

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000765.D
 Acq On : 21 Nov 2019 14:14
 Operator : SY/MD
 Sample : VY1121SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 03:12:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	338796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	594102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	532117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	250322	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	169994	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
35) Dibromofluoromethane	7.72	113	159952	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	
50) Toluene-d8	10.18	98	674269	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.48	95	239223	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	60130	18.030	ug/l	97
3) Chloromethane	2.12	50	81166	17.667	ug/l	93
4) Vinyl Chloride	2.25	62	78616	18.427	ug/l	97
5) Bromomethane	2.64	94	49868	19.492	ug/l	95
6) Chloroethane	2.79	64	52432	19.636	ug/l	96
7) Trichlorofluoromethane	3.13	101	119452	20.732	ug/l	96
8) Diethyl Ether	3.53	74	44983	21.972	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	75120	21.566	ug/l	94
10) Methyl Iodide	4.09	142	84684	20.488	ug/l	96
11) Tert butyl alcohol	4.97	59	33281	97.513	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	73266	21.649	ug/l	93
13) Acrolein	3.74	56	24460	82.277	ug/l	96
14) Allyl chloride	4.48	41	127328	23.138	ug/l	93
15) Acrylonitrile	5.17	53	119199	113.659	ug/l	99
16) Acetone	3.96	43	83577	86.490	ug/l	96
17) Carbon Disulfide	4.19	76	219921	20.604	ug/l	98
18) Methyl Acetate	4.48	43	64665	21.522	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	205413	21.831	ug/l	98
20) Methylene Chloride	4.72	84	90534	21.865	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	83723	21.883	ug/l	94
22) Diisopropyl ether	6.13	45	266408	22.273	ug/l	95
23) Vinyl Acetate	6.07	43	820527	108.675	ug/l	96
24) 1,1-Dichloroethane	6.03	63	145537	22.461	ug/l	98
25) 2-Butanone	7.00	43	149613	97.014	ug/l	97
26) 2,2-Dichloropropane	6.99	77	124426	21.012	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	92113	22.018	ug/l	99
28) Bromochloromethane	7.35	49	36331	15.380	ug/l	93
29) Tetrahydrofuran	7.36	42	102143	108.265	ug/l	97
30) Chloroform	7.52	83	146505	22.350	ug/l	98
31) Cyclohexane	7.79	56	146009	21.514	ug/l #	92
32) 1,1,1-Trichloroethane	7.71	97	120414	20.612	ug/l	98
36) 1,1-Dichloropropene	7.93	75	113389	20.189	ug/l	100
37) Ethyl Acetate	7.08	43	66302	19.884	ug/l	95
38) Carbon Tetrachloride	7.91	117	103301	19.115	ug/l	97

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
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Quant Time: Nov 22 03:12:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	148018	20.400	ug/l	98
40) Benzene	8.17	78	342461	20.798	ug/l	100
41) Methacrylonitrile	7.35	41	88940	47.813	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	90951	19.475	ug/l	97
43) Isopropyl Acetate	8.28	43	124476	19.872	ug/l	97
44) Trichloroethene	8.94	130	91234	21.015	ug/l	92
45) 1,2-Dichloropropane	9.22	63	87892	21.688	ug/l	94
46) Dibromomethane	9.31	93	44312	19.882	ug/l	99
47) Bromodichloromethane	9.50	83	106356	20.111	ug/l	96
48) Methyl methacrylate	9.30	41	53989	19.727	ug/l	95
49) 1,4-Dioxane	9.30	88	11573	385.823	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	329446	98.924	ug/l	94
52) Toluene	10.24	92	208580	20.036	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	115648	20.466	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	134976	20.851	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	66997	20.783	ug/l	96
56) Ethyl methacrylate	10.51	69	98026	21.455	ug/l	91
57) 1,3-Dichloropropane	10.79	76	116990	20.735	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	220733	106.863	ug/l	98
59) 2-Hexanone	10.83	43	226333	93.278	ug/l	96
60) Dibromochloromethane	10.98	129	70872	19.194	ug/l	100
61) 1,2-Dibromoethane	11.09	107	64504	20.811	ug/l	100
64) Tetrachloroethene	10.72	164	92004	20.910	ug/l	97
65) Chlorobenzene	11.52	112	221407	20.522	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	74759	19.980	ug/l	98
67) Ethyl Benzene	11.59	91	413309	20.816	ug/l	100
68) m/p-Xylenes	11.70	106	310334	40.382	ug/l	97
69) o-Xylene	12.03	106	146806	20.326	ug/l	97
70) Styrene	12.04	104	249666	20.187	ug/l	99
71) Bromoform	12.20	173	40653	18.890	ug/l #	97
73) Isopropylbenzene	12.33	105	398246	21.526	ug/l	100
74) N-amyl acetate	12.14	43	105411	19.894	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	75668	20.656	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	107771	37.811	ug/l #	100
77) Bromobenzene	12.60	156	88921	21.195	ug/l	96
78) n-propylbenzene	12.67	91	491267	22.008	ug/l	99
79) 2-Chlorotoluene	12.75	91	265810	21.449	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	330437	21.445	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	28032	22.051	ug/l	97
82) 4-Chlorotoluene	12.85	91	275452	21.443	ug/l	98
83) tert-Butylbenzene	13.07	119	276761	21.037	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	347466	22.649	ug/l	98
85) sec-Butylbenzene	13.25	105	409486	21.846	ug/l	99
86) p-Isopropyltoluene	13.36	119	350793	20.999	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	168758	20.536	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	173256	21.099	ug/l	99
89) n-Butylbenzene	13.69	91	359941	21.846	ug/l	100
90) Hexachloroethane	13.95	117	63232	20.474	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	156281	20.961	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	13174	20.321	ug/l	96

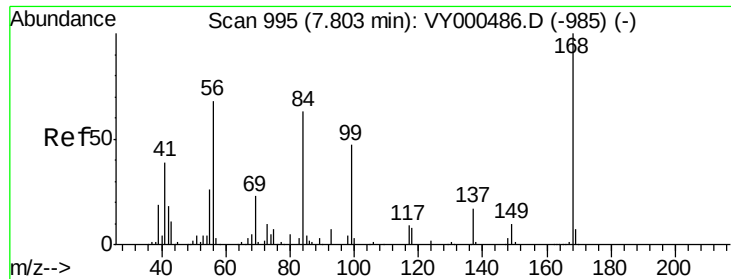
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
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Acq On : 21 Nov 2019 14:14
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ClientSampleId :

Quant Time: Nov 22 03:12:49 2019
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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	106206	20.920	ug/l	99
94) Hexachlorobutadiene	15.11	225	54153	20.693	ug/l	98
95) Naphthalene	15.23	128	250399	22.219	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	95153	20.892	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

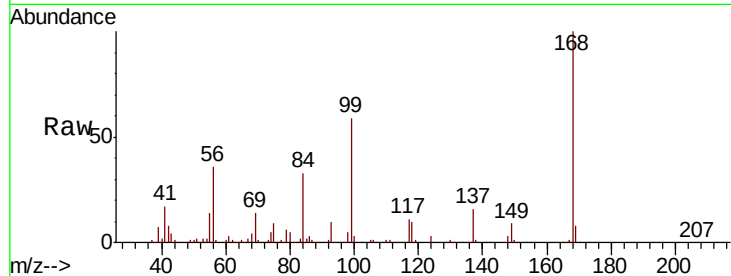
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 338796

Ion Ratio Lower Upper

168 100

99 58.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

150000

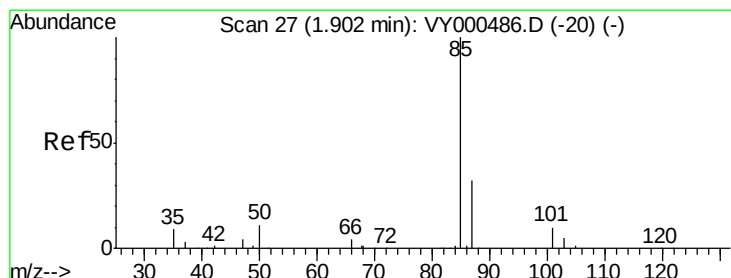
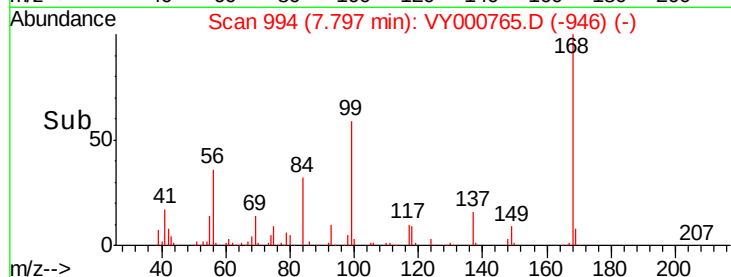
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.030 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000765.D

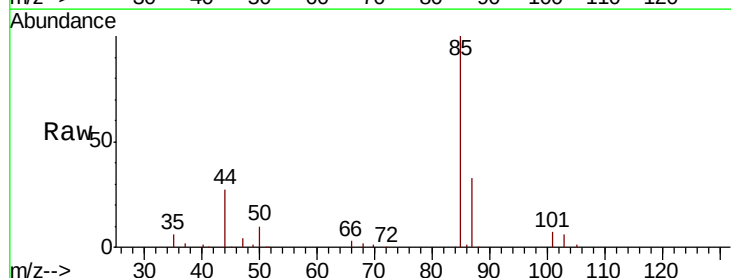
Acq: 21 Nov 2019 14:14

Tgt Ion: 85 Resp: 60130

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

40000

30000

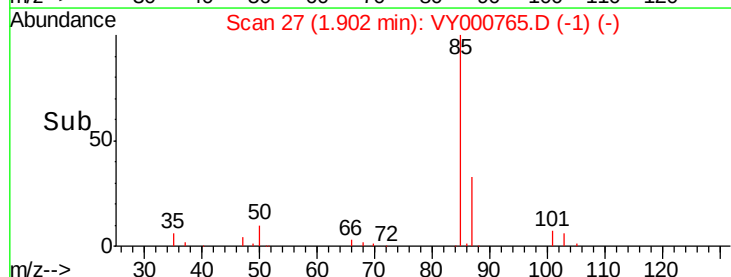
20000

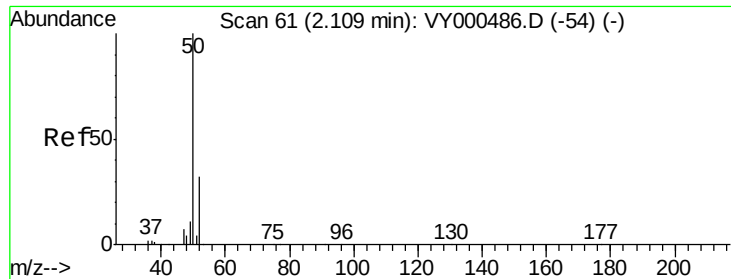
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 17.667 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

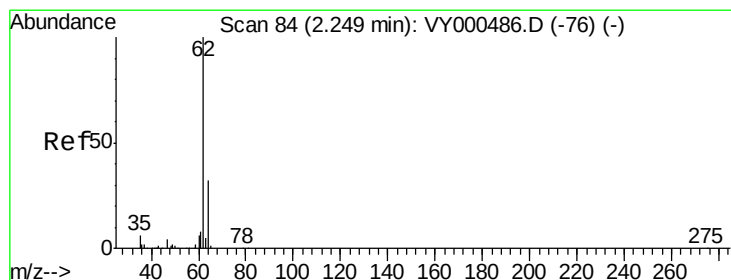
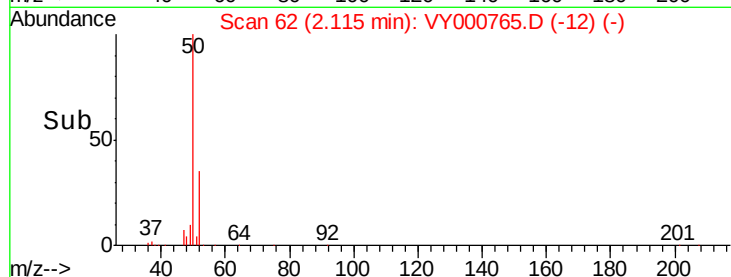
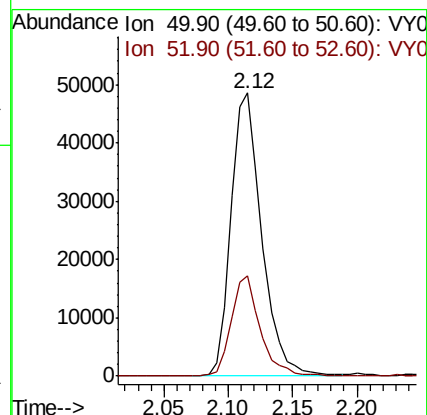
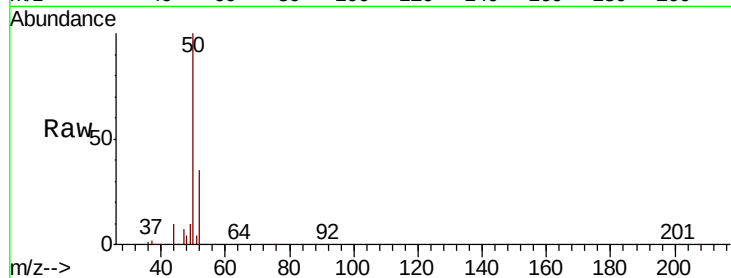
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 81166

Ion Ratio Lower Upper

50 100

52 35.4 25.2 37.8



#4

Vinyl Chloride

Concen: 18.427 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000765.D

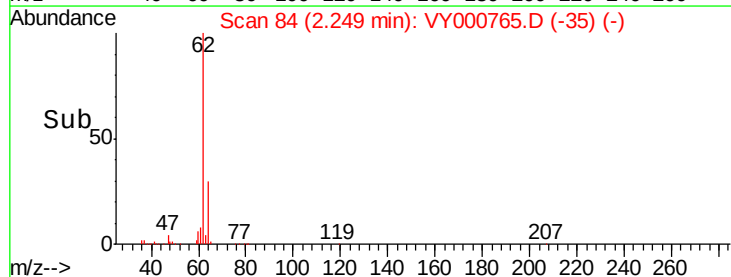
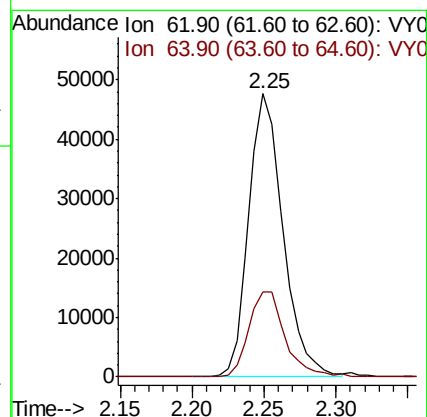
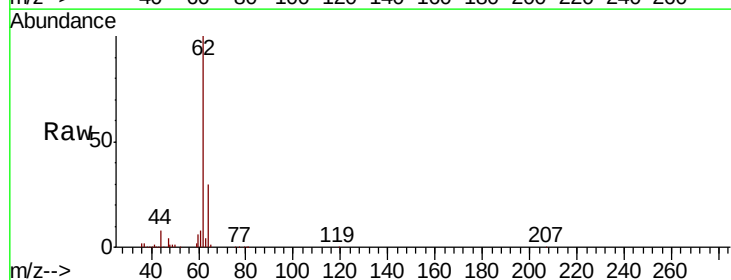
Acq: 21 Nov 2019 14:14

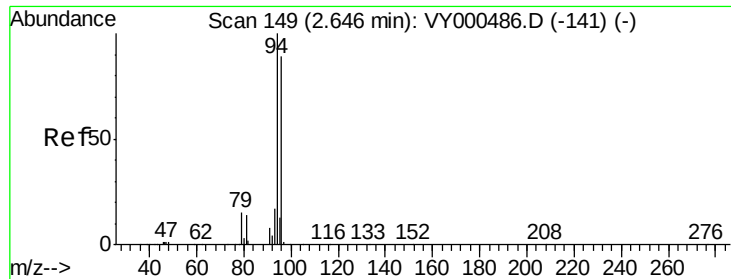
Tgt Ion: 62 Resp: 78616

Ion Ratio Lower Upper

62 100

64 30.0 25.2 37.8





#5

Bromomethane

Concen: 19.492 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

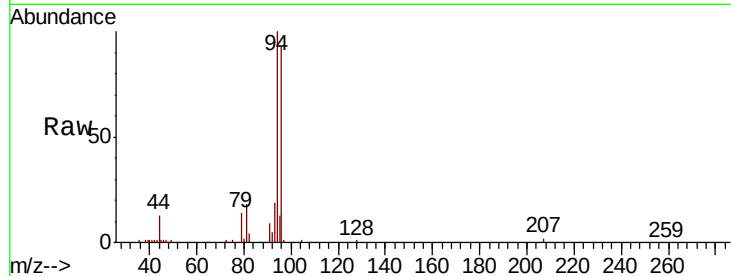
ClientSampleId :

Tot Ion: 94 Resp: 49868

Ion Ratio Lower Upper

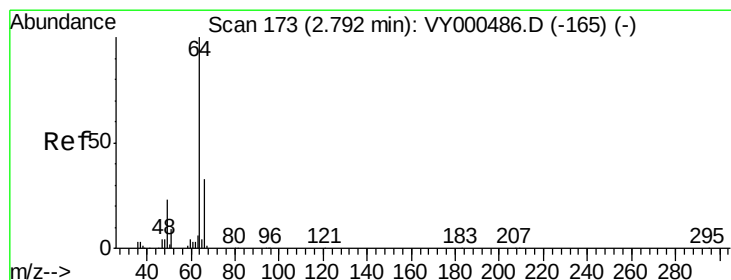
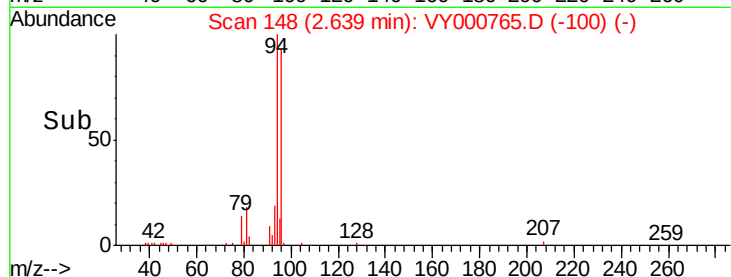
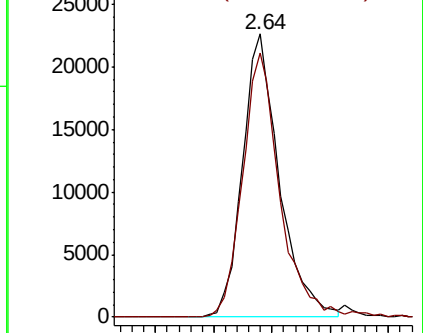
94 100

96 93.5 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.636 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000765.D

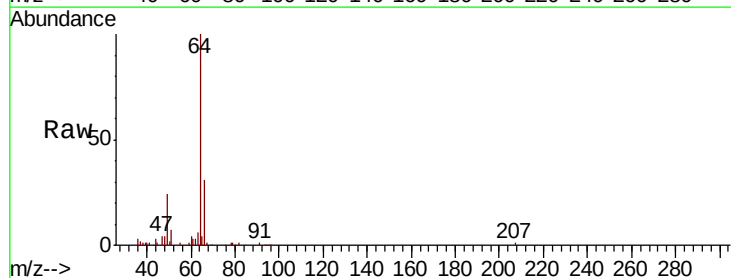
Acq: 21 Nov 2019 14:14

Tgt Ion: 64 Resp: 52432

Ion Ratio Lower Upper

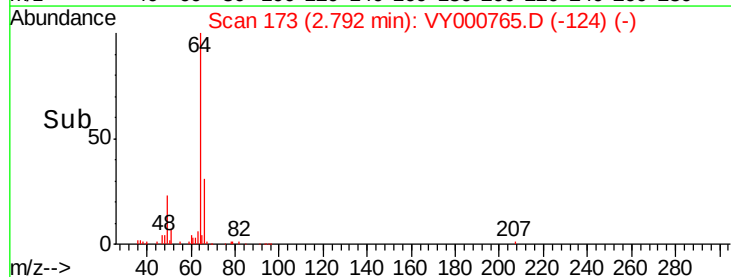
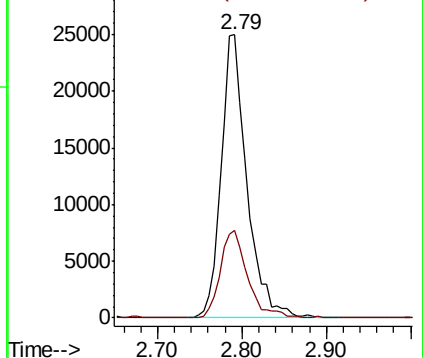
64 100

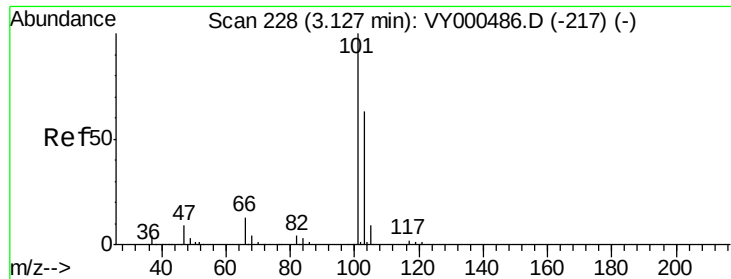
66 31.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



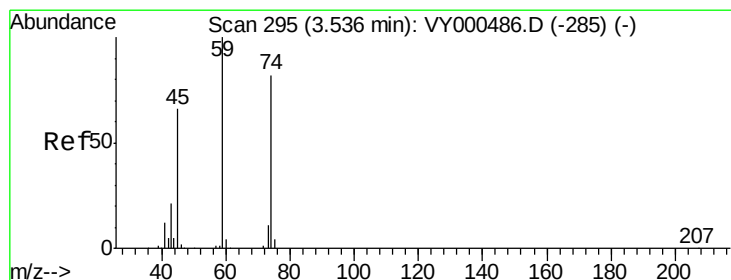
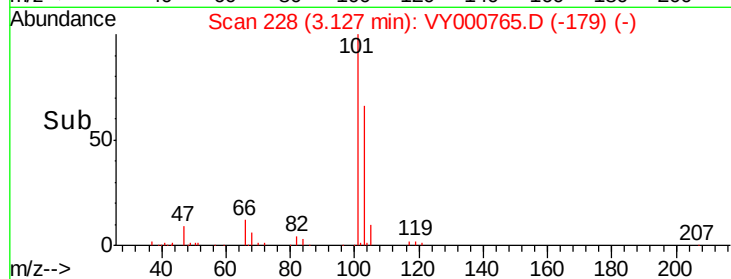
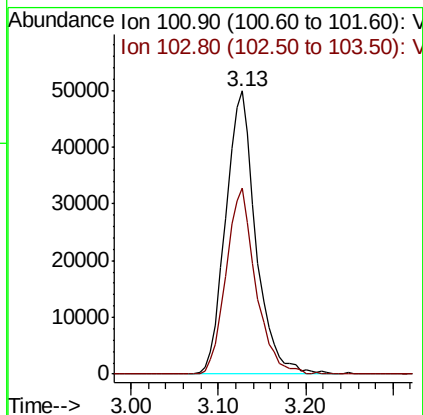
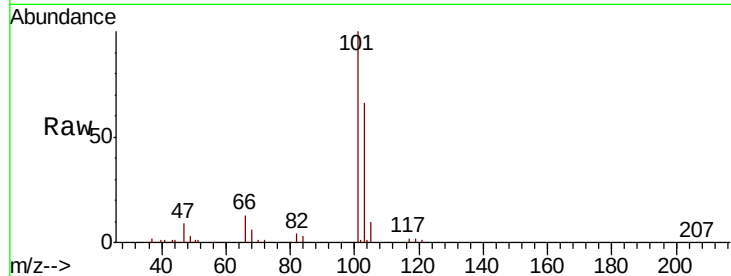


#7

Trichlorofluoromethane
 Concen: 20.732 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Instrument :
 MSVOA_Y
 ClientSampled :

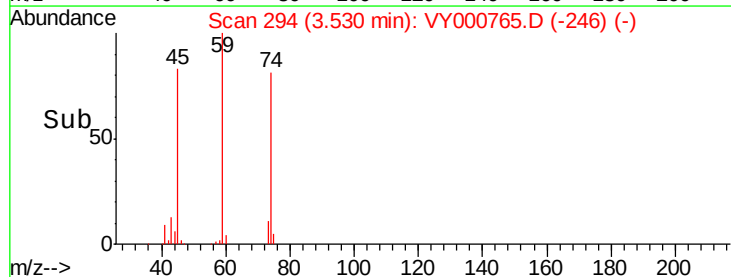
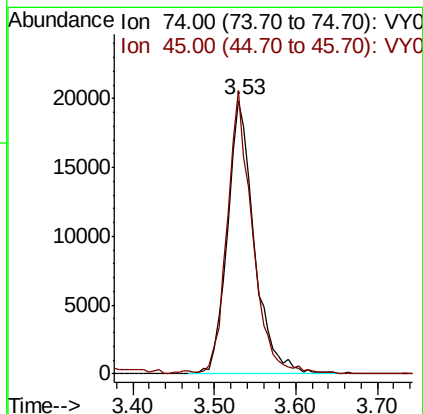
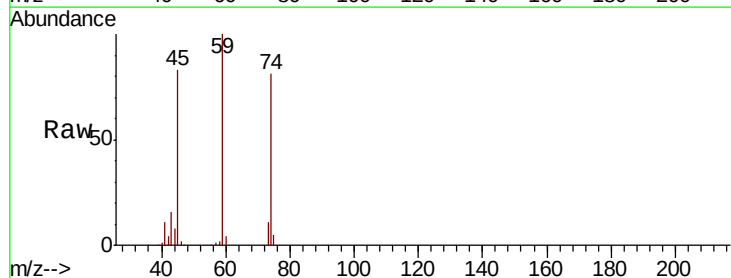
Tot Ion:101 Resp: 119452
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.5 75.7

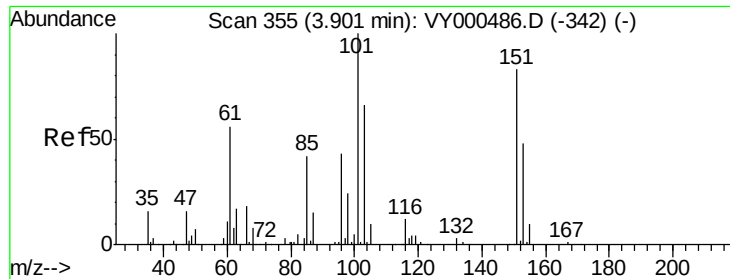


#8

Diethyl Ether
 Concen: 21.972 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion: 74 Resp: 44983
 Ion Ratio Lower Upper
 74 100
 45 97.5 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.566 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampled :

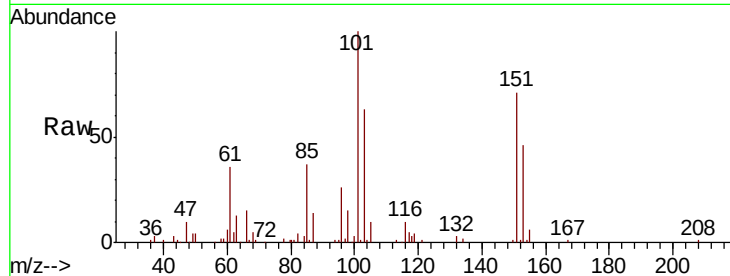
Tot Ion:101 Resp: 75120

Ion Ratio Lower Upper

101 100

85 44.2 36.7 55.1

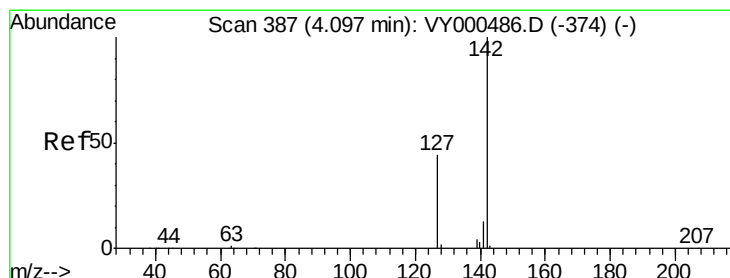
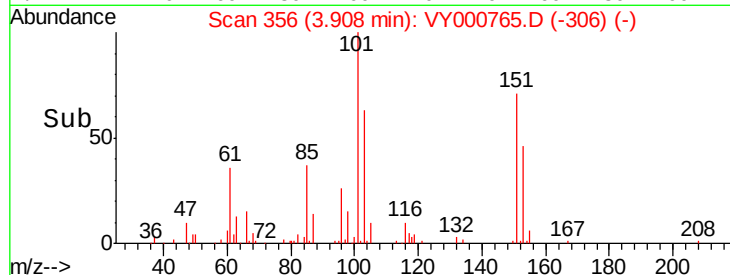
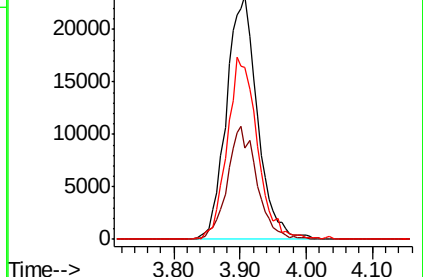
151 72.9 64.3 96.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.488 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

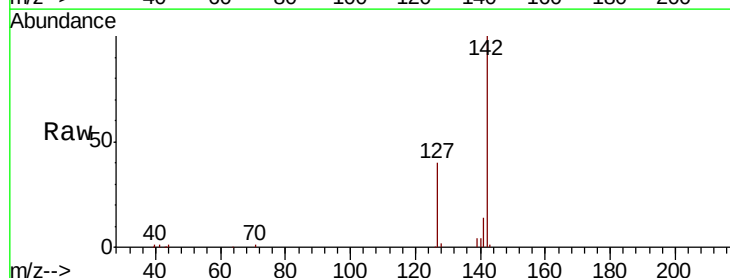
Tgt Ion:142 Resp: 84684

Ion Ratio Lower Upper

142 100

127 39.4 33.7 50.5

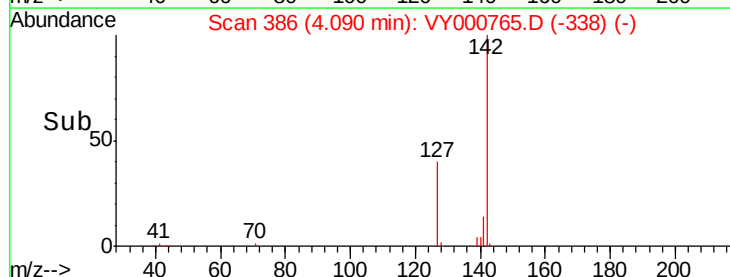
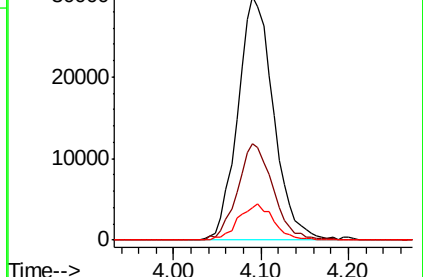
141 14.5 10.9 16.3

