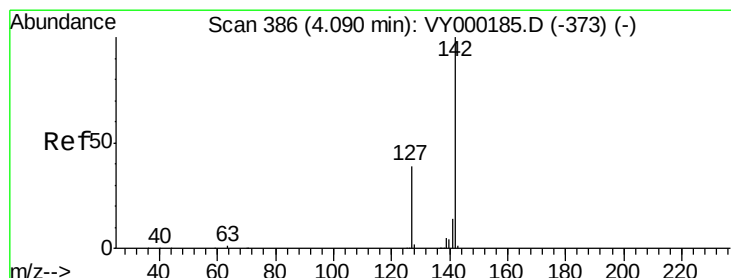
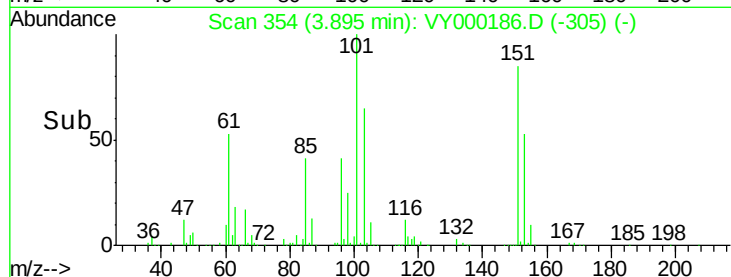
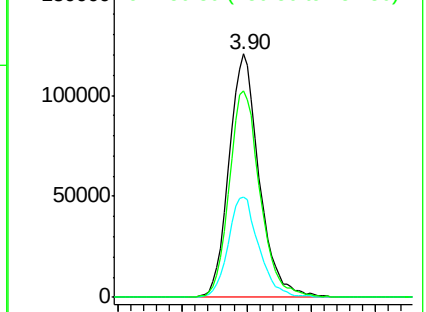
151 86.8 69.7 104.5



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: 169.850 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

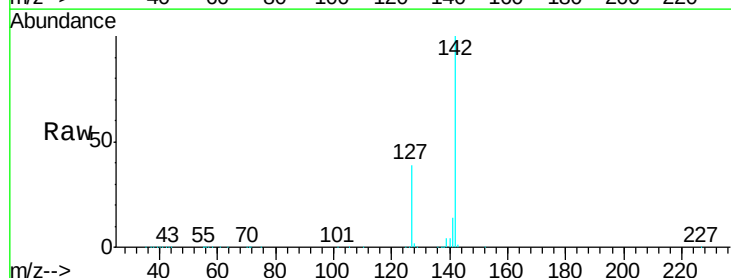
Tgt Ion:142 Resp: 717399

Ion Ratio Lower Upper

142 100

127 39.2 31.7 47.5

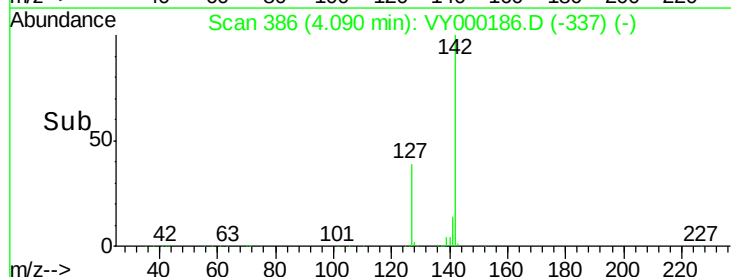
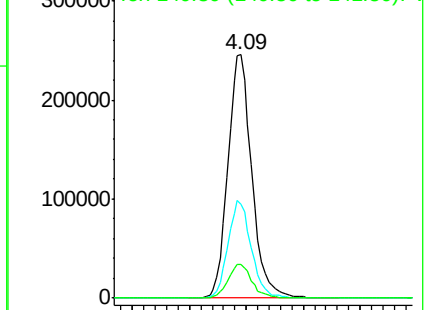
141 13.8 11.0 16.6

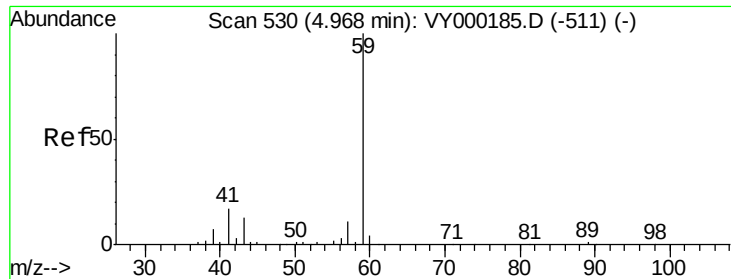


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



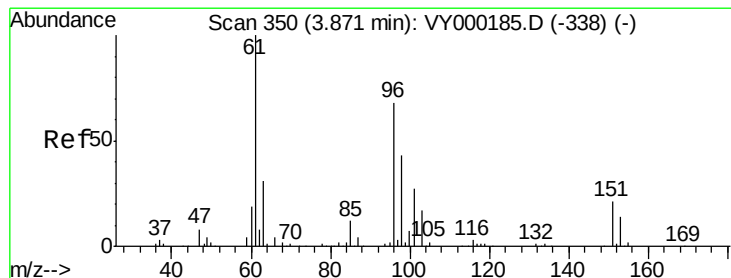
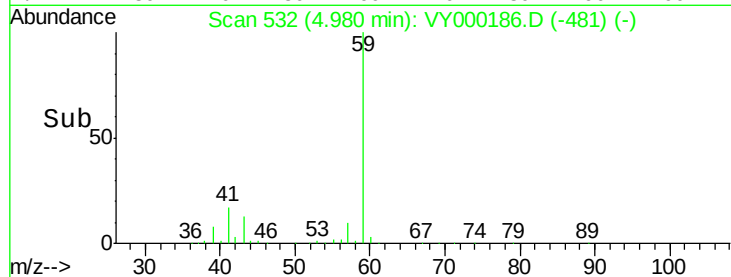
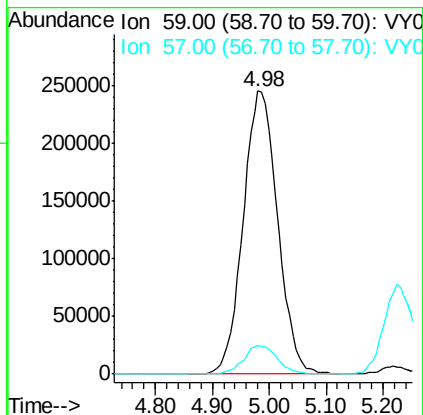
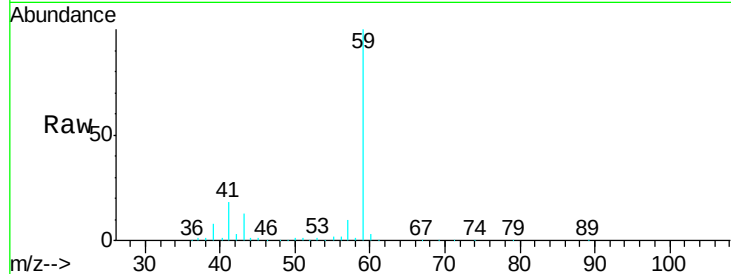


#11

Tert butyl alcohol
 Concen: 499.261 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC100

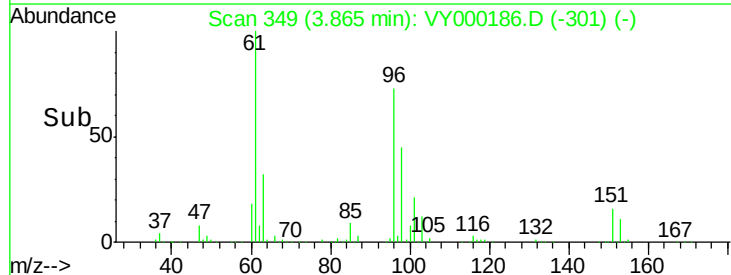
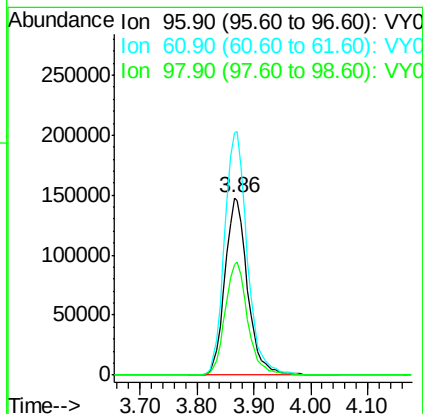
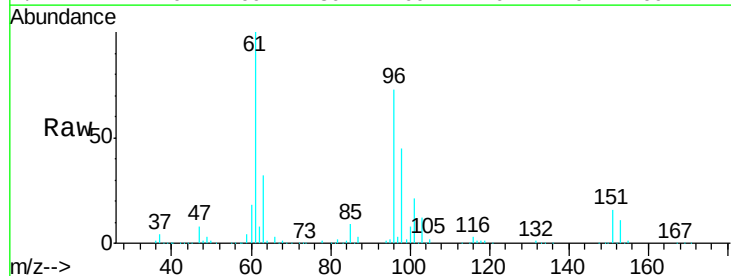
Tgt Ion: 59 Resp: 1030028
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.8

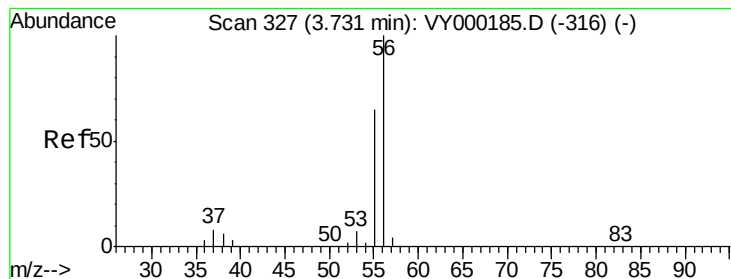


#12

1,1-Dichloroethene
 Concen: 139.348 ug/l
 RT: 3.86 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion: 96 Resp: 407253
 Ion Ratio Lower Upper
 96 100
 61 136.3 117.1 175.7
 98 61.9 50.3 75.5





#13

Acrolein

Concen: 465.785 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

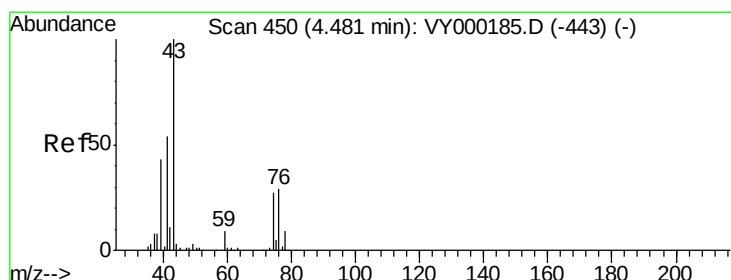
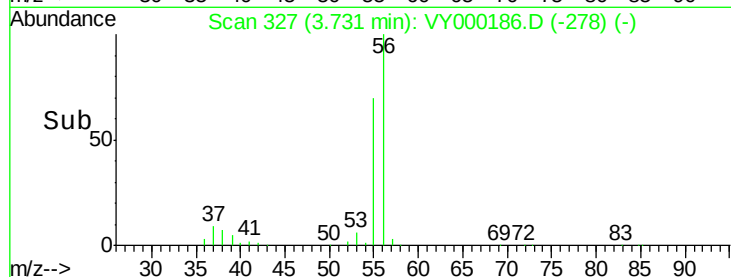
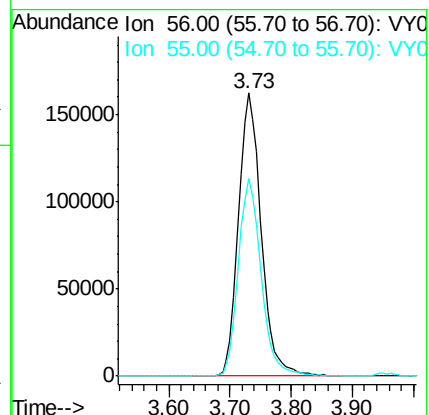
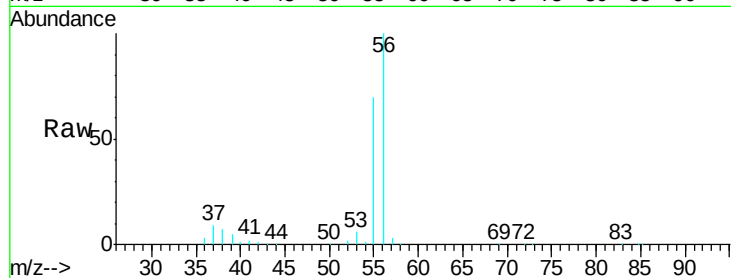
VSTDIC100

Tgt Ion: 56 Resp: 414011

Ion Ratio Lower Upper

56 100

55 69.9 55.5 83.3



#14

Allyl chloride

Concen: 164.581 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

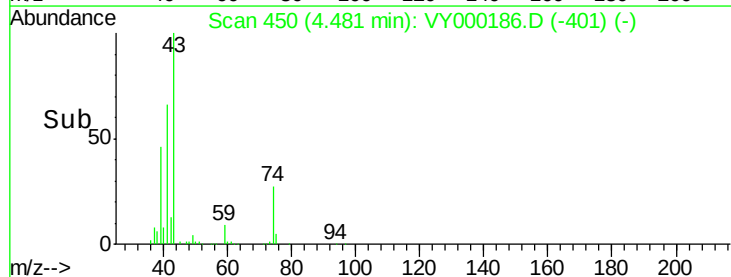
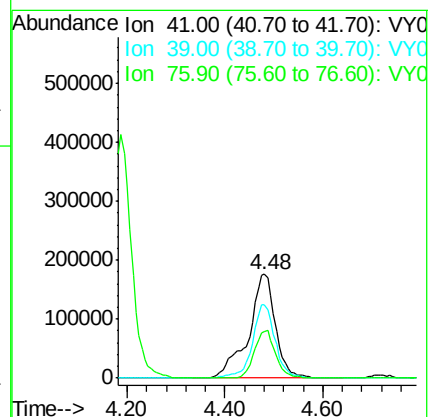
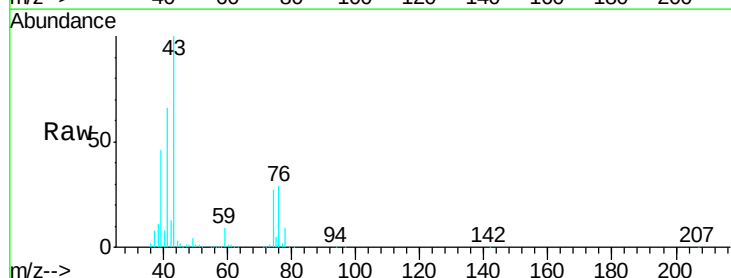
Tgt Ion: 41 Resp: 670120

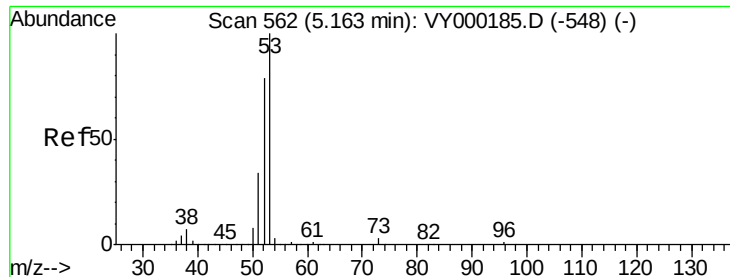
Ion Ratio Lower Upper

41 100

39 60.6 61.8 92.6#

76 36.1 36.2 54.4#





#15

Acrylonitrile

Concen: 566.689 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

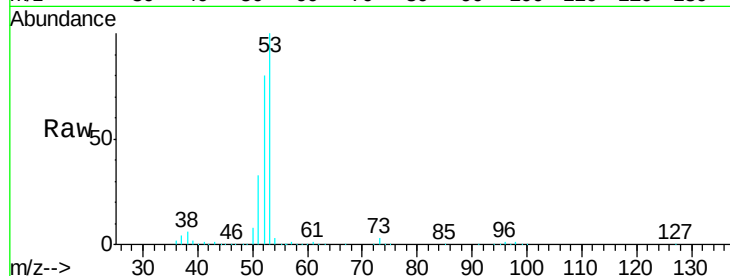
MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 53 Resp: 1877919

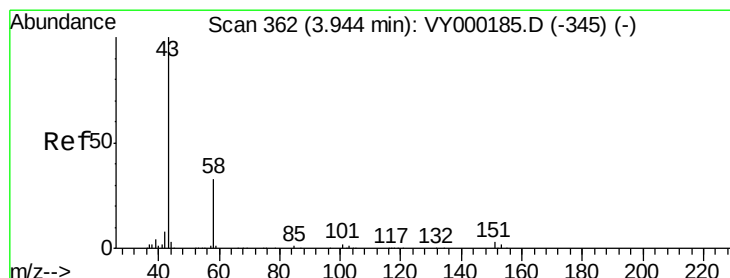
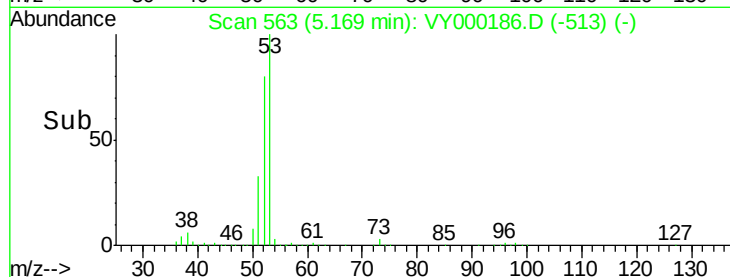
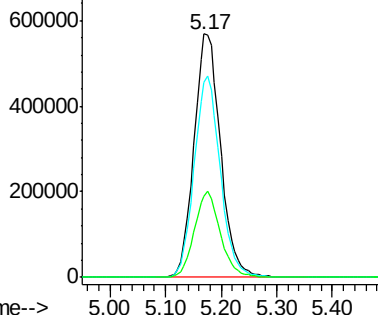
Ion	Ratio	Lower	Upper
53	100		
52	81.2	64.8	97.2
51	34.5	27.7	41.5



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 542.944 ug/l

RT: 3.95 min Scan# 363

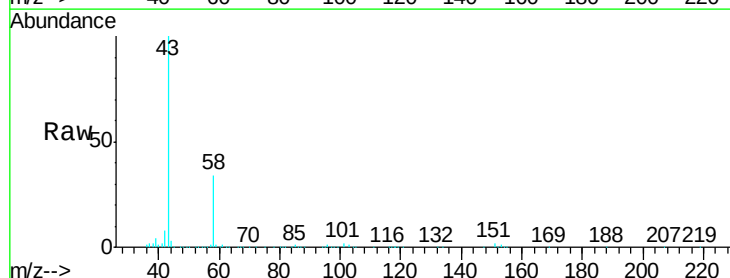
Delta R.T. 0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

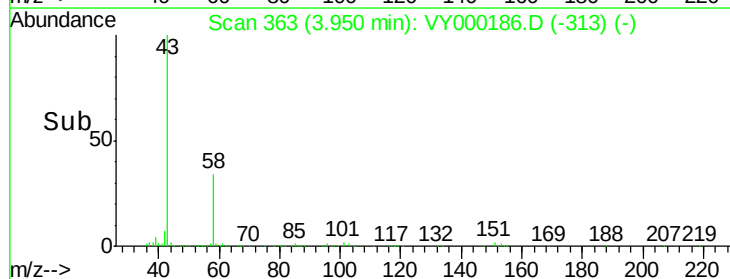
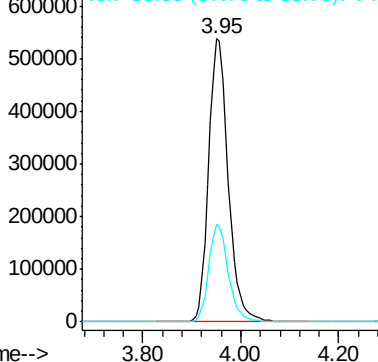
Tgt Ion: 43 Resp: 1493090

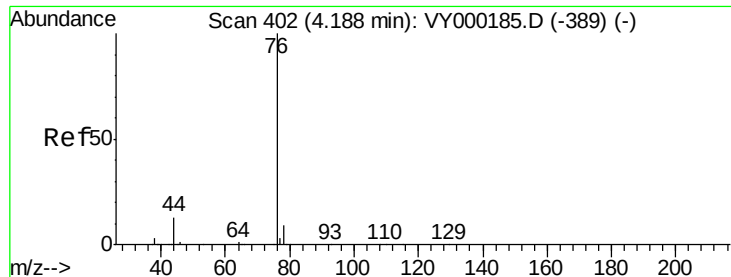
Ion	Ratio	Lower	Upper
43	100		
58	34.3	26.8	40.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 192.866 ug/l

RT: 4.19 min Scan# 402

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

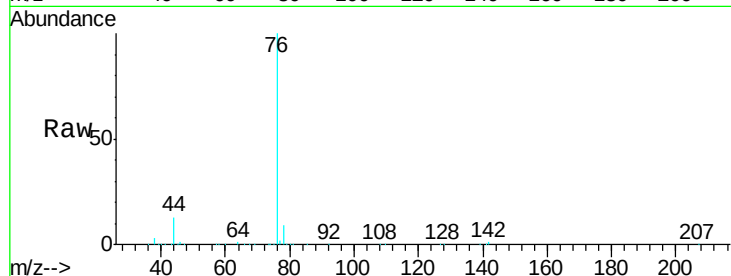
VSTDIC100

Tgt Ion: 76 Resp: 1135425

Ion Ratio Lower Upper

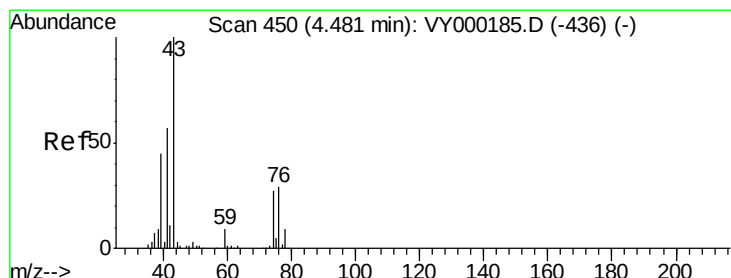
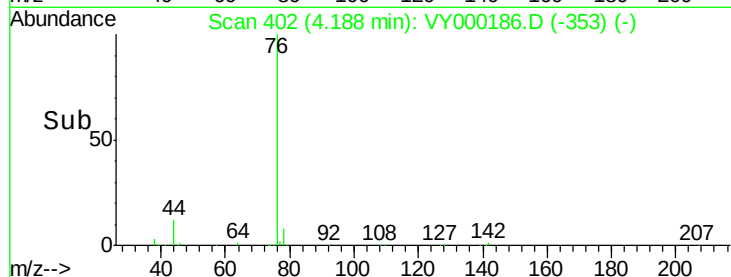
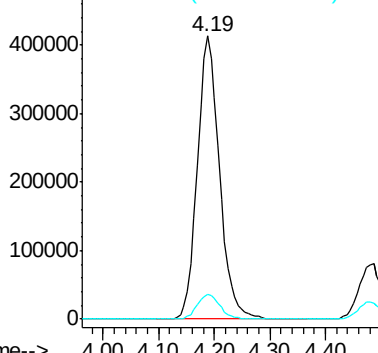
76 100

78 8.6 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 106.533 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY000186.D

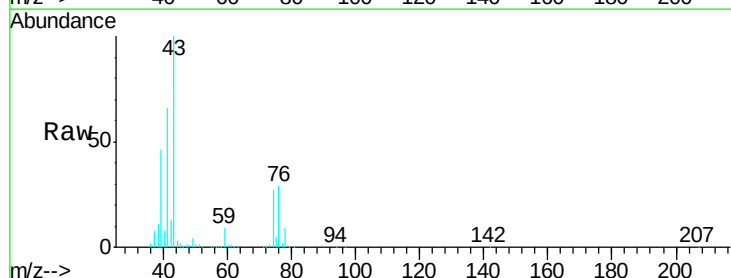
Acq: 03 Oct 2019 16:24

Tgt Ion: 43 Resp: 818332

Ion Ratio Lower Upper

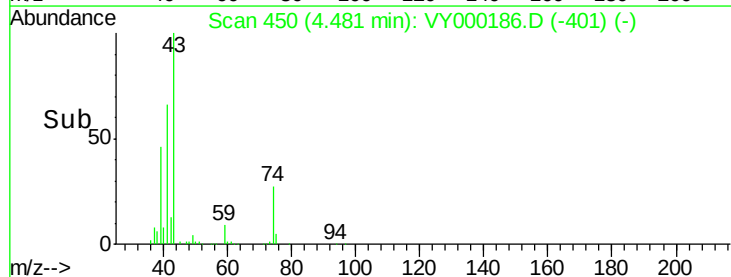
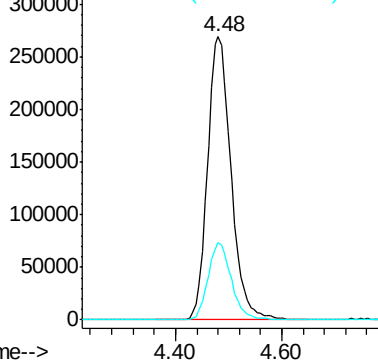
43 100

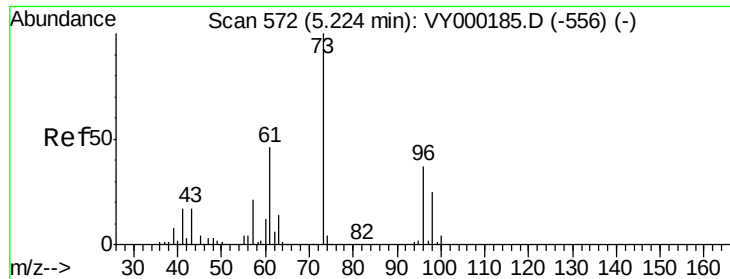
74 27.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

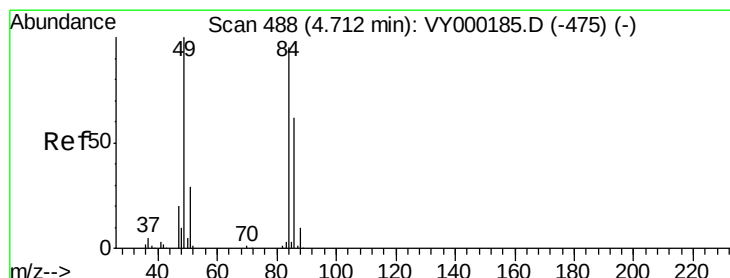
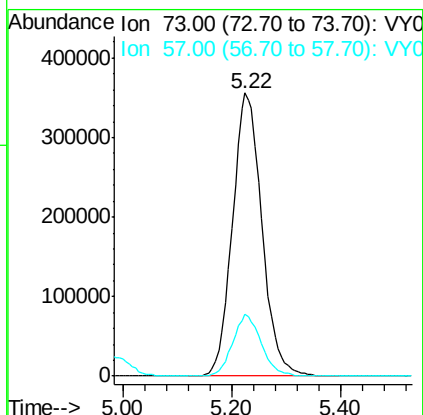
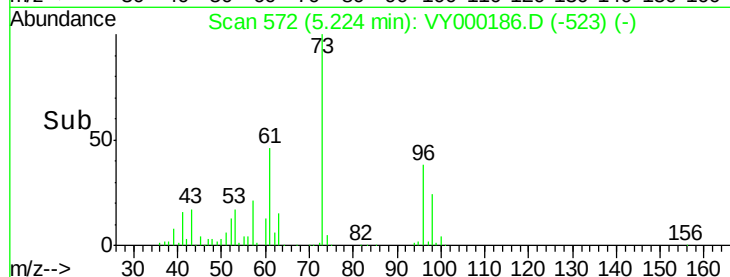
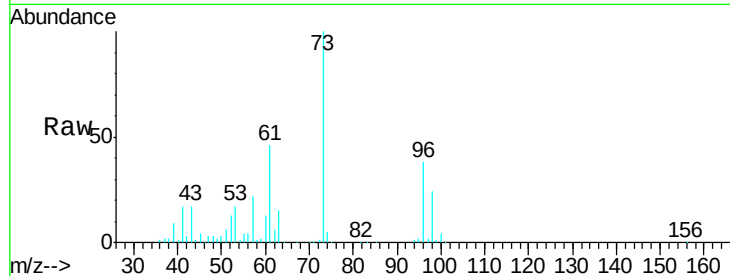




#19
Methyl tert-butyl Ether
Concen: 113.875 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

