

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110119\
 Data File : VY000520.D
 Acq On : 01 Nov 2019 12:27
 Operator : SY/MD
 Sample : VY1101SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 23:28:57 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	251651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	401816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	358568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	176634	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	132339	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	7.74	113	115546	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	10.19	98	471945	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.48	95	163644	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	46658	18.835	ug/l 94
3) Chloromethane	2.11	50	64006	18.756	ug/l 100
4) Vinyl Chloride	2.26	62	59579	18.801	ug/l 96
5) Bromomethane	2.65	94	37424	19.694	ug/l 92
6) Chloroethane	2.80	64	37916	19.117	ug/l 99
7) Trichlorofluoromethane	3.13	101	84048	19.639	ug/l 97
8) Diethyl Ether	3.54	74	29934	19.685	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	49783	19.241	ug/l 99
10) Methyl Iodide	4.10	142	56694	18.781	ug/l 97
11) Tert butyl alcohol	4.97	59	22567	89.019	ug/l 98
12) 1,1-Dichloroethene	3.88	96	47807	19.018	ug/l 97
13) Acrolein	3.74	56	19538	88.479	ug/l 95
14) Allyl chloride	4.49	41	80140	19.606	ug/l 99
15) Acrylonitrile	5.18	53	74406	95.517	ug/l 99
16) Acetone	3.96	43	59796	83.309	ug/l 97
17) Carbon Disulfide	4.20	76	150601	18.995	ug/l 99
18) Methyl Acetate	4.49	43	38841	17.404	ug/l 97
19) Methyl tert-butyl Ether	5.24	73	130043	18.607	ug/l 96
20) Methylene Chloride	4.72	84	60645	19.718	ug/l 93
21) trans-1,2-Dichloroethene	5.23	96	56033	19.717	ug/l 94
22) Diisopropyl ether	6.13	45	166794	18.774	ug/l 97
23) Vinyl Acetate	6.08	43	536498	95.663	ug/l 98
24) 1,1-Dichloroethane	6.03	63	89282	18.550	ug/l 100
25) 2-Butanone	7.00	43	102780	89.725	ug/l 100
26) 2,2-Dichloropropane	6.99	77	85294	19.392	ug/l 98
27) cis-1,2-Dichloroethene	7.00	96	58583	18.852	ug/l 98
28) Bromochloromethane	7.35	49	23437	13.896	ug/l 94
29) Tetrahydrofuran	7.36	42	63730	90.942	ug/l 99
30) Chloroform	7.52	83	93035	19.108	ug/l 96
31) Cyclohexane	7.80	56	94306	18.708	ug/l # 95
32) 1,1,1-Trichloroethane	7.72	97	83653	19.278	ug/l 99
36) 1,1-Dichloropropene	7.93	75	75526	19.883	ug/l 99
37) Ethyl Acetate	7.09	43	44289	19.638	ug/l 100
38) Carbon Tetrachloride	7.91	117	73510	20.112	ug/l 99

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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)
39) Methylcyclohexane	9.19	83	98282	20.027	ug/l	97
40) Benzene	8.17	78	218561	19.626	ug/l	96
41) Methacrylonitrile	7.36	41	59478	47.276	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	63974	20.254	ug/l	100
43) Isopropyl Acetate	8.28	43	83352	19.675	ug/l	98
44) Trichloroethene	8.95	130	60005	20.436	ug/l	90
45) 1,2-Dichloropropane	9.22	63	55736	20.335	ug/l	92
46) Dibromomethane	9.31	93	29944	19.865	ug/l	98
47) Bromodichloromethane	9.50	83	70176	19.620	ug/l	94
48) Methyl methacrylate	9.30	41	36385	19.657	ug/l	97
49) 1,4-Dioxane	9.31	88	7728	380.928	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	219142	97.292	ug/l	98
52) Toluene	10.25	92	138534	19.676	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	75794	19.832	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	88048	20.111	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	42689	19.580	ug/l	92
56) Ethyl methacrylate	10.52	69	60279	19.507	ug/l	98
57) 1,3-Dichloropropane	10.80	76	74574	19.543	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	137256	98.248	ug/l	99
59) 2-Hexanone	10.83	43	158638	96.666	ug/l	99
60) Dibromochloromethane	10.99	129	46554	18.642	ug/l	95
61) 1,2-Dibromoethane	11.09	107	40889	19.505	ug/l	99
64) Tetrachloroethene	10.72	164	60930	20.550	ug/l	96
65) Chlorobenzene	11.52	112	146431	20.142	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	48941	19.411	ug/l	98
67) Ethyl Benzene	11.59	91	266716	19.934	ug/l	99
68) m/p-Xylenes	11.70	106	209717	40.498	ug/l	99
69) o-Xylene	12.03	106	93595	19.231	ug/l	97
70) Styrene	12.05	104	160222	19.225	ug/l	98
71) Bromoform	12.21	173	28229	19.466	ug/l #	97
73) Isopropylbenzene	12.33	105	262800	20.131	ug/l	99
74) N-amyl acetate	12.14	43	72604	19.419	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	51445	19.903	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	70526	35.066	ug/l #	100
77) Bromobenzene	12.61	156	59421	20.072	ug/l	97
78) n-propylbenzene	12.67	91	320268	20.333	ug/l	99
79) 2-Chlorotoluene	12.75	91	175122	20.026	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	219799	20.216	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	16614	18.522	ug/l	98
82) 4-Chlorotoluene	12.86	91	181406	20.013	ug/l	100
83) tert-Butylbenzene	13.08	119	184151	19.837	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	220194	20.341	ug/l	100
85) sec-Butylbenzene	13.25	105	265577	20.080	ug/l	98
86) p-Isopropyltoluene	13.37	119	241217	20.463	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	116981	20.174	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	115207	19.883	ug/l	99
89) n-Butylbenzene	13.69	91	233286	20.065	ug/l	99
90) Hexachloroethane	13.96	117	42748	19.616	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	107830	20.496	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8968	19.604	ug/l	93

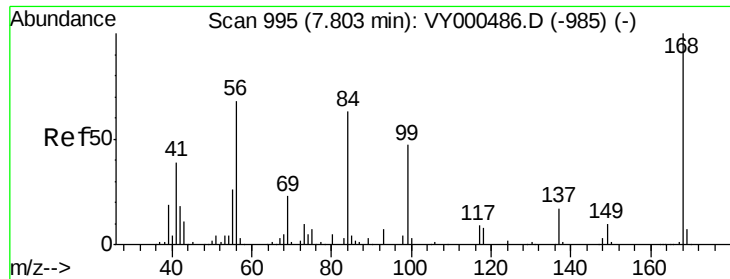
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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	77223	21.557	ug/l	94
94) Hexachlorobutadiene	15.11	225	39487	21.384	ug/l	99
95) Naphthalene	15.23	128	162490	20.433	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	66909	20.819	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

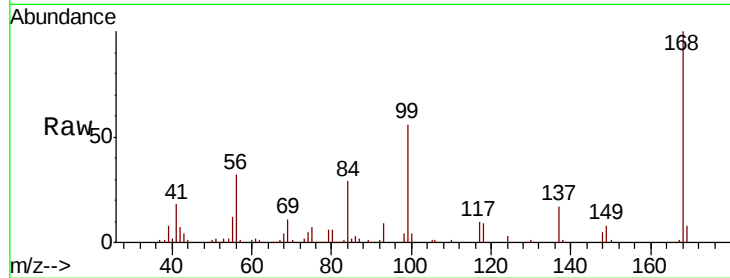
ClientSampled :

Tot Ion:168 Resp: 251651

Ion Ratio Lower Upper

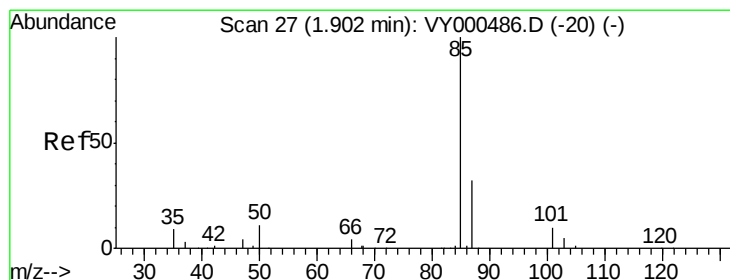
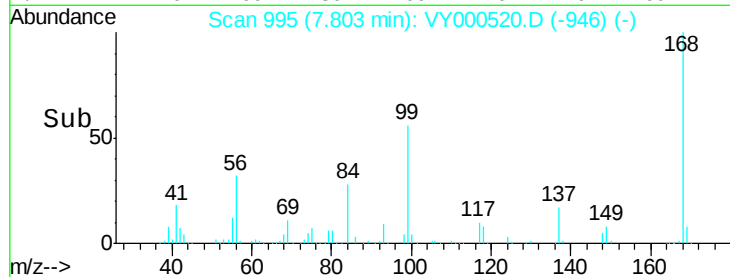
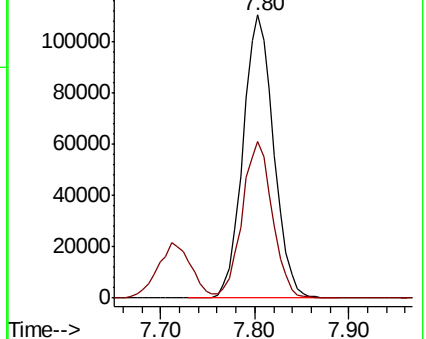
168 100

99 55.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000520.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000520.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 18.835 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000520.D

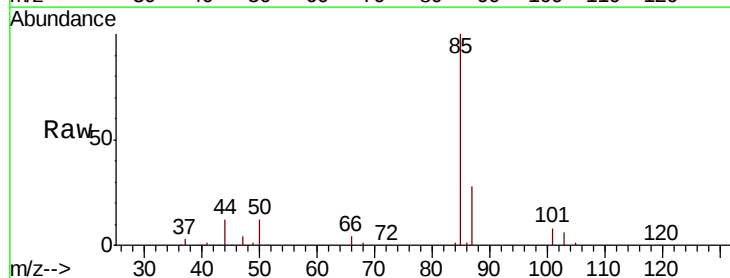
Acq: 01 Nov 2019 12:27

Tgt Ion: 85 Resp: 46658

Ion Ratio Lower Upper

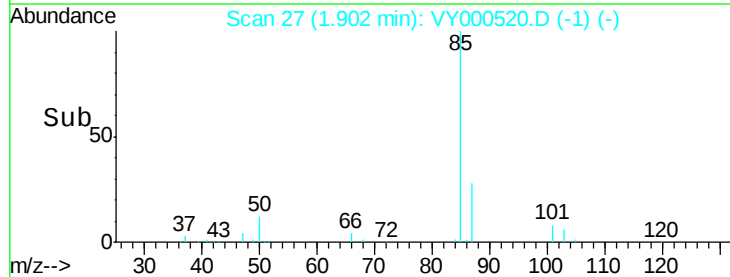
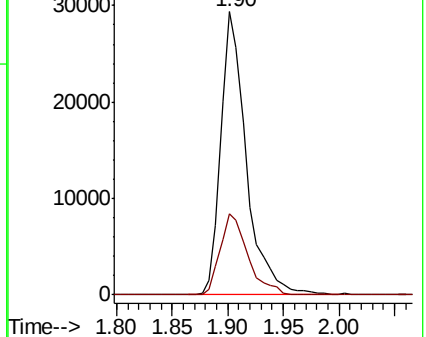
85 100

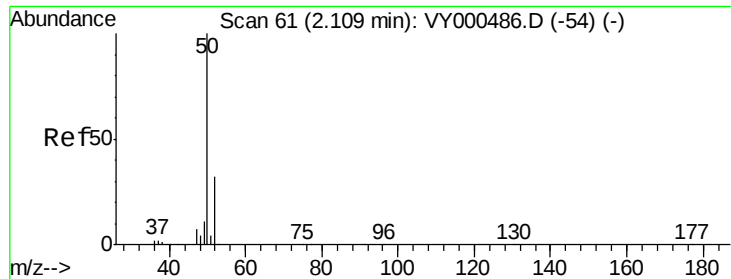
87 28.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000520.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000520.D (-1) (-)





#3

Chloromethane

Concen: 18.756 ug/l

RT: 2.11 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

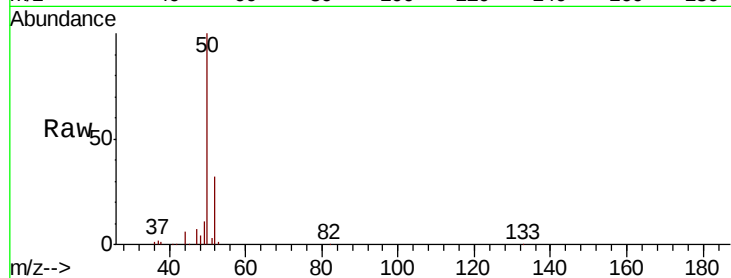
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 64006

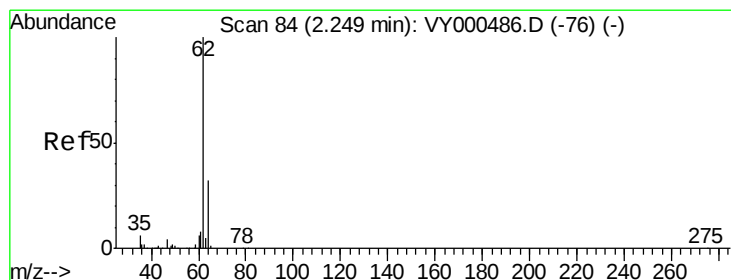
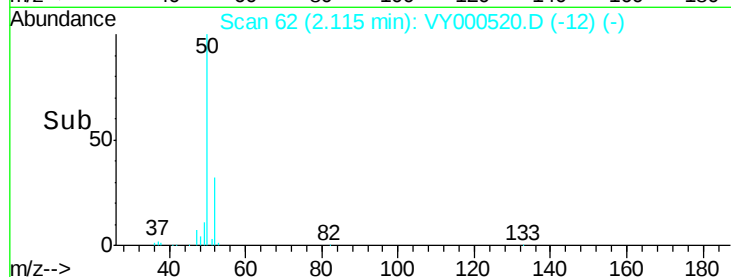
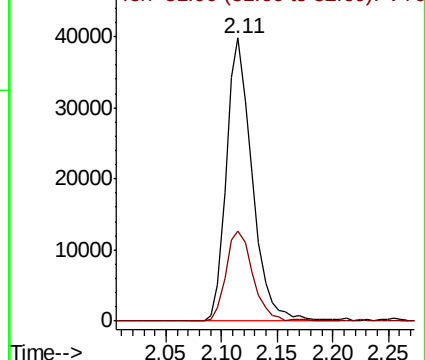
Ion Ratio Lower Upper

50 100

52 31.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0
Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.801 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000520.D

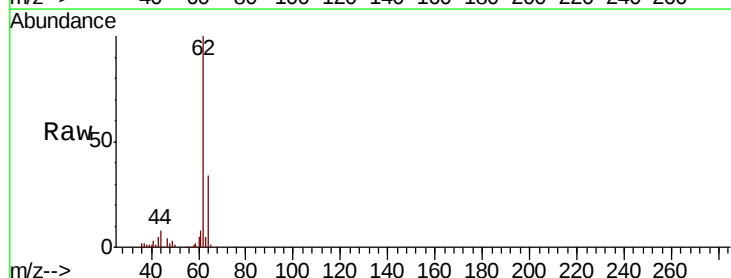
Acq: 01 Nov 2019 12:27

Tgt Ion: 62 Resp: 59579

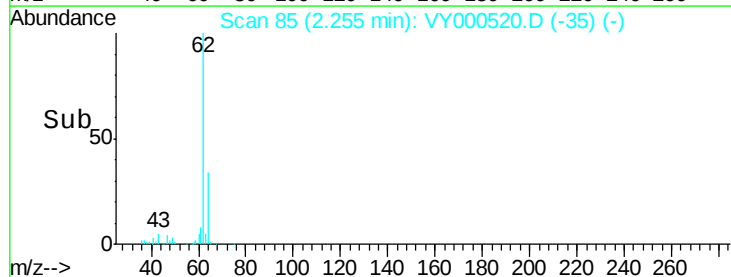
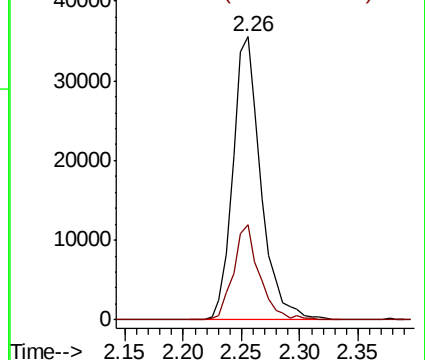
Ion Ratio Lower Upper

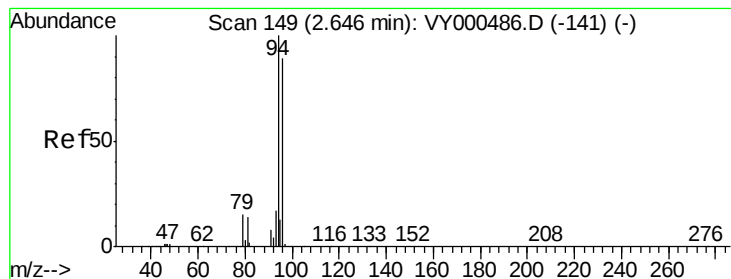
62 100

64 33.8 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.694 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

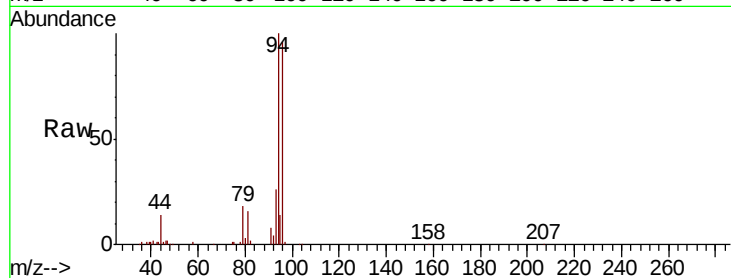
ClientSampleId :

Tot Ion: 94 Resp: 37424

Ion Ratio Lower Upper

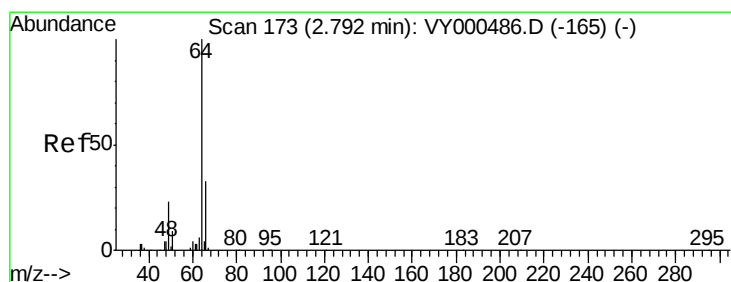
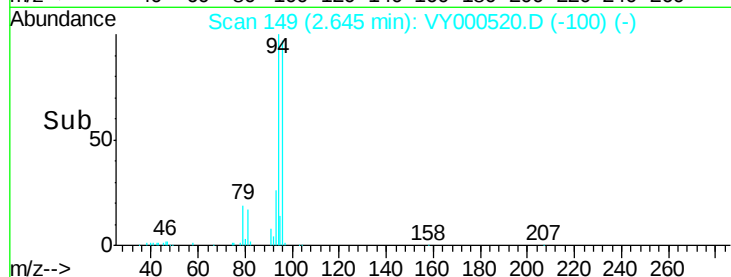
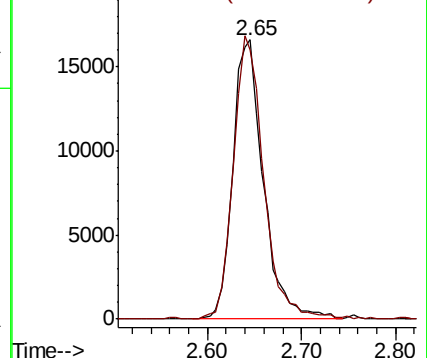
94 100

96 96.4 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: 19.117 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000520.D

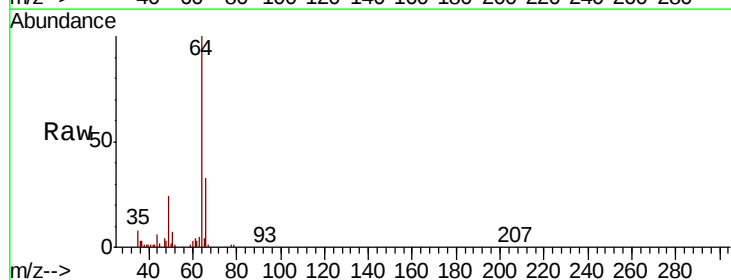
Acq: 01 Nov 2019 12:27

Tgt Ion: 64 Resp: 37916

Ion Ratio Lower Upper

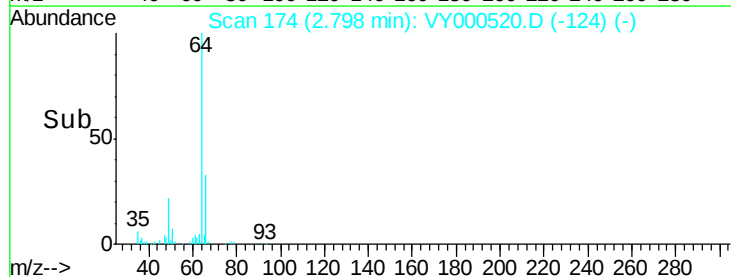
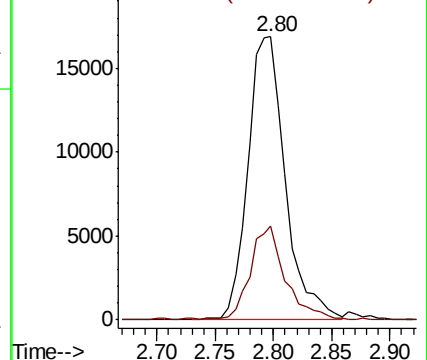
64 100

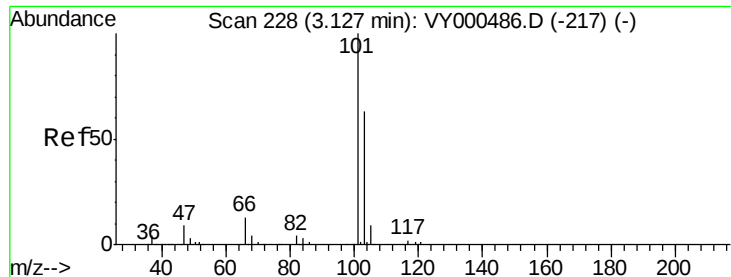
66 32.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



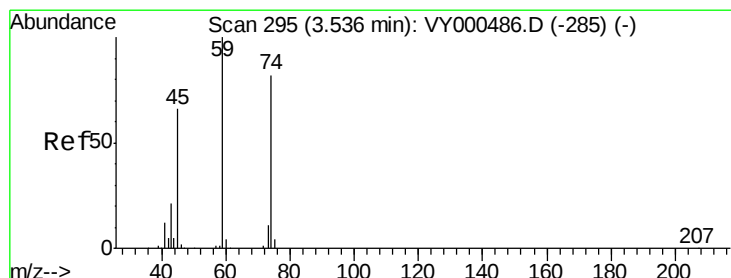
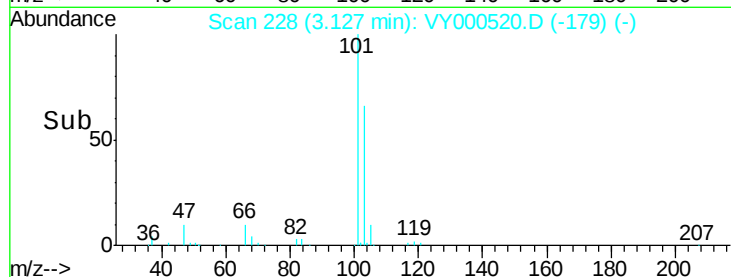
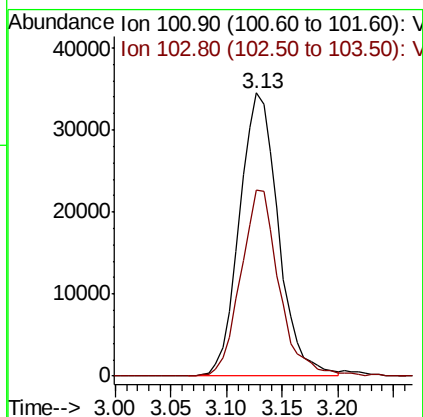
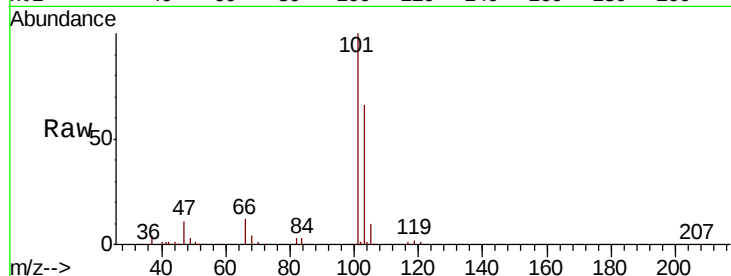


#7

Trichlorofluoromethane
 Concen: 19.639 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Instrument :
 MSVOA_Y
 ClientSampleId :

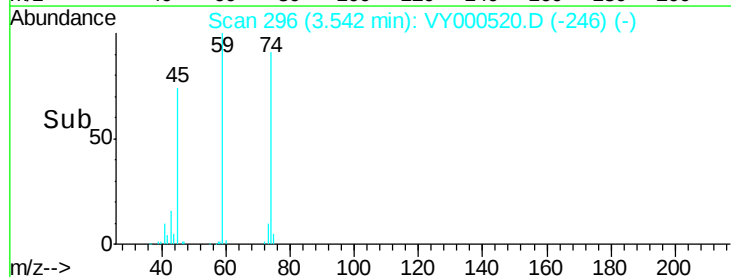
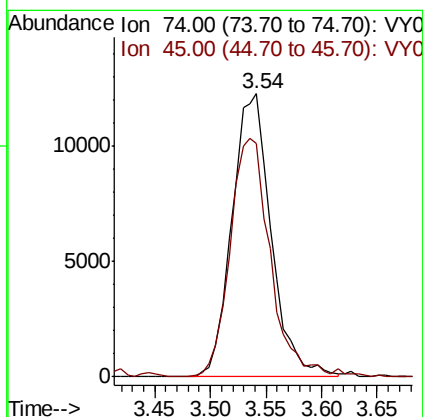
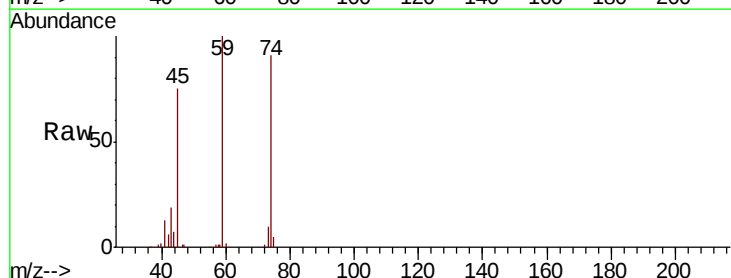
Tot Ion:101 Resp: 84048
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.5 75.7

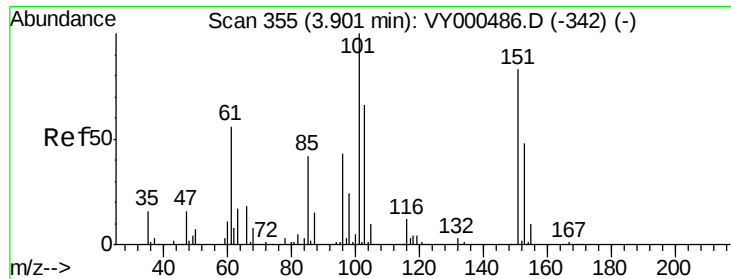


#8

Diethyl Ether
 Concen: 19.685 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.01 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Tgt Ion: 74 Resp: 29934
 Ion Ratio Lower Upper
 74 100
 45 86.1 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.241 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

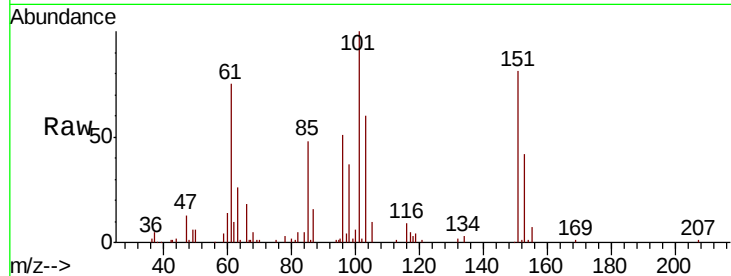
Tot Ion:101 Resp: 49783

Ion Ratio Lower Upper

101 100

85 45.4 36.7 55.1

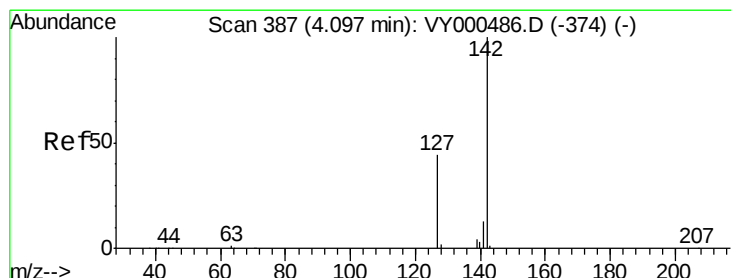
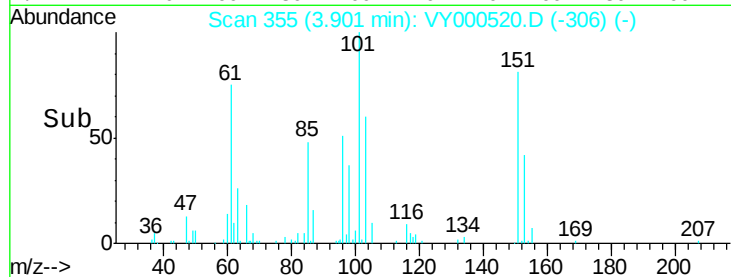
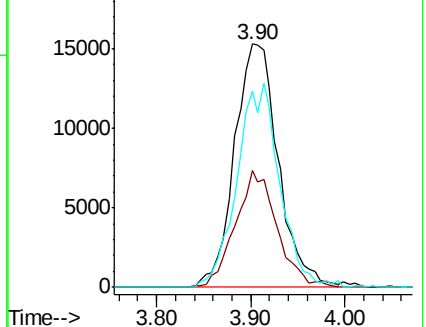
151 81.7 64.3 96.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.781 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

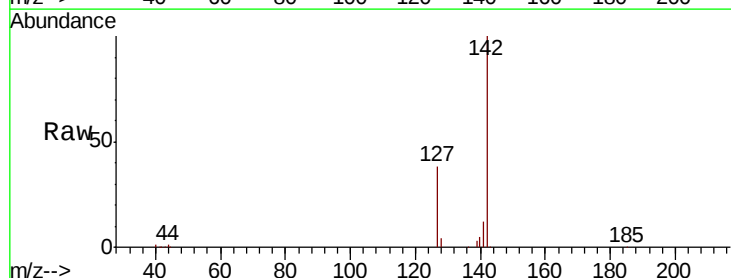
Tgt Ion:142 Resp: 56694

Ion Ratio Lower Upper

142 100

127 44.5 33.7 50.5

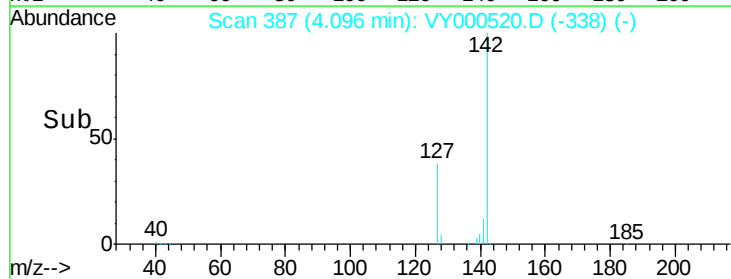
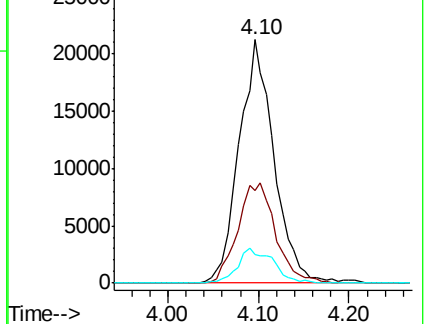
141 14.5 10.9 16.3