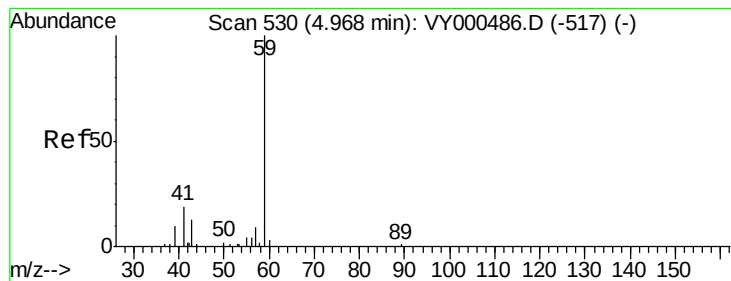


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



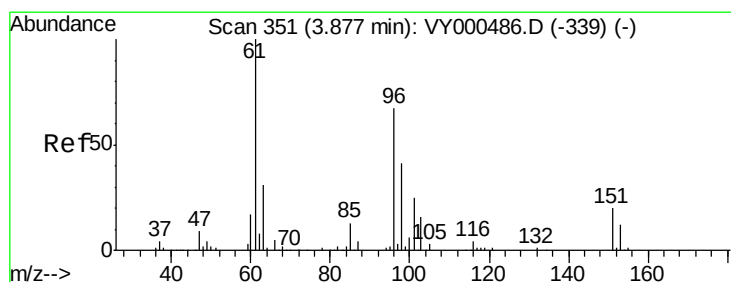
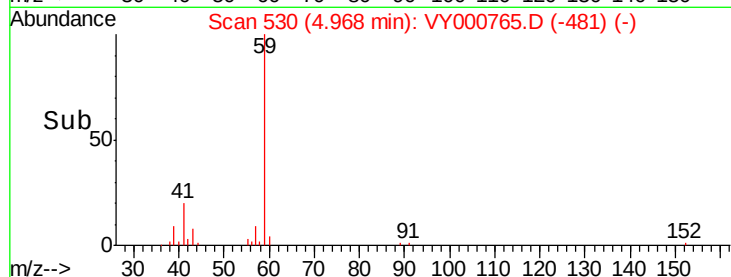
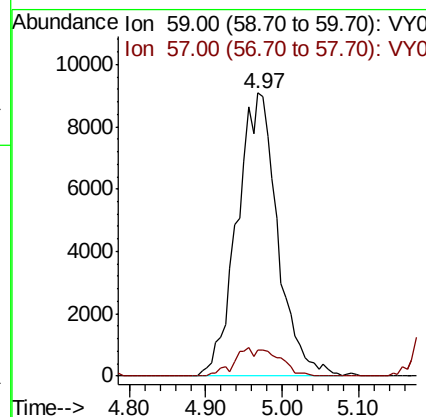
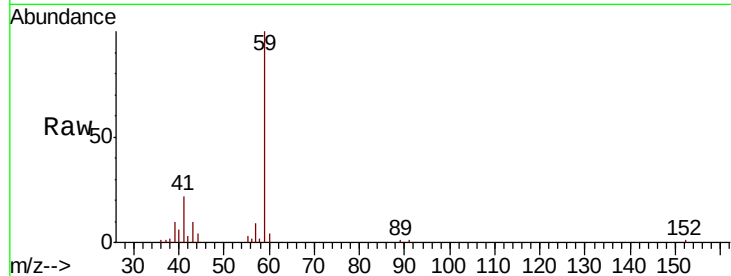


#11

Tert butyl alcohol
 Concen: 97.513 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :

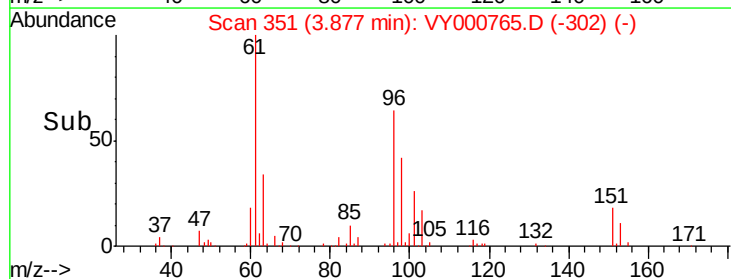
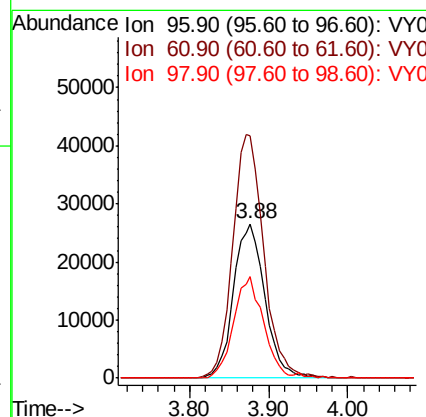
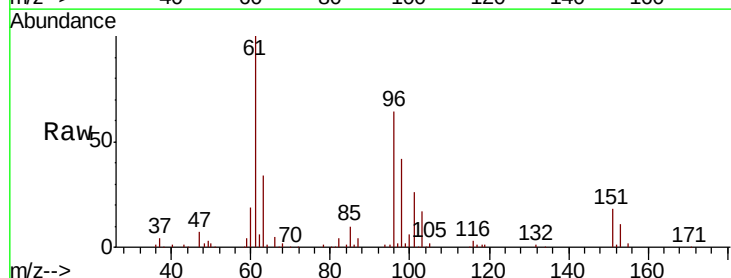
Tot Ion: 59 Resp: 33281
 Ion Ratio Lower Upper
 59 100
 57 5.0 8.6 12.8#

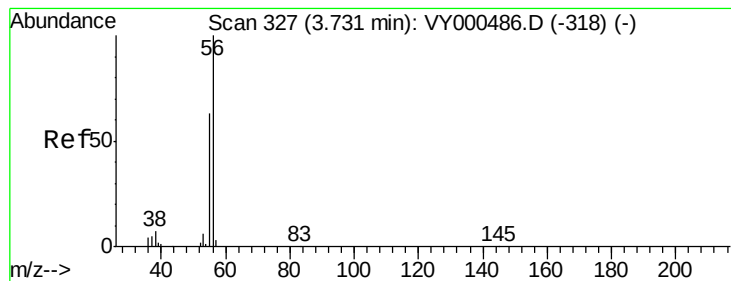


#12

1,1-Dichloroethene
 Concen: 21.649 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion: 96 Resp: 73266
 Ion Ratio Lower Upper
 96 100
 61 157.2 119.2 178.8
 98 65.7 48.6 73.0





#13

Acrolein

Concen: 82.277 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

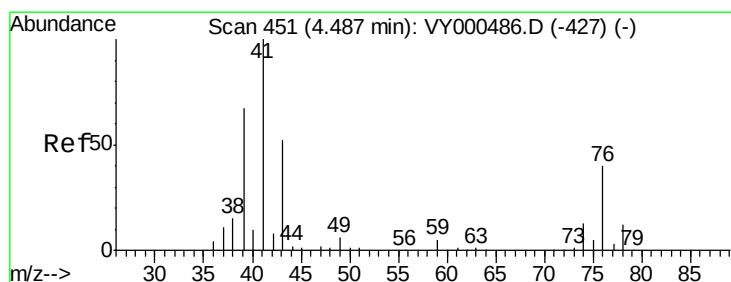
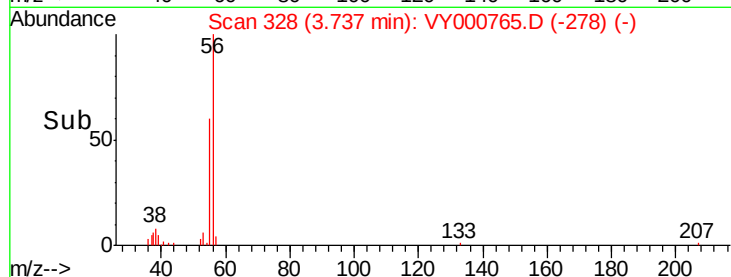
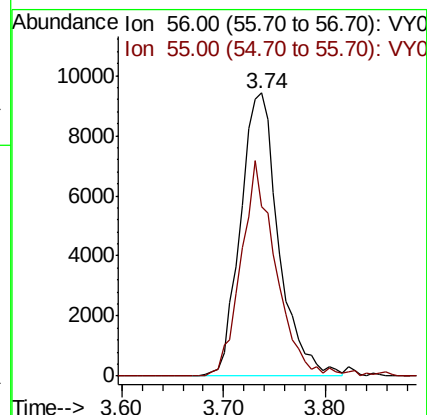
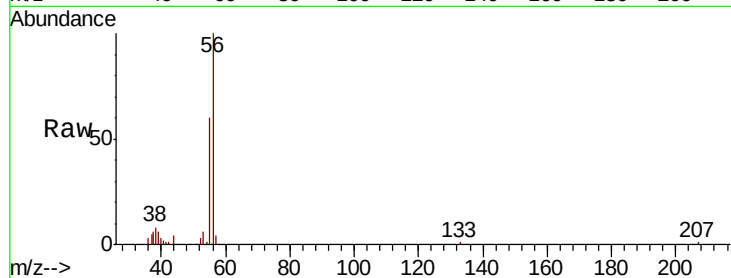
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 24460

Ion Ratio Lower Upper

56 100

55 68.2 57.0 85.6



#14

Allyl chloride

Concen: 23.138 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

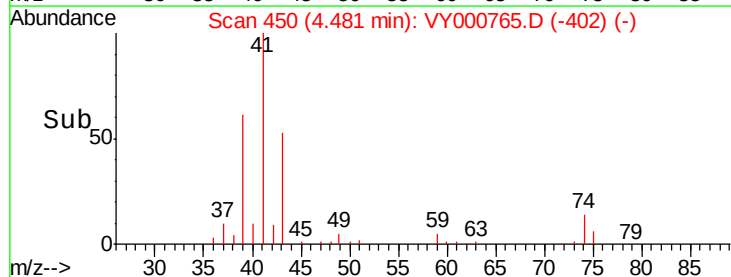
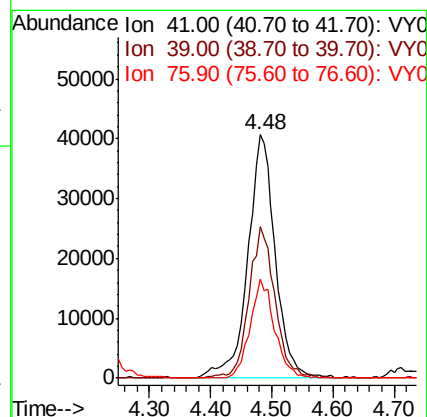
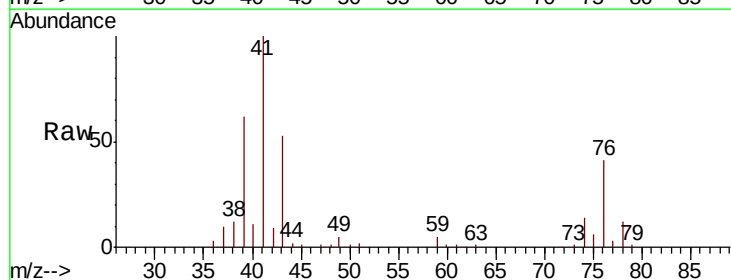
Tgt Ion: 41 Resp: 127328

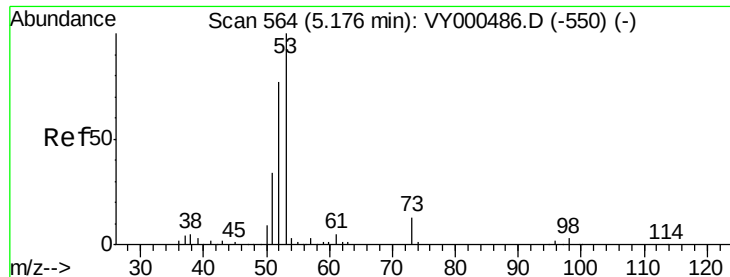
Ion Ratio Lower Upper

41 100

39 59.1 53.6 80.4

76 36.2 29.8 44.6





#15

Acrylonitrile

Concen: 113.659 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

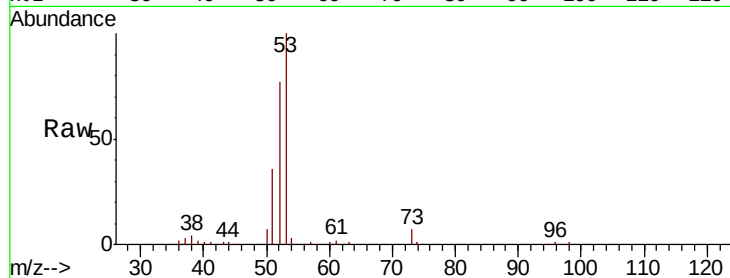
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 53 Resp: 119199

Ion	Ratio	Lower	Upper
53	100		
52	80.8	64.9	97.3
51	35.2	27.6	41.4

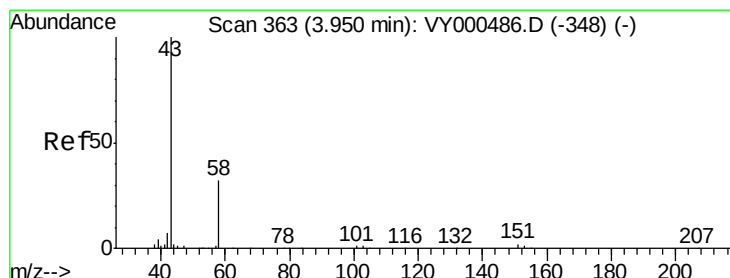
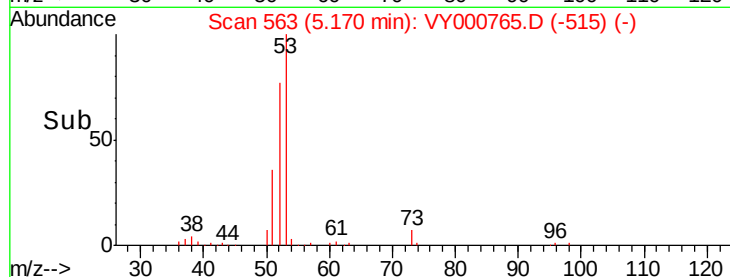
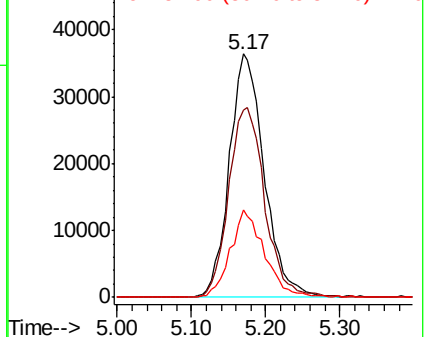


Abundance

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: 86.490 ug/l

RT: 3.96 min Scan# 364

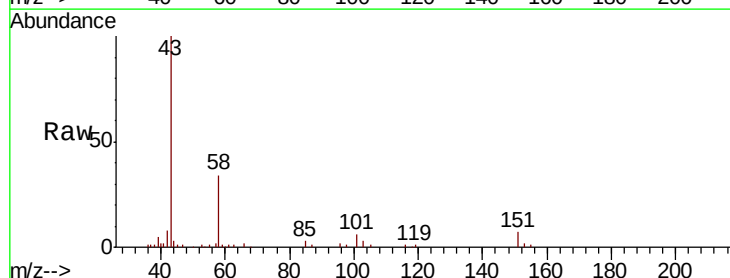
Delta R.T. 0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Tgt Ion: 43 Resp: 83577

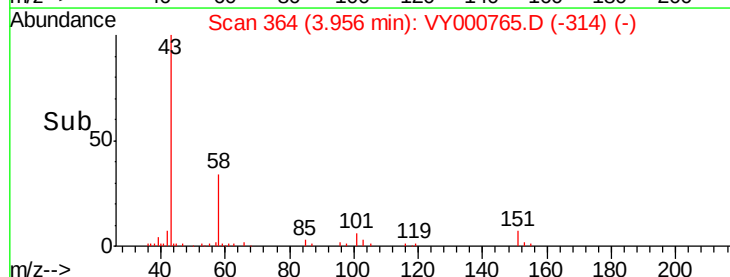
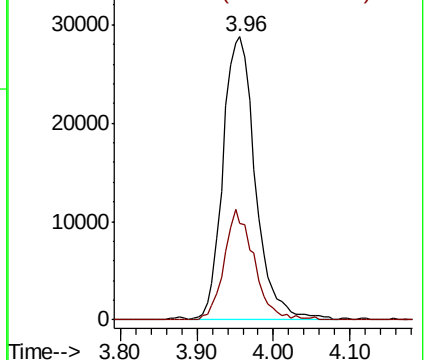
Ion	Ratio	Lower	Upper
43	100		
58	34.3	25.8	38.6

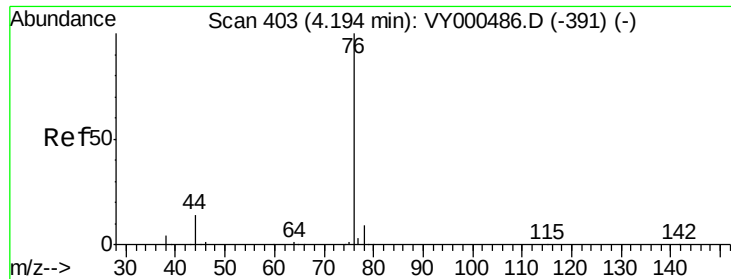


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

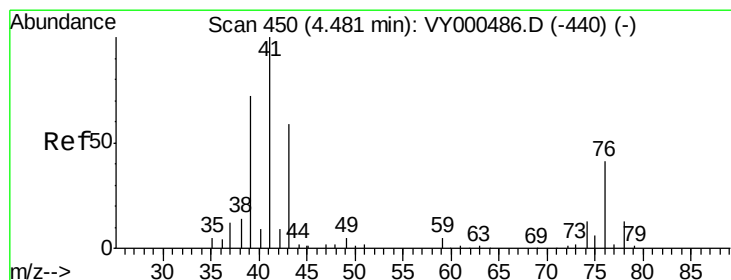
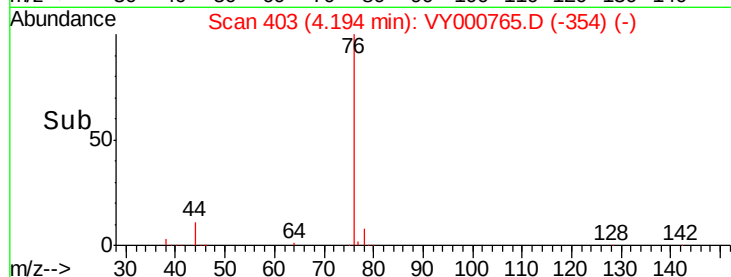
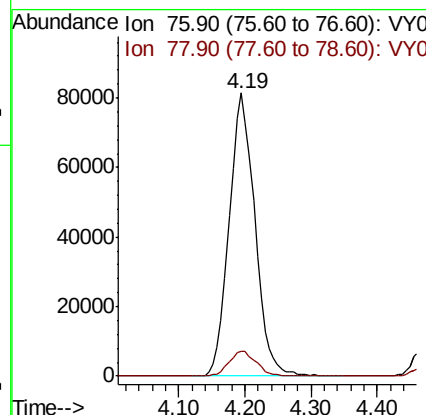
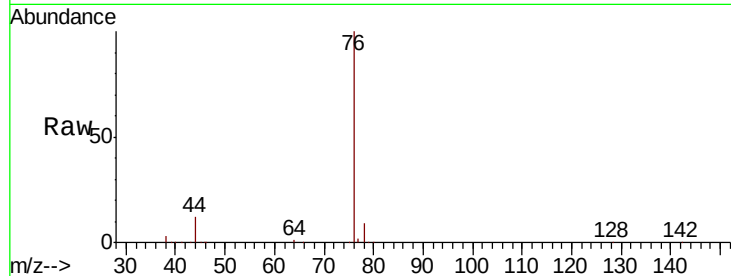




#17
Carbon Disulfide
Concen: 20.604 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

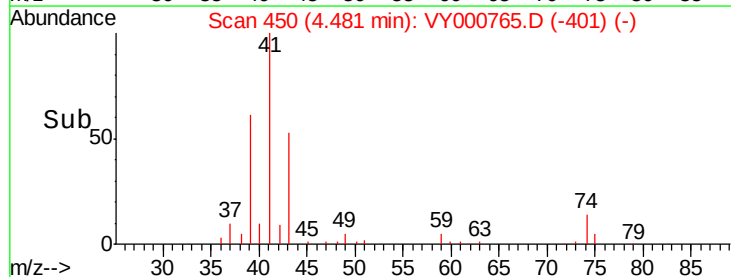
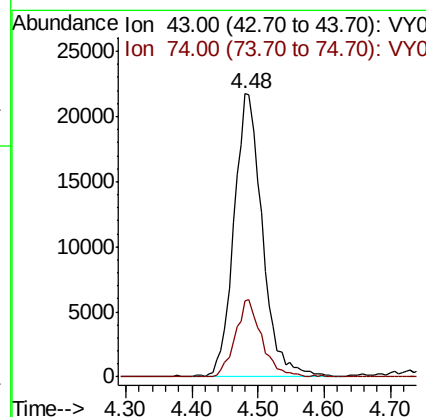
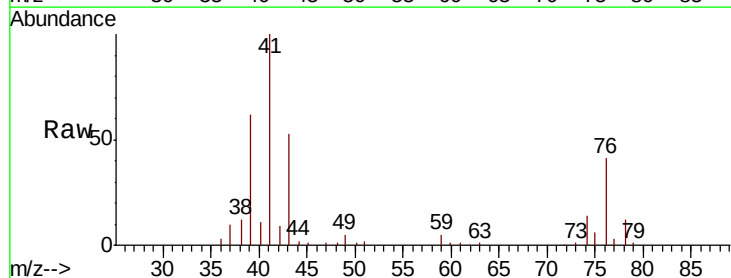
Instrument :
MSVOA_Y
ClientSampleId :

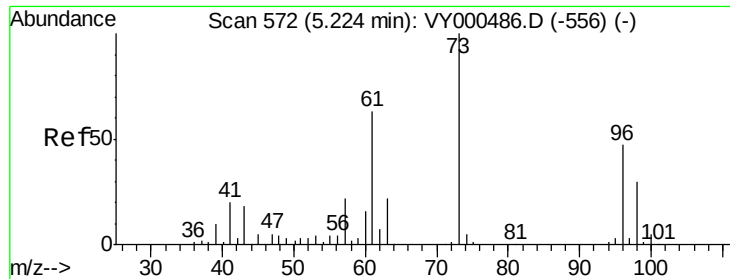
Tot Ion: 76 Resp: 219921
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 21.522 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion: 43 Resp: 64665
Ion Ratio Lower Upper
43 100
74 25.4 19.2 28.8

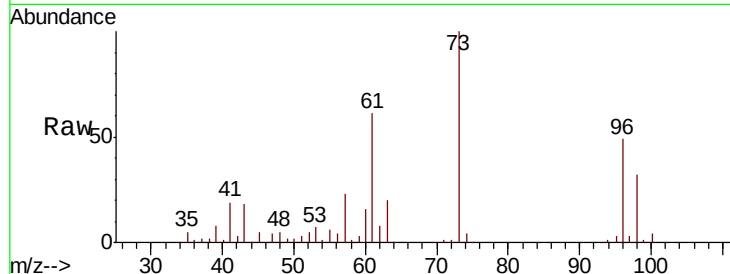




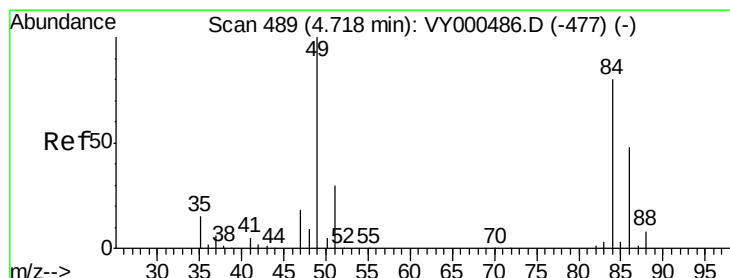
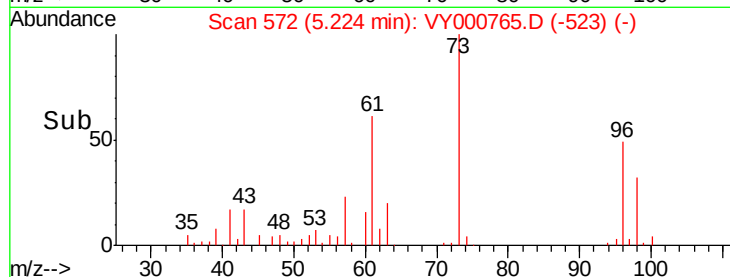
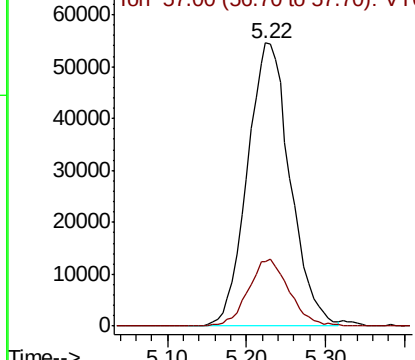
#19
Methyl tert-butyl Ether
Concen: 21.831 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 73 Resp: 205413
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.0

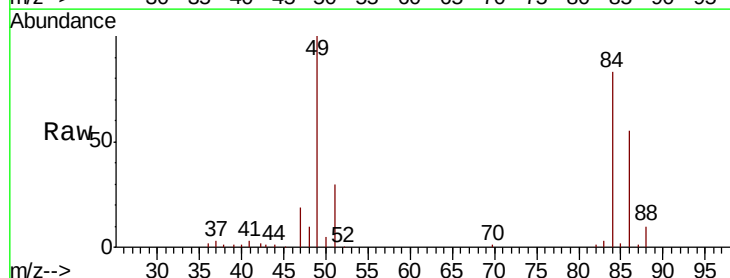


Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

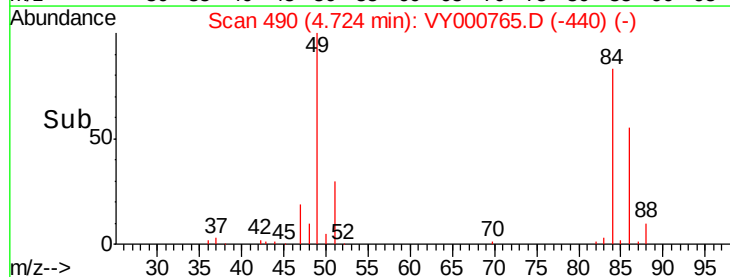
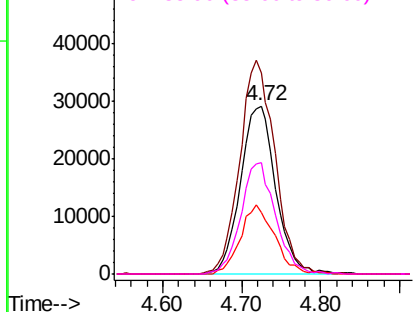


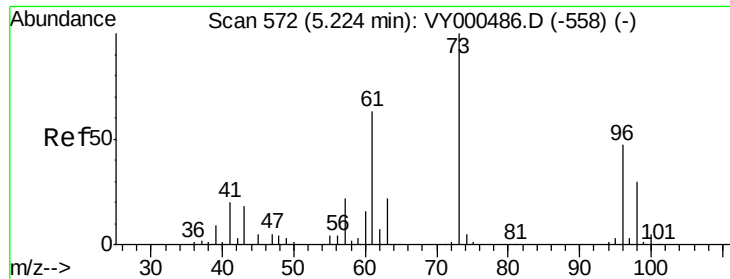
#20
Methylene Chloride
Concen: 21.865 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion: 84 Resp: 90534
Ion Ratio Lower Upper
84 100
49 120.0 100.2 150.4
51 36.6 29.6 44.4
86 66.4 48.3 72.5



Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 21.883 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampled :

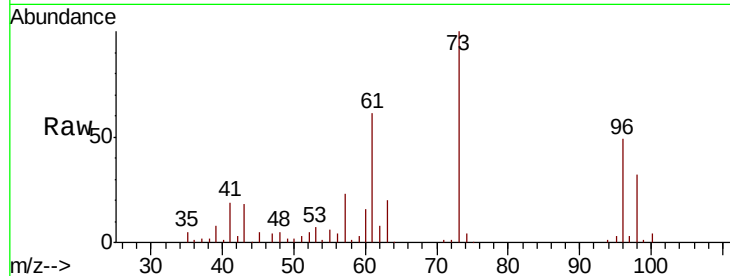
Tot Ion: 96 Resp: 83723

Ion Ratio Lower Upper

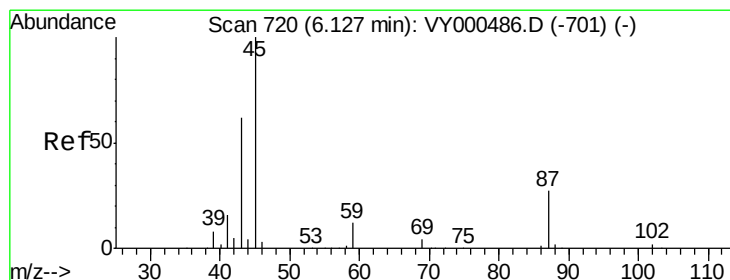
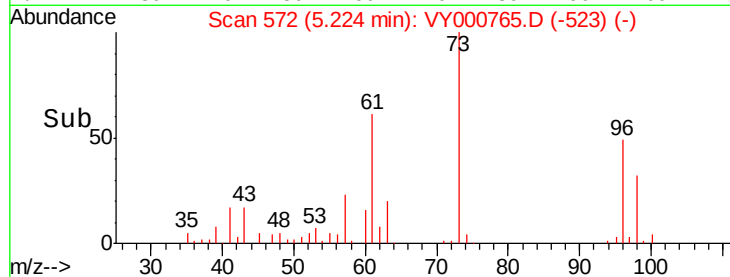
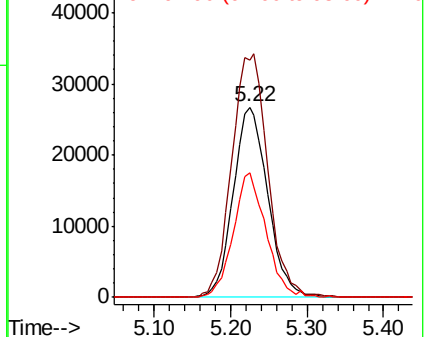
96 100

61 124.9 106.6 160.0

98 65.2 50.6 76.0



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



#22

Diisopropyl ether

Concen: 22.273 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Tgt Ion: 45 Resp: 266408

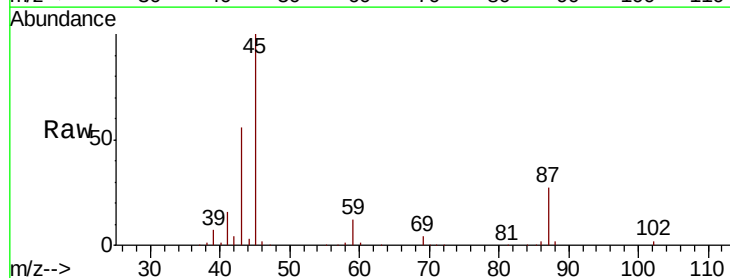
Ion Ratio Lower Upper

45 100

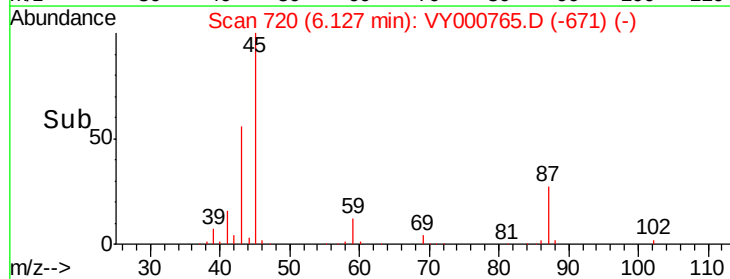
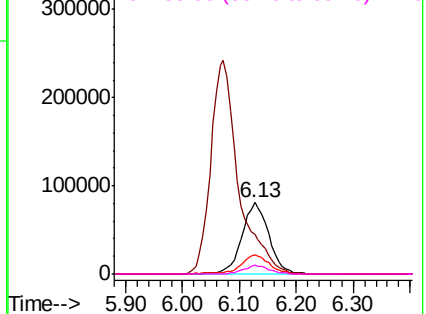
43 55.9 50.0 75.0

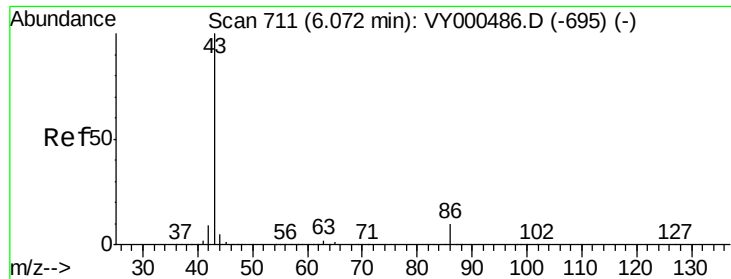
87 27.2 21.6 32.4

59 11.8 9.5 14.3



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: 108.675 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