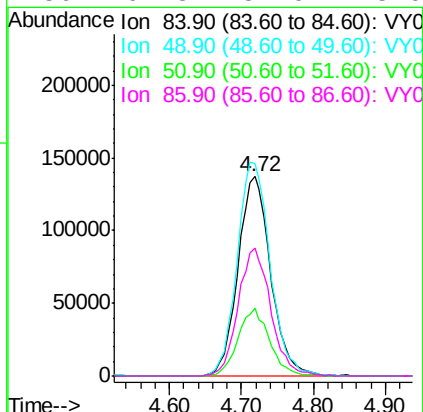
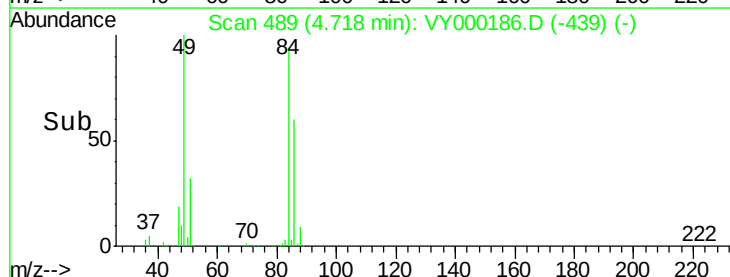
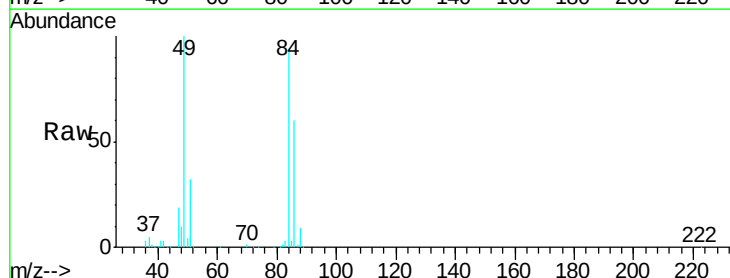
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

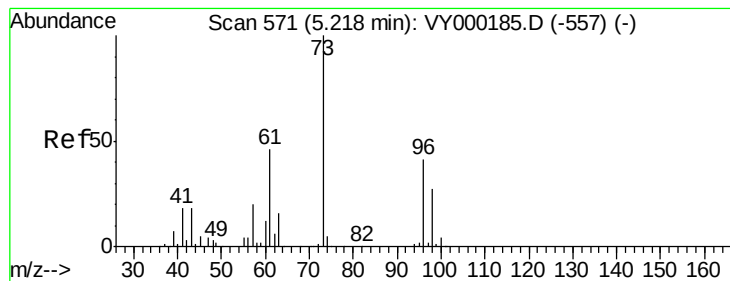
Tgt Ion: 73 Resp: 1343156
Ion Ratio Lower Upper
73 100
57 22.0 16.9 25.3



#20
Methylene Chloride
Concen: 120.387 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion: 84 Resp: 433384
Ion Ratio Lower Upper
84 100
49 106.6 84.2 126.4
51 34.1 24.6 37.0
86 64.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 140.888 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

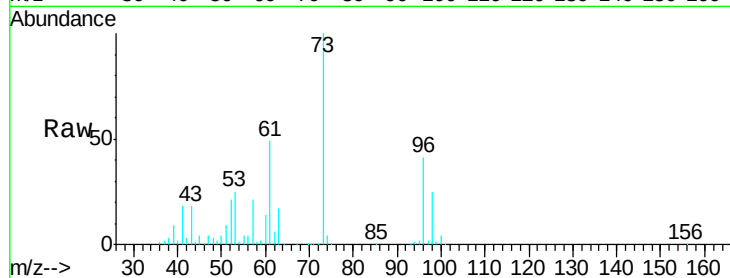
Tgt Ion: 96 Resp: 444087

Ion Ratio Lower Upper

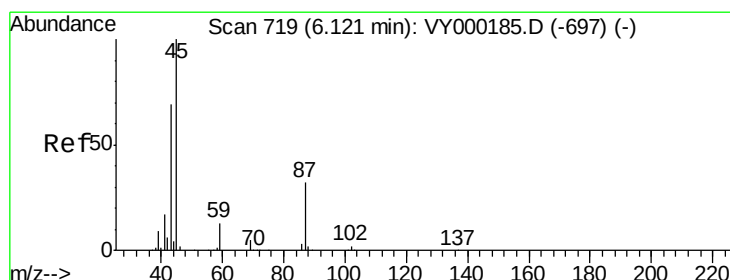
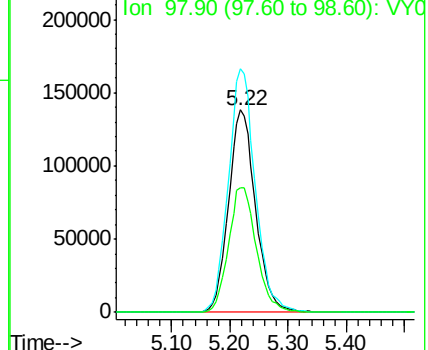
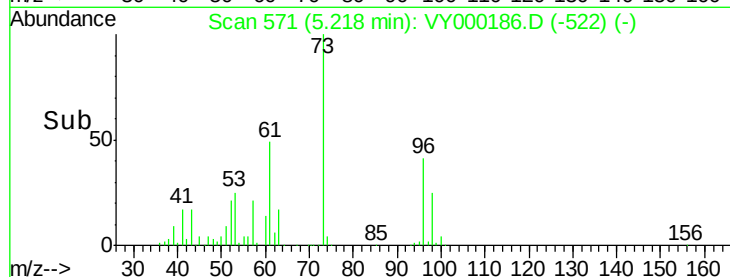
96 100

61 120.4 91.4 137.0

98 61.9 52.5 78.7



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: 122.526 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Tgt Ion: 45 Resp: 1323256

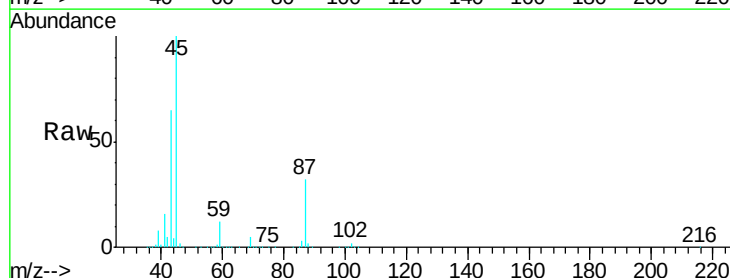
Ion Ratio Lower Upper

45 100

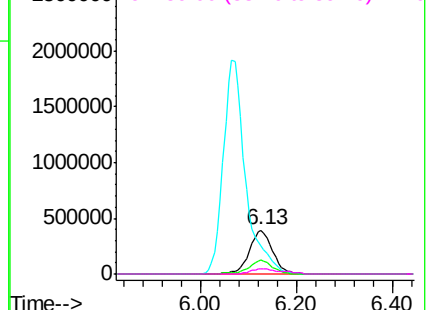
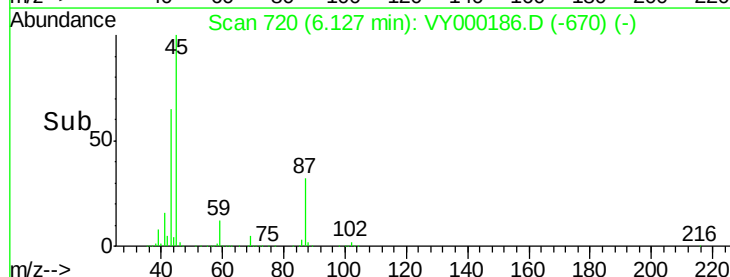
43 65.2 55.4 83.0

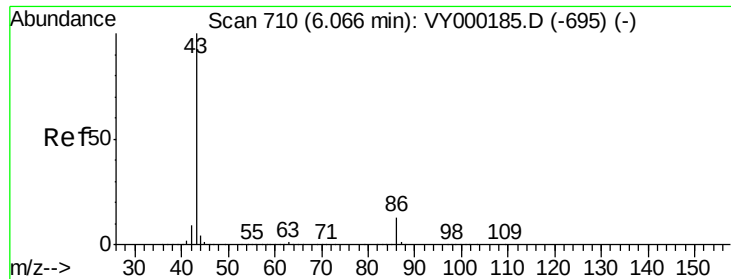
87 31.5 25.8 38.8

59 11.7 10.1 15.1



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: 668.782 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

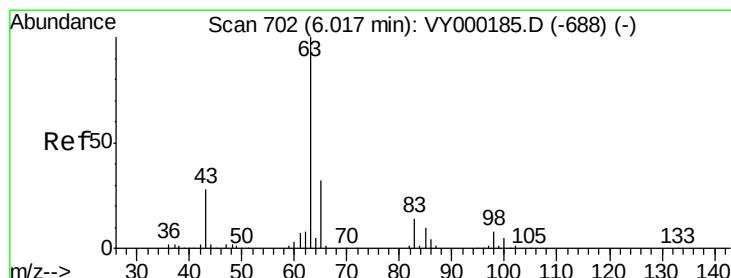
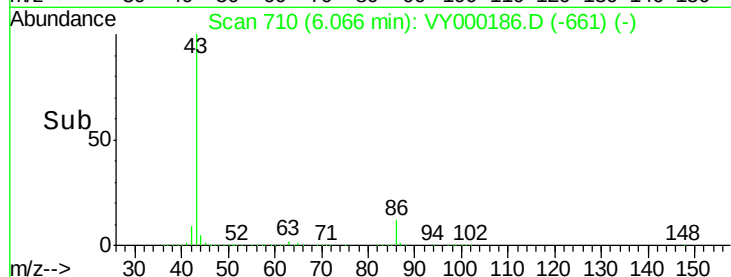
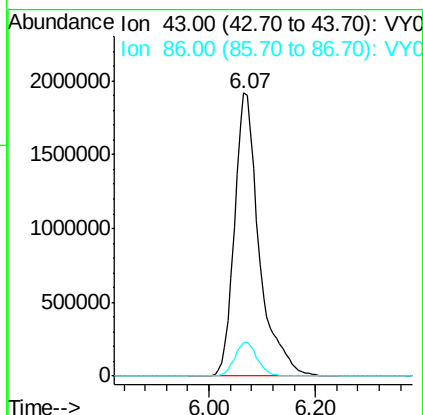
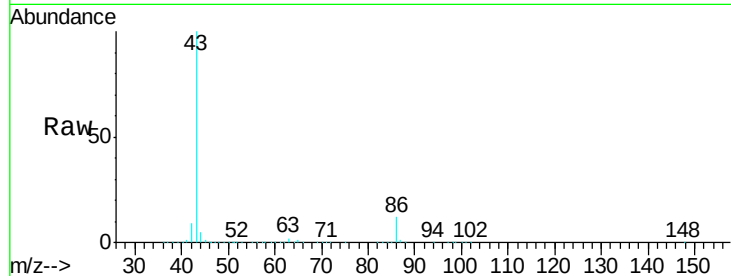
VSTDICC100

Tgt Ion: 43 Resp: 6210443

Ion Ratio Lower Upper

43 100

86 12.0 10.2 15.2



#24

1,1-Dichloroethane

Concen: 121.216 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

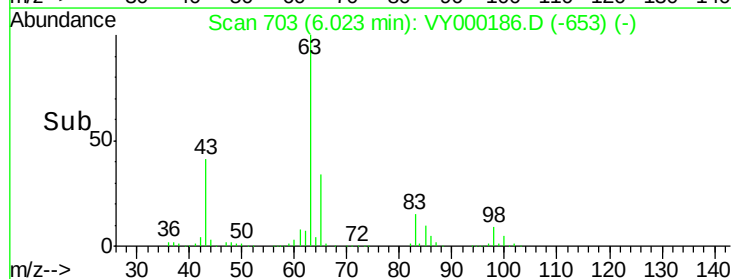
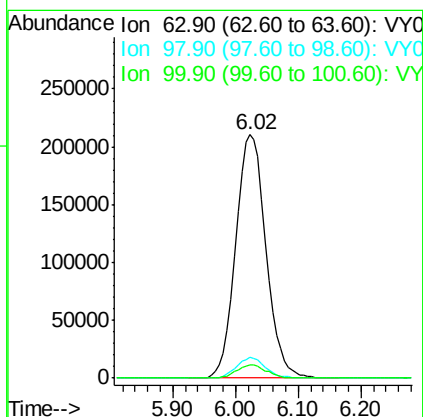
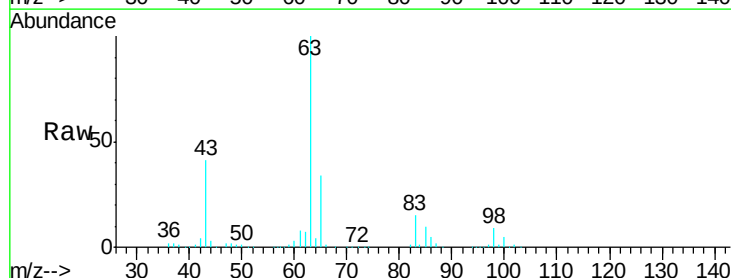
Tgt Ion: 63 Resp: 700420

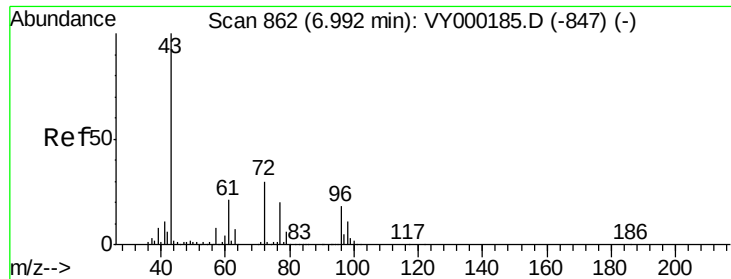
Ion Ratio Lower Upper

63 100

98 8.8 3.9 11.5

100 5.3 2.3 6.9





#25

2-Butanone

Concen: 566.943 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

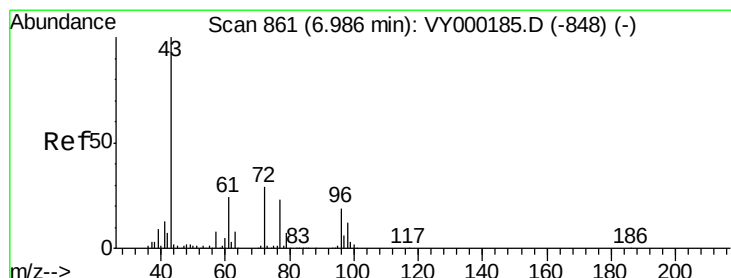
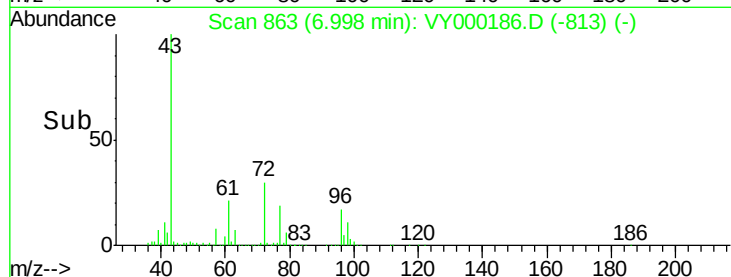
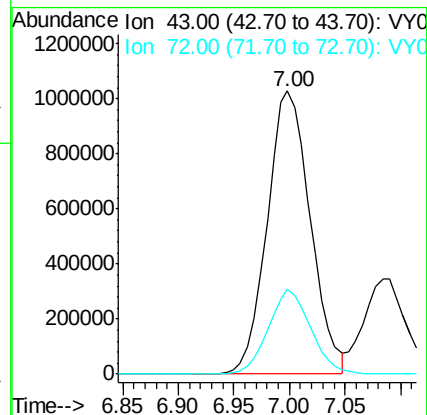
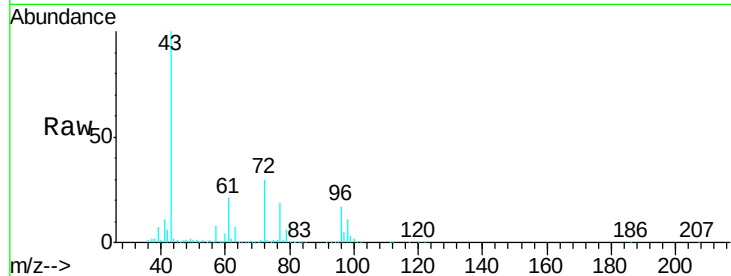
VSTDIC100

Tgt Ion: 43 Resp: 2771861

Ion Ratio Lower Upper

43 100

72 29.9 24.0 36.0



#26

2,2-Dichloropropane

Concen: 119.020 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.01 min

Lab File: VY000186.D

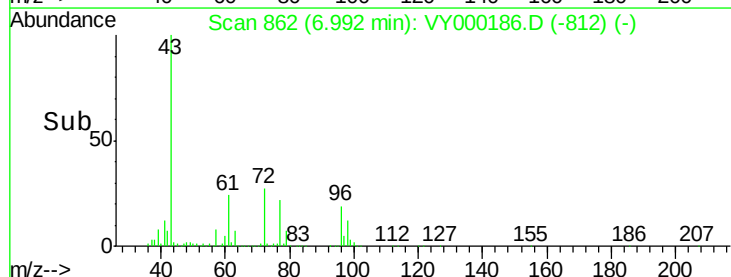
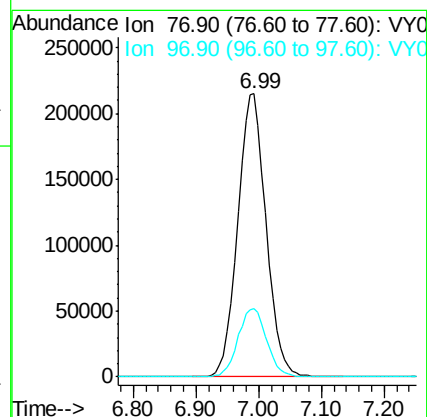
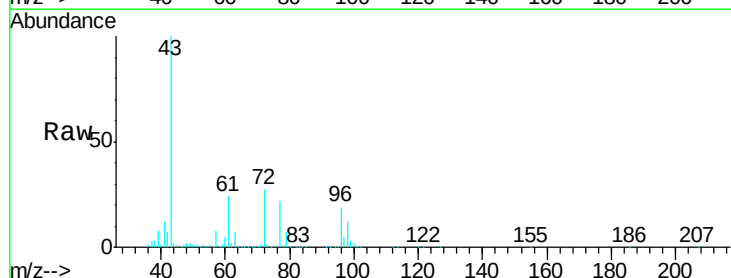
Acq: 03 Oct 2019 16:24

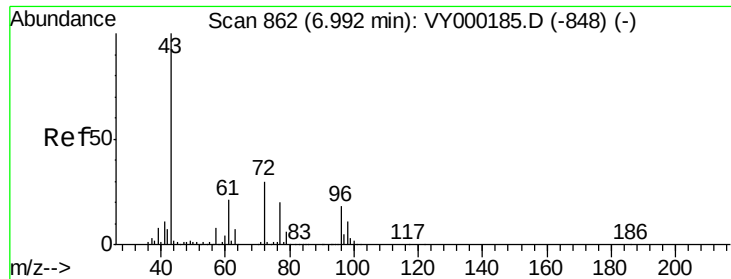
Tgt Ion: 77 Resp: 669003

Ion Ratio Lower Upper

77 100

97 24.4 12.3 36.9



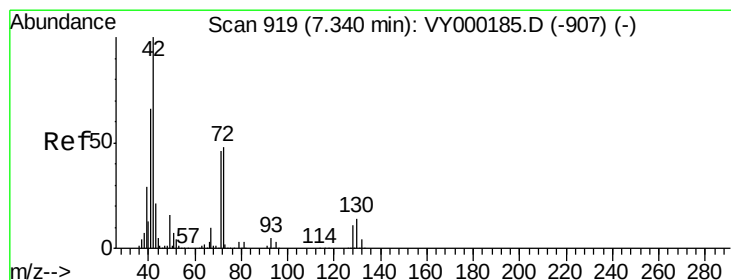
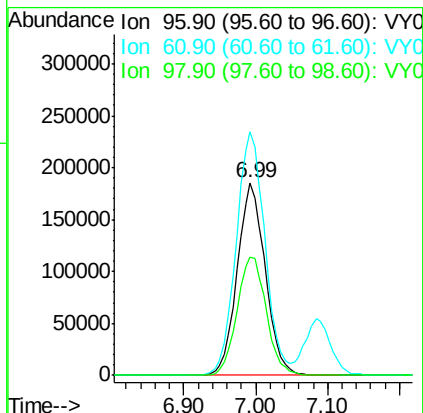
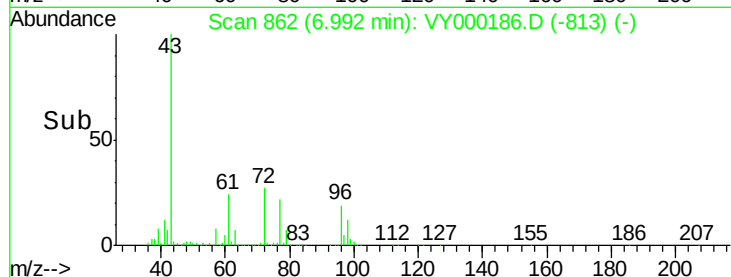
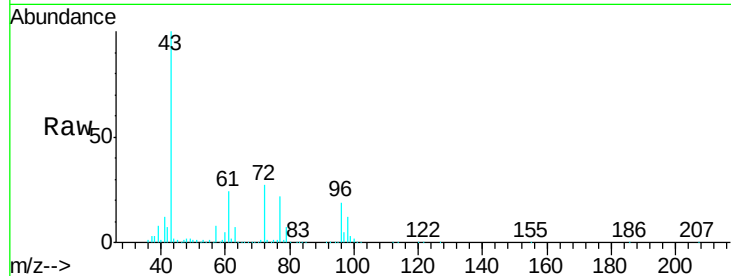


#27

cis-1,2-Dichloroethene
 Concen: 120.772 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

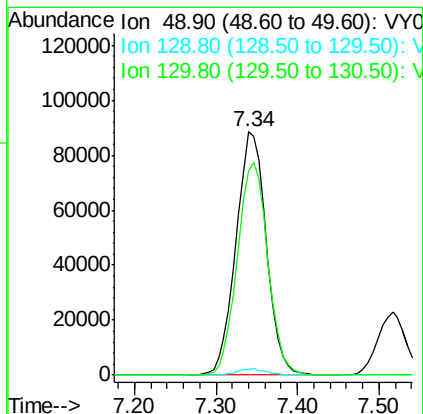
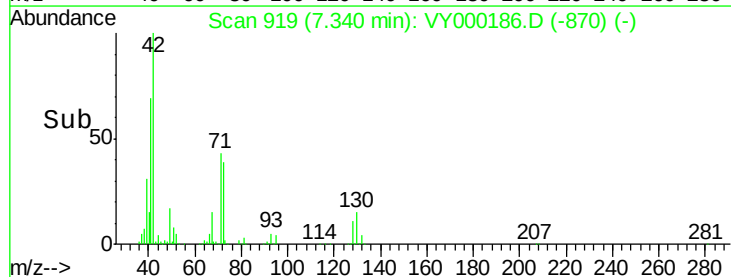
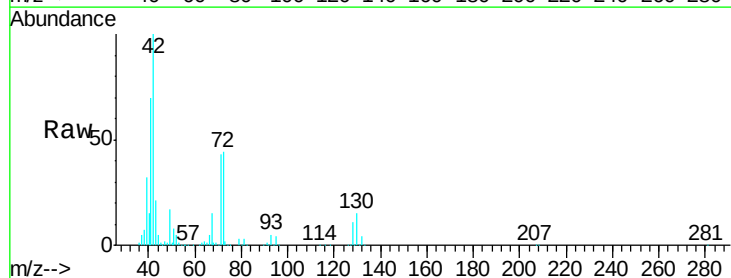
Tgt Ion	Ratio	Lower	Upper
96	100		
61	129.6	0.0	251.4
98	64.3	0.0	129.4

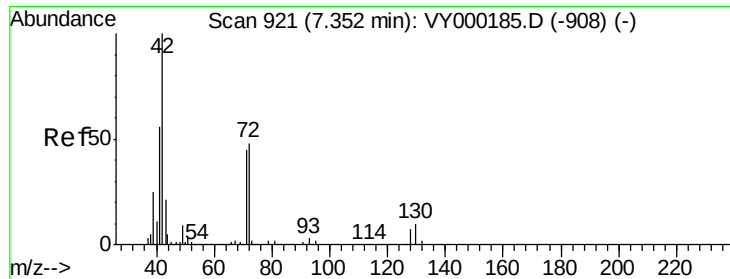


#28

Bromochloromethane
 Concen: 100.528 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.4
130	87.4	74.2	111.4

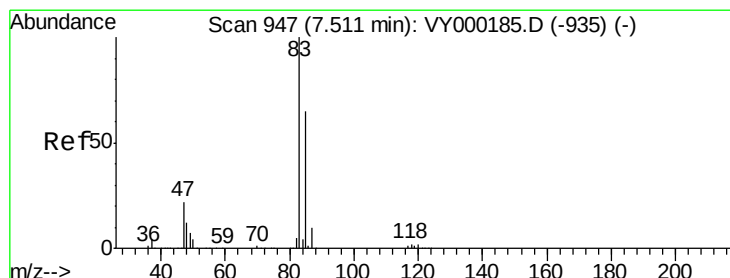
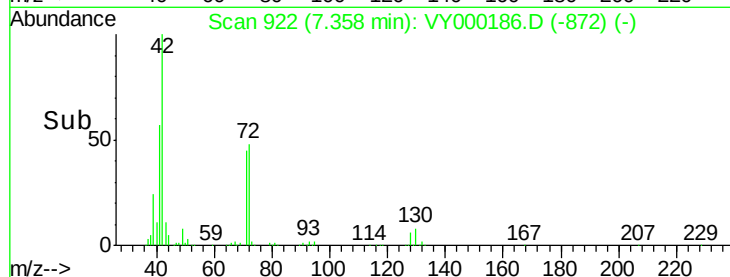
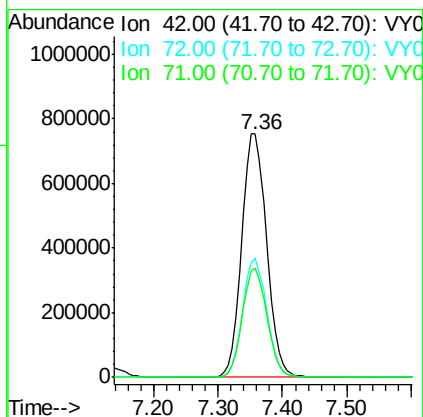
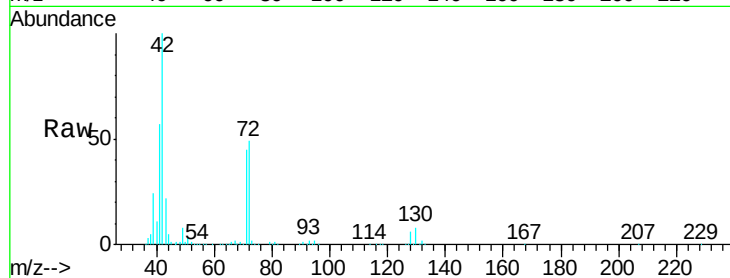




#29
Tetrahydrofuran
Concen: 614.115 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

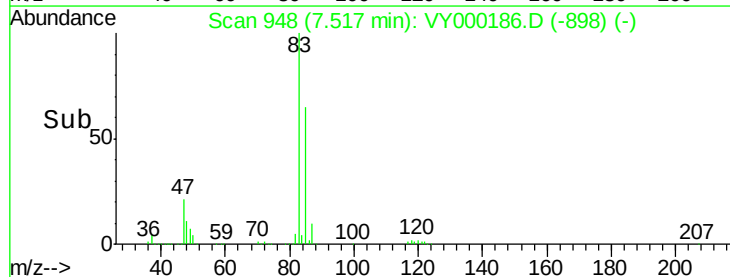
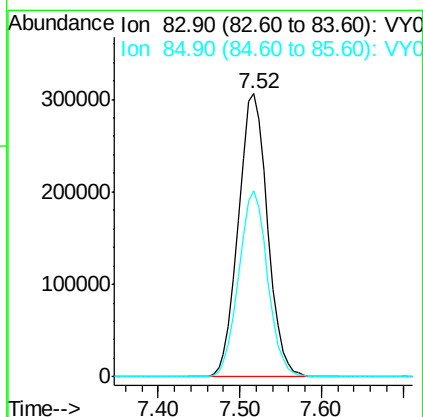
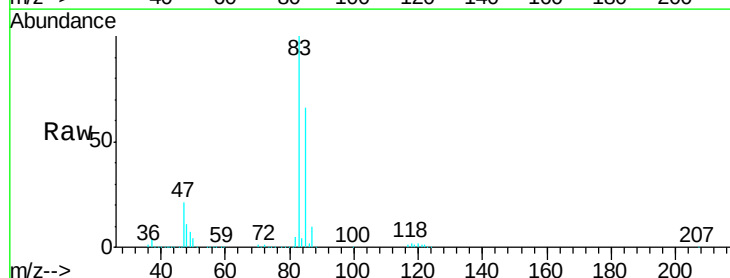
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

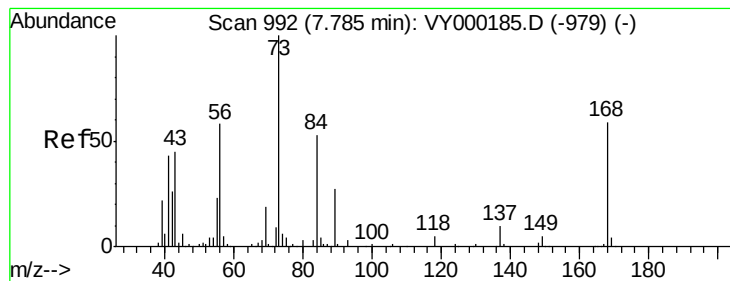
Tgt Ion: 42 Resp: 2003276
Ion Ratio Lower Upper
42 100
72 47.7 39.3 58.9
71 44.2 36.7 55.1



