

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
 Data File : VY000542.D
 Acq On : 06 Nov 2019 11:51
 Operator : SY/MD
 Sample : VY1106SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 04:54:21 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	244901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	403638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	359962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175103	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	138162	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
35) Dibromofluoromethane	7.73	113	124122	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
50) Toluene-d8	10.18	98	494325	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	
62) 4-Bromofluorobenzene	12.48	95	174035	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	43998	18.250	ug/l	95
3) Chloromethane	2.12	50	63591	19.148	ug/l	94
4) Vinyl Chloride	2.26	62	59067	19.153	ug/l	94
5) Bromomethane	2.65	94	46076	24.915	ug/l	92
6) Chloroethane	2.79	64	37768	19.568	ug/l	95
7) Trichlorofluoromethane	3.13	101	85936	20.634	ug/l	100
8) Diethyl Ether	3.53	74	29054	19.633	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	50911	20.219	ug/l	99
10) Methyl Iodide	4.10	142	43875	15.591	ug/l	99
11) Tert butyl alcohol	4.97	59	23455	95.072	ug/l #	91
12) 1,1-Dichloroethene	3.88	96	50538	20.659	ug/l	97
13) Acrolein	3.73	56	17269	80.359	ug/l	97
14) Allyl chloride	4.48	41	82200	20.665	ug/l	96
15) Acrylonitrile	5.18	53	75393	99.452	ug/l	99
16) Acetone	3.96	43	57358	82.115	ug/l	94
17) Carbon Disulfide	4.20	76	156401	20.271	ug/l	100
18) Methyl Acetate	4.49	43	40518	18.655	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	134946	19.840	ug/l	100
20) Methylene Chloride	4.72	84	59616	19.918	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	56133	20.297	ug/l	98
22) Diisopropyl ether	6.13	45	173635	20.083	ug/l	94
23) Vinyl Acetate	6.07	43	553059	101.334	ug/l	96
24) 1,1-Dichloroethane	6.03	63	94195	20.110	ug/l	100
25) 2-Butanone	7.00	43	104615	93.844	ug/l	95
26) 2,2-Dichloropropane	6.99	77	88302	20.629	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	62269	20.591	ug/l	99
28) Bromochloromethane	7.34	49	24822	14.761	ug/l	99
29) Tetrahydrofuran	7.36	42	67300	98.683	ug/l	99
30) Chloroform	7.52	83	98022	20.687	ug/l	93
31) Cyclohexane	7.79	56	99974	20.379	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	86995	20.601	ug/l	99
36) 1,1-Dichloropropene	7.93	75	79252	20.769	ug/l	99
37) Ethyl Acetate	7.09	43	45478	20.075	ug/l	98
38) Carbon Tetrachloride	7.91	117	77929	21.224	ug/l	96

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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	101729	20.636	ug/l	96
40) Benzene	8.17	78	227641	20.349	ug/l	97
41) Methacrylonitrile	7.35	41	59637	47.188	ug/l #	45
42) 1,2-Dichloroethane	8.25	62	65500	20.643	ug/l	100
43) Isopropyl Acetate	8.28	43	85922	20.190	ug/l	100
44) Trichloroethene	8.94	130	60818	20.619	ug/l	99
45) 1,2-Dichloropropane	9.22	63	55158	20.033	ug/l	93
46) Dibromomethane	9.31	93	30908	20.412	ug/l	99
47) Bromodichloromethane	9.50	83	73504	20.458	ug/l	98
48) Methyl methacrylate	9.30	41	36819	19.802	ug/l	98
49) 1,4-Dioxane	9.32	88	8203	402.516	ug/l	88
51) 4-Methyl-2-Pentanone	10.08	43	229382	101.378	ug/l	99
52) Toluene	10.25	92	145617	20.588	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	77177	20.103	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	90646	20.611	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	45533	20.790	ug/l	91
56) Ethyl methacrylate	10.51	69	61308	19.750	ug/l	97
57) 1,3-Dichloropropane	10.79	76	79924	20.850	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	137267	97.813	ug/l	98
59) 2-Hexanone	10.83	43	162504	98.574	ug/l	99
60) Dibromochloromethane	10.99	129	50817	20.257	ug/l	99
61) 1,2-Dibromoethane	11.09	107	42972	20.406	ug/l	96
64) Tetrachloroethene	10.72	164	60600	20.360	ug/l	98
65) Chlorobenzene	11.52	112	150146	20.573	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	53065	20.965	ug/l	98
67) Ethyl Benzene	11.59	91	277370	20.650	ug/l	98
68) m/p-Xylenes	11.70	106	214919	41.341	ug/l	99
69) o-Xylene	12.03	106	99320	20.328	ug/l	99
70) Styrene	12.05	104	173339	20.719	ug/l	99
71) Bromoform	12.21	173	29981	20.594	ug/l #	98
73) Isopropylbenzene	12.33	105	273751	21.153	ug/l	100
74) N-amyl acetate	12.14	43	76529	20.648	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	53121	20.731	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	71318	35.770	ug/l #	100
77) Bromobenzene	12.61	156	61268	20.877	ug/l	96
78) n-propylbenzene	12.67	91	328167	21.016	ug/l	100
79) 2-Chlorotoluene	12.75	91	180853	20.863	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	232302	21.553	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	17924	20.157	ug/l	96
82) 4-Chlorotoluene	12.85	91	190406	21.190	ug/l	98
83) tert-Butylbenzene	13.08	119	193272	21.001	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	229902	21.423	ug/l	99
85) sec-Butylbenzene	13.25	105	277223	21.143	ug/l	99
86) p-Isopropyltoluene	13.37	119	249181	21.324	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	122848	21.371	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	122008	21.241	ug/l	100
89) n-Butylbenzene	13.70	91	242223	21.016	ug/l	100
90) Hexachloroethane	13.96	117	45009	20.834	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	109452	20.986	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9690	21.367	ug/l	91

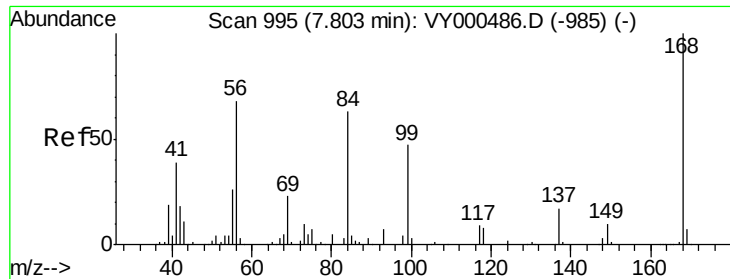
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	74422	20.957	ug/l	99
94) Hexachlorobutadiene	15.11	225	40057	21.882	ug/l	98
95) Naphthalene	15.23	128	165128	20.946	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	66798	20.966	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: VY000542.D

Acq: 06 Nov 2019 11:51

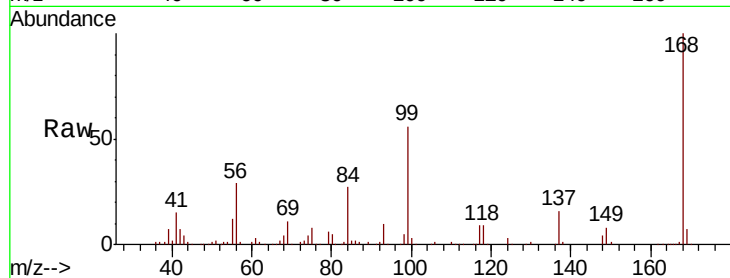
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 244901

Ion Ratio Lower Upper

168 100

99 56.5 45.7 68.5



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

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

7.80

120000

100000

80000

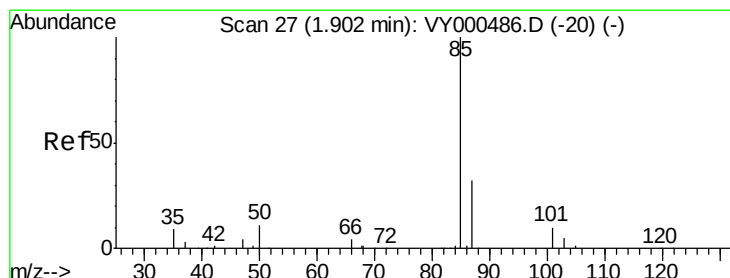
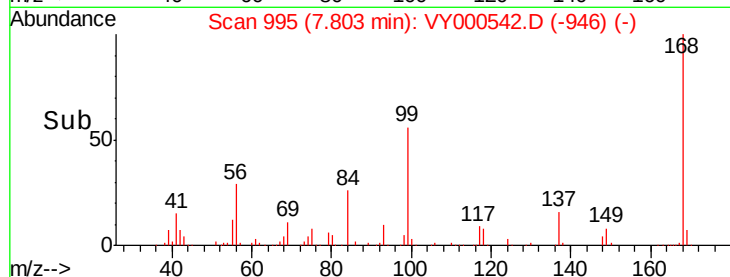
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.250 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000542.D

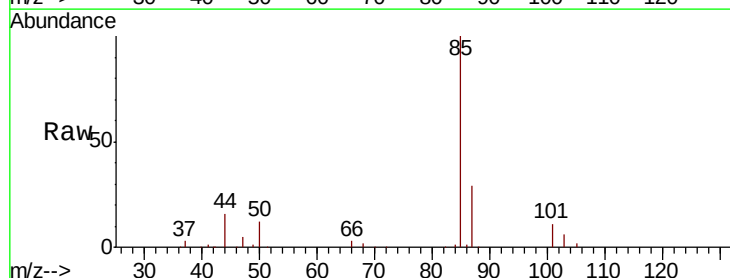
Acq: 06 Nov 2019 11:51

Tgt Ion: 85 Resp: 43998

Ion Ratio Lower Upper

85 100

87 28.8 15.9 47.7



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

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

1.90

30000

25000

20000

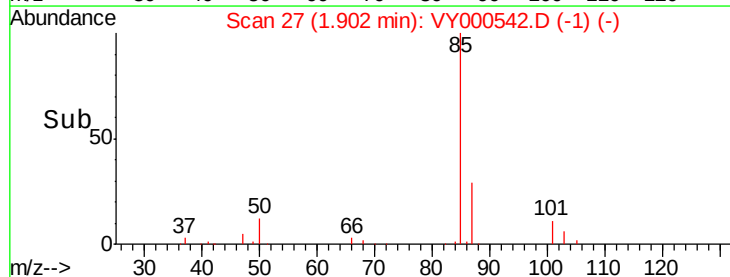
15000

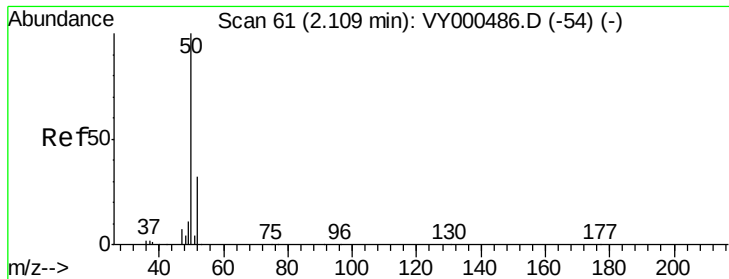
10000

5000

0

Time-->





#3

Chloromethane

Concen: 19.148 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

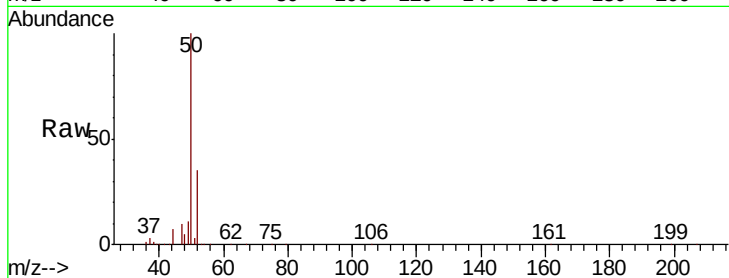
ClientSampleId :

Tot Ion: 50 Resp: 63591

Ion Ratio Lower Upper

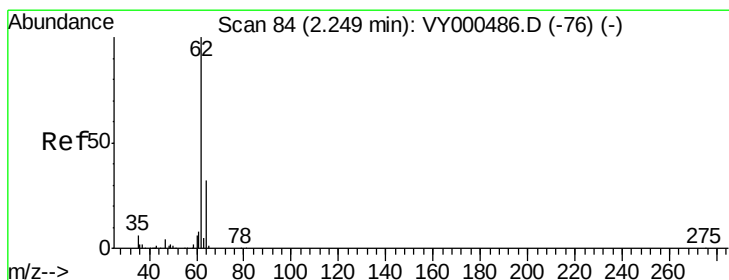
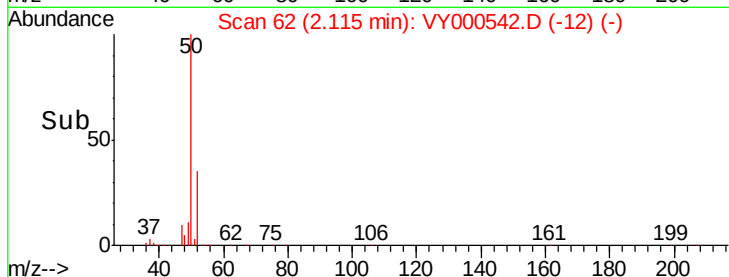
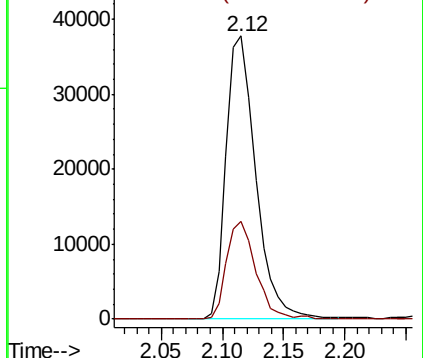
50 100

52 34.7 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: 19.153 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000542.D

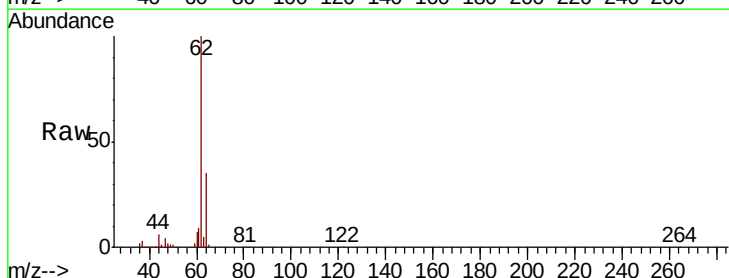
Acq: 06 Nov 2019 11:51

Tgt Ion: 62 Resp: 59067

Ion Ratio Lower Upper

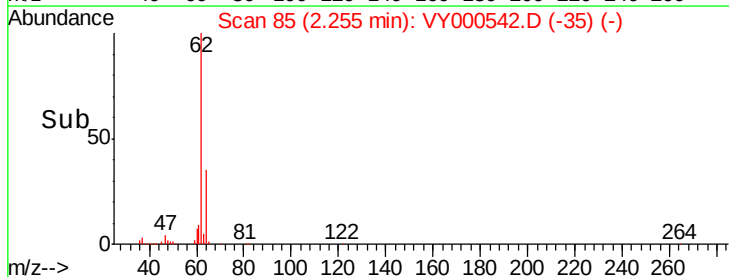
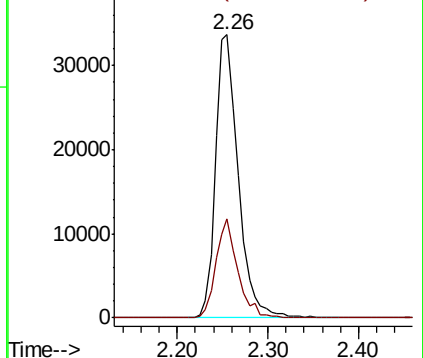
62 100