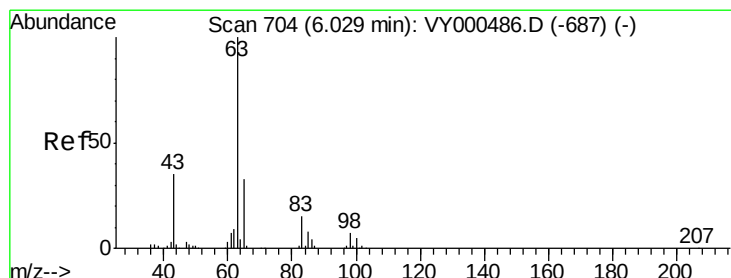
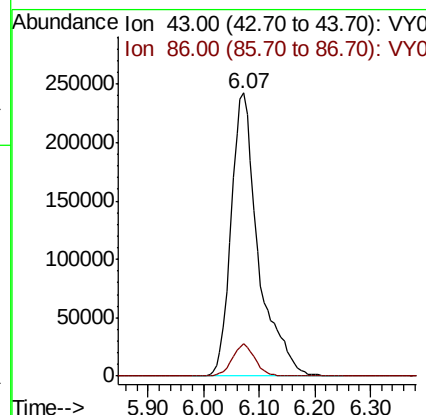
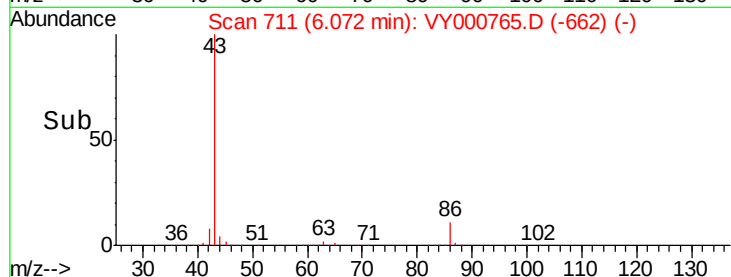
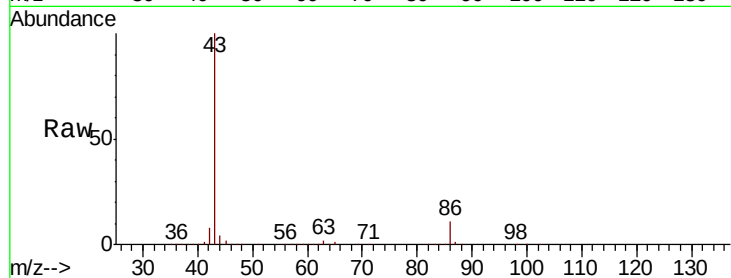
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 820527

Ion Ratio Lower Upper

43 100

86 11.3 7.8 11.6



#24

1,1-Dichloroethane

Concen: 22.461 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

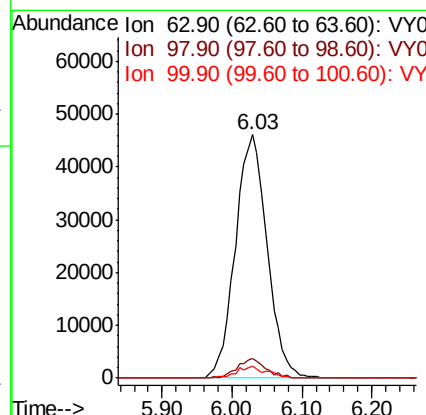
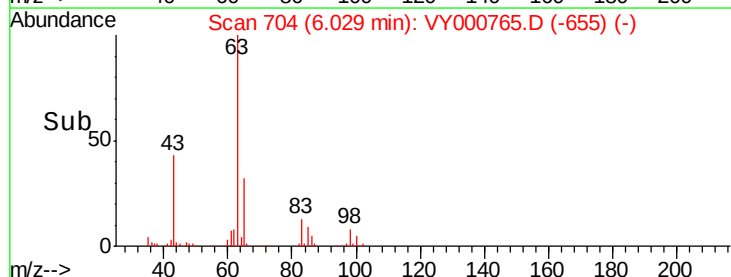
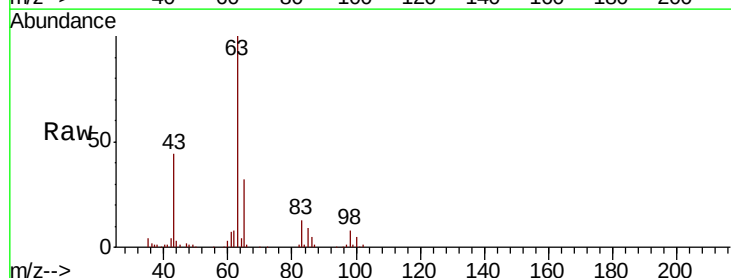
Tgt Ion: 63 Resp: 145537

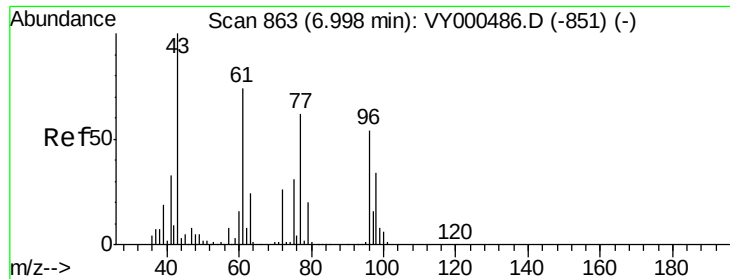
Ion Ratio Lower Upper

63 100

98 8.0 3.5 10.6

100 5.1 2.4 7.1





#25

2-Butanone

Concen: 97.014 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

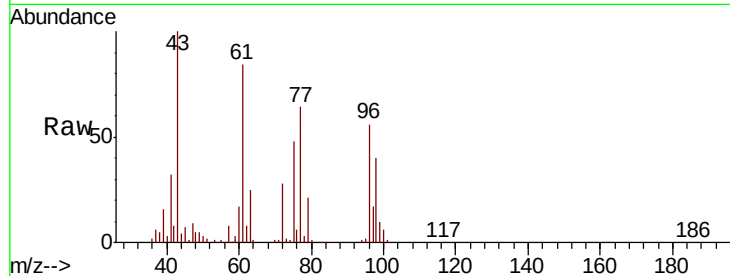
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 149613

Ion Ratio Lower Upper

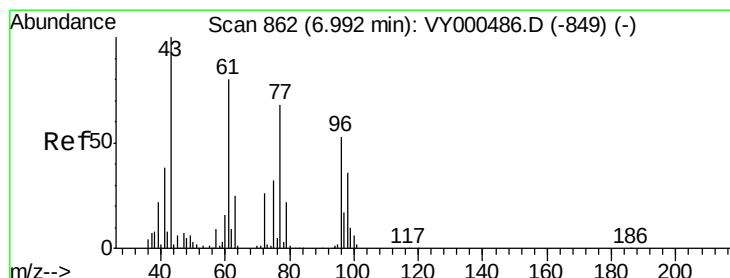
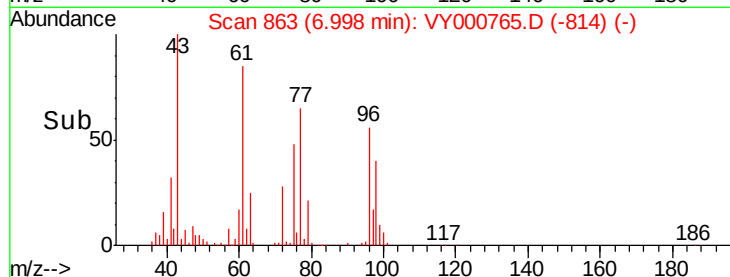
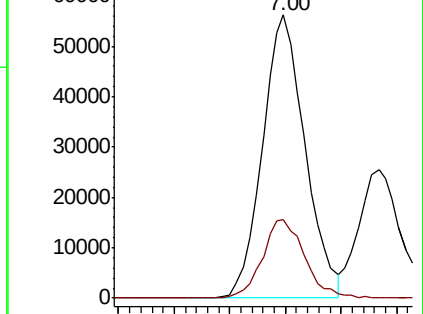
43 100

72 27.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 21.012 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000765.D

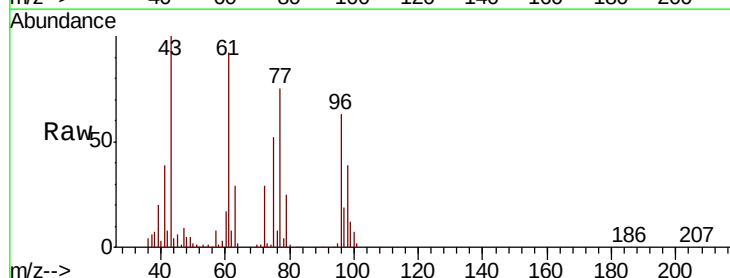
Acq: 21 Nov 2019 14:14

Tgt Ion: 77 Resp: 124426

Ion Ratio Lower Upper

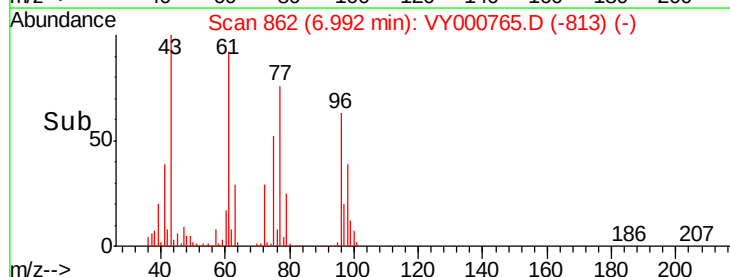
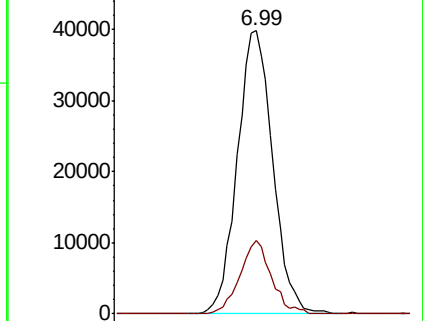
77 100

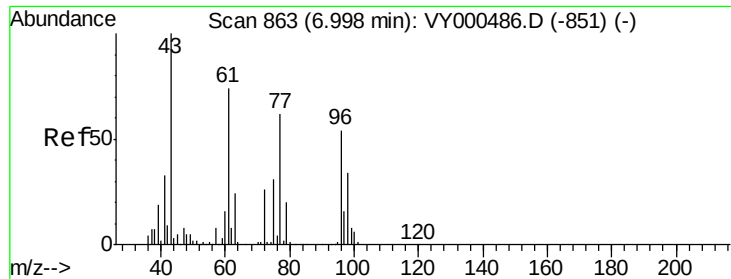
97 23.0 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



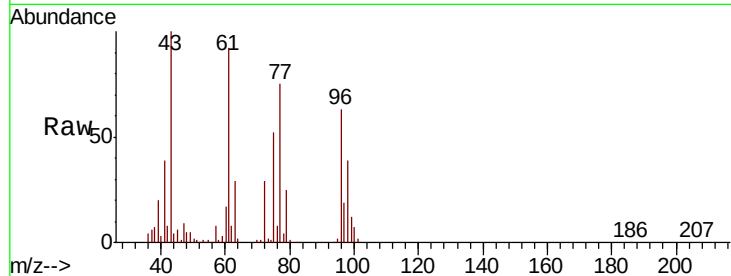


#27

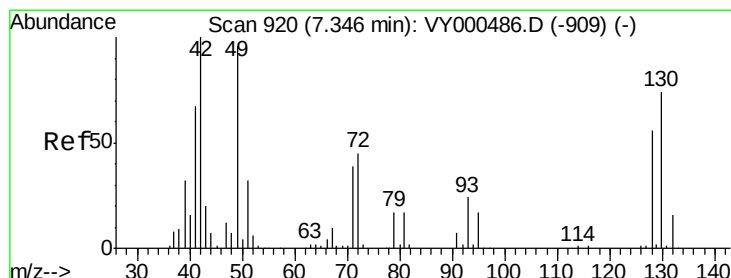
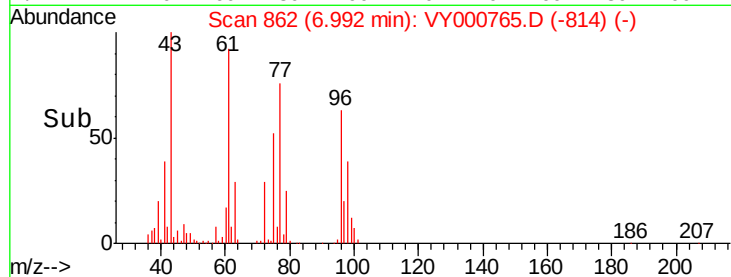
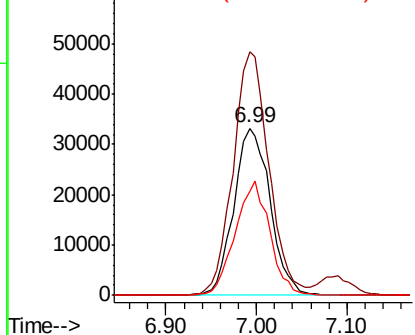
cis-1,2-Dichloroethene
 Concen: 22.018 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 96 Resp: 92113
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 287.0
 98 65.1 0.0 129.4



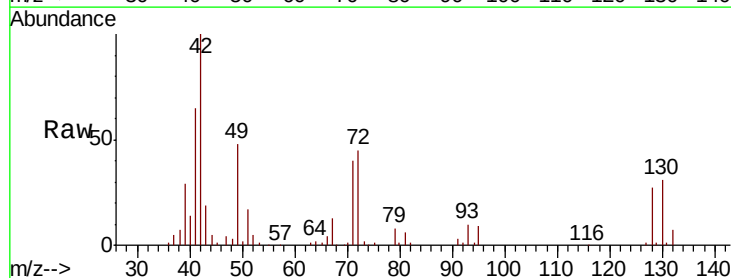
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



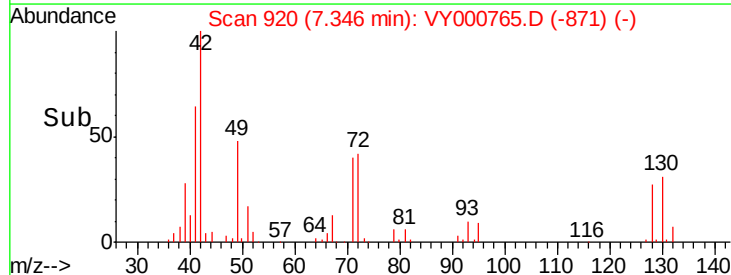
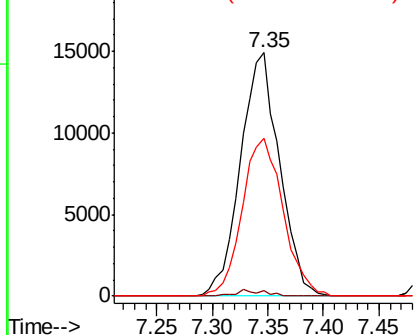
#28

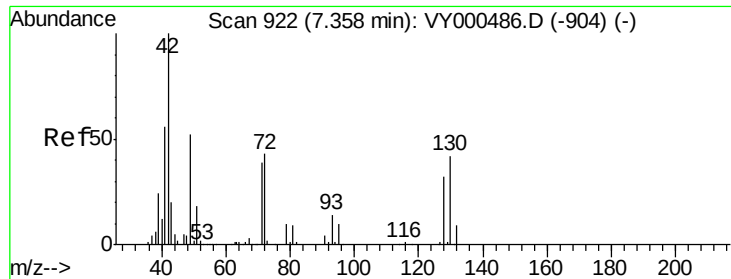
Bromochloromethane
 Concen: 15.380 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion: 49 Resp: 36331
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 68.1 59.4 89.0



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

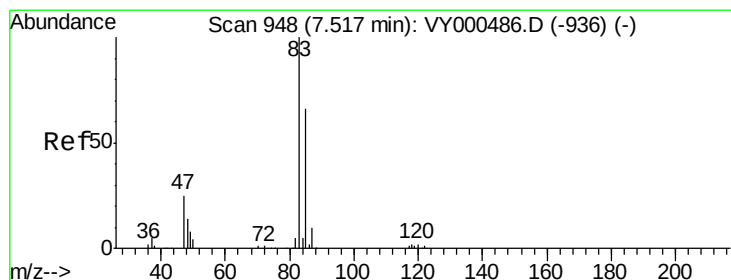
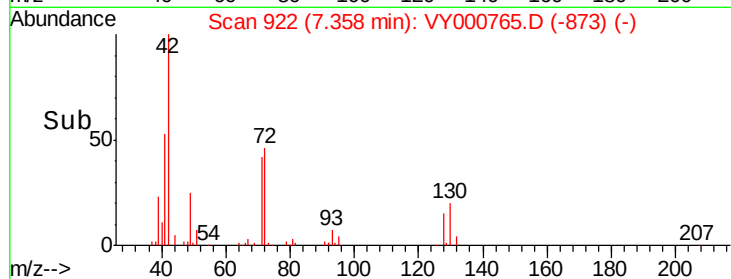
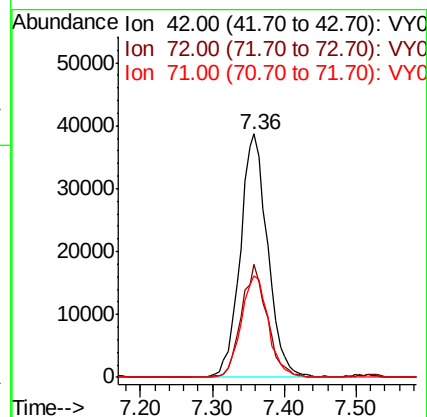
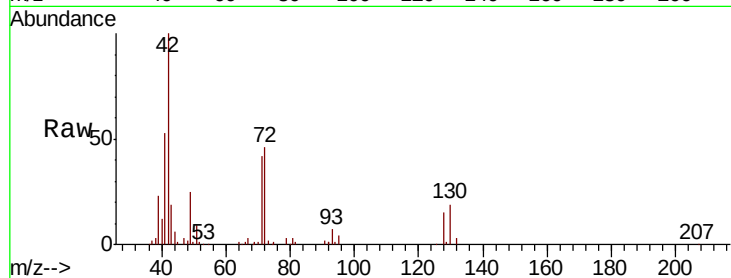




#29
Tetrahydrofuran
Concen: 108.265 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

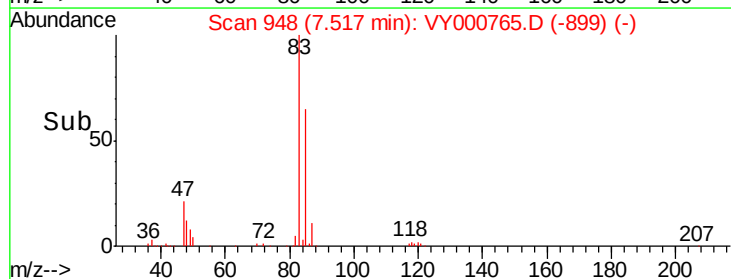
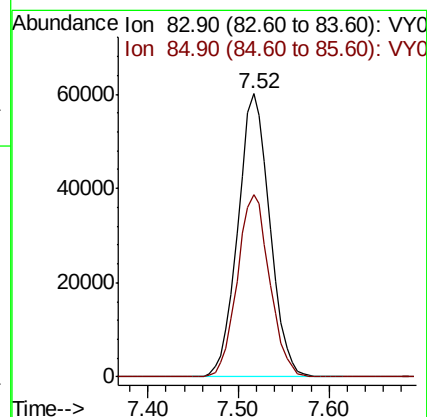
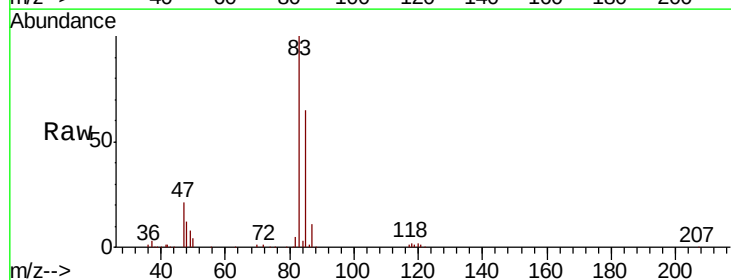
Instrument :
MSVOA_Y
ClientSampled :

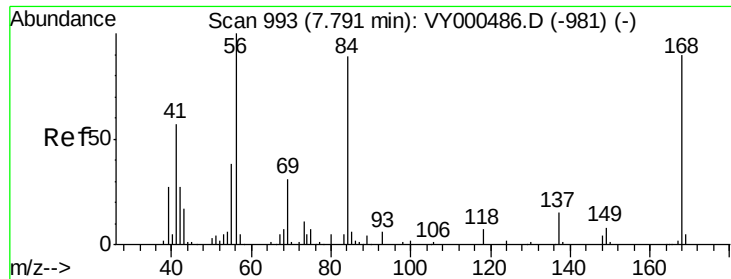
Tot Ion: 42 Resp: 102143
Ion Ratio Lower Upper
42 100
72 43.5 34.0 51.0
71 41.0 30.8 46.2



#30
Chloroform
Concen: 22.350 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion: 83 Resp: 146505
Ion Ratio Lower Upper
83 100
85 64.6 53.0 79.4

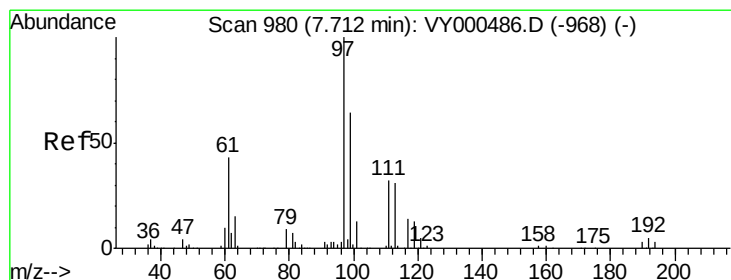
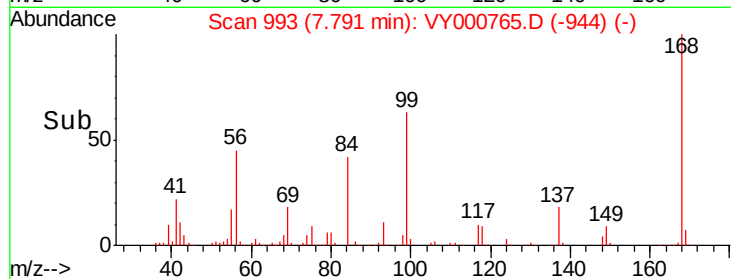
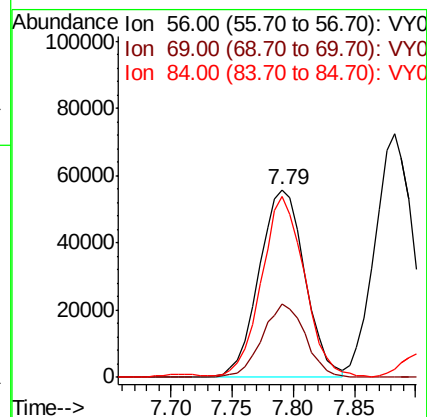
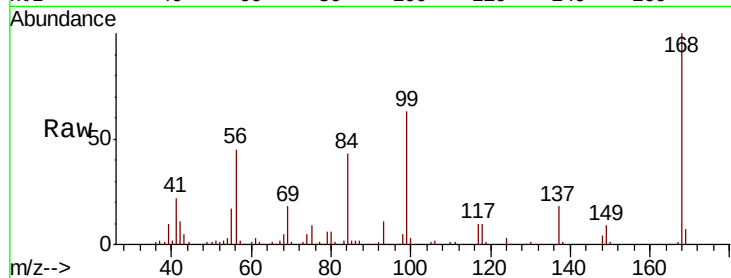




#31
Cyclohexane
Concen: 21.514 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

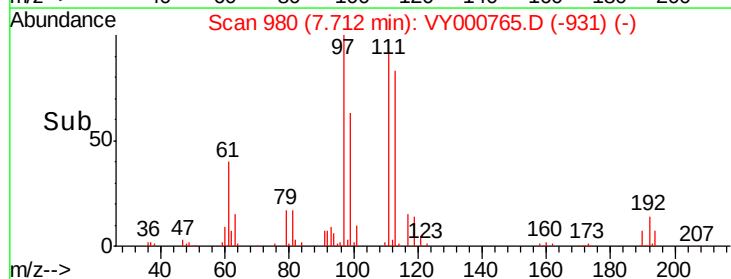
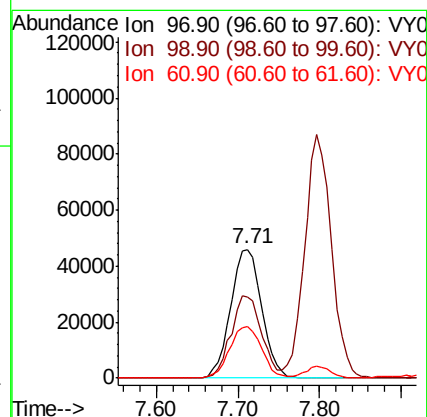
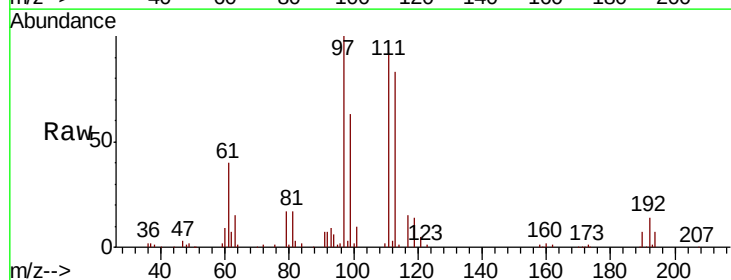
Instrument :
MSVOA_Y
ClientSampled :

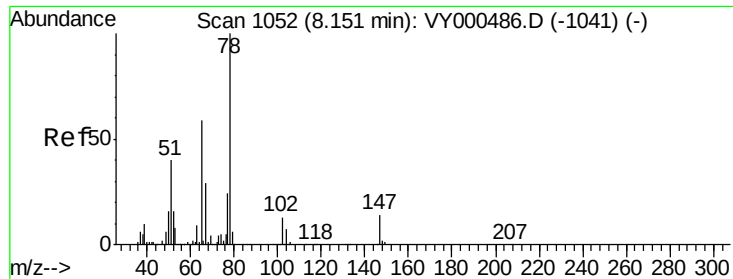
Tot Ion: 56 Resp: 146009
Ion Ratio Lower Upper
56 100
69 39.2 25.0 37.6#
84 95.2 71.4 107.2



#32
1,1,1-Trichloroethane
Concen: 20.612 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion: 97 Resp: 120414
Ion Ratio Lower Upper
97 100
99 63.3 50.9 76.3
61 41.4 34.9 52.3

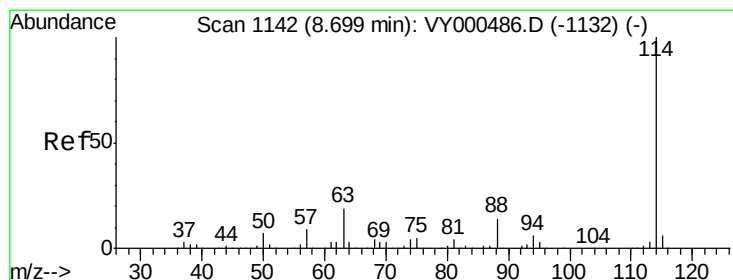
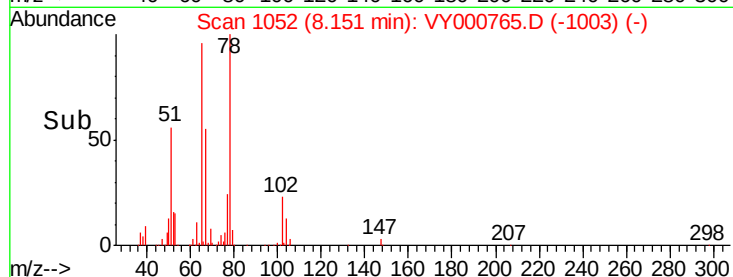
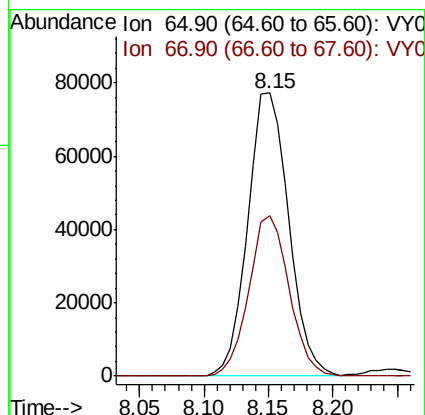
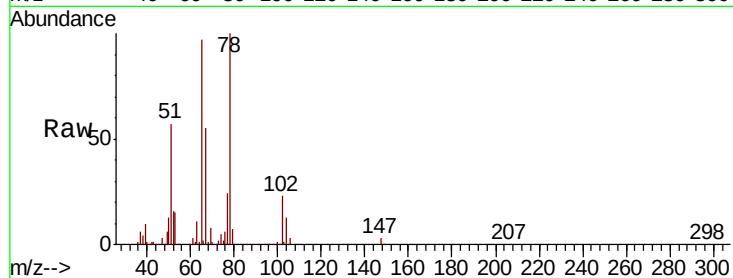




#33
 1,2-Dichloroethane-d4
 Concen: 48.485 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

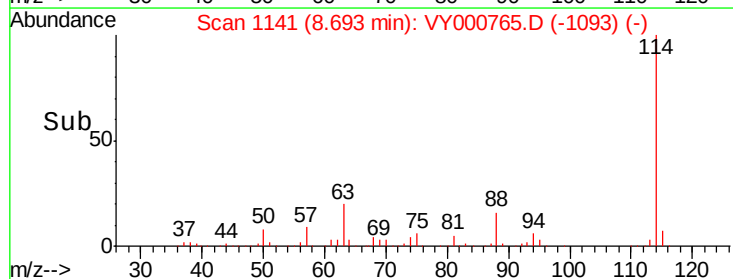
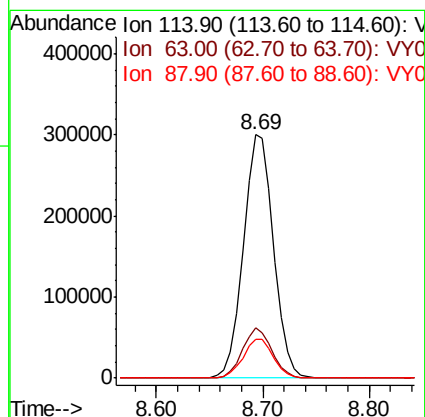
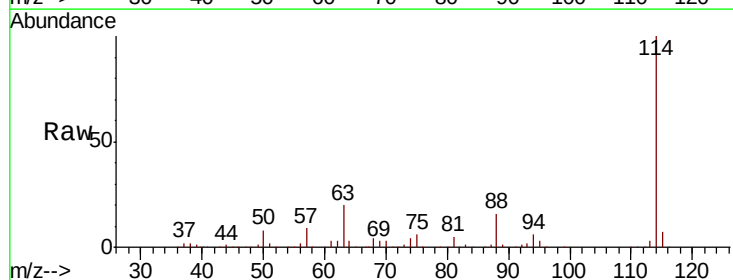
Instrument :
 MSVOA_Y
 ClientSampleId :

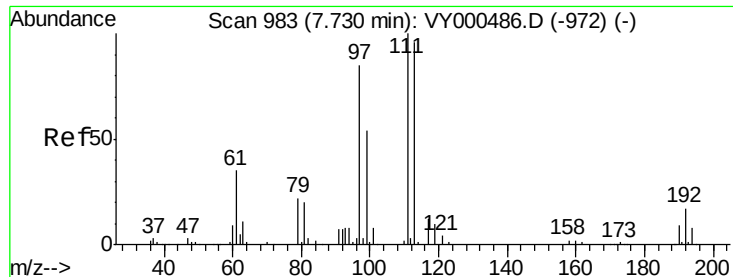
Tot Ion: 65 Resp: 169994
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion: 114 Resp: 594102
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.0
 88 15.9 0.0 28.6