#30
Chloroform
Concen: 114.668 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion: 83 Resp: 759023
Ion Ratio Lower Upper
83 100
85 65.5 51.8 77.6





#31

Cyclohexane

Concen: 160.674 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

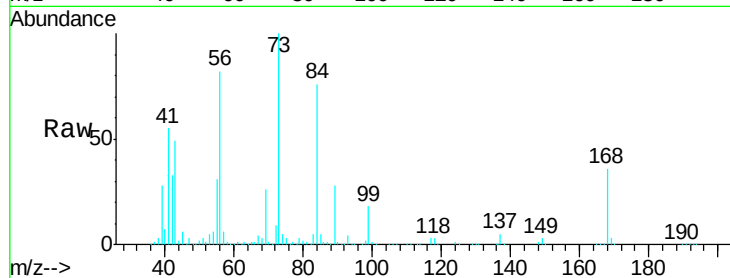
Tgt Ion: 56 Resp: 680611

Ion Ratio Lower Upper

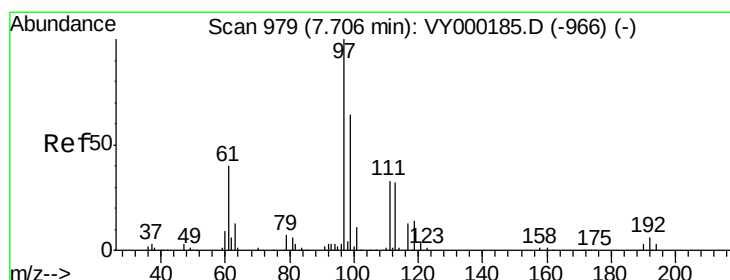
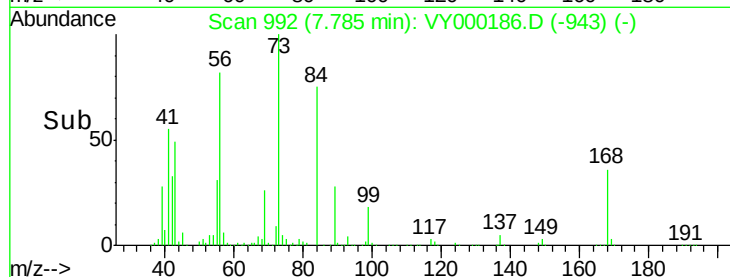
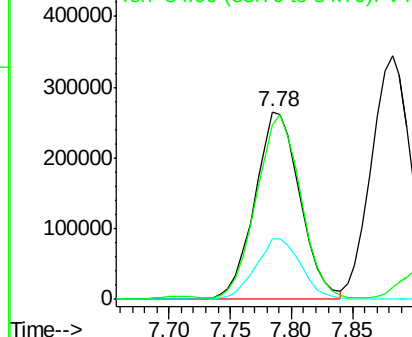
56 100

69 32.0 26.1 39.1

84 91.4 73.8 110.6



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: 122.872 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

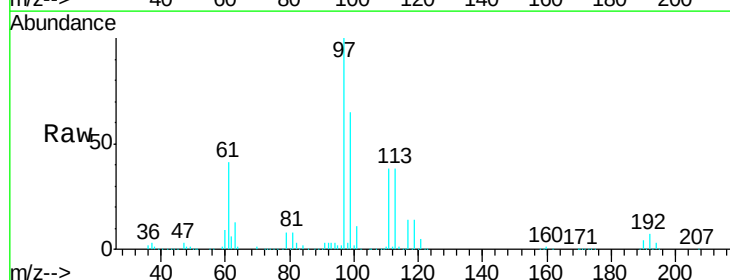
Tgt Ion: 97 Resp: 693942

Ion Ratio Lower Upper

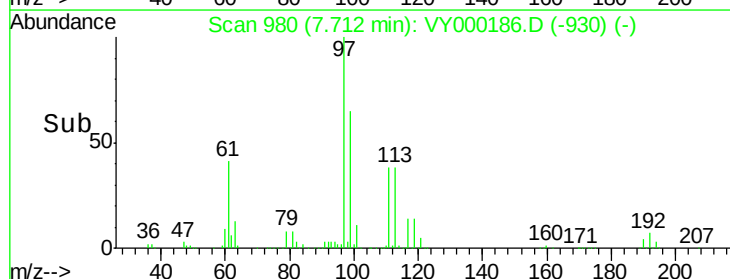
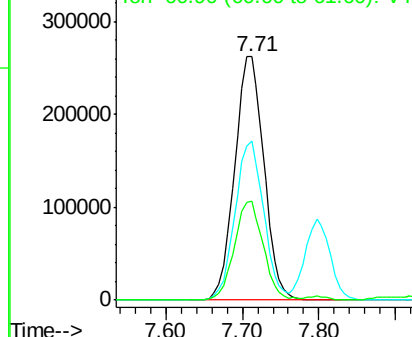
97 100

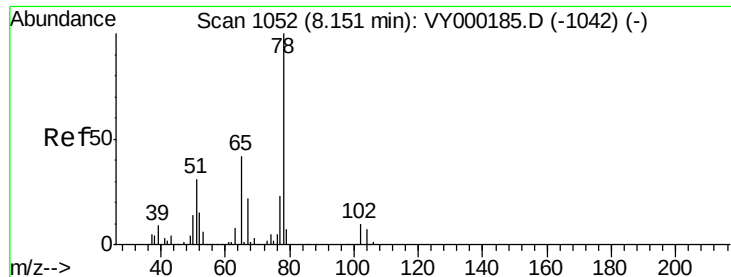
99 64.1 51.8 77.8

61 40.0 31.2 46.8



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

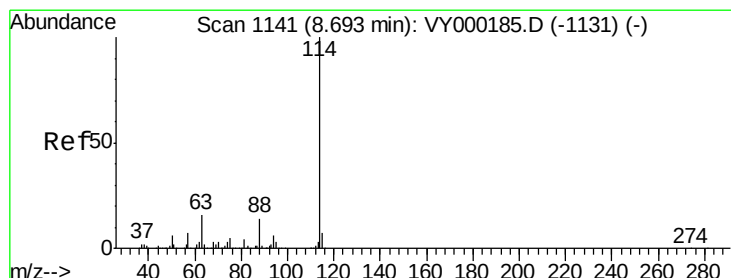
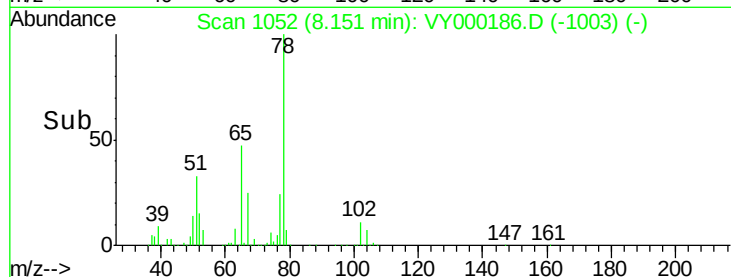
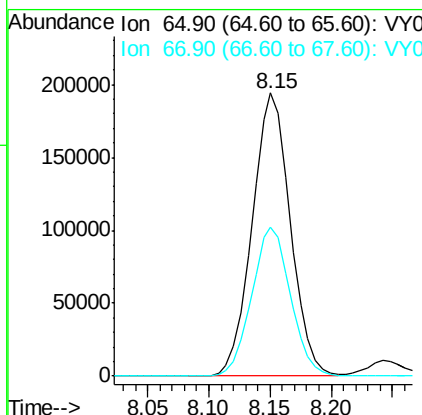
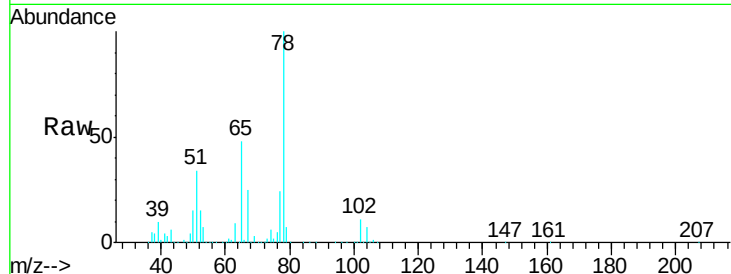




#33
 1,2-Dichloroethane-d4
 Concen: 98.069 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

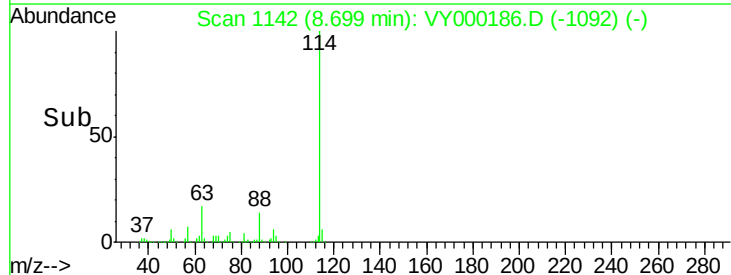
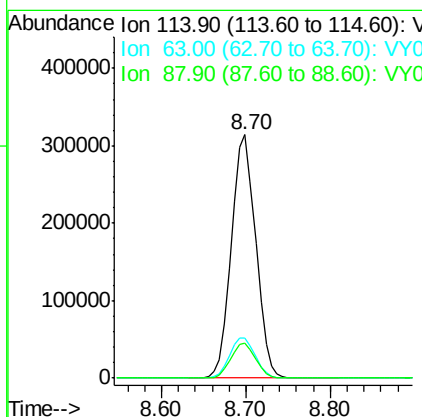
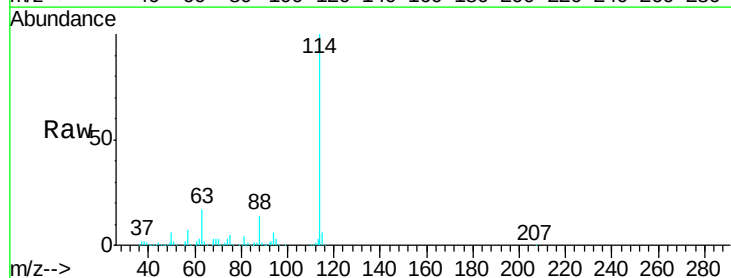
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

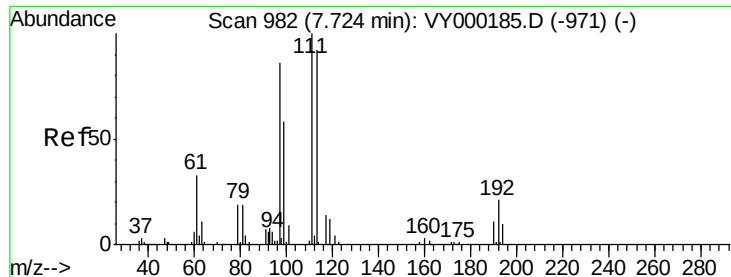
Tgt Ion: 65 Resp: 422162
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion: 114 Resp: 615074
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.0
 88 14.3 0.0 27.6

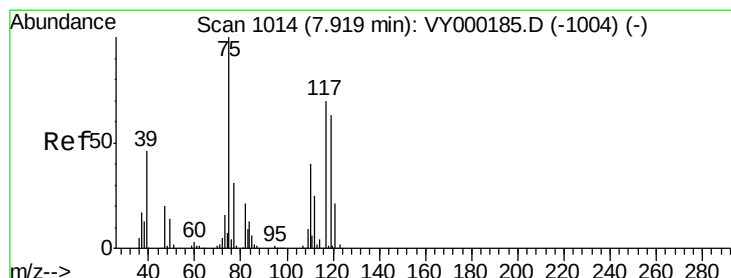
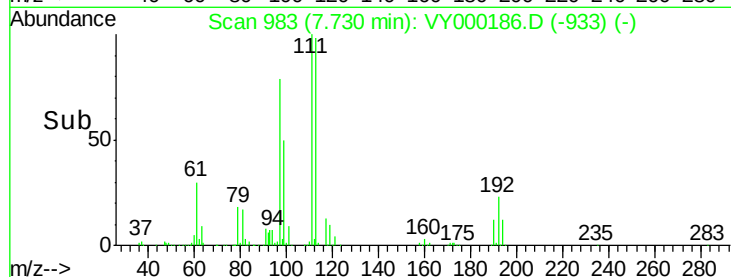
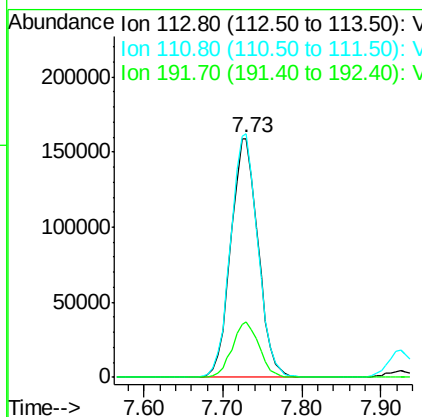
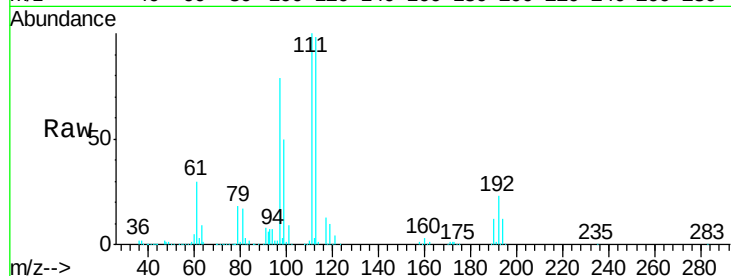




#35
 Dibromofluoromethane
 Concen: 100.049 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

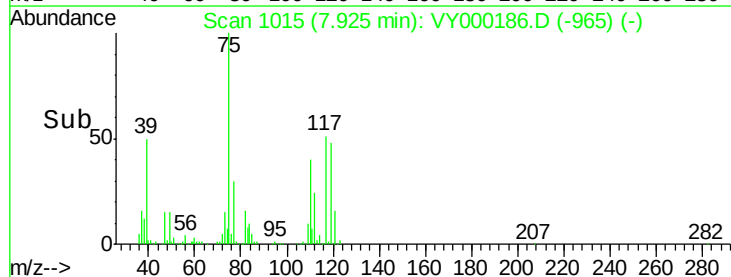
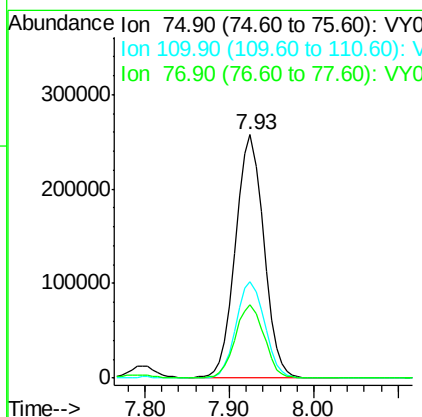
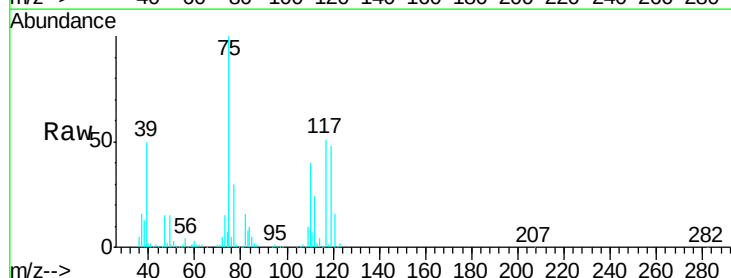
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

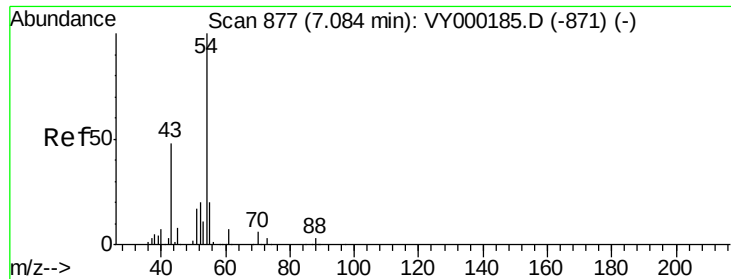
Tgt Ion: 113 Resp: 381756
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.6 125.4
 192 22.9 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 144.909 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion: 75 Resp: 583728
 Ion Ratio Lower Upper
 75 100
 110 40.0 20.4 61.2
 77 30.8 24.8 37.2

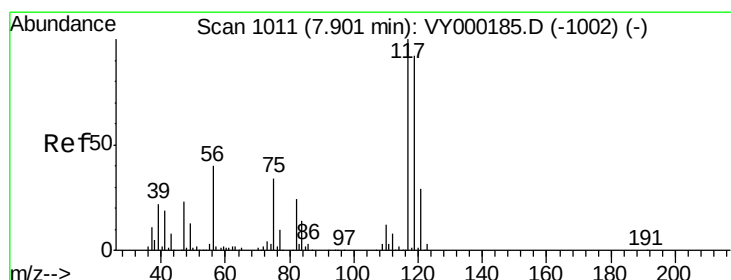
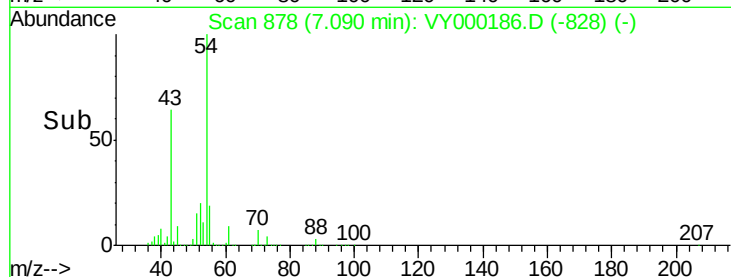
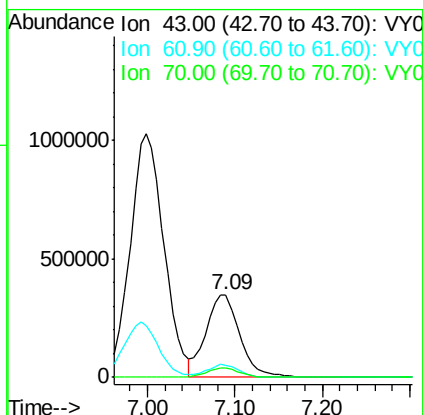
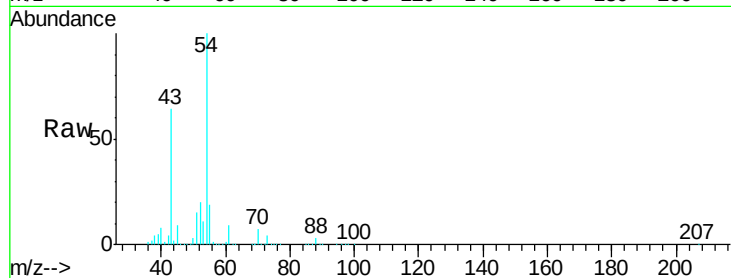




#37
Ethyl Acetate
Concen: 123.825 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

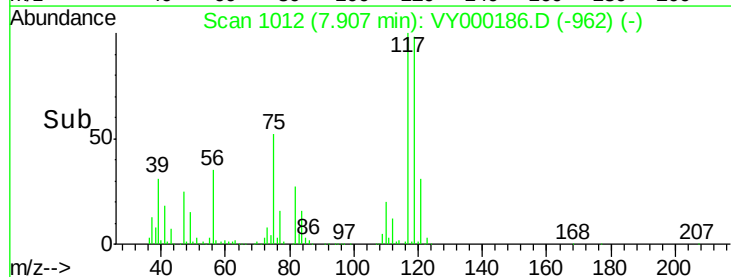
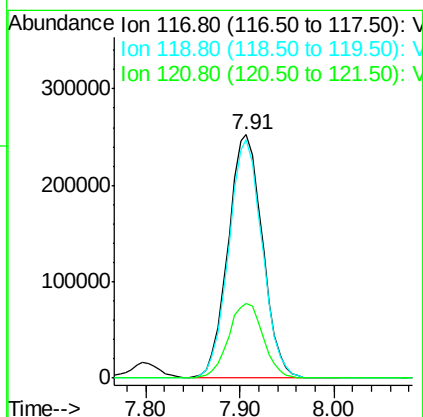
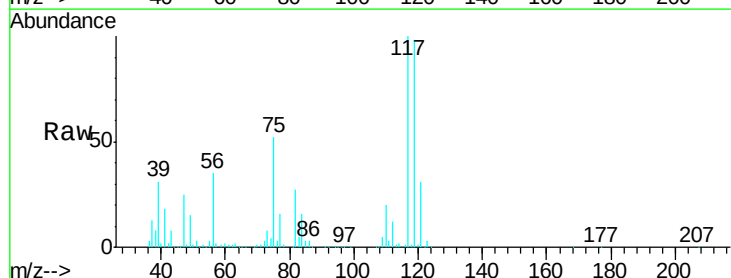
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

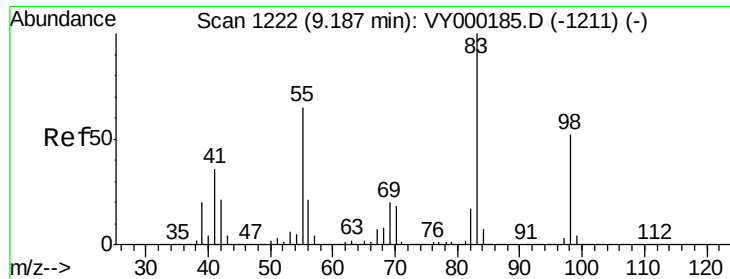
Tgt Ion: 43 Resp: 932402
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.6
70 11.3 9.4 14.2



#38
Carbon Tetrachloride
Concen: 129.780 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion: 117 Resp: 640912
Ion Ratio Lower Upper
117 100
119 98.0 73.4 110.2
121 30.9 23.2 34.8

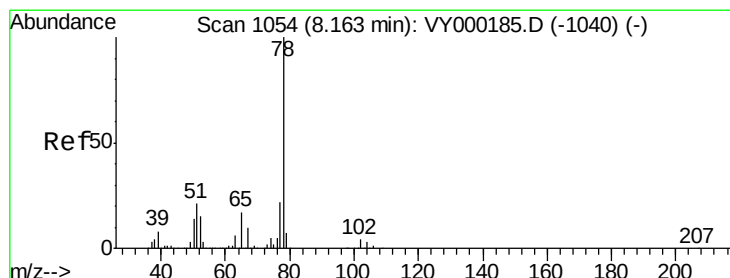
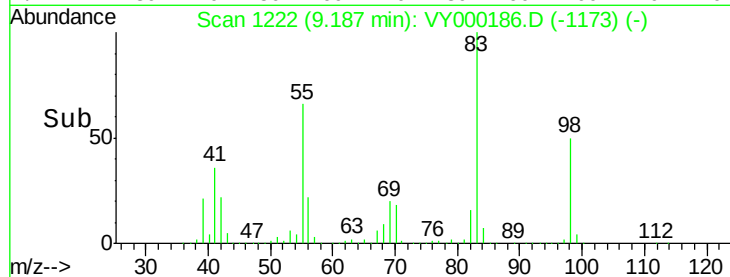
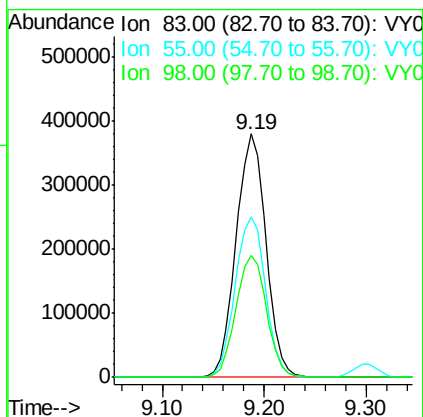
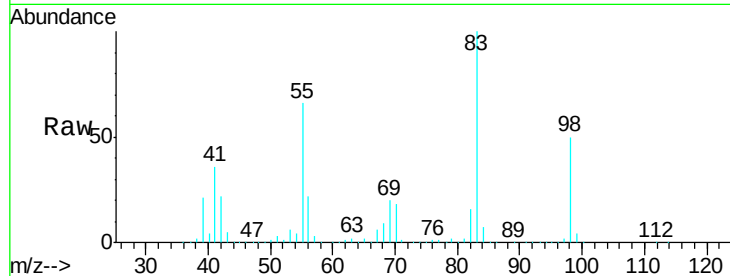




#39
Methylcyclohexane
Concen: 162.386 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

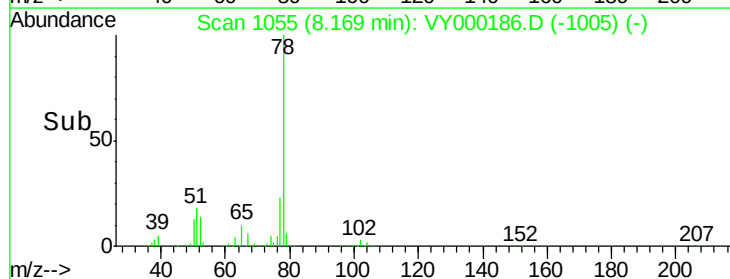
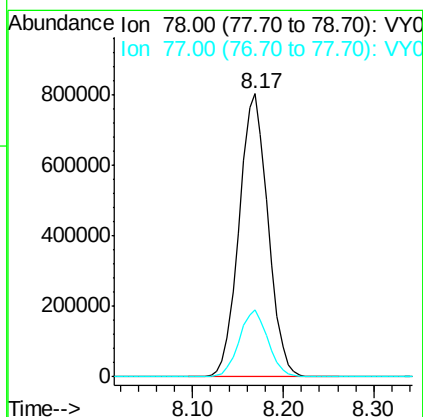
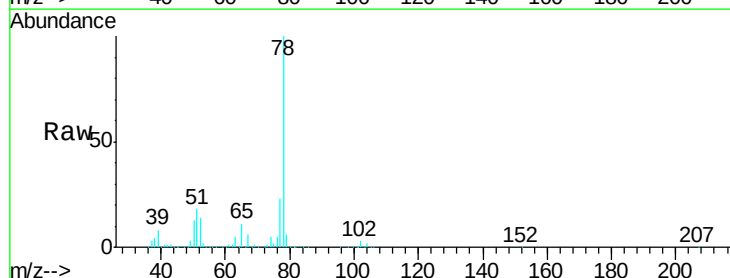
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

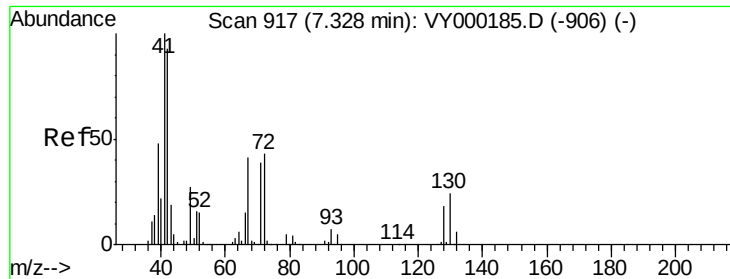
Tgt Ion: 83 Resp: 771966
Ion Ratio Lower Upper
83 100
55 65.6 52.4 78.6
98 50.1 41.7 62.5



#40
Benzene
Concen: 132.369 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion: 78 Resp: 1768290
Ion Ratio Lower Upper
78 100
77 23.5 17.5 26.3

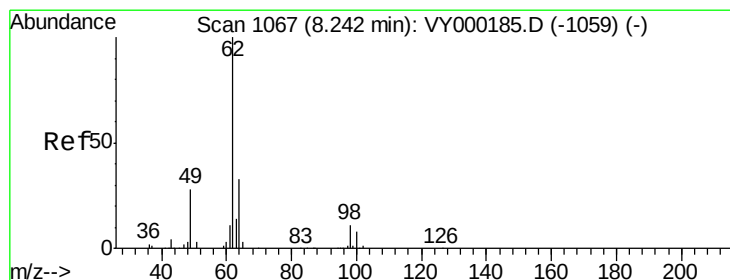
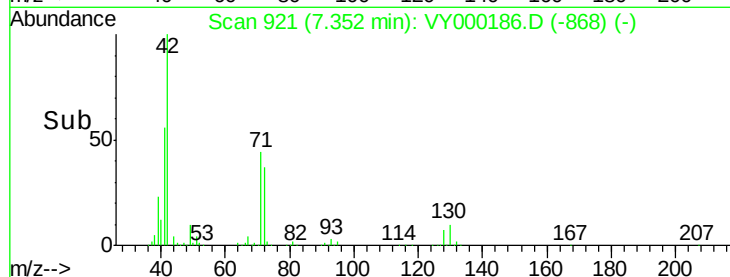
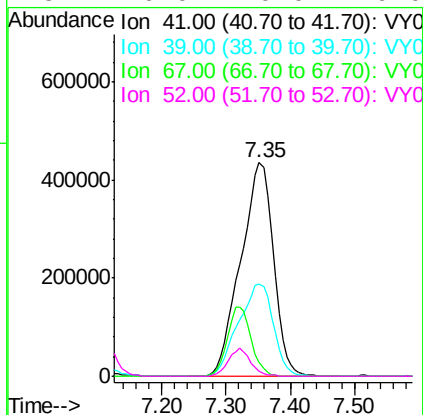
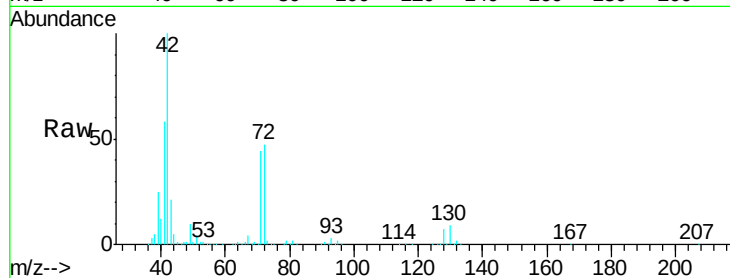