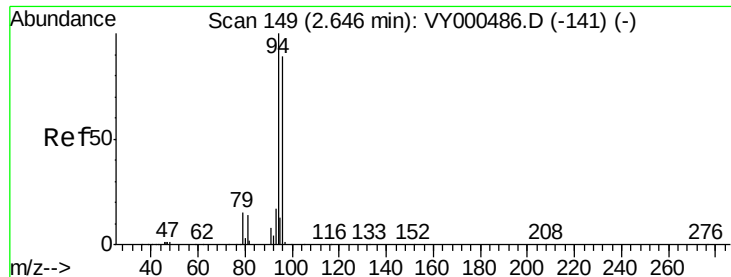
64 35.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 24.915 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

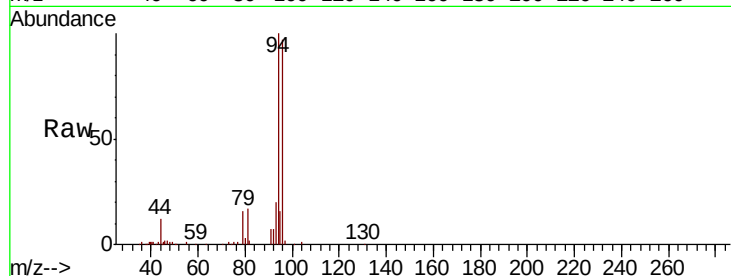
ClientSampleId :

Tot Ion: 94 Resp: 46076

Ion Ratio Lower Upper

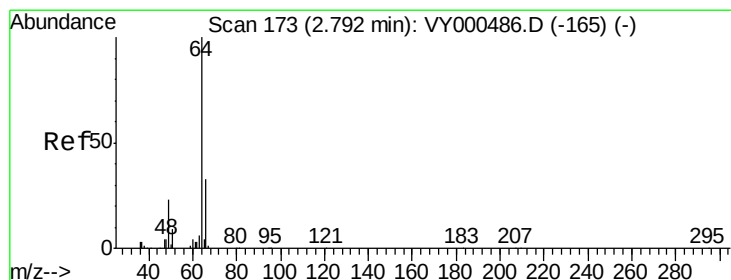
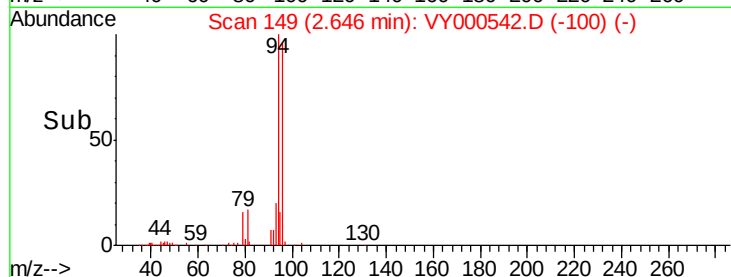
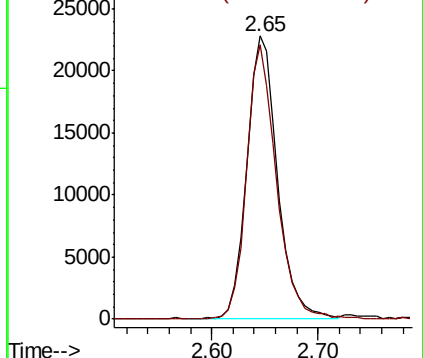
94 100

96 96.7 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: 19.568 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000542.D

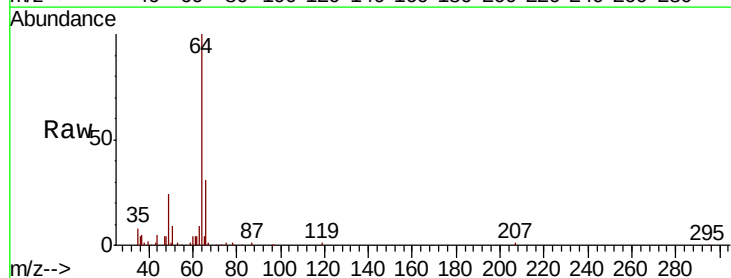
Acq: 06 Nov 2019 11:51

Tgt Ion: 64 Resp: 37768

Ion Ratio Lower Upper

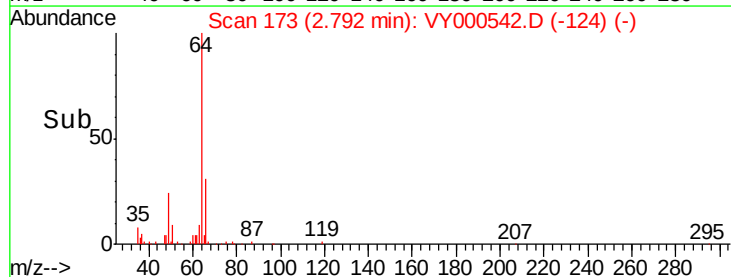
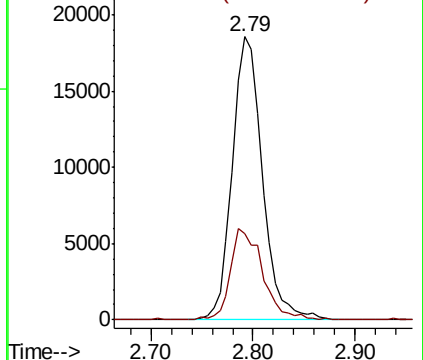
64 100

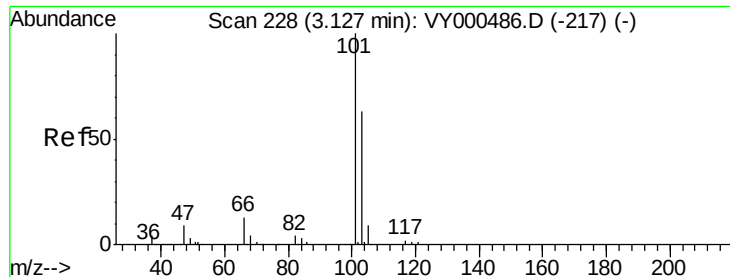
66 30.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



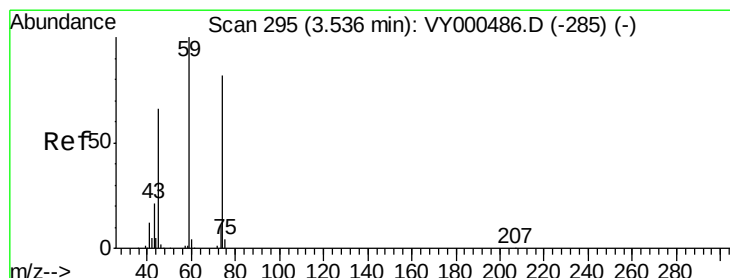
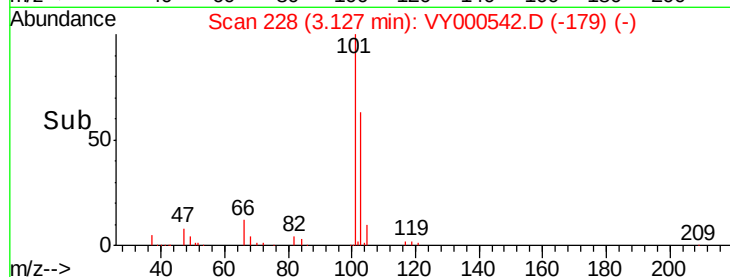
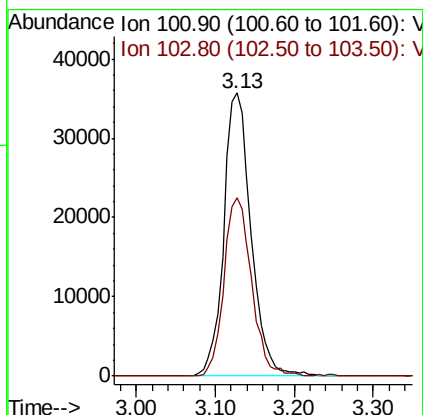
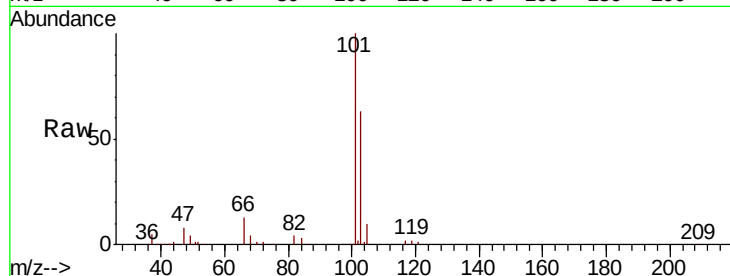


#7

Trichlorofluoromethane
 Concen: 20.634 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :

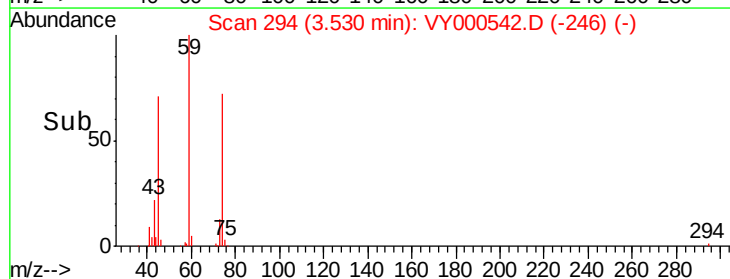
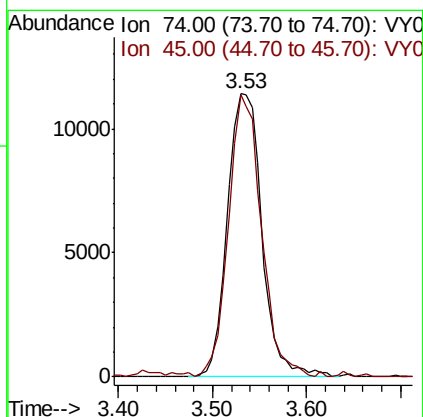
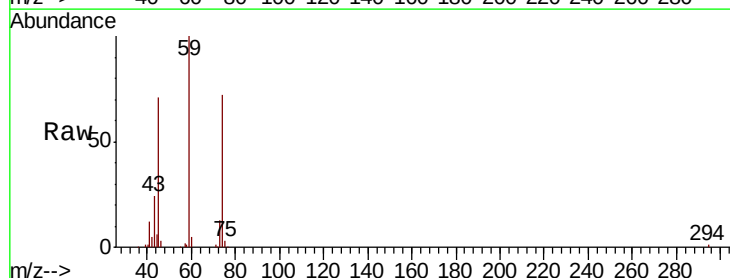
Tot Ion:101 Resp: 85936
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.5 75.7

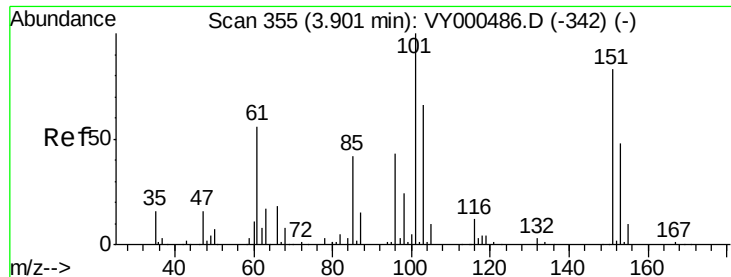


#8

Diethyl Ether
 Concen: 19.633 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion: 74 Resp: 29054
 Ion Ratio Lower Upper
 74 100
 45 95.1 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.219 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampleId :

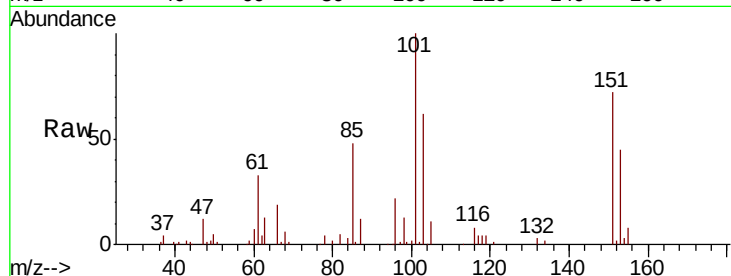
Tot Ion:101 Resp: 50911

Ion Ratio Lower Upper

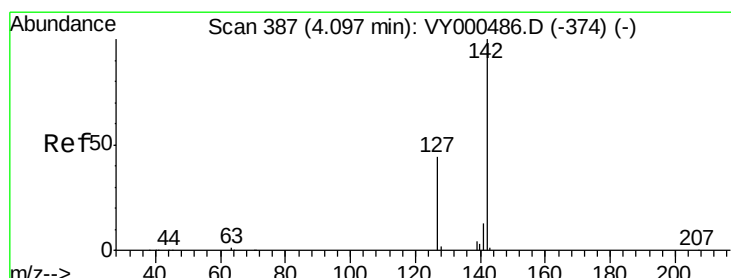
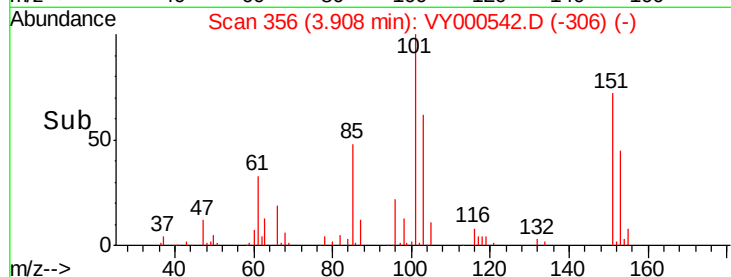
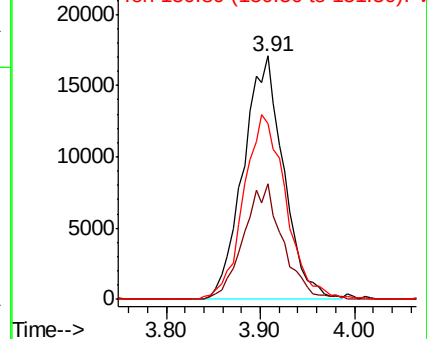
101 100

85 46.1 36.7 55.1

151 79.8 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: 15.591 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

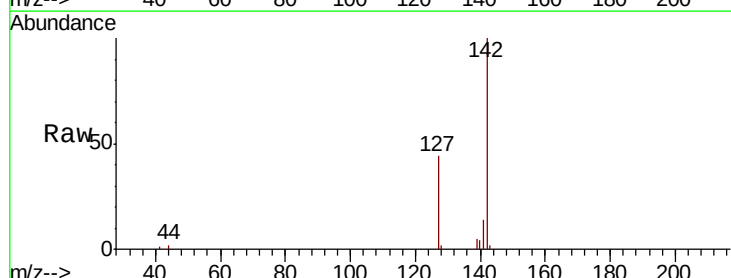
Tgt Ion:142 Resp: 43875

Ion Ratio Lower Upper

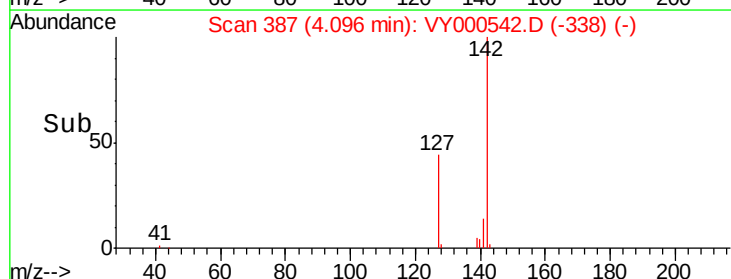
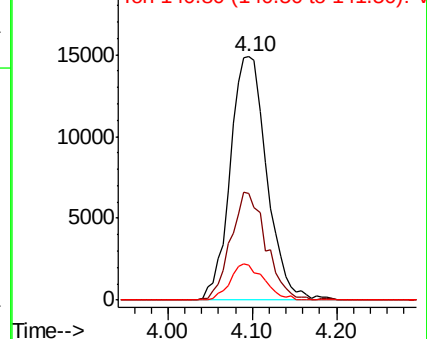
142 100