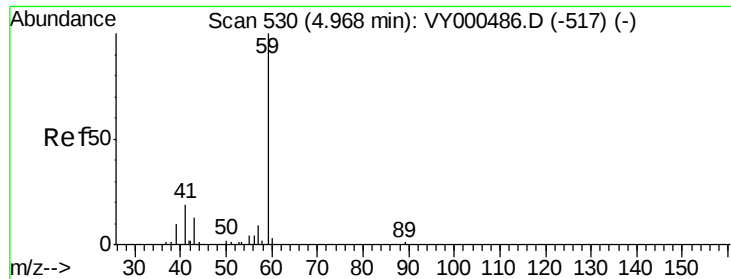


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

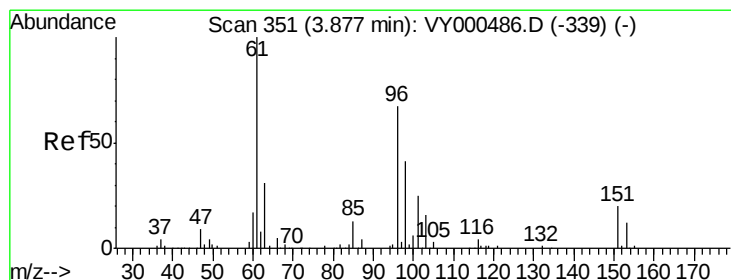
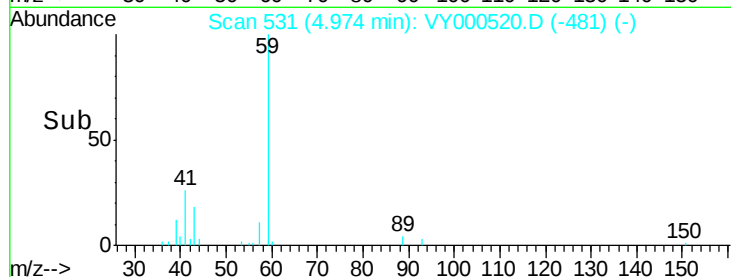
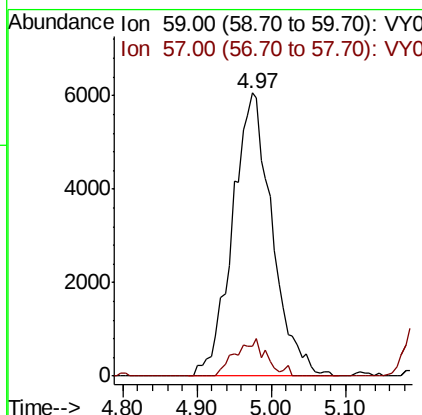
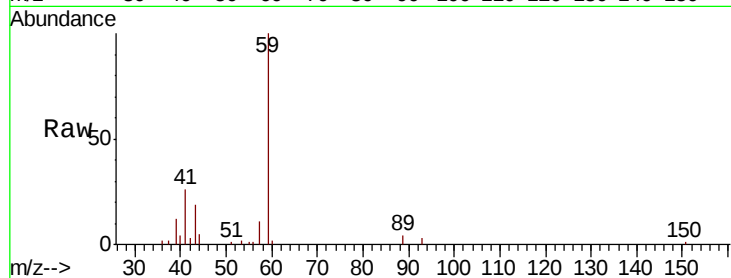




#11
Tert butyl alcohol
Concen: 89.019 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

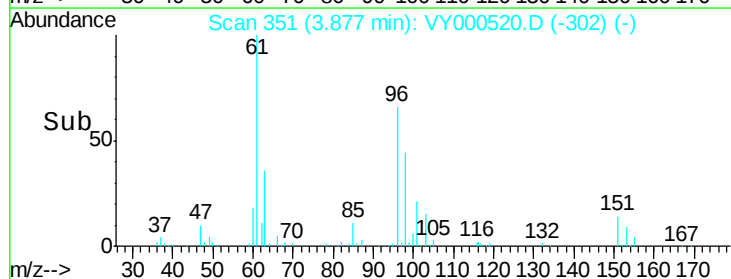
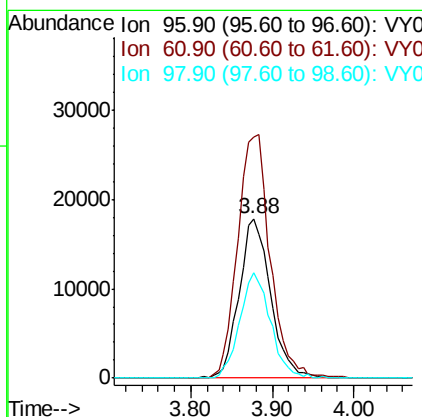
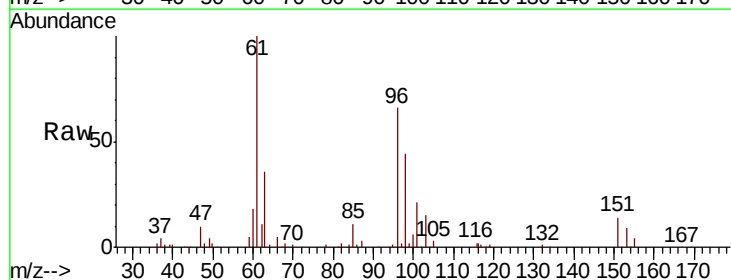
Instrument :
MSVOA_Y
ClientSampleId :

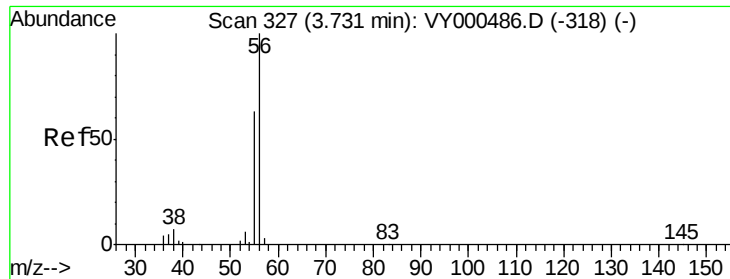
Tot Ion: 59 Resp: 22567
Ion Ratio Lower Upper
59 100
57 9.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.018 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion: 96 Resp: 47807
Ion Ratio Lower Upper
96 100
61 150.8 119.2 178.8
98 65.8 48.6 73.0





#13

Acrolein

Concen: 88.479 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

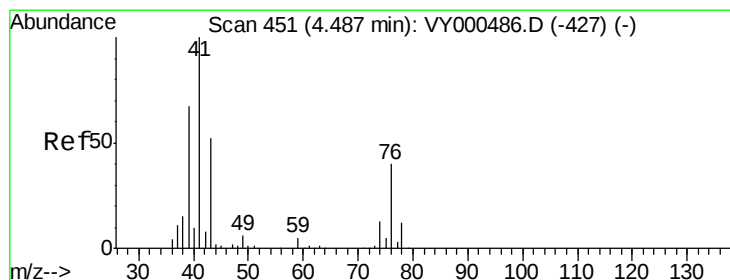
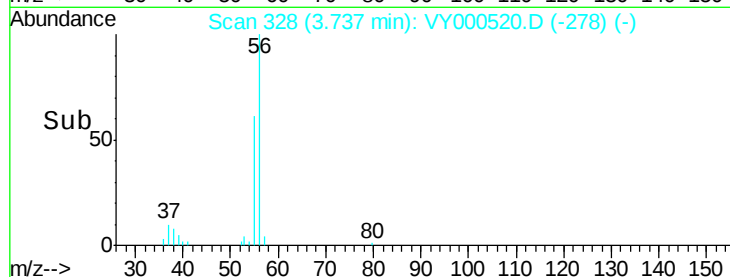
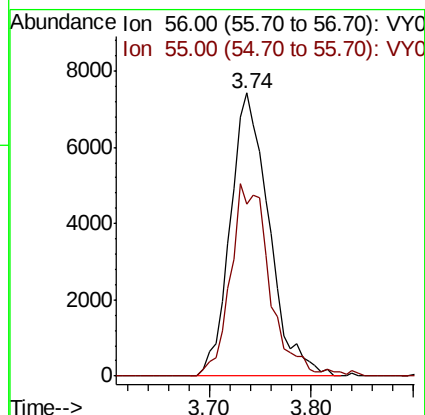
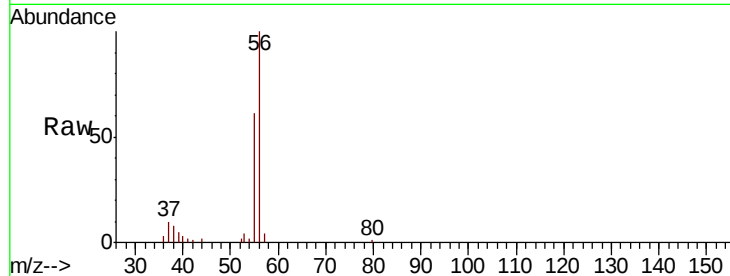
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 19538

Ion Ratio Lower Upper

56 100

55 67.0 57.0 85.6



#14

Allyl chloride

Concen: 19.606 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

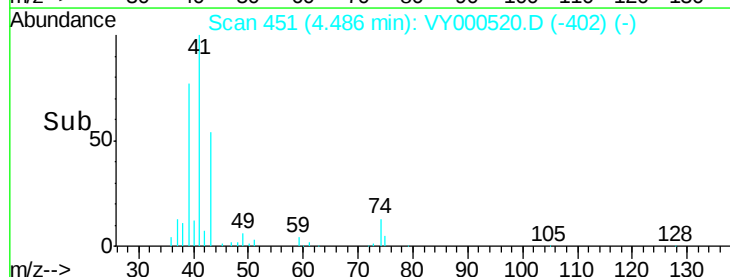
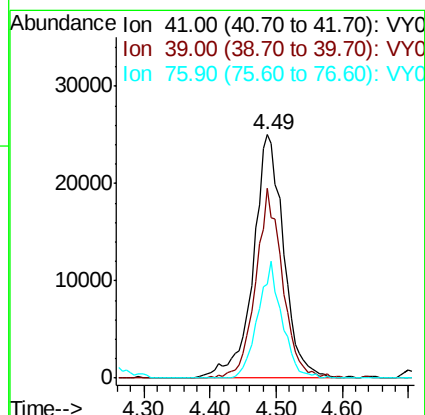
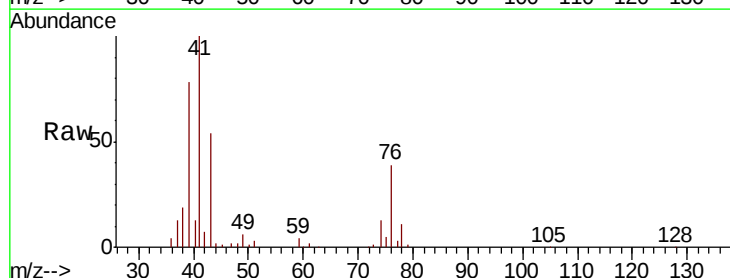
Tgt Ion: 41 Resp: 80140

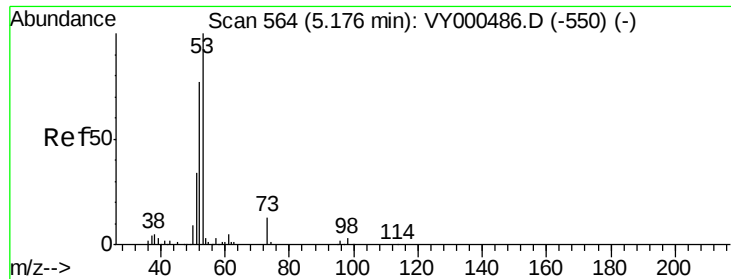
Ion Ratio Lower Upper

41 100

39 68.2 53.6 80.4

76 37.9 29.8 44.6





#15

Acrylonitrile

Concen: 95.517 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

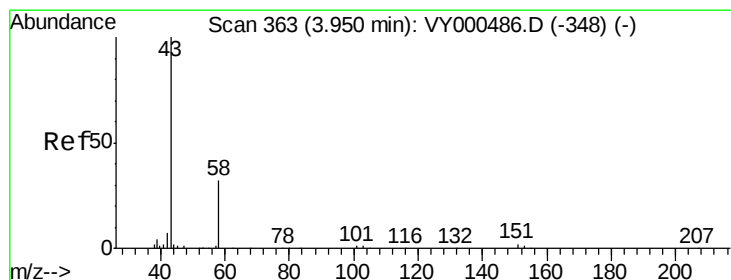
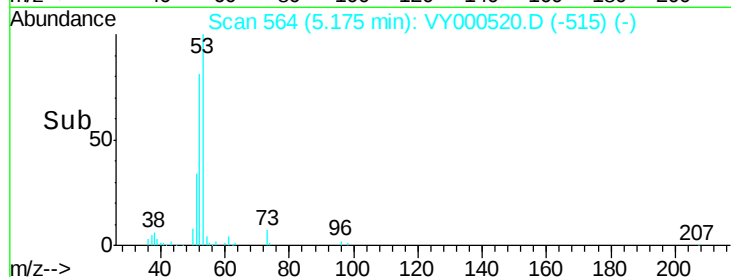
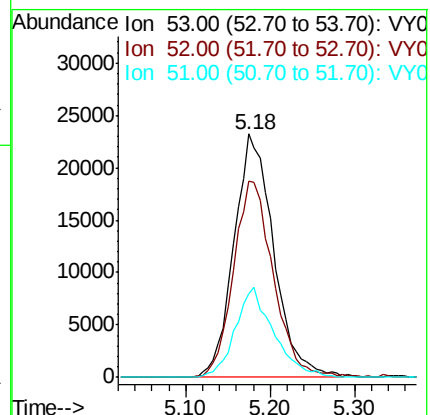
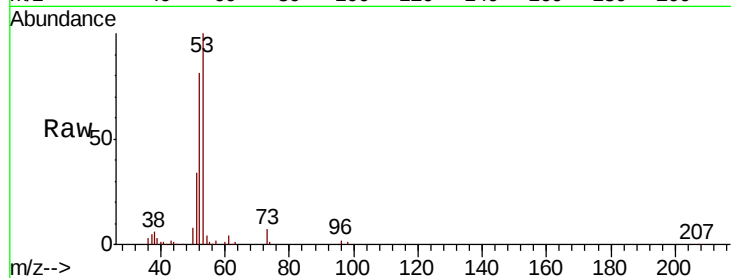
Tot Ion: 53 Resp: 74406

Ion Ratio Lower Upper

53 100

52 80.9 64.9 97.3

51 35.6 27.6 41.4



#16

Acetone

Concen: 83.309 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000520.D

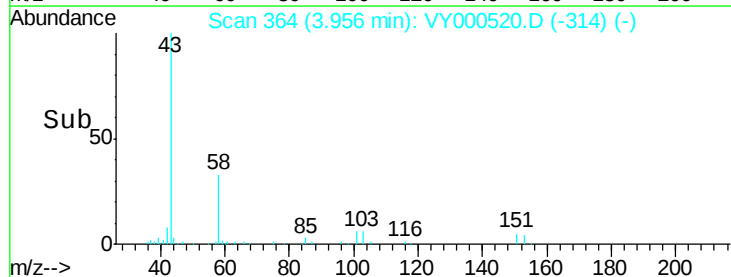
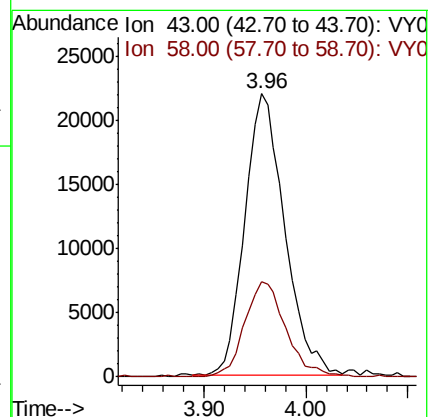
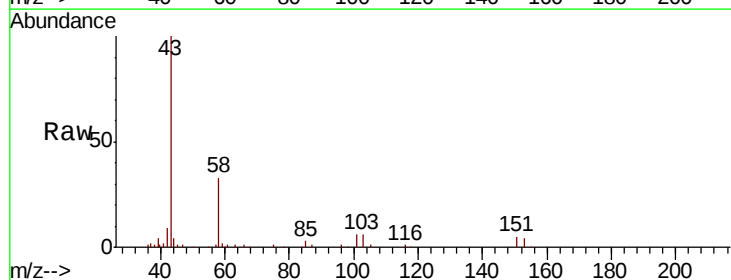
Acq: 01 Nov 2019 12:27

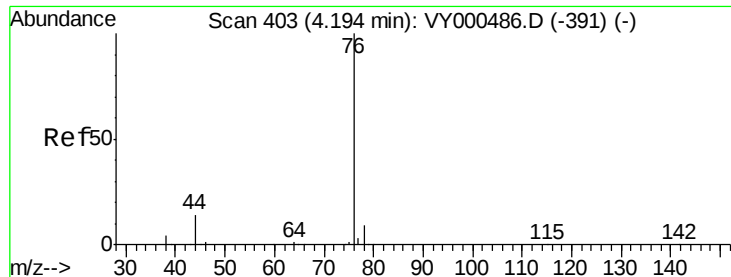
Tgt Ion: 43 Resp: 59796

Ion Ratio Lower Upper

43 100

58 33.6 25.8 38.6

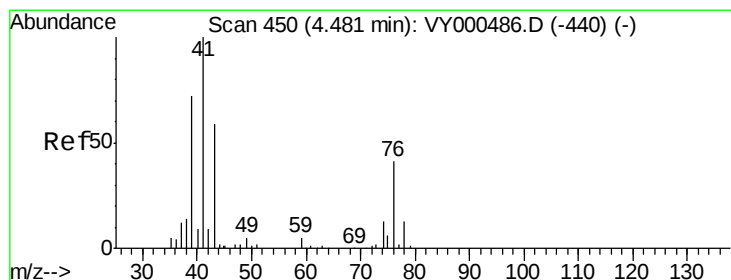
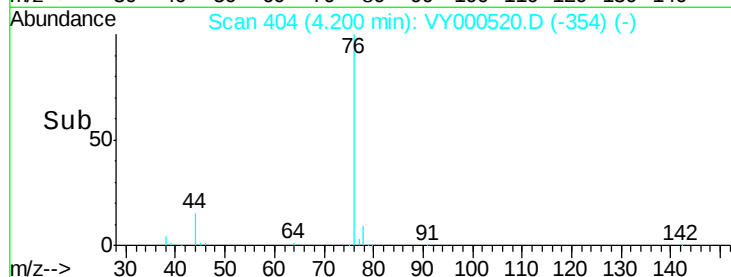
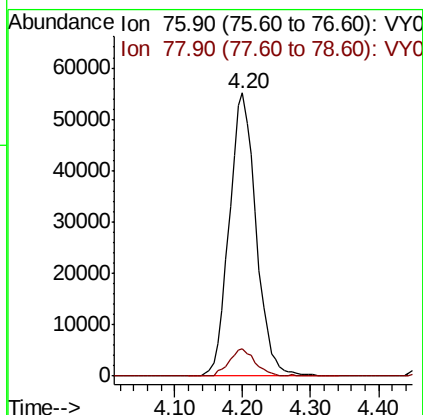
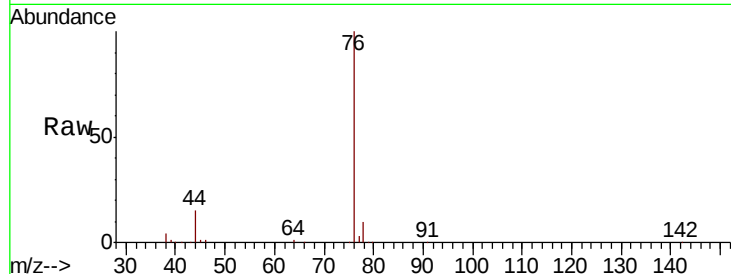




#17
Carbon Disulfide
Concen: 18.995 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

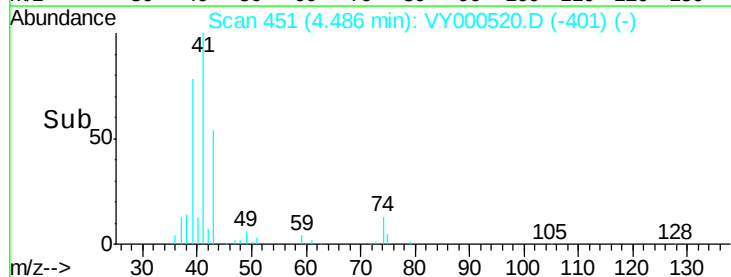
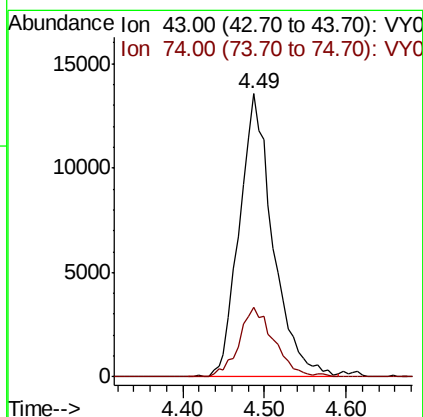
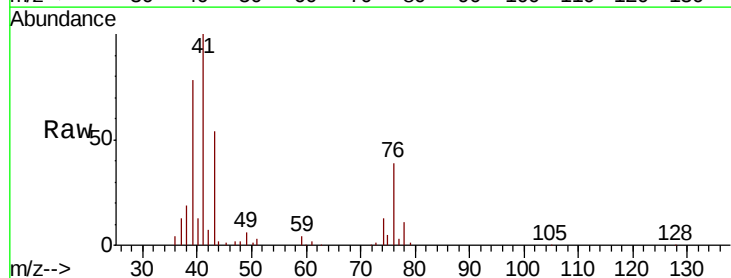
Instrument :
MSVOA_Y
ClientSampled :

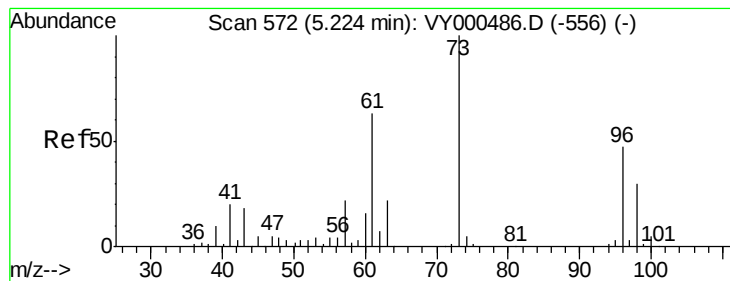
Tot Ion: 76 Resp: 150601
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3



#18
Methyl Acetate
Concen: 17.404 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion: 43 Resp: 38841
Ion Ratio Lower Upper
43 100
74 25.3 19.2 28.8



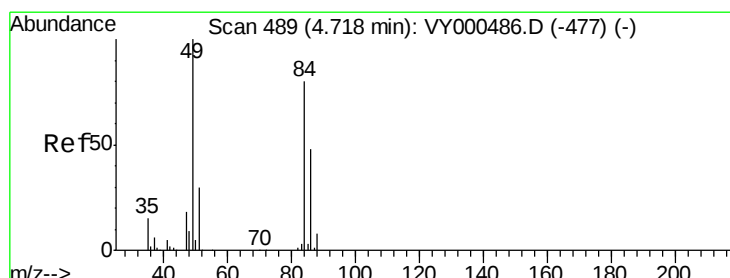
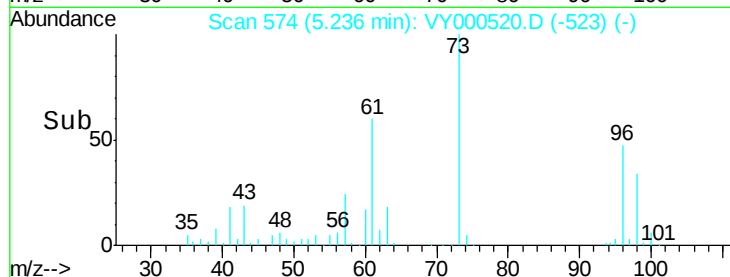
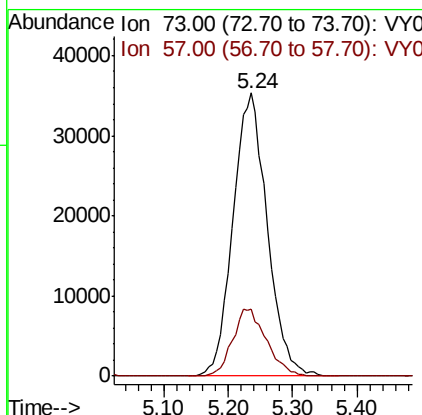
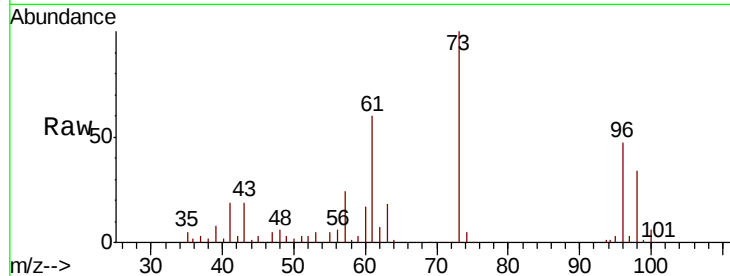


#19

Methyl tert-butyl Ether
 Concen: 18.607 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Instrument :
 MSVOA_Y
 ClientSampleId :

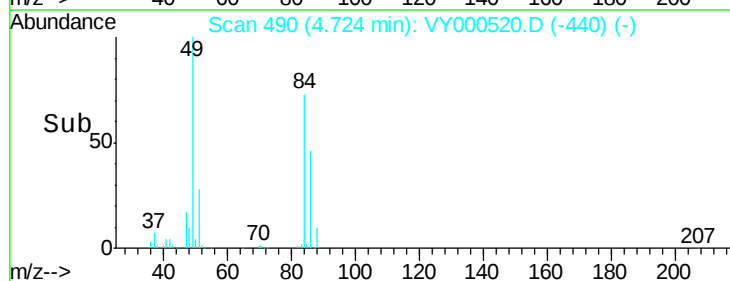
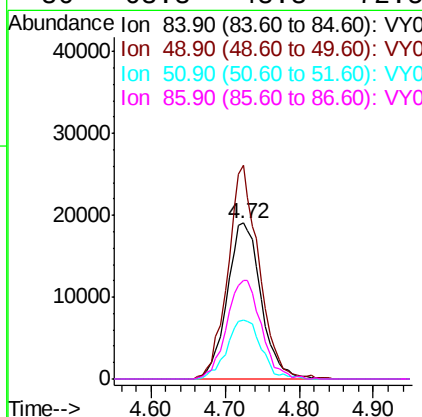
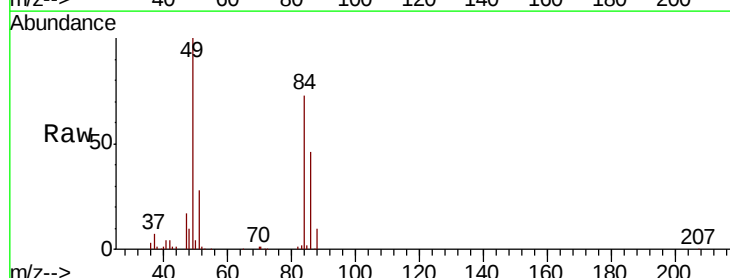
Tot Ion: 73 Resp: 130043
 Ion Ratio Lower Upper
 73 100
 57 23.6 17.4 26.0

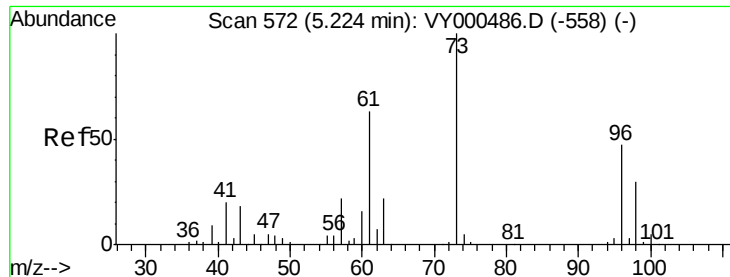


#20

Methylene Chloride
 Concen: 19.718 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Tgt Ion: 84 Resp: 60645
 Ion Ratio Lower Upper
 84 100
 49 137.0 100.2 150.4
 51 38.0 29.6 44.4
 86 63.3 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 19.717 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

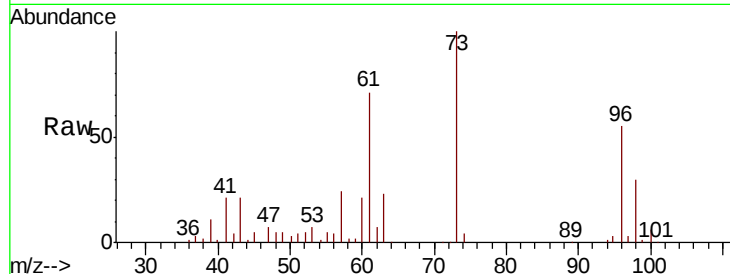
Tot Ion: 96 Resp: 56033

Ion Ratio Lower Upper

96 100

61 129.3 106.6 160.0

98 54.4 50.6 76.0

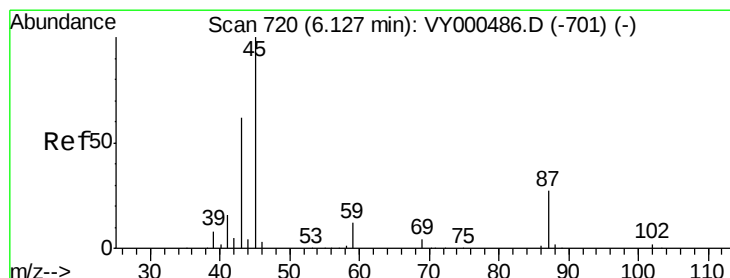
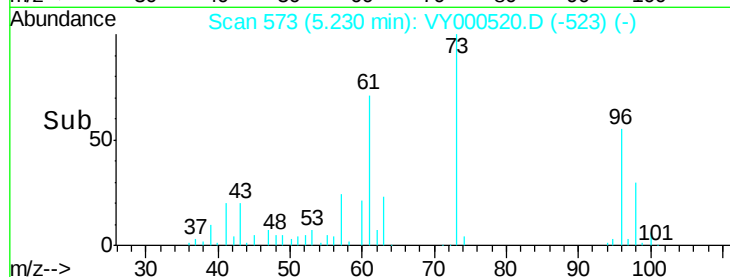
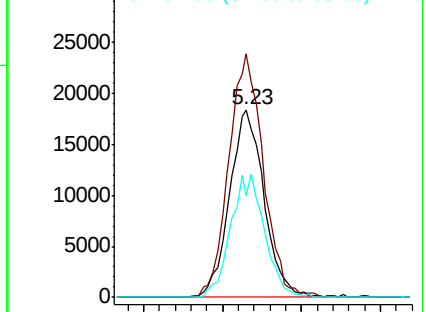


Abundance

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: 18.774 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Tgt Ion: 45 Resp: 166794

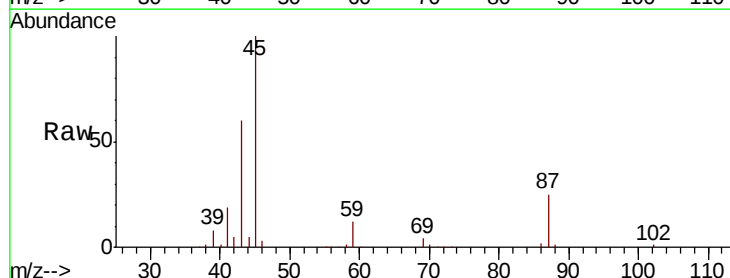
Ion Ratio Lower Upper

45 100

43 59.9 50.0 75.0

87 24.6 21.6 32.4

59 12.1 9.5 14.3



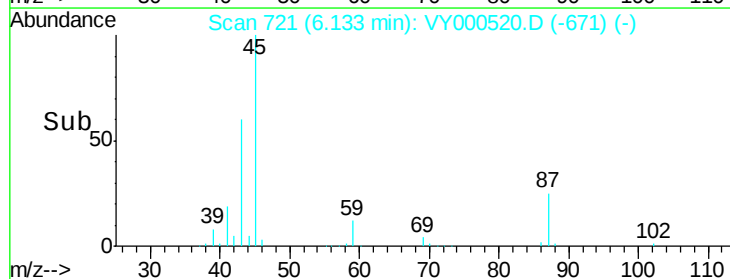
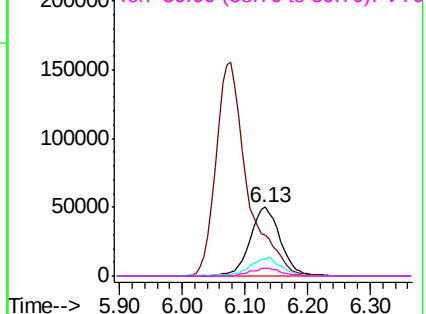
Abundance