#41
Methacrylonitrile
Concen: 426.756 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

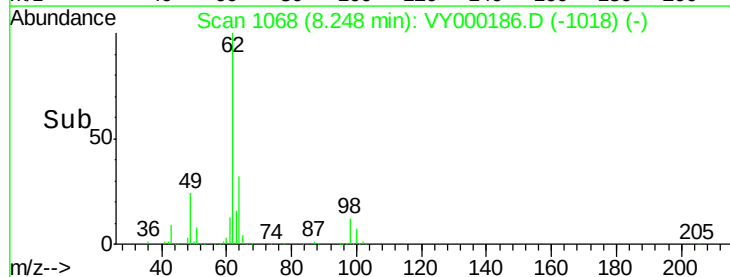
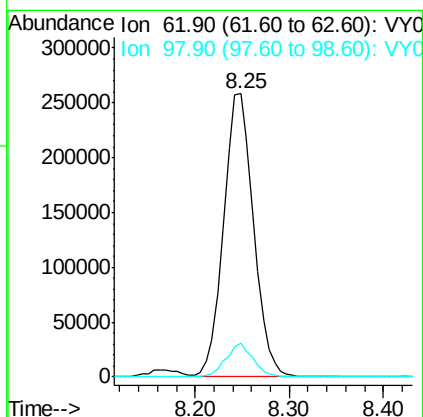
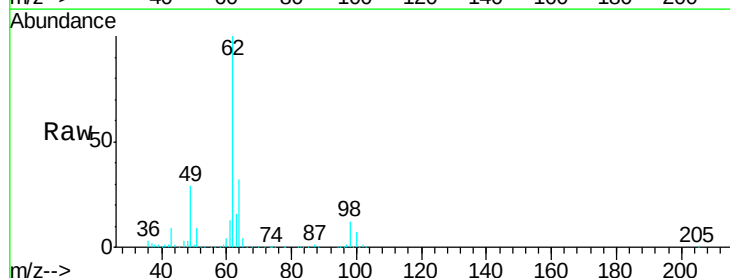
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

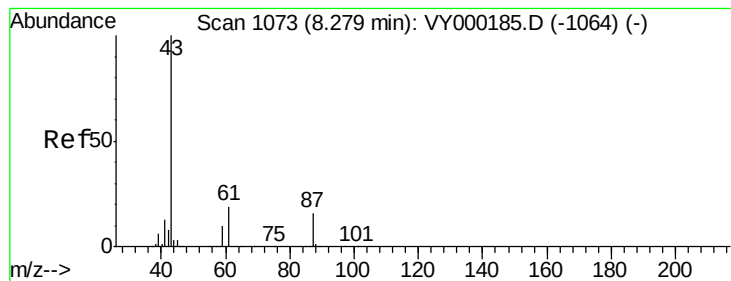
Tgt Ion: 41 Resp: 1523474
Ion Ratio Lower Upper
41 100
39 46.1 125.4 188.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 122.549 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion: 62 Resp: 569209
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.8





#43

Isopropyl Acetate

Concen: 120.571 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

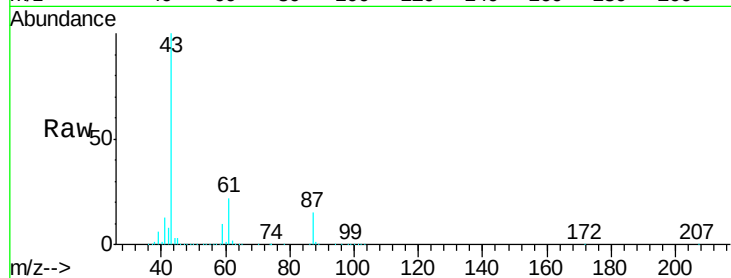
MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 1224295

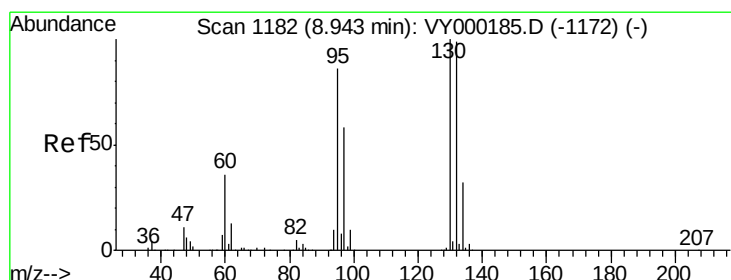
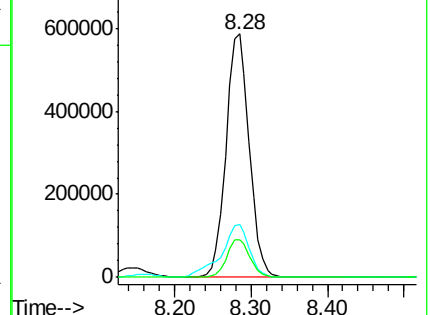
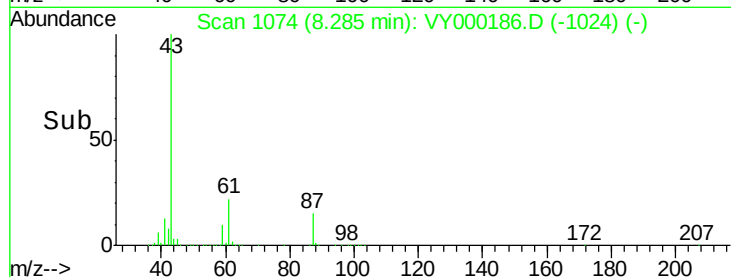
Ion	Ratio	Lower	Upper
43	100		
61	26.4	21.4	32.2
87	15.3	12.6	19.0



Abundance Ion 43.00 (42.70 to 43.70): VY000185.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY000185.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY000185.D (-1064) (-)



#44

Trichloroethene

Concen: 126.939 ug/l

RT: 8.94 min Scan# 1182

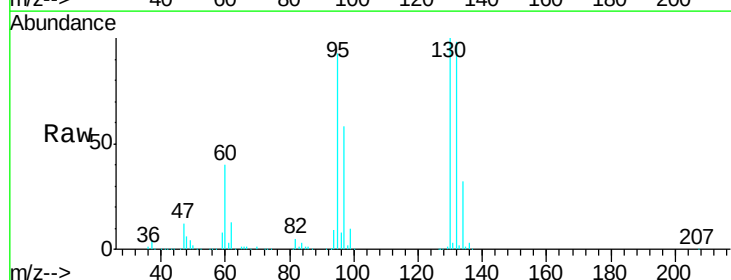
Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

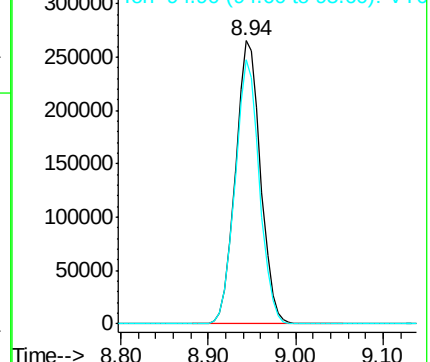
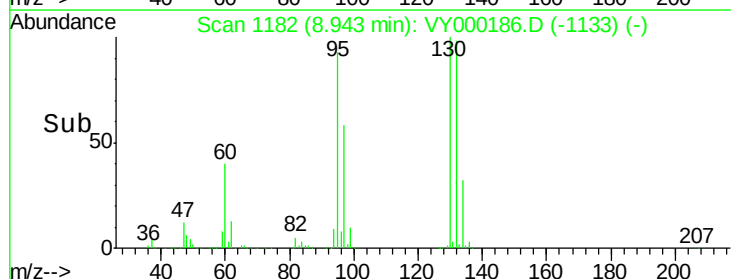
Tgt Ion: 130 Resp: 529217

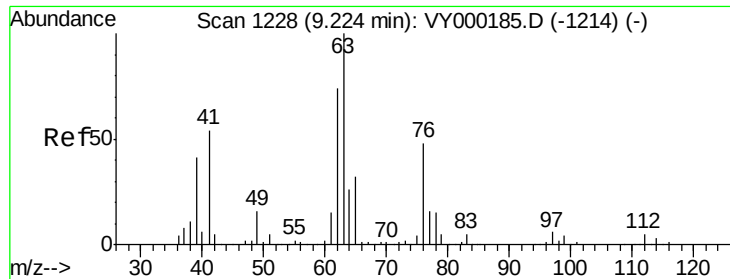
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	171.6



Abundance Ion 129.80 (129.50 to 130.50): VY000185.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY000185.D (-1172) (-)

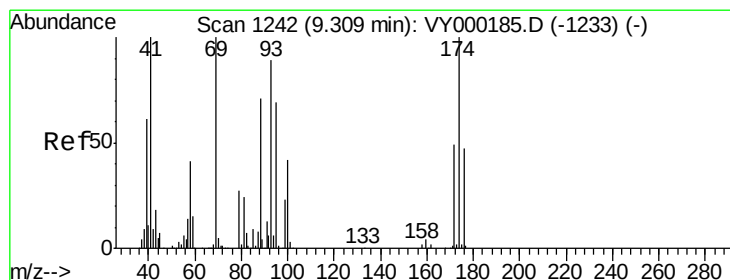
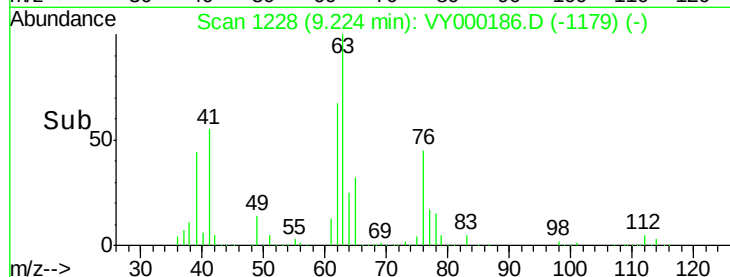
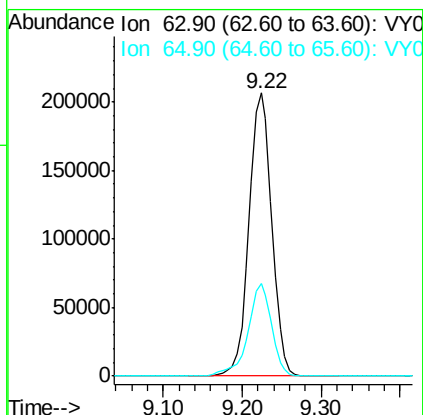
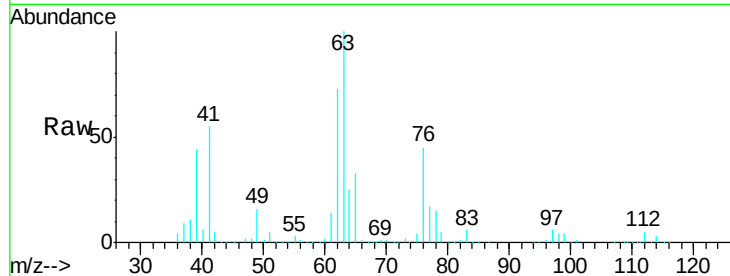




#45
 1,2-Dichloropropane
 Concen: 120.729 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

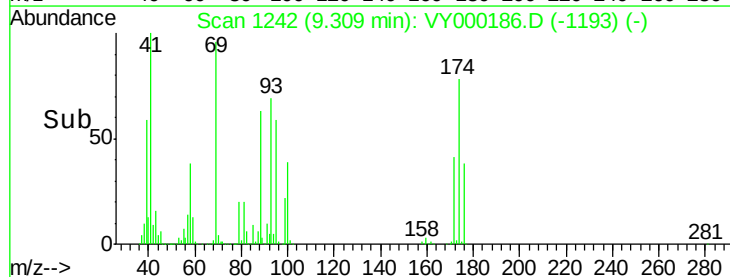
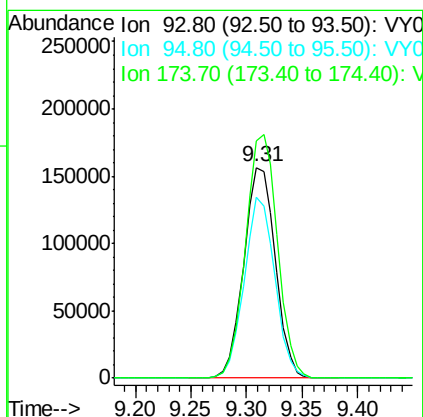
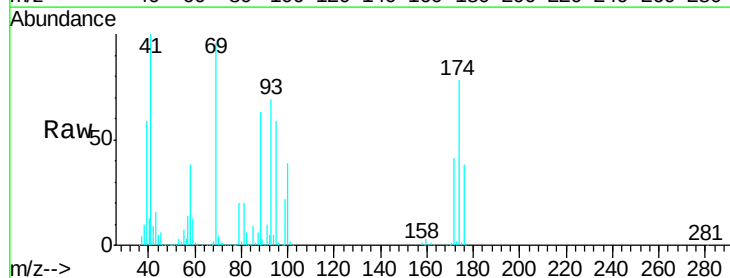
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

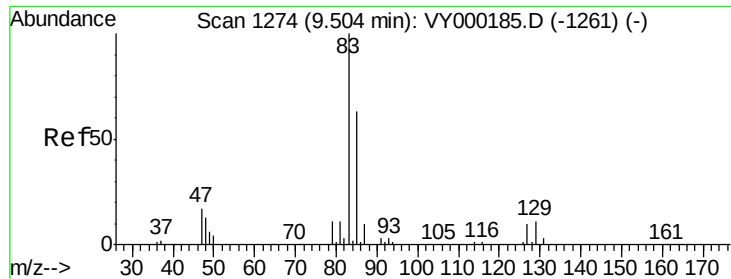
Tgt Ion: 63 Resp: 413635
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.7 38.5



#46
 Dibromomethane
 Concen: 121.478 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion: 93 Resp: 309776
 Ion Ratio Lower Upper
 93 100
 95 83.0 64.4 96.6
 174 116.9 95.1 142.7





#47

Bromodichloromethane

Concen: 117.417 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

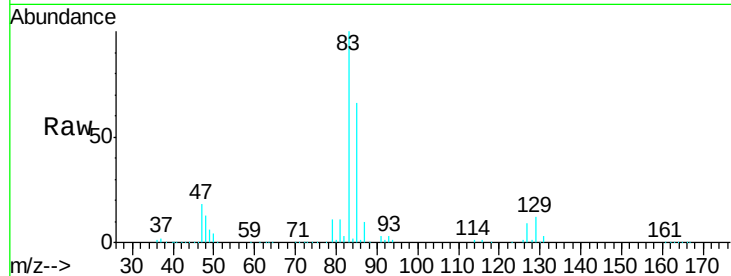
Tgt Ion: 83 Resp: 611676

Ion Ratio Lower Upper

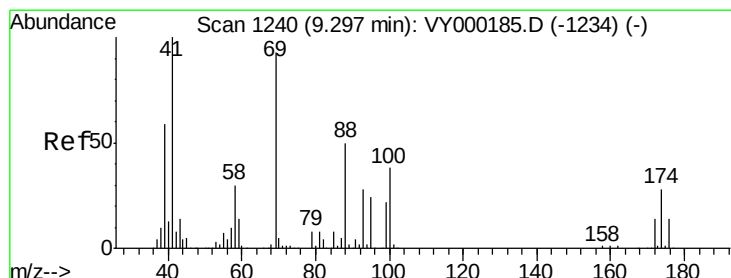
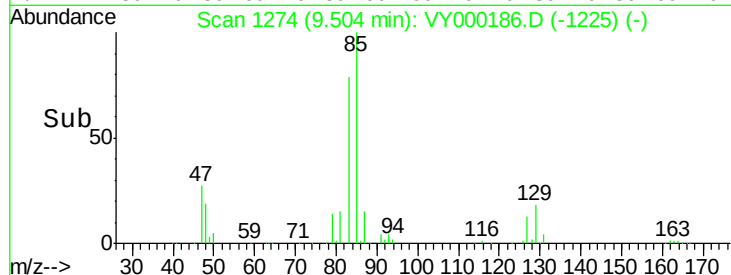
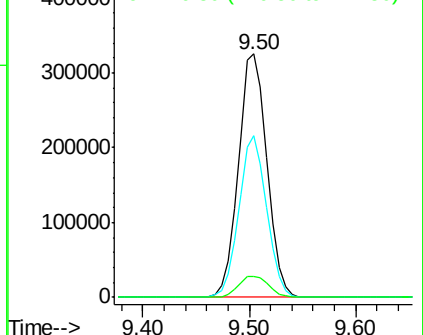
83 100

85 66.3 50.6 76.0

127 8.8 7.7 11.5



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



#48

Methyl methacrylate

Concen: 120.394 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

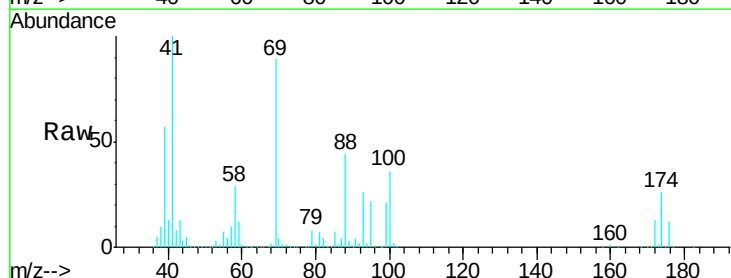
Tgt Ion: 41 Resp: 544666

Ion Ratio Lower Upper

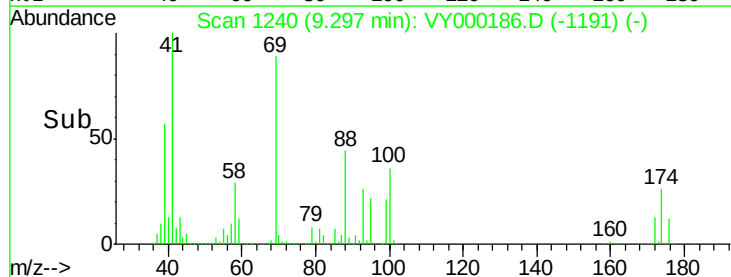
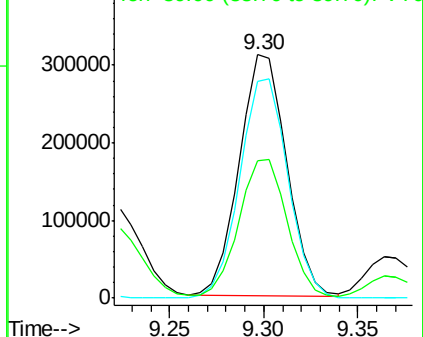
41 100

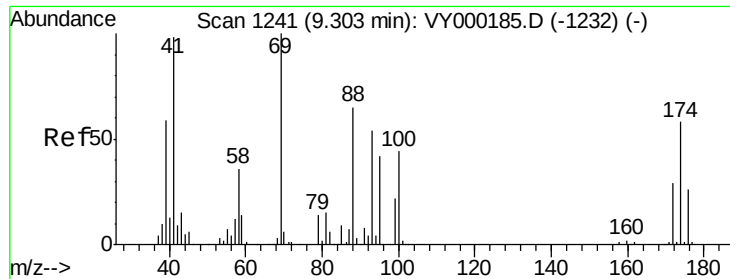
69 92.6 76.5 114.7

39 59.0 49.2 73.8



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

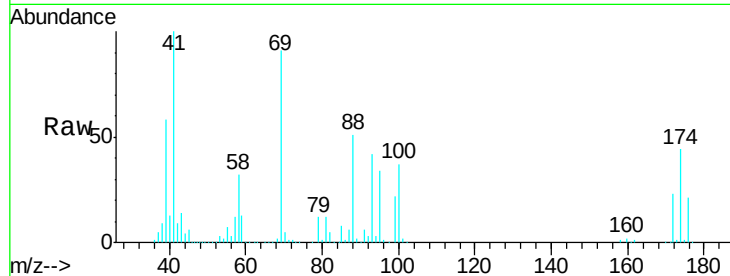




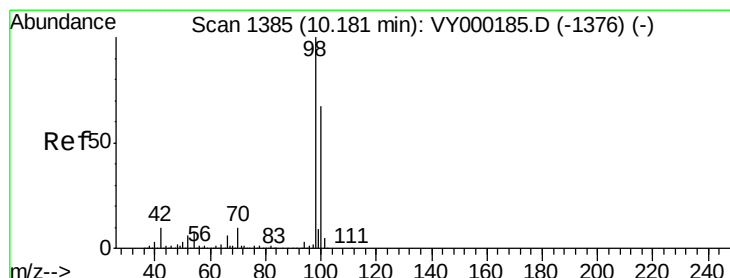
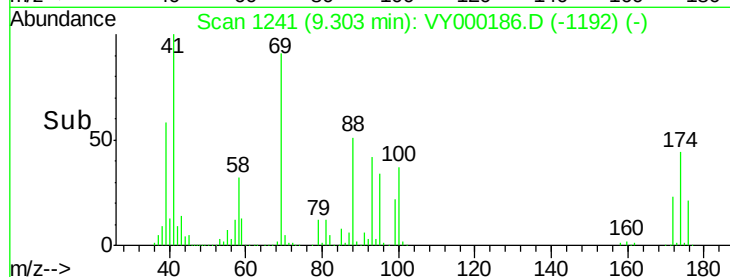
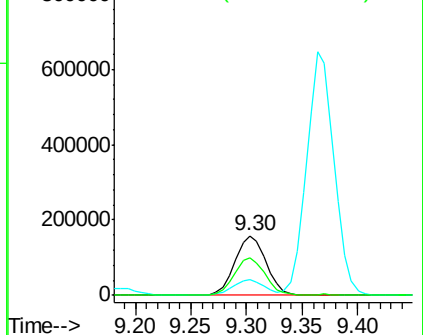
#49
 1,4-Dioxane
 Concen: 2166.258 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion: 88 Resp: 305516
 Ion Ratio Lower Upper
 88 100
 43 26.8 20.4 30.6
 58 62.7 49.0 73.4

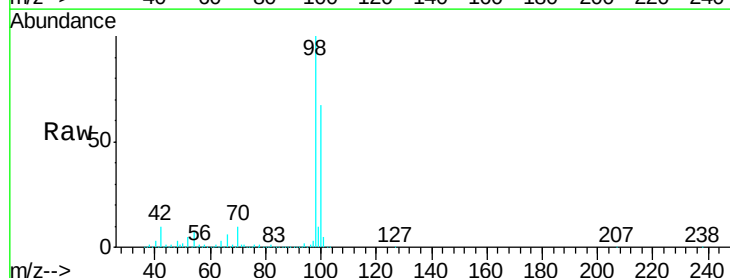


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

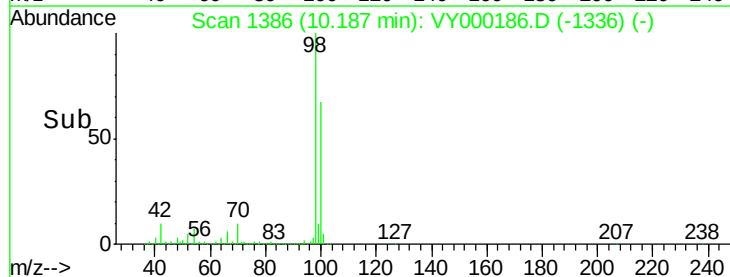
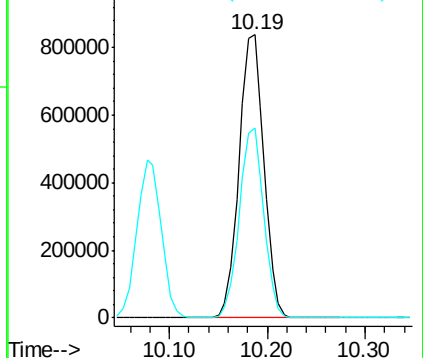


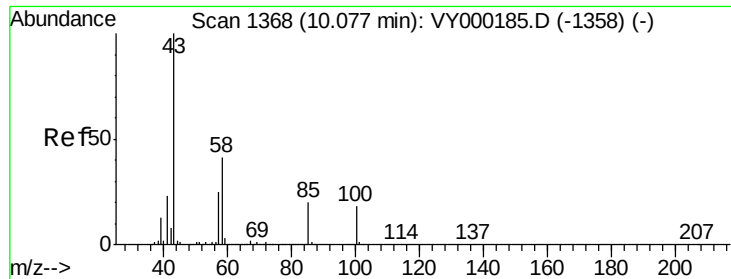
#50
 Toluene-d8
 Concen: 101.458 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion: 98 Resp: 1475658
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.9 80.9



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

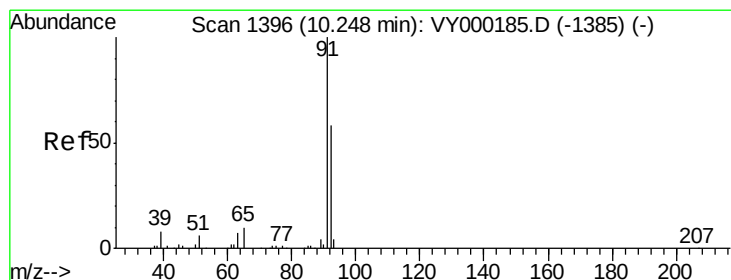
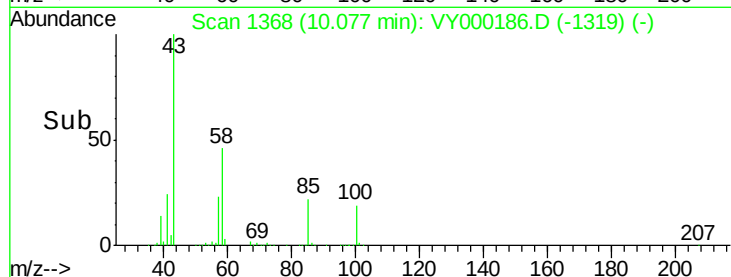
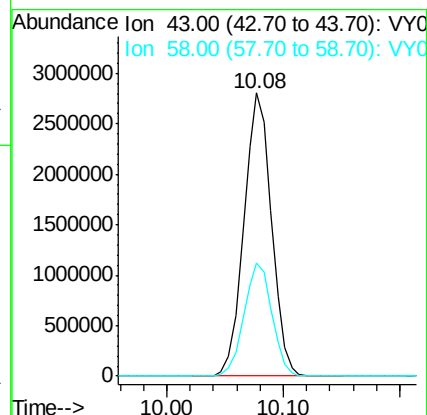
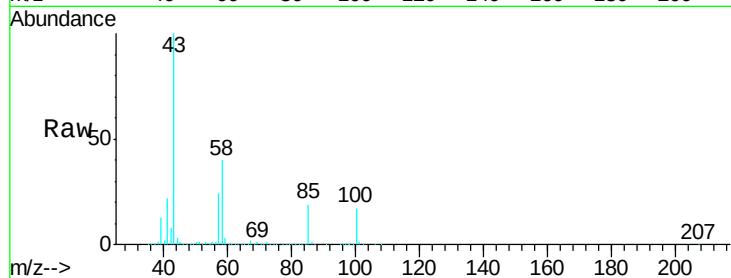




#51
 4-Methyl-2-Pentanone
 Concen: 576.279 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

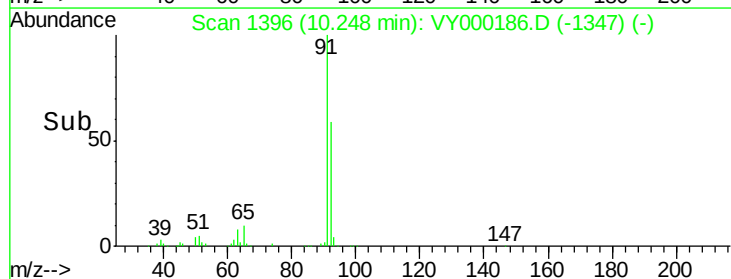
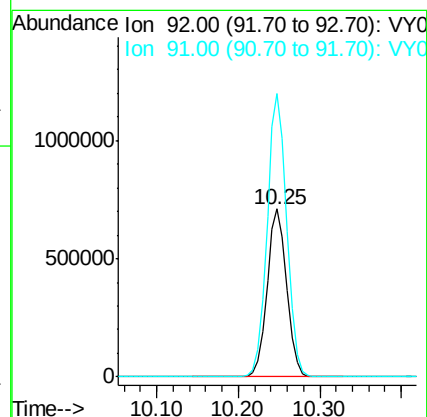
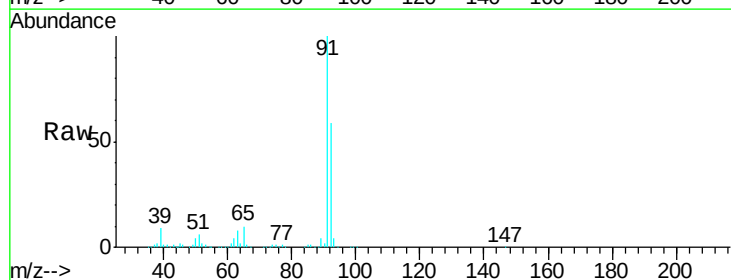
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