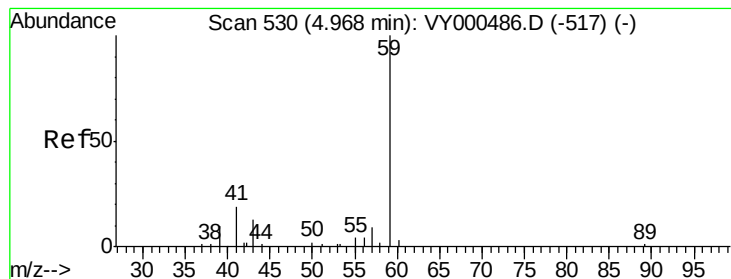
127 42.6 33.7 50.5

141 13.6 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



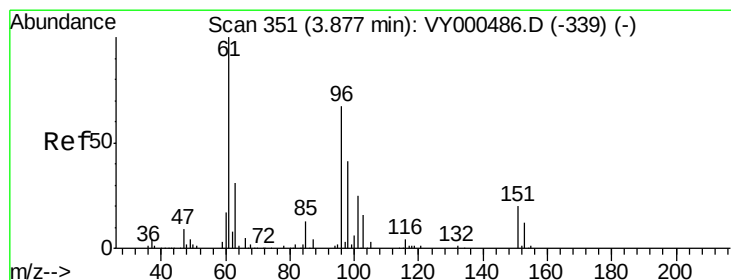
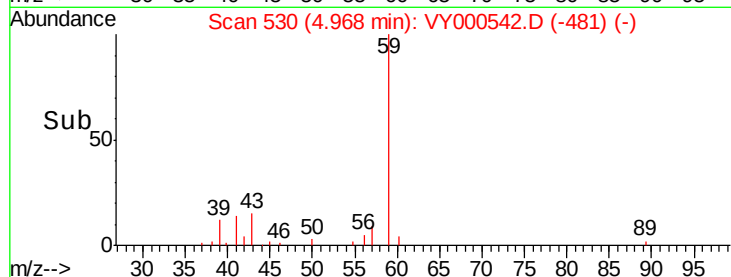
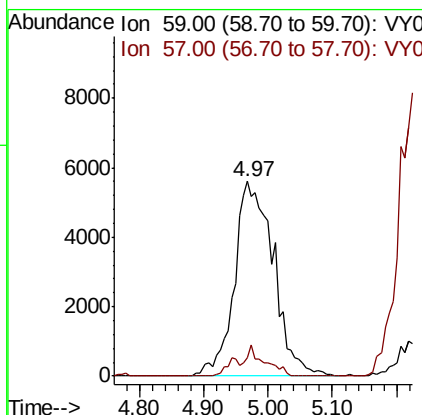
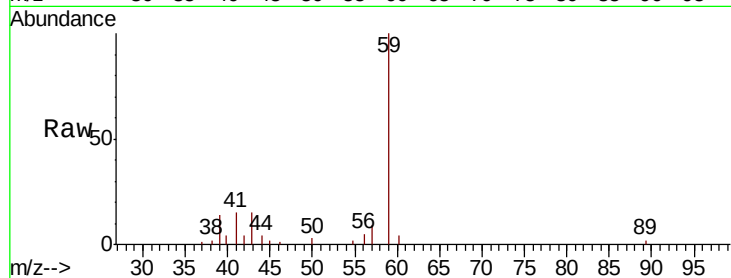


#11

Tert butyl alcohol
 Concen: 95.072 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :

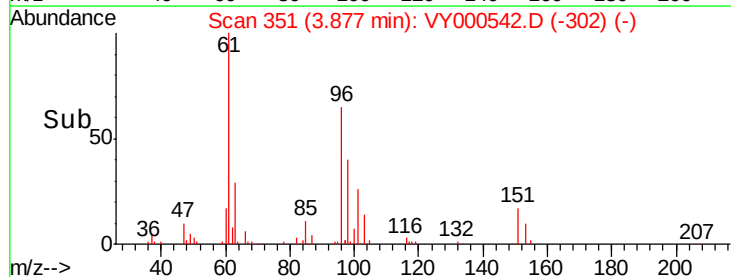
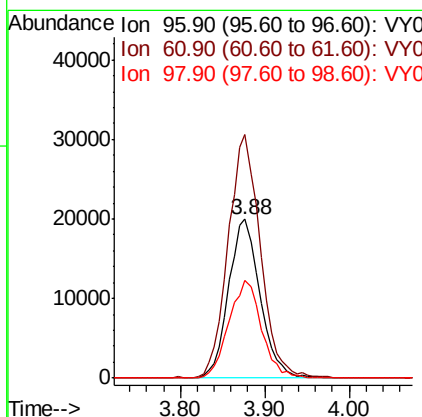
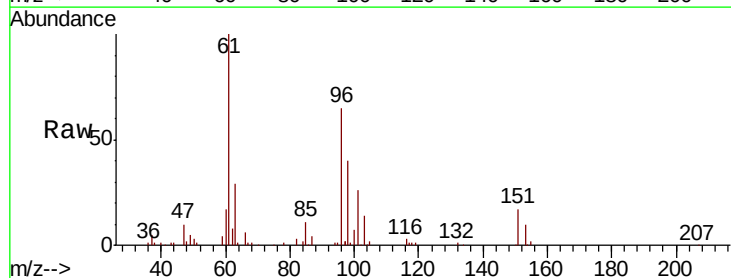
Tot Ion: 59 Resp: 23455
 Ion Ratio Lower Upper
 59 100
 57 7.4 8.6 12.8#

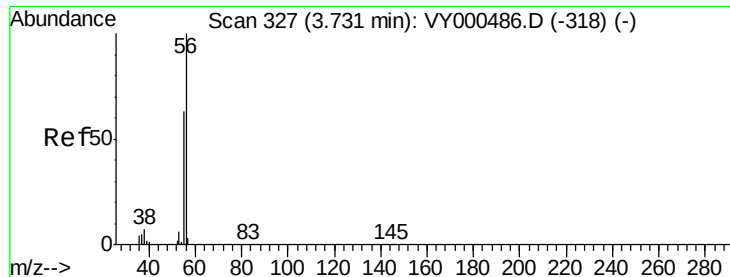


#12

1,1-Dichloroethene
 Concen: 20.659 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion: 96 Resp: 50538
 Ion Ratio Lower Upper
 96 100
 61 153.2 119.2 178.8
 98 61.5 48.6 73.0





#13

Acrolein

Concen: 80.359 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

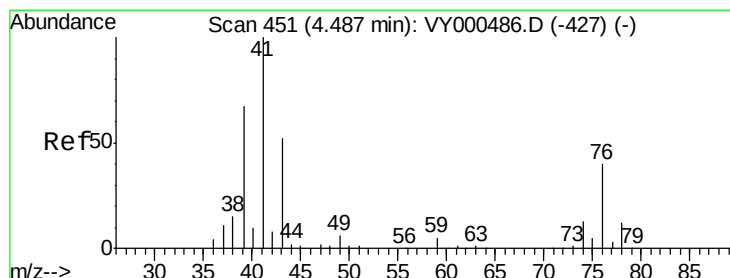
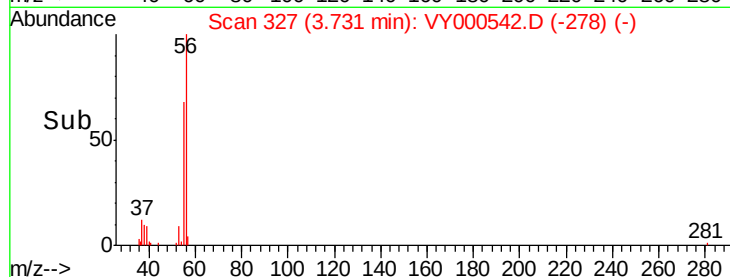
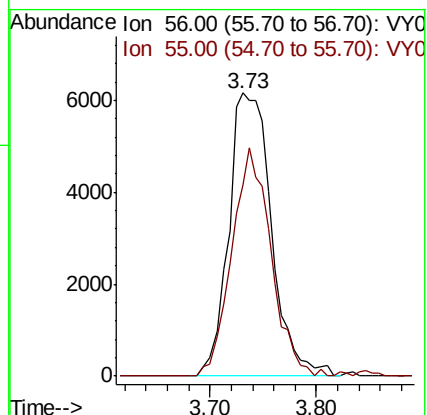
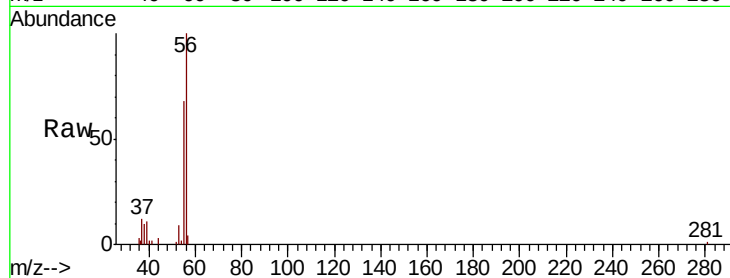
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 17269

Ion Ratio Lower Upper

56 100

55 74.1 57.0 85.6



#14

Allyl chloride

Concen: 20.665 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

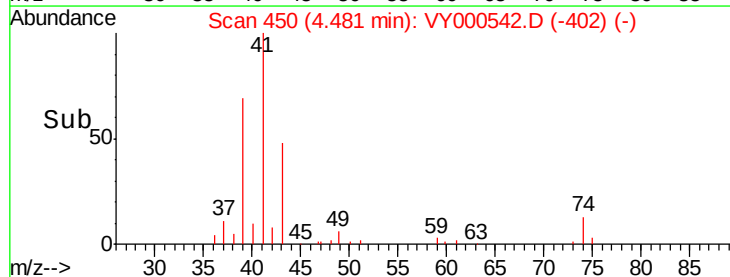
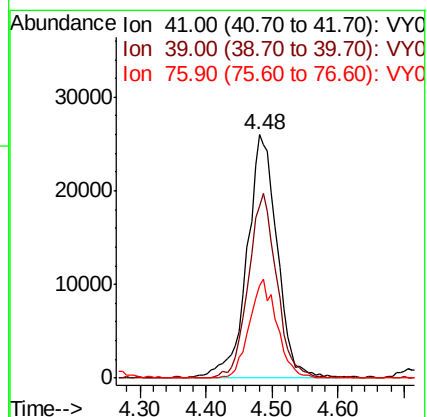
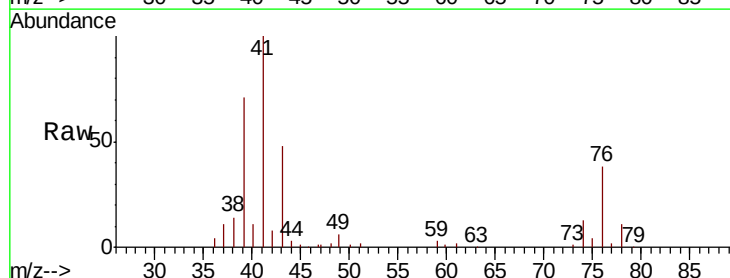
Tgt Ion: 41 Resp: 82200

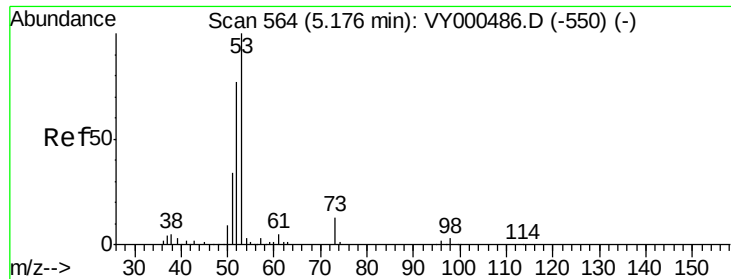
Ion Ratio Lower Upper

41 100

39 71.5 53.6 80.4

76 37.2 29.8 44.6





#15

Acrylonitrile

Concen: 99.452 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampleId :

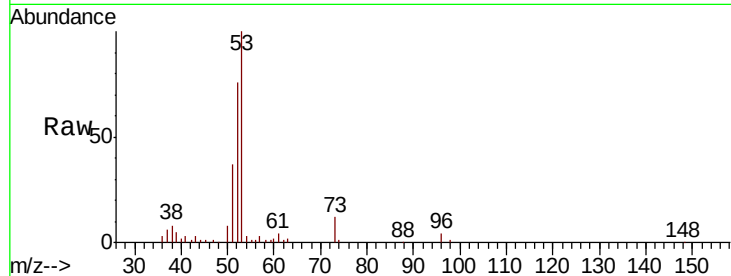
Tot Ion: 53 Resp: 75393

Ion Ratio Lower Upper

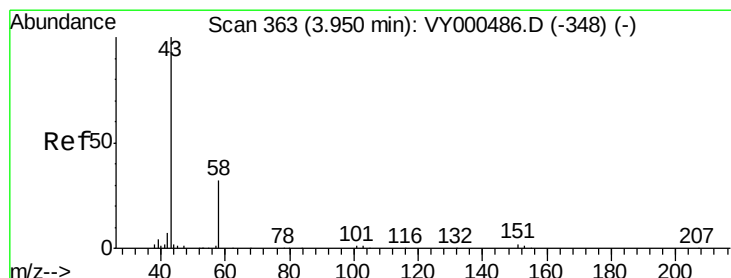
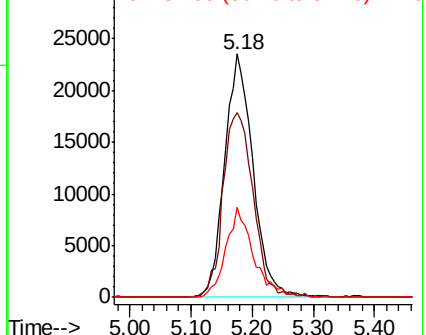
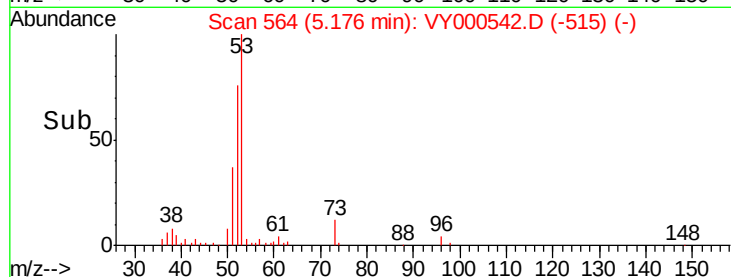
53 100

52 80.4 64.9 97.3

51 35.5 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY000542.D (-515) (-)



#16

Acetone

Concen: 82.115 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000542.D

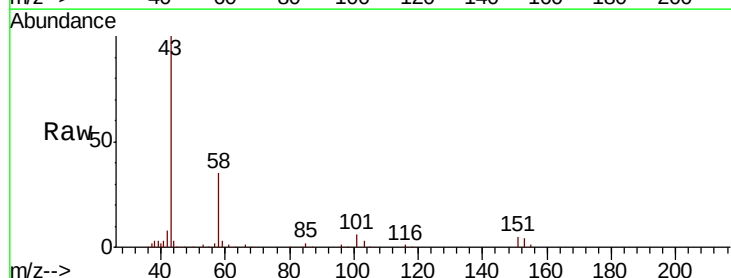
Acq: 06 Nov 2019 11:51

Tgt Ion: 43 Resp: 57358

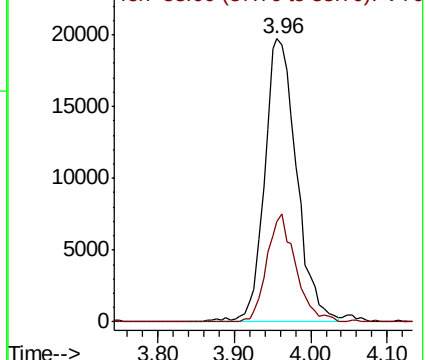
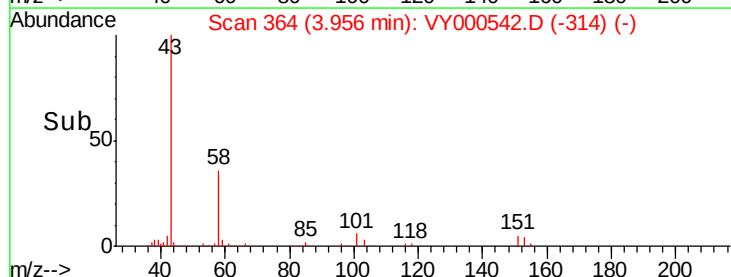
Ion Ratio Lower Upper