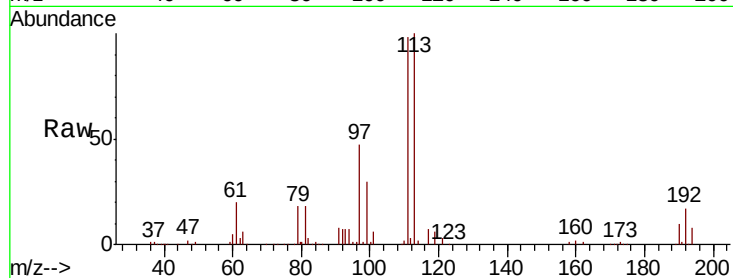




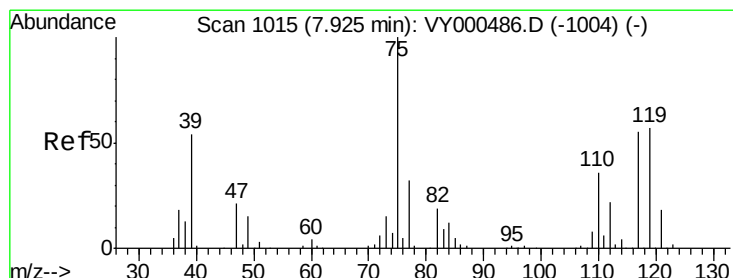
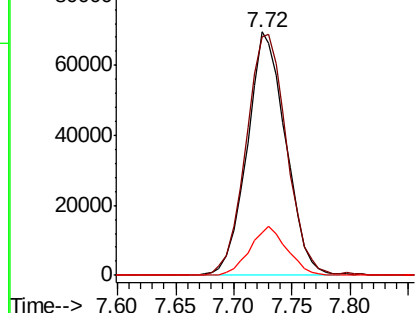
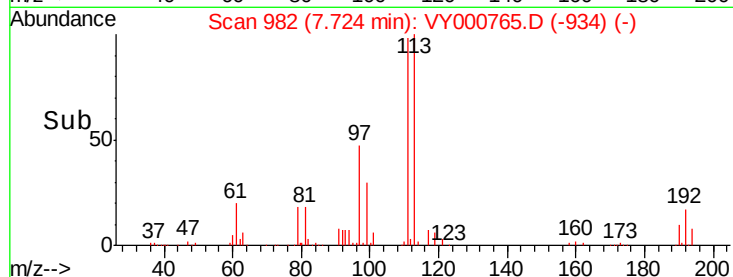
#35
 Dibromofluoromethane
 Concen: 45.861 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:113 Resp: 159952
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.7 122.5
 192 19.4 15.0 22.4

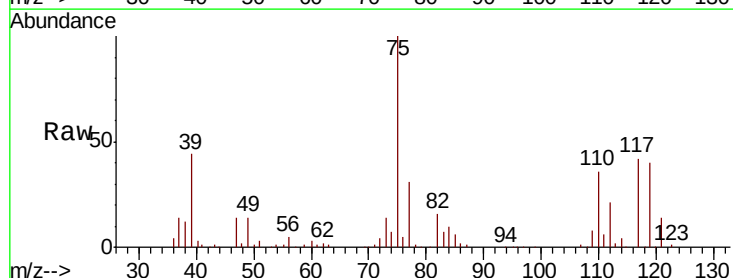


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

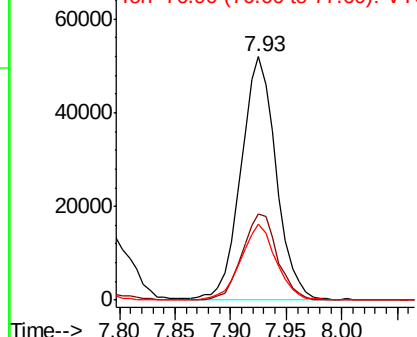
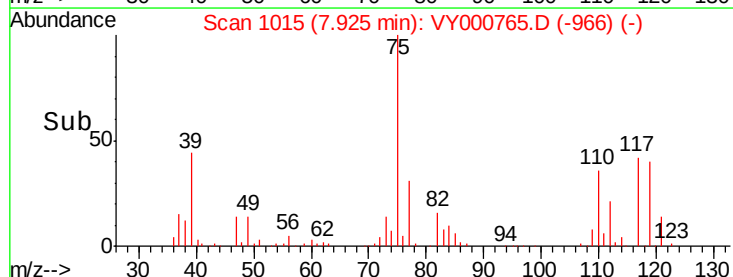


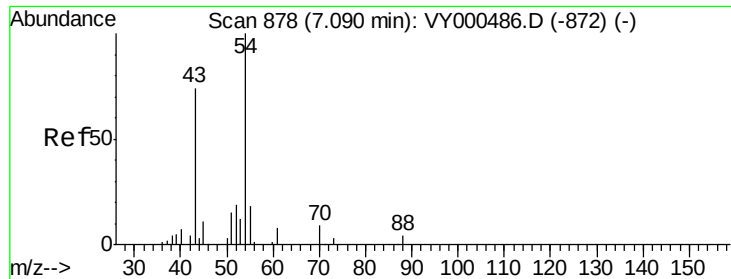
#36
 1,1-Dichloropropene
 Concen: 20.189 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion: 75 Resp: 113389
 Ion Ratio Lower Upper
 75 100
 110 35.7 18.1 54.1
 77 31.4 25.0 37.6



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

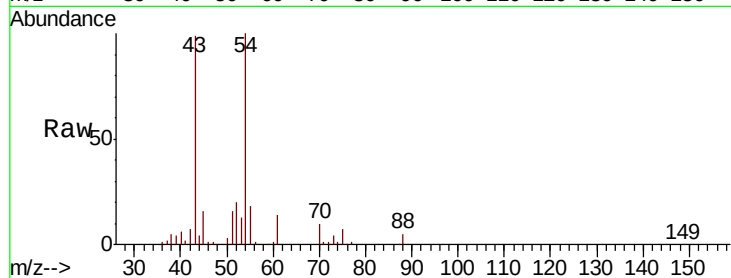




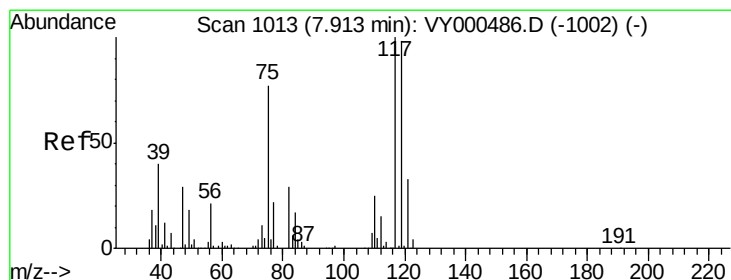
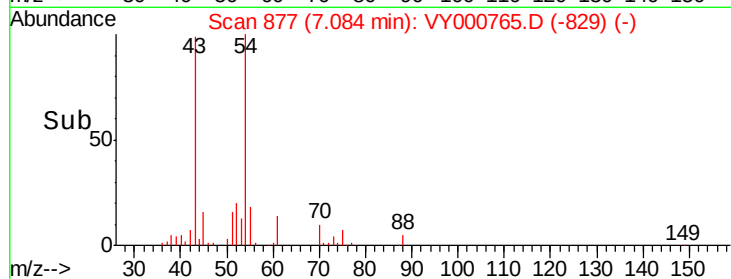
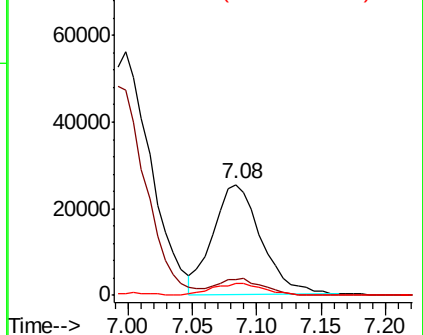
#37
Ethyl Acetate
Concen: 19.884 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 66302
Ion Ratio Lower Upper
43 100
61 14.4 10.2 15.2
70 11.5 7.8 11.8

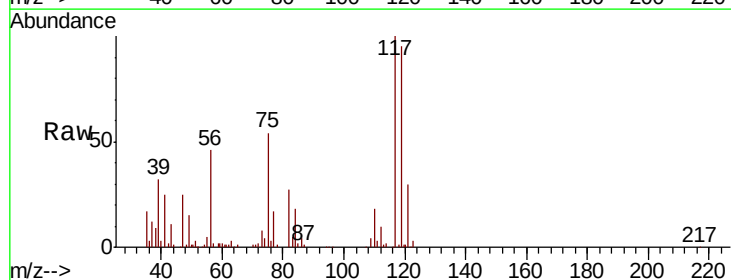


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

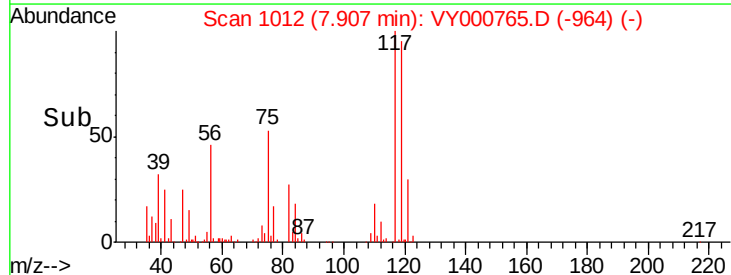
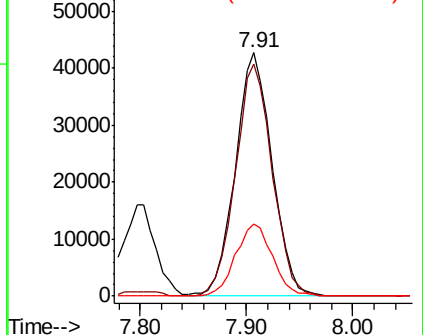


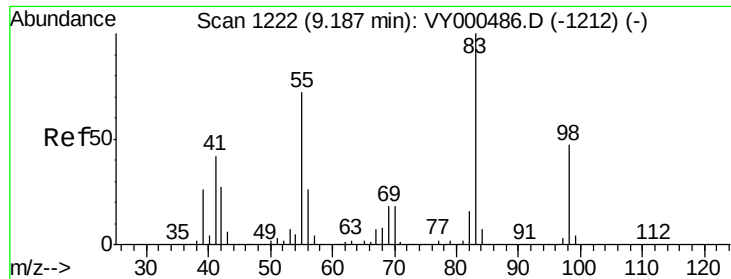
#38
Carbon Tetrachloride
Concen: 19.115 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion: 117 Resp: 103301
Ion Ratio Lower Upper
117 100
119 95.2 78.0 117.0
121 29.5 26.6 40.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

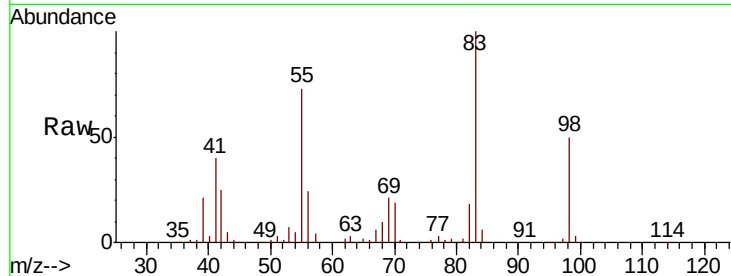




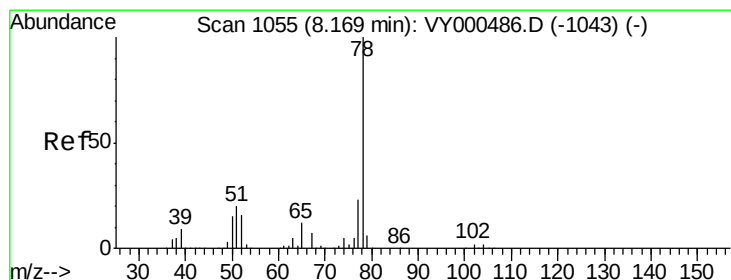
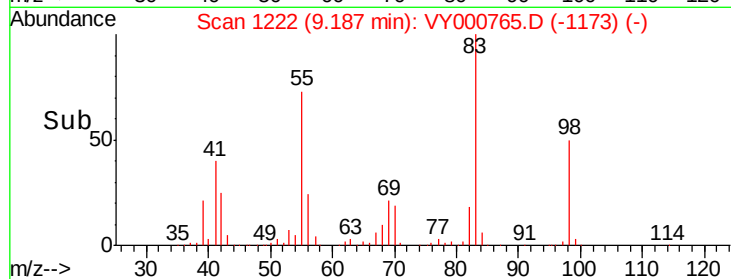
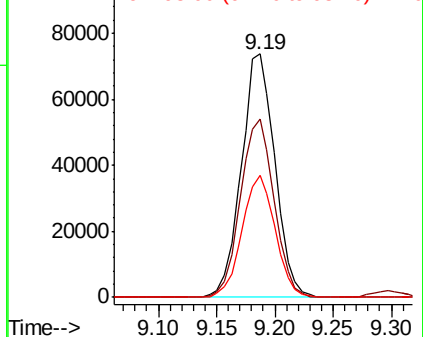
#39
Methylvlcyclohexane
Concen: 20.400 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 148018
Ion Ratio Lower Upper
83 100
55 73.0 57.5 86.3
98 50.1 38.0 57.0

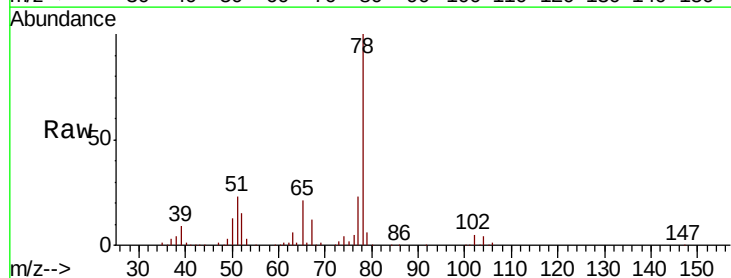


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

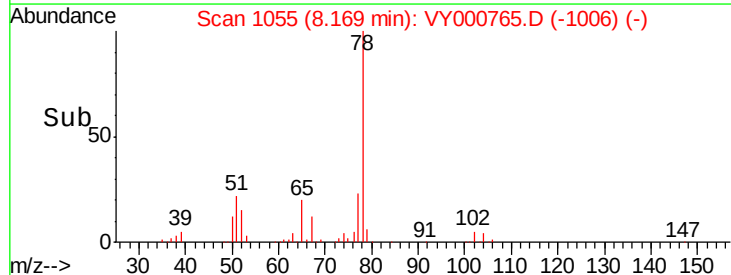
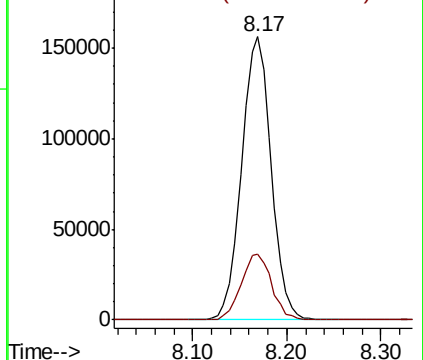


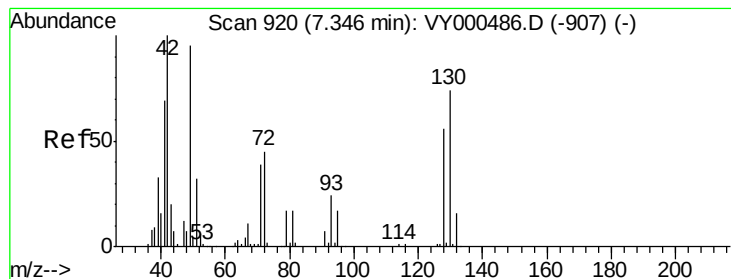
#40
Benzene
Concen: 20.798 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion: 78 Resp: 342461
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0



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





#41

Methacrylonitrile

Concen: 47.813 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 88940

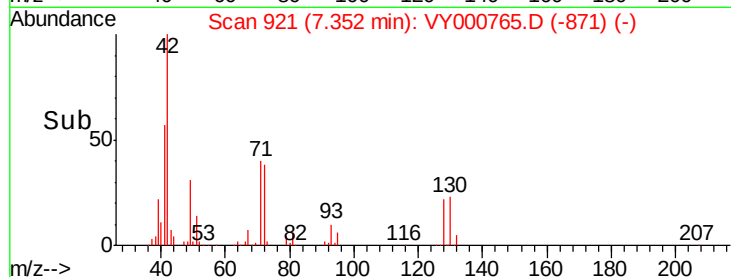
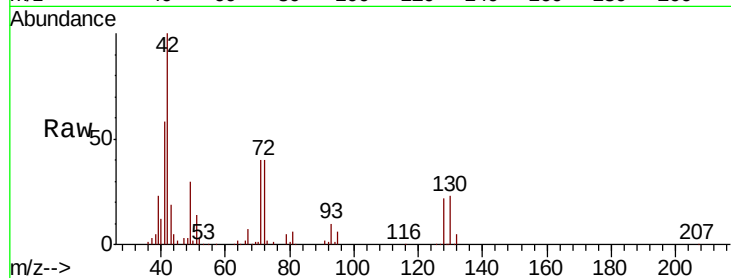
Ion Ratio Lower Upper

41 100

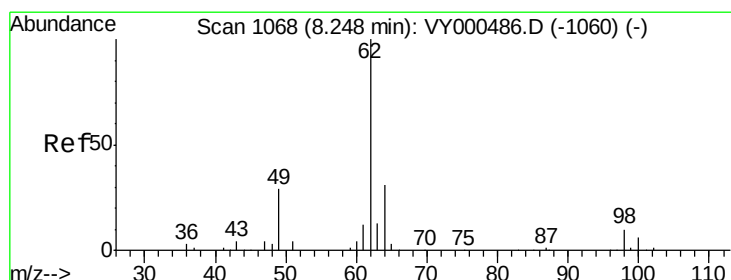
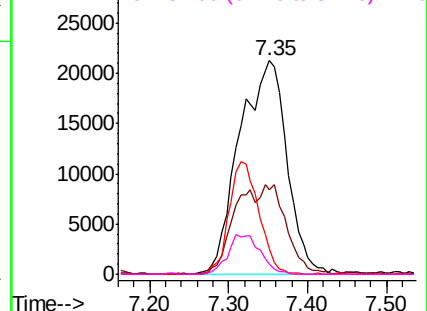
39 0.0 68.2 102.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



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



#42

1,2-Dichloroethane

Concen: 19.475 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VY000765.D

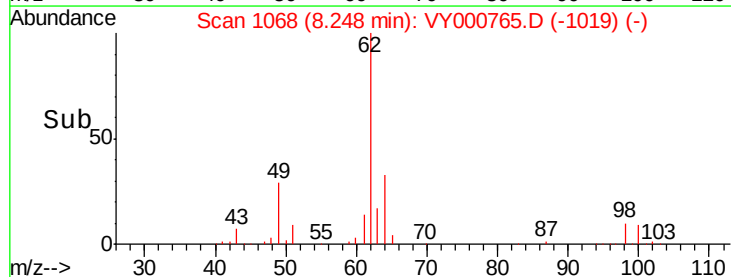
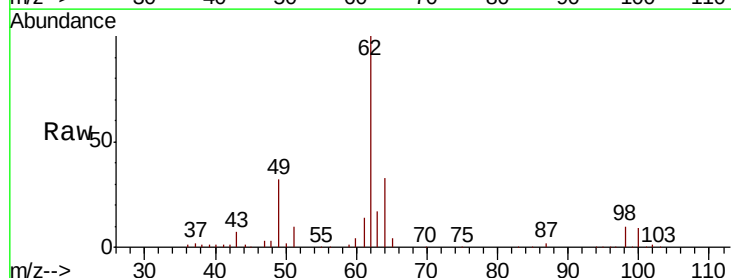
Acq: 21 Nov 2019 14:14

Tgt Ion: 62 Resp: 90951

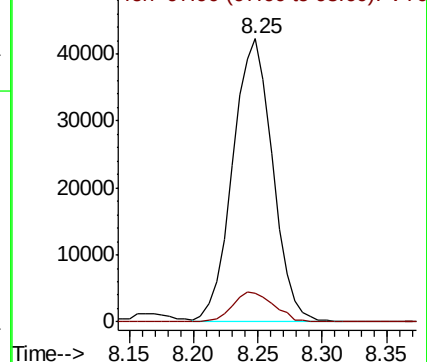
Ion Ratio Lower Upper

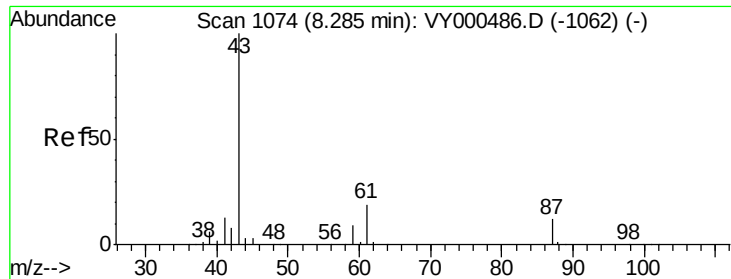
62 100

98 10.9 0.0 19.2



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





#43

Isopropyl Acetate

Concen: 19.872 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

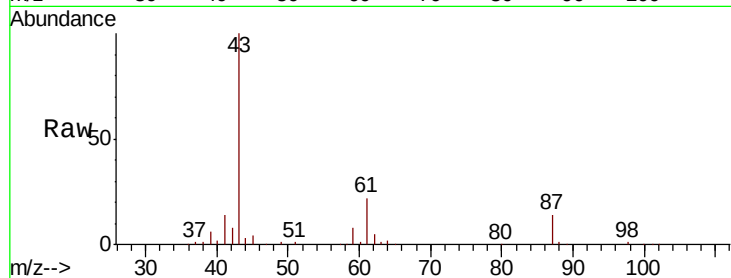
Tot Ion: 43 Resp: 124476

Ion Ratio Lower Upper

43 100

61 30.5 23.0 34.4

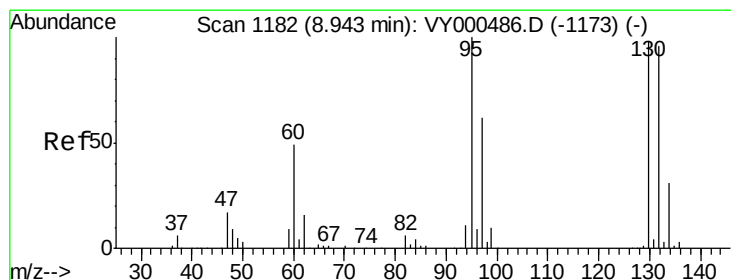
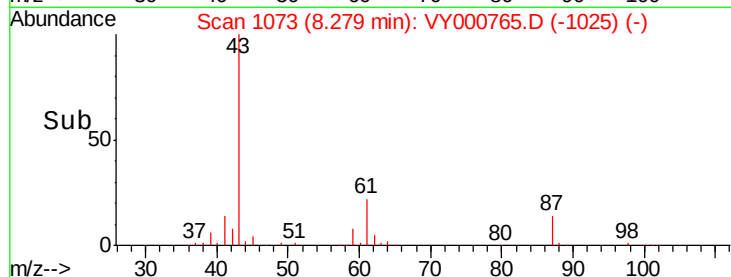
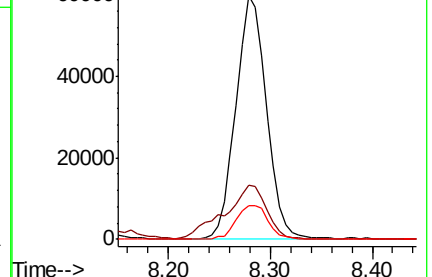
87 14.4 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000765.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000765.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000765.D (-1062) (-)



#44

Trichloroethene

Concen: 21.015 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000765.D

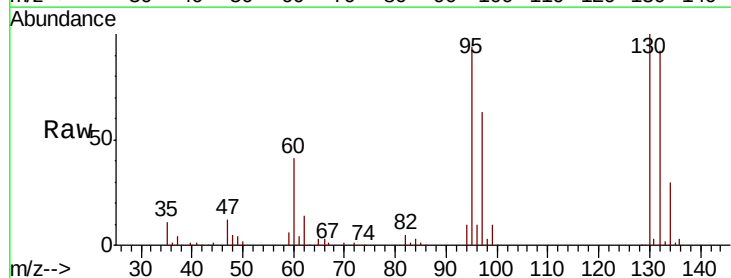
Acq: 21 Nov 2019 14:14

Tgt Ion:130 Resp: 91234

Ion Ratio Lower Upper

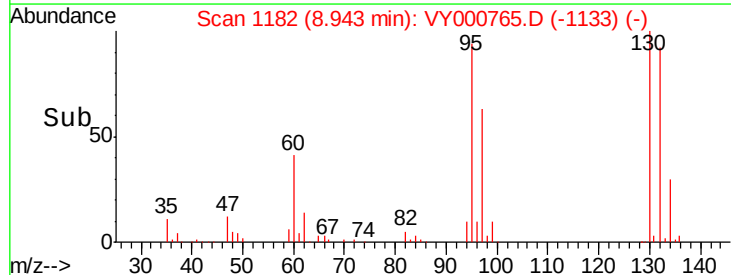
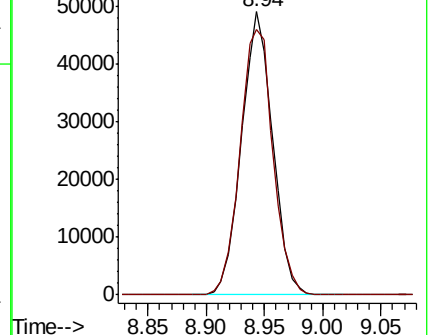
130 100

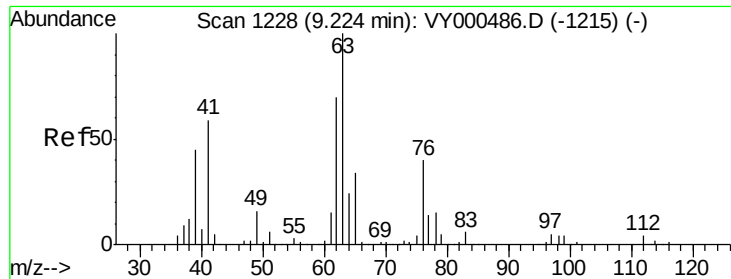
95 93.7 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000765.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY000765.D (-1133) (-)

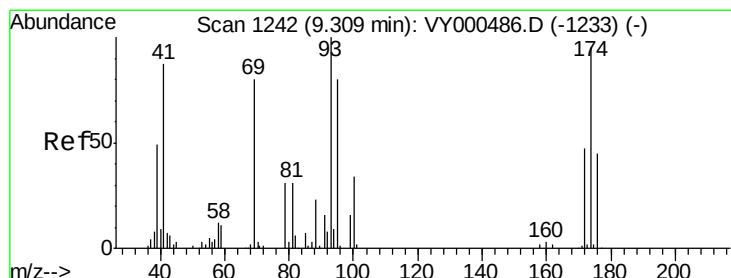
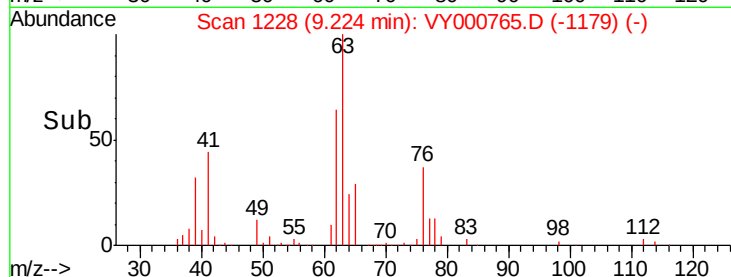
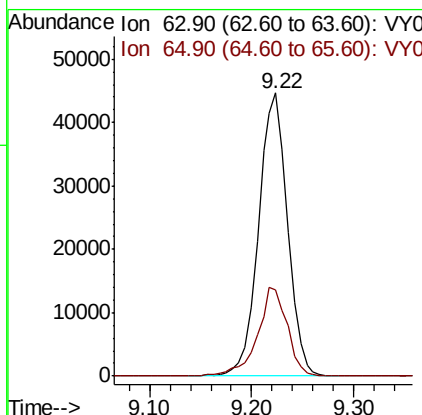
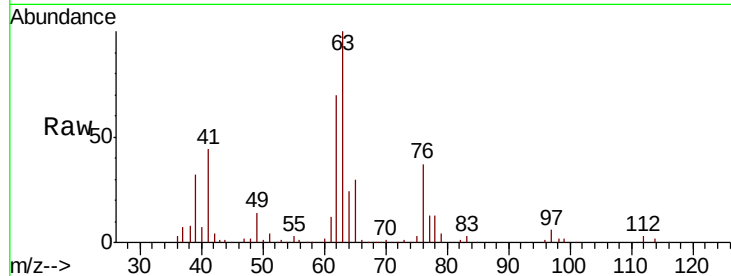




#45
 1,2-Dichloropropane
 Concen: 21.688 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

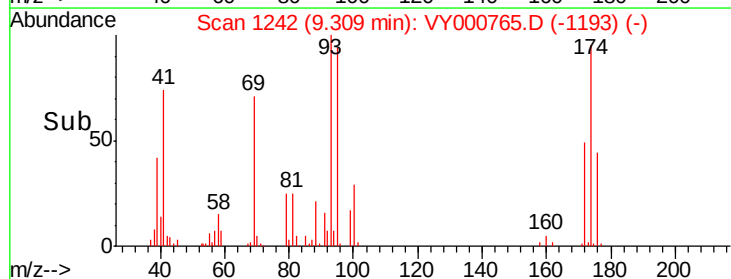
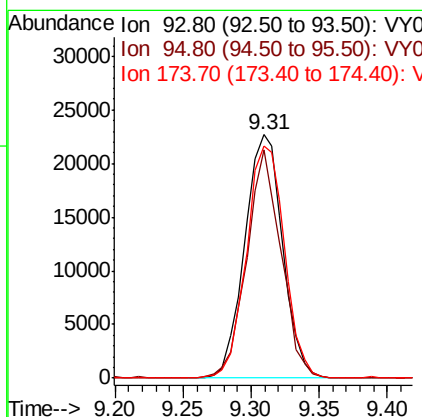
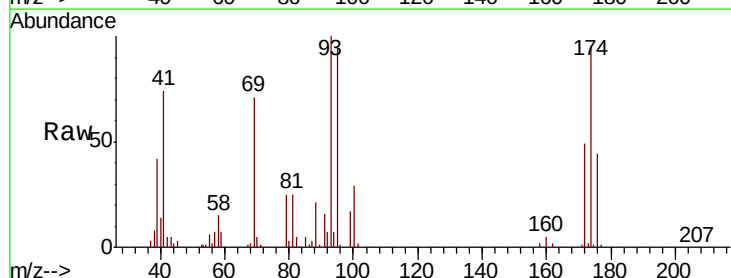
Instrument :
 MSVOA_Y
 ClientSampled :

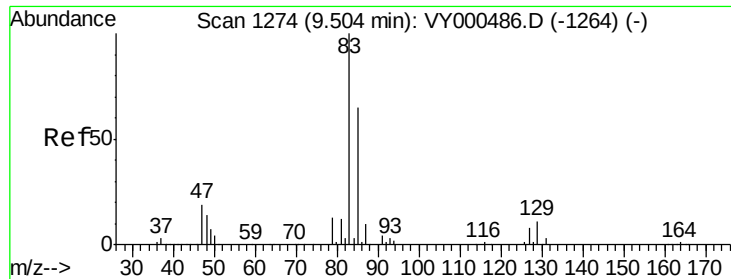
Tot Ion: 63 Resp: 87892
 Ion Ratio Lower Upper
 63 100
 65 30.5 27.0 40.4



#46
 Dibromomethane
 Concen: 19.882 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion: 93 Resp: 44312
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.4 99.6
 174 95.6 77.1 115.7





#47

Bromodichloromethane

Concen: 20.111 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

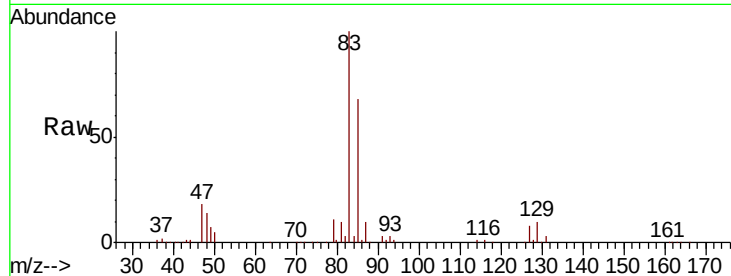
Tot Ion: 83 Resp: 106356

Ion Ratio Lower Upper

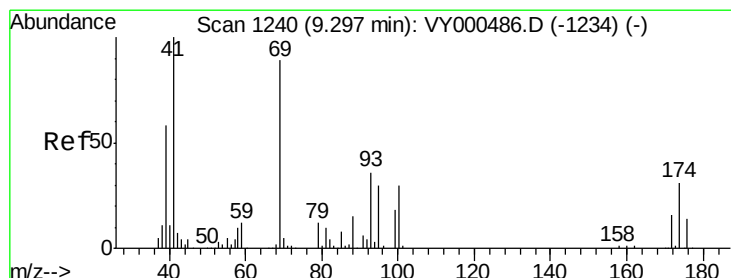
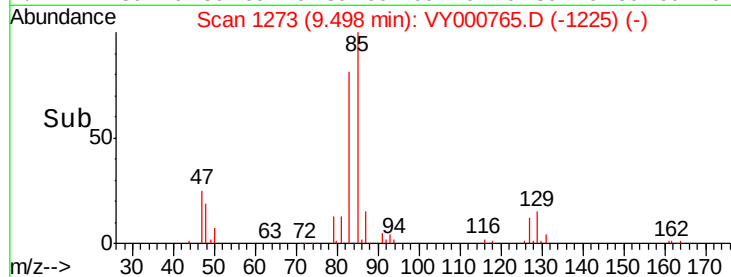
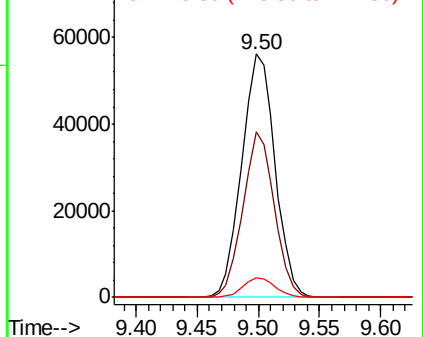
83 100