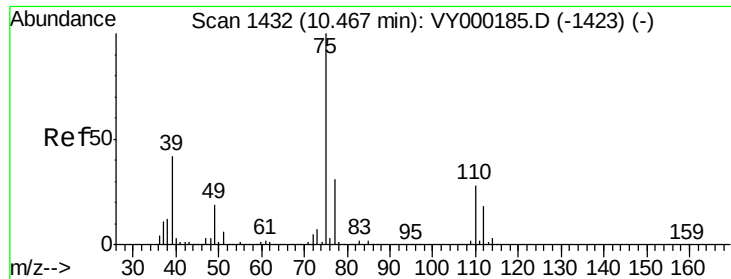
Tgt Ion: 43 Resp: 4613650
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.6 49.0



#52
 Toluene
 Concen: 133.522 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion: 92 Resp: 1179717
 Ion Ratio Lower Upper
 92 100
 91 169.2 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 123.079 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

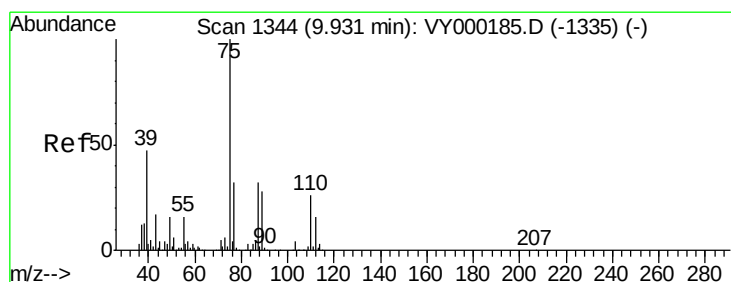
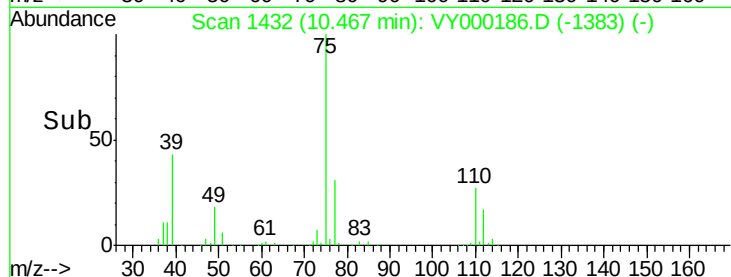
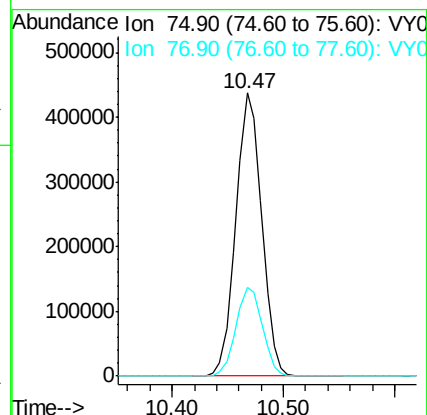
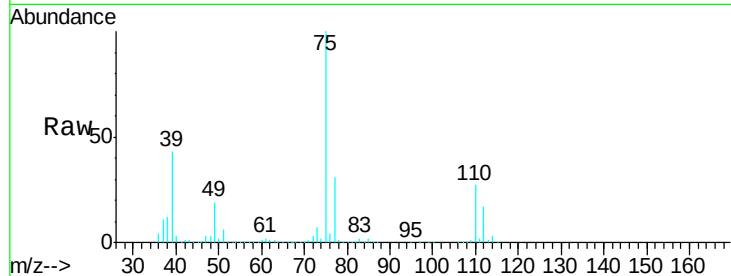
VSTDIC100

Tgt Ion: 75 Resp: 704050

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 125.877 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

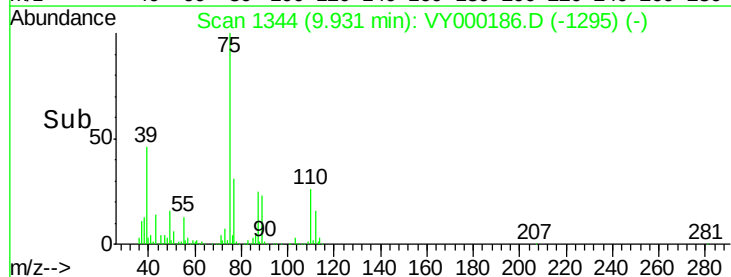
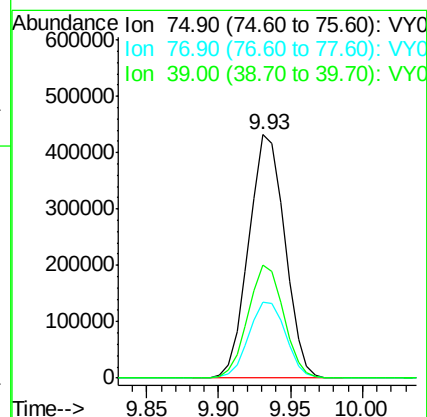
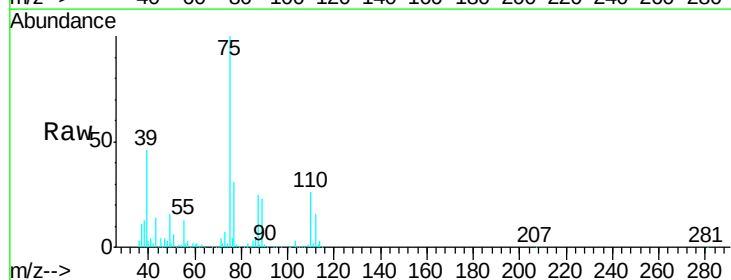
Tgt Ion: 75 Resp: 750862

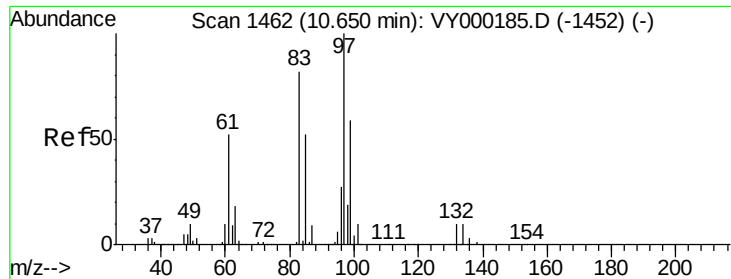
Ion Ratio Lower Upper

75 100

77 31.1 26.0 39.0

39 46.2 37.2 55.8





#55

1,1,2-Trichloroethane

Concen: 111.372 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 452475

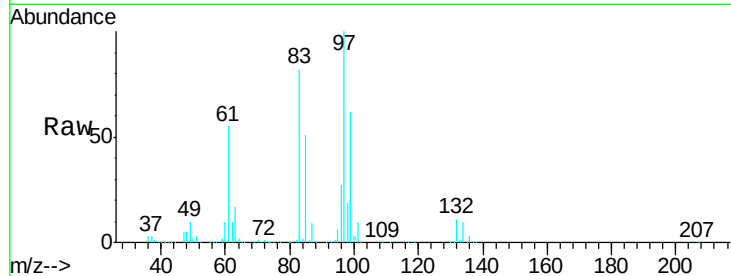
Ion Ratio Lower Upper

97 100

83 82.4 65.4 98.2

85 51.4 41.4 62.0

99 61.9 47.5 71.3

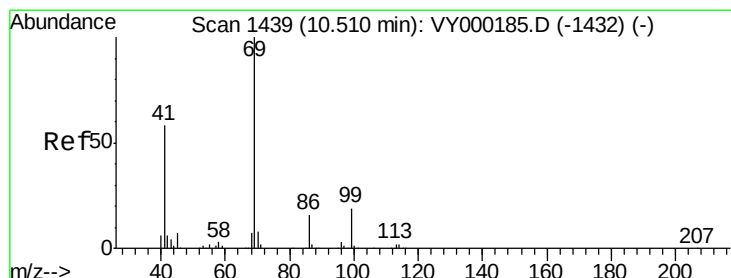
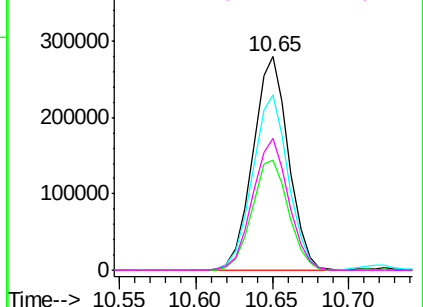
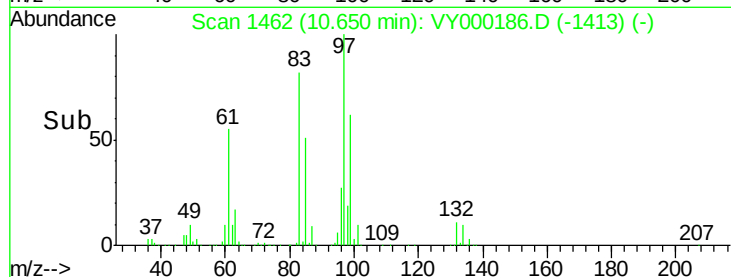


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 120.466 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

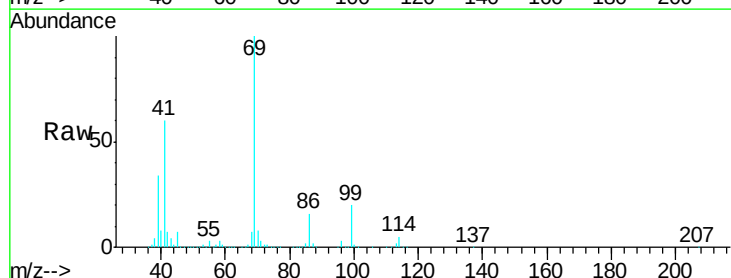
Tgt Ion: 69 Resp: 759592

Ion Ratio Lower Upper

69 100

41 61.4 48.1 72.1

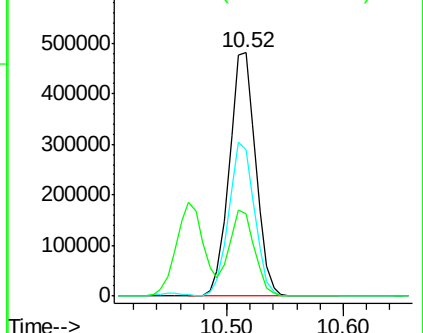
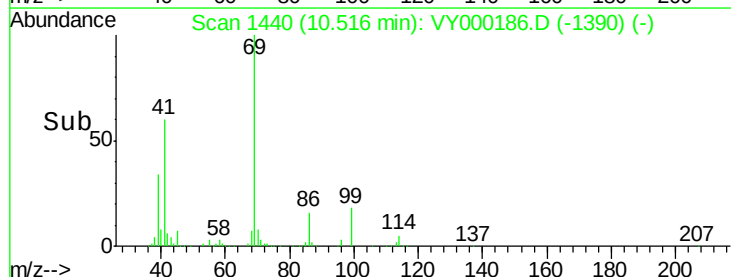
39 33.4 27.2 40.8

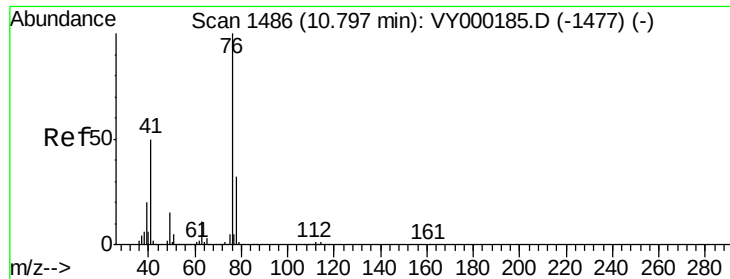


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 116.980 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

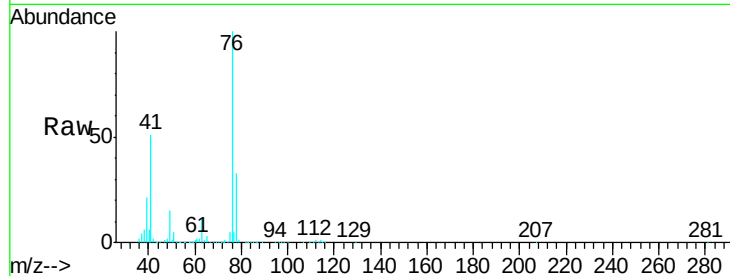
VSTDIC100

Tgt Ion: 76 Resp: 739753

Ion Ratio Lower Upper

76 100

78 32.2 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.80

400000

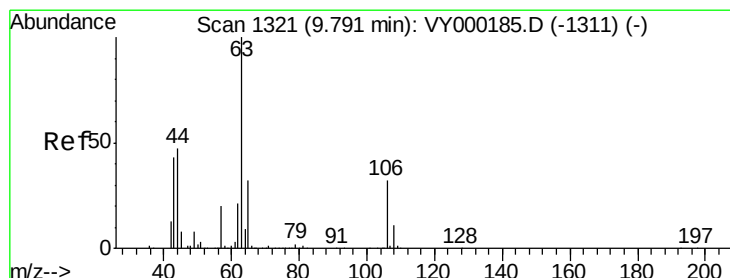
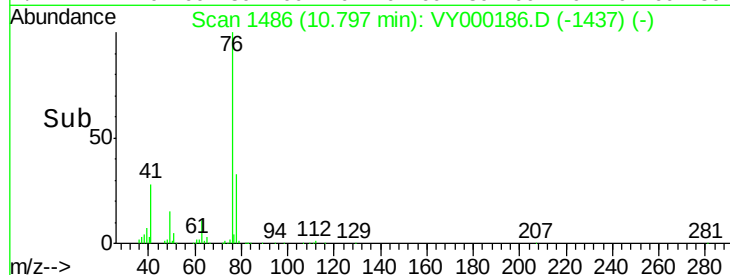
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 525.581 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000186.D

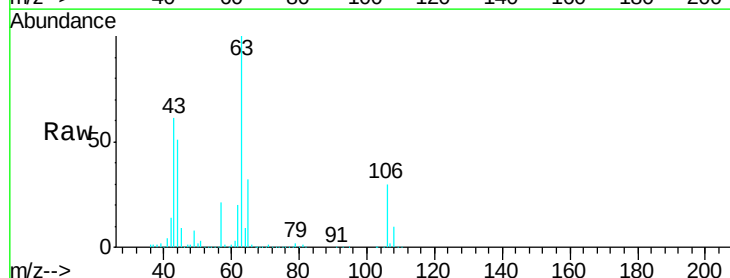
Acq: 03 Oct 2019 16:24

Tgt Ion: 63 Resp: 1691025

Ion Ratio Lower Upper

63 100

106 30.9 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.79

1200000

1000000

800000

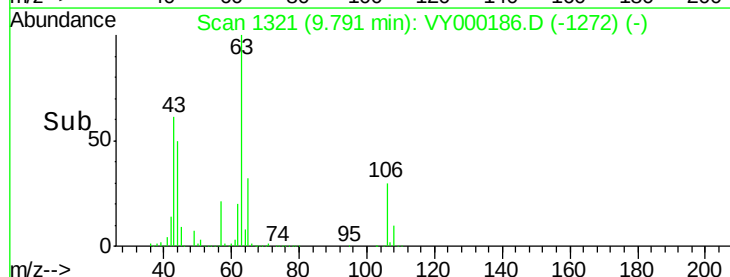
600000

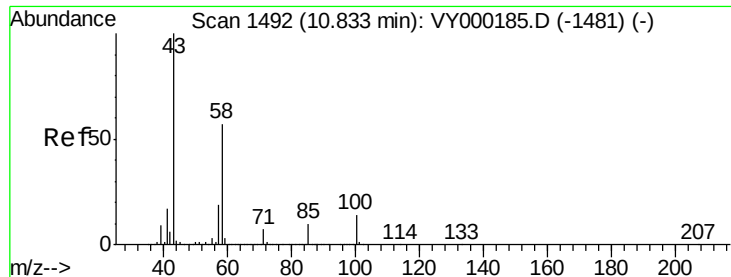
400000

200000

0

Time-->

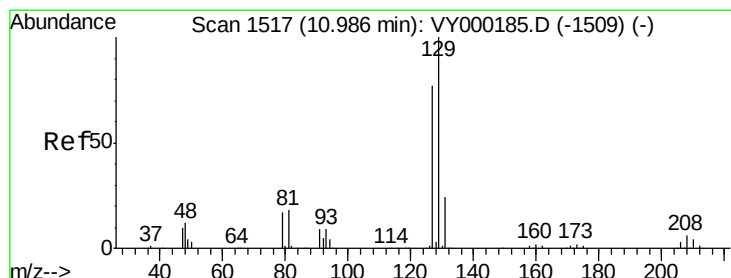
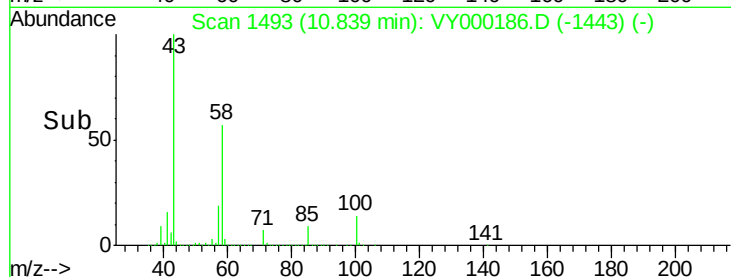
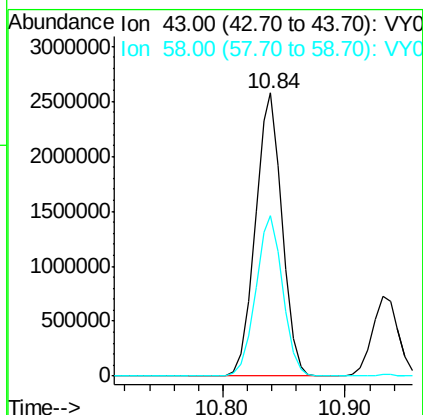
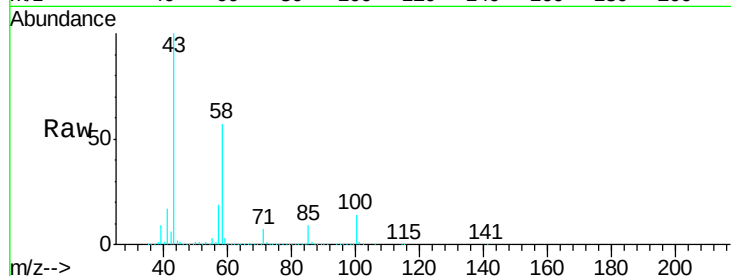




#59
2-Hexanone
Concen: 579.995 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

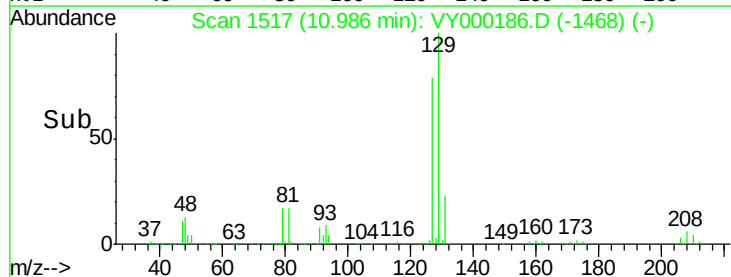
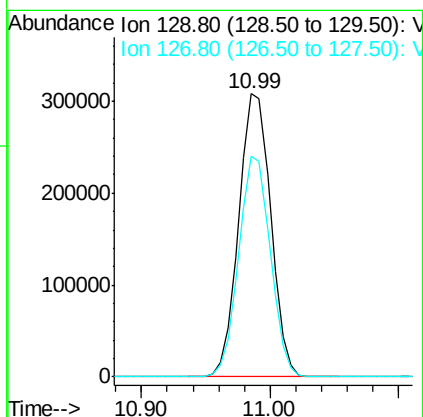
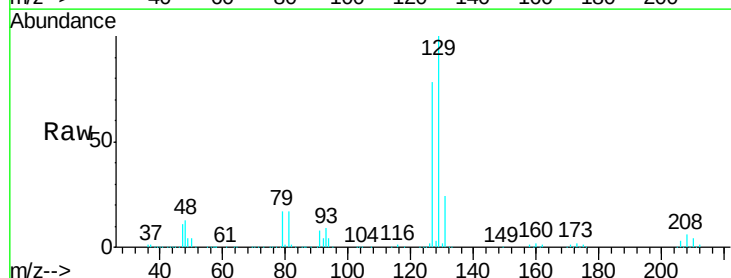
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

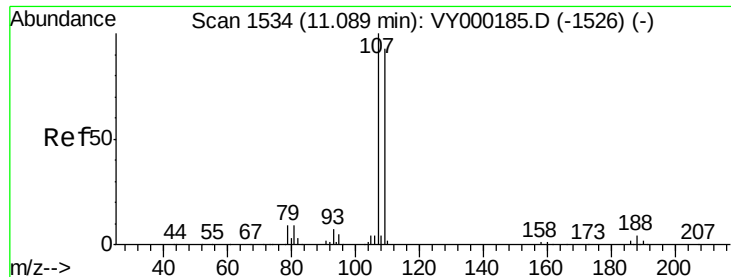
Tgt Ion: 43 Resp: 3911726
Ion Ratio Lower Upper
43 100
58 56.9 28.6 85.8



#60
Dibromochloromethane
Concen: 113.468 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion: 129 Resp: 530297
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8

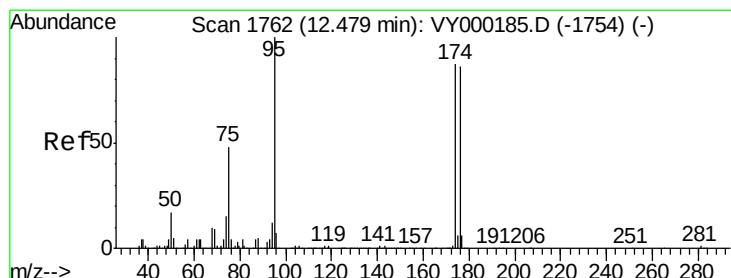
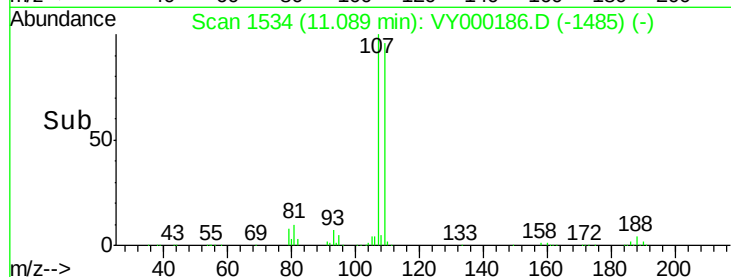
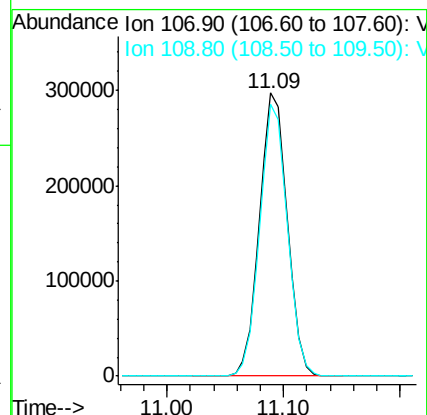
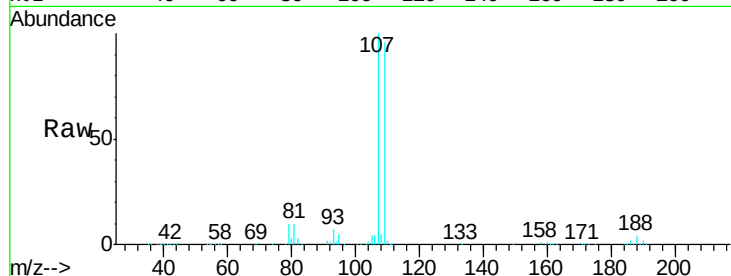




#61
1,2-Dibromoethane
Concen: 120.652 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

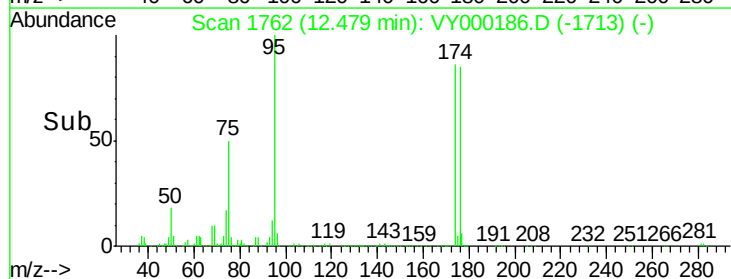
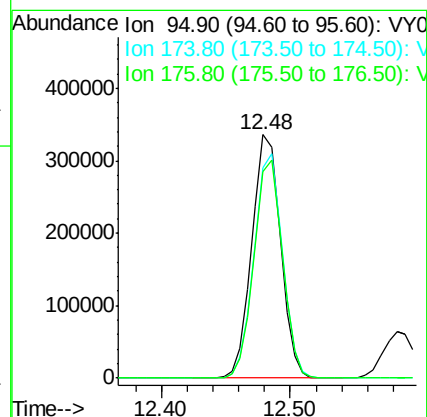
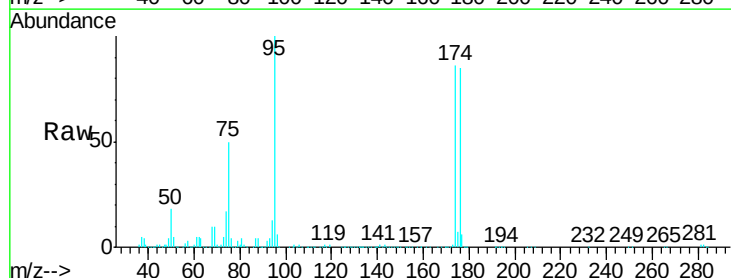
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

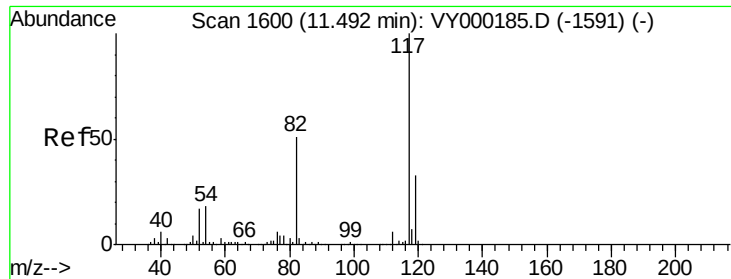
Tgt Ion: 107 Resp: 496999
Ion Ratio Lower Upper
107 100
109 95.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 101.285 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion: 95 Resp: 514342
Ion Ratio Lower Upper
95 100
174 91.1 0.0 188.6
176 88.9 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

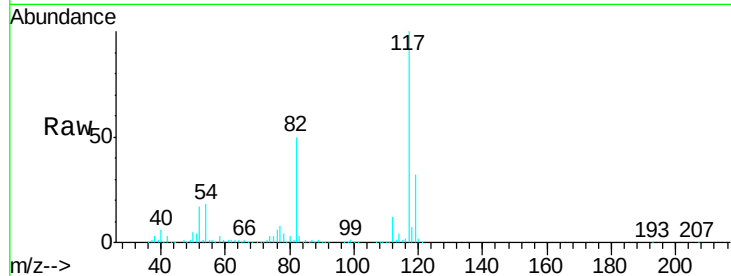
Tgt Ion:117 Resp: 552186

Ion Ratio Lower Upper

117 100

82 50.0 41.0 61.4

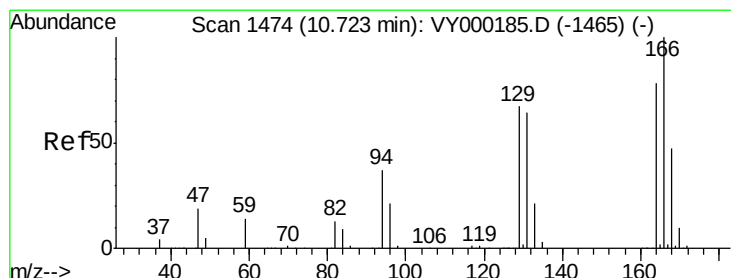
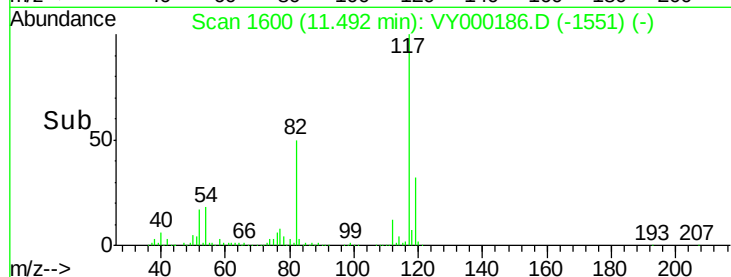
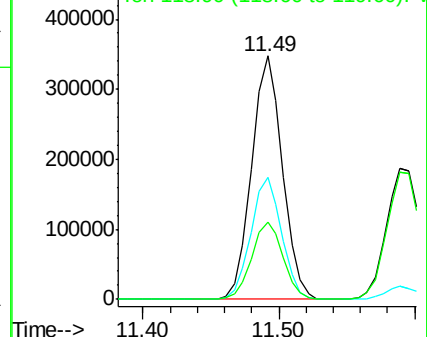
119 31.6 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 123.417 ug/l