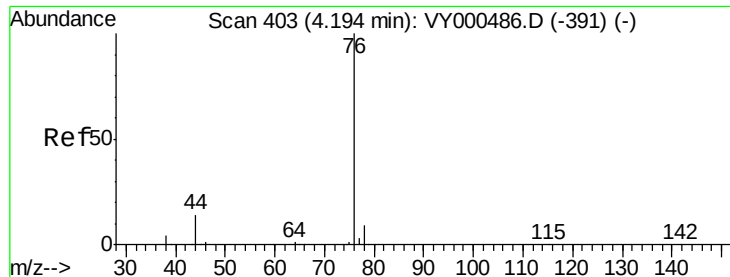
43 100

58 35.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000542.D (-314) (-)

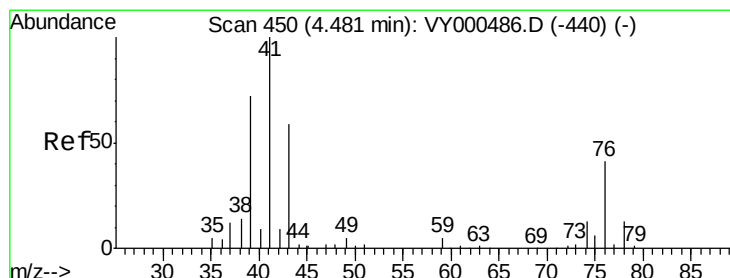
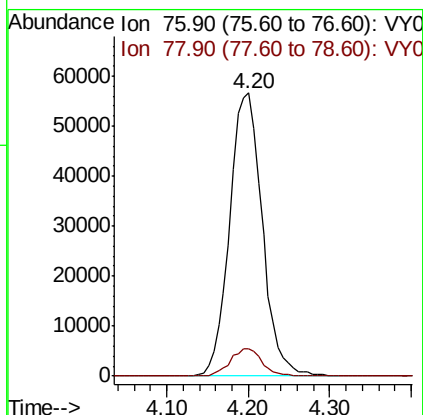
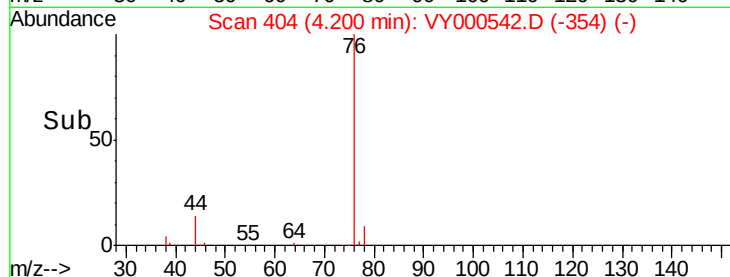
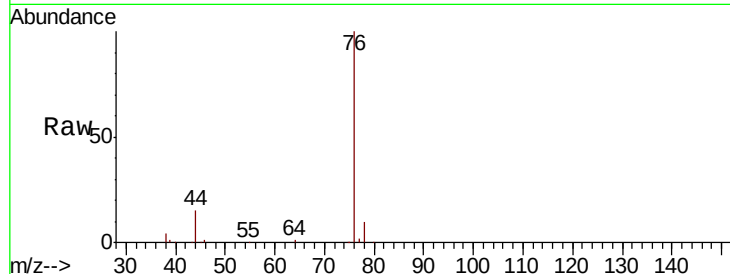




#17
Carbon Disulfide
Concen: 20.271 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

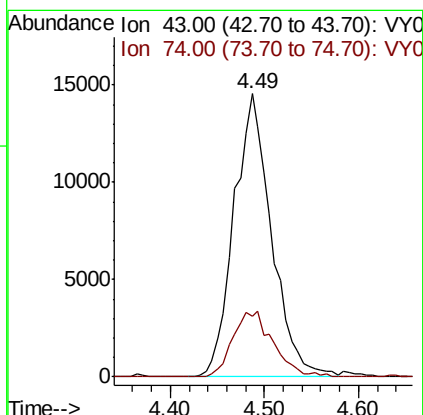
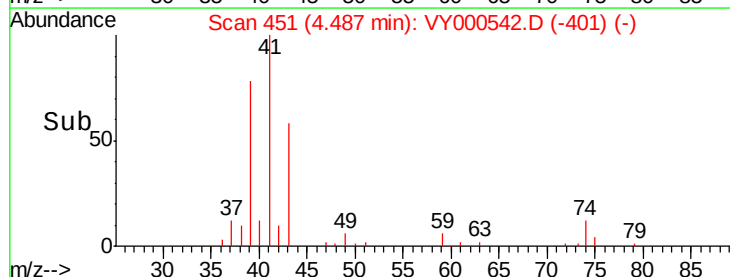
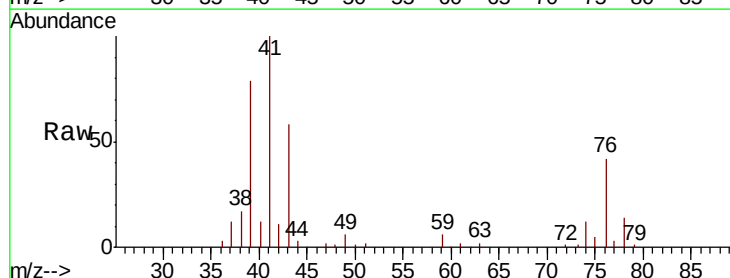
Instrument :
MSVOA_Y
ClientSampleId :

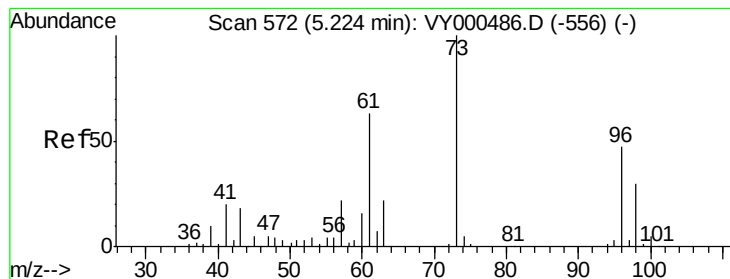
Tot Ion: 76 Resp: 156401
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 18.655 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion: 43 Resp: 40518
Ion Ratio Lower Upper
43 100
74 24.4 19.2 28.8



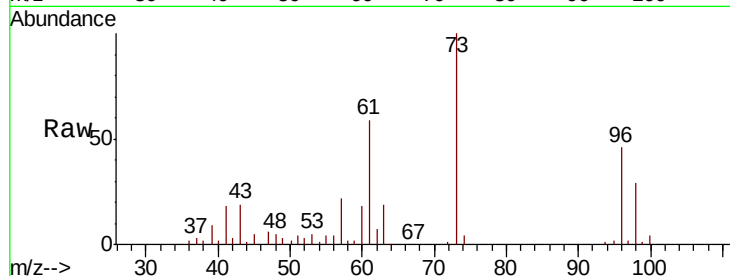


#19

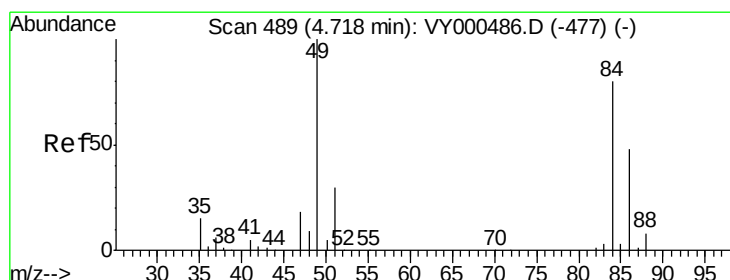
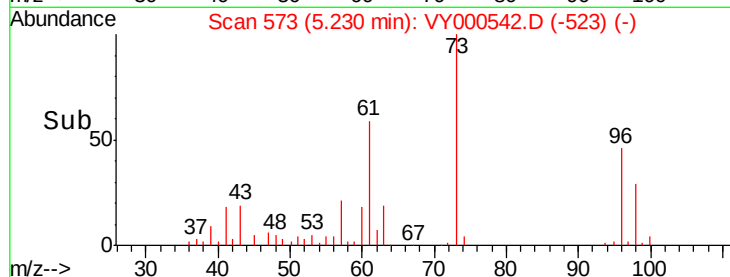
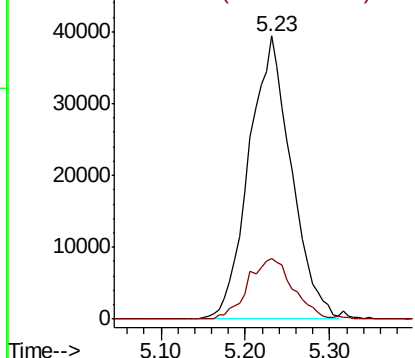
Methyl tert-butyl Ether
 Concen: 19.840 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 73 Resp: 134946
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.4 26.0



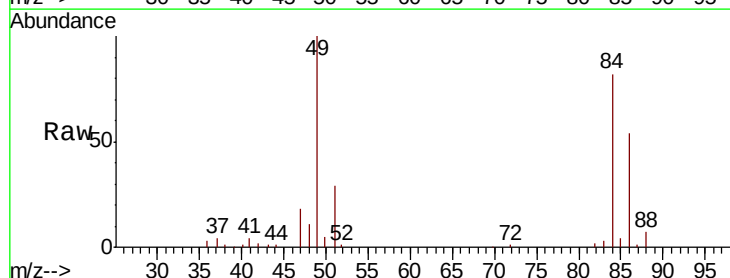
Abundance Ion 73.00 (72.70 to 73.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



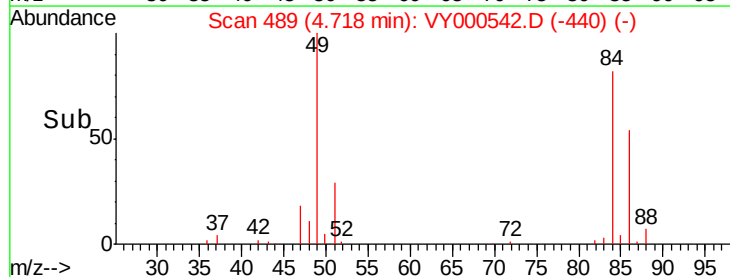
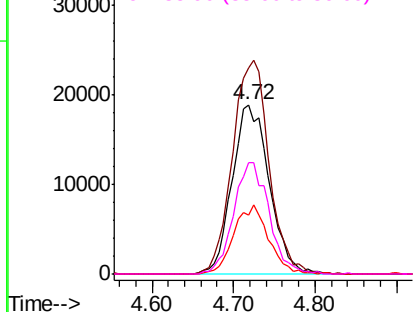
#20

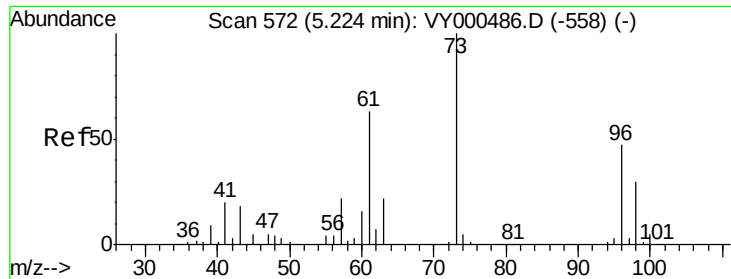
Methylene Chloride
 Concen: 19.918 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion: 84 Resp: 59616
 Ion Ratio Lower Upper
 84 100
 49 121.3 100.2 150.4
 51 35.0 29.6 44.4
 86 66.0 48.3 72.5



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





#21

trans-1,2-Dichloroethene

Concen: 20.297 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :

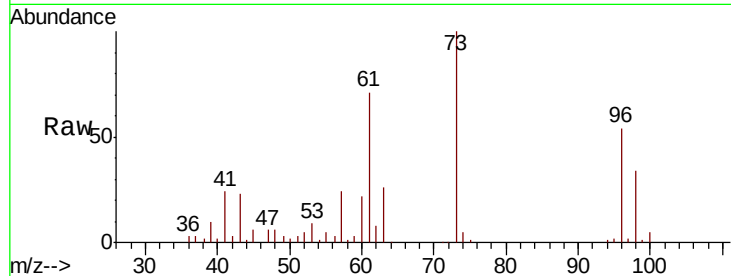
Tot Ion: 96 Resp: 56133

Ion Ratio Lower Upper

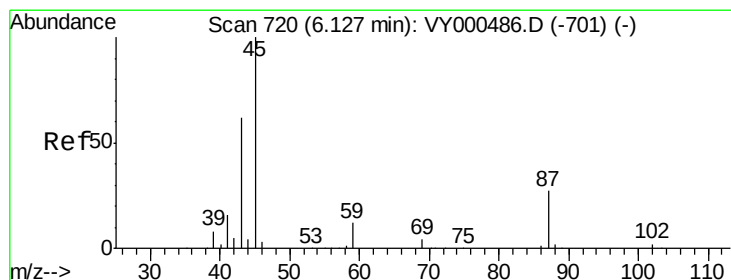
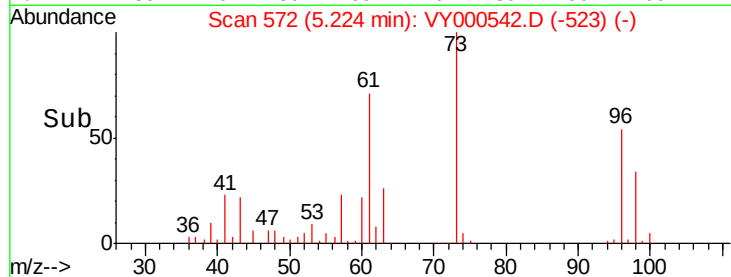
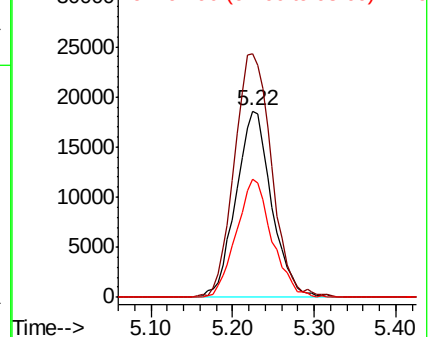
96 100

61 130.8 106.6 160.0

98 63.6 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: 20.083 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Tgt Ion: 45 Resp: 173635

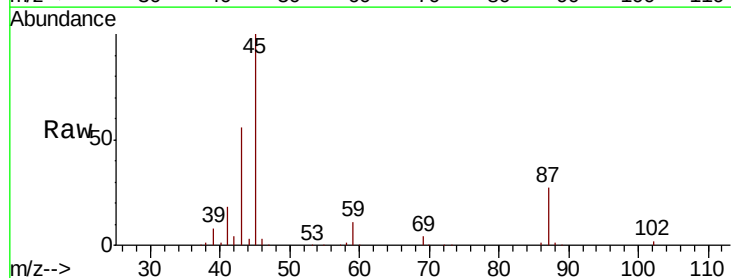
Ion Ratio Lower Upper

45 100

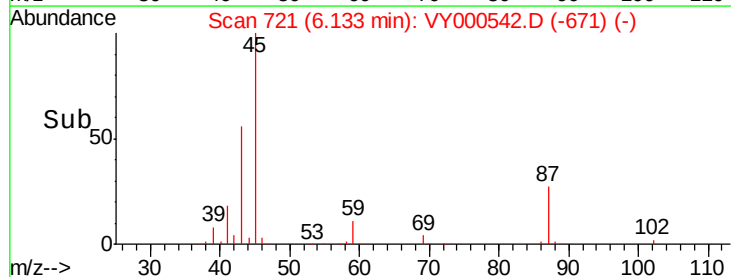
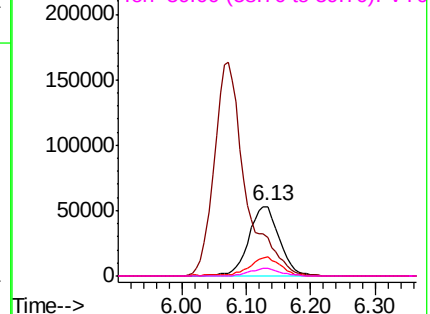
43 55.5 50.0 75.0