85 68.0 51.8 77.8

127 7.9 6.7 10.1



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): V



#48

Methyl methacrylate

Concen: 19.727 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

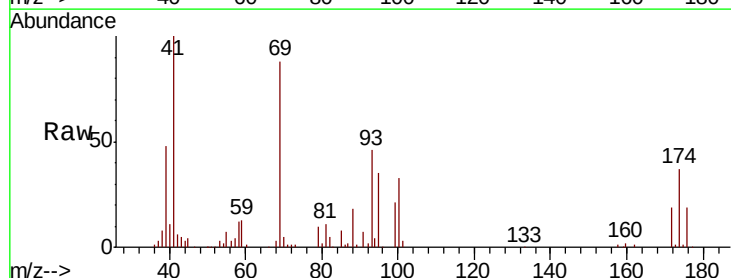
Tgt Ion: 41 Resp: 53989

Ion Ratio Lower Upper

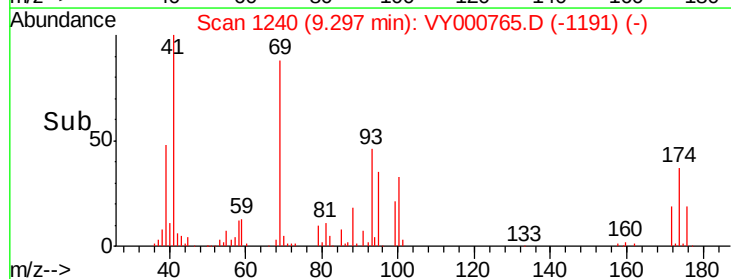
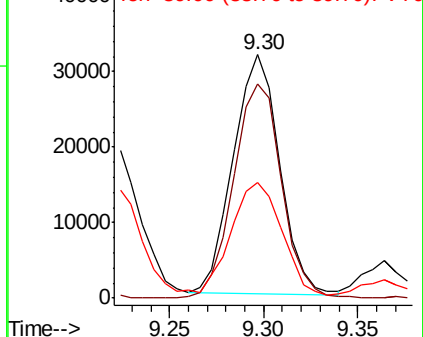
41 100

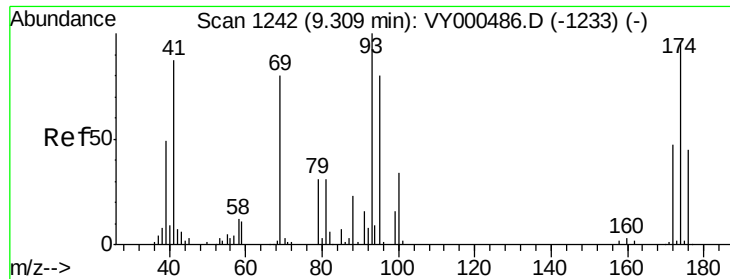
69 93.1 72.5 108.7

39 54.0 47.8 71.8



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: 385.823 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :

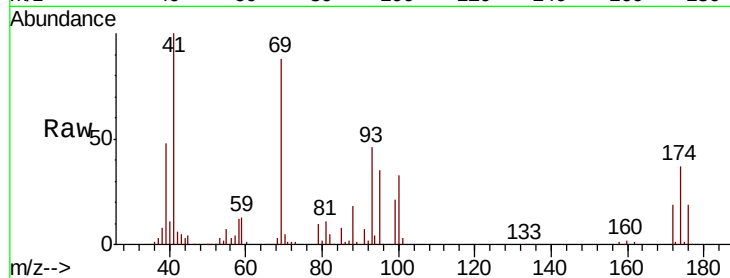
Tot Ion: 88 Resp: 11573

Ion Ratio Lower Upper

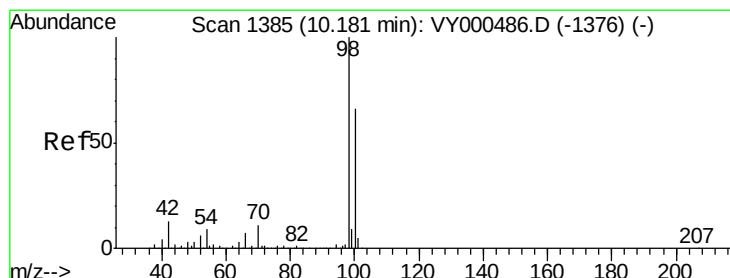
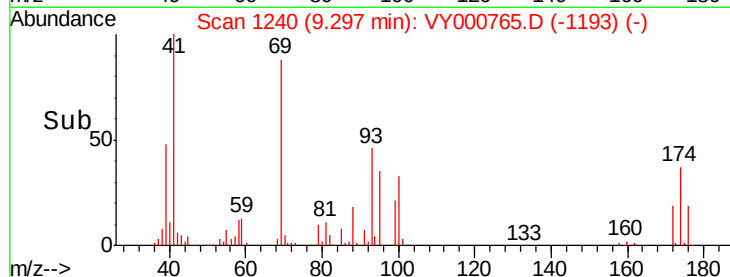
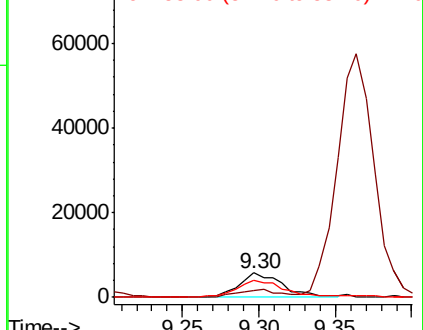
88 100

43 30.6 25.1 37.7

58 77.2 50.6 75.8#



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



#50

Toluene-d8

Concen: 50.949 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000765.D

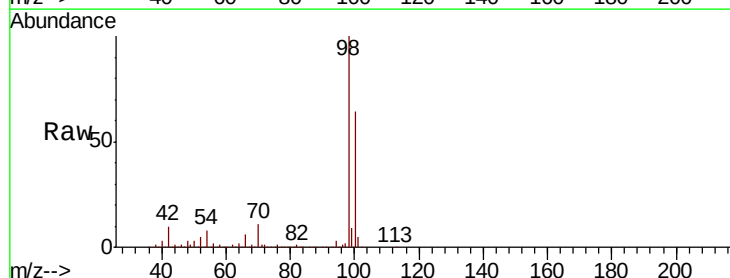
Acq: 21 Nov 2019 14:14

Tgt Ion: 98 Resp: 674269

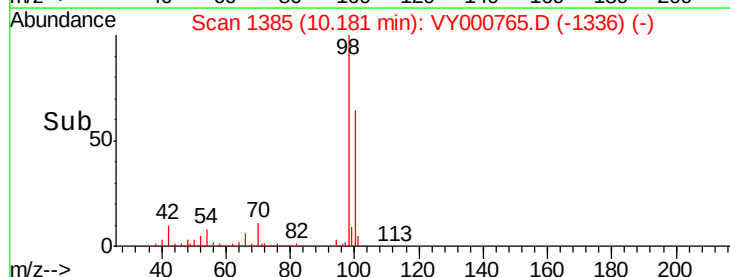
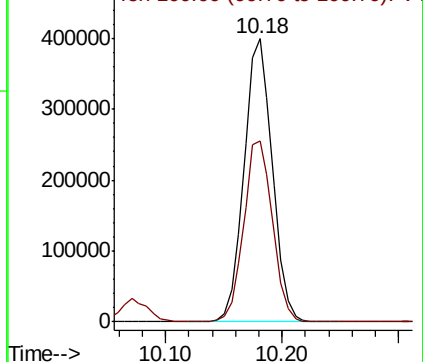
Ion Ratio Lower Upper

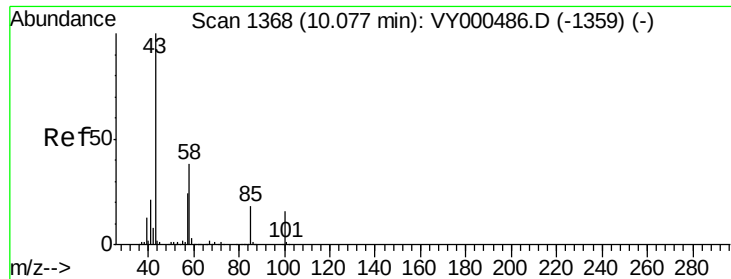
98 100

100 65.0 52.9 79.3



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

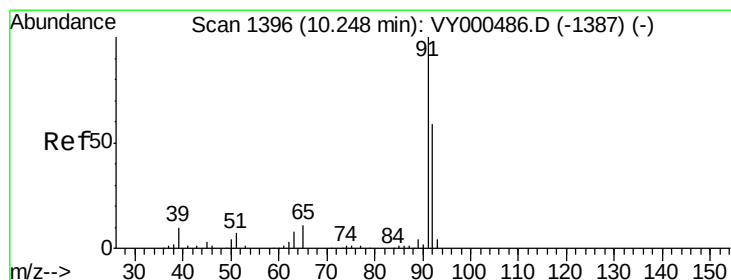
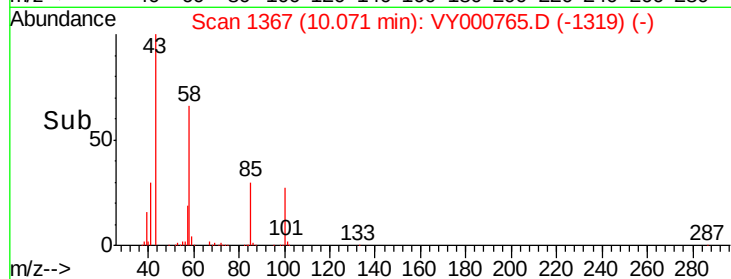
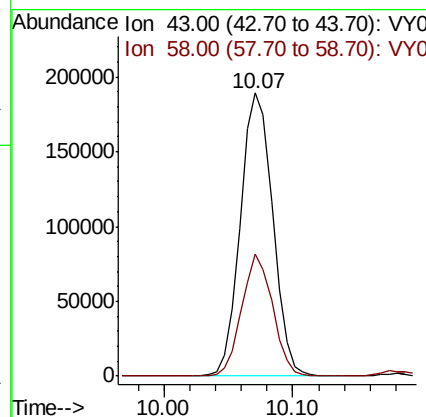
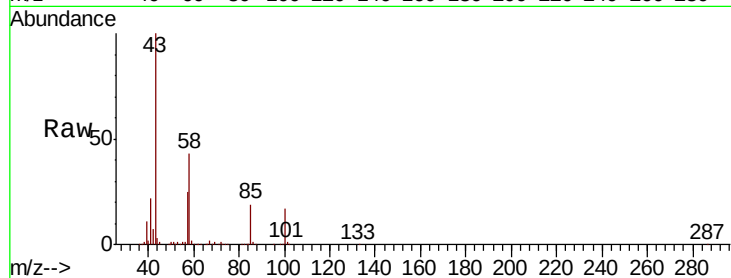




#51
4-Methyl-2-Pentanone
Concen: 98.924 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

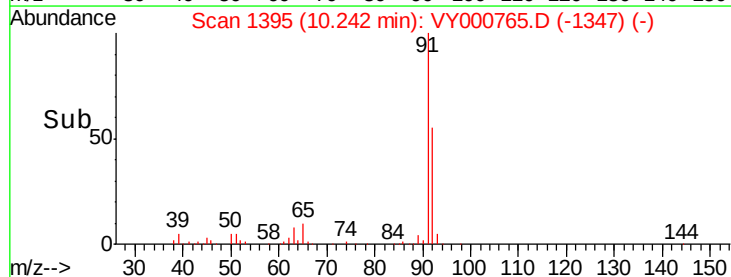
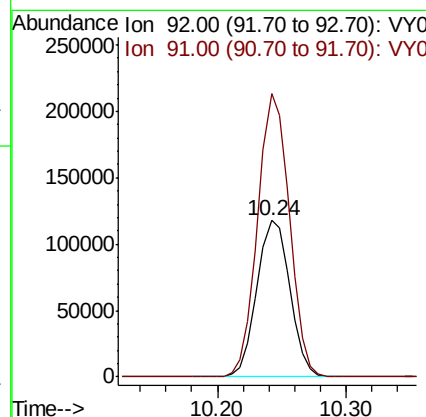
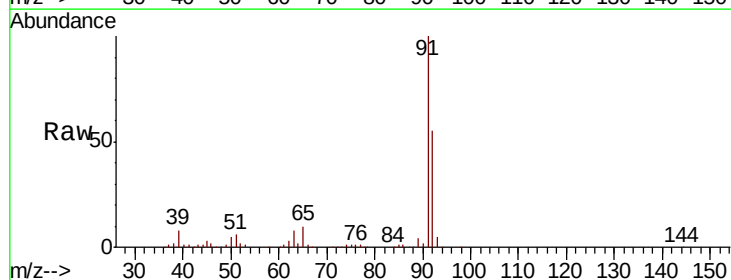
Instrument :
MSVOA_Y
ClientSampleId :

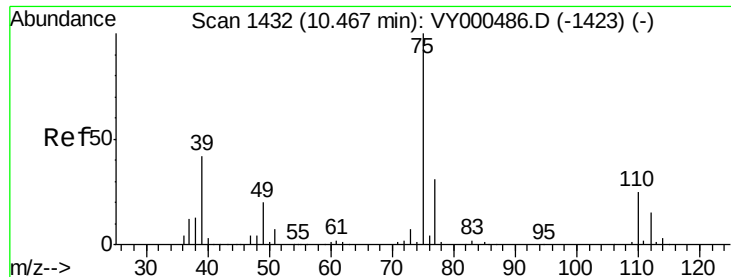
Tot Ion: 43 Resp: 329446
Ion Ratio Lower Upper
43 100
58 41.3 30.2 45.4



#52
Toluene
Concen: 20.036 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion: 92 Resp: 208580
Ion Ratio Lower Upper
92 100
91 174.3 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 20.466 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

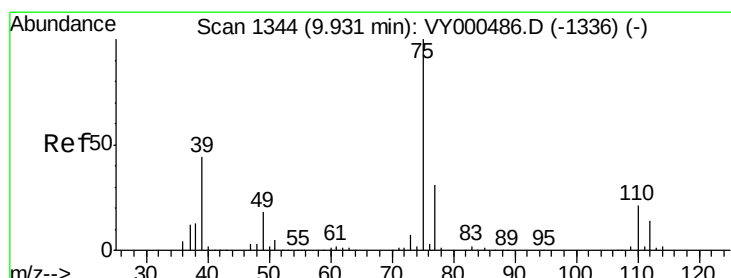
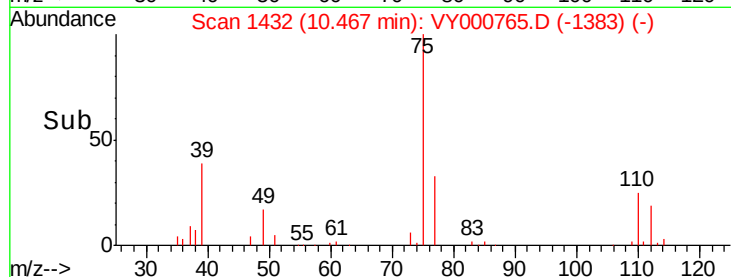
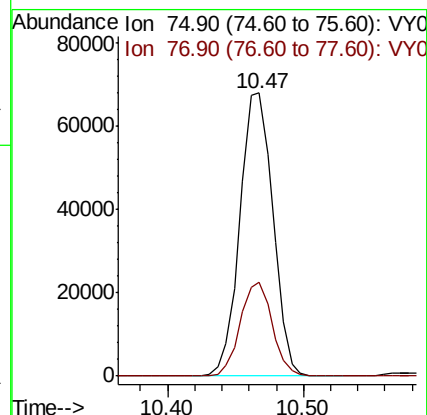
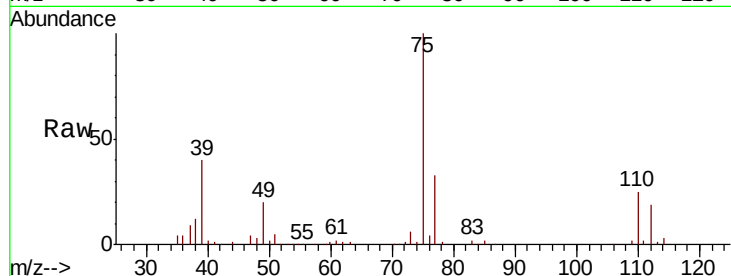
ClientSampleId :

Tot Ion: 75 Resp: 115648

Ion Ratio Lower Upper

75 100

77 33.4 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 20.851 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

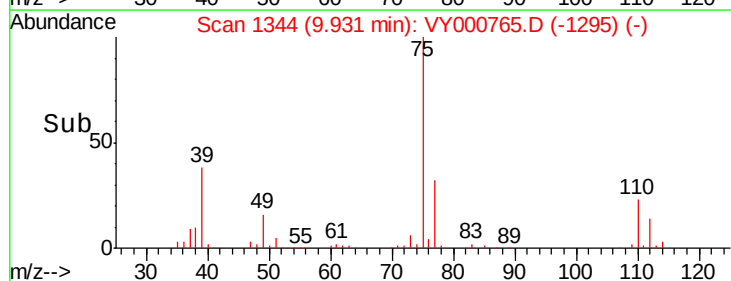
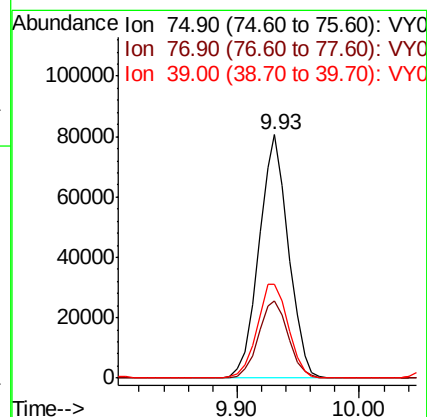
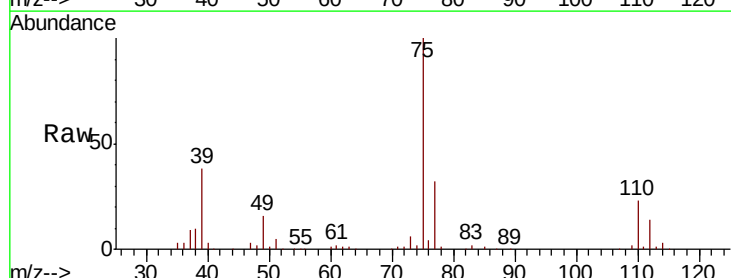
Tgt Ion: 75 Resp: 134976

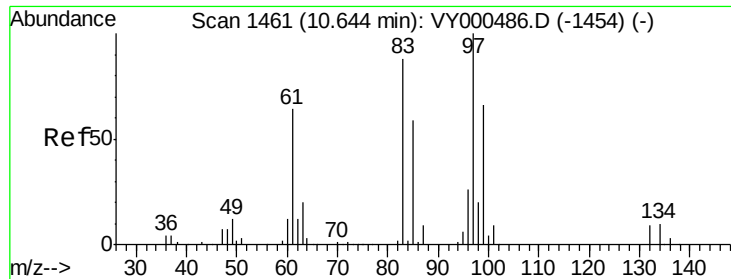
Ion Ratio Lower Upper

75 100

77 31.7 24.5 36.7

39 38.5 35.4 53.2

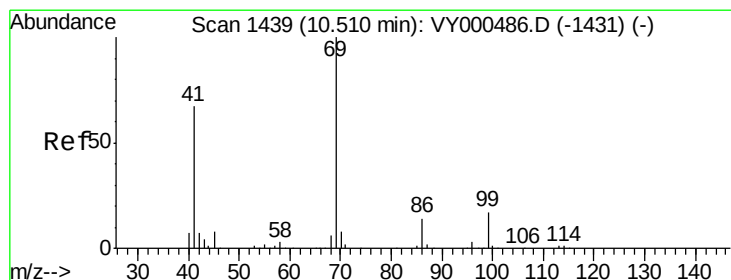
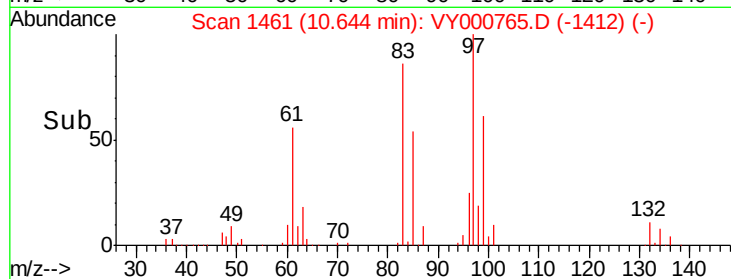
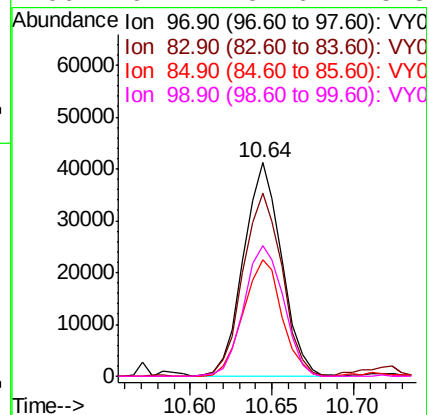
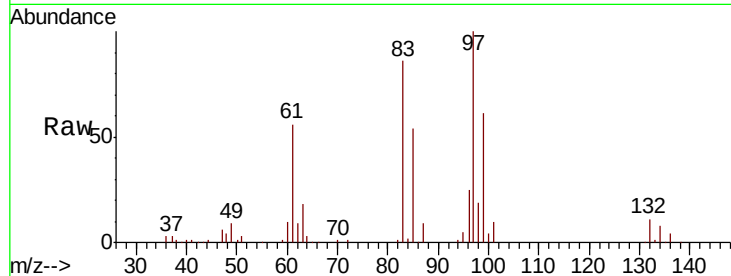




#55
1,1,2-Trichloroethane
Concen: 20.783 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. 0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

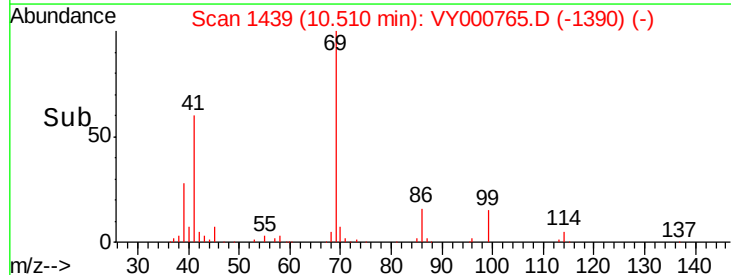
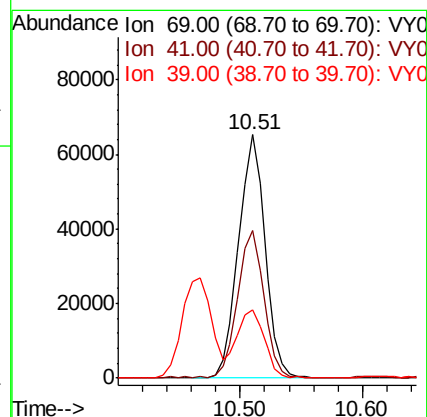
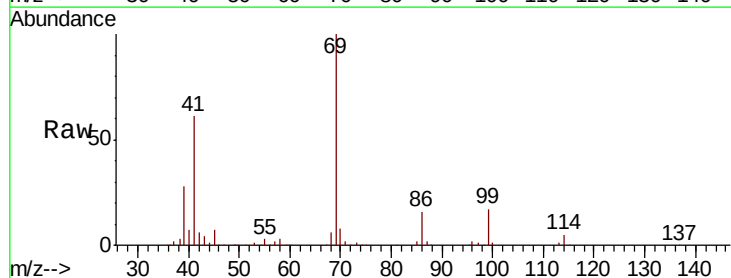
Instrument :
MSVOA_Y
ClientSampled :

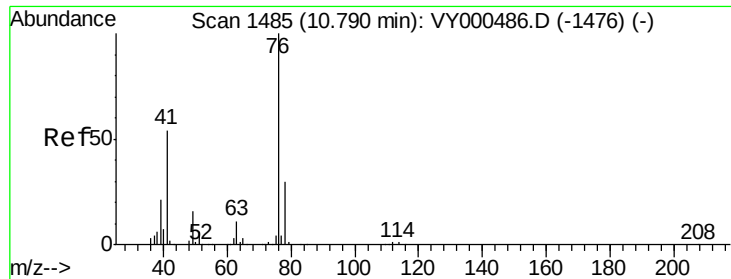
Tot Ion: 97 Resp: 66997
Ion Ratio Lower Upper
97 100
83 85.5 70.2 105.4
85 54.4 46.9 70.3
99 61.4 52.6 78.8



#56
Ethyl methacrylate
Concen: 21.455 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion: 69 Resp: 98026
Ion Ratio Lower Upper
69 100
41 59.6 53.3 79.9
39 29.4 28.0 42.0





#57

1,3-Dichloropropane

Concen: 20.735 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

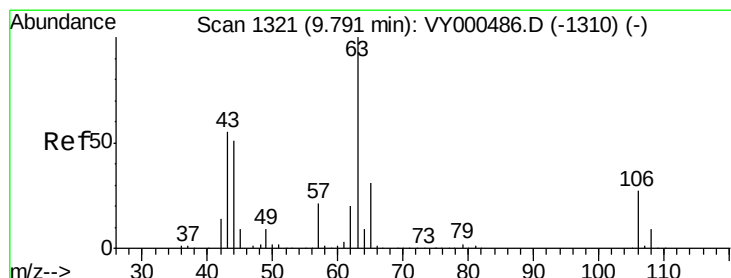
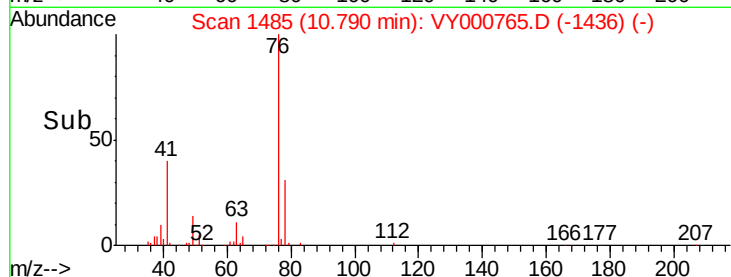
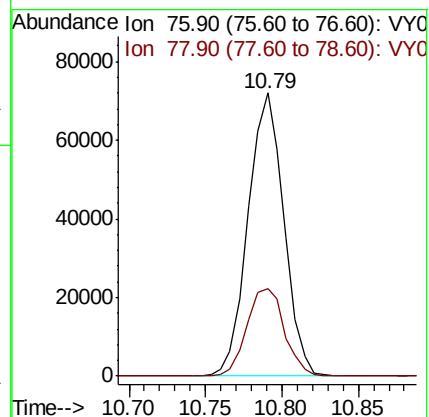
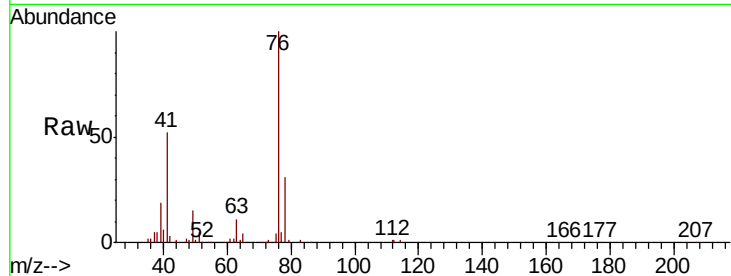
ClientSampleId :

Tot Ion: 76 Resp: 116990

Ion Ratio Lower Upper

76 100

78 32.5 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 106.863 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000765.D

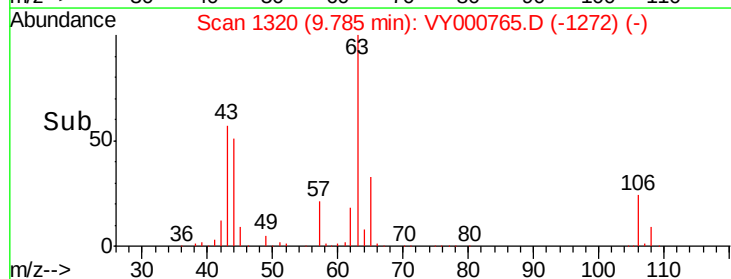
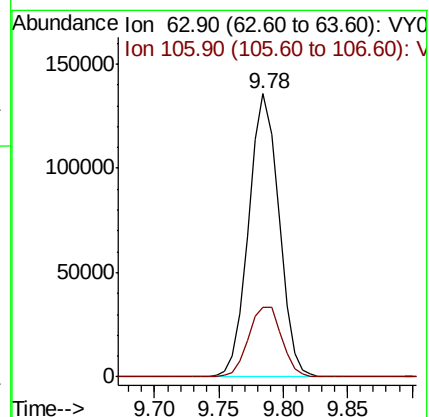
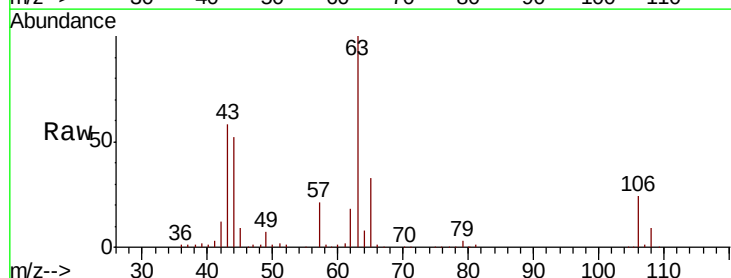
Acq: 21 Nov 2019 14:14

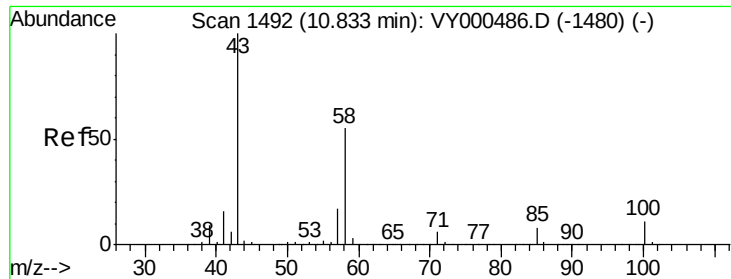
Tgt Ion: 63 Resp: 220733

Ion Ratio Lower Upper

63 100

106 26.9 22.6 33.8

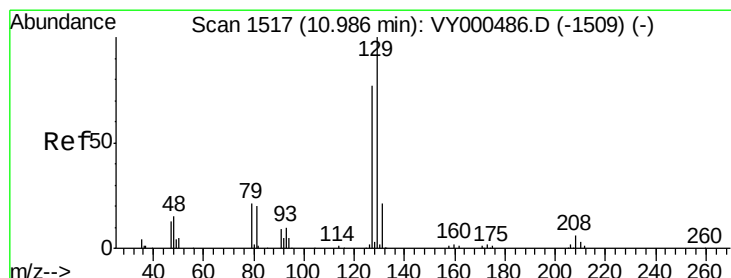
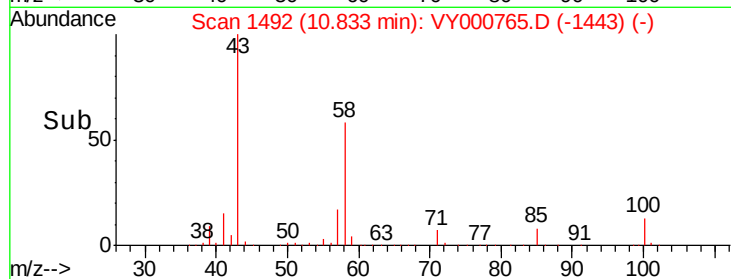
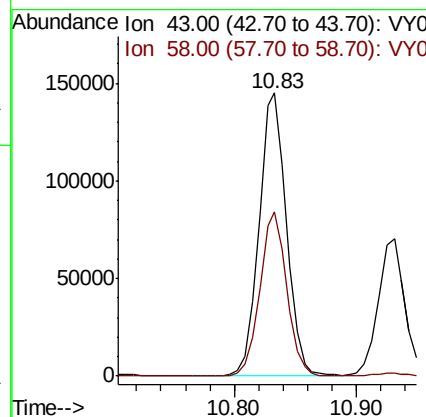
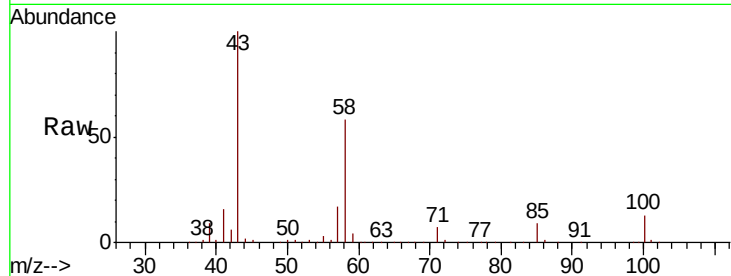