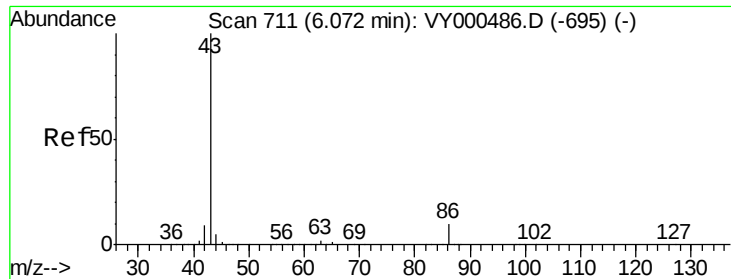
Ion 45.00 (44.70 to 45.70): VY0

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: 95.663 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

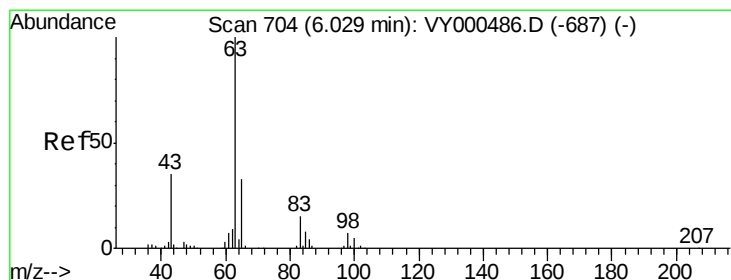
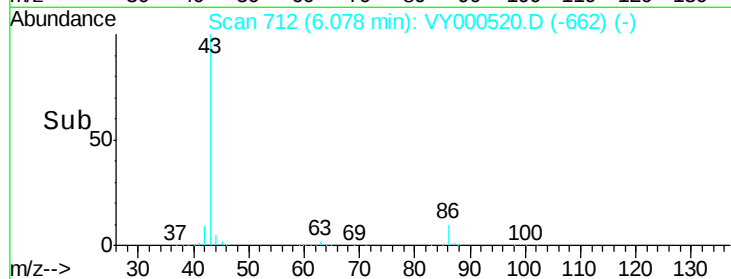
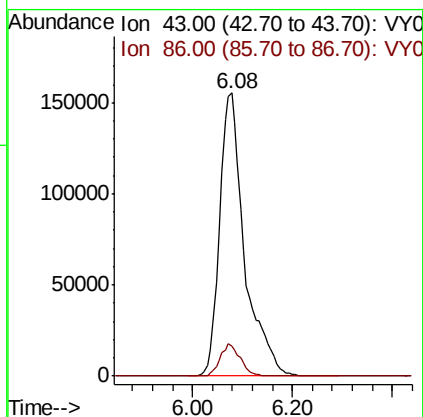
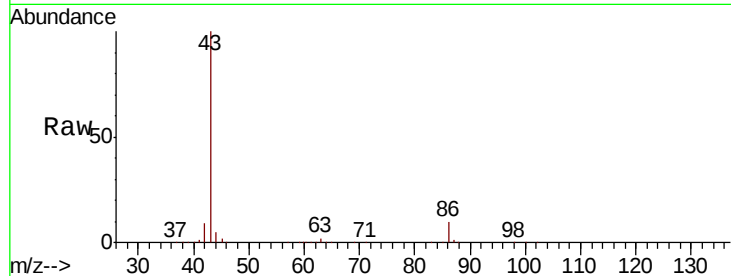
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 536498

Ion Ratio Lower Upper

43 100

86 10.4 7.8 11.6



#24

1,1-Dichloroethane

Concen: 18.550 ug/l

RT: 6.03 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

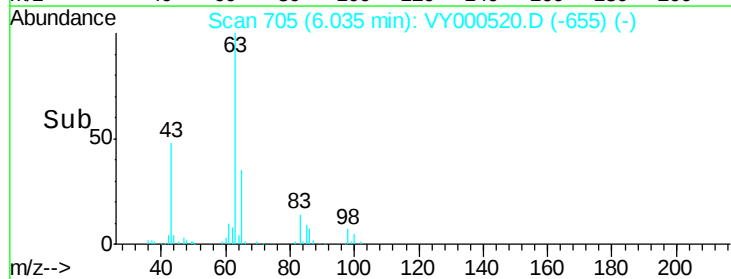
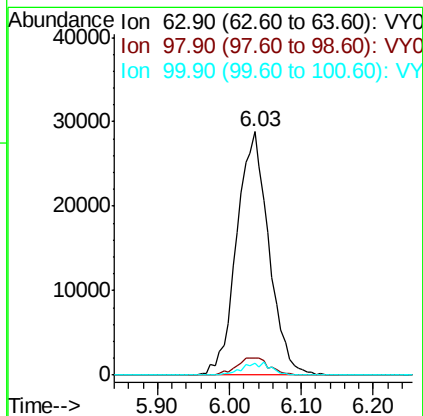
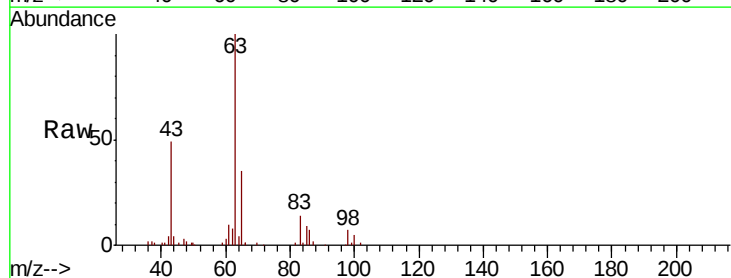
Tgt Ion: 63 Resp: 89282

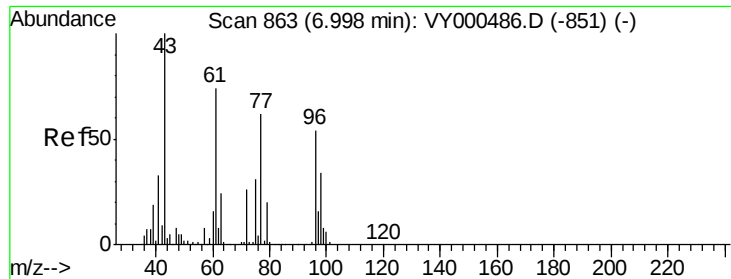
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.6

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 89.725 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

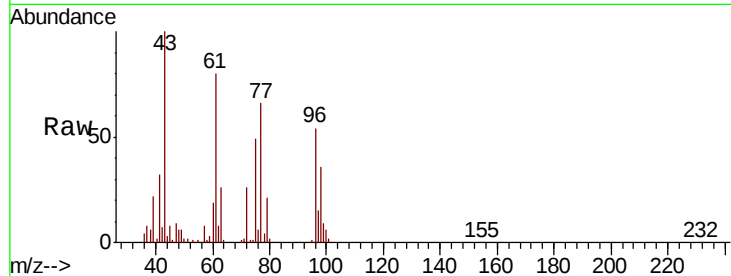
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 102780

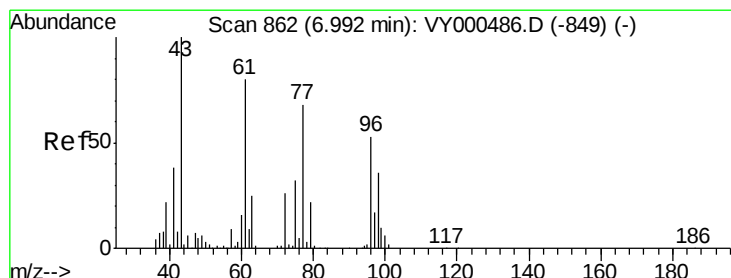
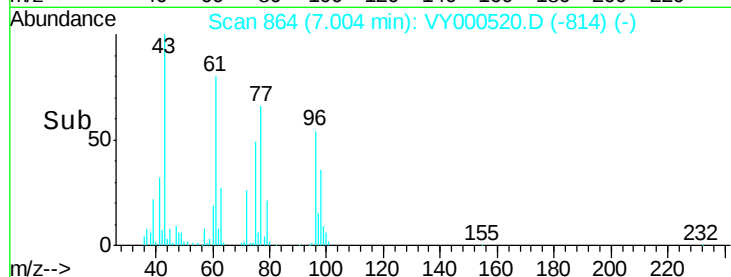
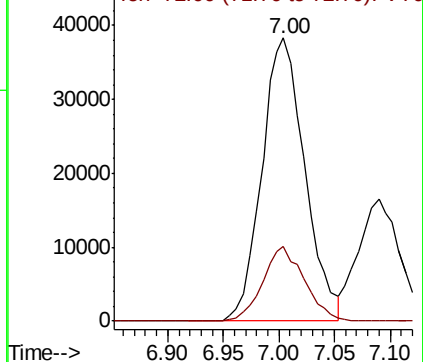
Ion Ratio Lower Upper

43 100

72 26.3 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: 19.392 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000520.D

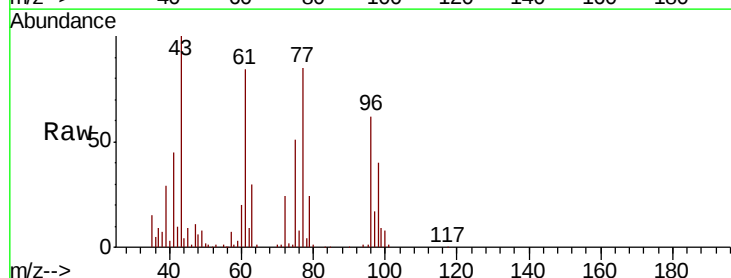
Acq: 01 Nov 2019 12:27

Tgt Ion: 77 Resp: 85294

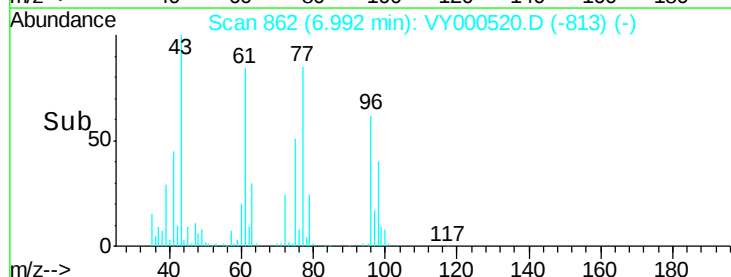
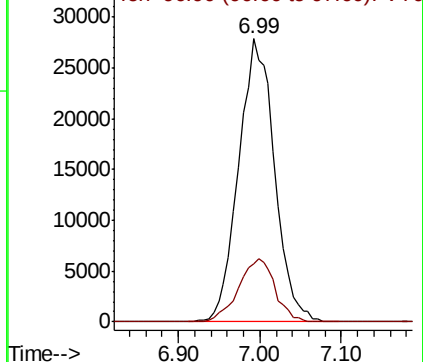
Ion Ratio Lower Upper

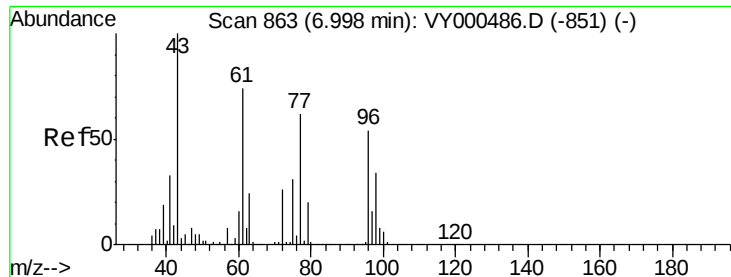
77 100

97 22.6 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



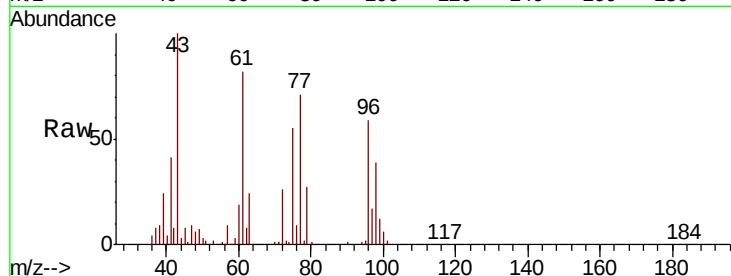


#27

cis-1,2-Dichloroethene
Concen: 18.852 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	96	Resp	58583
Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	287.0
98	66.2	0.0	129.4

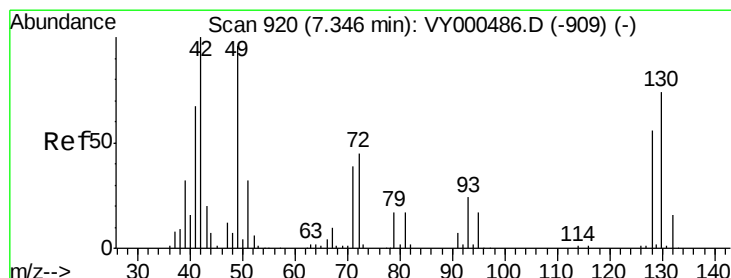
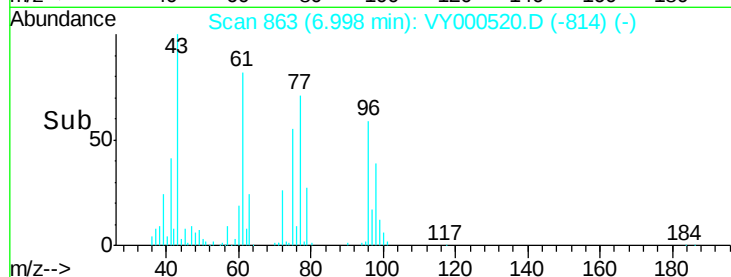
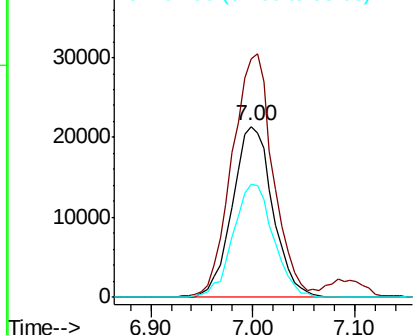


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

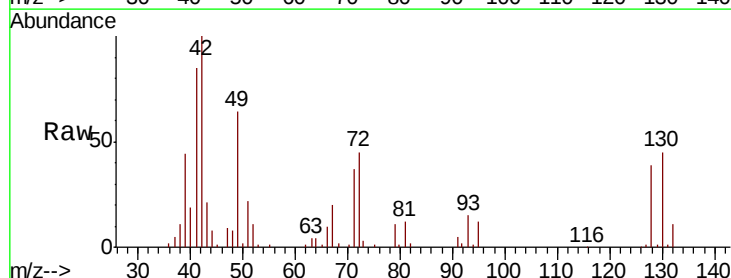
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
Concen: 13.896 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion	49	Resp	23437
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.6
130	69.4	59.4	89.0

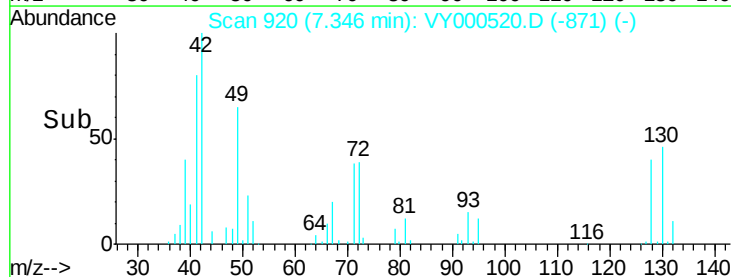
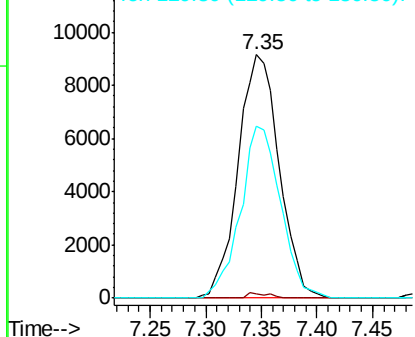


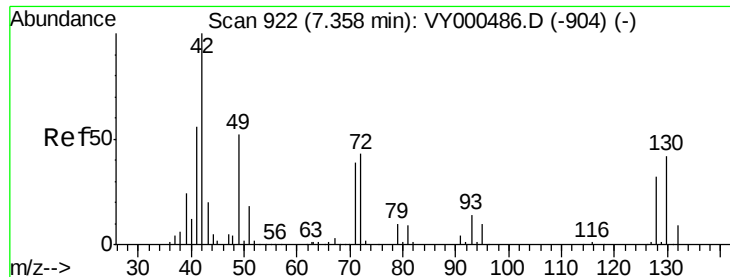
Abundance

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

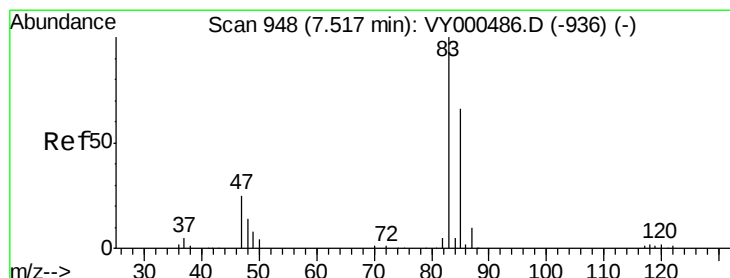
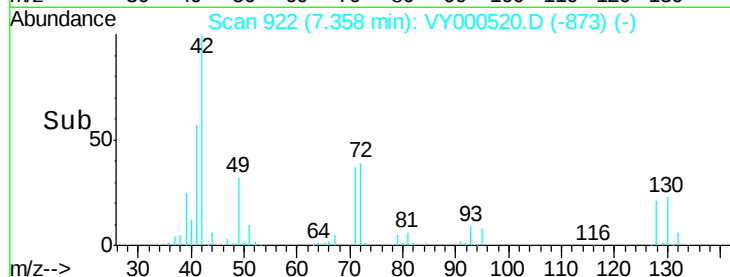
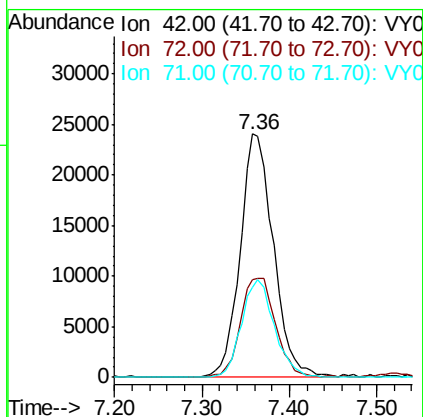
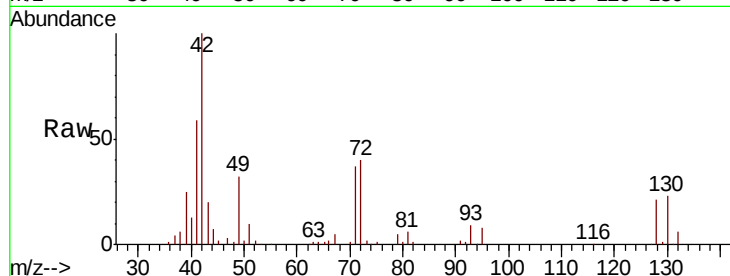




#29
Tetrahydrofuran
Concen: 90.942 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

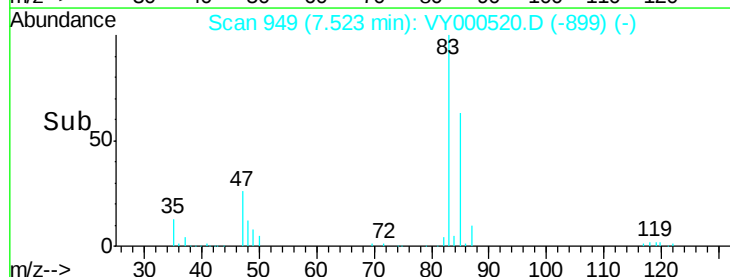
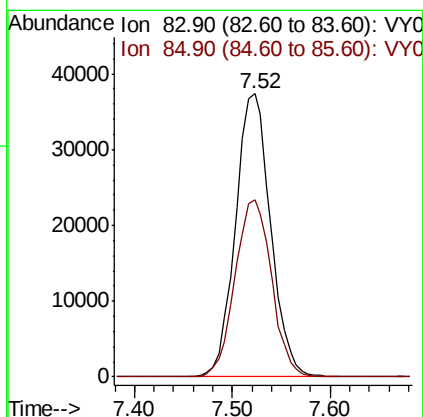
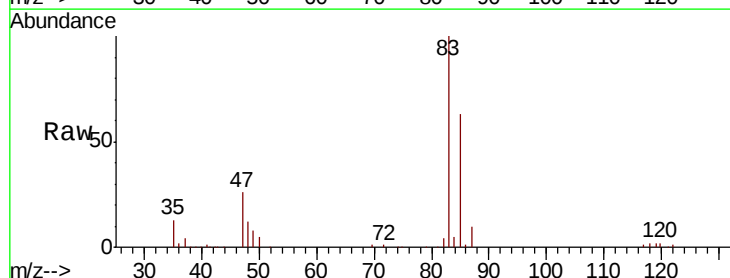
Instrument :
MSVOA_Y
ClientSampled :

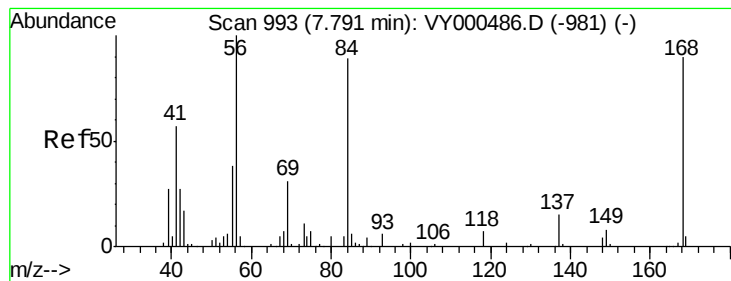
Tot Ion: 42 Resp: 63730
Ion Ratio Lower Upper
42 100
72 43.1 34.0 51.0
71 39.6 30.8 46.2



#30
Chloroform
Concen: 19.108 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion: 83 Resp: 93035
Ion Ratio Lower Upper
83 100
85 62.8 53.0 79.4





#31

Cyclohexane

Concen: 18.708 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

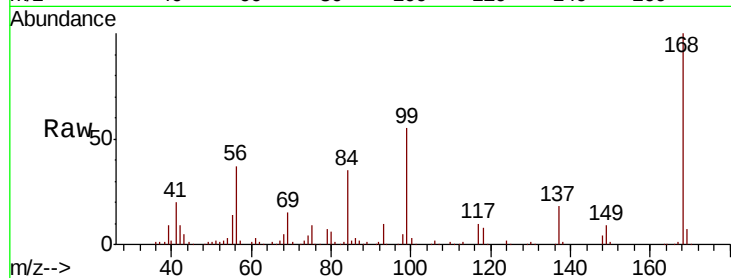
Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

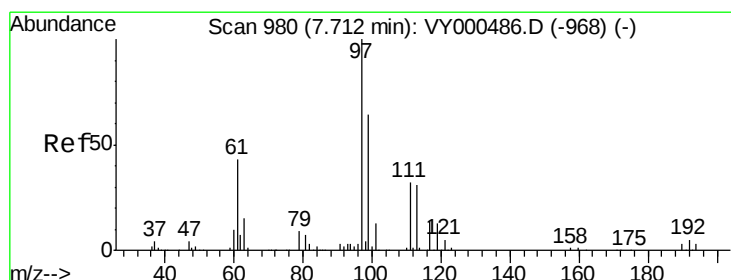
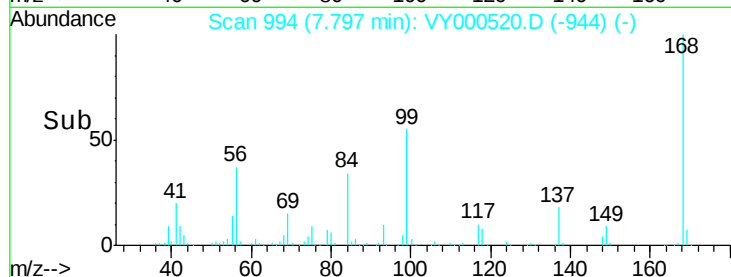
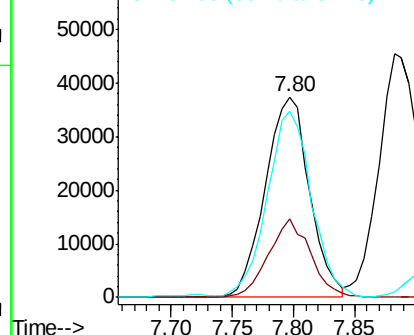
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 94306

Ion	Ratio	Lower	Upper
56	100		
69	39.1	25.0	37.6#
84	91.2	71.4	107.2



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



#32

1,1,1-Trichloroethane

Concen: 19.278 ug/l

RT: 7.72 min Scan# 981

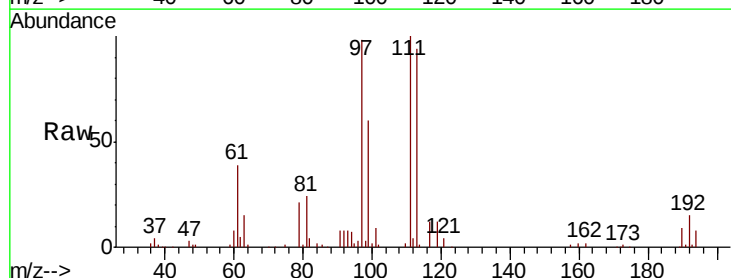
Delta R.T. 0.01 min

Lab File: VY000520.D

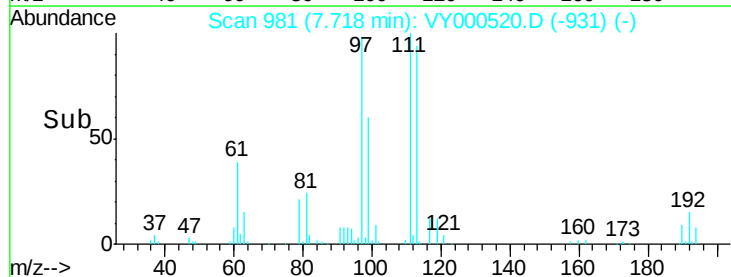
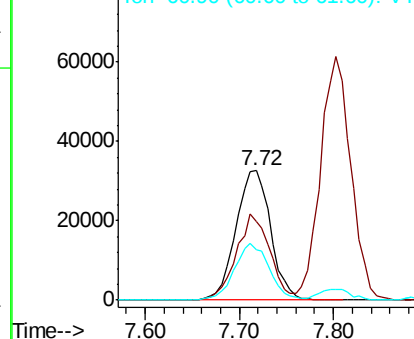
Acq: 01 Nov 2019 12:27

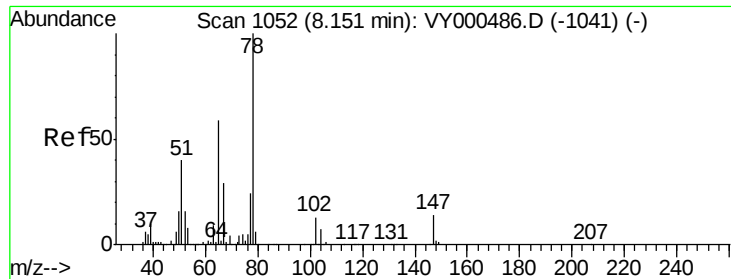
Tgt Ion: 97 Resp: 83653

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.9	76.3
61	44.0	34.9	52.3



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





#33

1,2-Dichloroethane-d4

Concen: 50.816 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

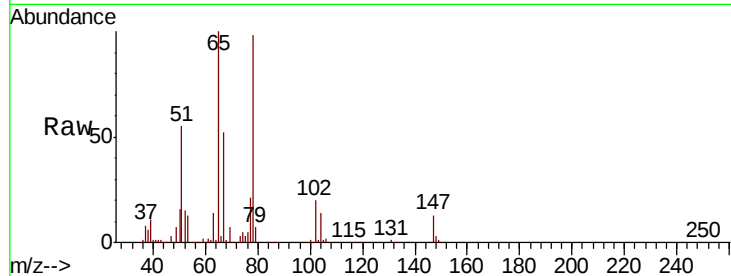
ClientSampleId :

Tot Ion: 65 Resp: 132339

Ion Ratio Lower Upper

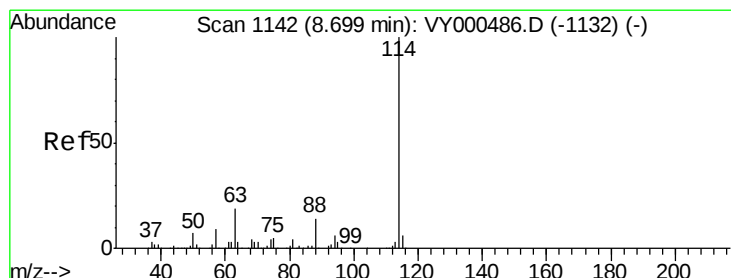
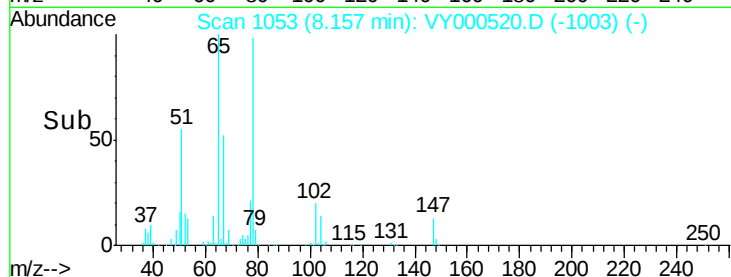
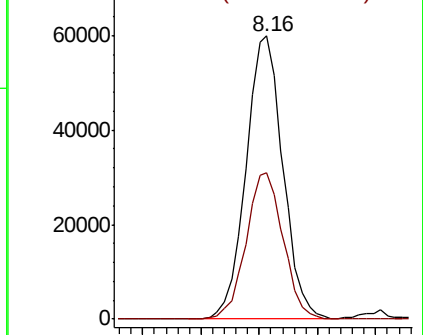
65 100

67 52.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

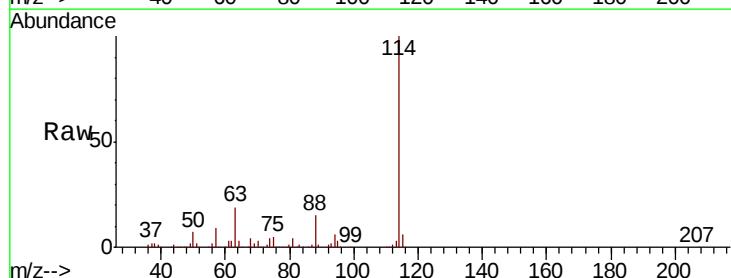
Tgt Ion: 114 Resp: 401816

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.0

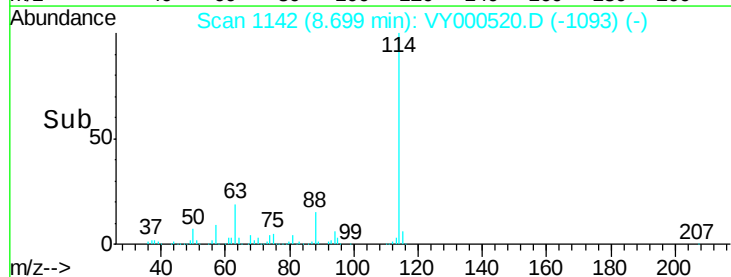
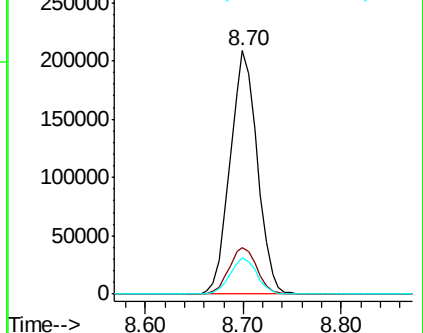
88 14.9 0.0 28.6