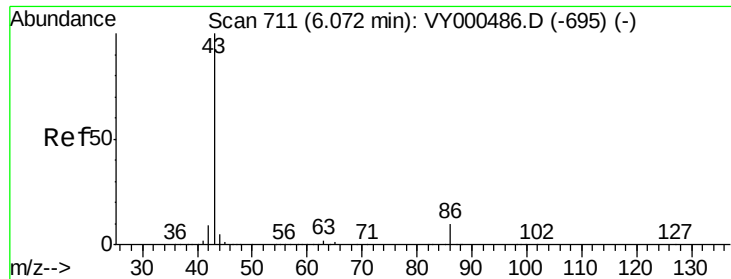
87 27.3 21.6 32.4

59 11.2 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: 101.334 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

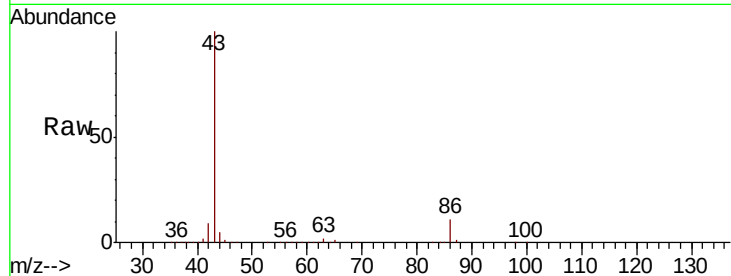
ClientSampled :

Tot Ion: 43 Resp: 553059

Ion Ratio Lower Upper

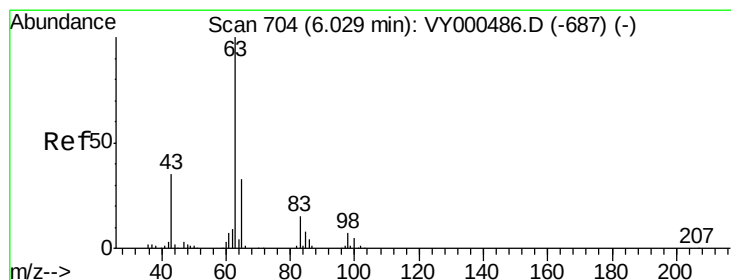
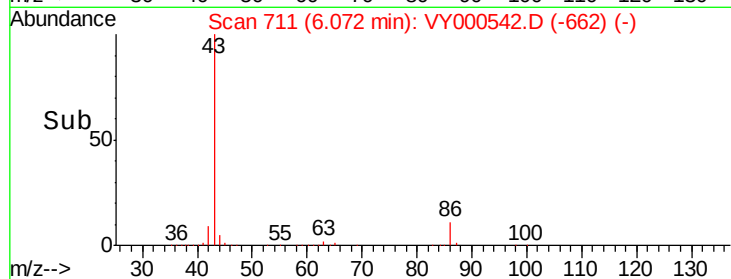
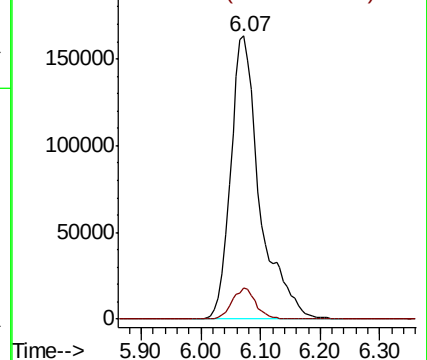
43 100

86 11.2 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.110 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

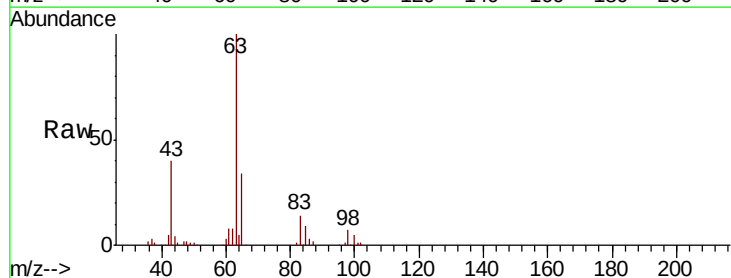
Tgt Ion: 63 Resp: 94195

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.6

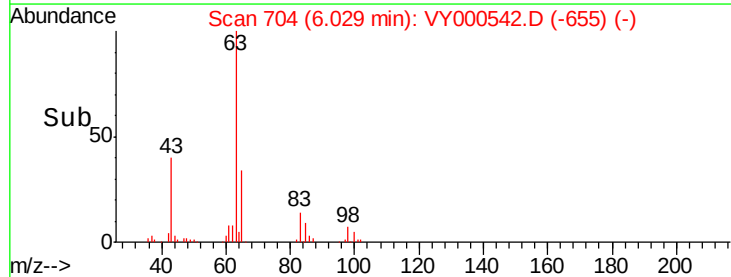
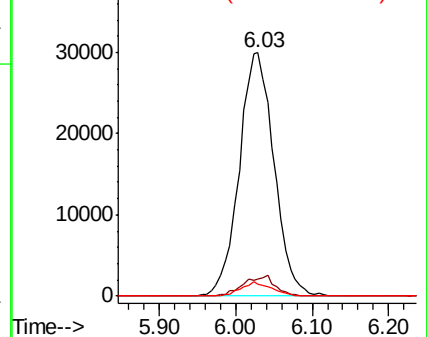
100 4.7 2.4 7.1

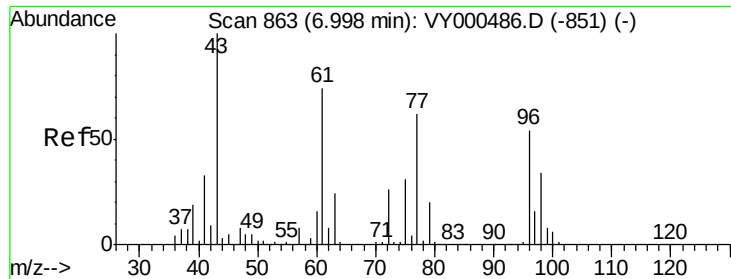


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 93.844 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

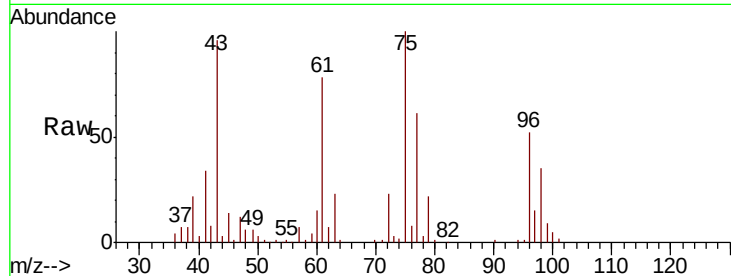
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 104615

Ion Ratio Lower Upper

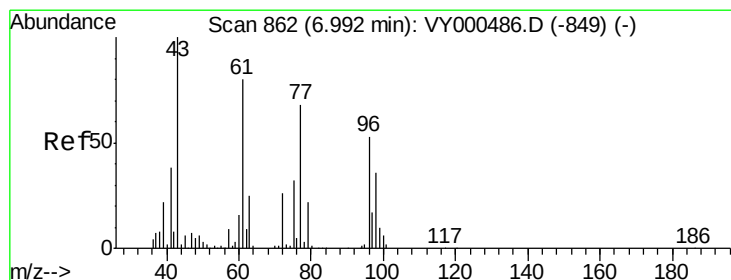
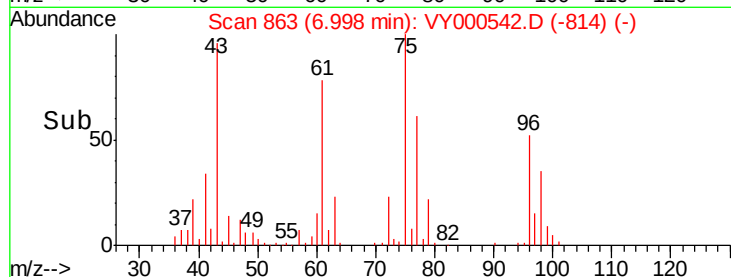
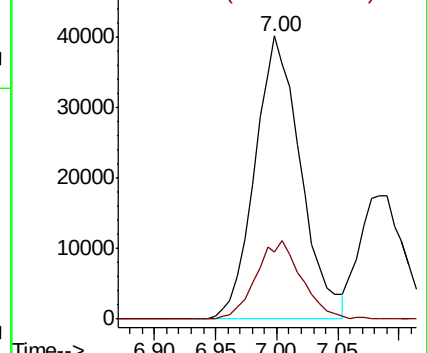
43 100

72 23.6 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: 20.629 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000542.D

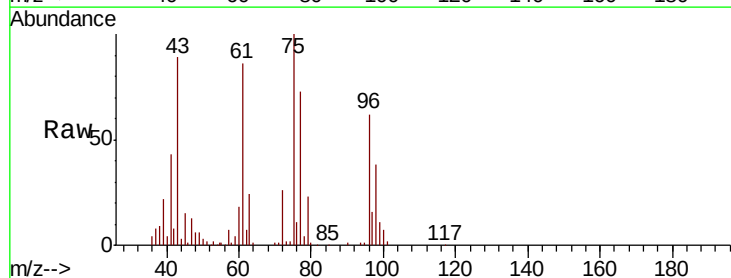
Acq: 06 Nov 2019 11:51

Tgt Ion: 77 Resp: 88302

Ion Ratio Lower Upper

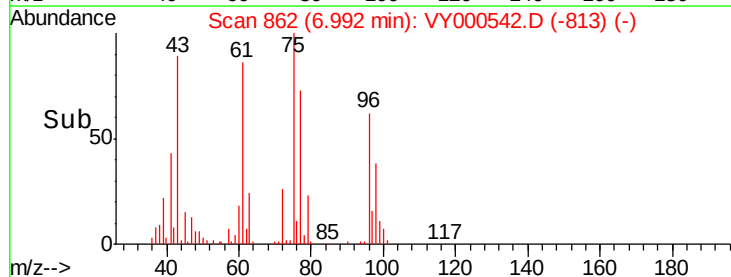
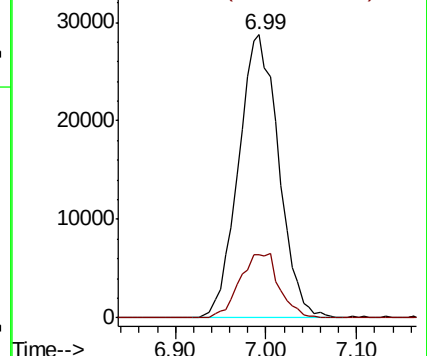
77 100

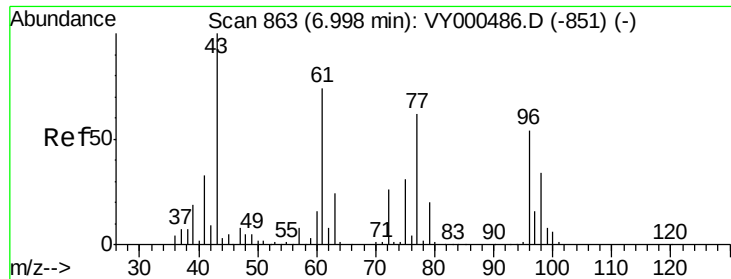
97 22.2 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



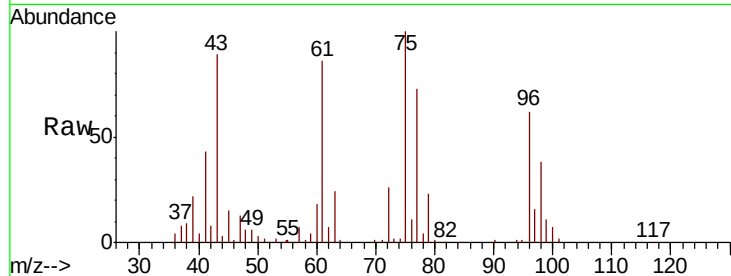


#27

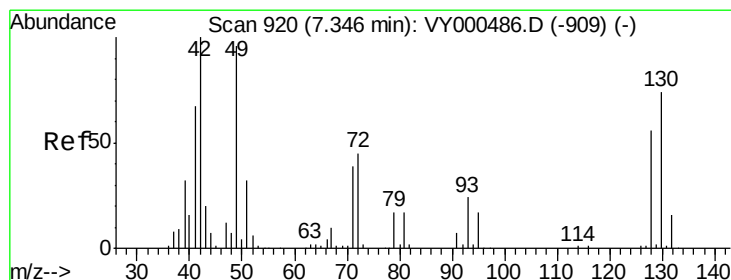
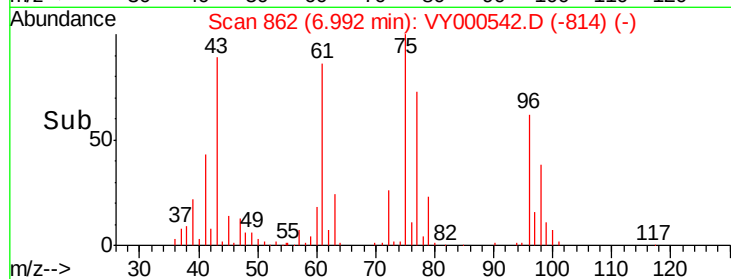
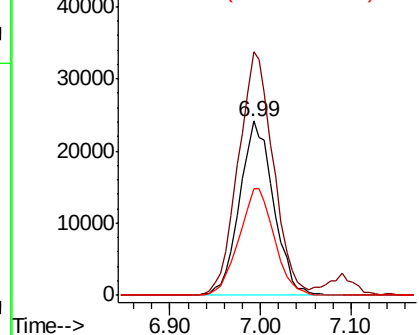
cis-1,2-Dichloroethene
Concen: 20.591 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 62269
Ion Ratio Lower Upper
96 100
61 144.7 0.0 287.0
98 64.0 0.0 129.4



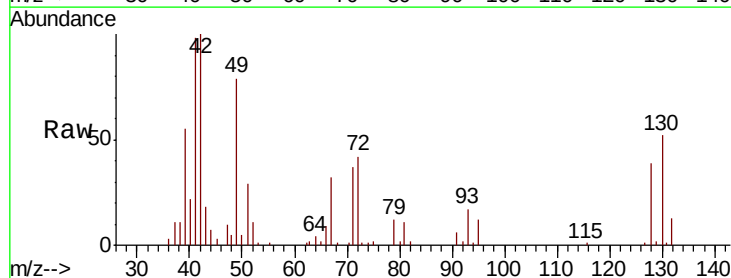
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



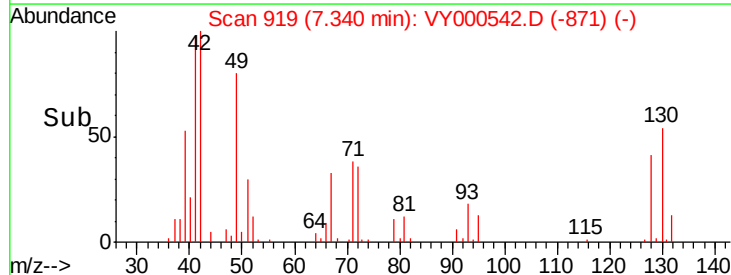
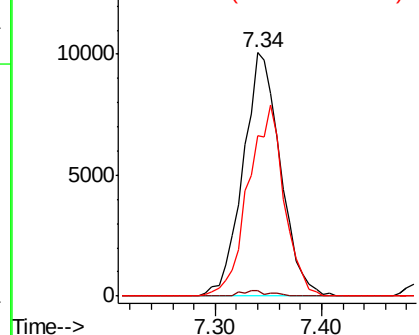
#28