#59
2-Hexanone
Concen: 93.278 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

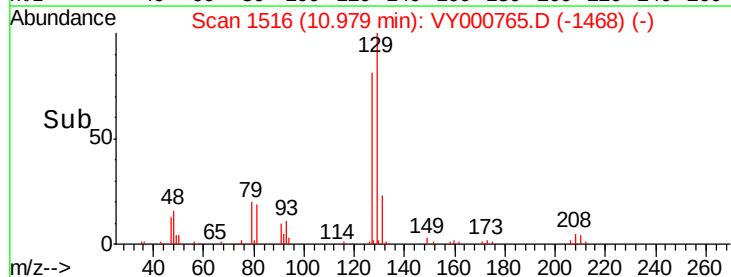
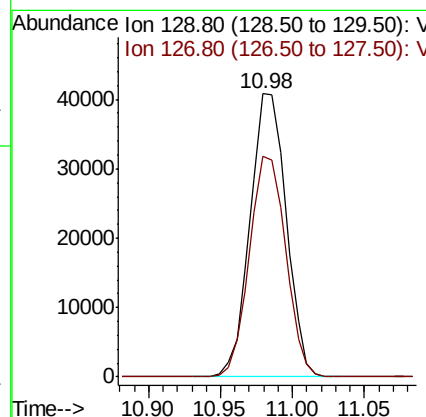
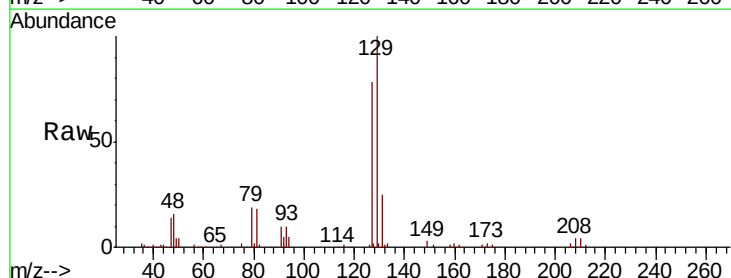
Instrument :
MSVOA_Y
ClientSampleId :

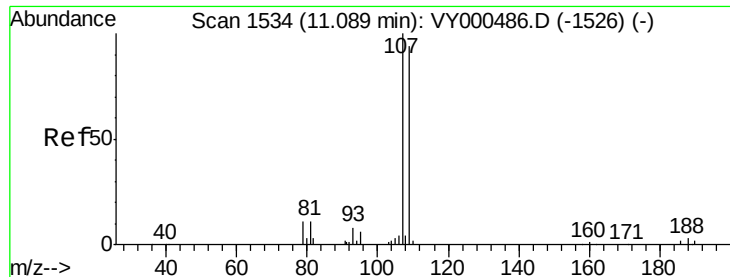
Tot Ion: 43 Resp: 226333
Ion Ratio Lower Upper
43 100
58 57.2 27.1 81.3



#60
Dibromochloromethane
Concen: 19.194 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion: 129 Resp: 70872
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2

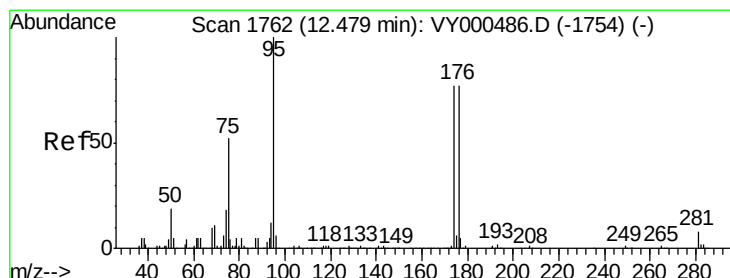
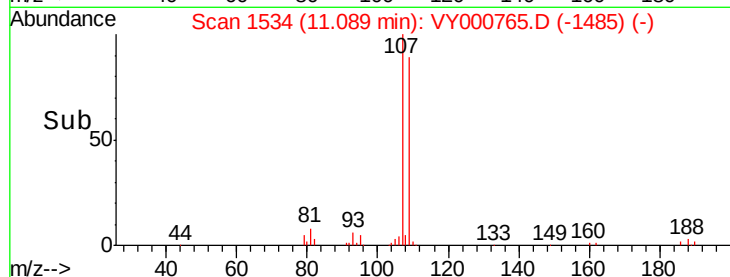
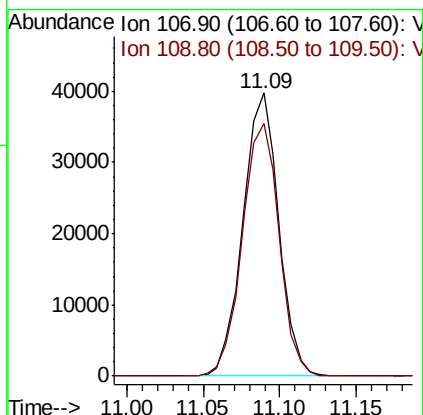
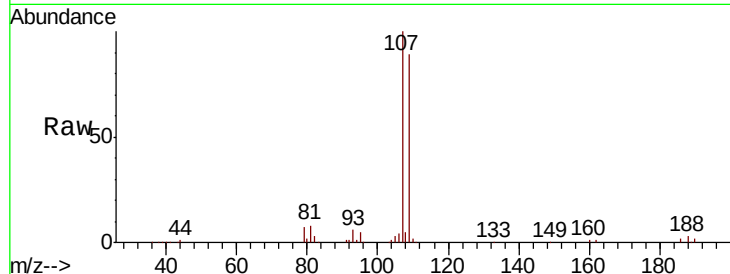




#61
 1,2-Dibromoethane
 Concen: 20.811 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

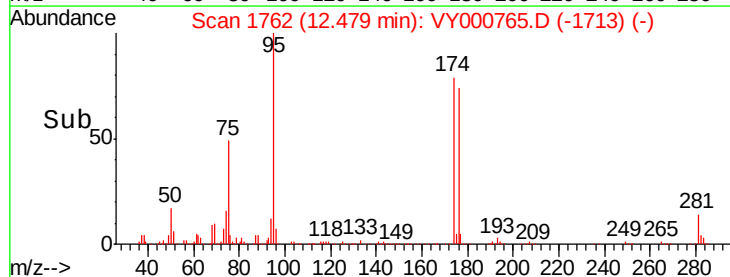
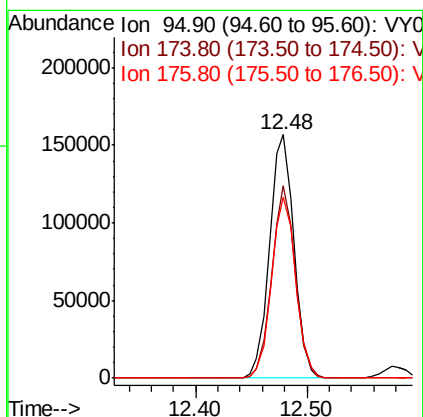
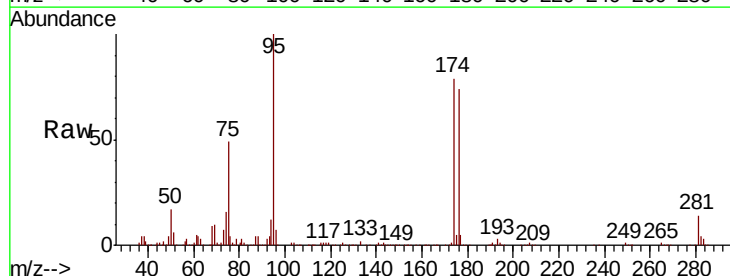
Instrument :
 MSVOA_Y
 ClientSampleId :

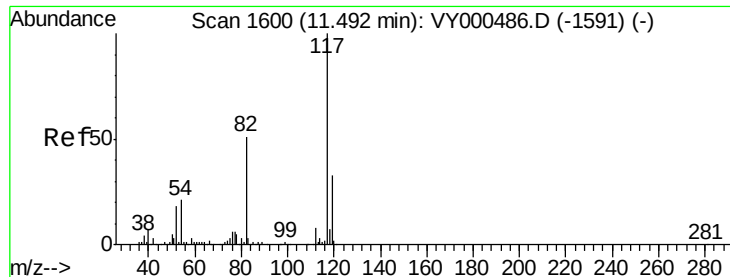
Tot Ion: 107 Resp: 64504
 Ion Ratio Lower Upper
 107 100
 109 91.9 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 47.482 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion: 95 Resp: 239223
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 161.6
 176 73.4 0.0 157.8

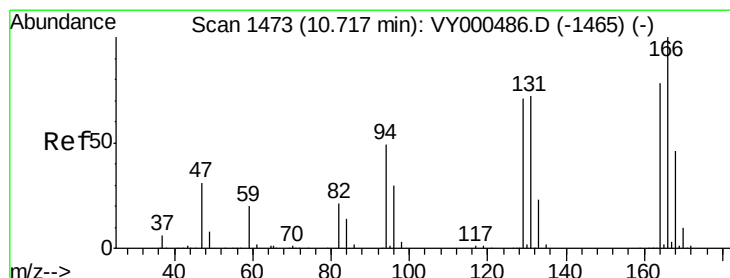
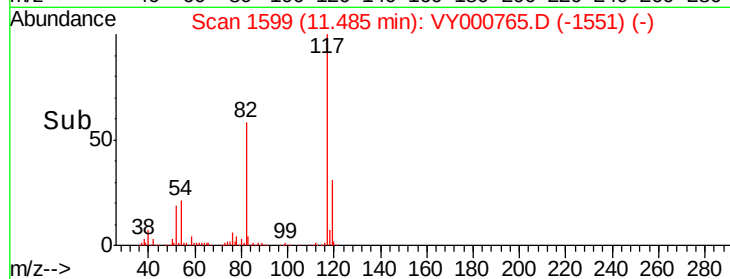
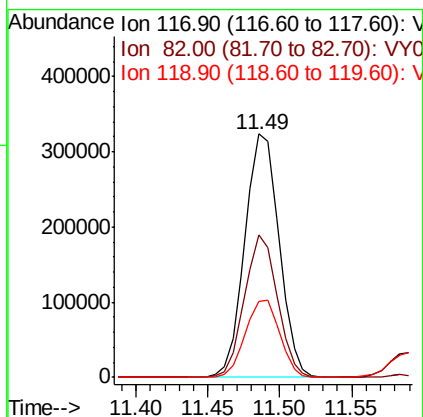
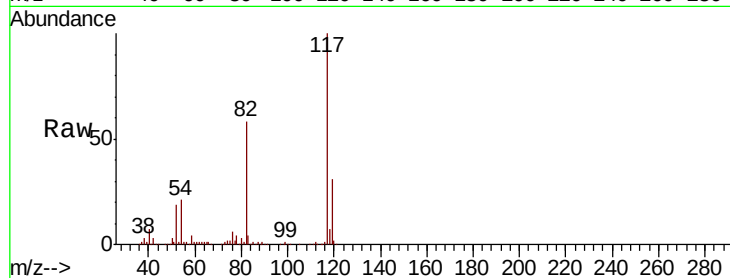




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

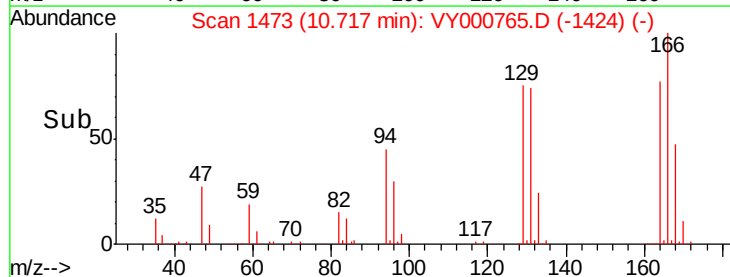
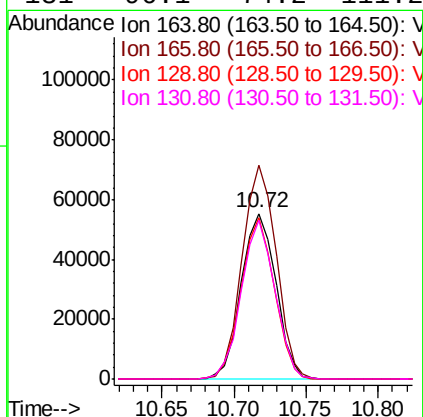
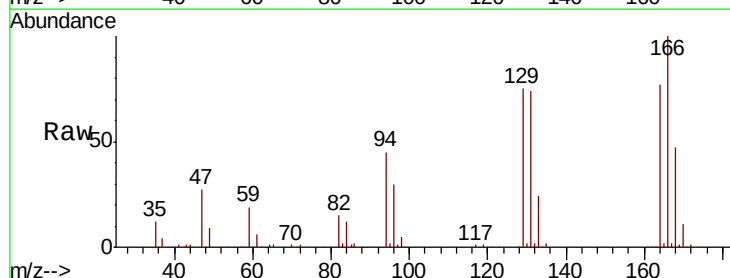
Instrument :
MSVOA_Y
ClientSampled :

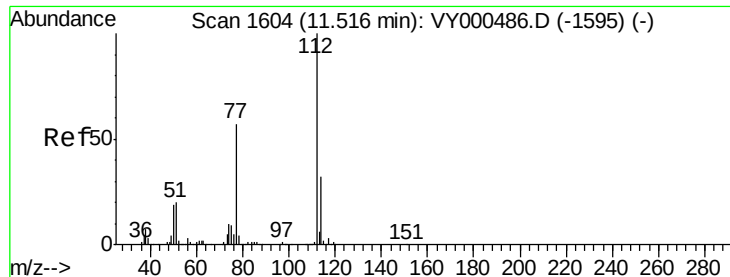
Tot Ion:117 Resp: 532117
Ion Ratio Lower Upper
117 100
82 58.4 40.8 61.2
119 31.1 26.2 39.2



#64
Tetrachloroethene
Concen: 20.910 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion:164 Resp: 92004
Ion Ratio Lower Upper
164 100
166 129.3 102.7 154.1
129 97.4 73.2 109.8
131 96.1 74.2 111.2

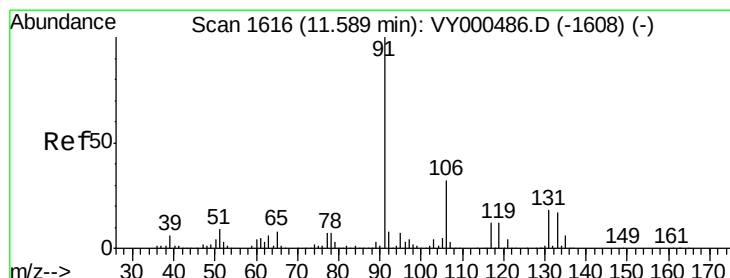
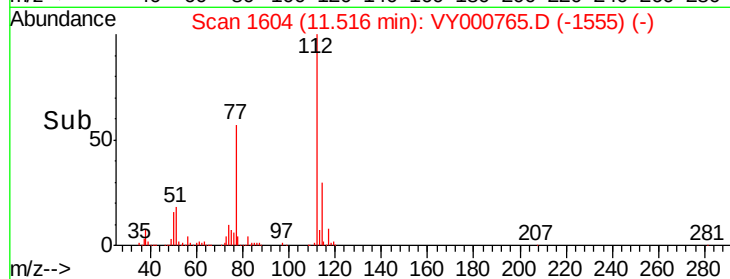
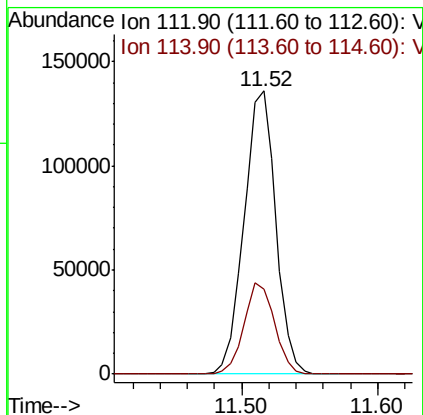
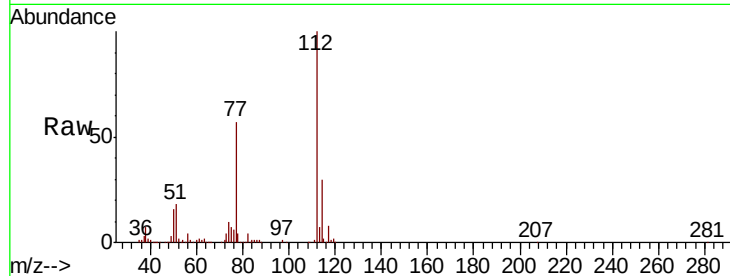




#65
Chlorobenzene
Concen: 20.522 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

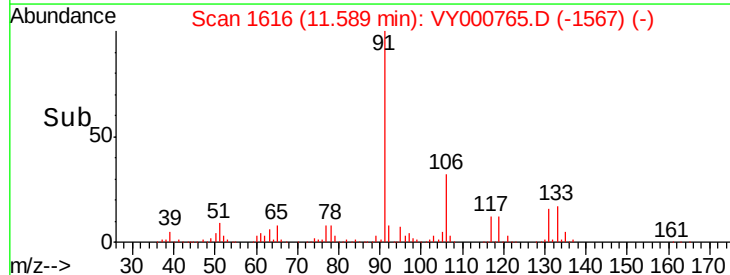
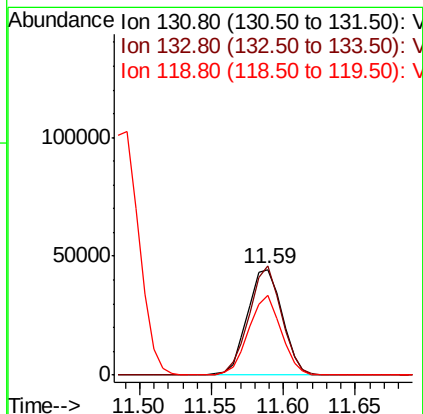
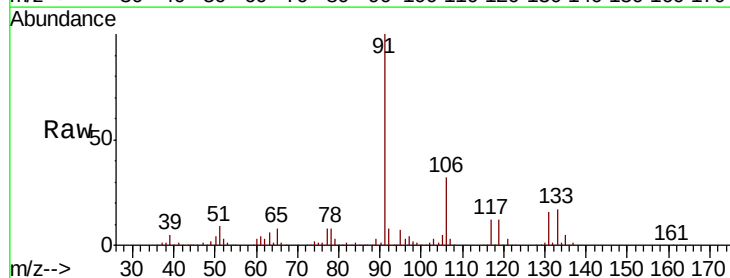
Instrument :
MSVOA_Y
ClientSampleId :

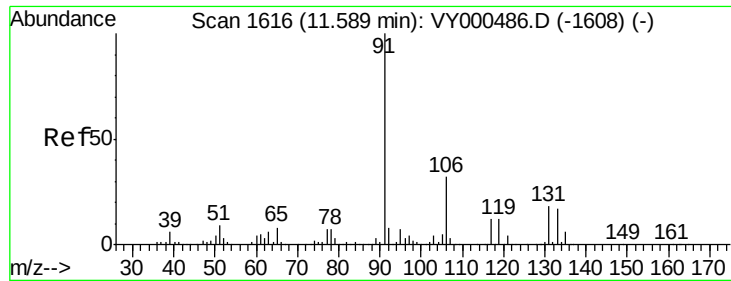
Tot Ion:112 Resp: 221407
Ion Ratio Lower Upper
112 100
114 30.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.980 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion:131 Resp: 74759
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.8
119 70.1 33.1 99.3

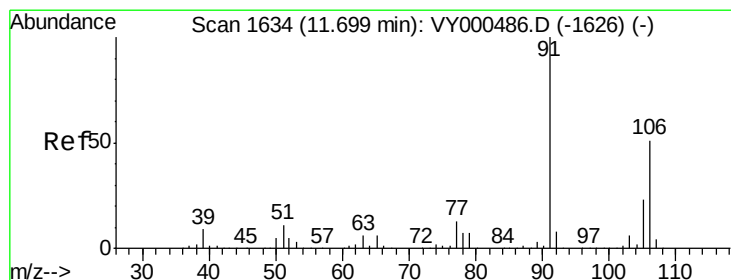
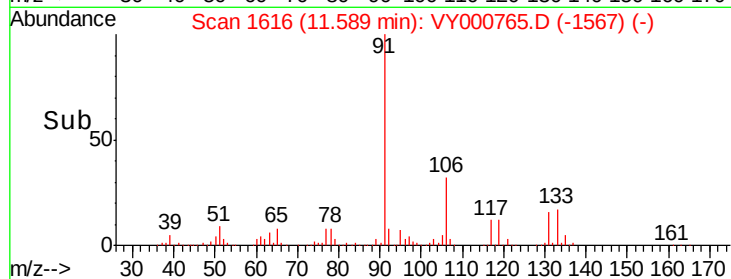
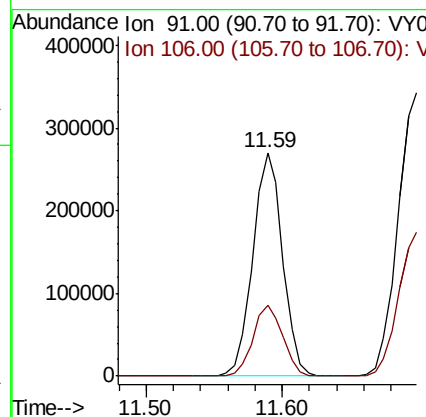
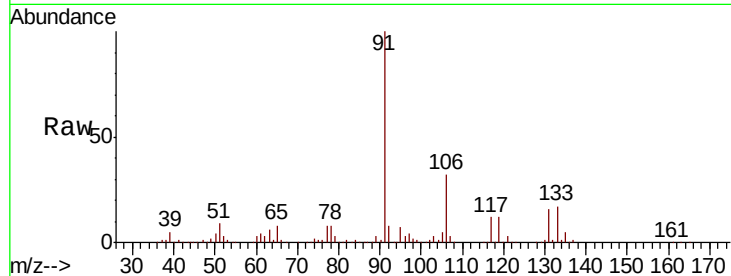




#67
Ethyl Benzene
Concen: 20.816 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

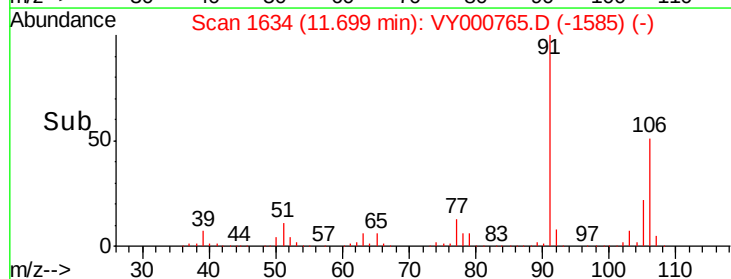
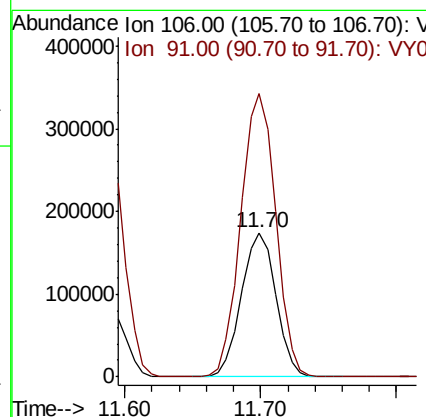
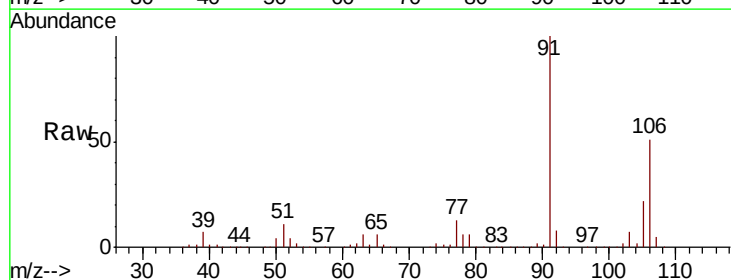
Instrument :
MSVOA_Y
ClientSampleId :

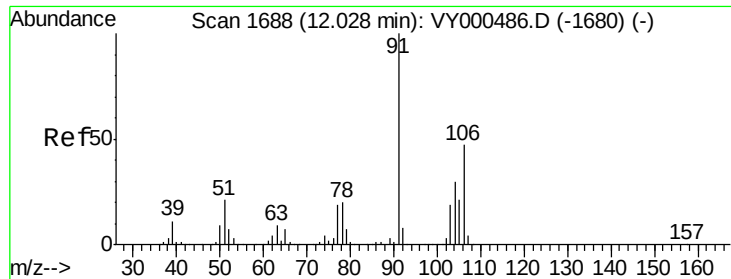
Tot Ion: 91 Resp: 413309
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0



#68
m/p-Xylenes
Concen: 40.382 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion:106 Resp: 310334
Ion Ratio Lower Upper
106 100
91 198.8 155.9 233.9

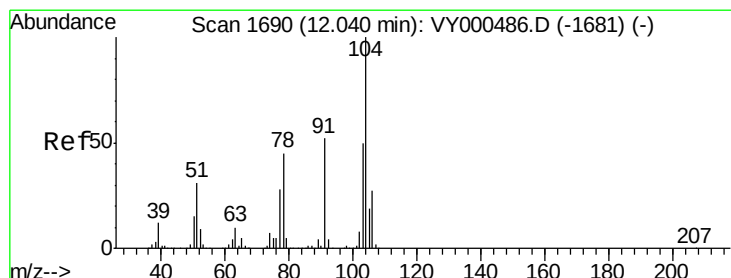
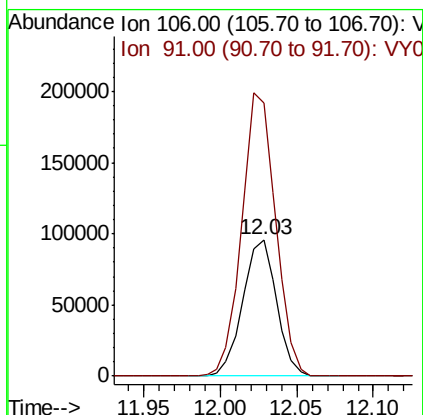
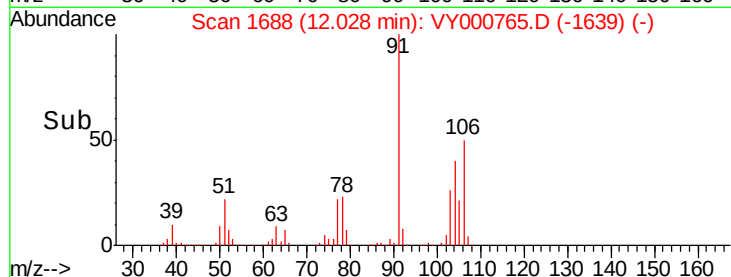
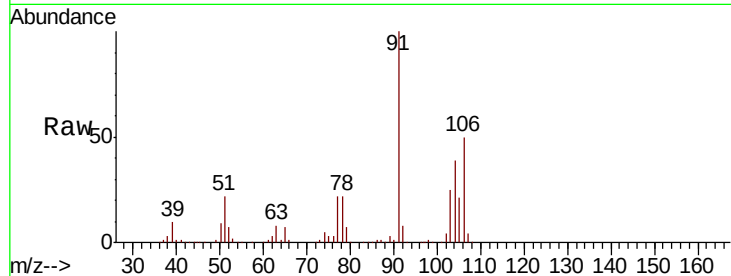




#69
o-Xylene
Concen: 20.326 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

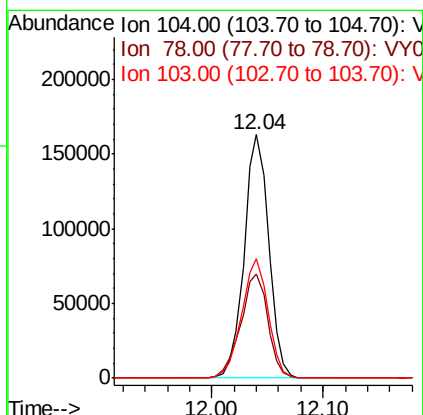
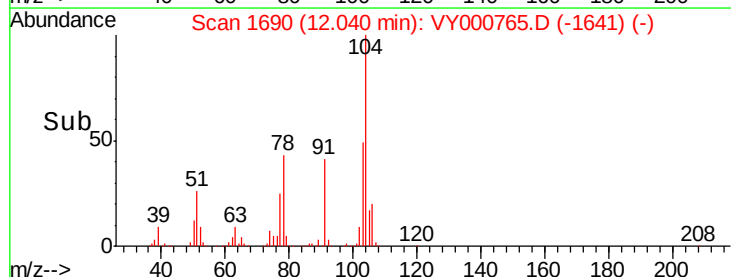
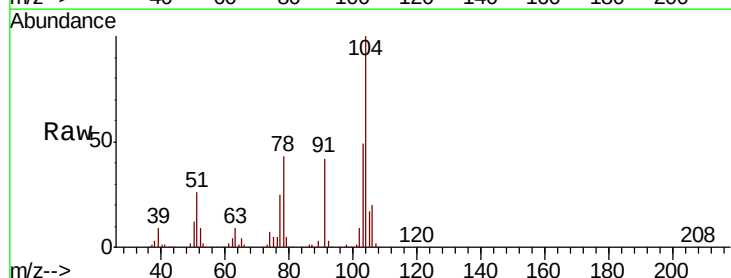
Instrument :
MSVOA_Y
ClientSampled :

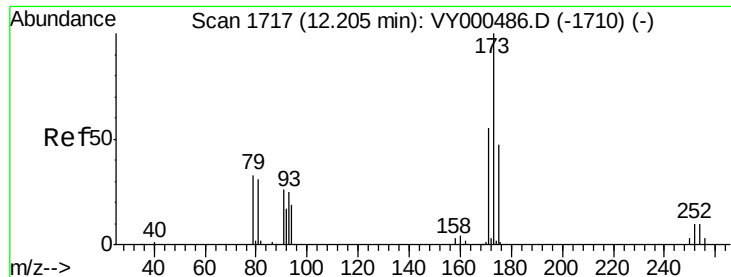
Tot Ion:106 Resp: 146806
Ion Ratio Lower Upper
106 100
91 208.3 106.5 319.6



#70
Styrene
Concen: 20.187 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion:104 Resp: 249666
Ion Ratio Lower Upper
104 100
78 47.4 39.0 58.4
103 52.7 42.5 63.7