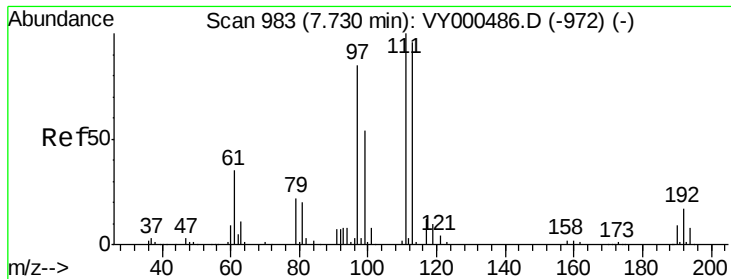


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

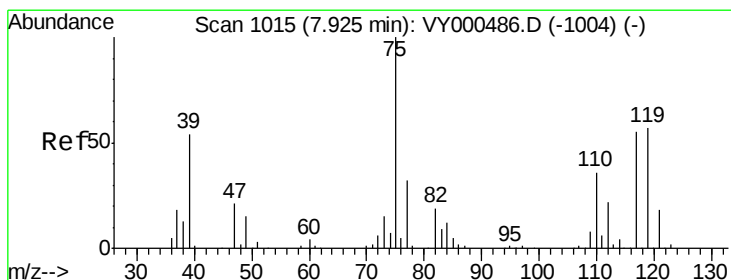
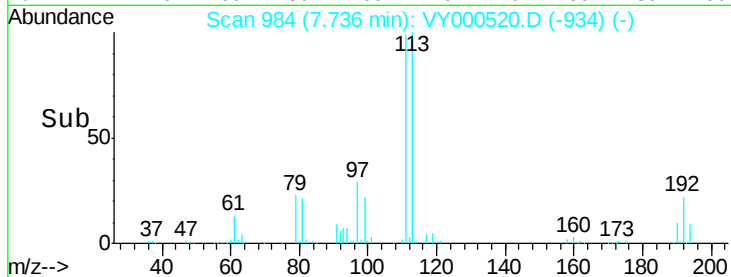
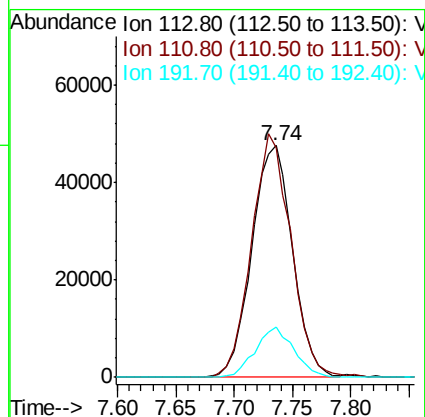
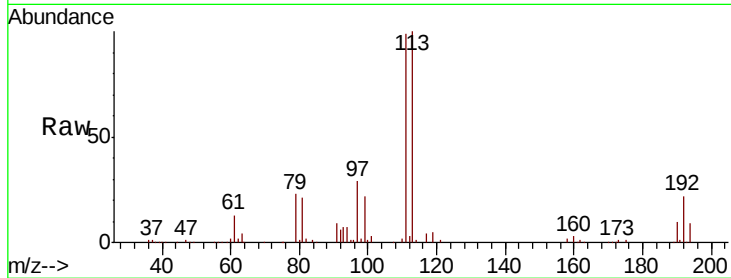




#35
 Dibromofluoromethane
 Concen: 48.983 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

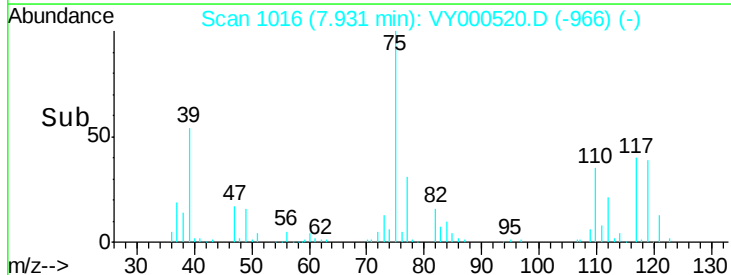
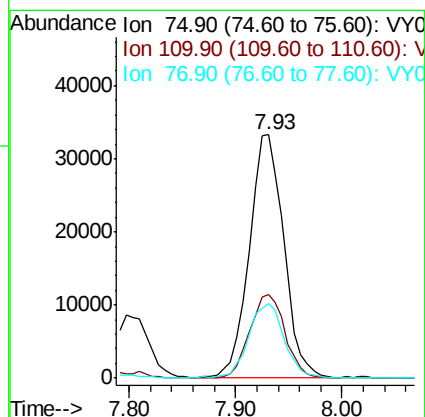
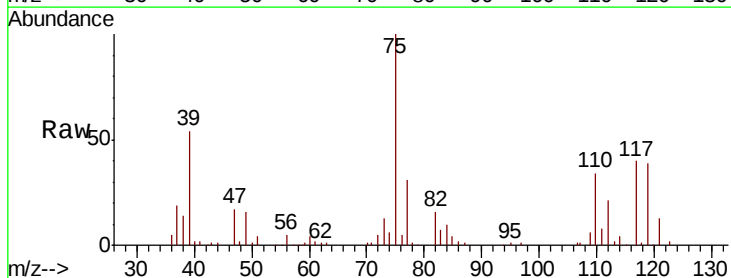
Instrument :
 MSVOA_Y
 ClientSampleId :

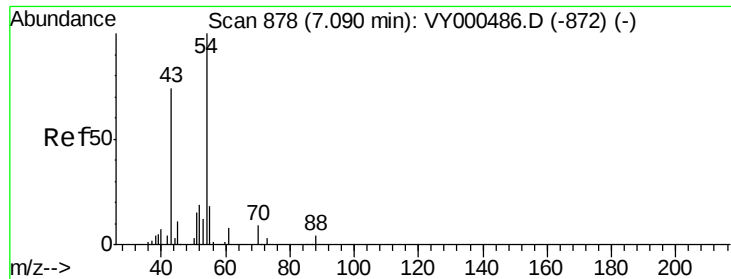
Tot Ion:113 Resp: 115546
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 20.5 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 19.883 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Tgt Ion: 75 Resp: 75526
 Ion Ratio Lower Upper
 75 100
 110 35.3 18.1 54.1
 77 31.8 25.0 37.6

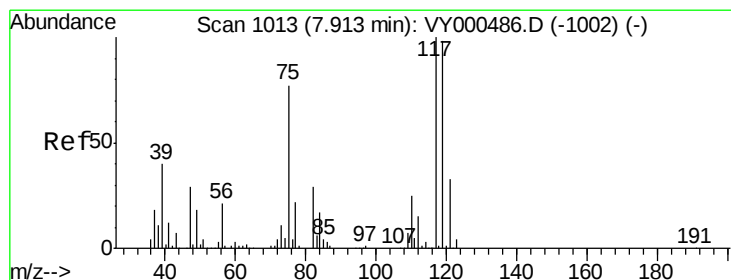
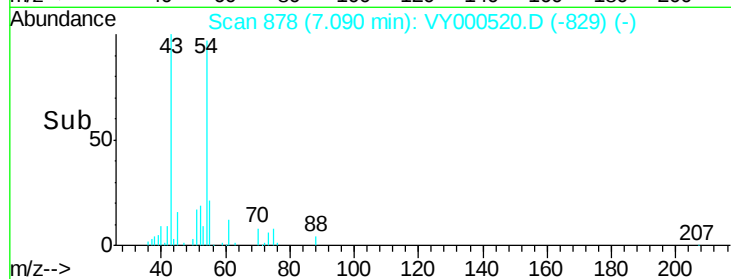
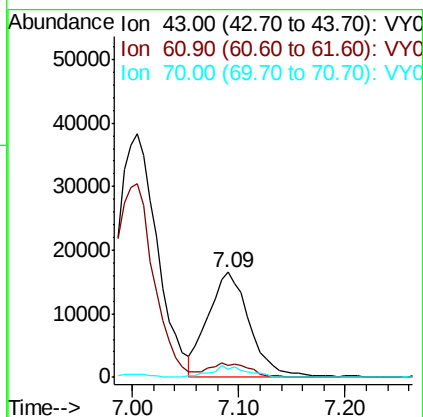
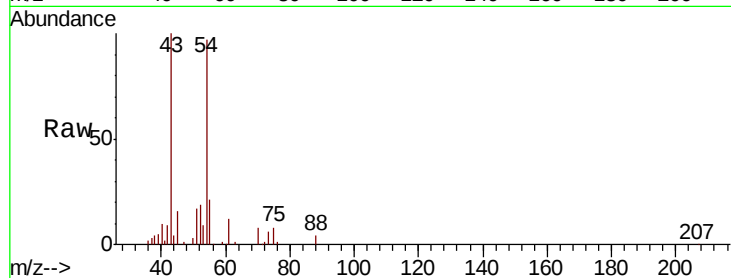




#37
Ethyl Acetate
Concen: 19.638 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

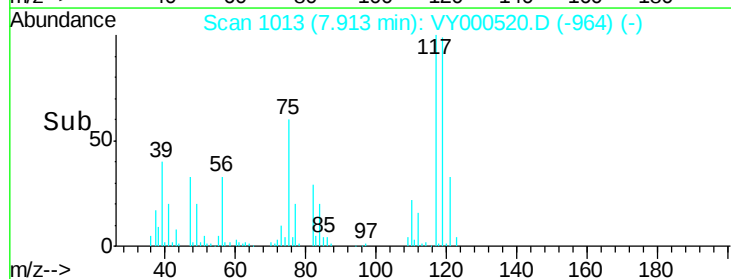
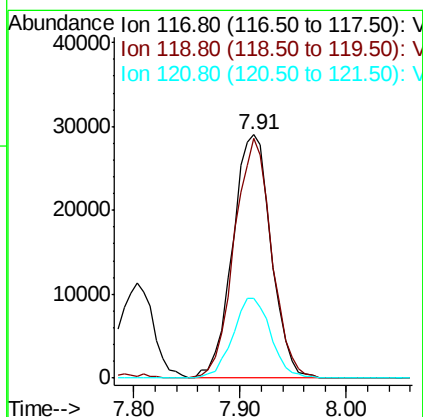
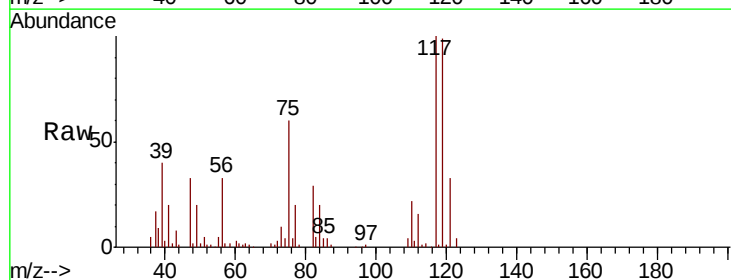
Instrument :
MSVOA_Y
ClientSampled :

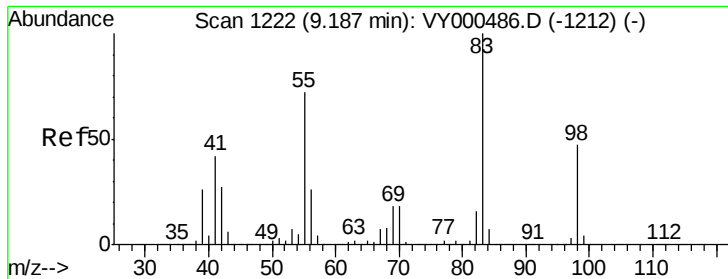
Tot Ion: 43 Resp: 44289
Ion Ratio Lower Upper
43 100
61 12.8 10.2 15.2
70 9.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.112 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion: 117 Resp: 73510
Ion Ratio Lower Upper
117 100
119 98.7 78.0 117.0
121 32.5 26.6 40.0

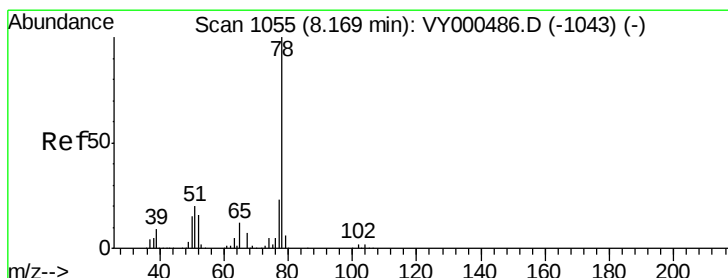
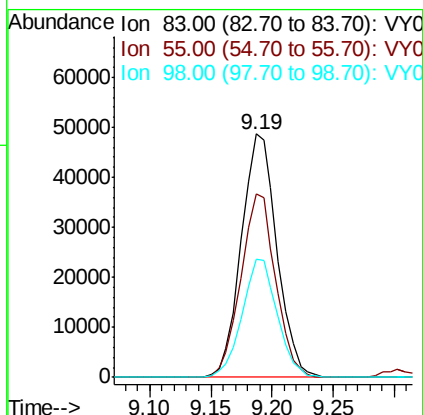
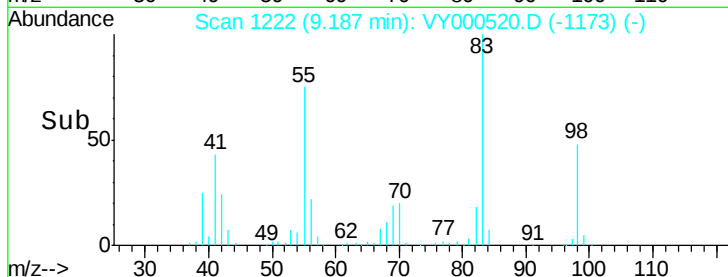
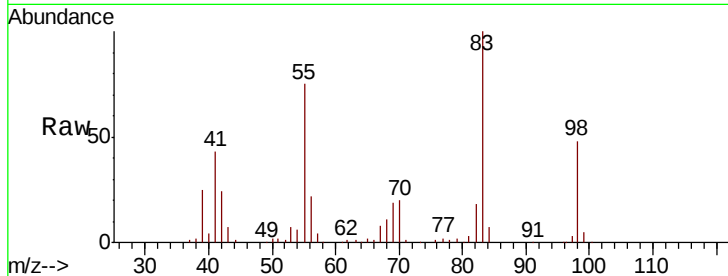




#39
Methvlcvclohexane
Concen: 20.027 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

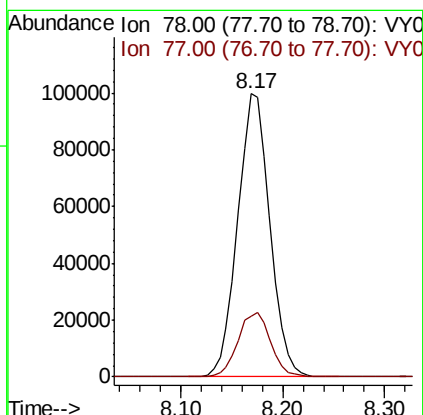
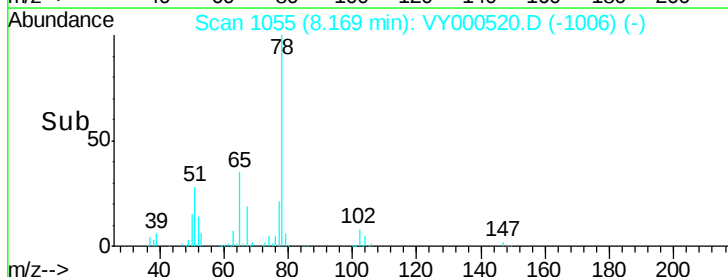
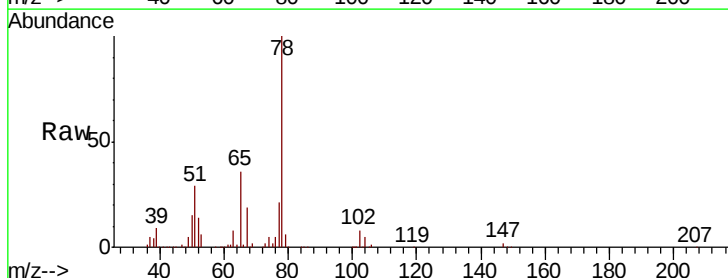
Instrument :
MSVOA_Y
ClientSampleId :

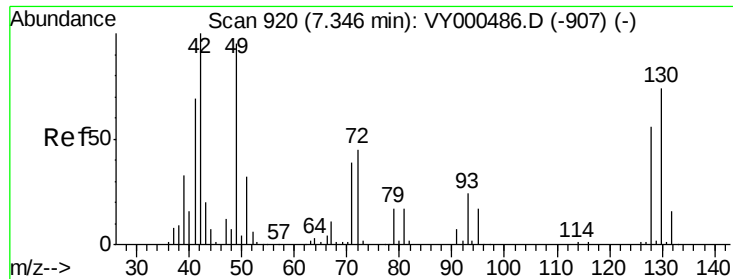
Tot Ion: 83 Resp: 98282
Ion Ratio Lower Upper
83 100
55 75.4 57.5 86.3
98 48.4 38.0 57.0



#40
Benzene
Concen: 19.626 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion: 78 Resp: 218561
Ion Ratio Lower Upper
78 100
77 21.2 18.6 28.0

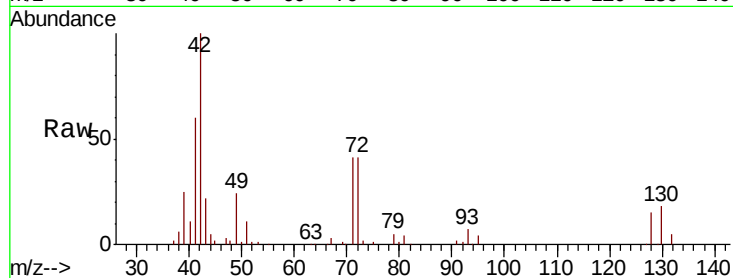




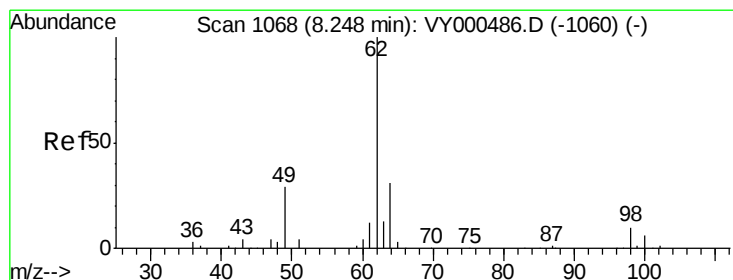
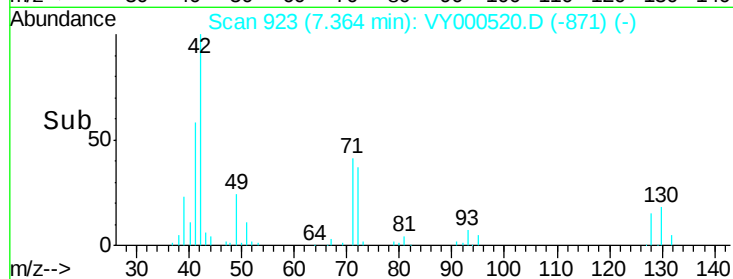
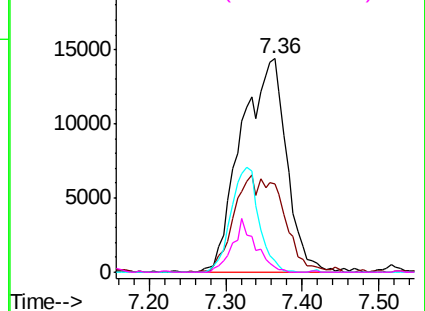
#41
Methacrylonitrile
Concen: 47.276 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 59478
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

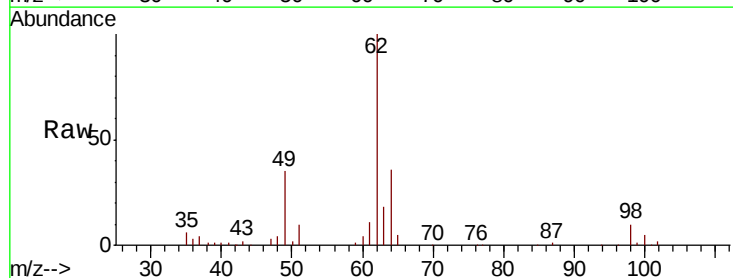


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

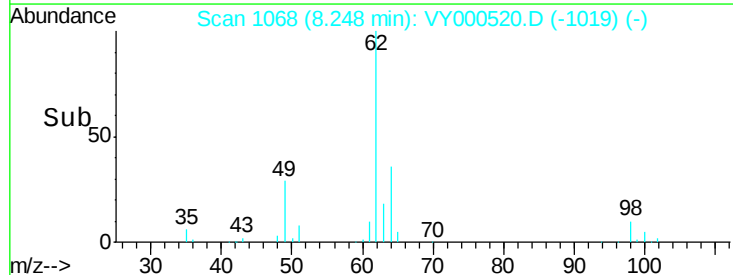
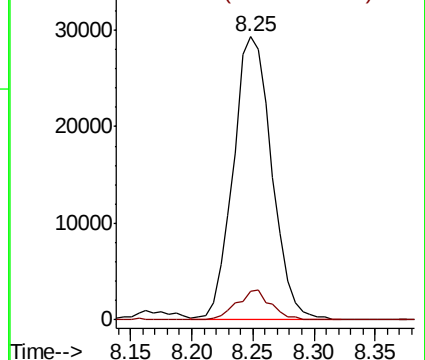


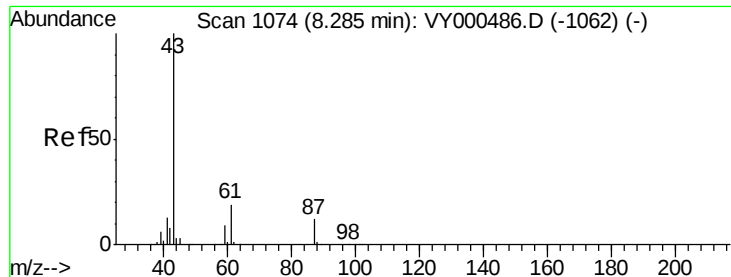
#42
1,2-Dichloroethane
Concen: 20.254 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion: 62 Resp: 63974
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.2



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



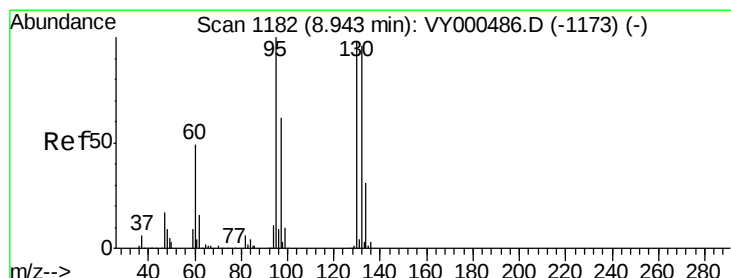
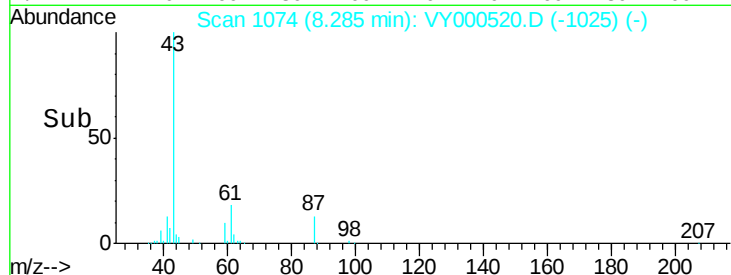
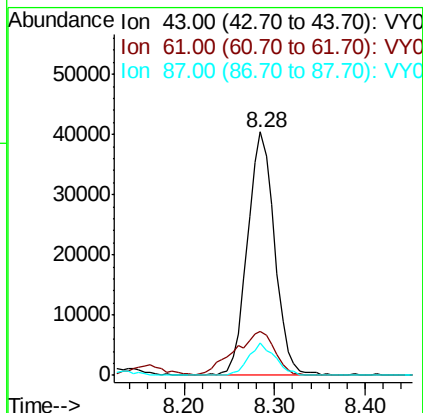
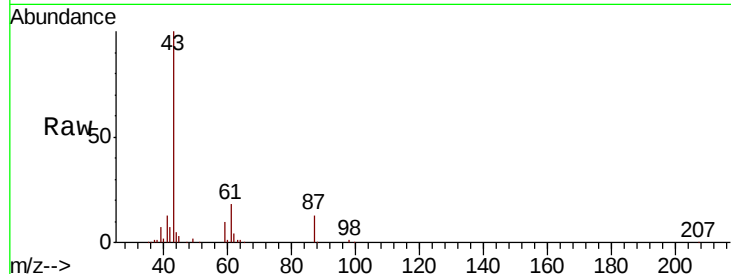


#43

Isopropyl Acetate
 Concen: 19.675 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Instrument :
 MSVOA_Y
 ClientSampleId :

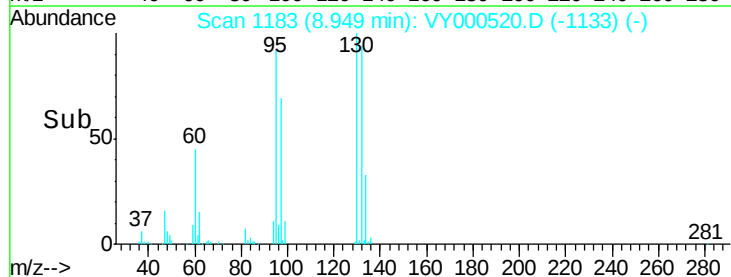
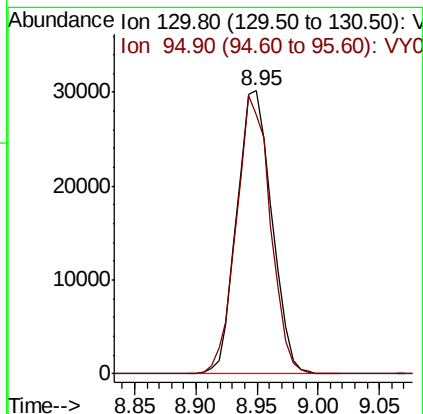
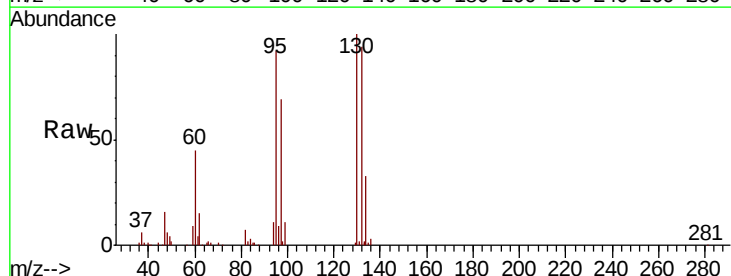
Tot Ion	43	Resp	83352
Ion Ratio	Lower	Upper	
43	100		
61	27.3	23.0	34.4
87	12.9	10.5	15.7

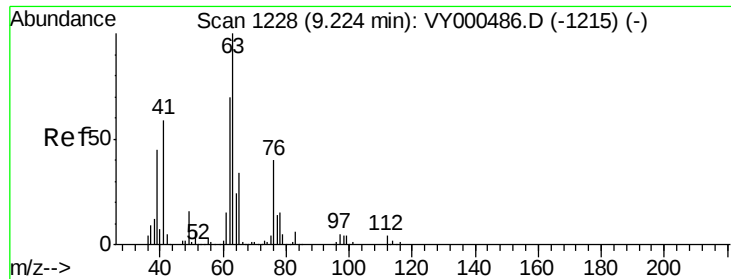


#44

Trichloroethene
 Concen: 20.436 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Tgt Ion	130	Resp	60005
Ion Ratio	Lower	Upper	
130	100		
95	91.5	0.0	203.2





#45

1,2-Dichloropropane

Concen: 20.335 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

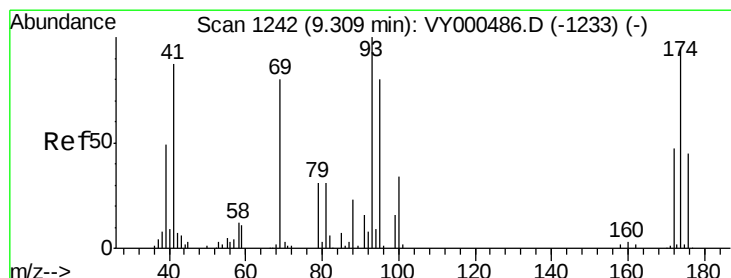
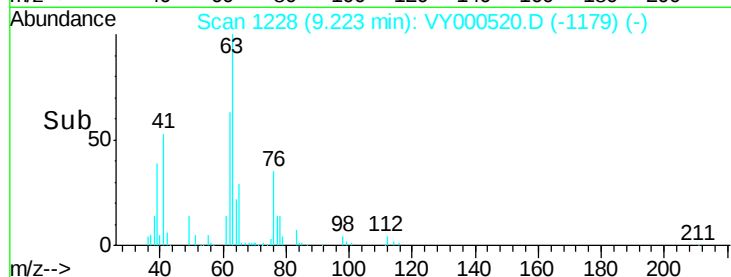
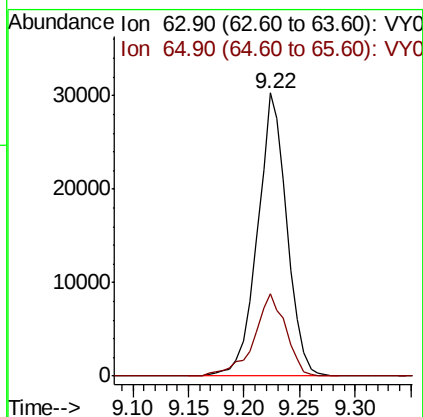
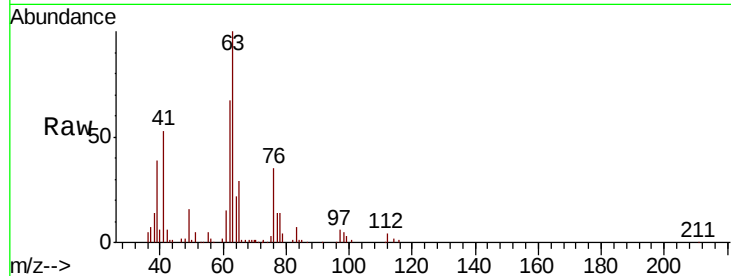
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 63 Resp: 55736

Ion Ratio Lower Upper

63 100

65 29.2 27.0 40.4



#46

Dibromomethane

Concen: 19.865 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

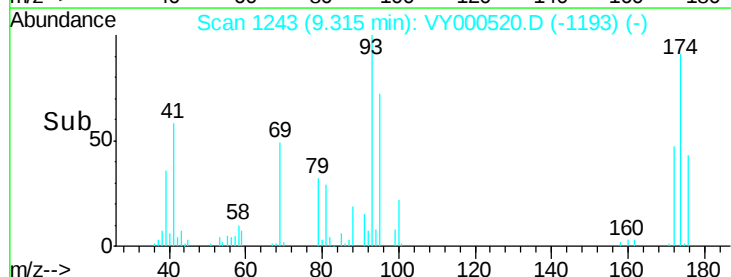
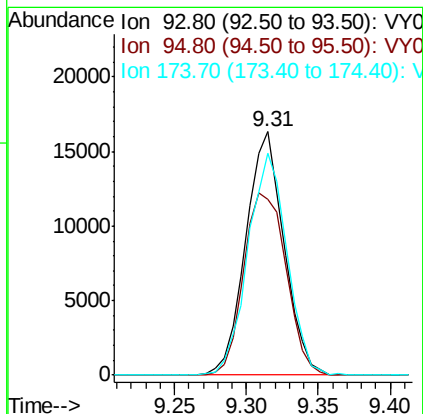
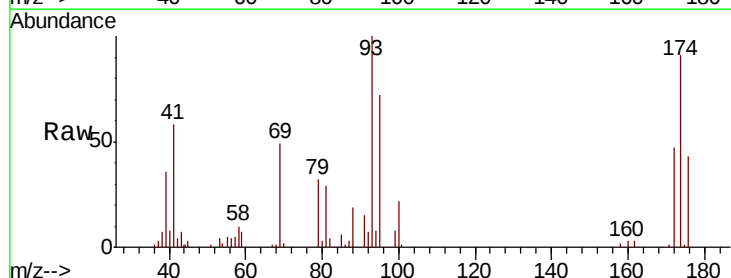
Tgt Ion: 93 Resp: 29944

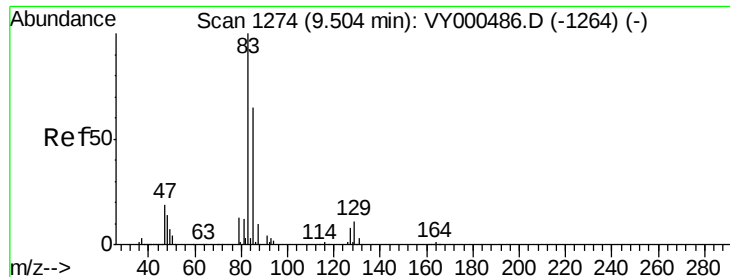
Ion Ratio Lower Upper

93 100

95 83.2 66.4 99.6

174 93.0 77.1 115.7





#47

Bromodichloromethane

Concen: 19.620 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :