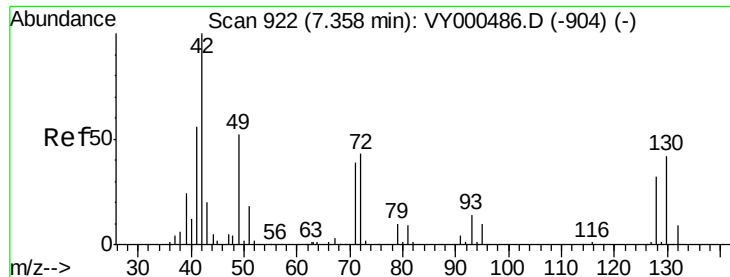
Bromochloromethane
Concen: 14.761 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion: 49 Resp: 24822
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 75.1 59.4 89.0



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





#29

Tetrahydrofuran

Concen: 98.683 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampleId :

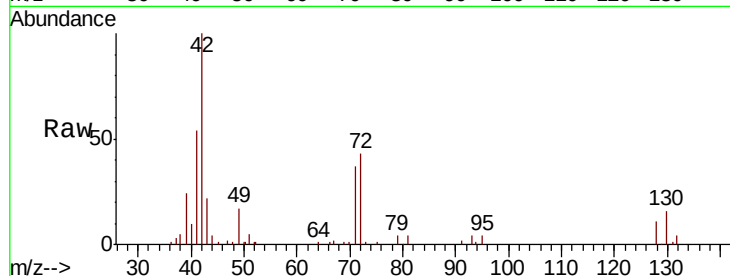
Tot Ion: 42 Resp: 67300

Ion Ratio Lower Upper

42 100

72 42.5 34.0 51.0

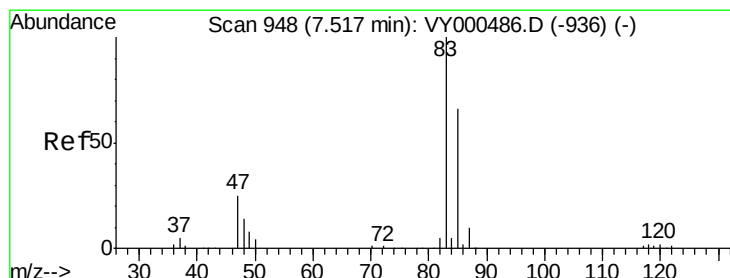
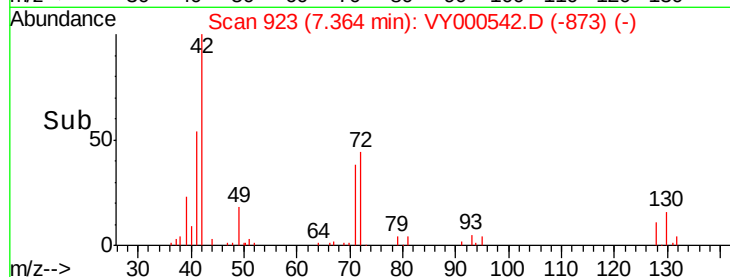
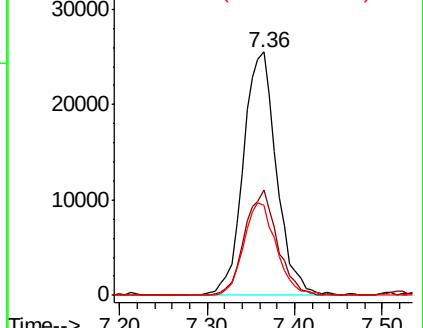
71 37.5 30.8 46.2



Abundance Ion 42.00 (41.70 to 42.70): VY000542.D (-873) (-)

Ion 72.00 (71.70 to 72.70): VY000542.D (-873) (-)

Ion 71.00 (70.70 to 71.70): VY000542.D (-873) (-)



#30

Chloroform

Concen: 20.687 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY000542.D

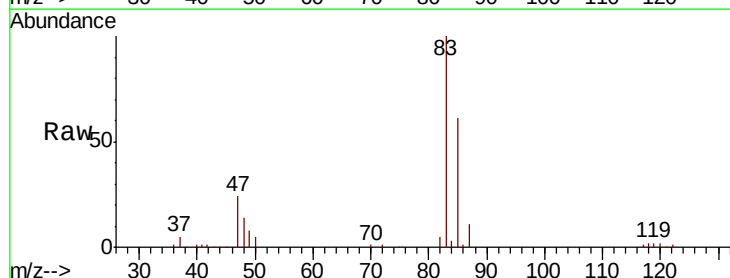
Acq: 06 Nov 2019 11:51

Tgt Ion: 83 Resp: 98022

Ion Ratio Lower Upper

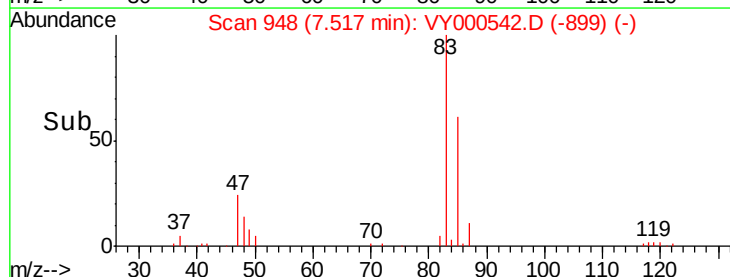
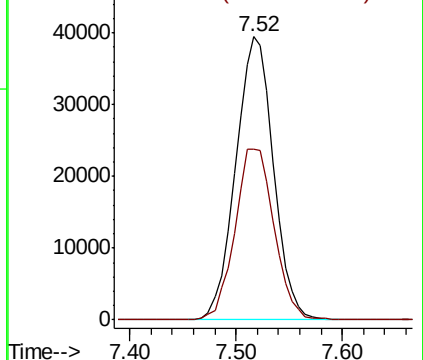
83 100

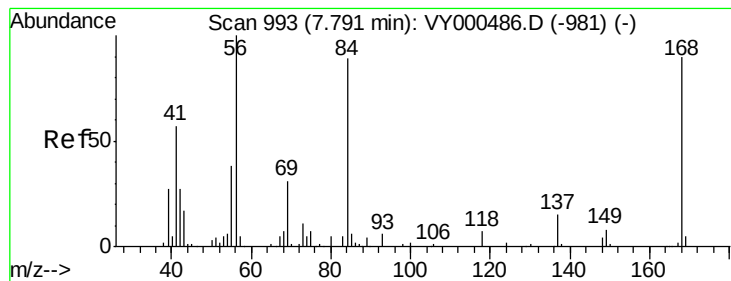
85 60.5 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VY000542.D (-899) (-)

Ion 84.90 (84.60 to 85.60): VY000542.D (-899) (-)





#31

Cyclohexane

Concen: 20.379 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampleId :

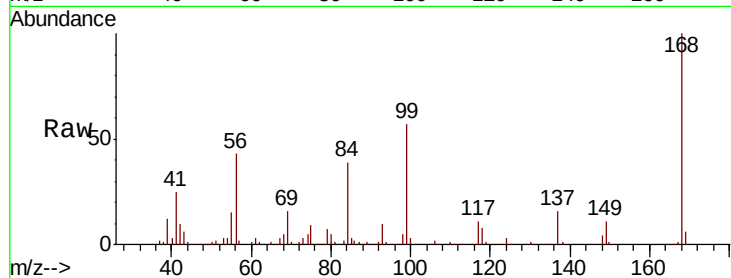
Tot Ion: 56 Resp: 99974

Ion Ratio Lower Upper

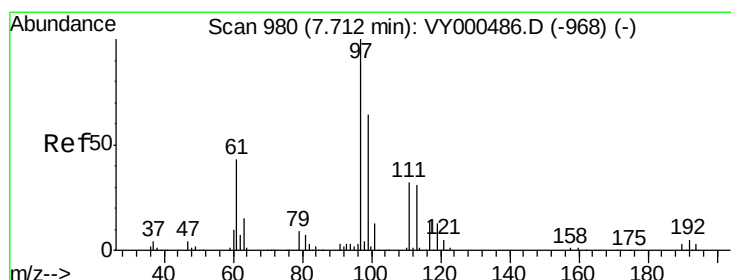
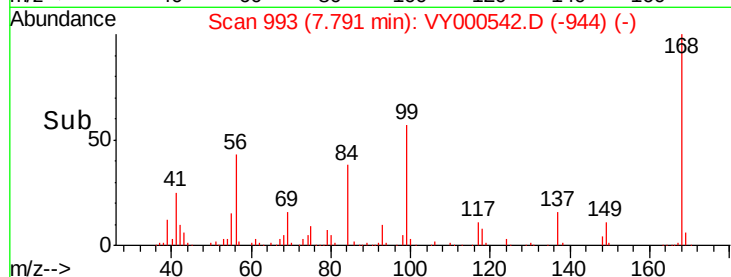
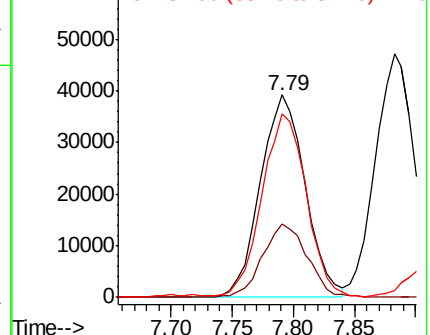
56 100

69 36.5 25.0 37.6

84 89.3 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: 20.601 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.01 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

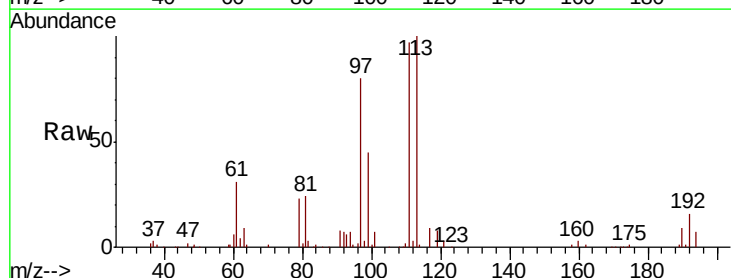
Tgt Ion: 97 Resp: 86995

Ion Ratio Lower Upper

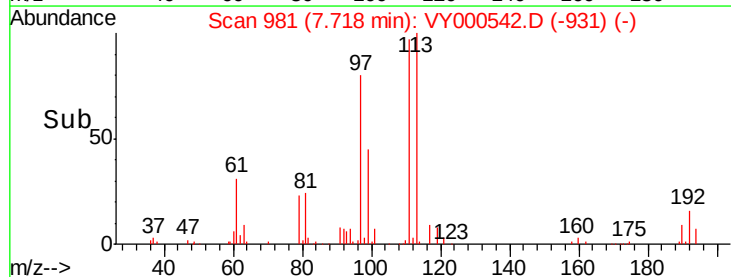
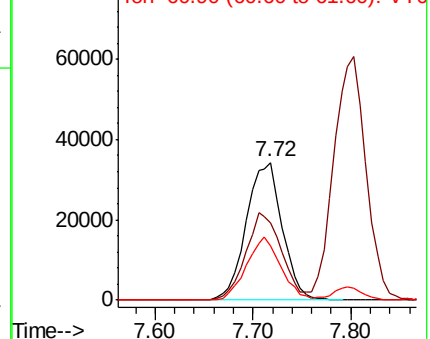
97 100

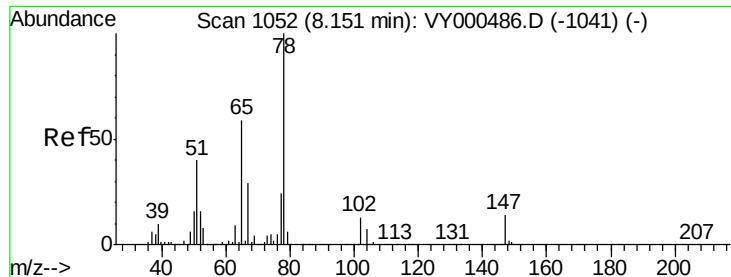
99 62.3 50.9 76.3

61 43.9 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

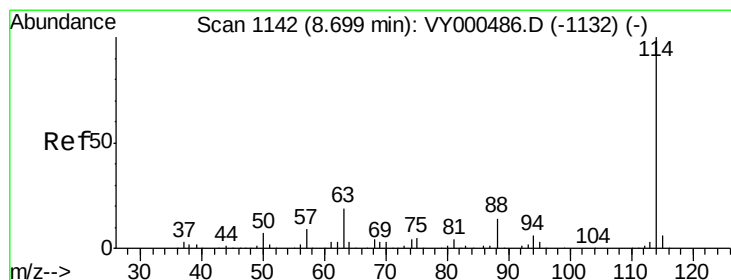
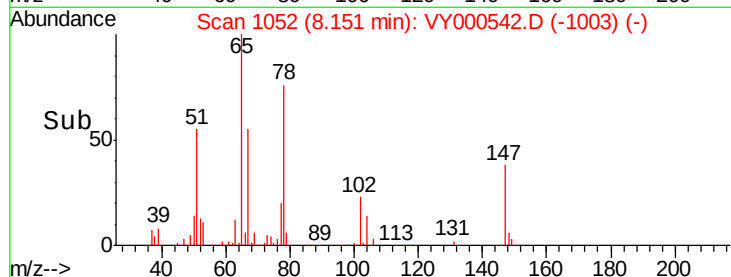
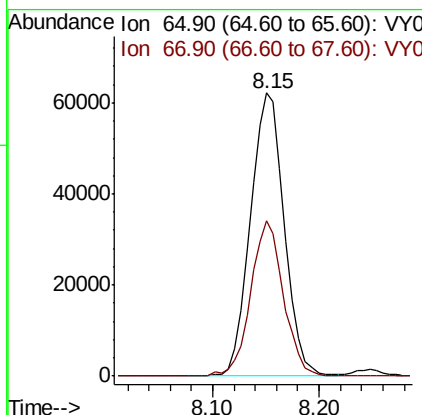
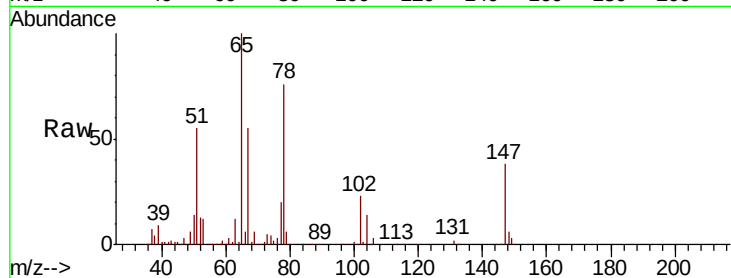




#33
 1,2-Dichloroethane-d4
 Concen: 54.515 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

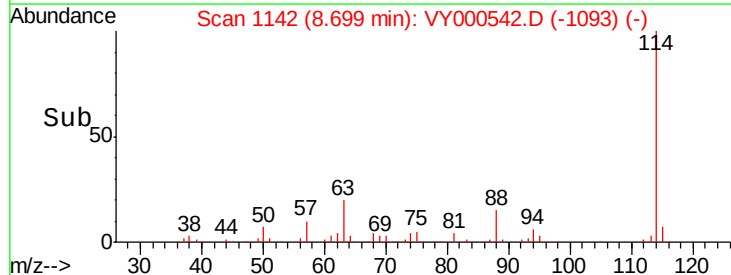
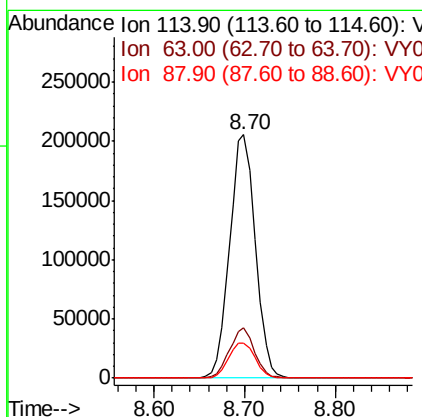
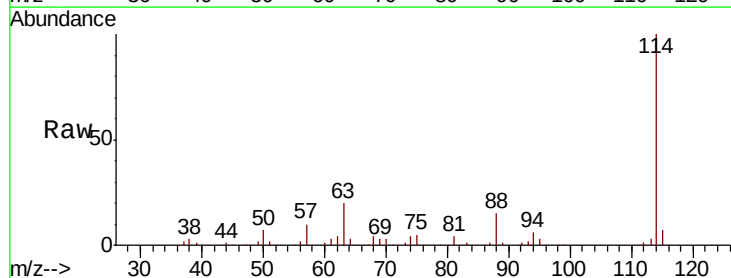
Instrument :
 MSVOA_Y
 ClientSampleId :