#71

Bromoform

Concen: 18.890 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

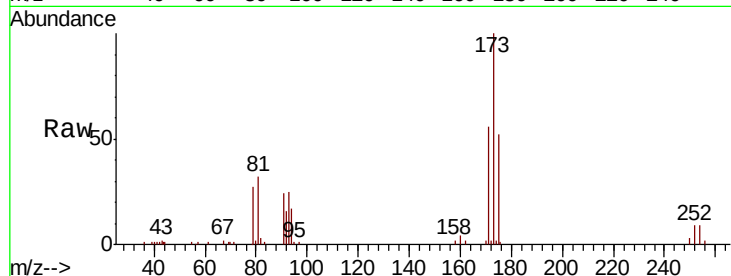
Tot Ion:173 Resp: 40653

Ion Ratio Lower Upper

173 100

175 51.0 24.4 73.2

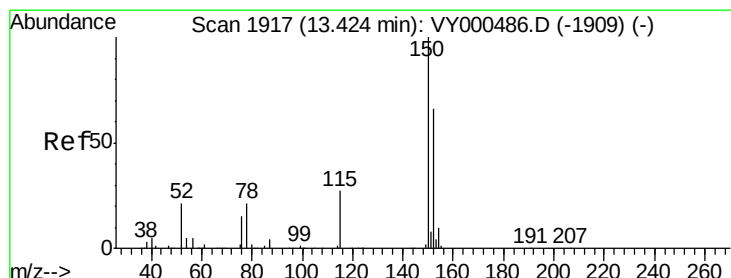
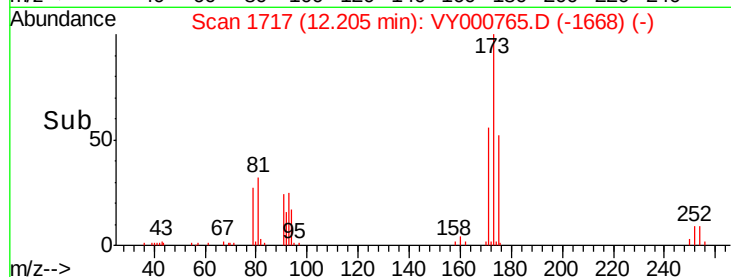
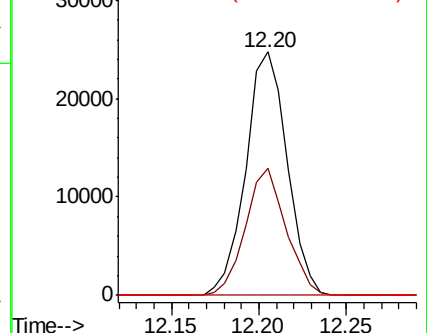
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

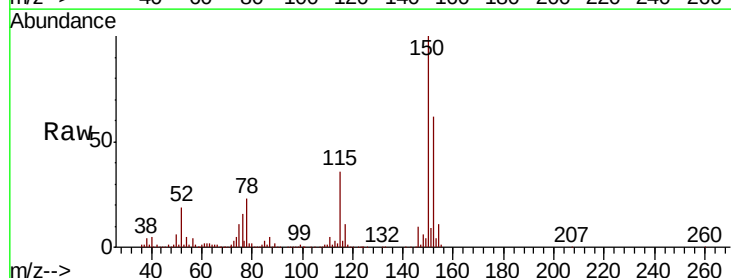
Tgt Ion:152 Resp: 250322

Ion Ratio Lower Upper

152 100

115 61.3 29.1 87.4

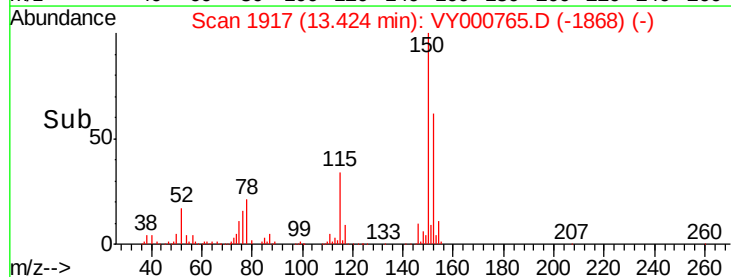
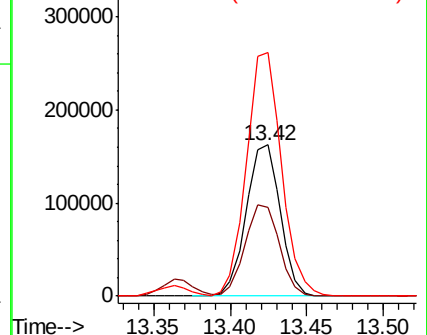
150 166.5 0.0 348.8

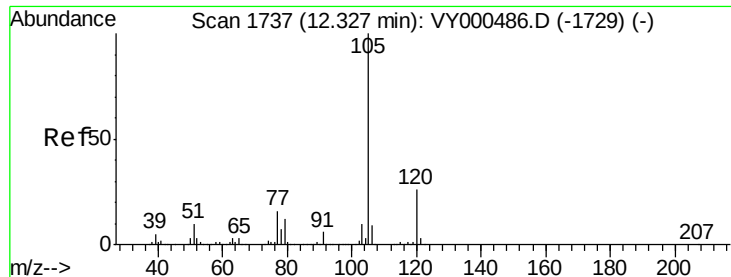


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.526 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

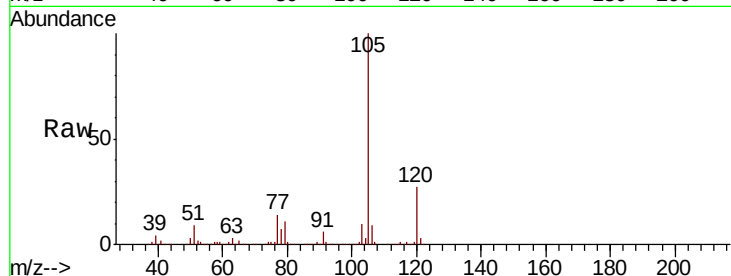
ClientSampleId :

Tot Ion:105 Resp: 398246

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

300000

250000

200000

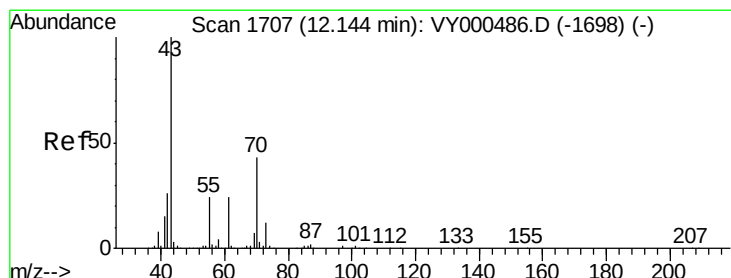
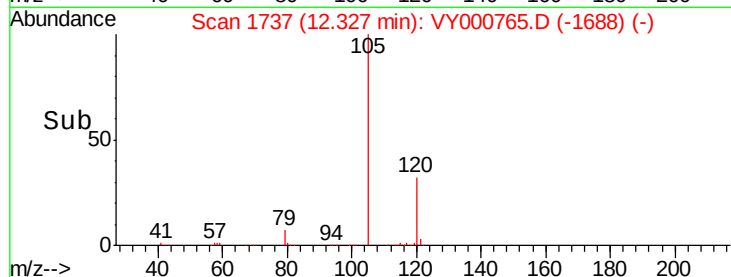
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.894 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Tgt Ion: 43 Resp: 105411

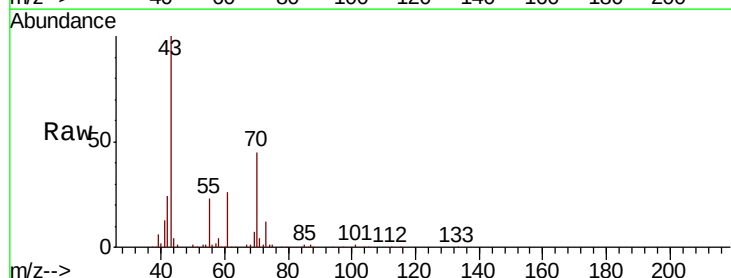
Ion Ratio Lower Upper

43 100

70 46.6 33.1 49.7

55 22.8 18.0 27.0

61 26.4 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

100000

80000

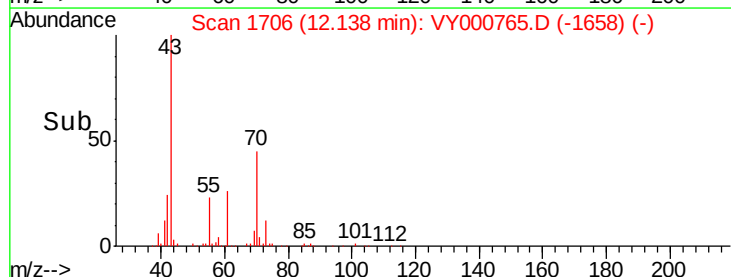
60000

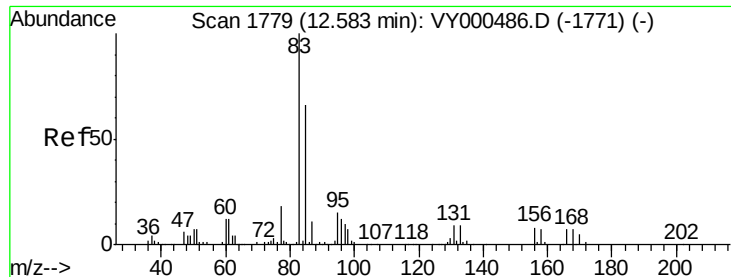
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.656 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampled :

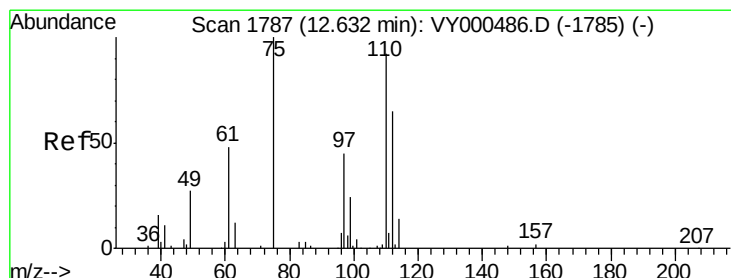
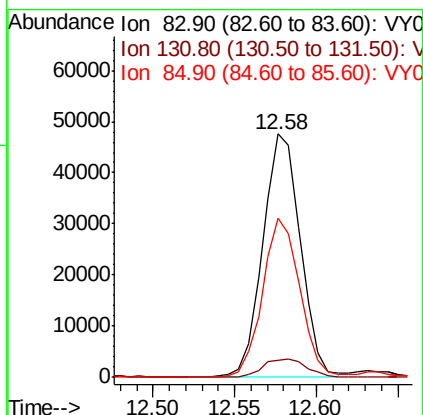
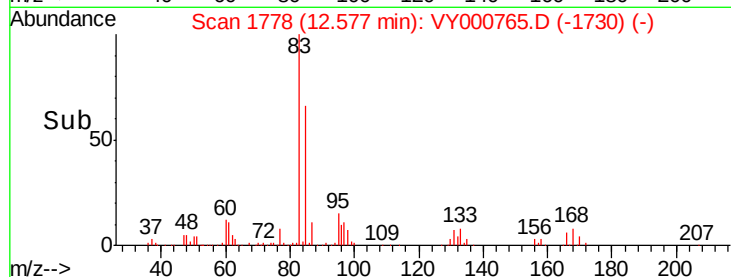
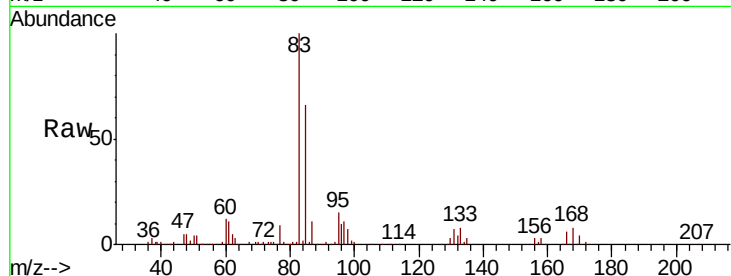
Tot Ion: 83 Resp: 75668

Ion Ratio Lower Upper

83 100

131 8.9 5.0 14.9

85 65.1 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 37.811 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000765.D

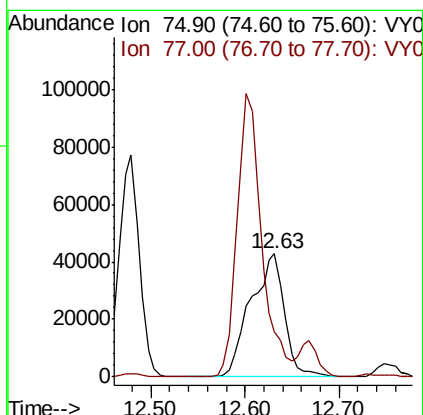
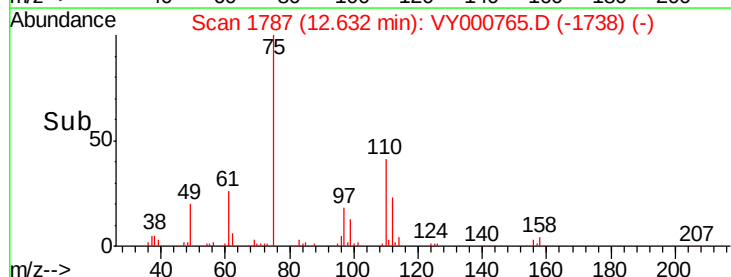
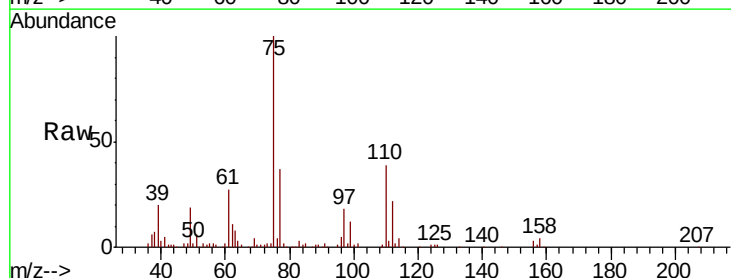
Acq: 21 Nov 2019 14:14

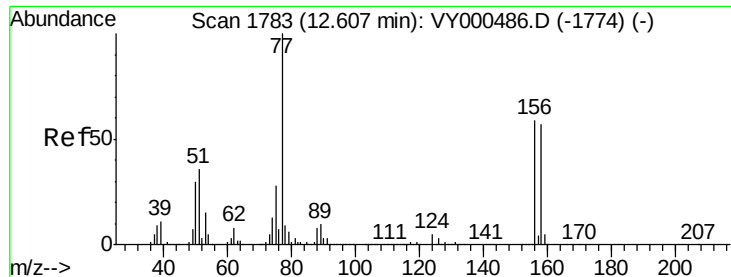
Tgt Ion: 75 Resp: 107771

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.195 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampled :

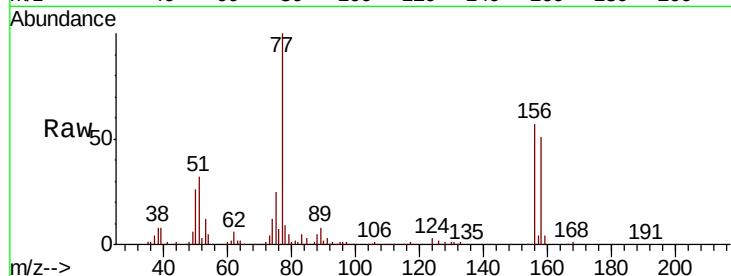
Tot Ion:156 Resp: 88921

Ion Ratio Lower Upper

156 100

77 202.7 98.2 294.4

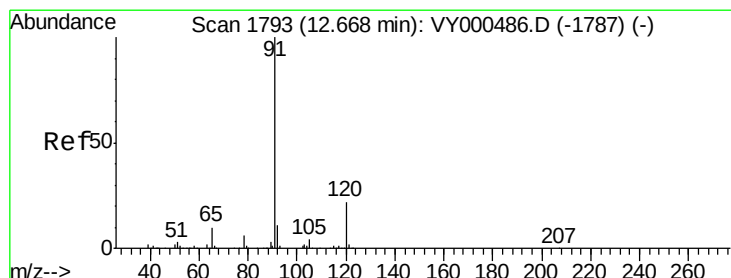
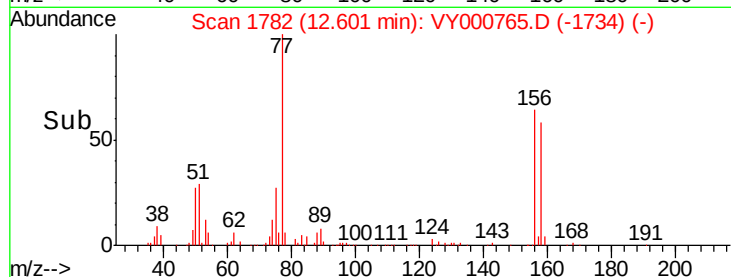
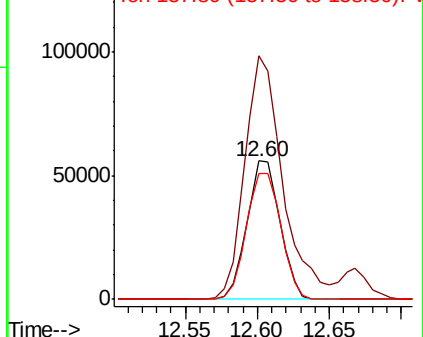
158 94.6 49.6 149.0



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: 22.008 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000765.D

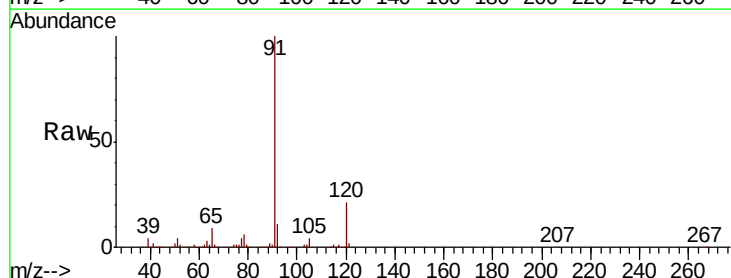
Acq: 21 Nov 2019 14:14

Tgt Ion: 91 Resp: 491267

Ion Ratio Lower Upper

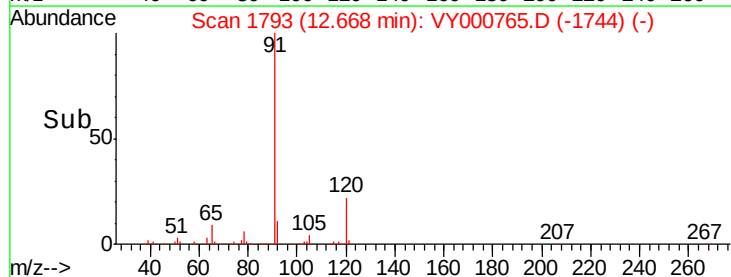
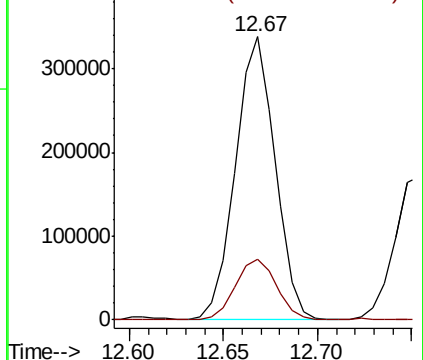
91 100

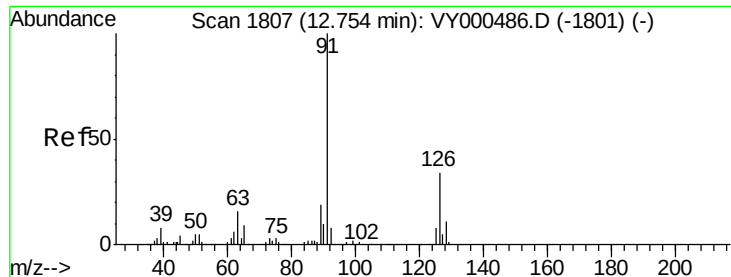
120 22.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

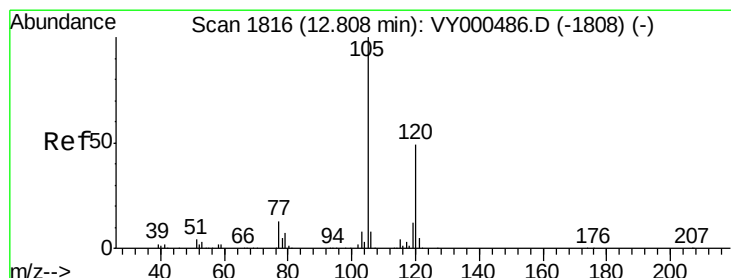
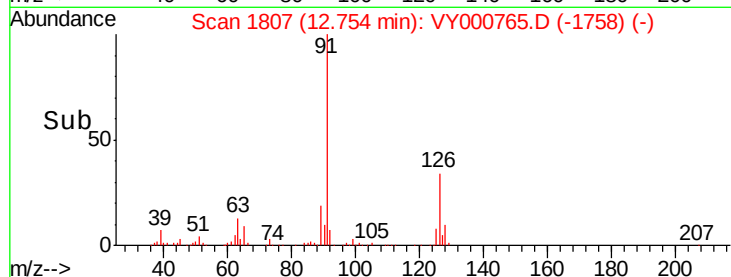
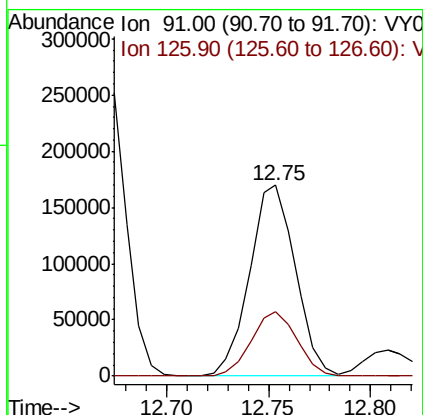
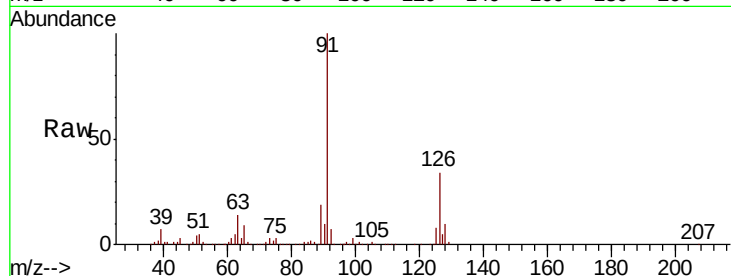




#79
 2-Chlorotoluene
 Concen: 21.449 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

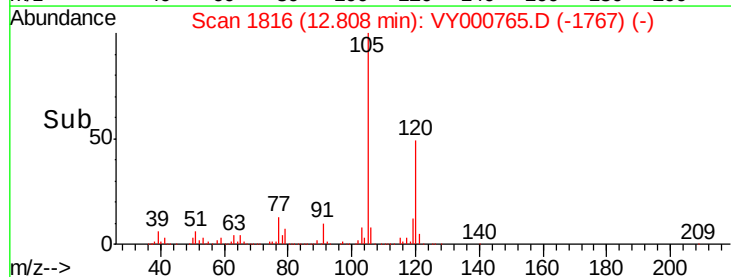
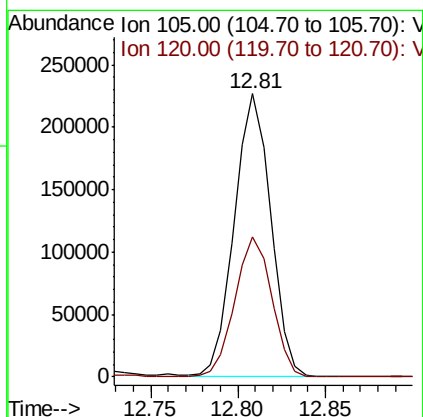
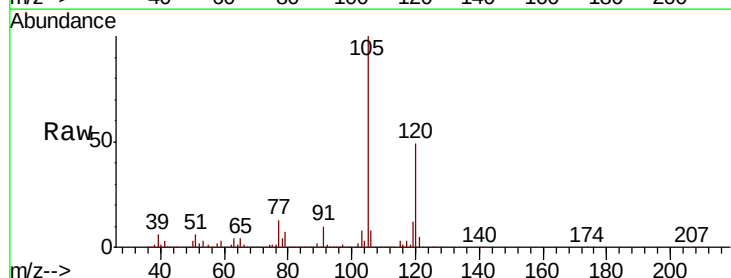
Instrument :
 MSVOA_Y
 ClientSampleId :

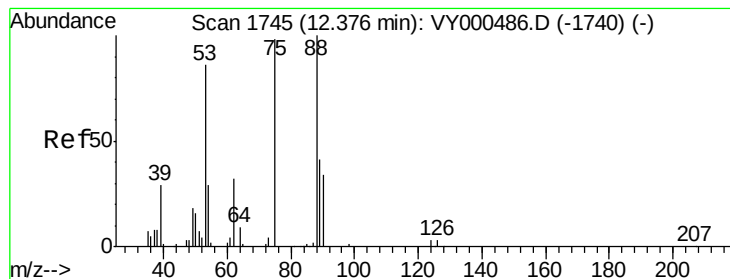
Tot Ion: 91 Resp: 265810
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.445 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion: 105 Resp: 330437
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.051 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

ClientSampleId :

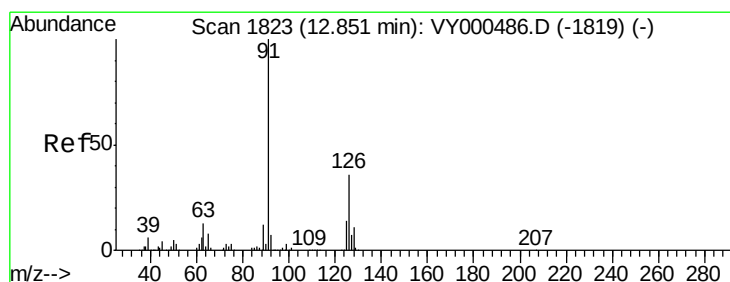
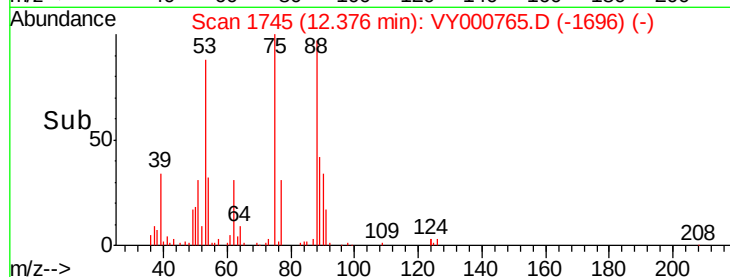
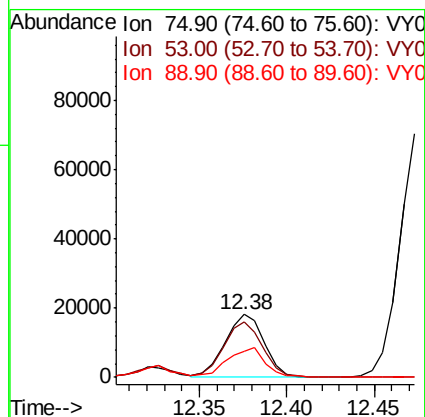
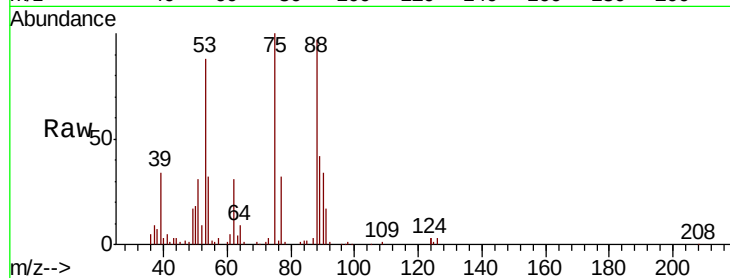
Tot Ion: 75 Resp: 28032

Ion Ratio Lower Upper

75 100

53 88.0 73.2 109.8

89 46.3 35.9 53.9



#82

4-Chlorotoluene

Concen: 21.443 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000765.D

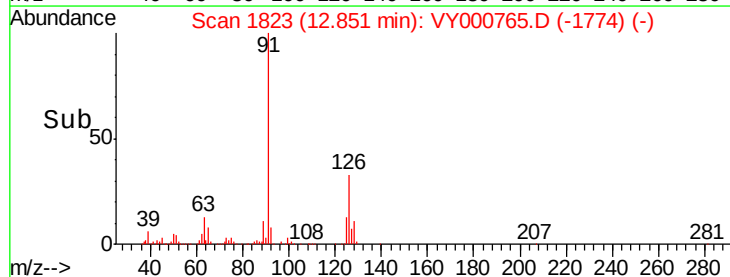
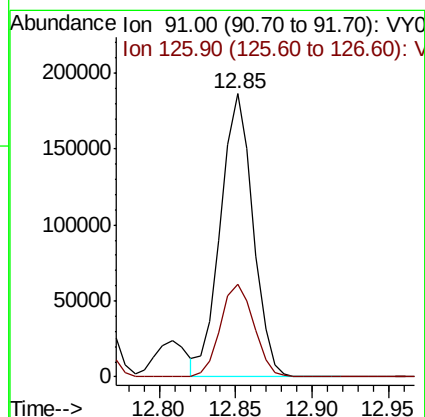
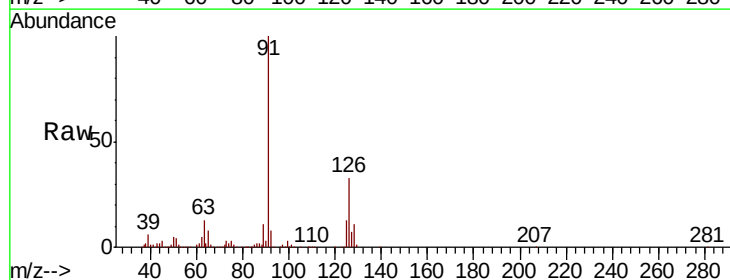
Acq: 21 Nov 2019 14:14

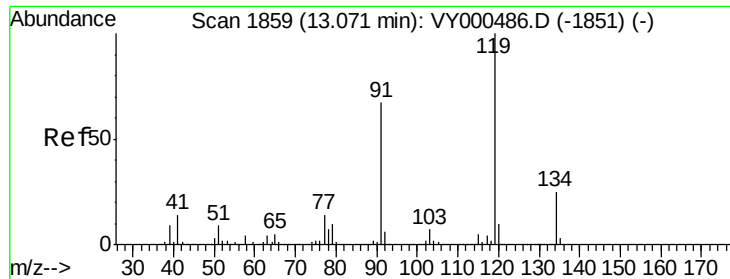
Tgt Ion: 91 Resp: 275452

Ion Ratio Lower Upper

91 100

126 34.0 17.6 52.9

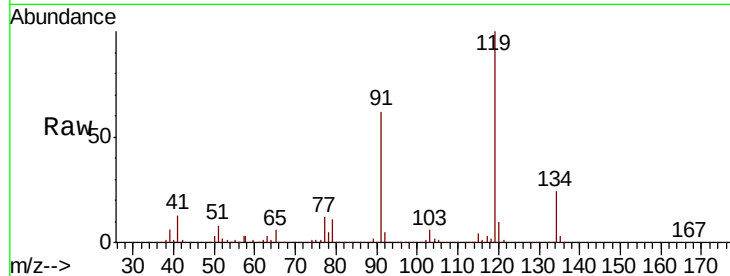




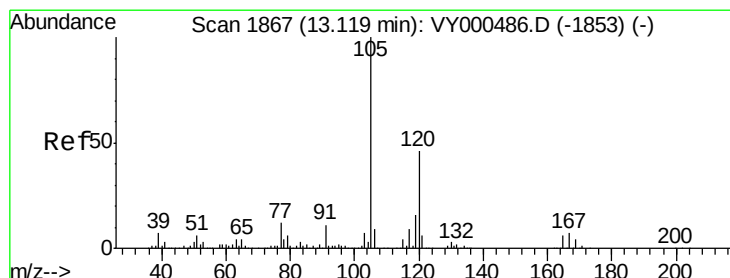
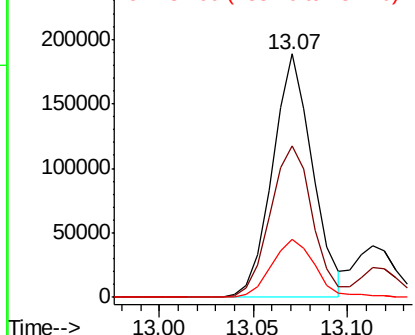
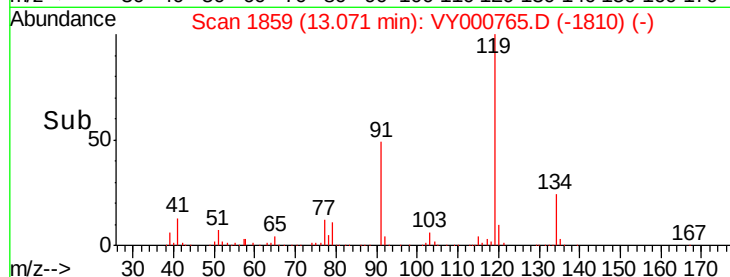
#83
 tert-Butylbenzene
 Concen: 21.037 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:119 Resp: 276761
 Ion Ratio Lower Upper
 119 100
 91 66.6 32.1 96.3
 134 26.2 13.2 39.5