RT: 10.72 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Tgt Ion:164 Resp: 530801

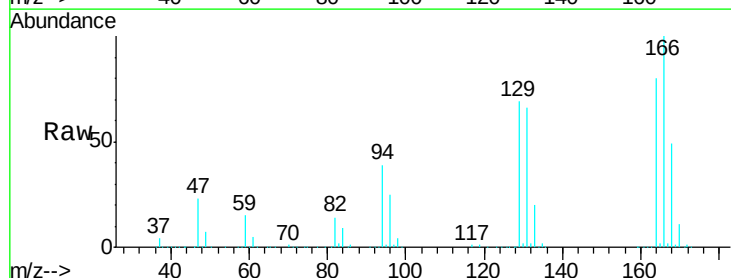
Ion Ratio Lower Upper

164 100

166 125.4 103.2 154.8

129 86.4 69.0 103.4

131 82.8 66.4 99.6

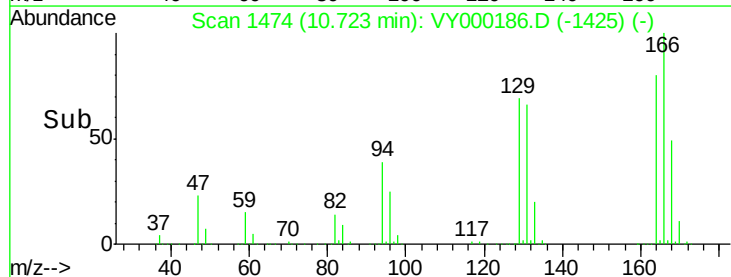
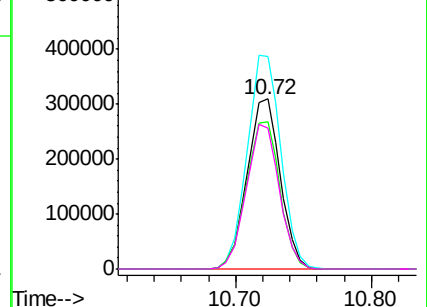


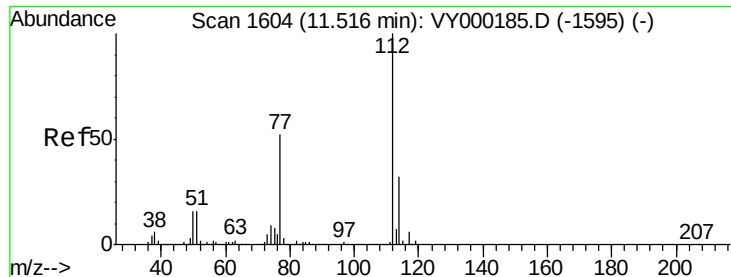
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 120.064 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

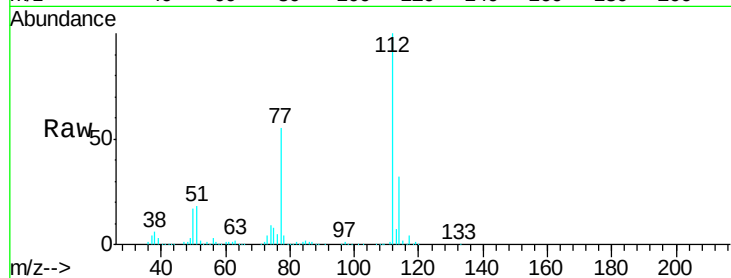
VSTDIC100

Tgt Ion:112 Resp: 1257360

Ion Ratio Lower Upper

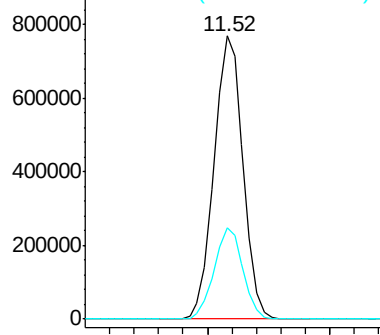
112 100

114 32.3 25.6 38.4

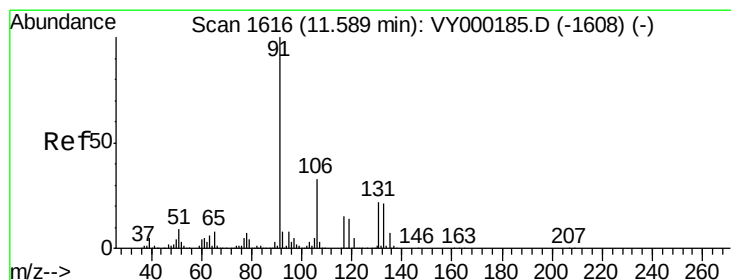
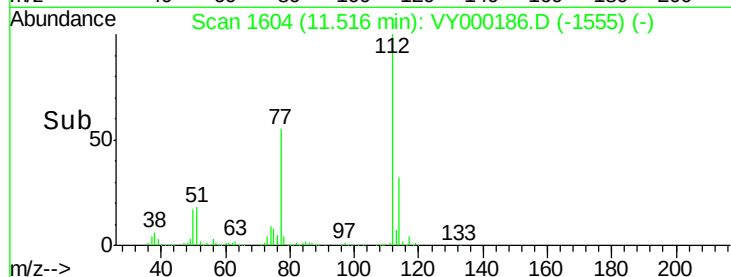


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 107.343 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

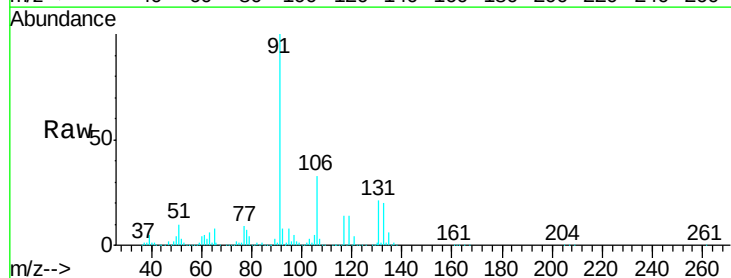
Tgt Ion:131 Resp: 463560

Ion Ratio Lower Upper

131 100

133 96.5 47.4 142.3

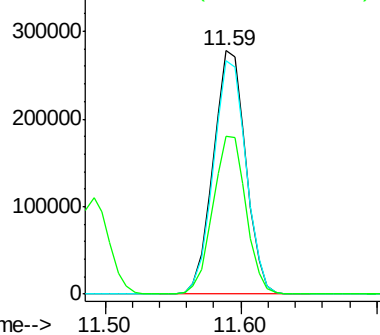
119 66.1 32.6 98.0



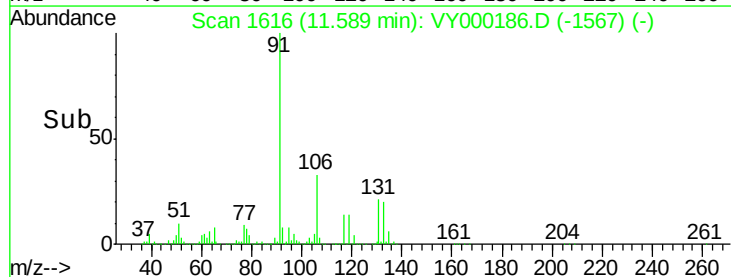
Abundance Ion 130.80 (130.50 to 131.50): V

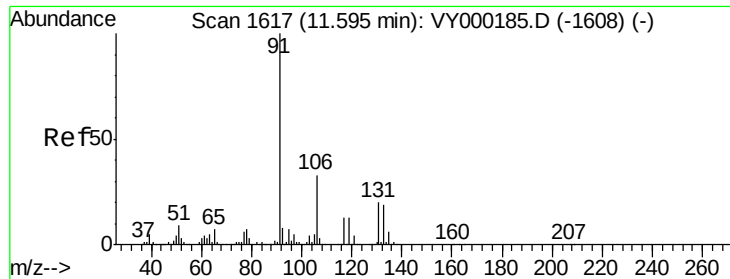
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->





#67

Ethyl Benzene

Concen: 126.410 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

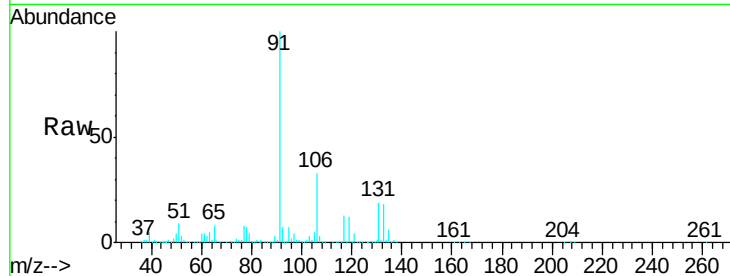
VSTDIC100

Tgt Ion: 91 Resp: 2208711

Ion Ratio Lower Upper

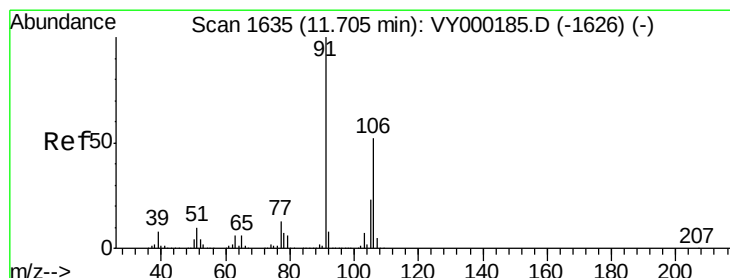
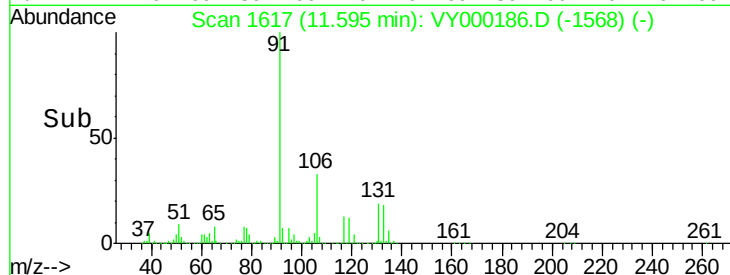
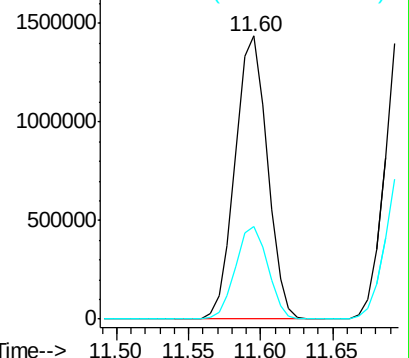
91 100

106 32.8 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): VY0



#68

m/p-Xylenes

Concen: 253.667 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VY000186.D

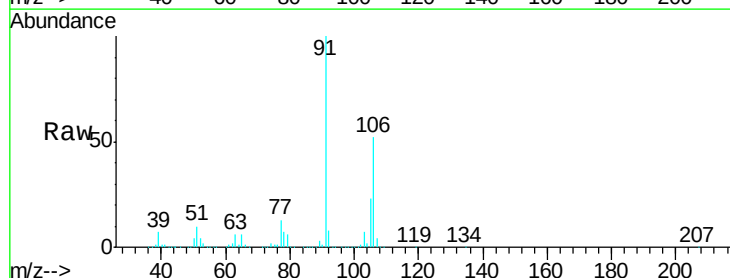
Acq: 03 Oct 2019 16:24

Tgt Ion: 106 Resp: 1758639

Ion Ratio Lower Upper

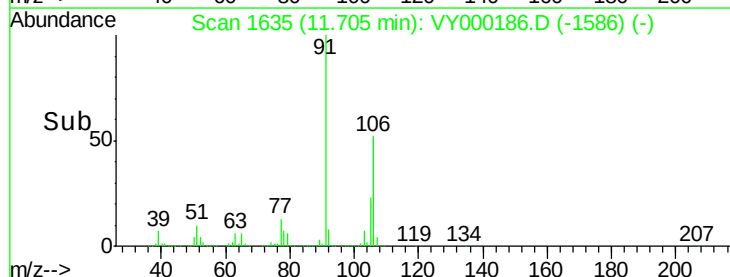
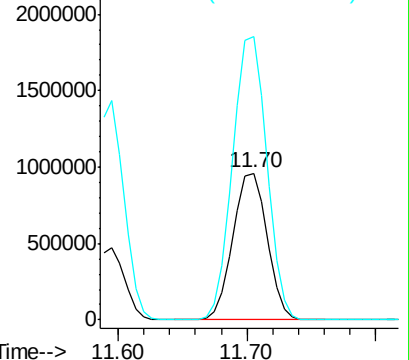
106 100

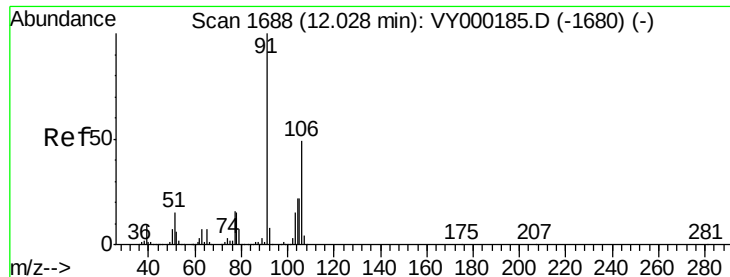
91 192.9 151.7 227.5



Abundance Ion 106.00 (105.70 to 106.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

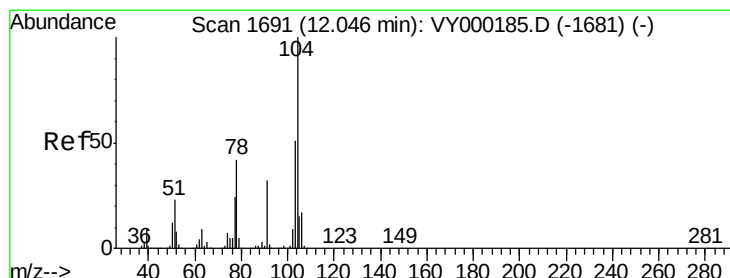
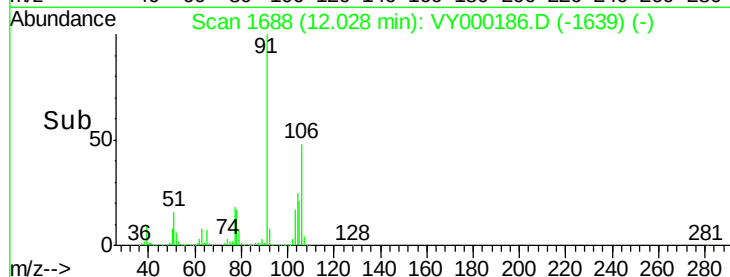
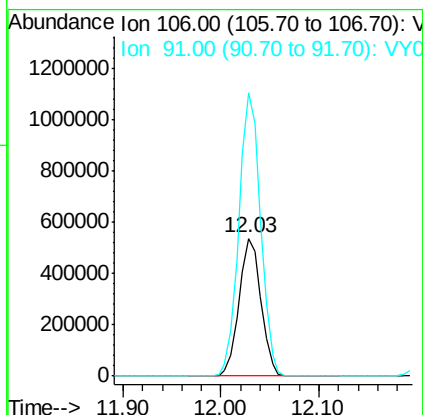
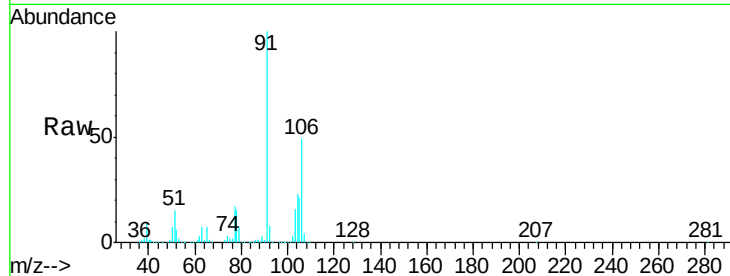




#69
o-Xylene
Concen: 120.320 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

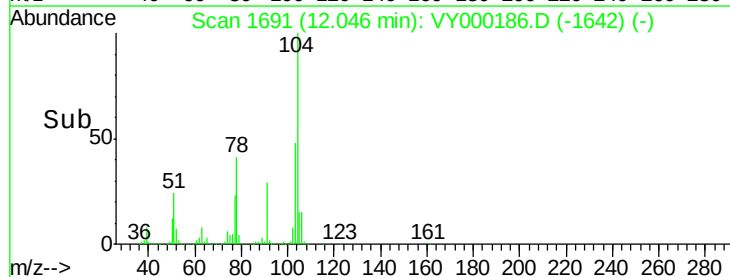
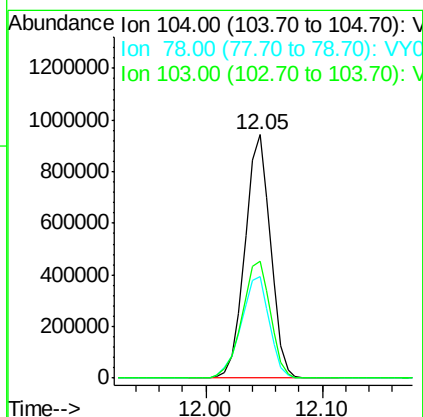
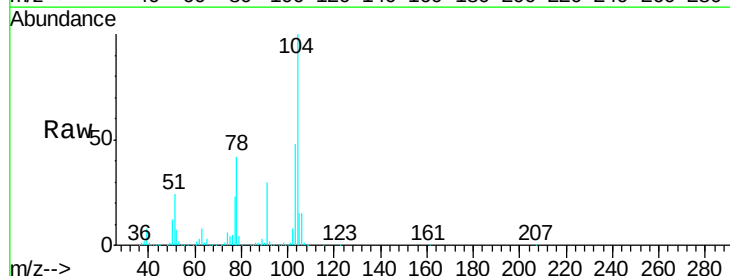
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

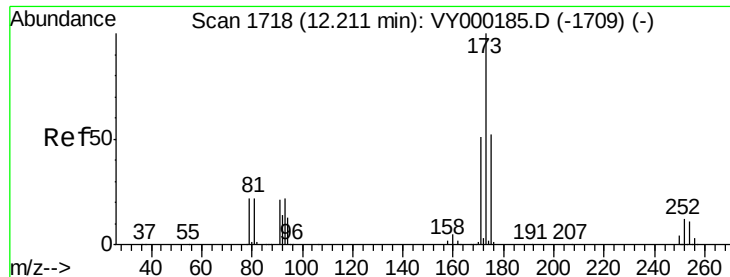
Tgt Ion:106 Resp: 836004
Ion Ratio Lower Upper
106 100
91 203.8 98.7 296.1



#70
Styrene
Concen: 120.402 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion:104 Resp: 1440720
Ion Ratio Lower Upper
104 100
78 46.4 36.3 54.5
103 53.5 43.1 64.7





#71

Bromoform

Concen: 106.980 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

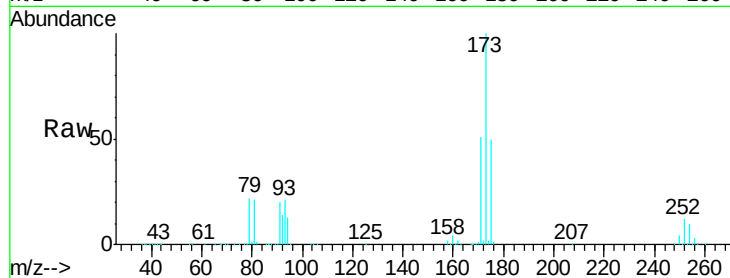
Tgt Ion:173 Resp: 425581

Ion Ratio Lower Upper

173 100

175 48.7 24.5 73.5

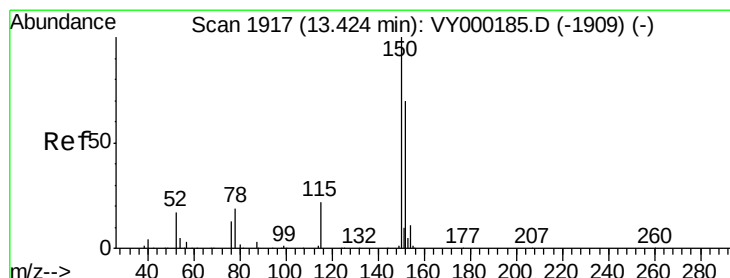
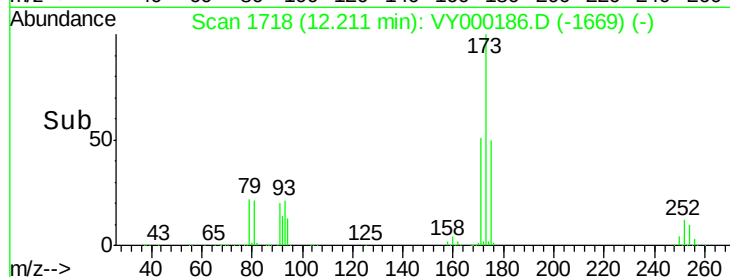
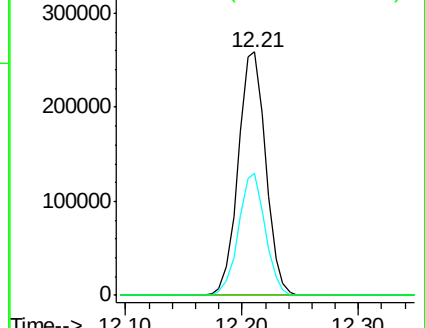
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

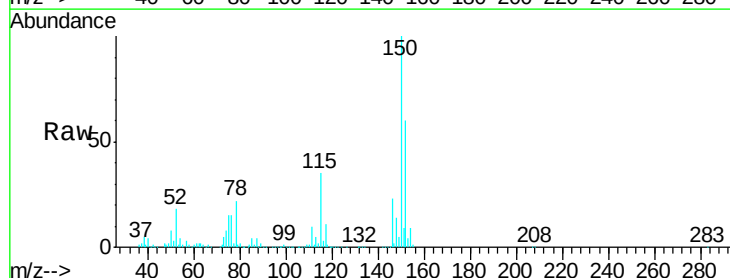
Tgt Ion:152 Resp: 273982

Ion Ratio Lower Upper

152 100

115 55.4 27.2 81.6

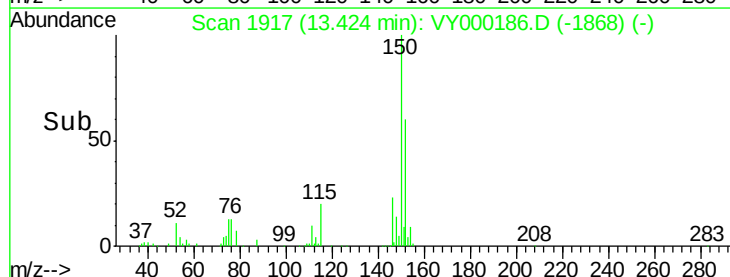
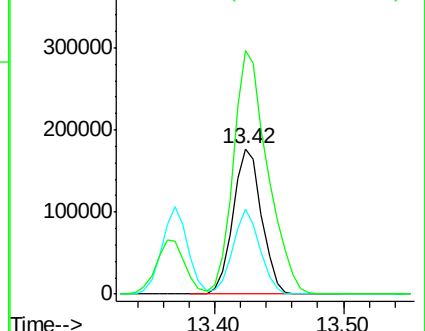
150 199.1 0.0 351.2

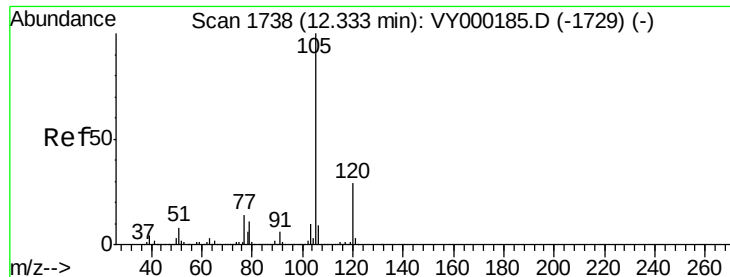


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 122.223 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

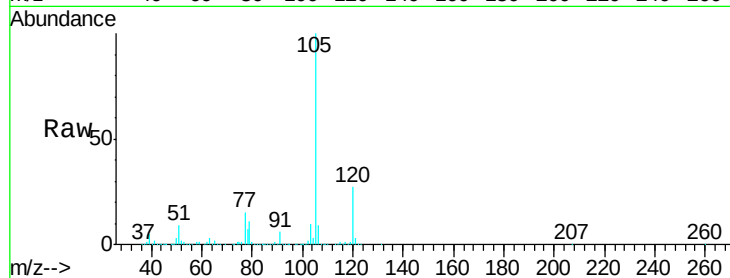
VSTDIC100

Tgt Ion:105 Resp: 2212382

Ion Ratio Lower Upper

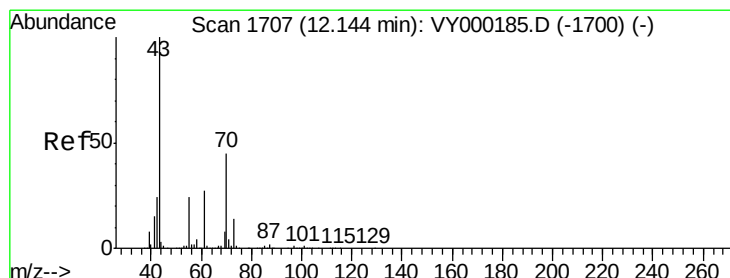
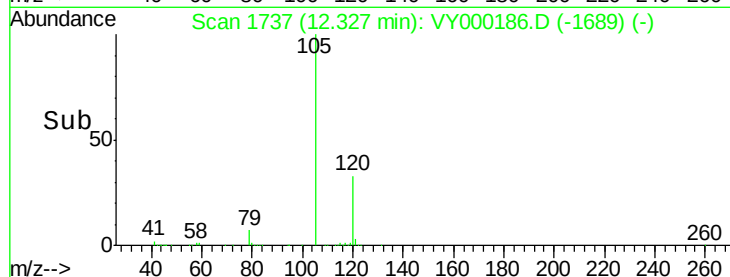
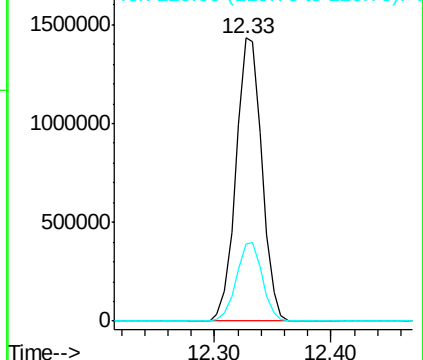
105 100

120 27.9 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 124.952 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Tgt Ion: 43 Resp: 995218

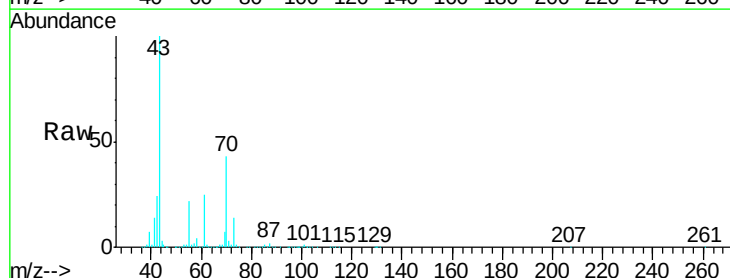
Ion Ratio Lower Upper

43 100

70 44.8 36.7 55.1

55 22.7 18.6 27.8

61 25.5 21.0 31.6

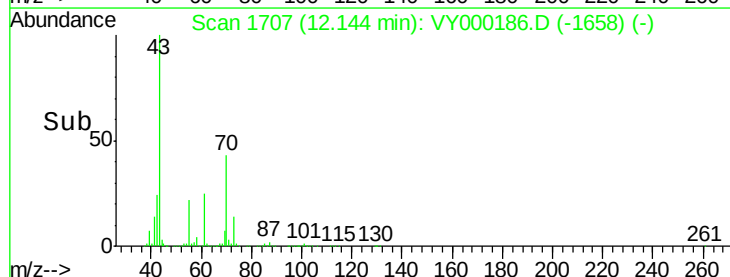
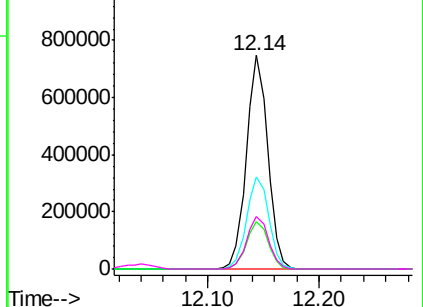