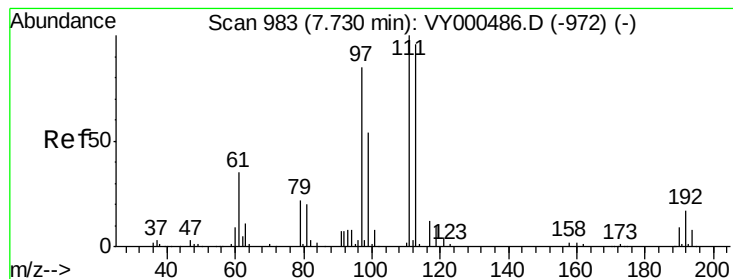
Tot Ion: 65 Resp: 138162
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion: 114 Resp: 403638
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 38.0
 88 14.6 0.0 28.6





#35

Dibromofluoromethane

Concen: 52.381 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :

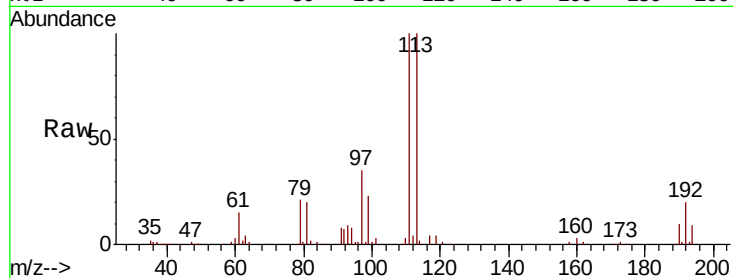
Tot Ion:113 Resp: 124122

Ion Ratio Lower Upper

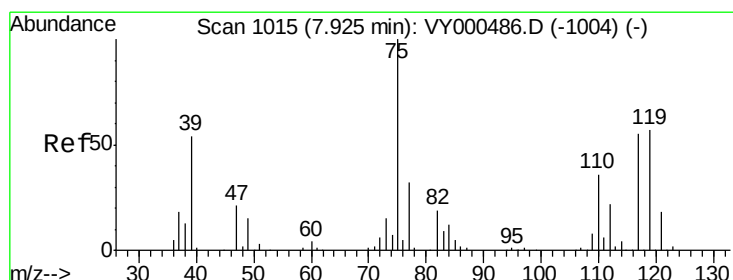
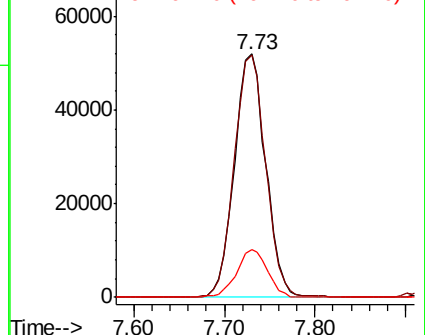
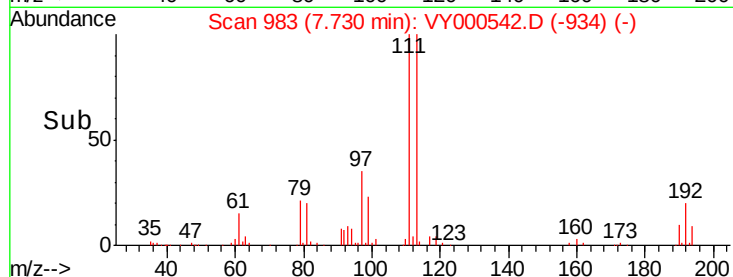
113 100

111 99.9 81.7 122.5

192 19.5 15.0 22.4



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



#36

1,1-Dichloropropene

Concen: 20.769 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

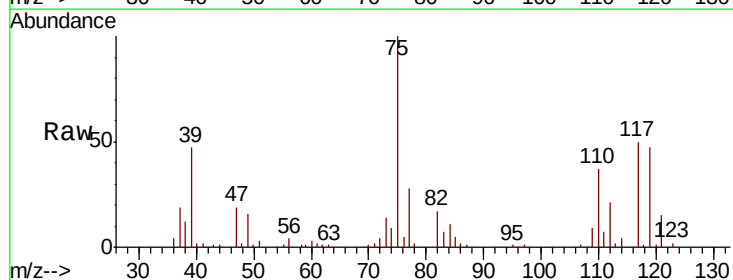
Tgt Ion: 75 Resp: 79252

Ion Ratio Lower Upper

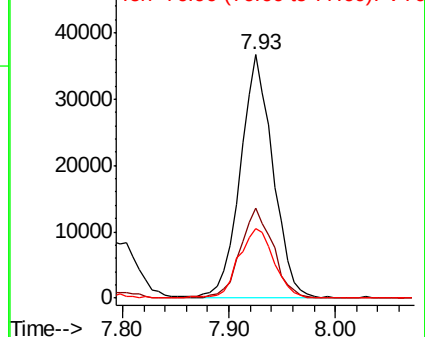
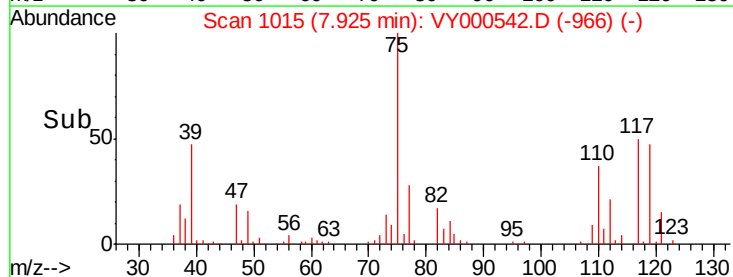
75 100

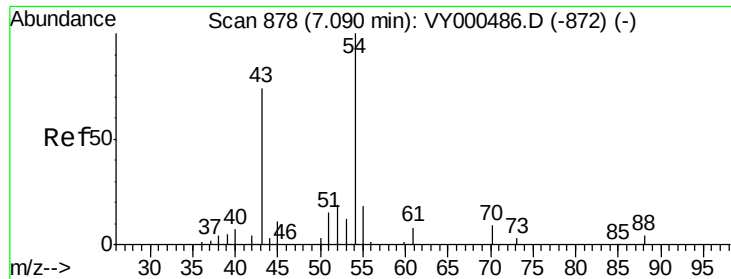
110 36.8 18.1 54.1

77 30.7 25.0 37.6



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

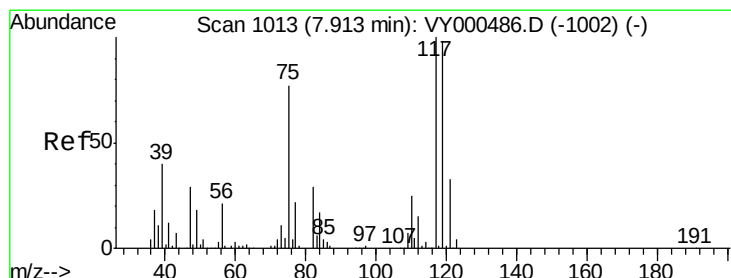
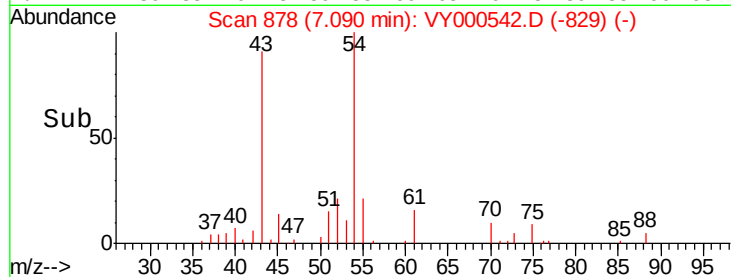
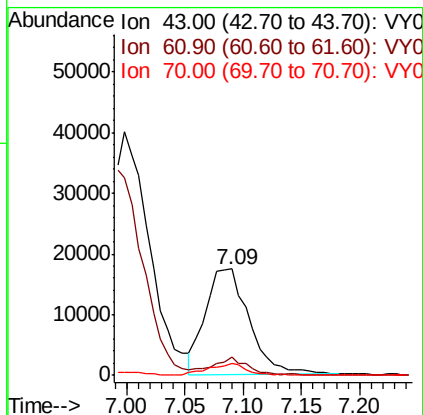
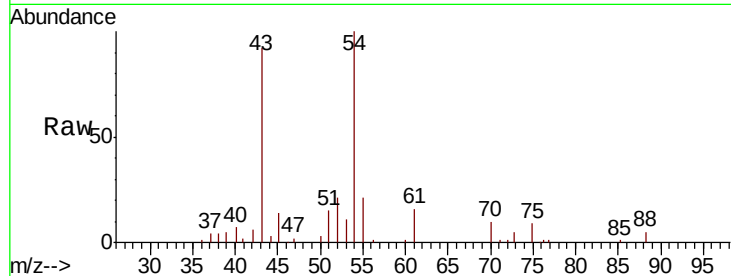




#37
Ethyl Acetate
Concen: 20.075 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

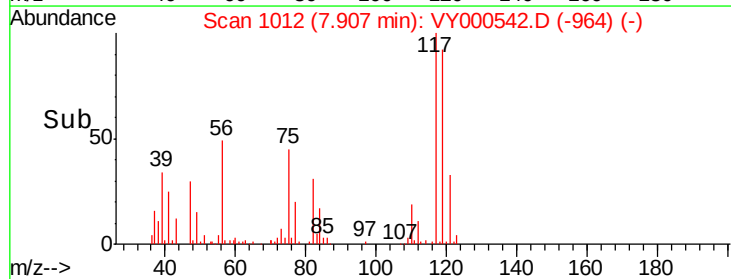
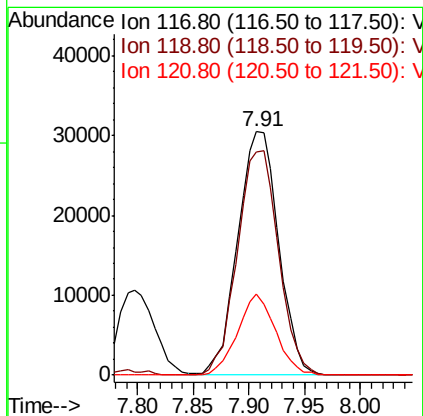
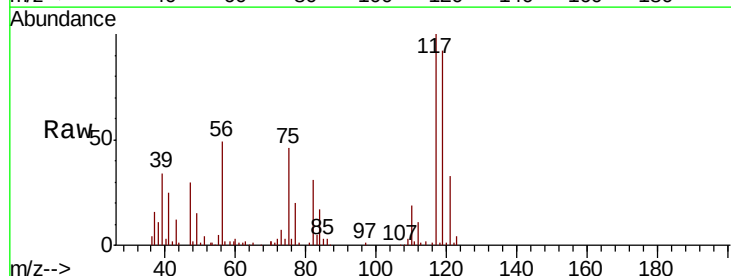
Instrument :
MSVOA_Y
ClientSampled :

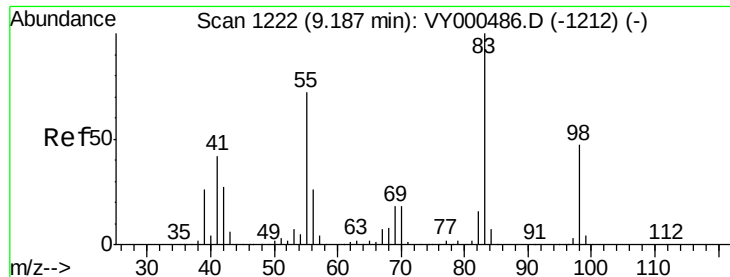
Tot Ion: 43 Resp: 45478
Ion Ratio Lower Upper
43 100
61 14.2 10.2 15.2
70 9.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 21.224 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion: 117 Resp: 77929
Ion Ratio Lower Upper
117 100
119 91.8 78.0 117.0
121 33.5 26.6 40.0

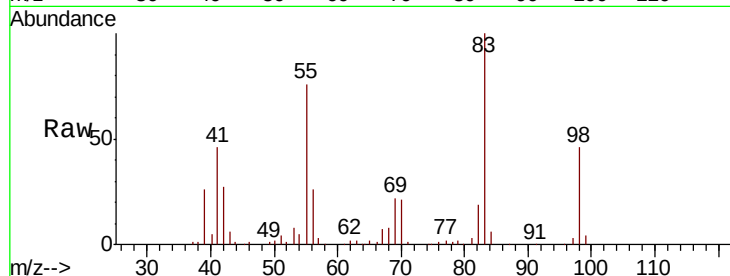




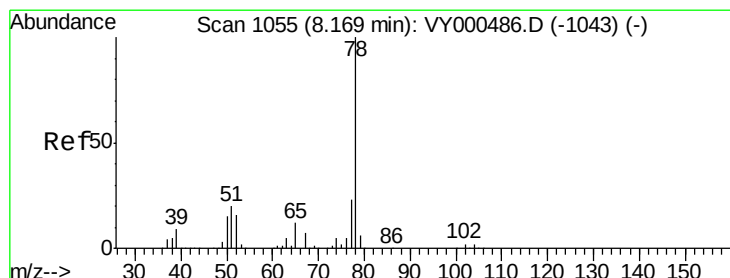
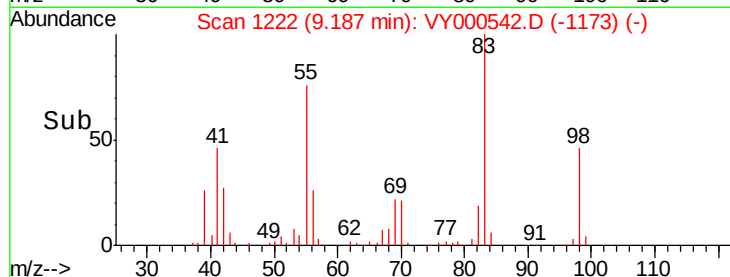
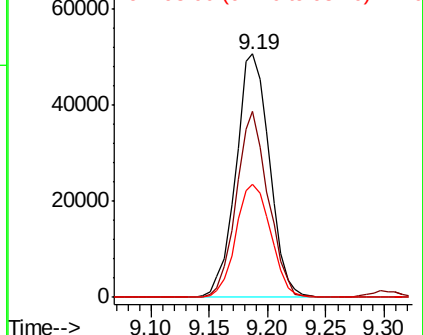
#39
Methylvlcyclohexane
Concen: 20.636 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 101729
Ion Ratio Lower Upper
83 100
55 76.3 57.5 86.3
98 46.4 38.0 57.0

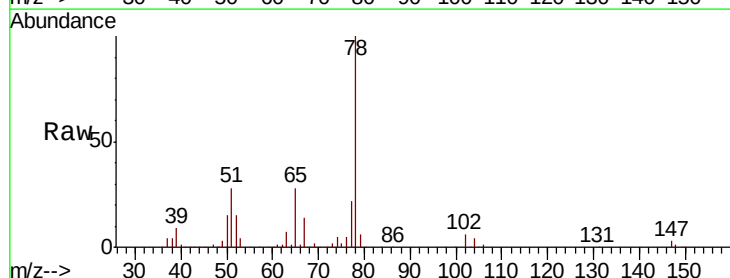


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

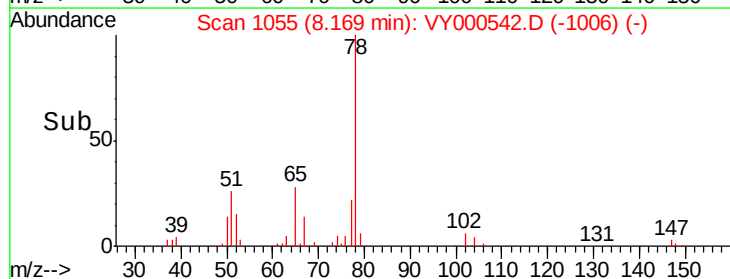
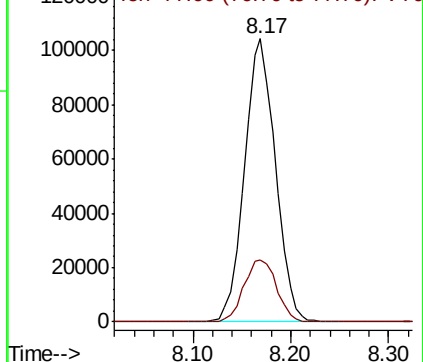