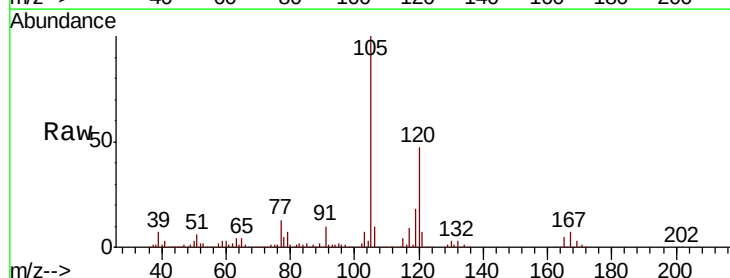


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

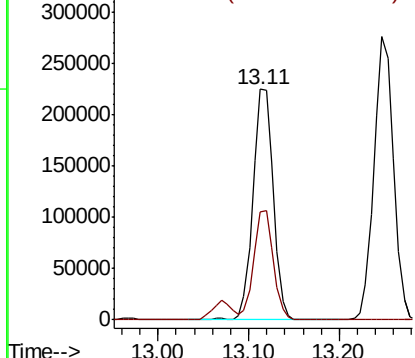
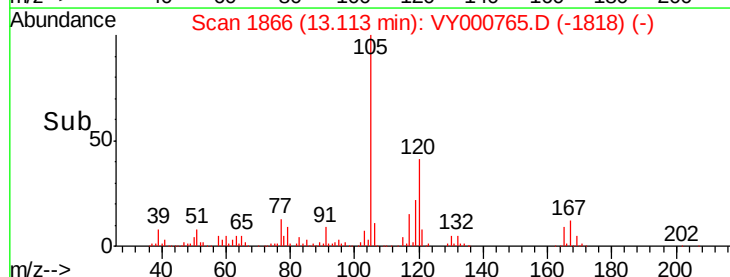


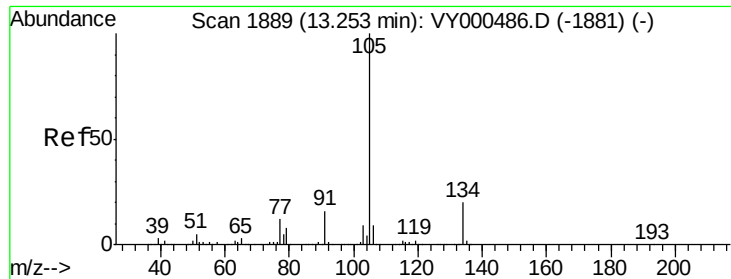
#84
 1,2,4-Trimethylbenzene
 Concen: 22.649 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion:105 Resp: 347466
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.846 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

Instrument :

MSVOA_Y

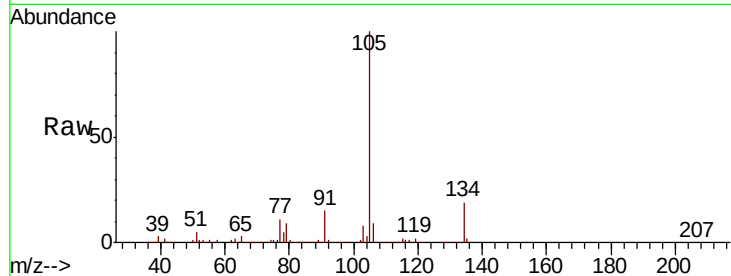
ClientSampleId :

Tot Ion:105 Resp: 409486

Ion Ratio Lower Upper

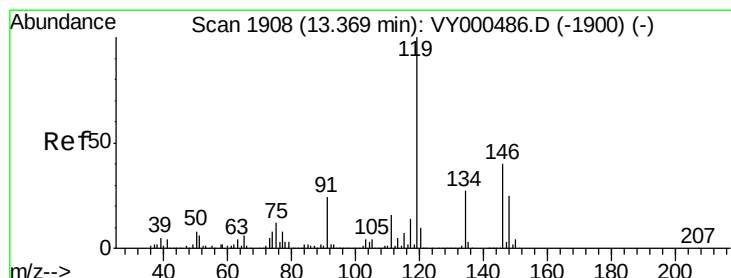
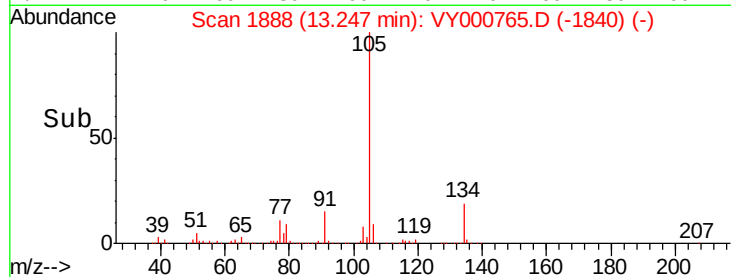
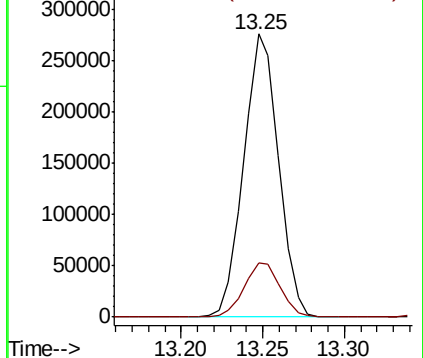
105 100

134 19.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.999 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000765.D

Acq: 21 Nov 2019 14:14

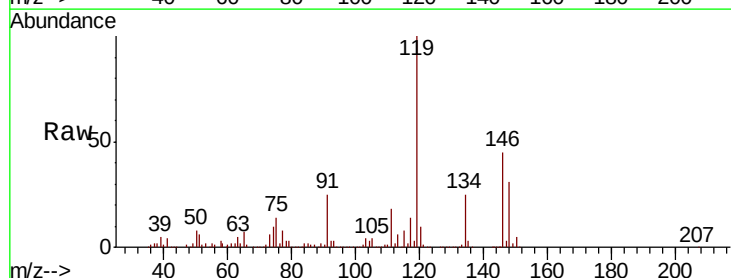
Tgt Ion:119 Resp: 350793

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

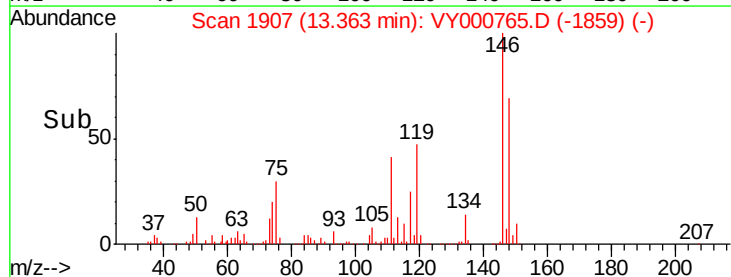
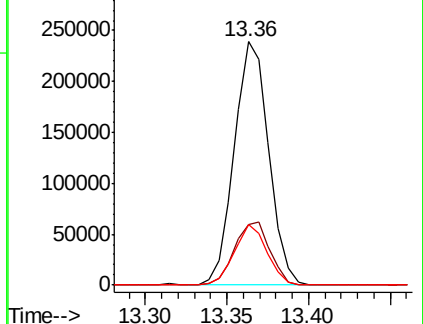
91 23.6 12.0 36.1

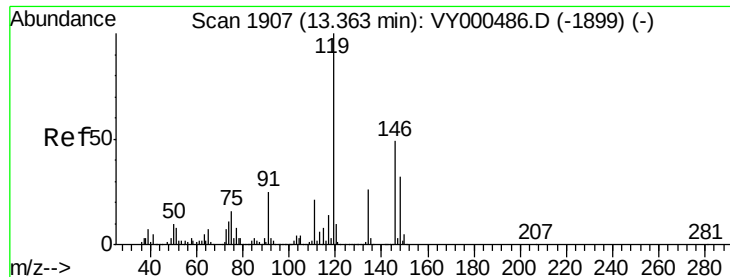


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

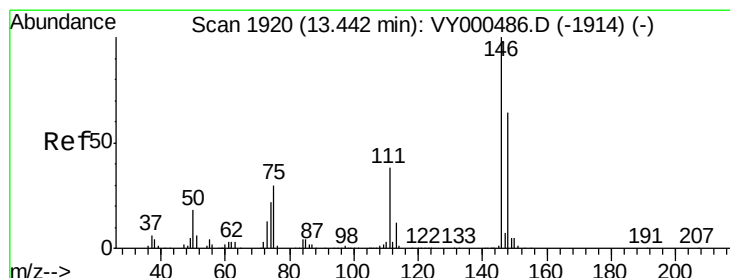
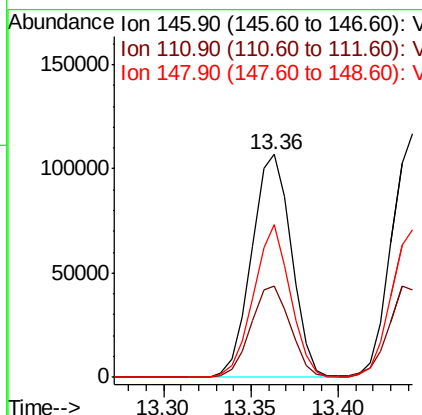
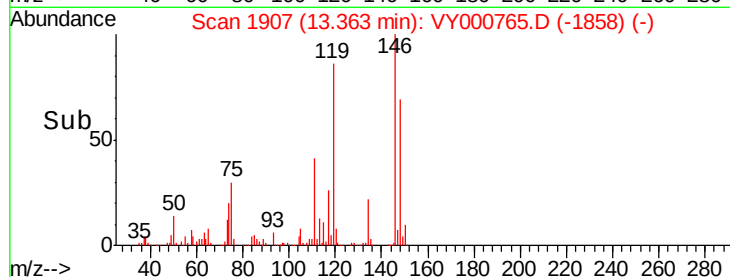
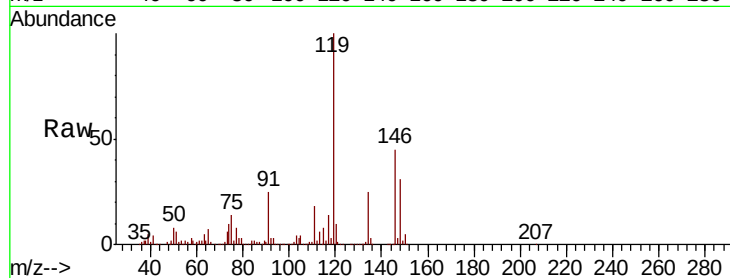




#87
 1,3-Dichlorobenzene
 Concen: 20.536 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

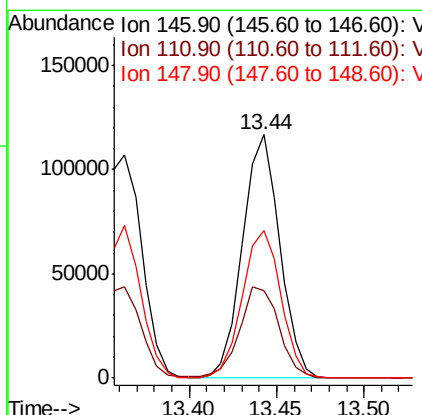
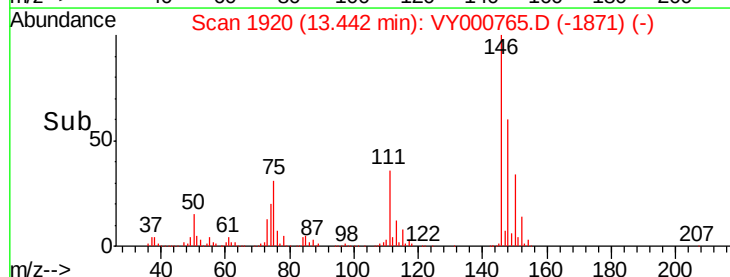
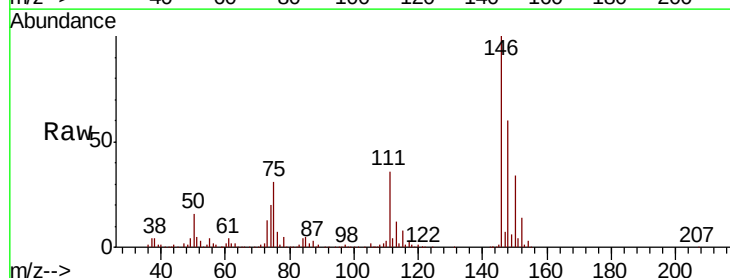
Instrument :
 MSVOA_Y
 ClientSampled :

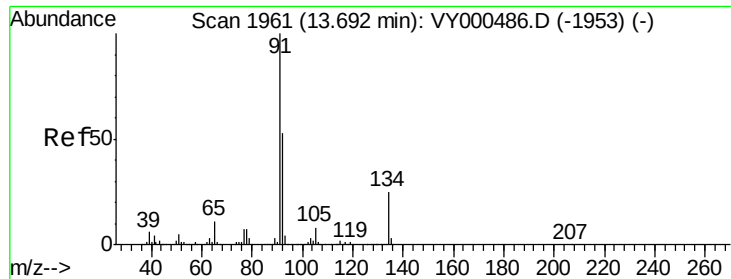
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.8
148	63.5	31.5	94.5



#88
 1,4-Dichlorobenzene
 Concen: 21.099 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.7	59.0
148	62.6	31.9	95.7

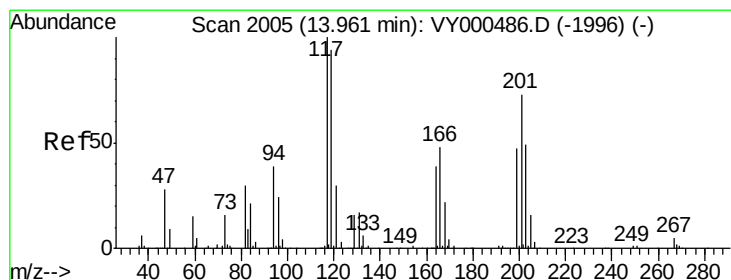
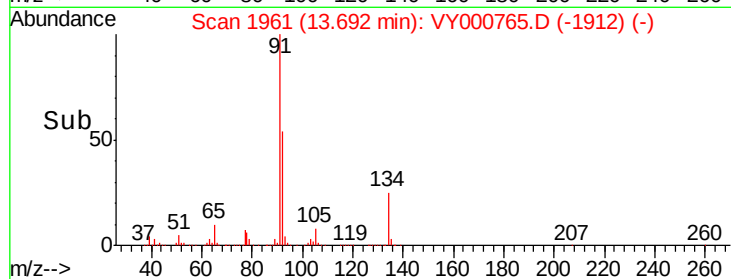
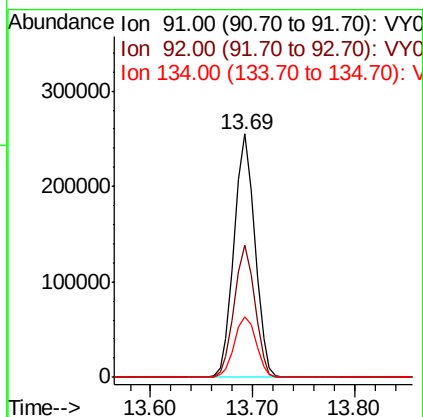
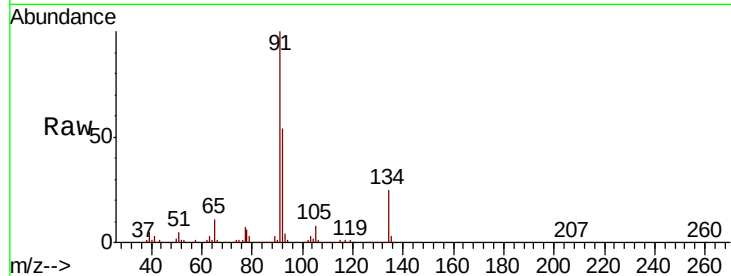




#89
n-Butylbenzene
Concen: 21.846 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

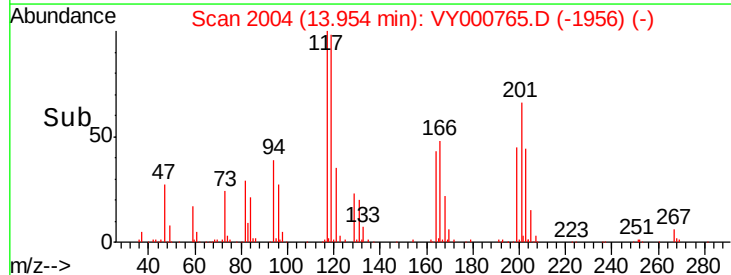
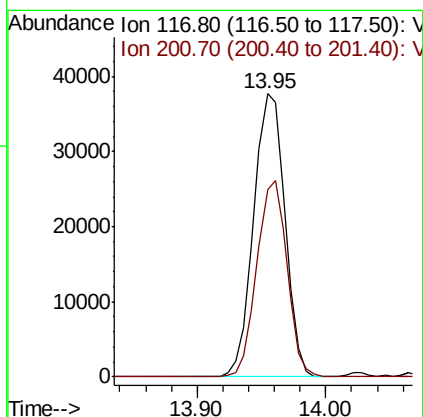
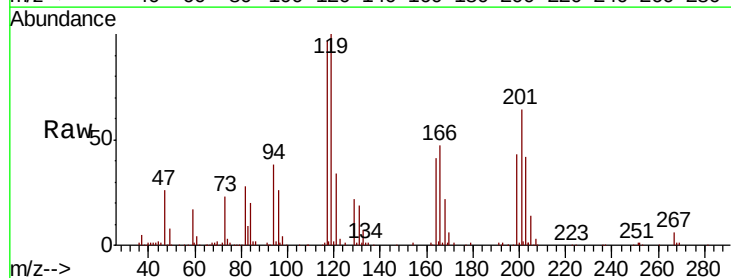
Instrument :
MSVOA_Y
ClientSampleId :

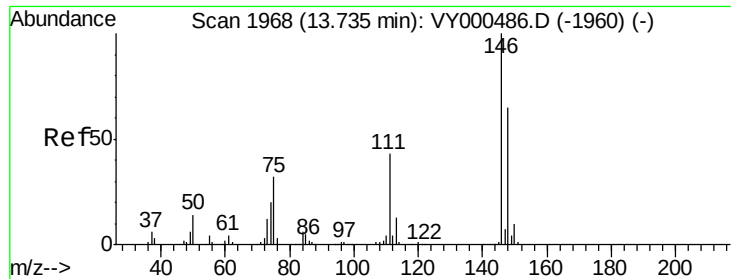
Tot Ion: 91 Resp: 359941
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.3
134 26.3 12.9 38.7



#90
Hexachloroethane
Concen: 20.474 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion: 117 Resp: 63232
Ion Ratio Lower Upper
117 100
201 67.2 35.8 107.3

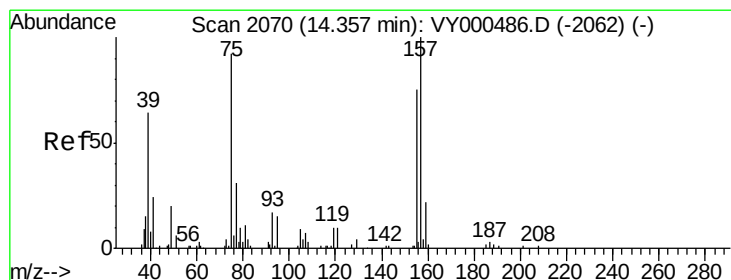
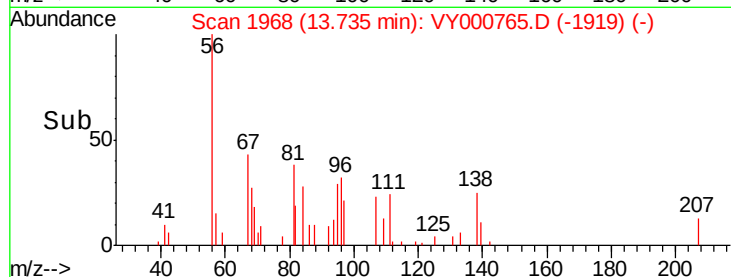
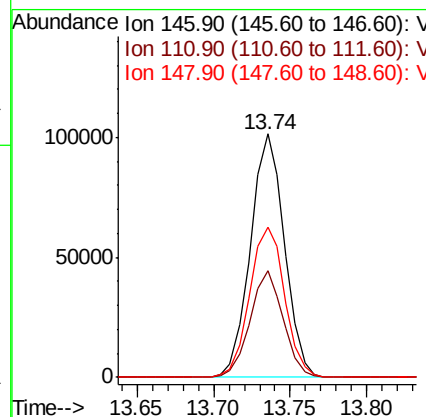
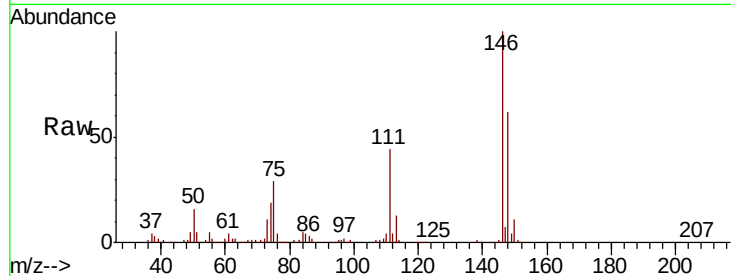




#91
 1,2-Dichlorobenzene
 Concen: 20.961 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

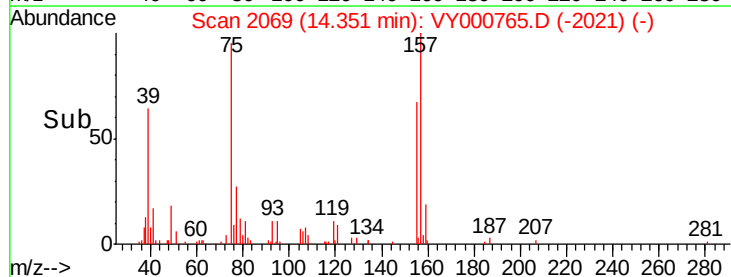
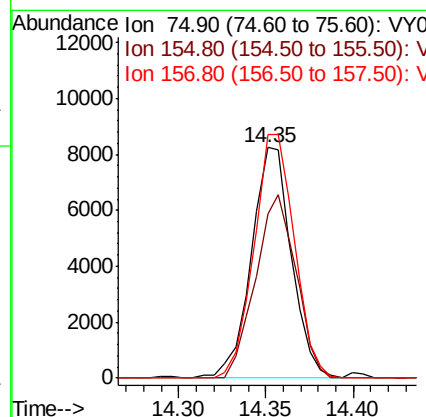
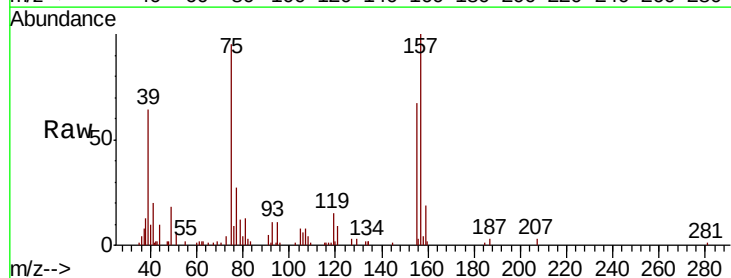
Instrument :
 MSVOA_Y
 ClientSampleId :

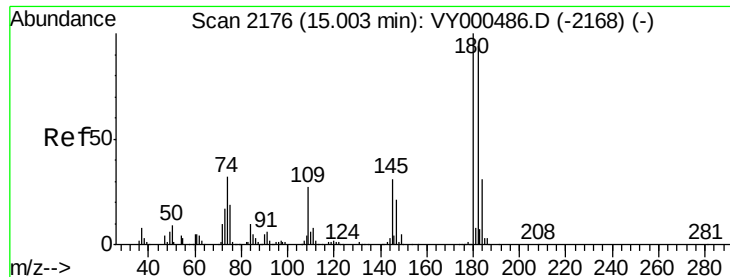
Tot Ion:146 Resp: 156281
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.5 61.5
 148 63.6 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.321 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion: 75 Resp: 13174
 Ion Ratio Lower Upper
 75 100
 155 80.0 42.4 127.1
 157 106.3 55.1 165.3

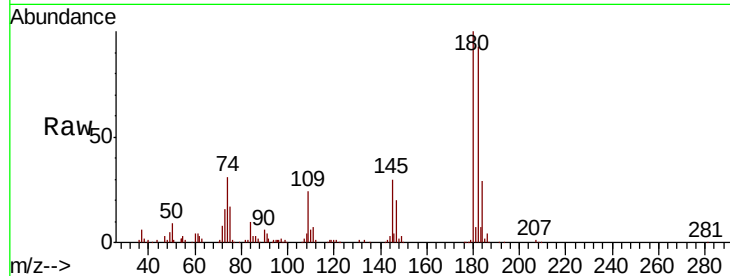




#93
 1,2,4-Trichlorobenzene
 Concen: 20.920 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.4
145	31.8	16.0	47.9

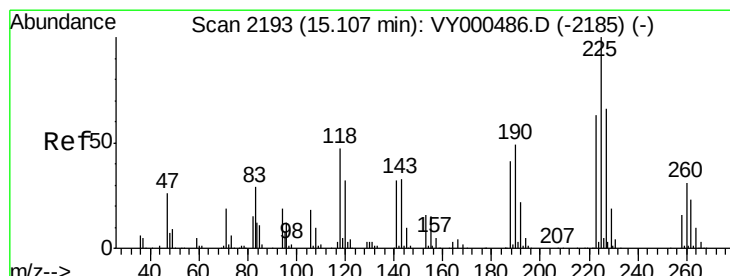
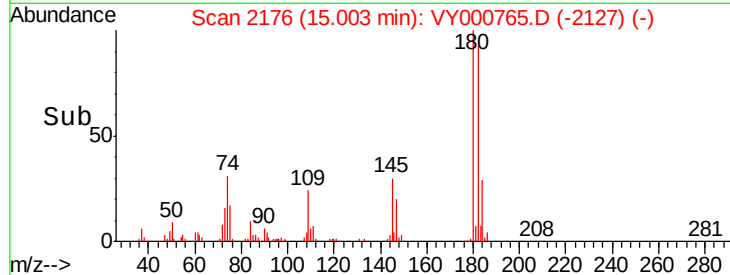
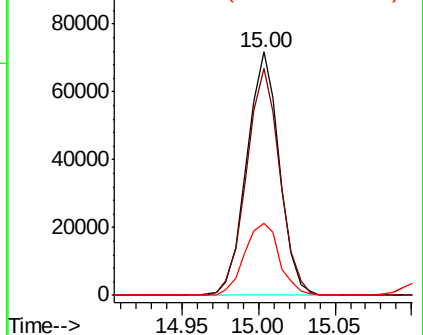


Abundance

Ion 179.80 (179.50 to 180.50): V

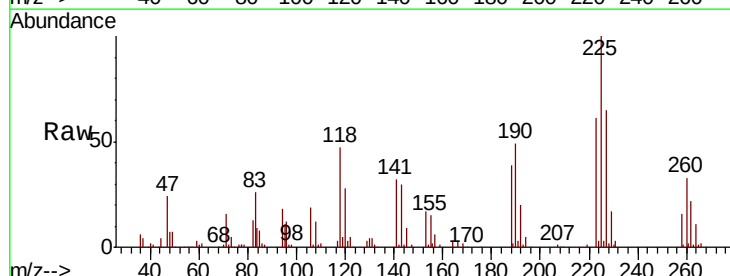
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.693 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000765.D
 Acq: 21 Nov 2019 14:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.3	93.8
227	63.7	32.4	97.0

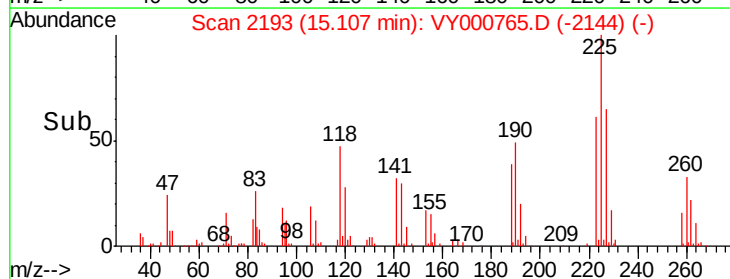
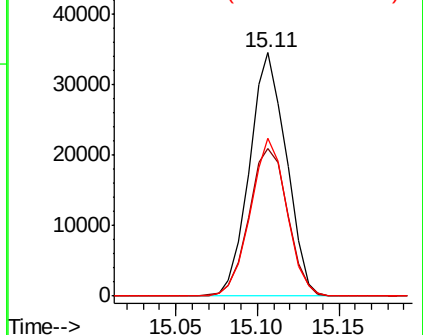


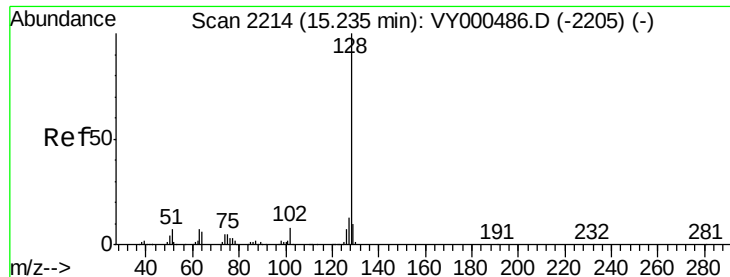
Abundance

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

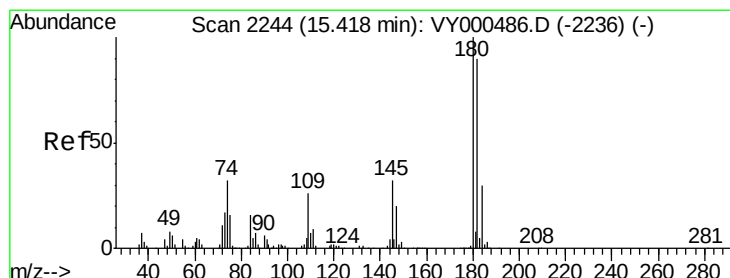
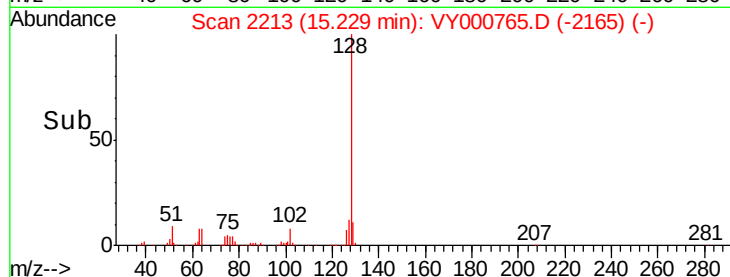
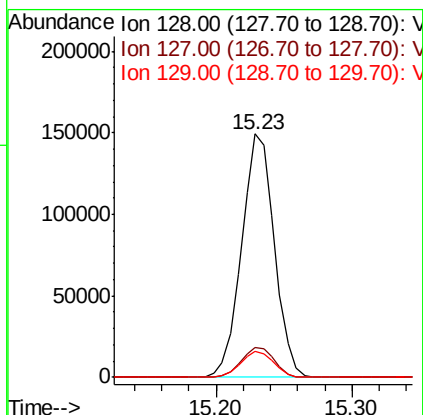
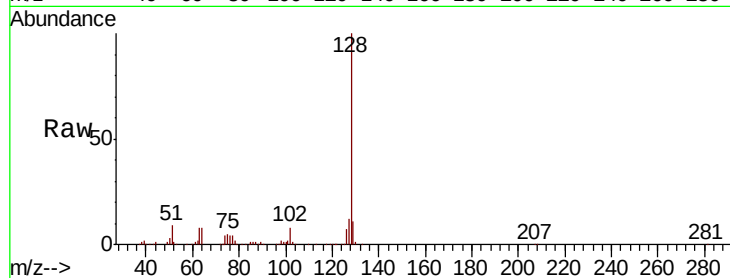




#95
Naphthalene
Concen: 22.219 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 250399
Ion Ratio Lower Upper
128 100
127 12.6 9.8 14.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.892 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000765.D
Acq: 21 Nov 2019 14:14

Tgt Ion:180 Resp: 95153
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.3
145 31.3 15.7 47.0