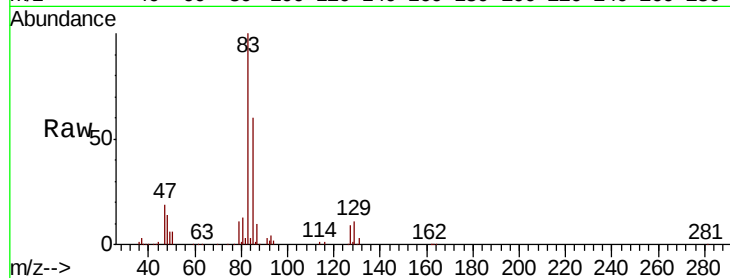
Tot Ion: 83 Resp: 70176

Ion Ratio Lower Upper

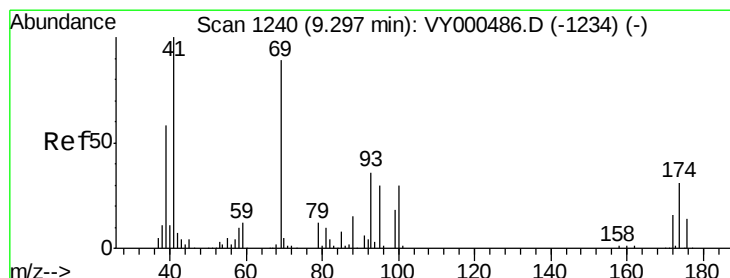
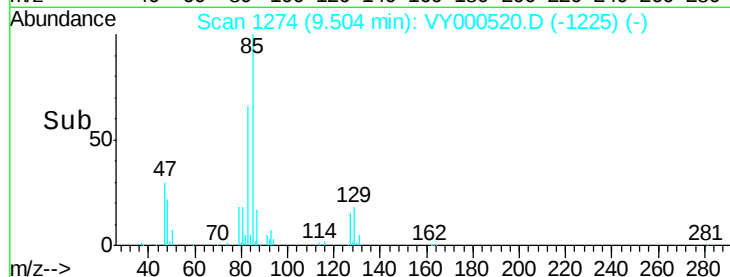
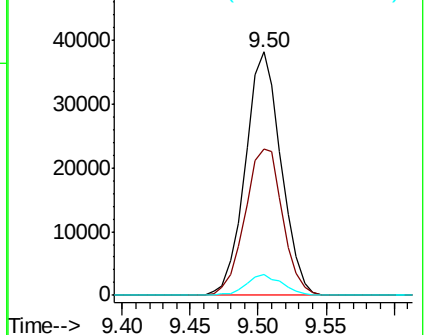
83 100

85 60.0 51.8 77.8

127 8.8 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: 19.657 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

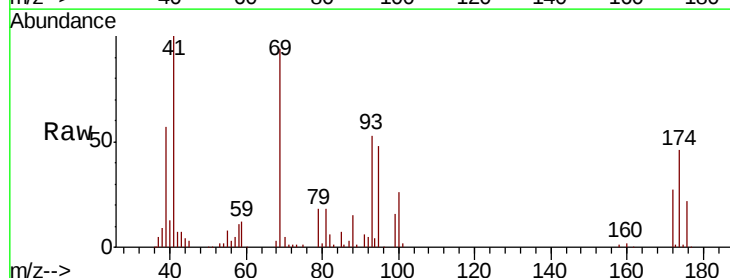
Tgt Ion: 41 Resp: 36385

Ion Ratio Lower Upper

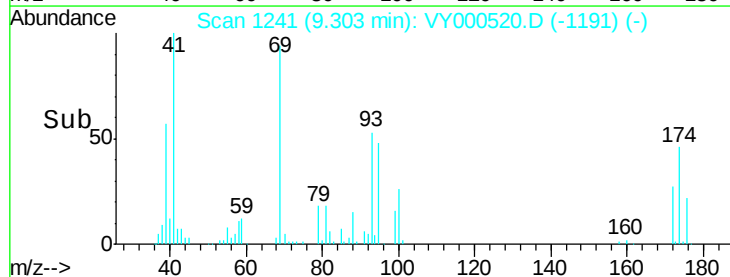
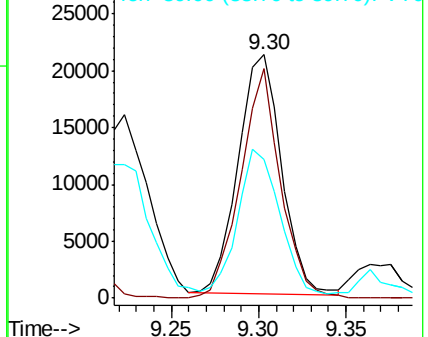
41 100

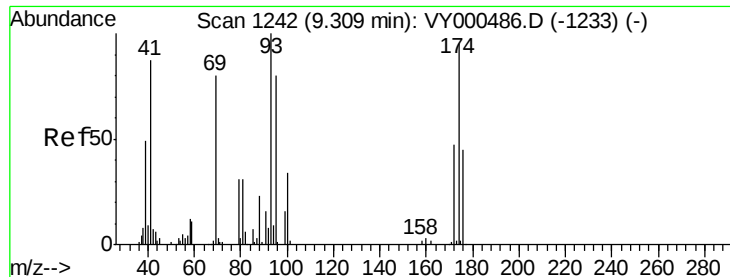
69 88.0 72.5 108.7

39 61.9 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: 380.928 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :

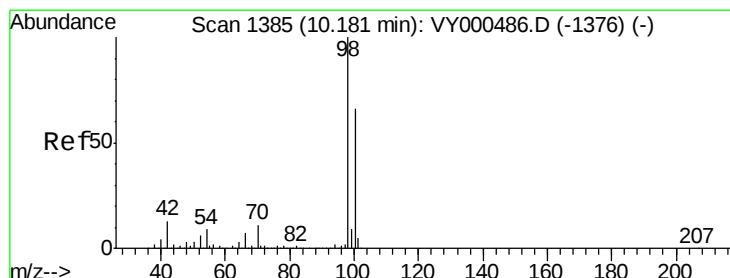
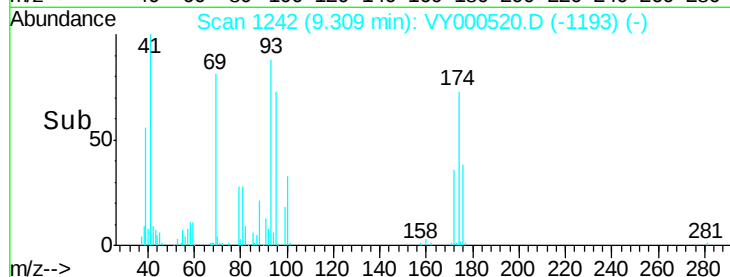
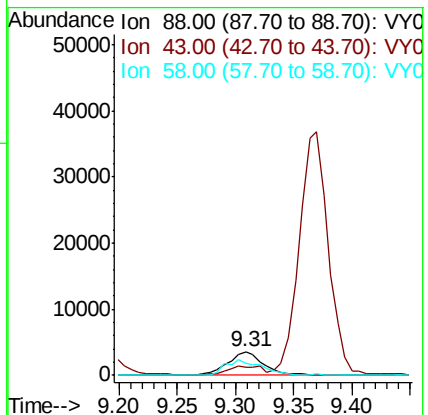
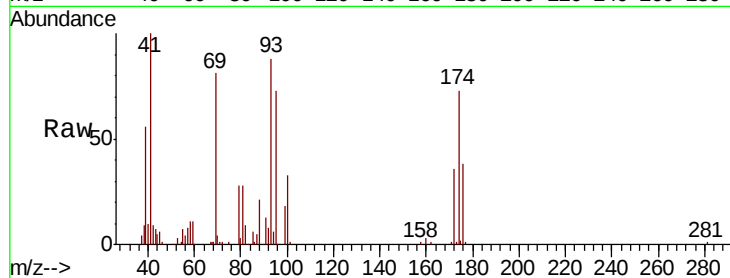
Tot Ion: 88 Resp: 7728

Ion Ratio Lower Upper

88 100

43 33.9 25.1 37.7

58 68.5 50.6 75.8



#50

Toluene-d8

Concen: 52.726 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VY000520.D

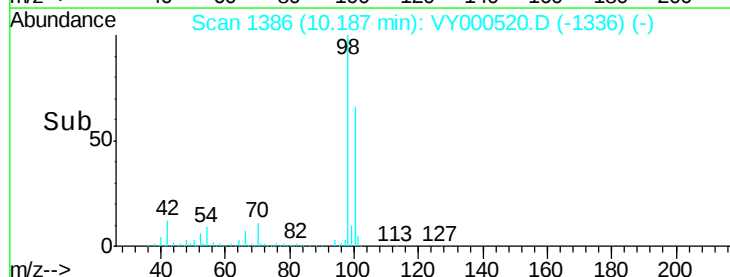
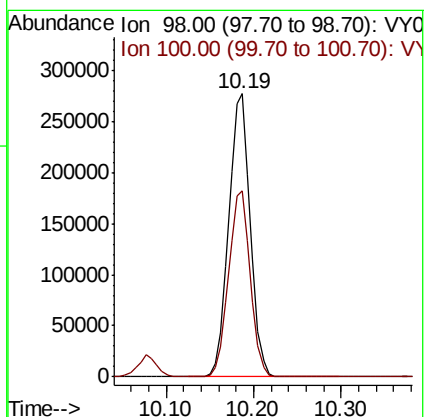
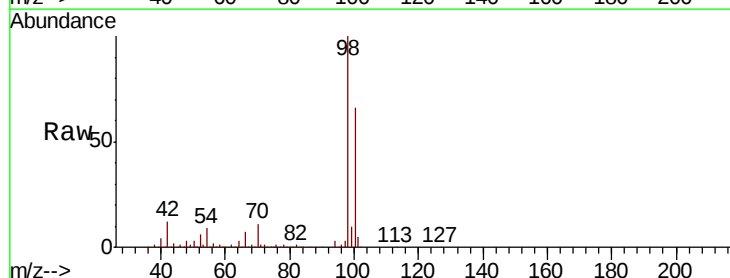
Acq: 01 Nov 2019 12:27

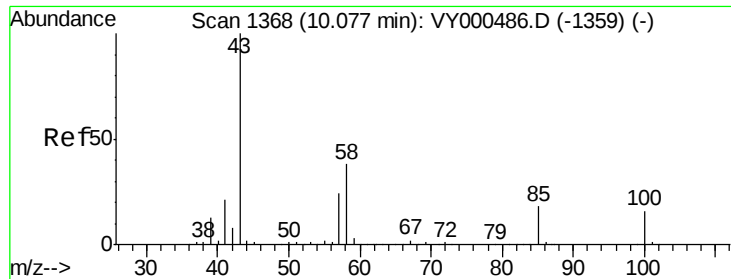
Tgt Ion: 98 Resp: 471945

Ion Ratio Lower Upper

98 100

100 66.4 52.9 79.3

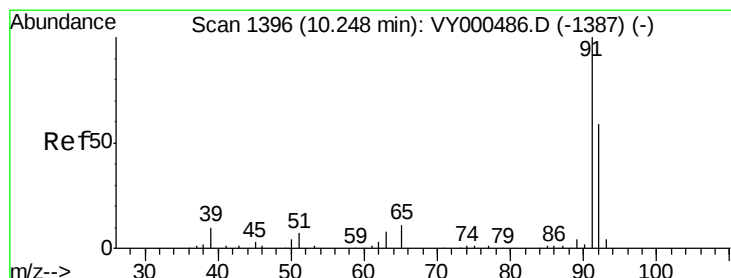
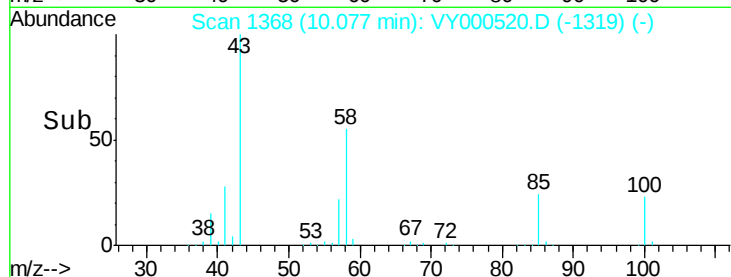
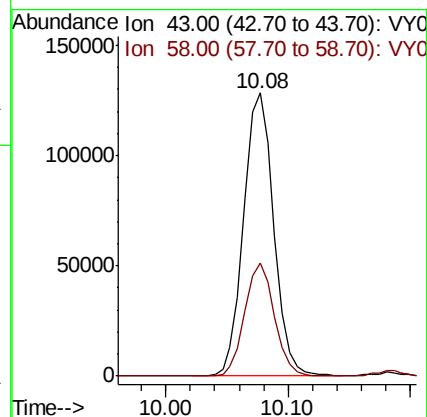
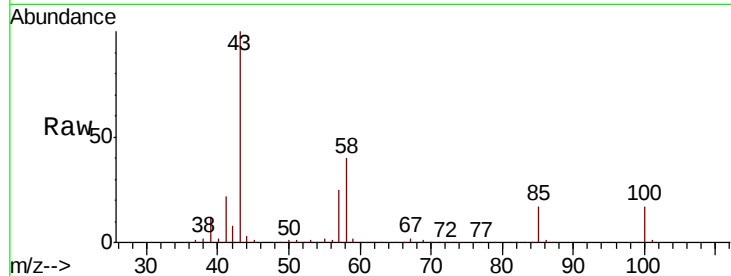




#51
4-Methyl-2-Pentanone
Concen: 97.292 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

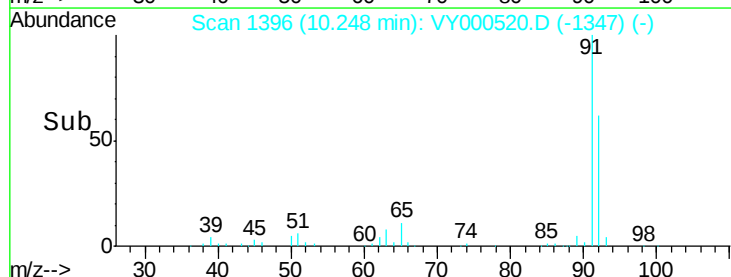
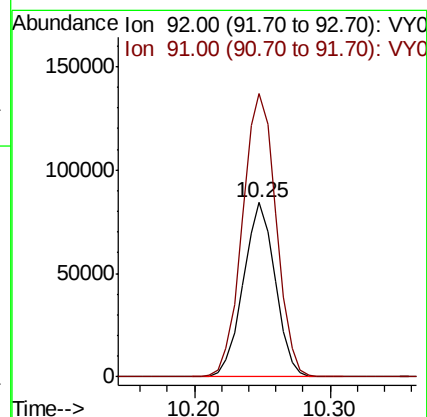
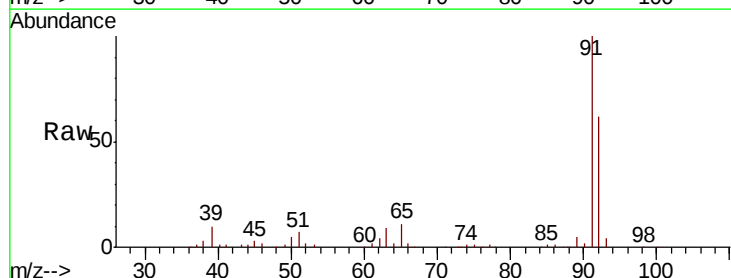
Instrument :
MSVOA_Y
ClientSampled :

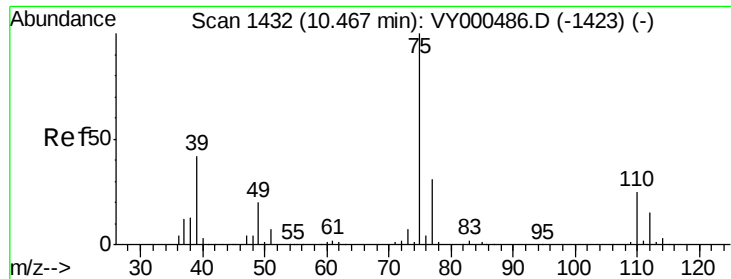
Tot Ion: 43 Resp: 219142
Ion Ratio Lower Upper
43 100
58 39.3 30.2 45.4



#52
Toluene
Concen: 19.676 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion: 92 Resp: 138534
Ion Ratio Lower Upper
92 100
91 170.6 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 19.832 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

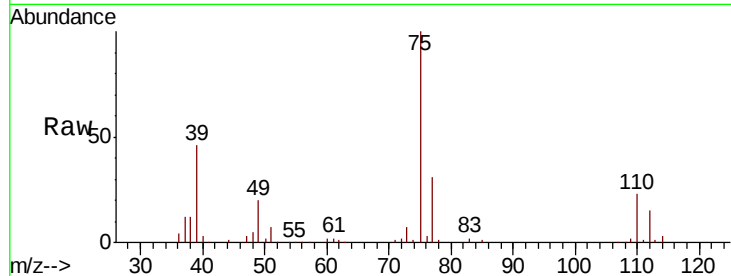
ClientSampled :

Tot Ion: 75 Resp: 75794

Ion Ratio Lower Upper

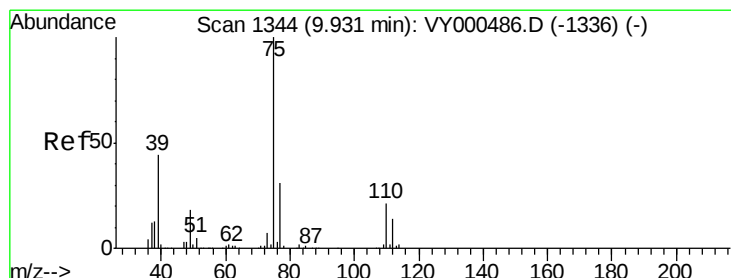
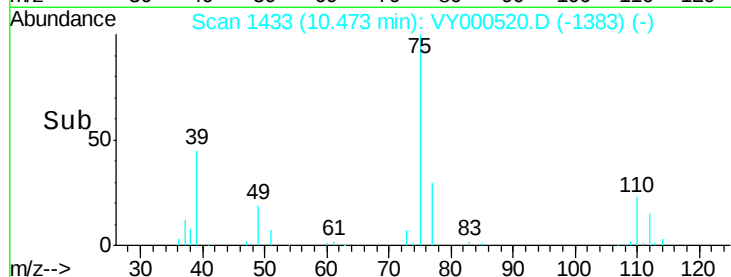
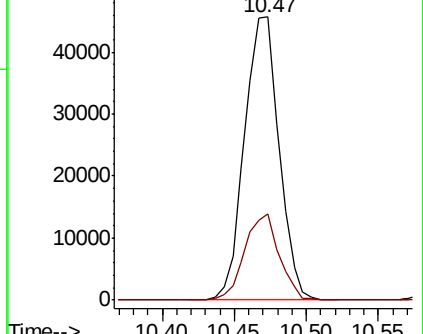
75 100

77 30.5 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.111 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

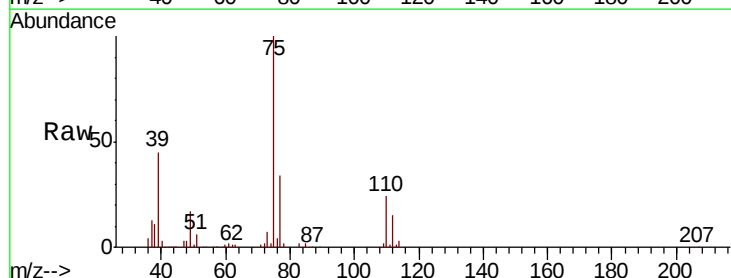
Tgt Ion: 75 Resp: 88048

Ion Ratio Lower Upper

75 100

77 33.7 24.5 36.7

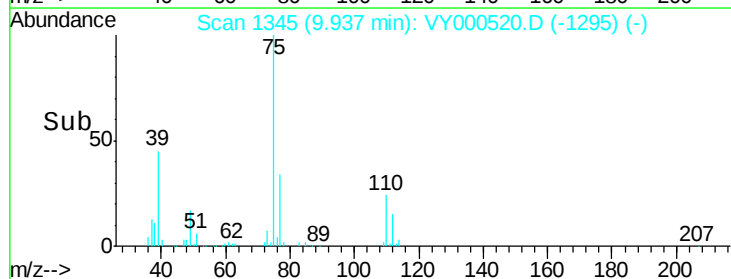
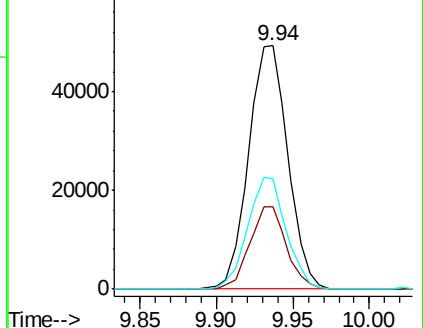
39 45.2 35.4 53.2

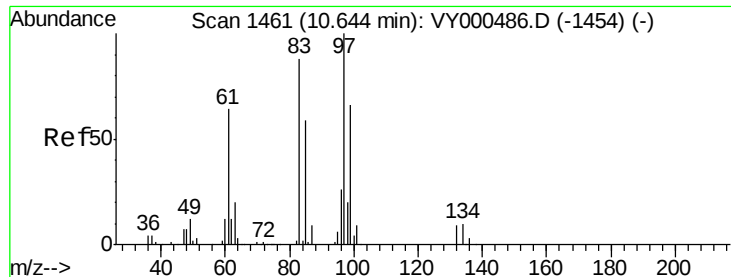


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 19.580 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 42689

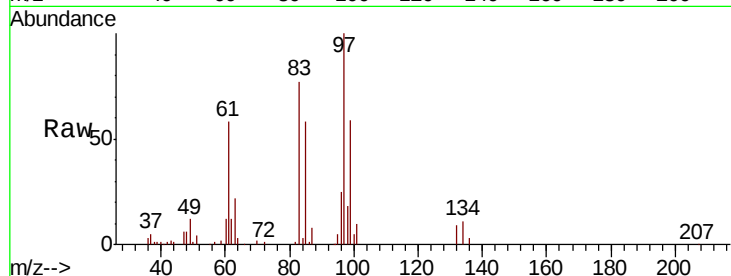
Ion Ratio Lower Upper

97 100

83 76.9 70.2 105.4

85 57.9 46.9 70.3

99 58.6 52.6 78.8



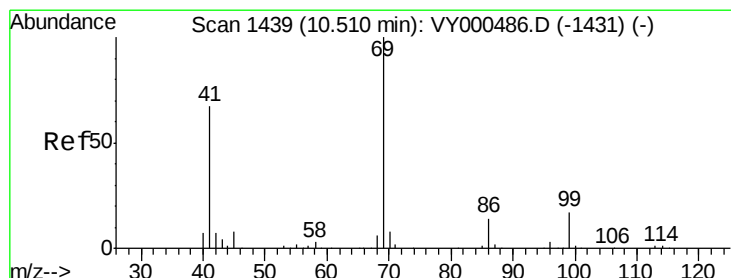
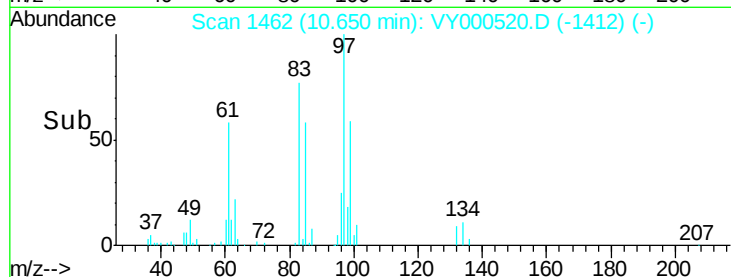
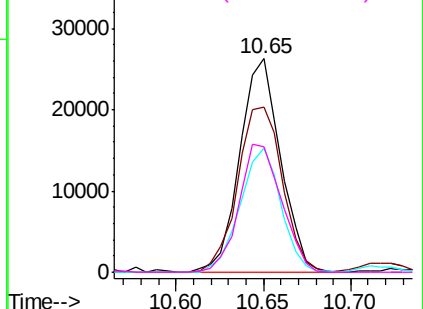
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 19.507 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

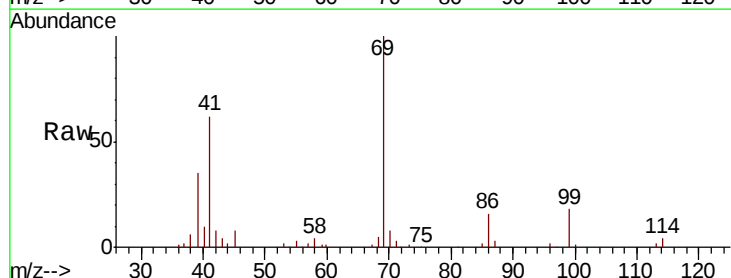
Tgt Ion: 69 Resp: 60279

Ion Ratio Lower Upper

69 100

41 66.3 53.3 79.9

39 37.6 28.0 42.0

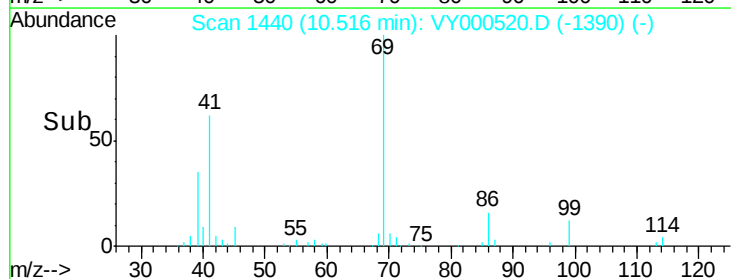
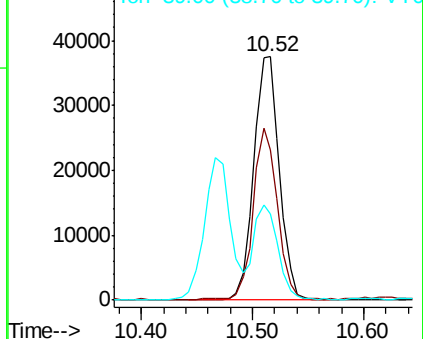


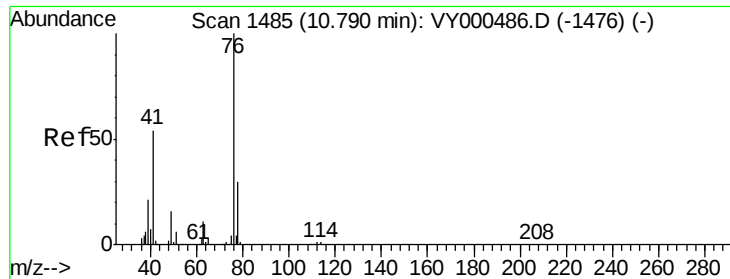
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 19.543 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

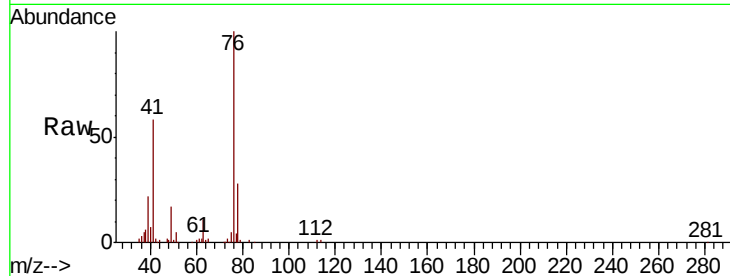
ClientSampled :

Tot Ion: 76 Resp: 74574

Ion Ratio Lower Upper

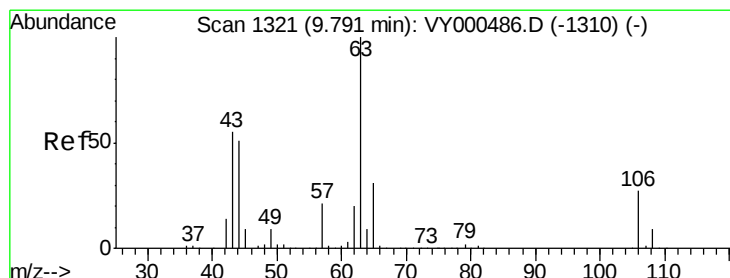
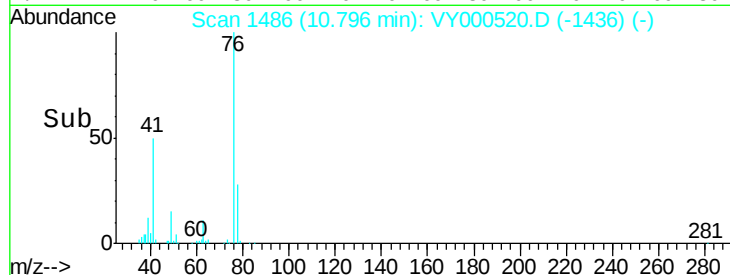
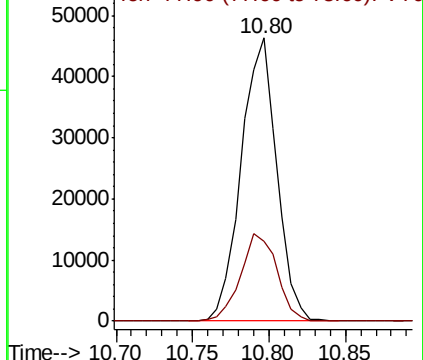
76 100

78 31.9 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 98.248 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000520.D

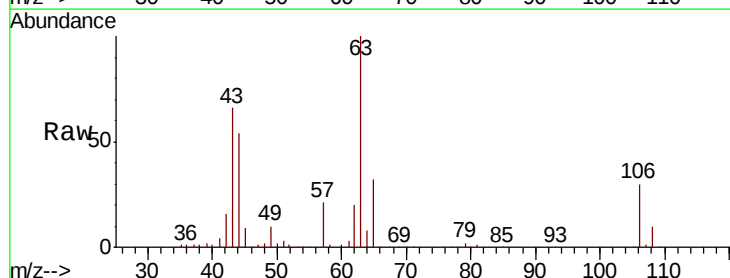
Acq: 01 Nov 2019 12:27

Tgt Ion: 63 Resp: 137256

Ion Ratio Lower Upper

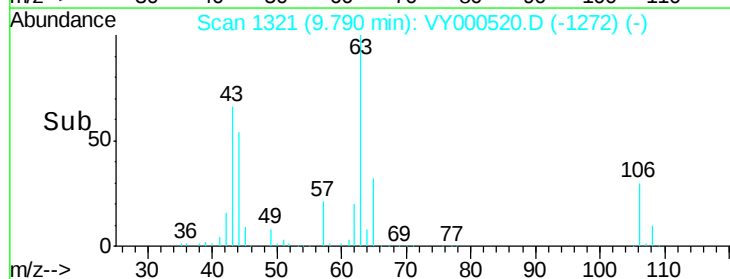
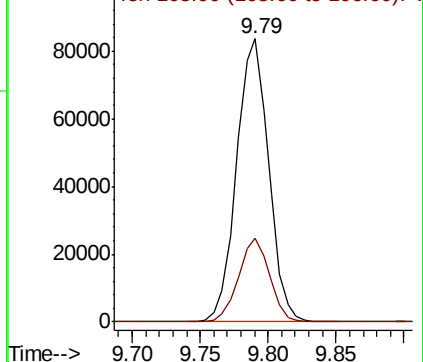
63 100

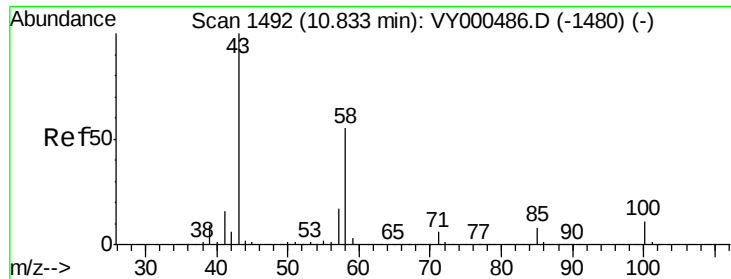
106 28.6 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