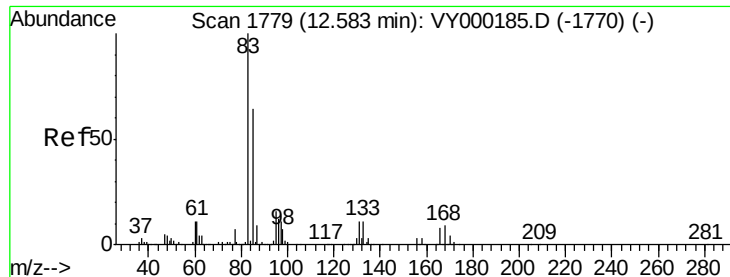
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 104.997 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

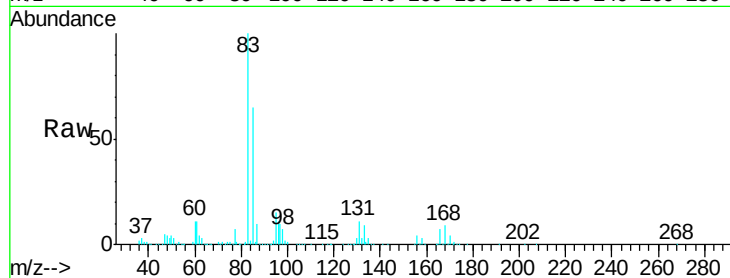
Tgt Ion: 83 Resp: 674477

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

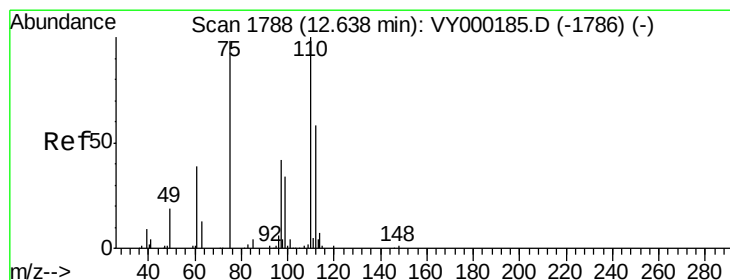
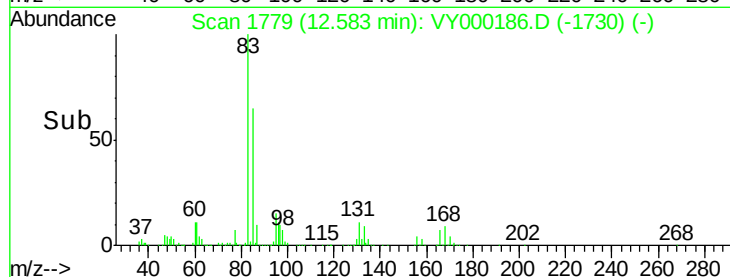
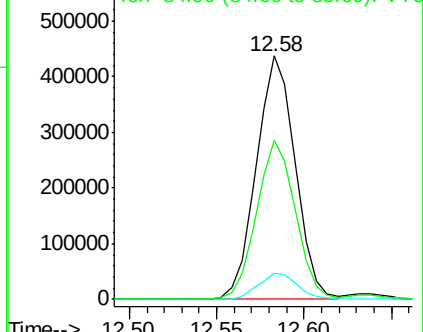
85 65.0 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY000186.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000186.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000186.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 216.149 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY000186.D

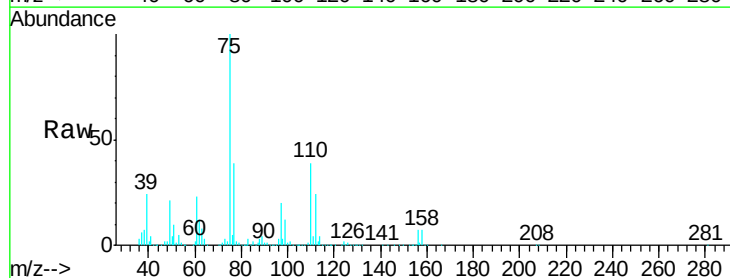
Acq: 03 Oct 2019 16:24

Tgt Ion: 75 Resp: 1038370

Ion Ratio Lower Upper

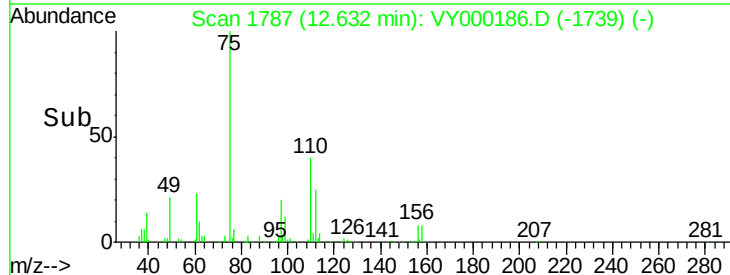
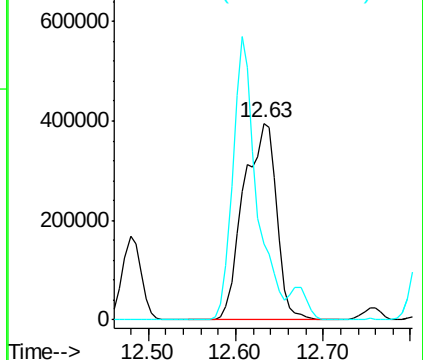
75 100

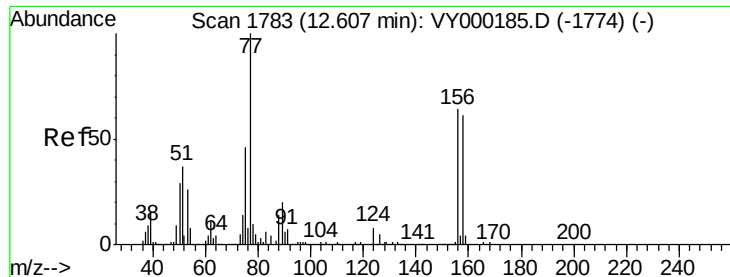
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000186.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY000186.D (-1739) (-)





#77

Bromobenzene

Concen: 110.502 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

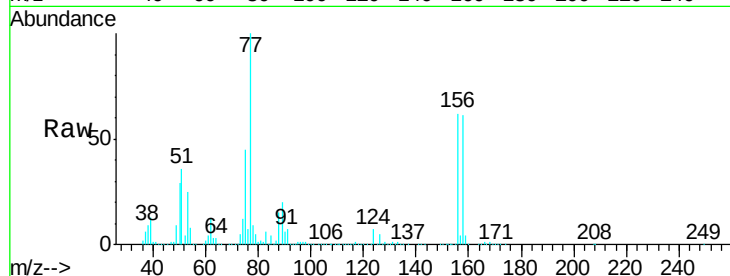
Tgt Ion:156 Resp: 550444

Ion Ratio Lower Upper

156 100

77 197.1 95.3 285.8

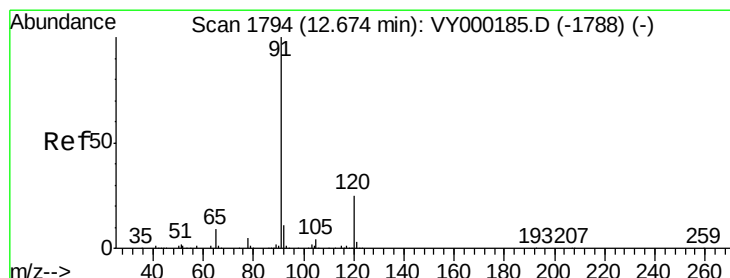
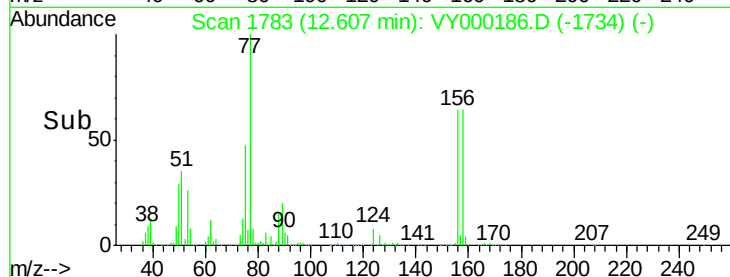
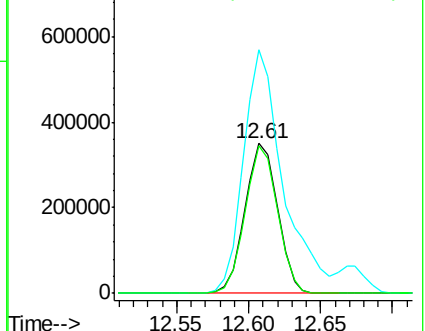
158 97.1 48.0 144.2



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: 125.426 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000186.D

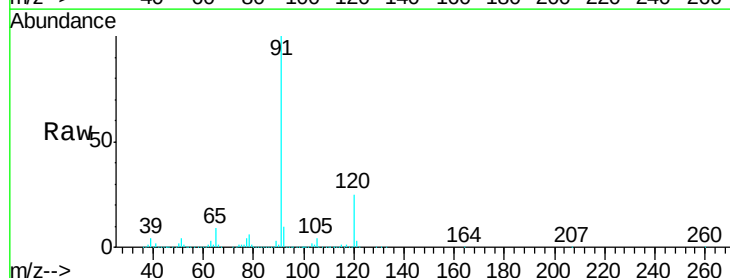
Acq: 03 Oct 2019 16:24

Tgt Ion: 91 Resp: 2538691

Ion Ratio Lower Upper

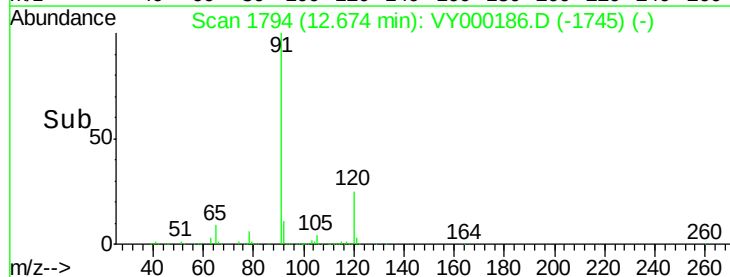
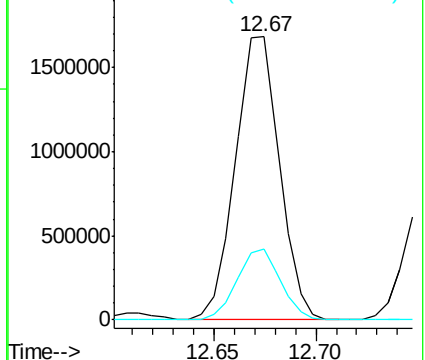
91 100

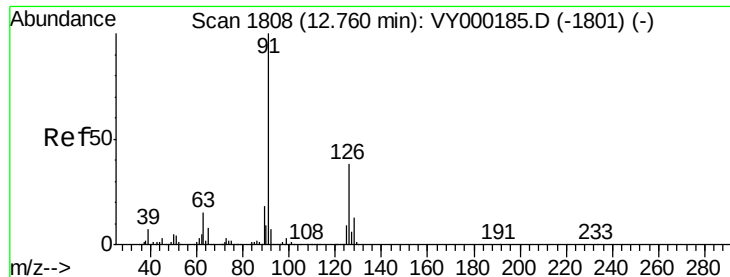
120 24.5 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 118.610 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

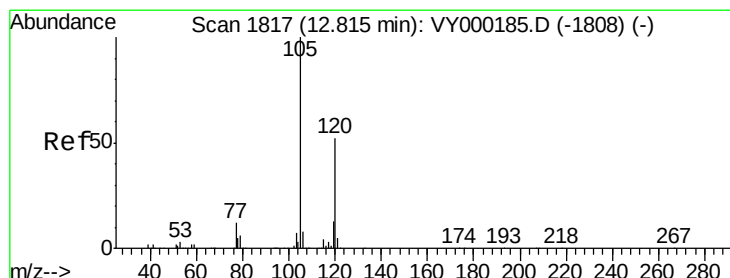
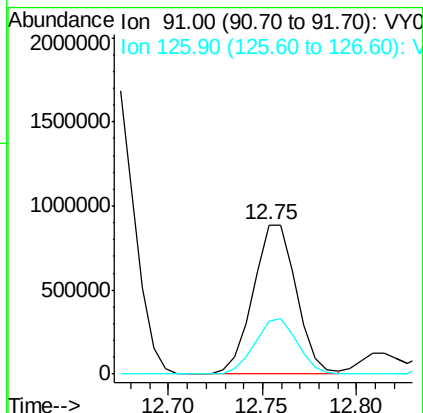
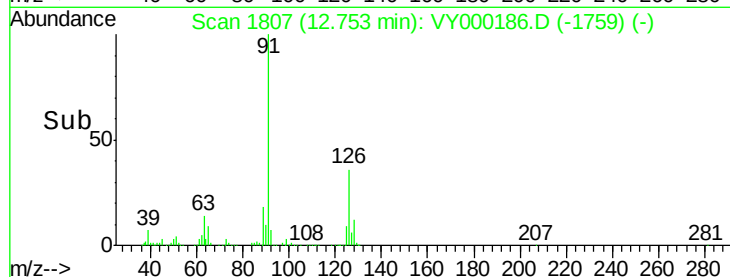
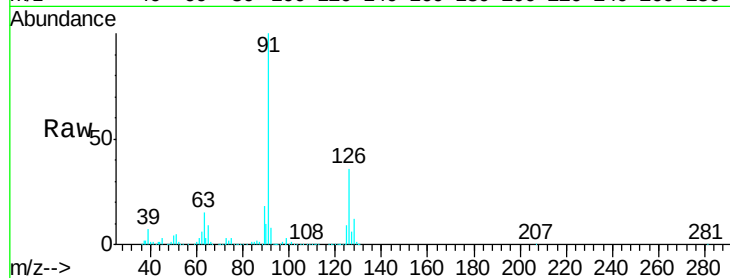
VSTDIC100

Tgt Ion: 91 Resp: 1414525

Ion Ratio Lower Upper

91 100

126 36.7 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 121.593 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000186.D

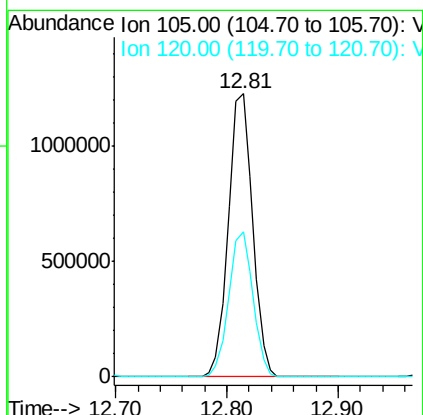
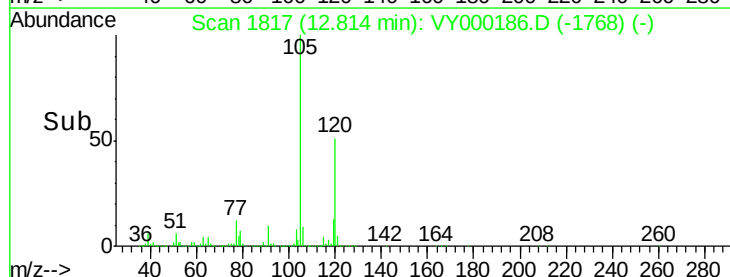
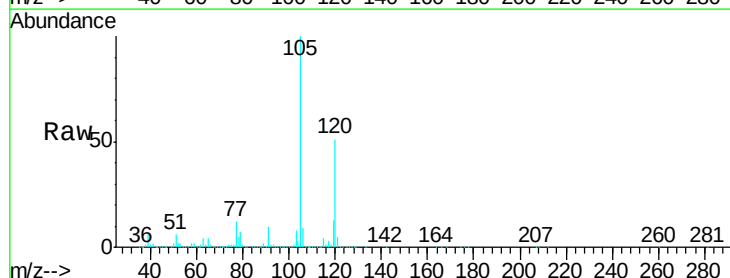
Acq: 03 Oct 2019 16:24

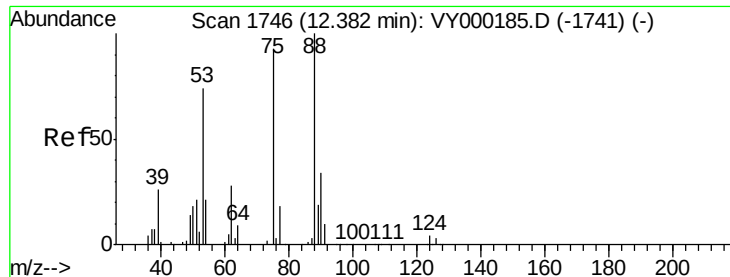
Tgt Ion: 105 Resp: 1845643

Ion Ratio Lower Upper

105 100

120 51.3 25.9 77.6





#81

trans-1,4-Dichloro-2-butene

Concen: 116.708 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

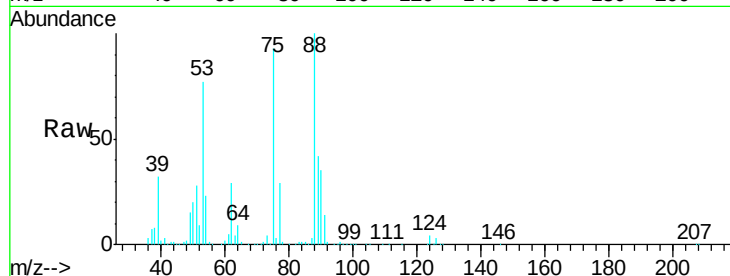
Tgt Ion: 75 Resp: 313145

Ion Ratio Lower Upper

75 100

53 83.5 67.7 101.5

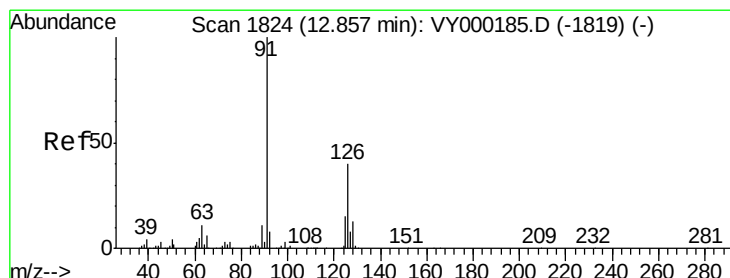
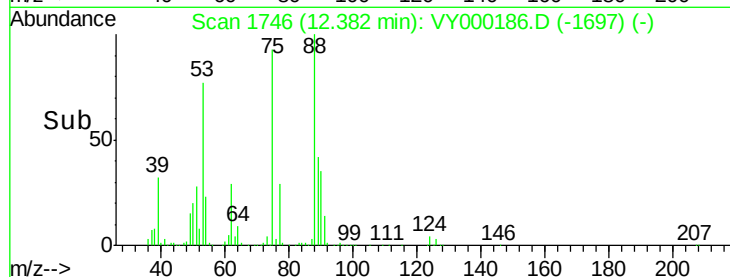
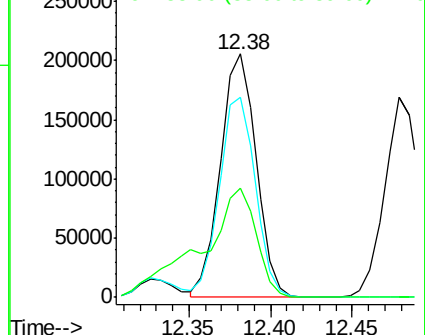
89 70.5 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 115.873 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY000186.D

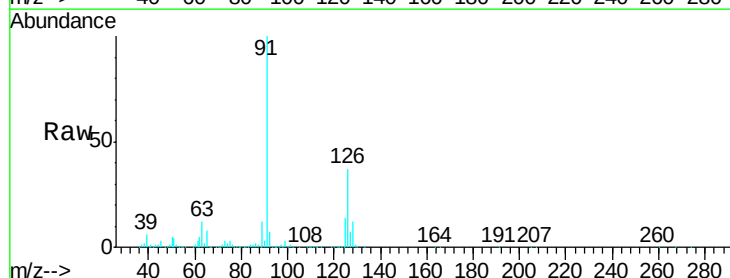
Acq: 03 Oct 2019 16:24

Tgt Ion: 91 Resp: 1471339

Ion Ratio Lower Upper

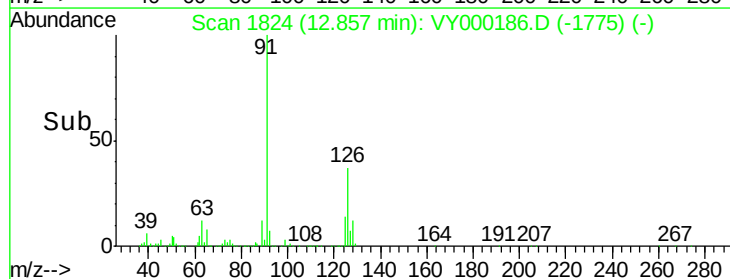
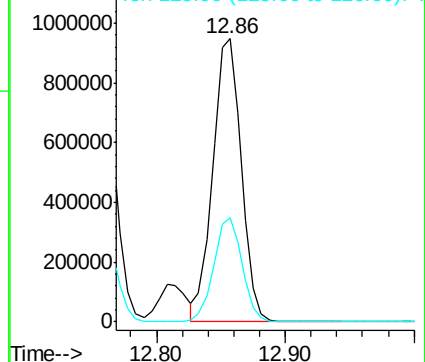
91 100

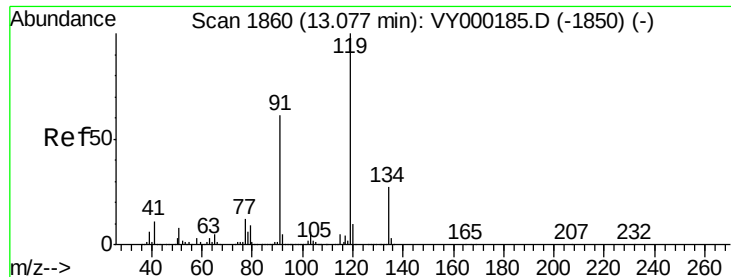
126 36.6 18.4 55.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

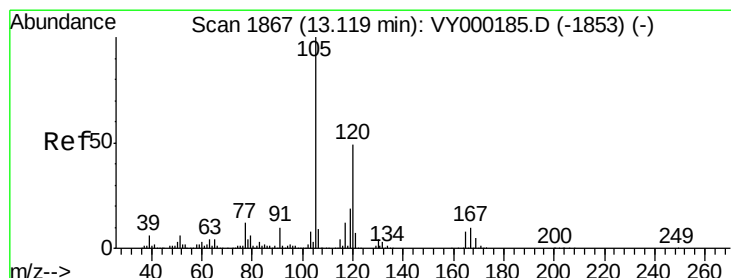
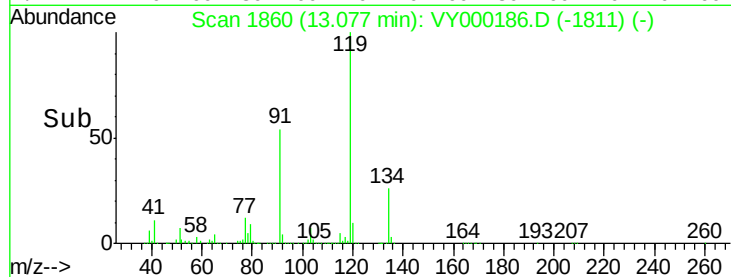
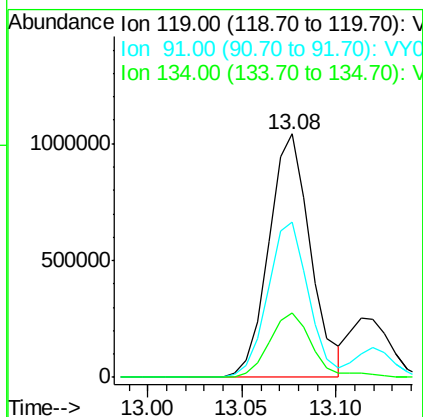
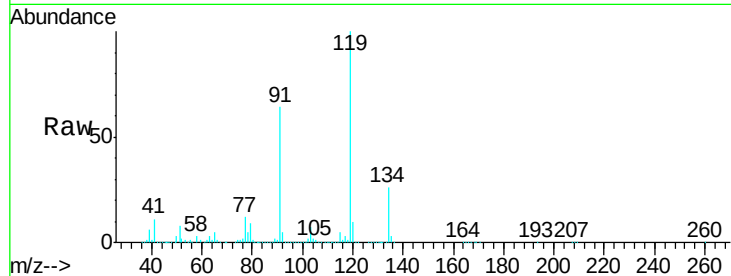




#83
 tert-Butylbenzene
 Concen: 115.430 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

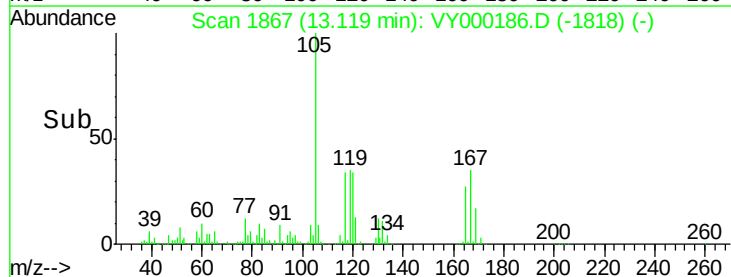
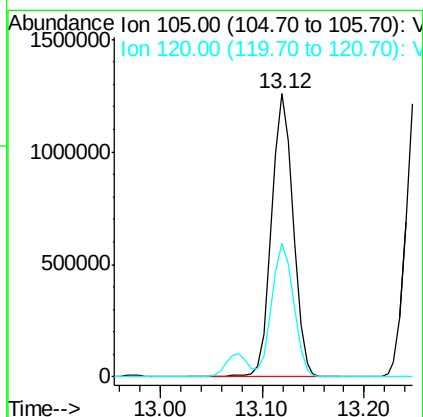
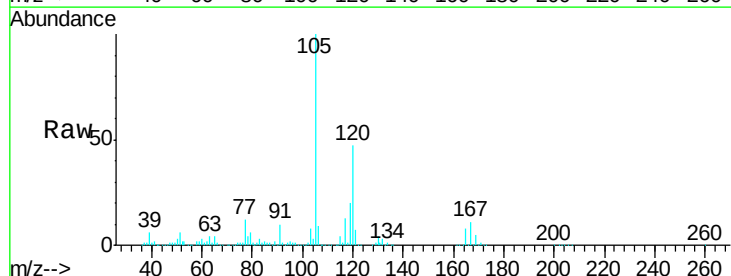
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

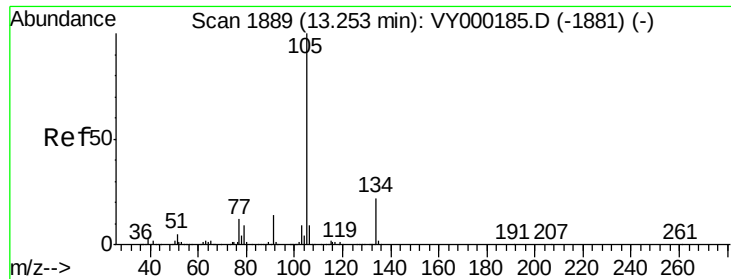
Tgt Ion:119 Resp: 1596965
 Ion Ratio Lower Upper
 119 100
 91 61.9 30.6 92.0
 134 27.3 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 121.746 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion:105 Resp: 1834071
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.0 72.0





#85

sec-Butylbenzene

Concen: 119.480 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

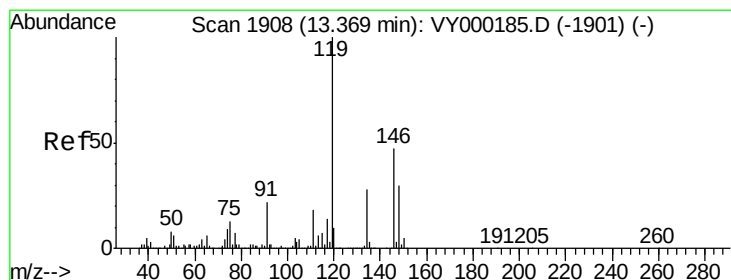
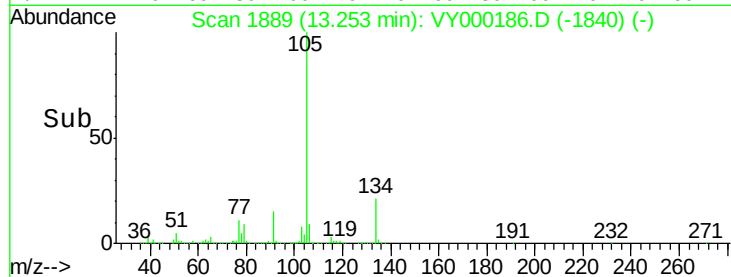
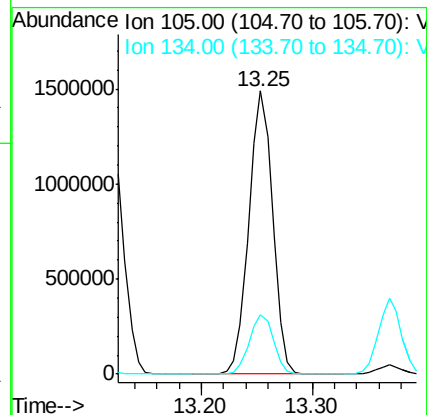
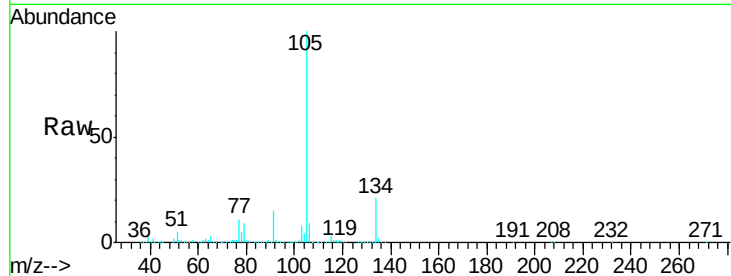
VSTDIC100