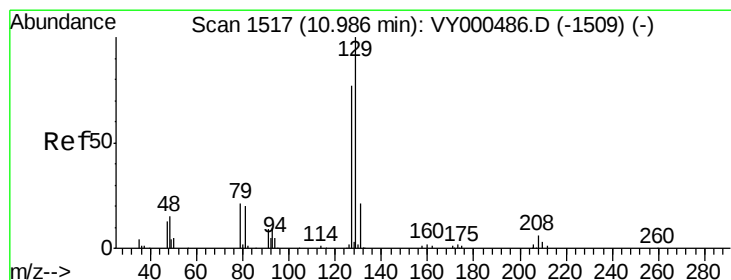
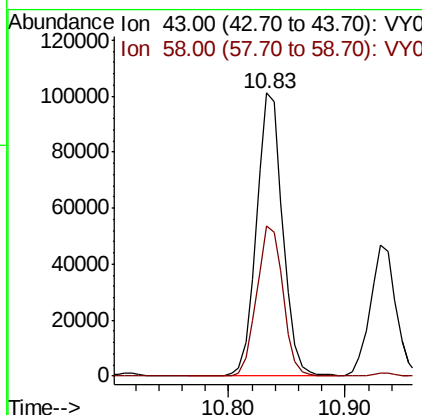
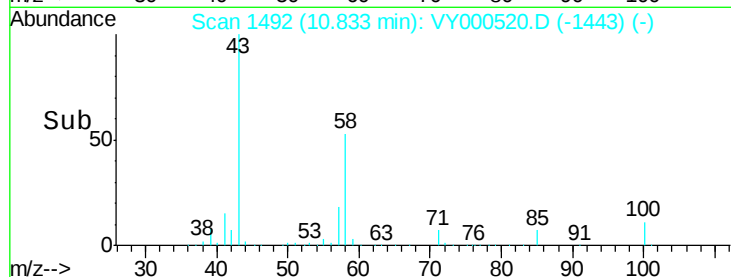
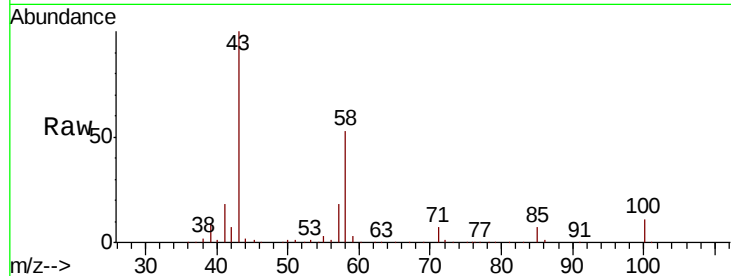




#59
2-Hexanone
Concen: 96.666 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

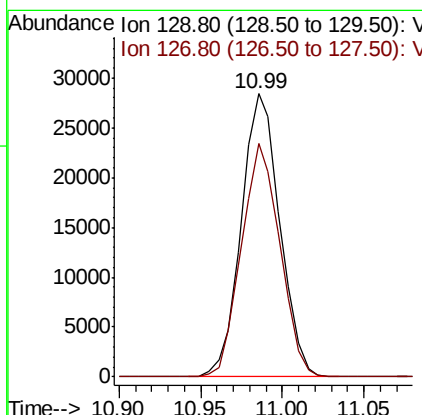
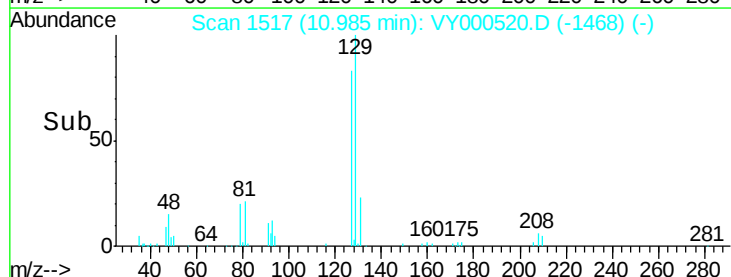
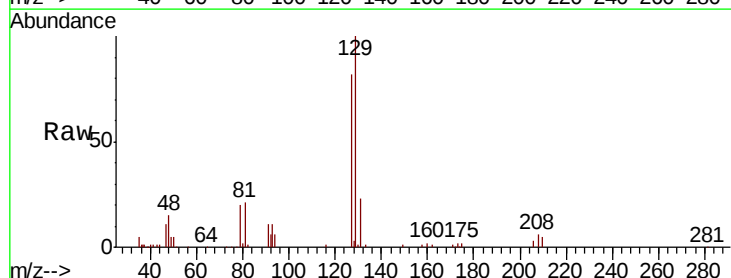
Instrument :
MSVOA_Y
ClientSampled :

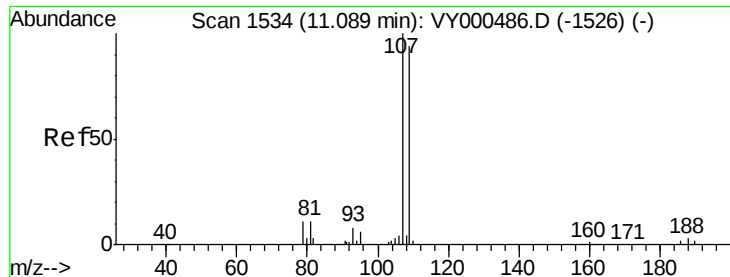
Tot Ion: 43 Resp: 158638
Ion Ratio Lower Upper
43 100
58 53.5 27.1 81.3



#60
Dibromochloromethane
Concen: 18.642 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion: 129 Resp: 46554
Ion Ratio Lower Upper
129 100
127 82.6 39.1 117.2

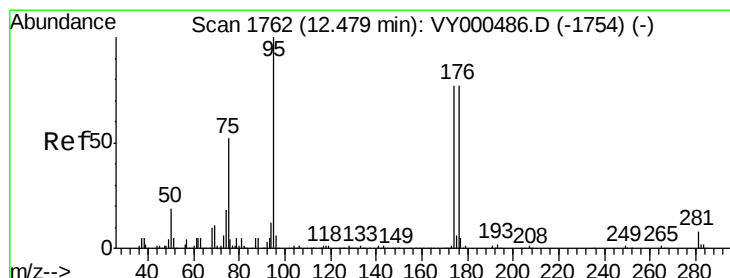
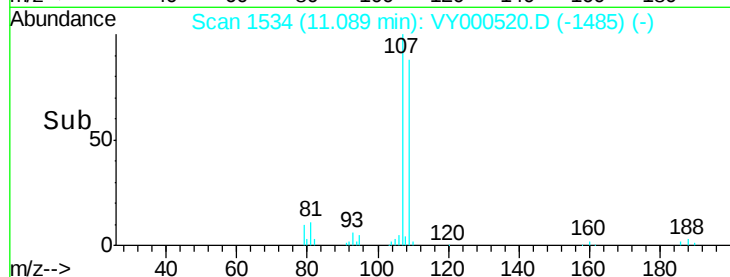
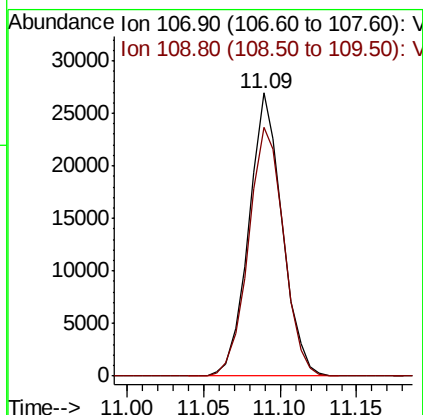
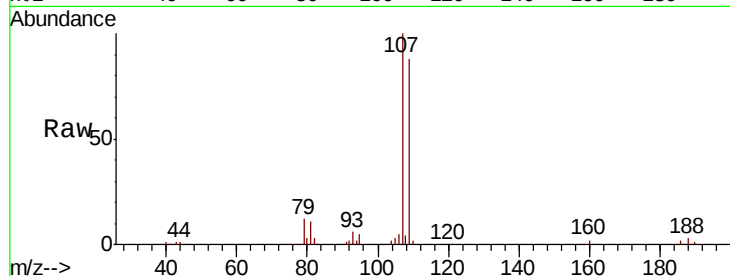




#61
 1,2-Dibromoethane
 Concen: 19.505 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

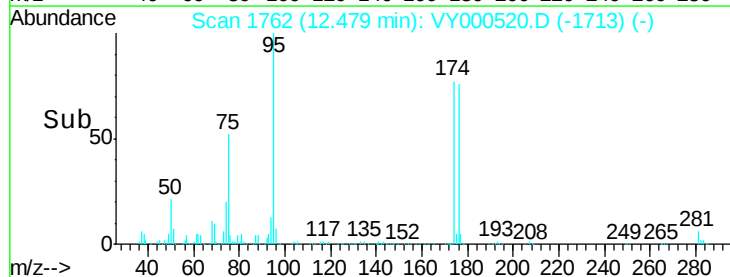
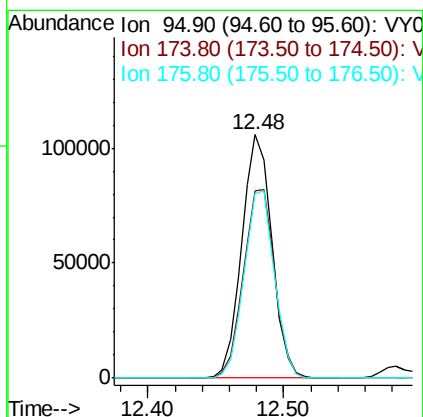
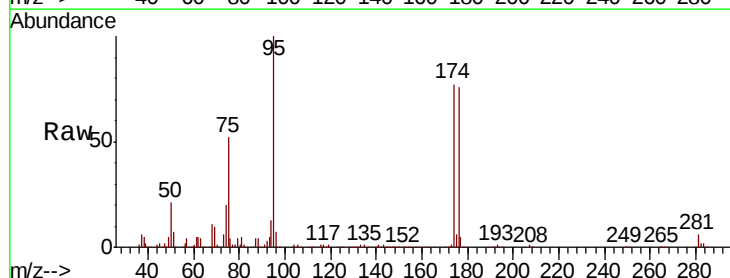
Instrument :
 MSVOA_Y
 ClientSampled :

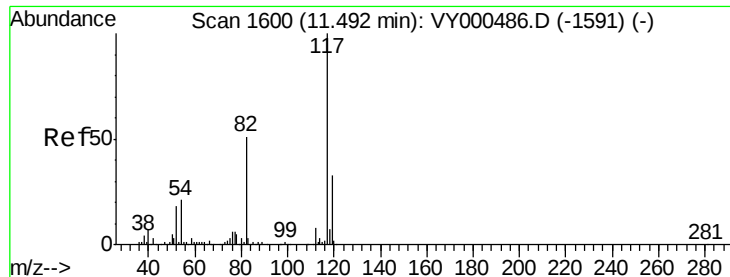
Tot Ion: 107 Resp: 40889
 Ion Ratio Lower Upper
 107 100
 109 92.6 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 48.024 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Tgt Ion: 95 Resp: 163644
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 161.6
 176 78.3 0.0 157.8

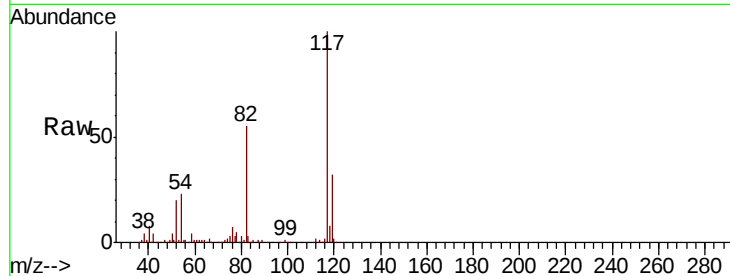




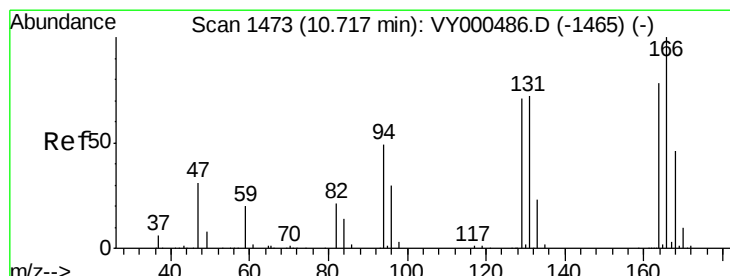
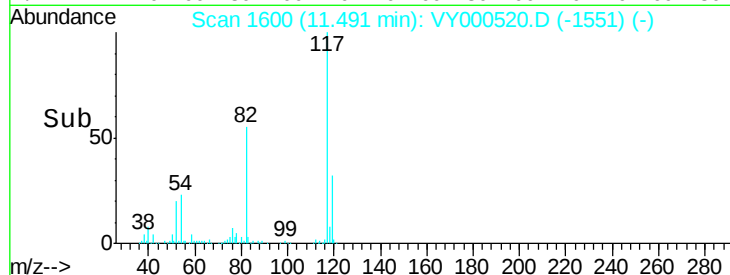
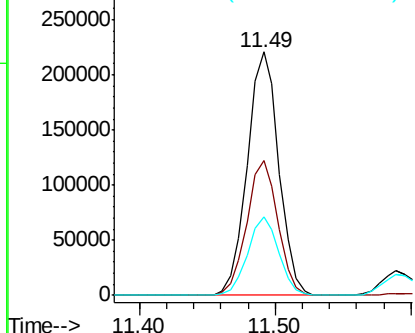
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 358568
Ion Ratio Lower Upper
117 100
82 55.2 40.8 61.2
119 32.1 26.2 39.2

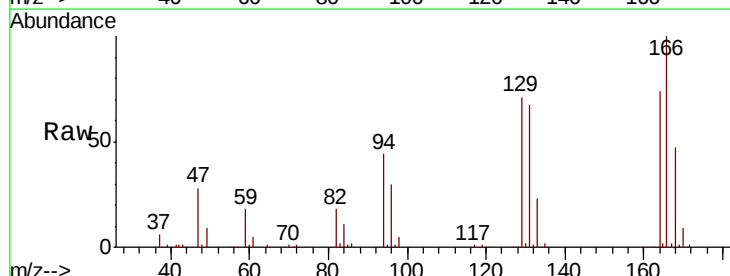


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

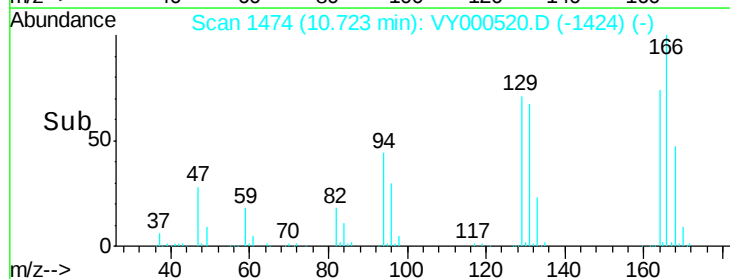
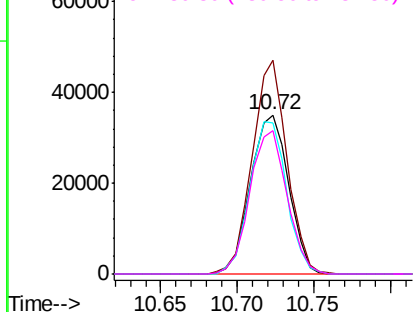


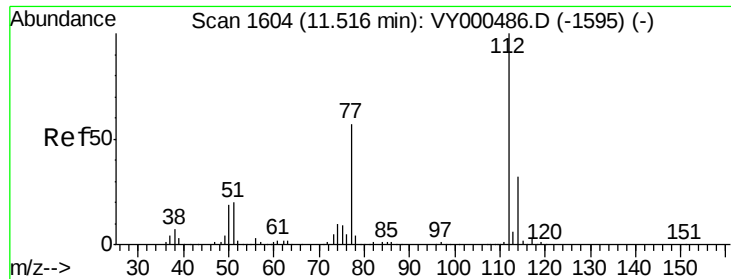
#64
Tetrachloroethene
Concen: 20.550 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion:164 Resp: 60930
Ion Ratio Lower Upper
164 100
166 134.4 102.7 154.1
129 95.1 73.2 109.8
131 90.4 74.2 111.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

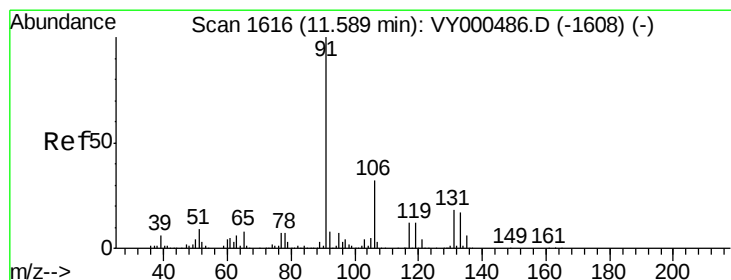
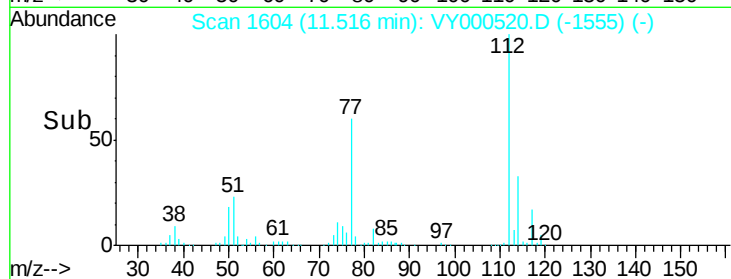
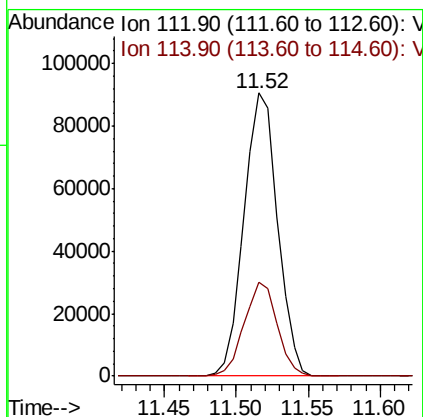
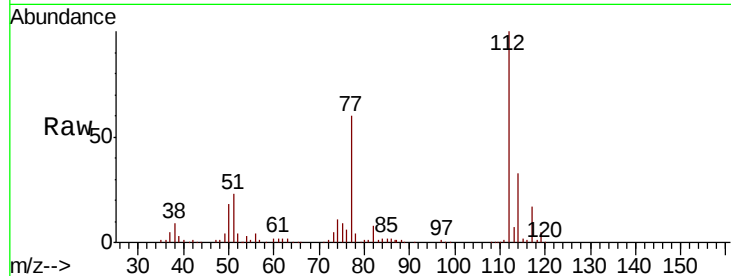




#65
Chlorobenzene
Concen: 20.142 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

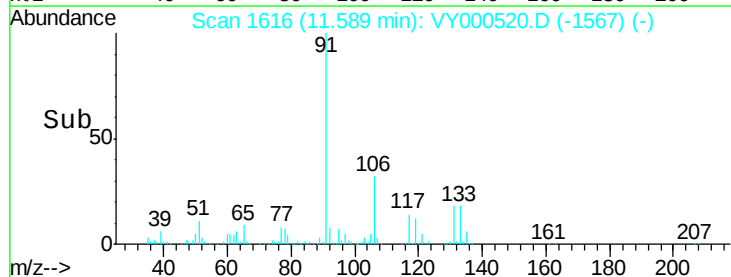
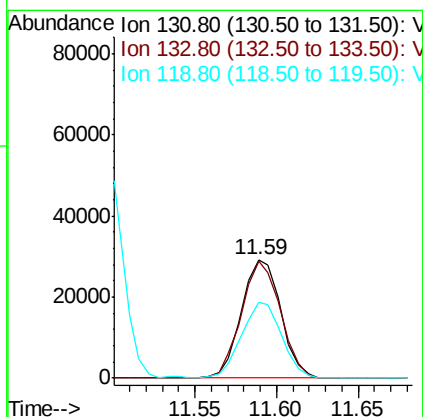
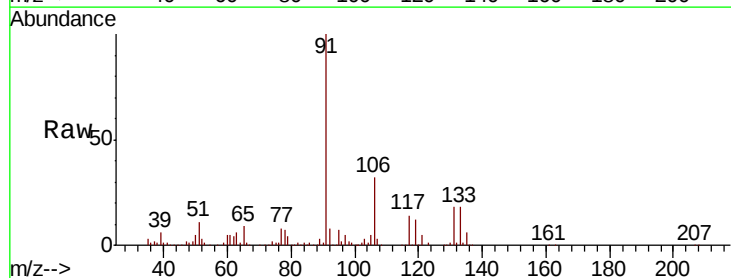
Instrument :
MSVOA_Y
ClientSampled :

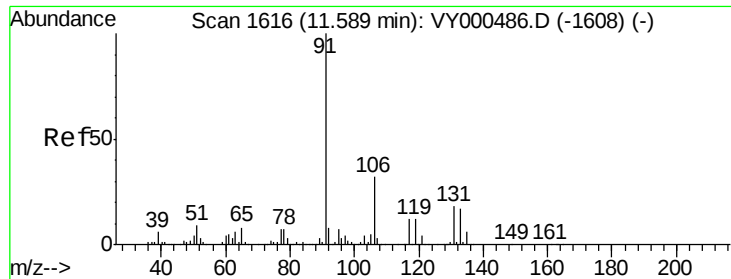
Tot Ion:112 Resp: 146431
Ion Ratio Lower Upper
112 100
114 33.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.411 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion:131 Resp: 48941
Ion Ratio Lower Upper
131 100
133 97.7 47.9 143.8
119 65.2 33.1 99.3





#67

Ethyl Benzene

Concen: 19.934 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

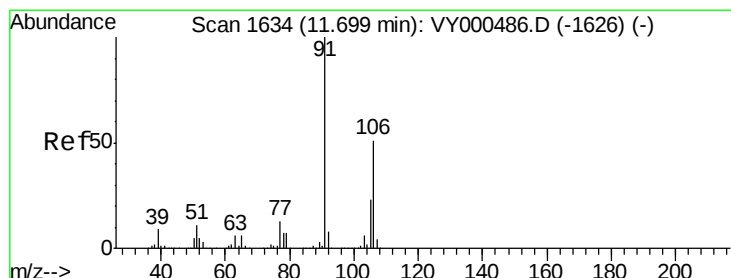
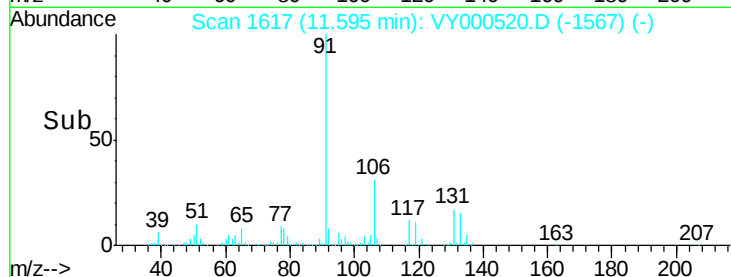
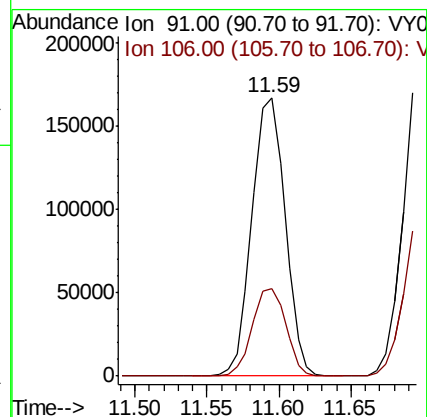
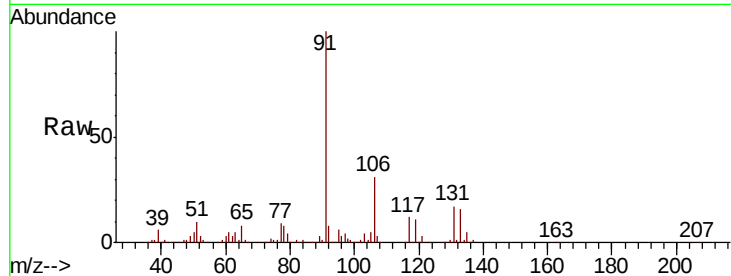
ClientSampleId :

Tot Ion: 91 Resp: 266716

Ion Ratio Lower Upper

91 100

106 31.3 25.4 38.0



#68

m/p-Xylenes

Concen: 40.498 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY000520.D

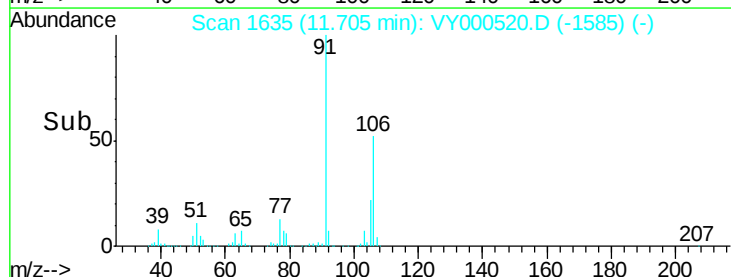
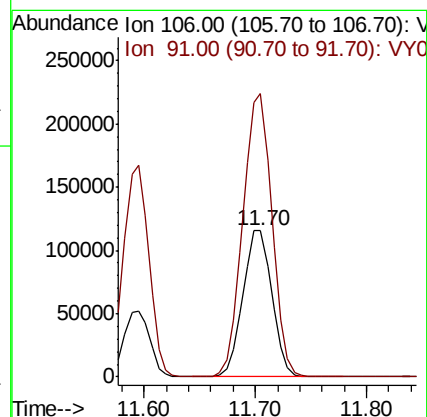
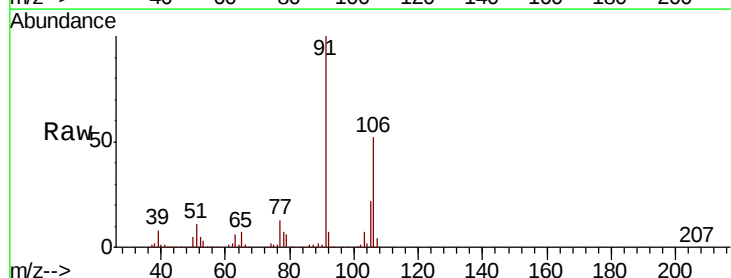
Acq: 01 Nov 2019 12:27

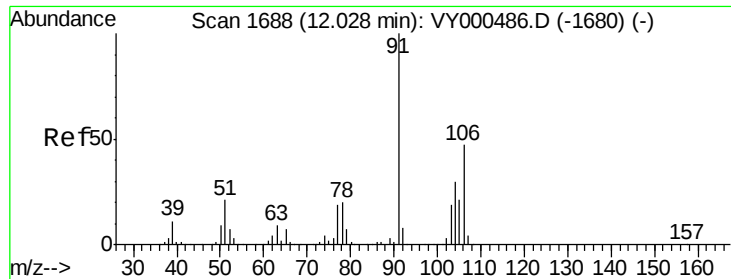
Tgt Ion: 106 Resp: 209717

Ion Ratio Lower Upper

106 100

91 193.8 155.9 233.9

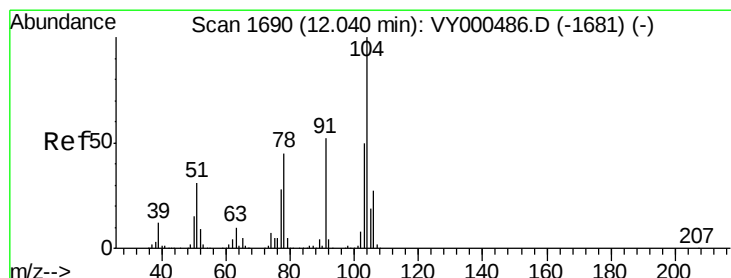
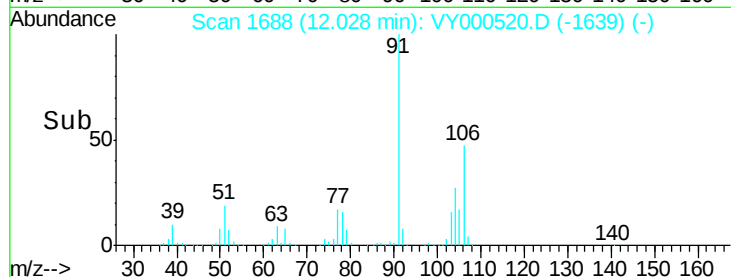
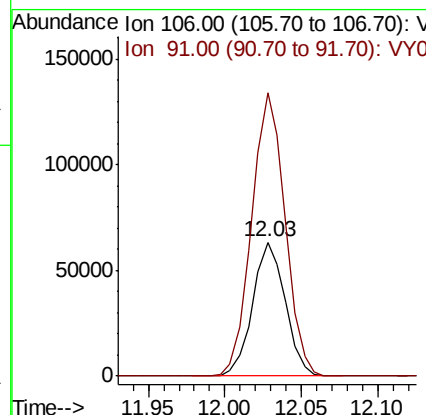
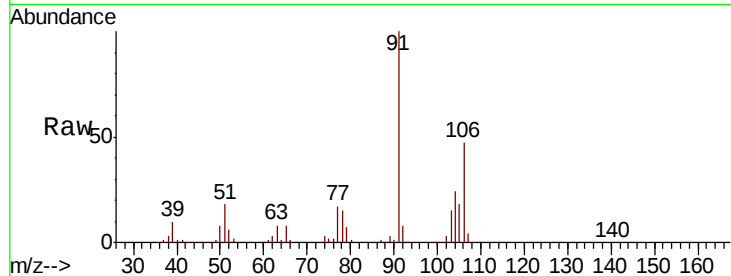




#69
o-Xylene
Concen: 19.231 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

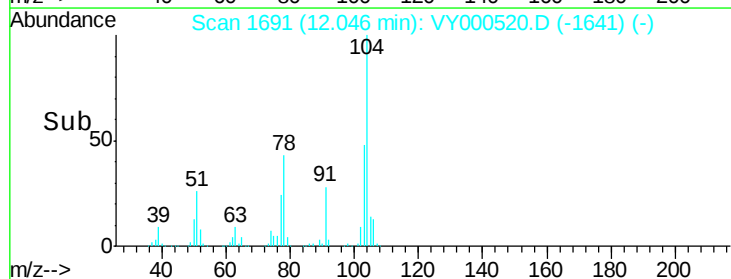
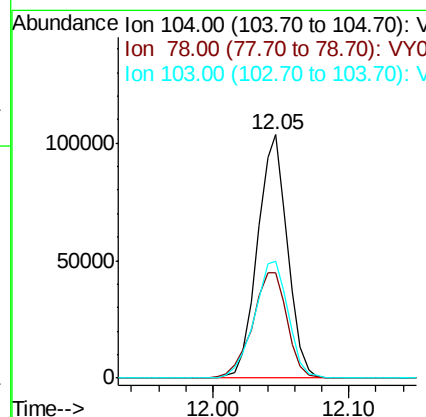
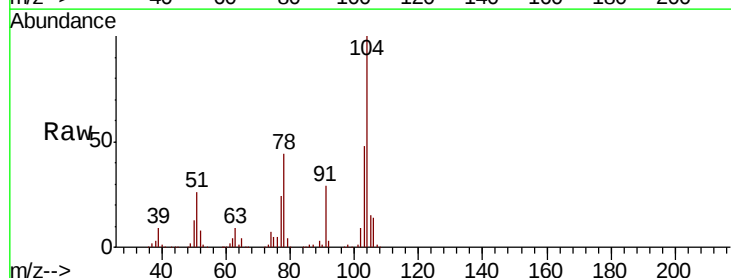
Instrument :
MSVOA_Y
ClientSampled :

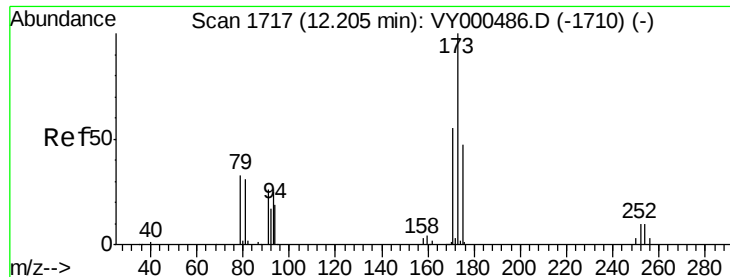
Tot Ion:106 Resp: 93595
Ion Ratio Lower Upper
106 100
91 217.4 106.5 319.6



#70
Styrene
Concen: 19.225 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion:104 Resp: 160222
Ion Ratio Lower Upper
104 100
78 50.1 39.0 58.4
103 54.3 42.5 63.7





#71

Bromoform

Concen: 19.466 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampled :

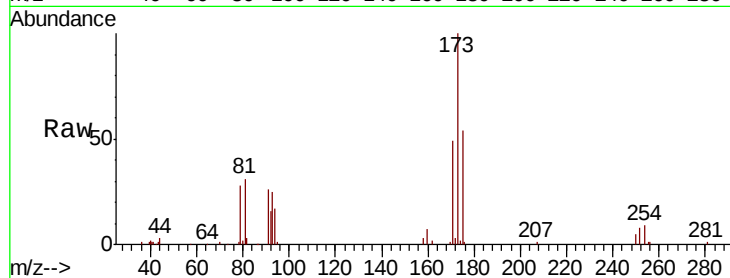
Tot Ion:173 Resp: 28229

Ion Ratio Lower Upper

173 100

175 50.7 24.4 73.2

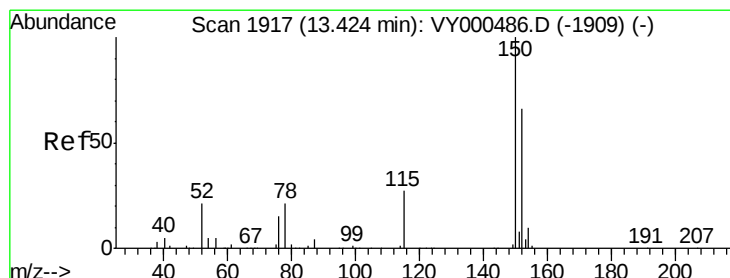
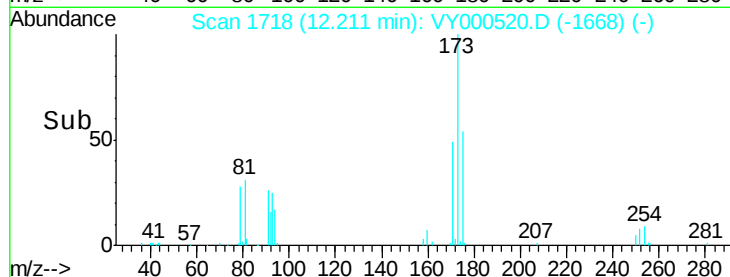
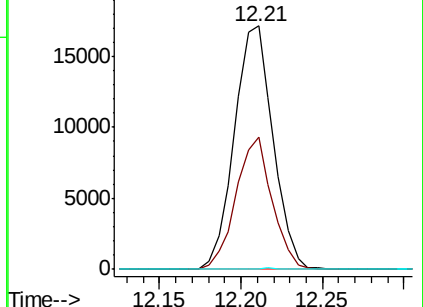
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

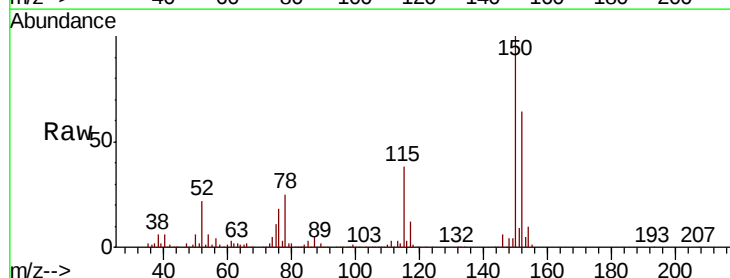
Tgt Ion:152 Resp: 176634

Ion Ratio Lower Upper

152 100

115 58.7 29.1 87.4

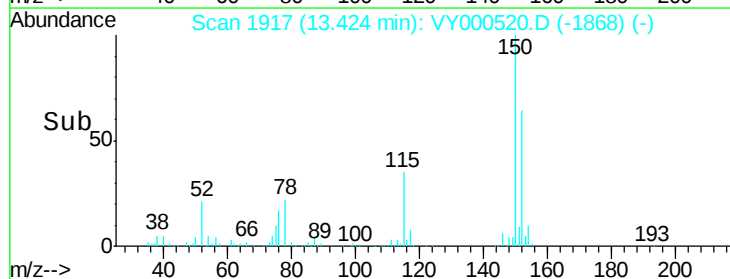
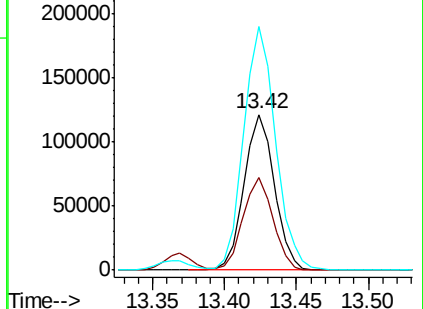
150 164.6 0.0 348.8

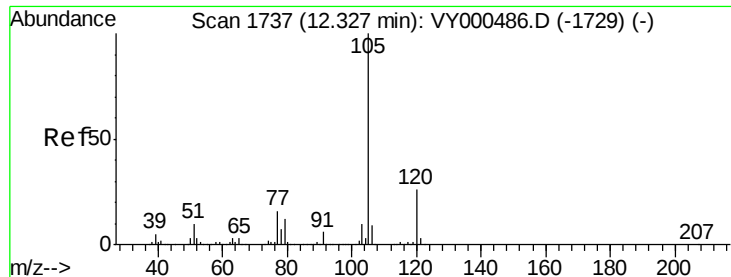


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

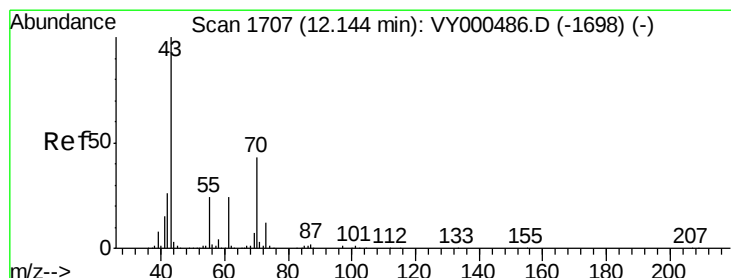
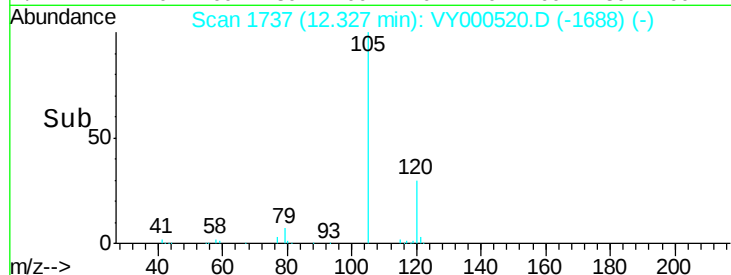
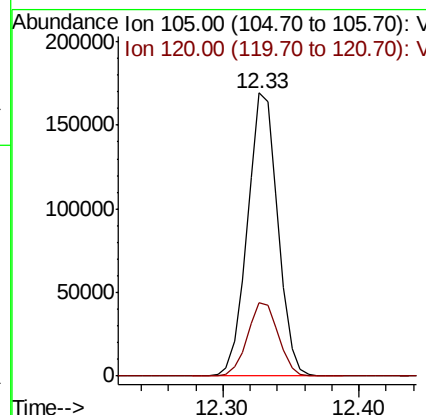
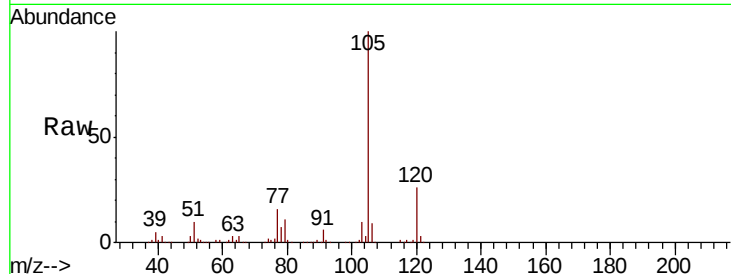




#73
Isopropylbenzene
Concen: 20.131 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

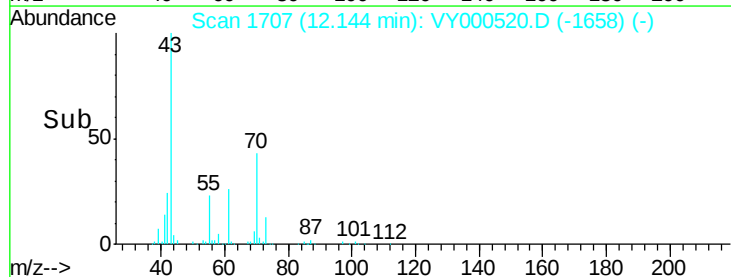
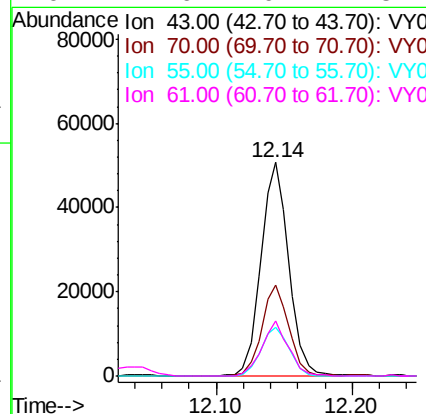
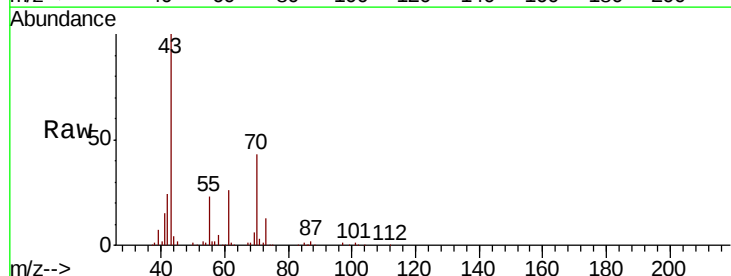
Instrument :
MSVOA_Y
ClientSampleId :

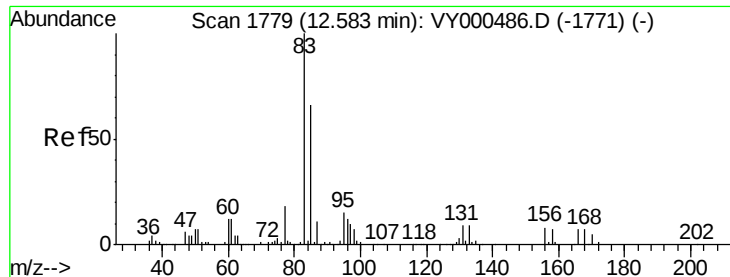
Tot Ion:105 Resp: 262800
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4



#74
N-ethyl acetate
Concen: 19.419 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion: 43 Resp: 72604
Ion Ratio Lower Upper
43 100
70 41.7 33.1 49.7
55 23.4 18.0 27.0
61 24.6 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.903 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

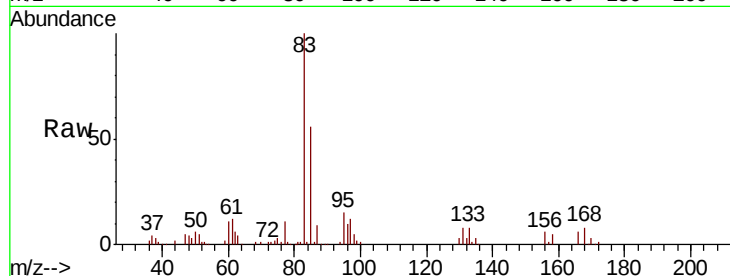
Tot Ion: 83 Resp: 51445

Ion Ratio Lower Upper

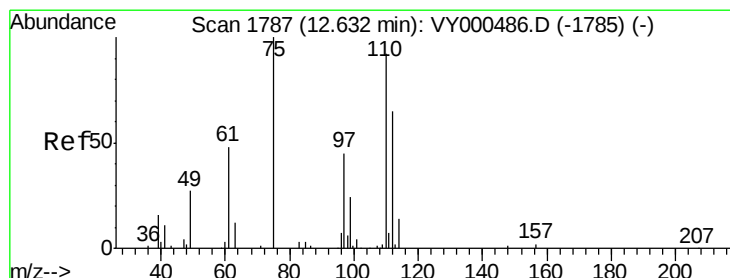
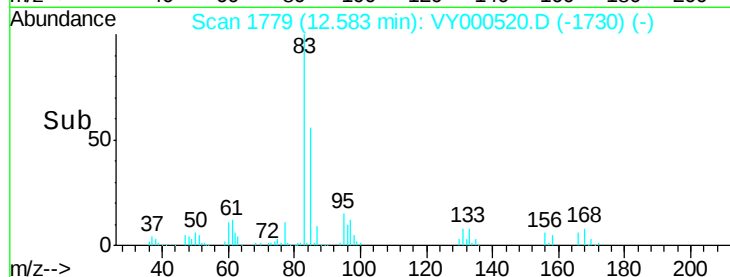
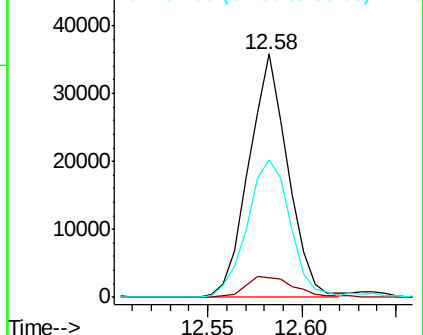
83 100

131 10.6 5.0 14.9

85 63.7 32.3 96.9



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



#76

1,2,3-Trichloropropane

Concen: 35.066 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000520.D

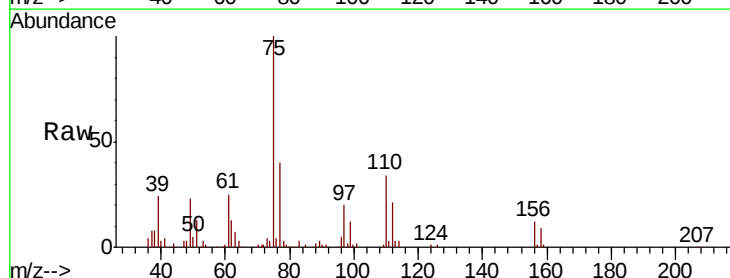
Acq: 01 Nov 2019 12:27

Tgt Ion: 75 Resp: 70526

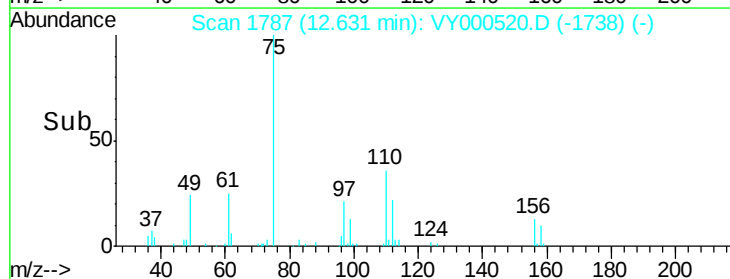
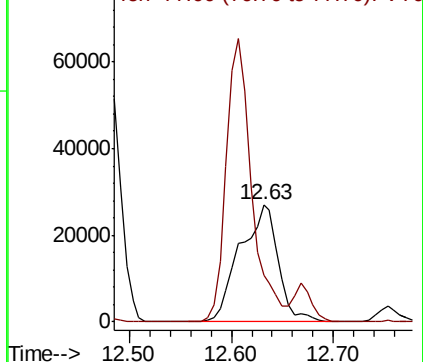
Ion Ratio Lower Upper

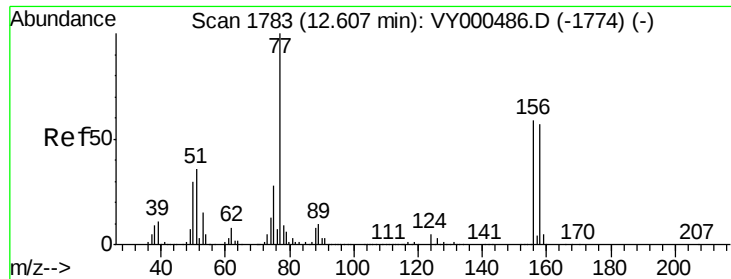
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 20.072 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampled :

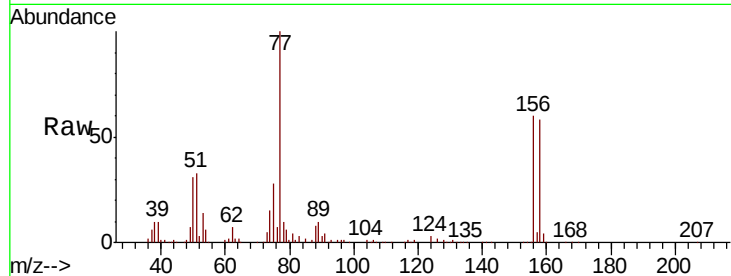
Tot Ion:156 Resp: 59421

Ion Ratio Lower Upper

156 100

77 192.2 98.2 294.4

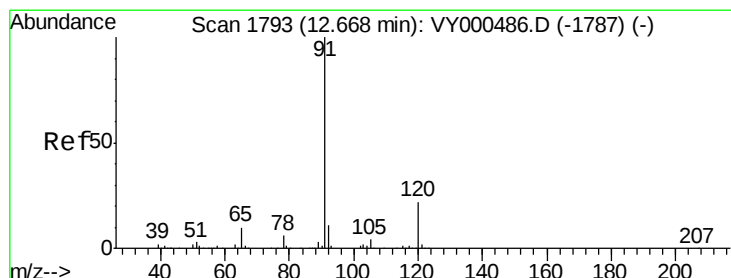
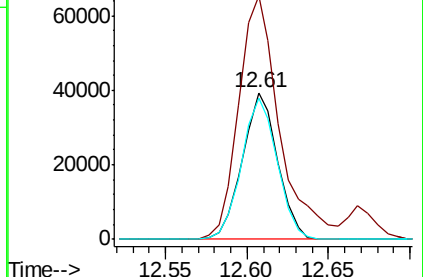
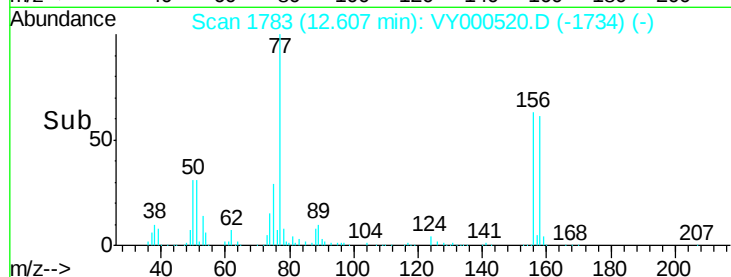
158 97.2 49.6 149.0



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: 20.333 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000520.D

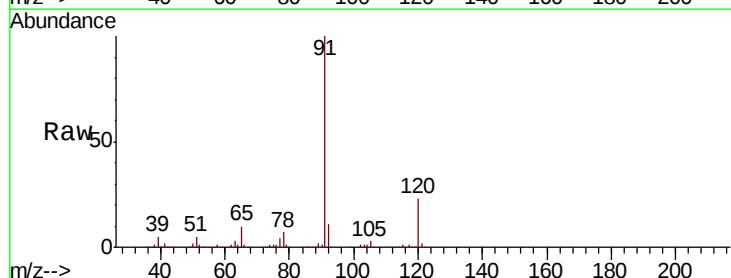
Acq: 01 Nov 2019 12:27

Tgt Ion: 91 Resp: 320268

Ion Ratio Lower Upper

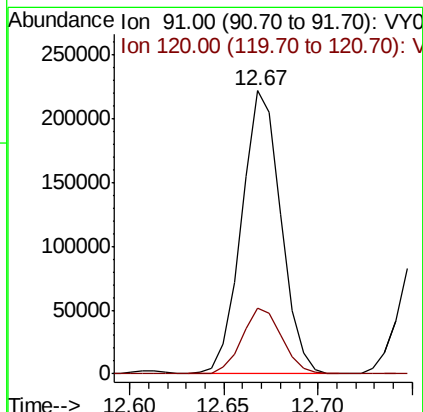
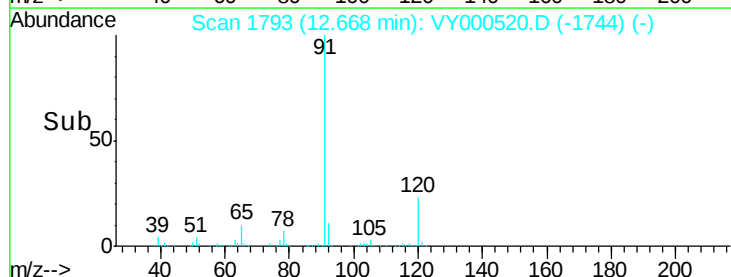
91 100

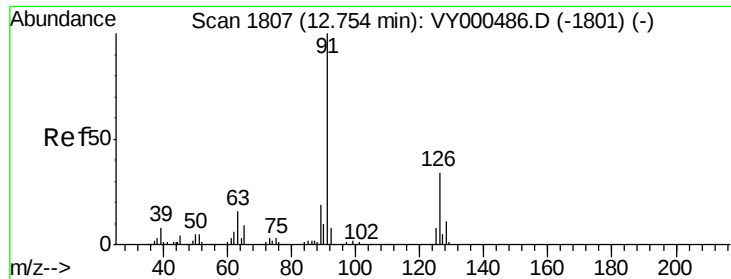
120 23.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.026 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

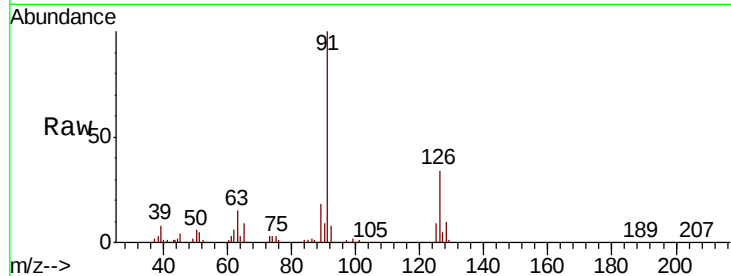
ClientSampled :

Tot Ion: 91 Resp: 175122

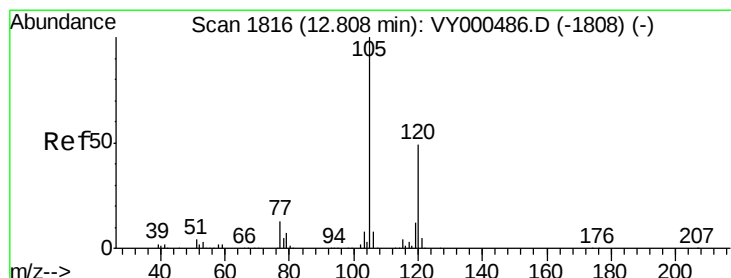
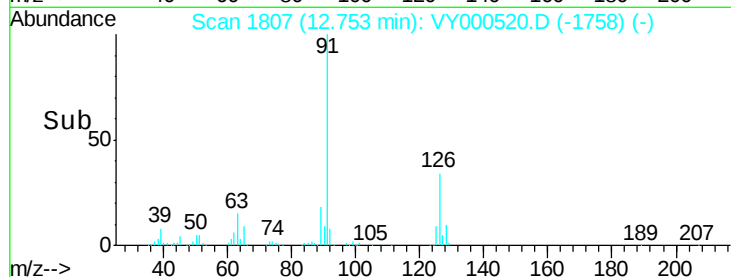
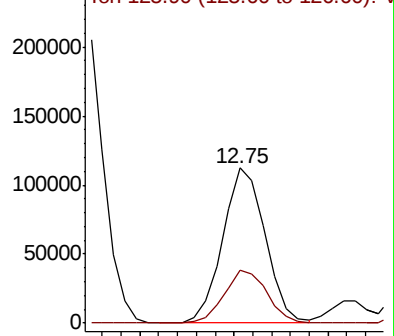
Ion Ratio Lower Upper

91 100

126 34.3 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.216 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000520.D

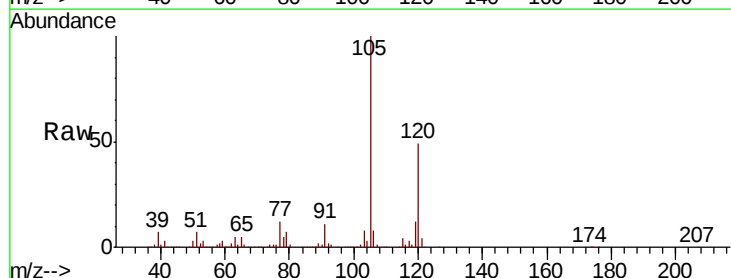
Acq: 01 Nov 2019 12:27

Tgt Ion: 105 Resp: 219799

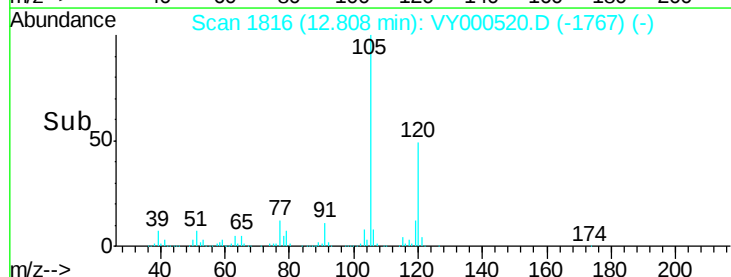
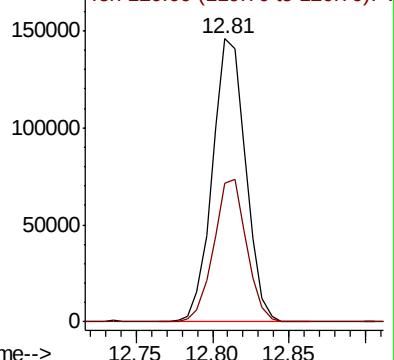
Ion Ratio Lower Upper

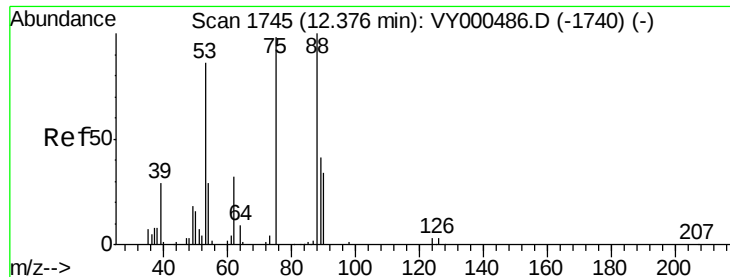
105 100

120 49.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.522 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampled :

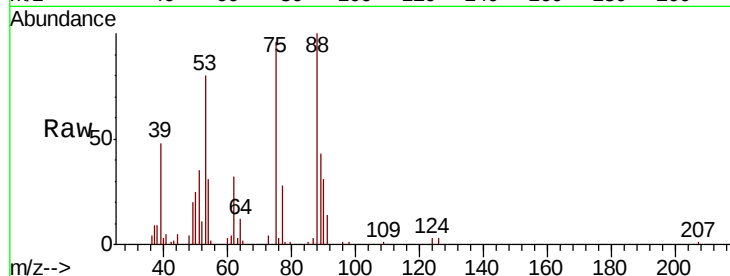
Tot Ion: 75 Resp: 16614

Ion Ratio Lower Upper

75 100

53 88.8 73.2 109.8

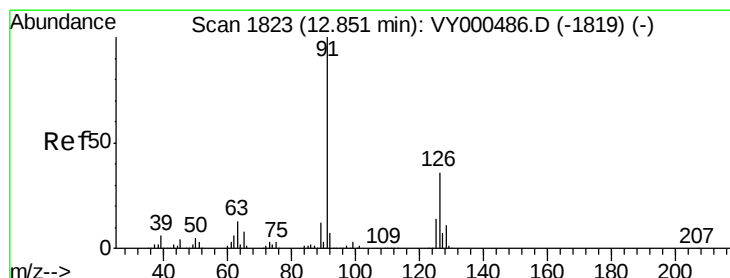
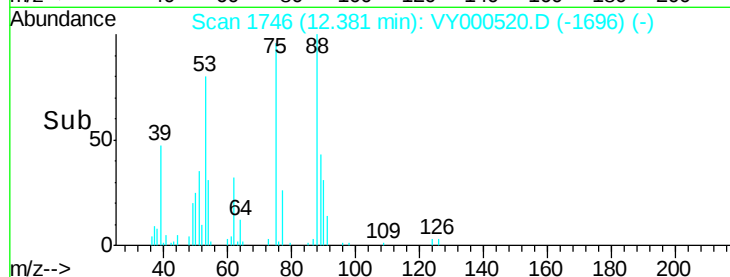
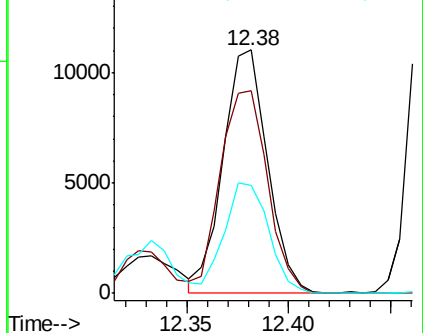
89 45.2 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.013 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY000520.D

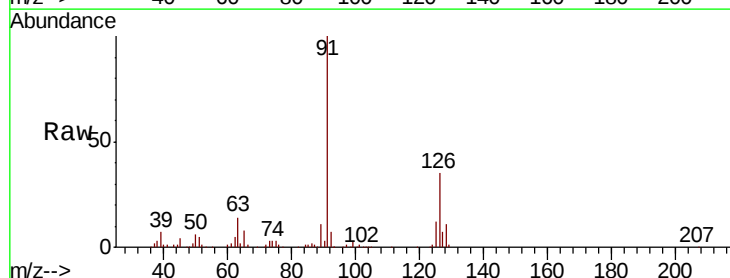
Acq: 01 Nov 2019 12:27

Tgt Ion: 91 Resp: 181406

Ion Ratio Lower Upper

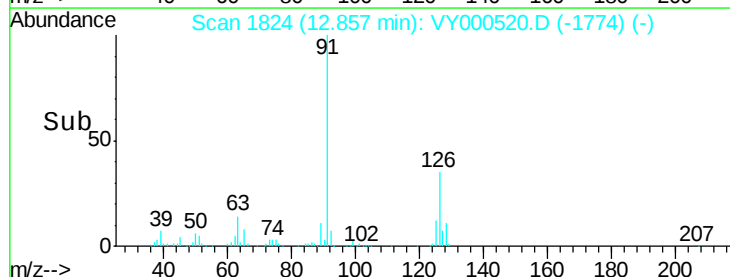
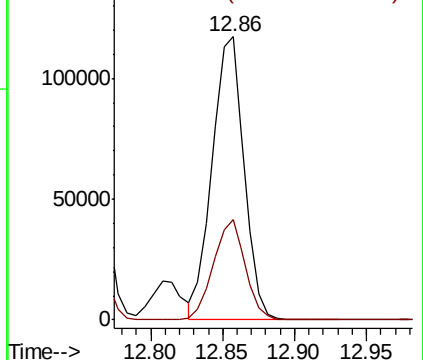
91 100

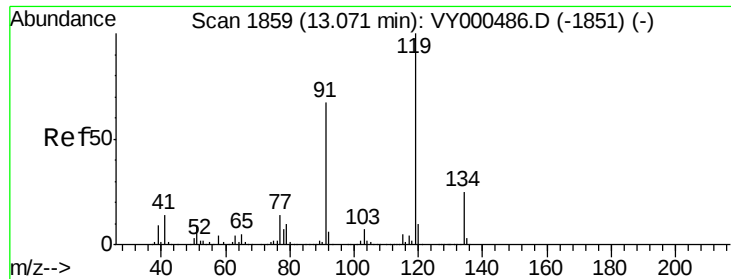
126 35.2 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

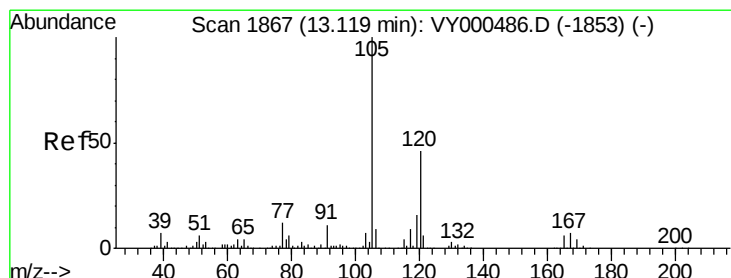
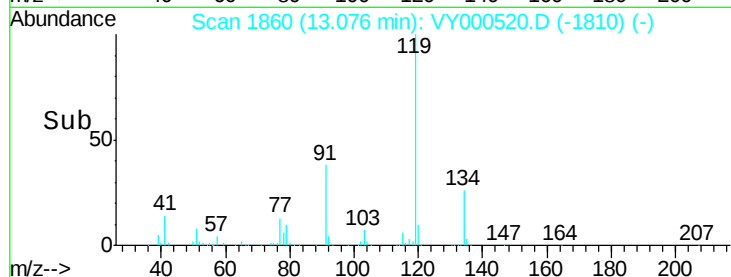
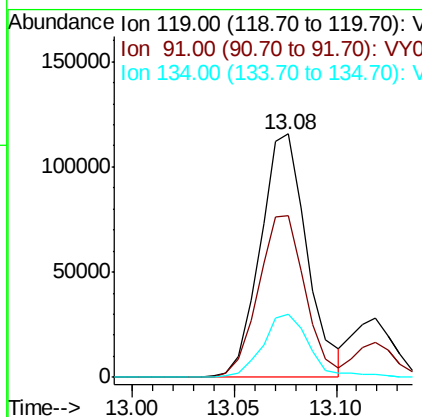
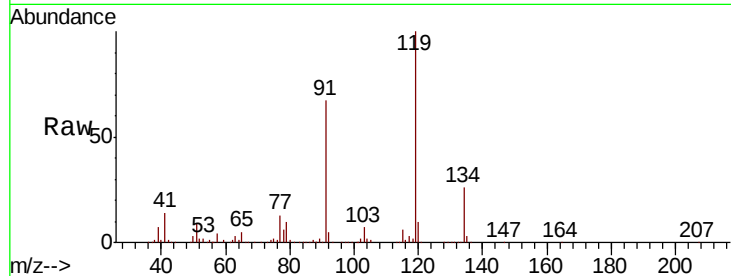