Tgt Ion:105 Resp: 2212370

Ion Ratio Lower Upper

105 100

134 21.3 10.9 32.9



#86

p-Isopropyltoluene

Concen: 119.816 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

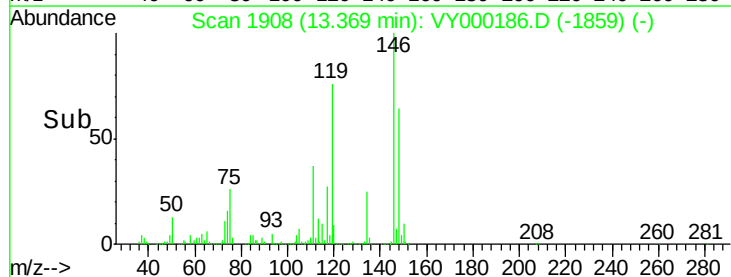
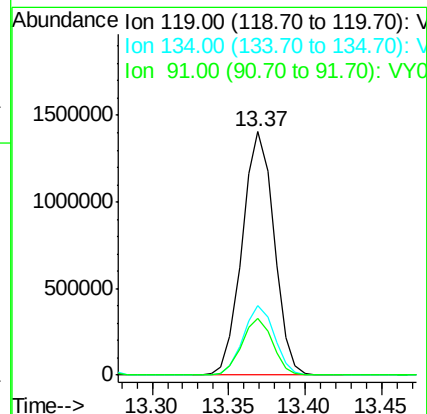
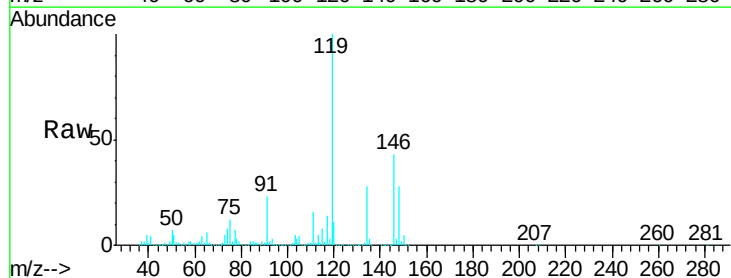
Tgt Ion:119 Resp: 2035029

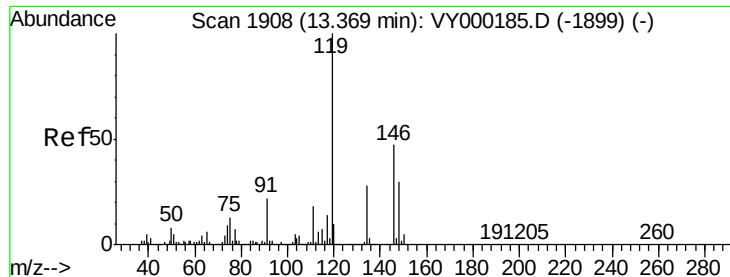
Ion Ratio Lower Upper

119 100

134 27.9 14.1 42.2

91 22.7 11.2 33.5

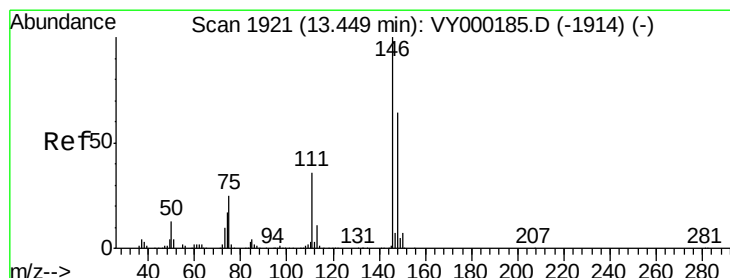
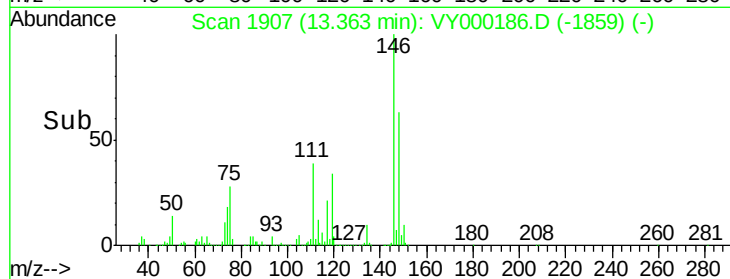
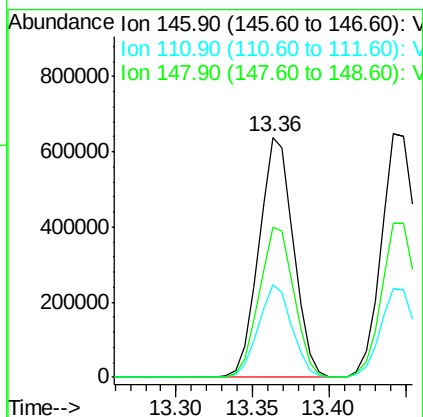
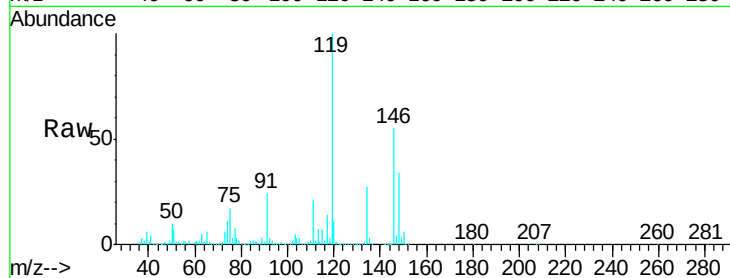




#87
 1,3-Dichlorobenzene
 Concen: 111.204 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

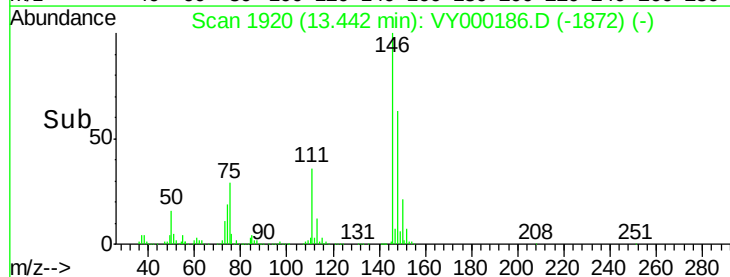
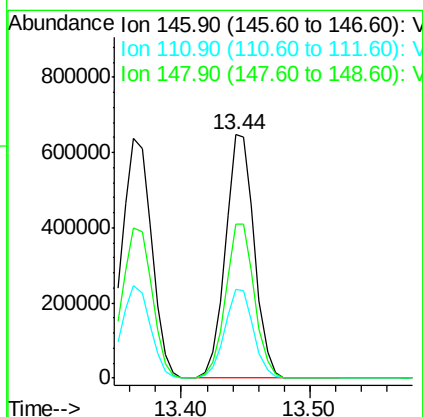
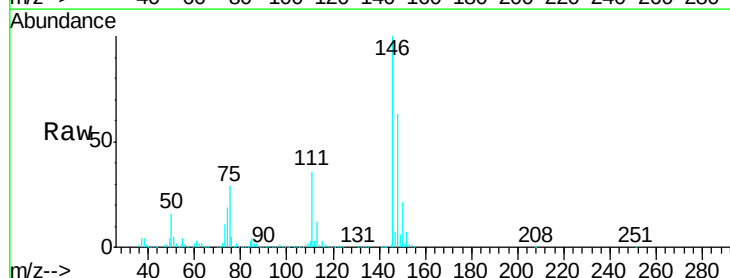
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

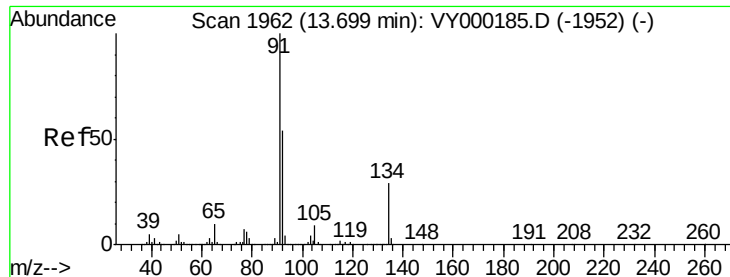
Tgt Ion:146 Resp: 1000360
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.7
 148 63.5 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 107.966 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion:146 Resp: 1011140
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.1 54.1
 148 63.1 32.3 96.8





#89

n-Butylbenzene

Concen: 124.584 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

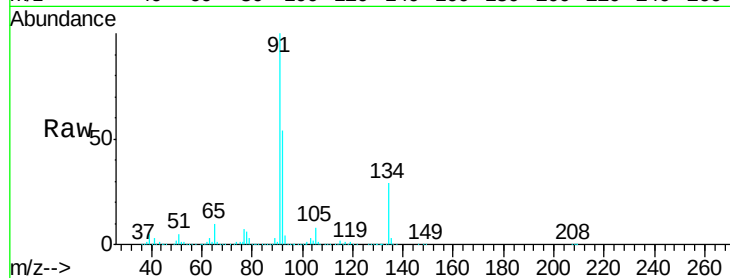
Tgt Ion: 91 Resp: 1858542

Ion Ratio Lower Upper

91 100

92 54.2 27.1 81.3

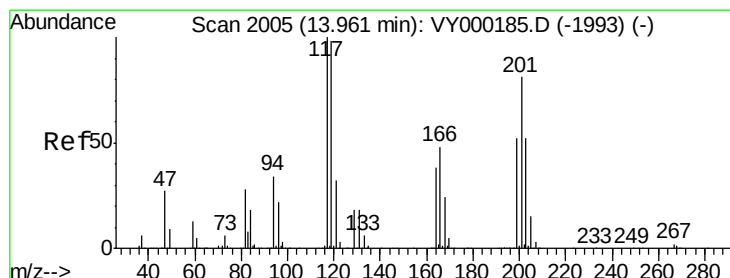
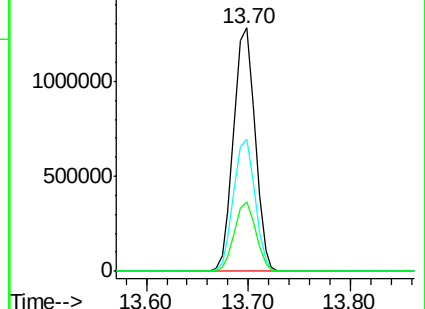
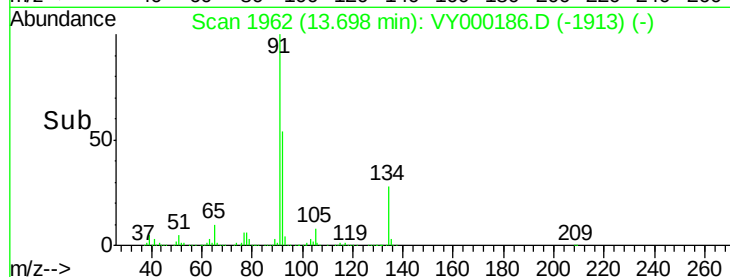
134 28.3 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VY000185.D (-1952) (-)

Ion 92.00 (91.70 to 92.70): VY000185.D (-1952) (-)

Ion 134.00 (133.70 to 134.70): VY000185.D (-1952) (-)



#90

Hexachloroethane

Concen: 112.934 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY000186.D

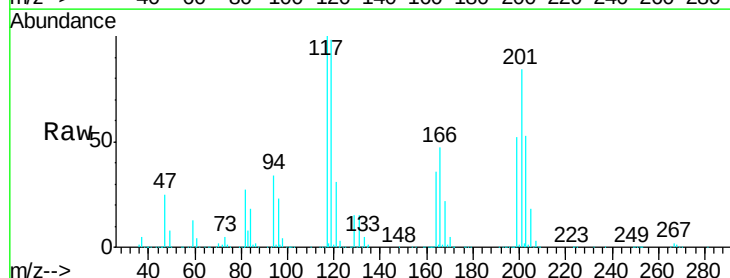
Acq: 03 Oct 2019 16:24

Tgt Ion: 117 Resp: 380145

Ion Ratio Lower Upper

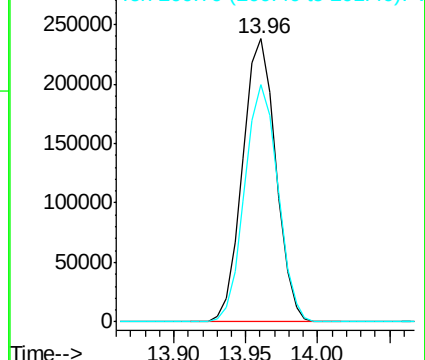
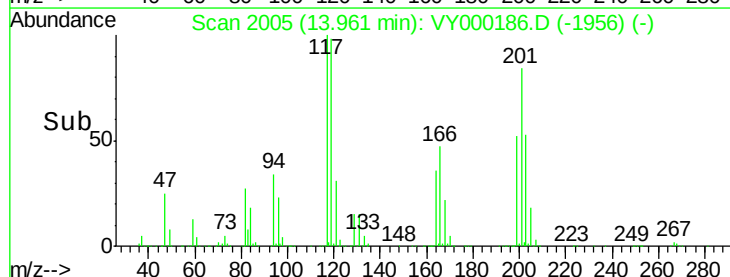
117 100

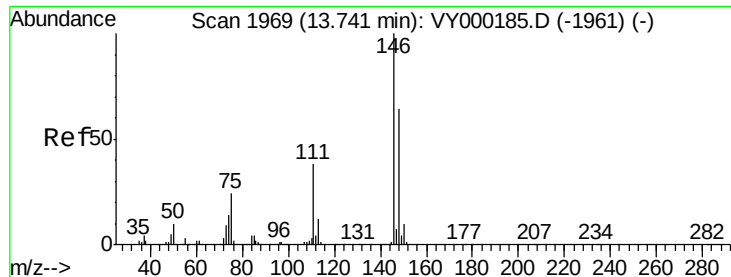
201 84.1 42.6 128.0



Abundance Ion 116.80 (116.50 to 117.50): VY000185.D (-1993) (-)

Ion 200.70 (200.40 to 201.40): VY000185.D (-1993) (-)





#91

1,2-Dichlorobenzene

Concen: 106.255 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

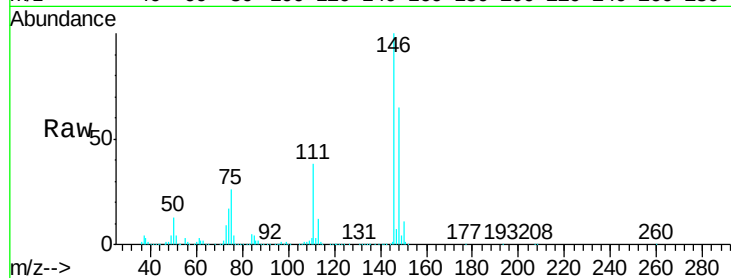
Tgt Ion:146 Resp: 971180

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

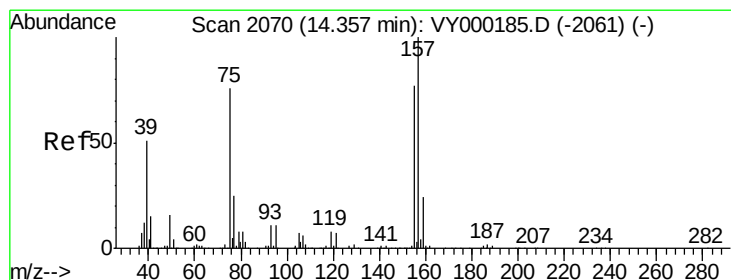
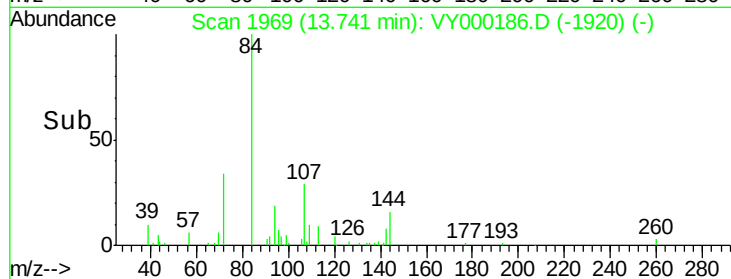
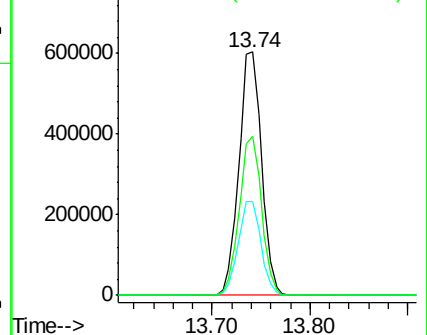
148 64.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 107.230 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

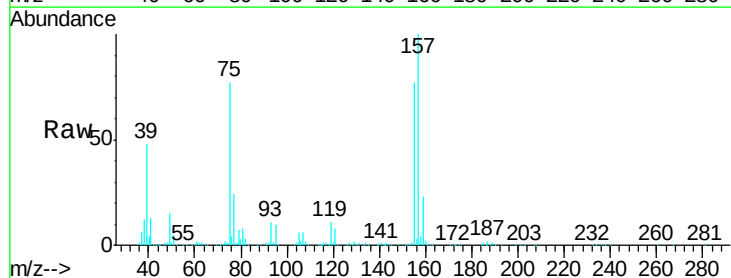
Tgt Ion: 75 Resp: 231136

Ion Ratio Lower Upper

75 100

155 103.0 52.3 157.1

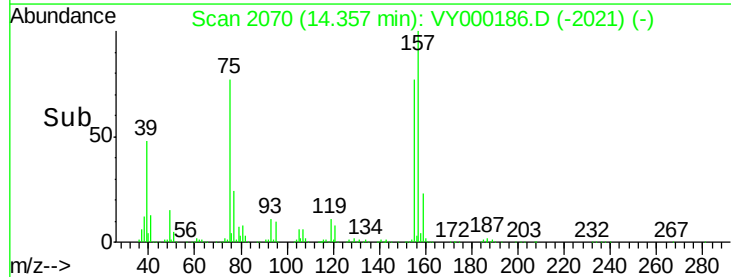
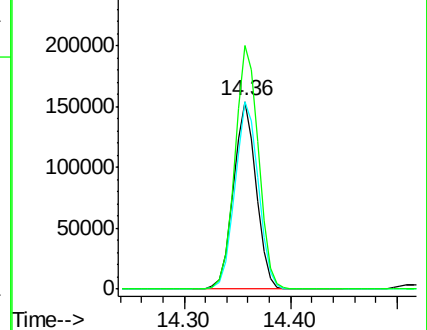
157 133.5 66.8 200.3

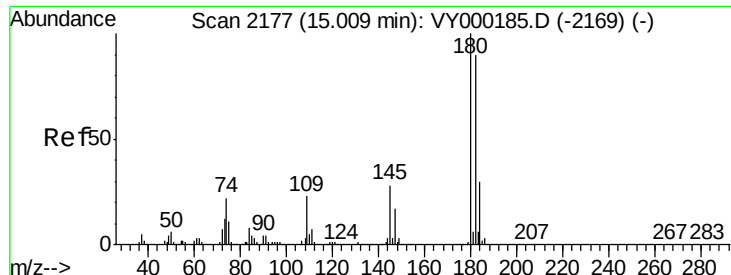


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

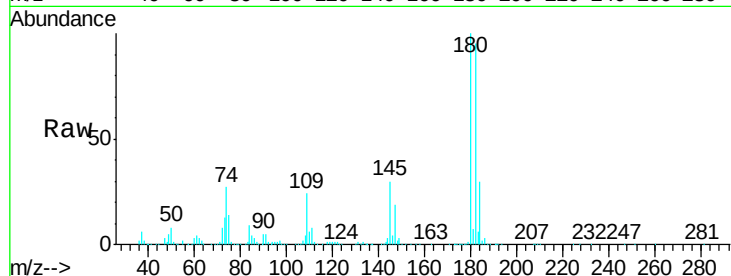




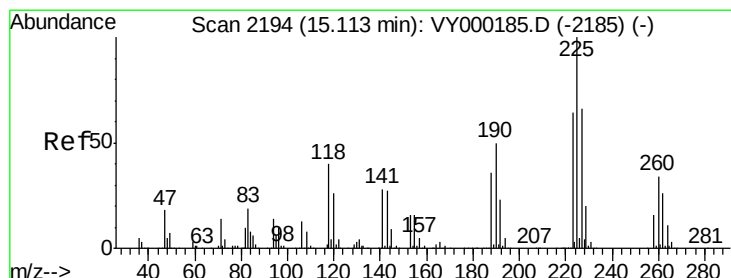
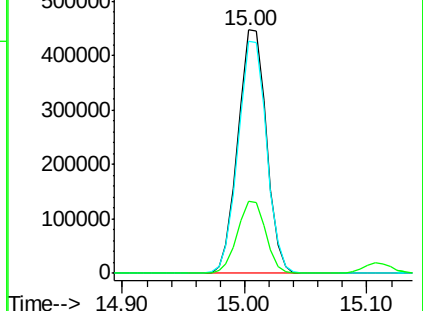
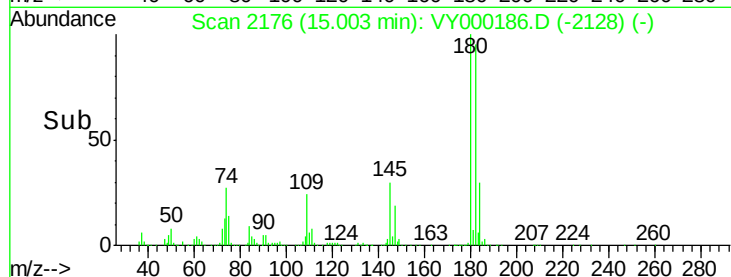
#93
 1,2,4-Trichlorobenzene
 Concen: 107.582 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 719720
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.1 141.3
 145 29.4 14.4 43.2

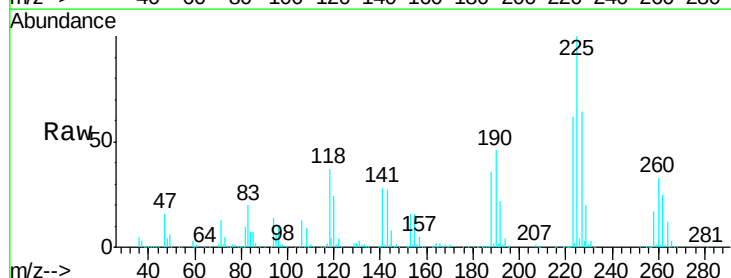


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

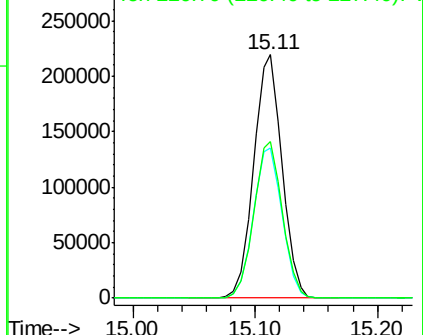
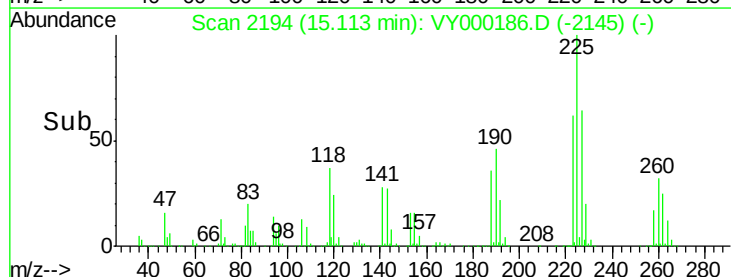


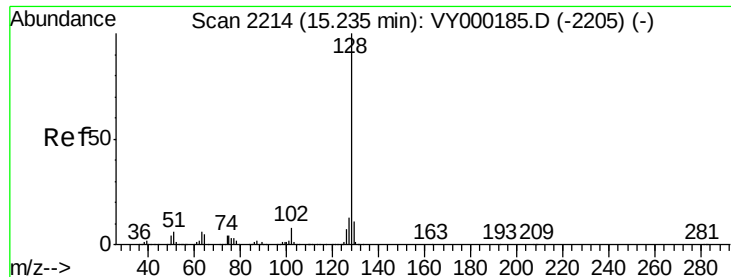
#94
 Hexachlorobutadiene
 Concen: 113.777 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion:225 Resp: 353693
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.9 95.9
 227 64.6 32.1 96.3



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: 108.232 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

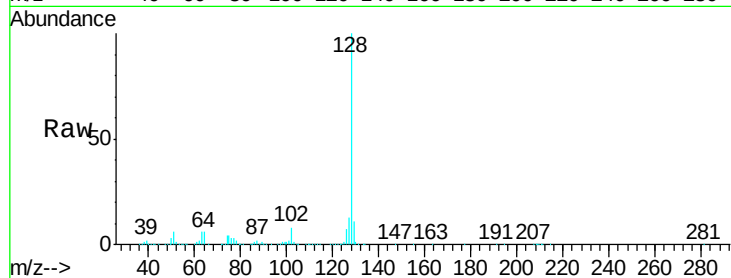
MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:128 Resp: 2556527

Ion	Ratio	Lower	Upper
128	100		
127	12.6	9.9	14.9
129	11.0	8.7	13.1

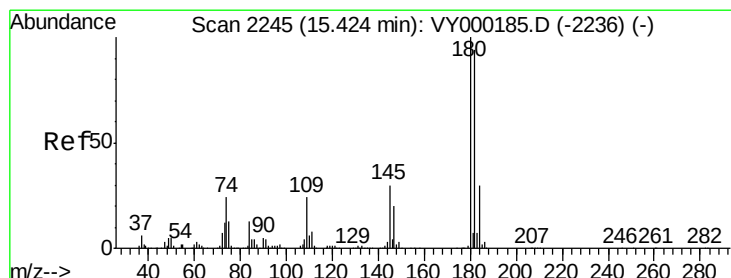
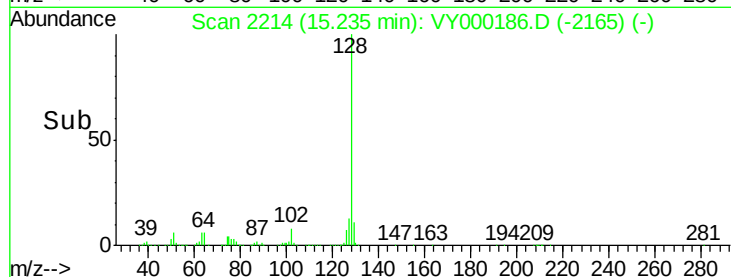
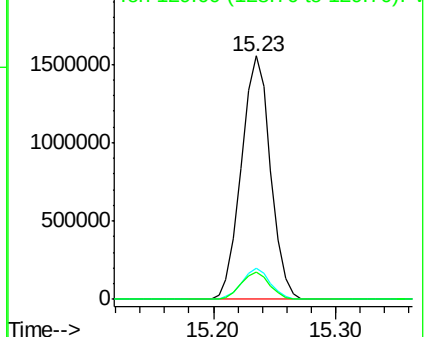


Abundance

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: 107.579 ug/l

RT: 15.42 min Scan# 2245

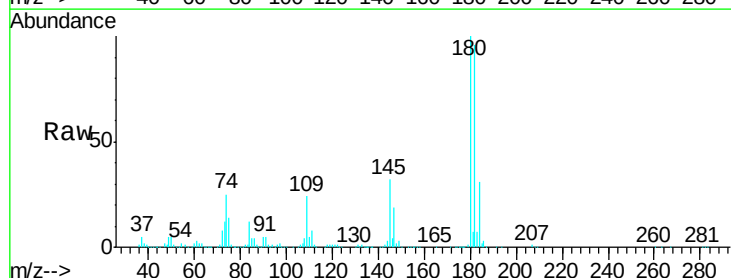
Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Tgt Ion:180 Resp: 711921

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.7	143.1
145	31.4	15.4	46.2



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