#83
 tert-Butylbenzene
 Concen: 19.837 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

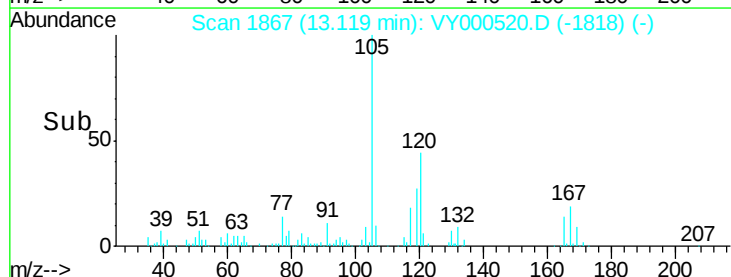
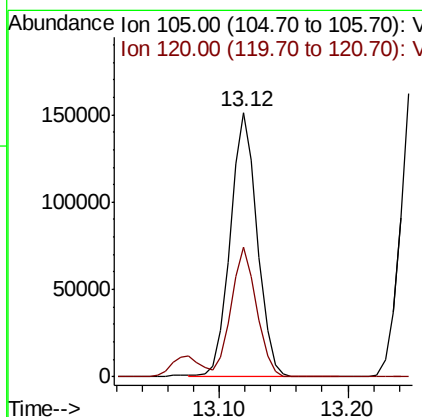
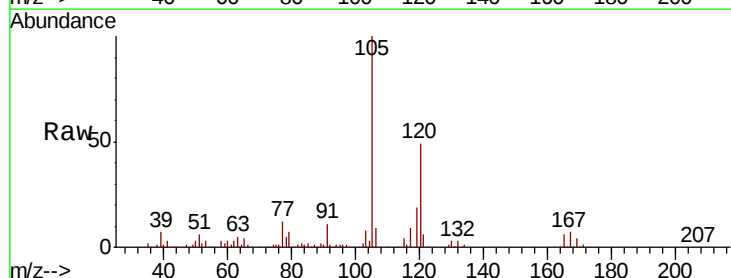
Instrument :
 MSVOA_Y
 ClientSampled :

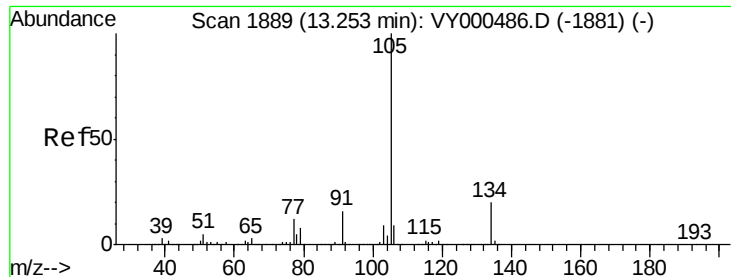
Tot Ion:119 Resp: 184151
 Ion Ratio Lower Upper
 119 100
 91 66.6 32.1 96.3
 134 26.3 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.341 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Tgt Ion:105 Resp: 220194
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.3 69.9





#85

sec-Butylbenzene

Concen: 20.080 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

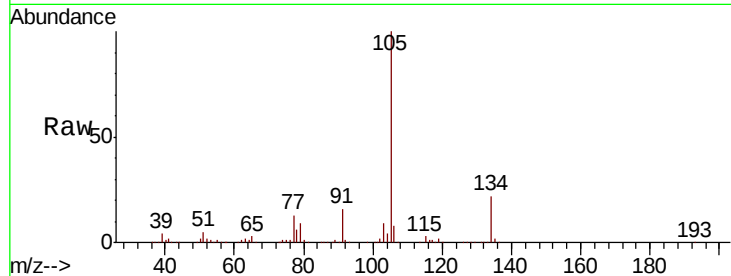
ClientSampleId :

Tot Ion:105 Resp: 265577

Ion Ratio Lower Upper

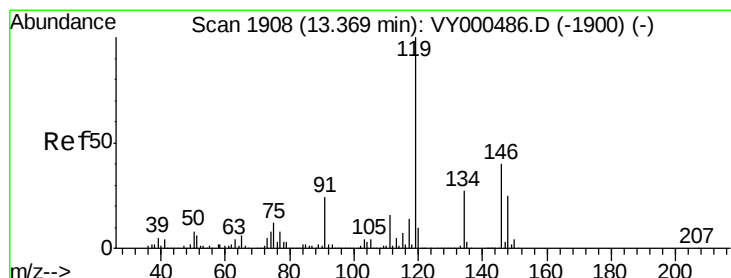
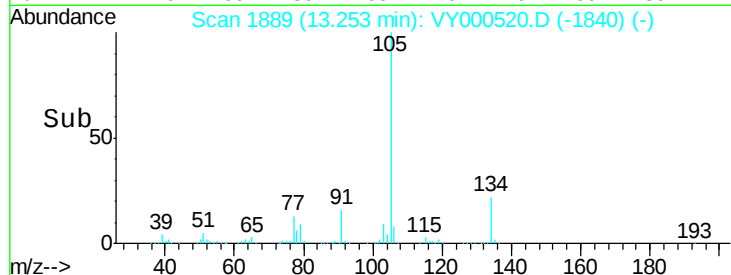
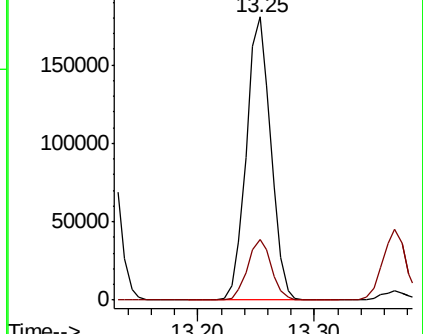
105 100

134 21.1 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: 20.463 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

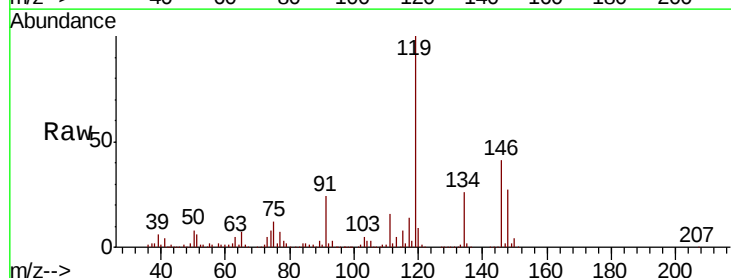
Tgt Ion:119 Resp: 241217

Ion Ratio Lower Upper

119 100

134 26.1 13.6 40.8

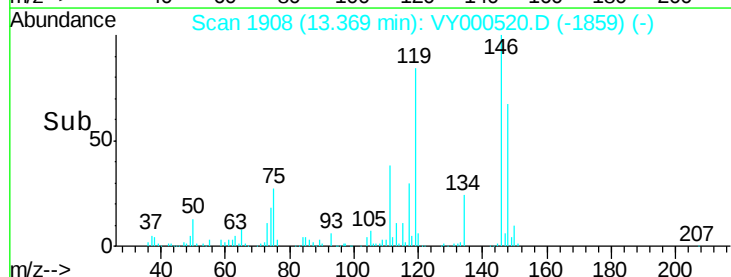
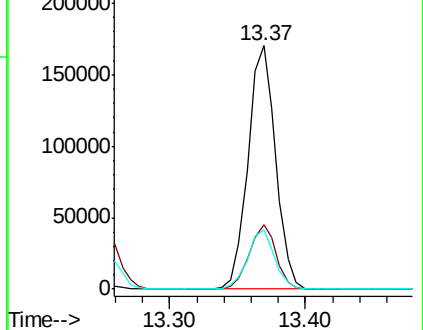
91 24.0 12.0 36.1

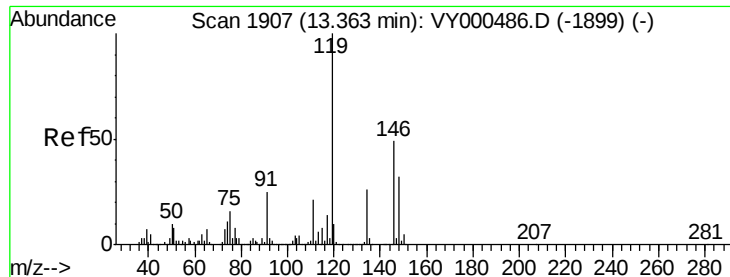


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.174 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

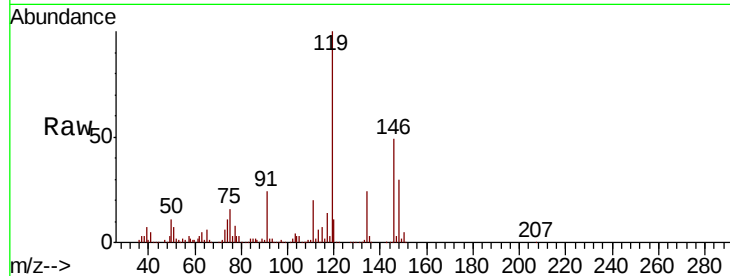
Tot Ion:146 Resp: 116981

Ion Ratio Lower Upper

146 100

111 39.5 20.3 60.8

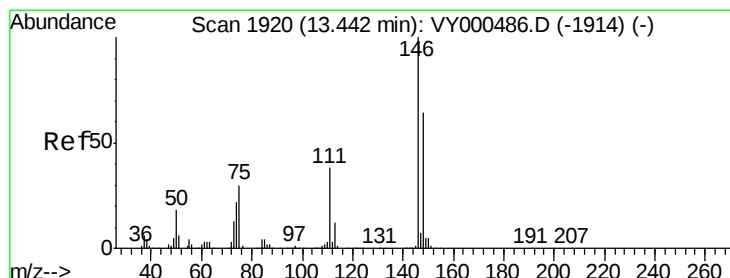
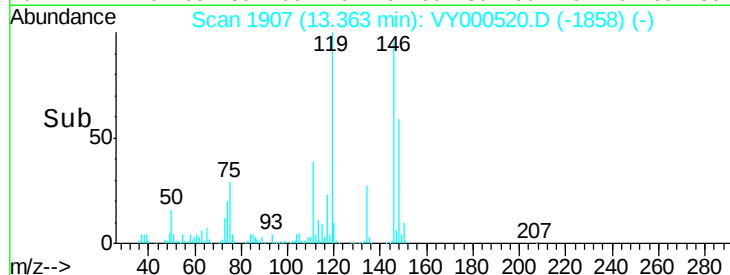
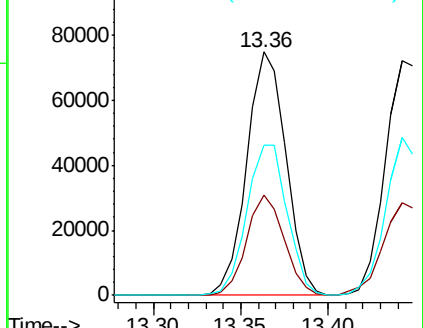
148 63.5 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.883 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

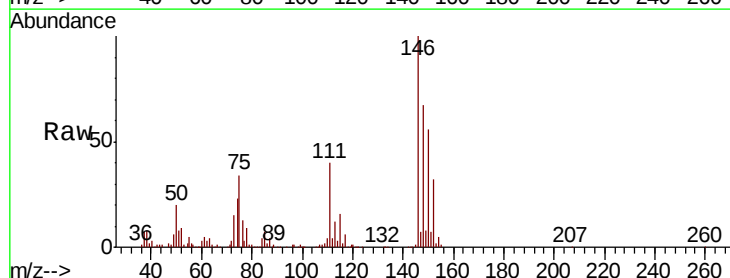
Tgt Ion:146 Resp: 115207

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.0

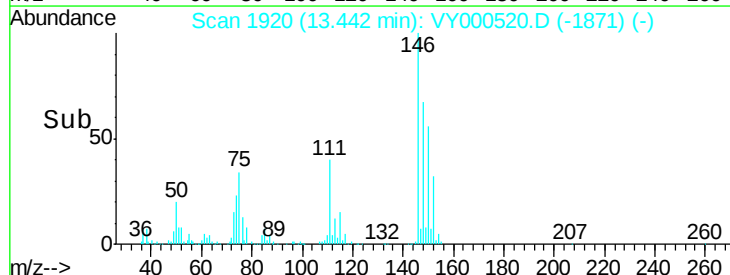
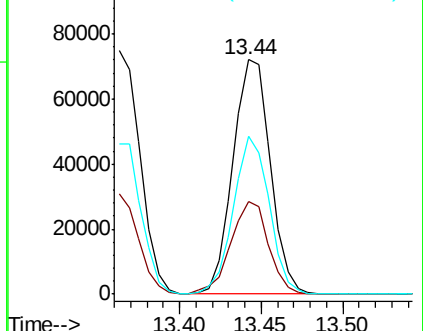
148 64.6 31.9 95.7

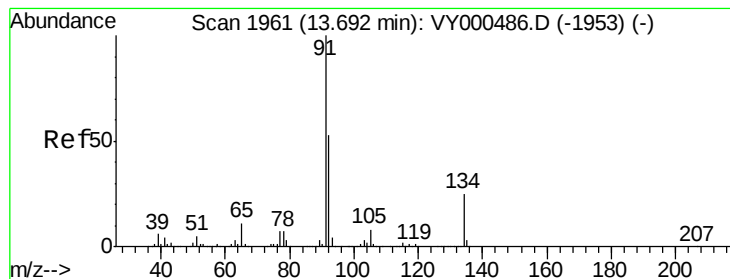


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.065 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

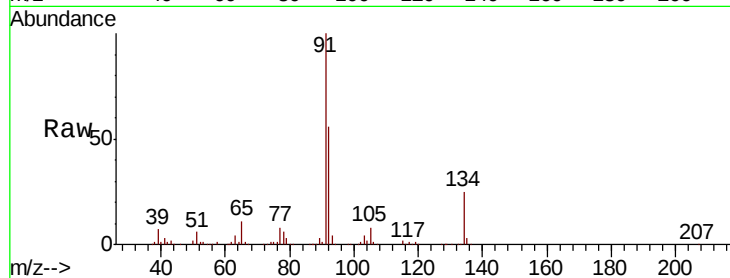
Tot Ion: 91 Resp: 233286

Ion Ratio Lower Upper

91 100

92 53.9 26.8 80.3

134 26.6 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VY000520.D (-1912) (-)

Ion 92.00 (91.70 to 92.70): VY000520.D (-1912) (-)

Ion 134.00 (133.70 to 134.70): VY000520.D (-1912) (-)

13.69

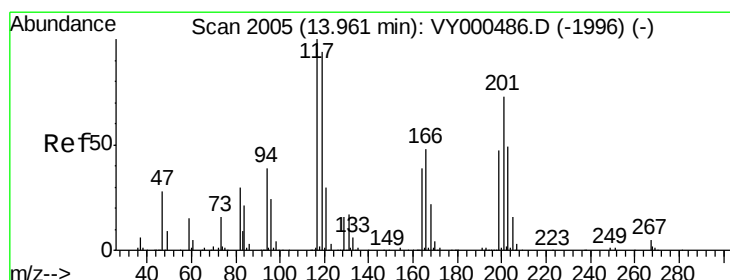
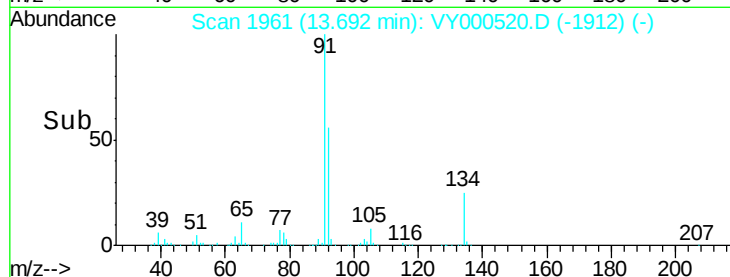
150000

100000

50000

0

Time-->



#90

Hexachloroethane

Concen: 19.616 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY000520.D

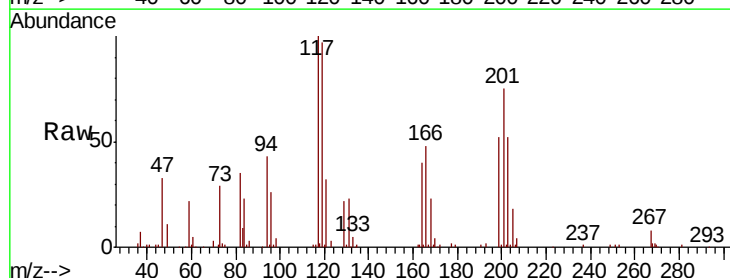
Acq: 01 Nov 2019 12:27

Tgt Ion: 117 Resp: 42748

Ion Ratio Lower Upper

117 100

201 71.6 35.8 107.3



Abundance Ion 116.80 (116.50 to 117.50): VY000520.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY000520.D (-1956) (-)

30000

25000

20000

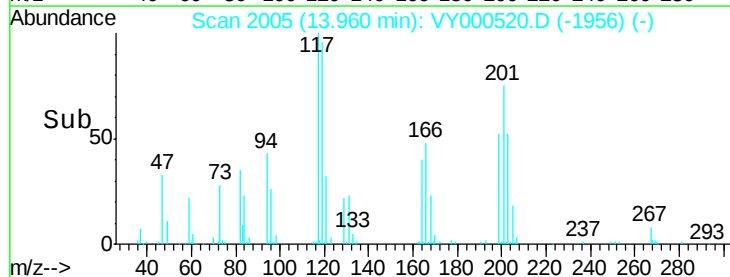
15000

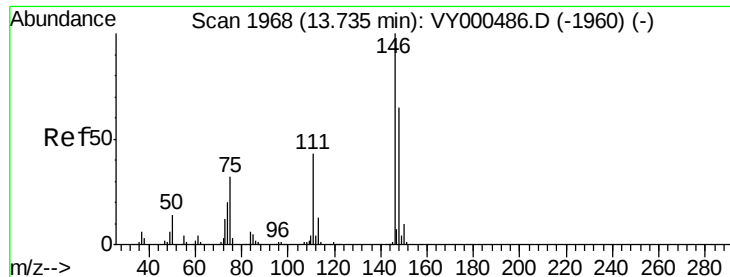
10000

5000

0

Time-->

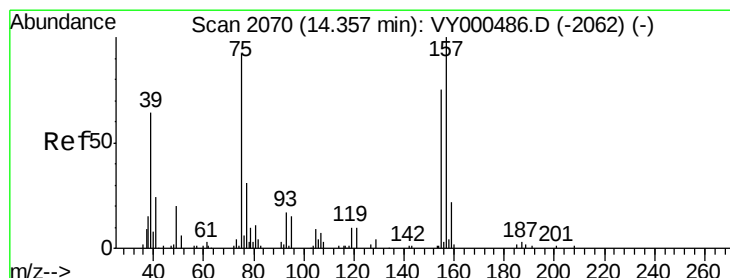
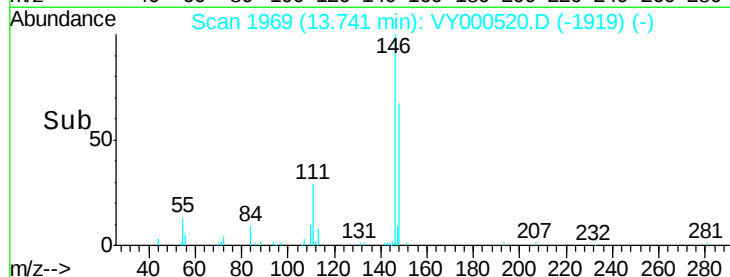
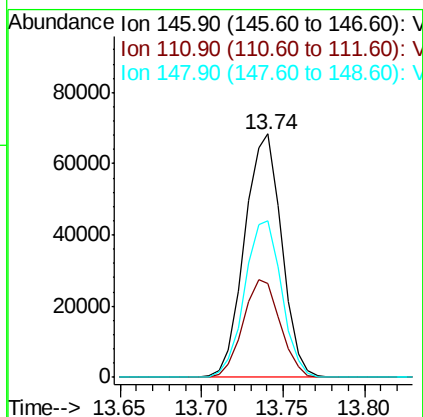
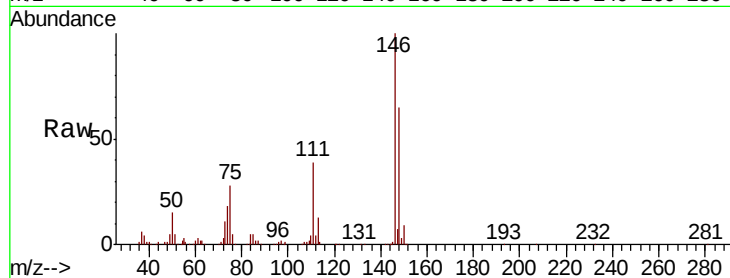




#91
 1,2-Dichlorobenzene
 Concen: 20.496 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

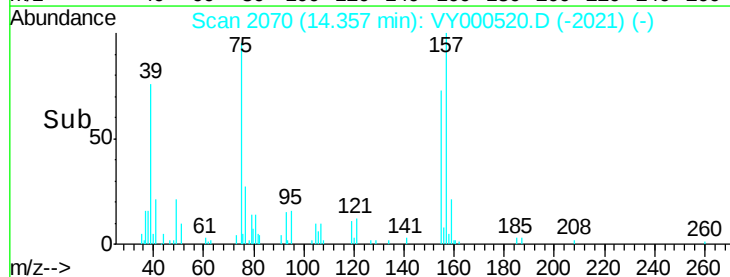
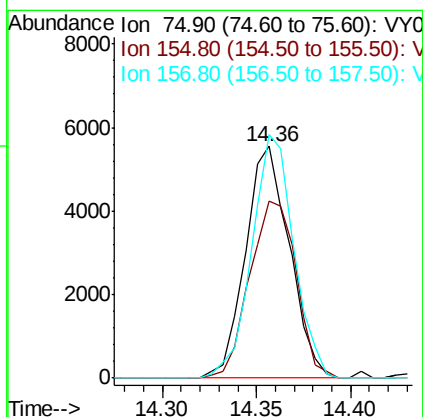
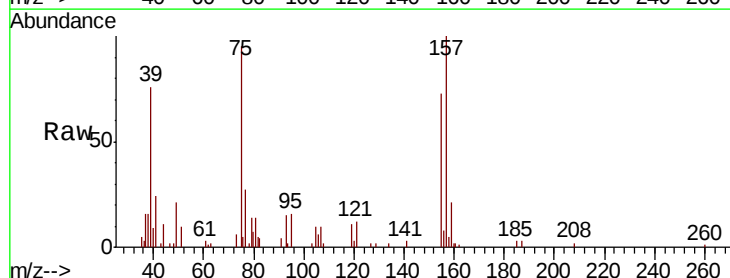
Instrument :
 MSVOA_Y
 ClientSampleId :

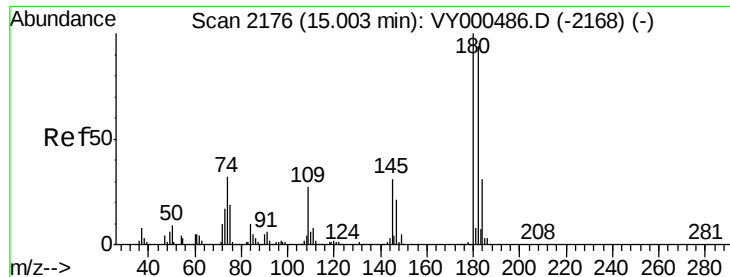
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.5	61.5
148	64.4	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.604 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.8	42.4	127.1
157	100.4	55.1	165.3

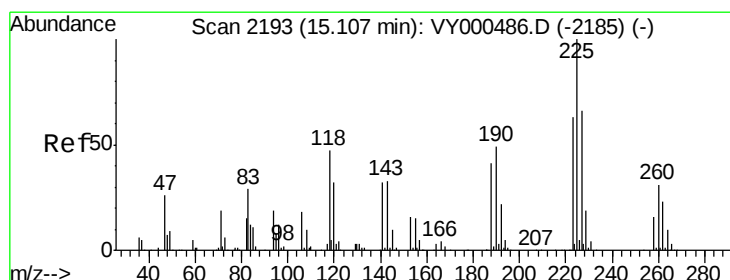
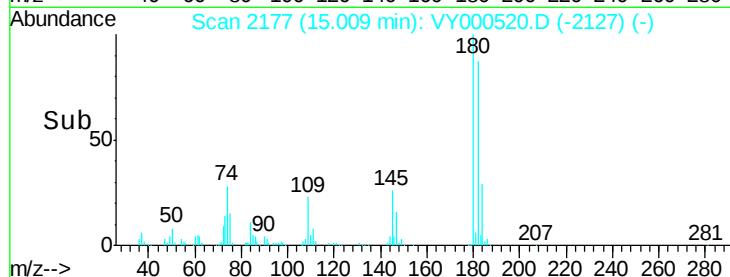
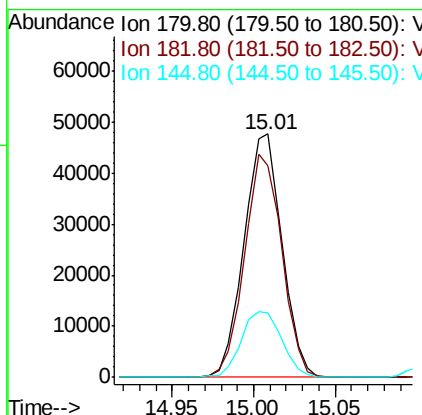
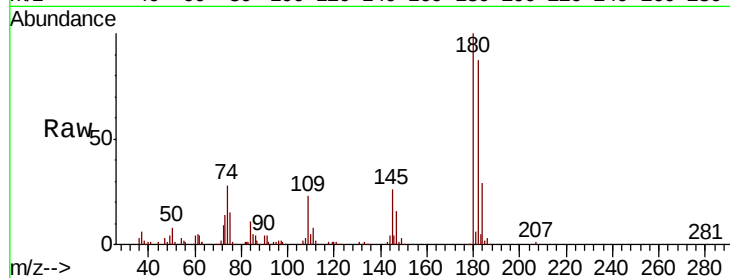




#93
 1,2,4-Trichlorobenzene
 Concen: 21.557 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

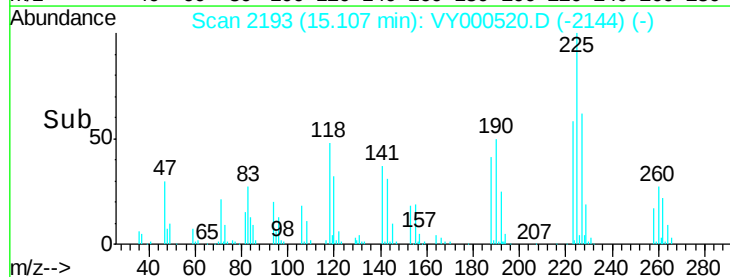
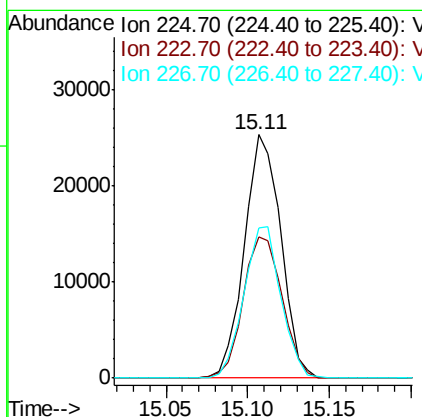
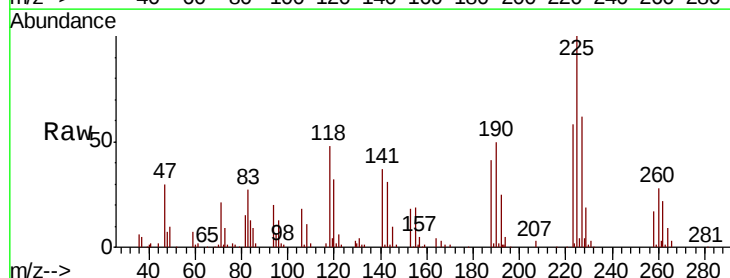
Instrument :
 MSVOA_Y
 ClientSampleId :

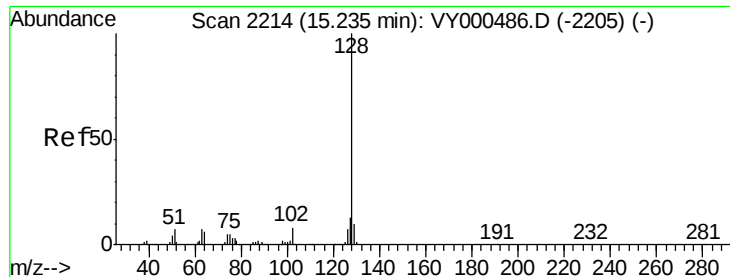
Tot Ion:180 Resp: 77223
 Ion Ratio Lower Upper
 180 100
 182 90.2 47.8 143.4
 145 28.8 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 21.384 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Tgt Ion:225 Resp: 39487
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.3 93.8
 227 63.3 32.4 97.0

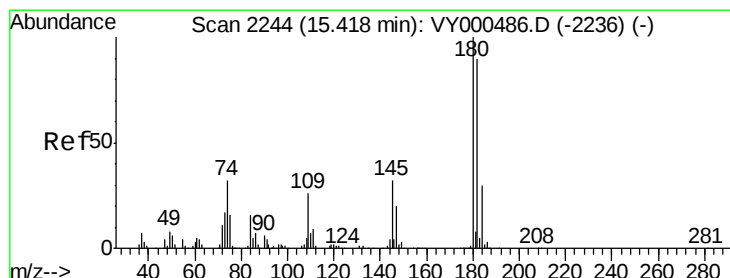
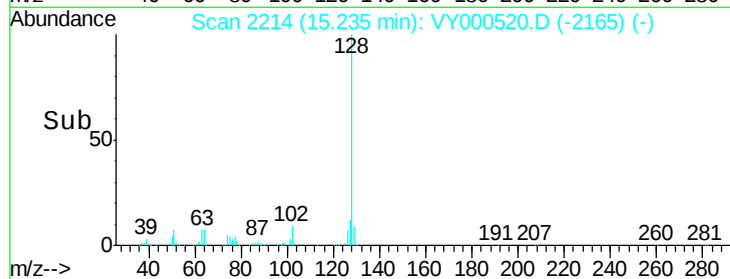
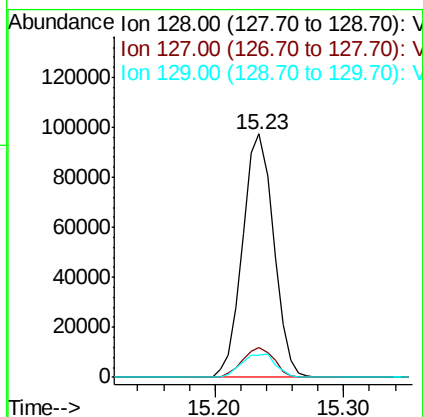
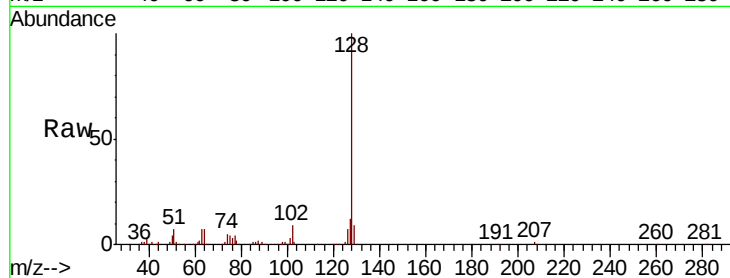




#95
Naphthalene
Concen: 20.433 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 162490
Ion Ratio Lower Upper
128 100
127 12.5 9.8 14.6
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.819 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion:180 Resp: 66909
Ion Ratio Lower Upper
180 100
182 95.4 47.4 142.3
145 31.8 15.7 47.0