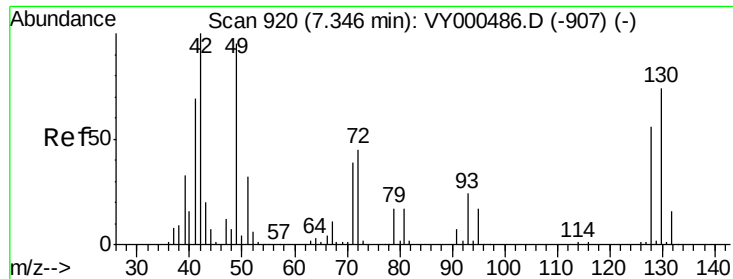
#40
Benzene
Concen: 20.349 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion: 78 Resp: 227641
Ion Ratio Lower Upper
78 100
77 21.9 18.6 28.0



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

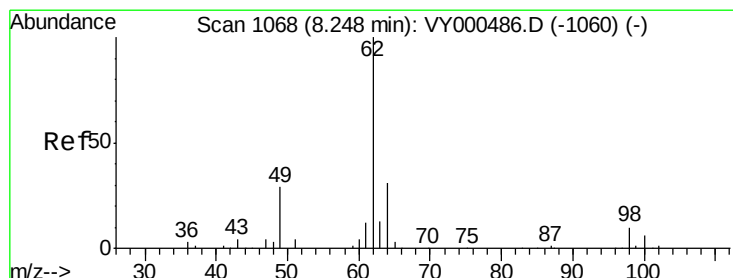
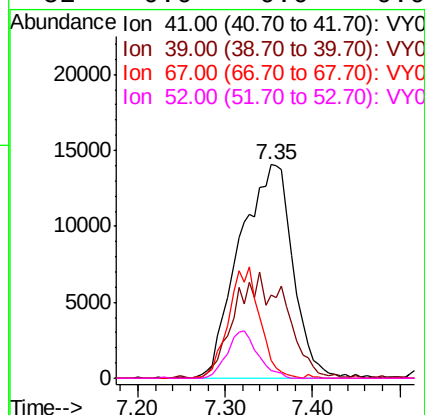
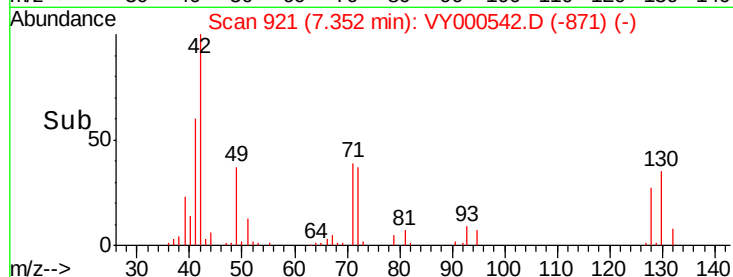
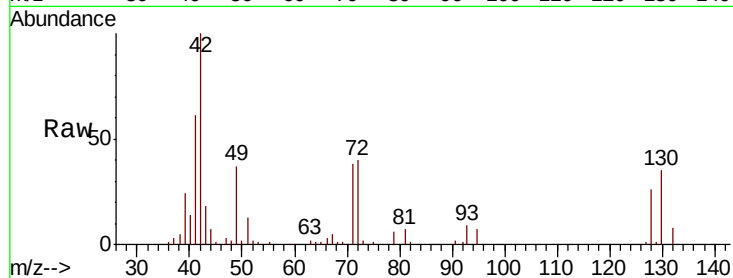




#41
Methacrylonitrile
Concen: 47.188 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

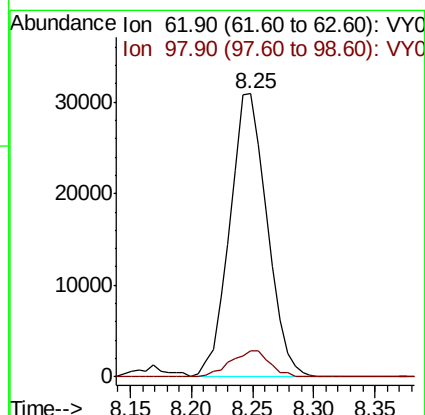
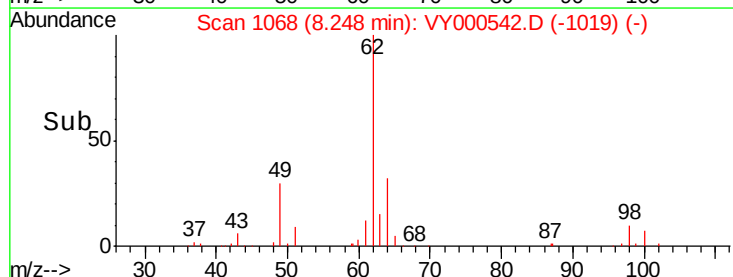
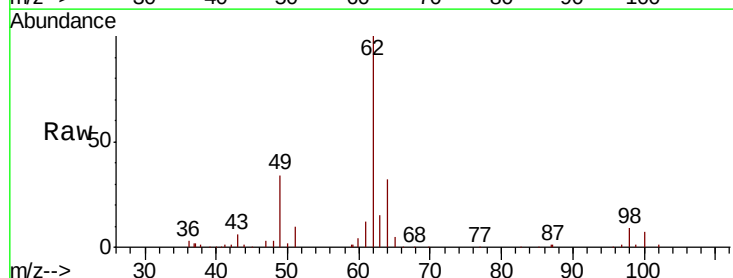
Instrument :
MSVOA_Y
ClientSampleId :

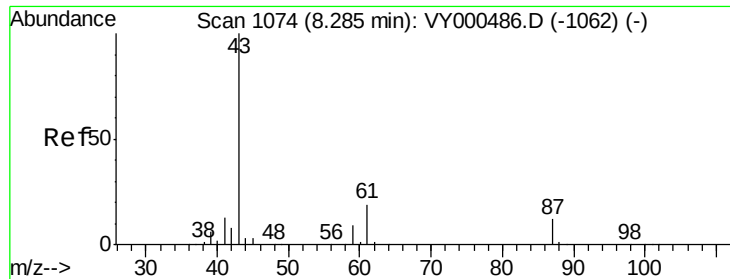
Tot Ion: 41 Resp: 59637
Ion Ratio Lower Upper
41 100
39 34.7 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.643 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion: 62 Resp: 65500
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2





#43

Isopropyl Acetate

Concen: 20.190 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampled :

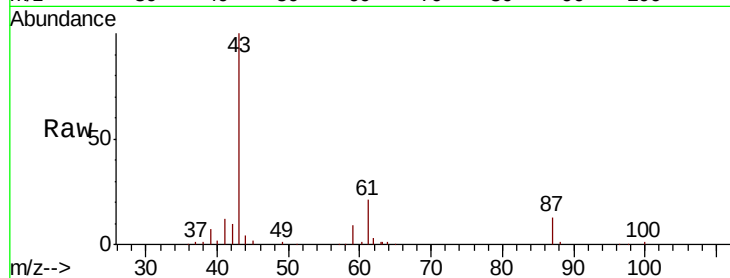
Tot Ion: 43 Resp: 85922

Ion Ratio Lower Upper

43 100

61 28.9 23.0 34.4

87 12.9 10.5 15.7

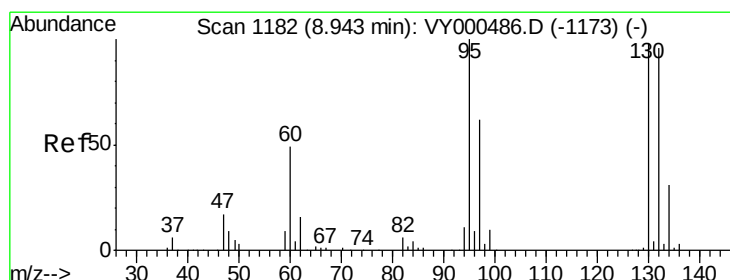
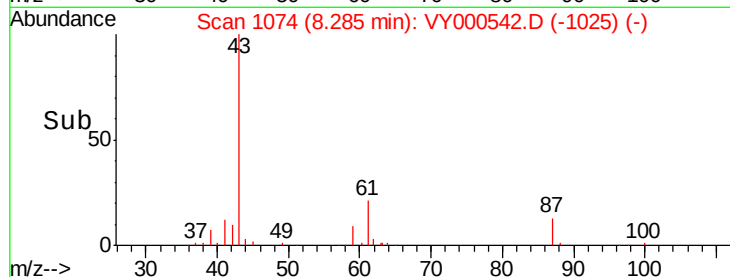


Abundance Ion 43.00 (42.70 to 43.70): VY000542.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000542.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000542.D (-1062) (-)

Time-->



#44

Trichloroethene

Concen: 20.619 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000542.D

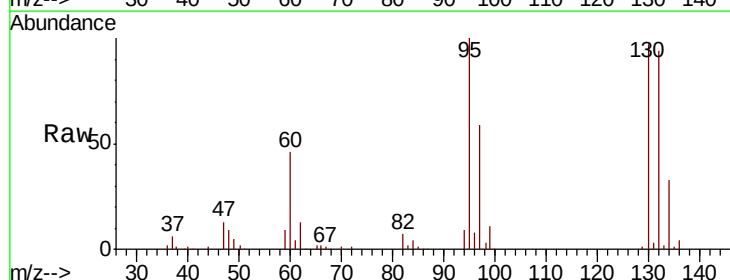
Acq: 06 Nov 2019 11:51

Tgt Ion:130 Resp: 60818

Ion Ratio Lower Upper

130 100

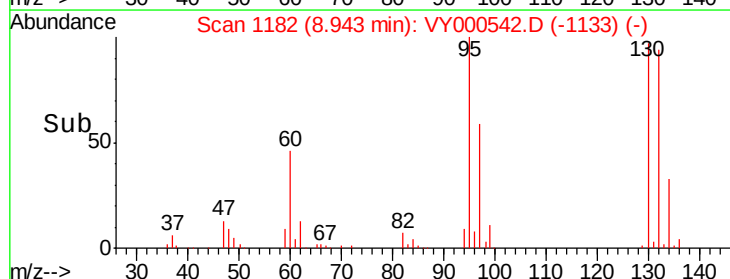
95 102.6 0.0 203.2

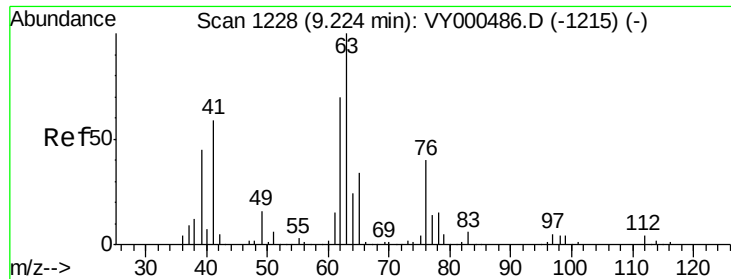


Abundance Ion 129.80 (129.50 to 130.50): VY000542.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000542.D (-1173) (-)

Time-->

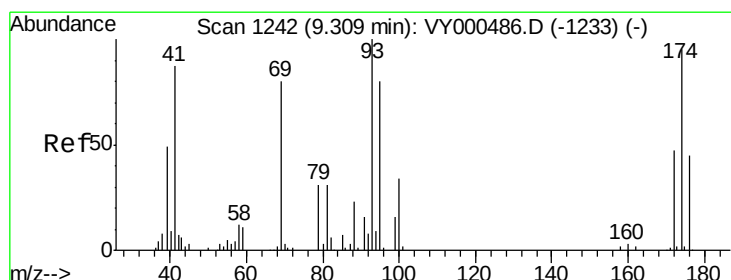
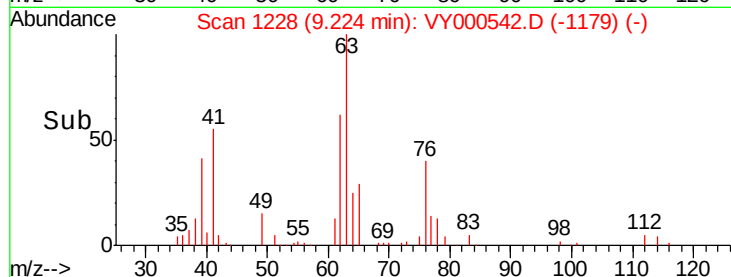
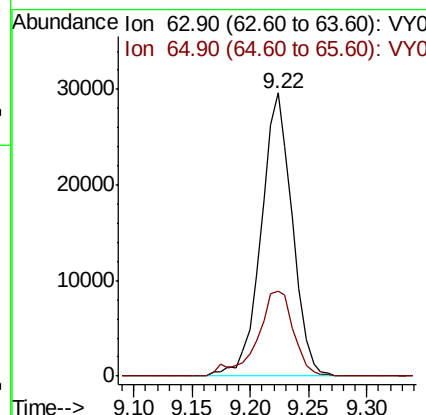
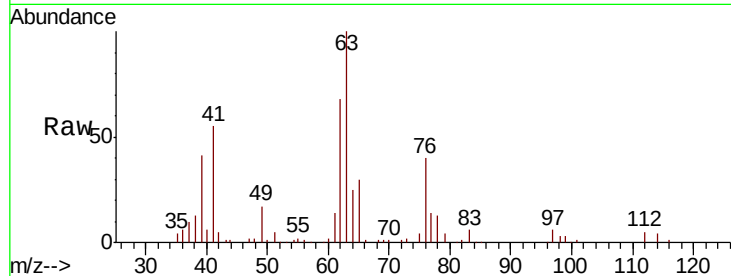




#45
 1,2-Dichloropropane
 Concen: 20.033 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

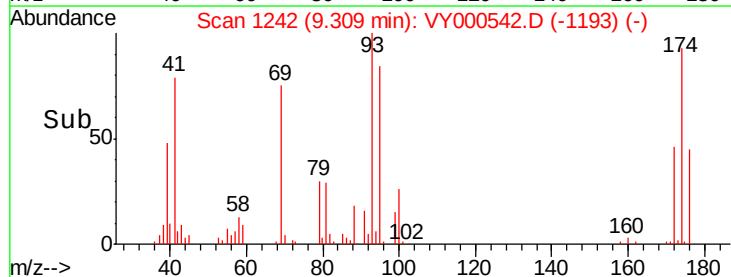
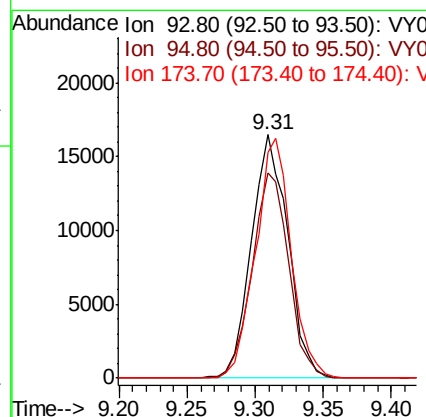
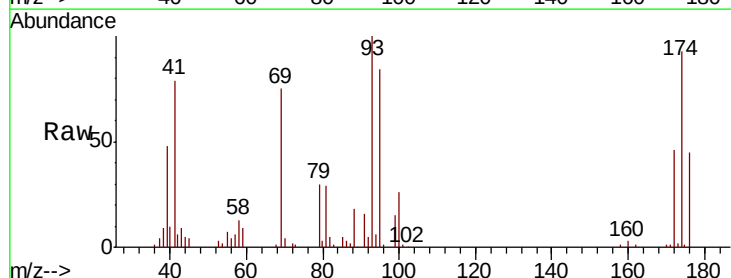
Instrument :
 MSVOA_Y
 ClientSampleId :

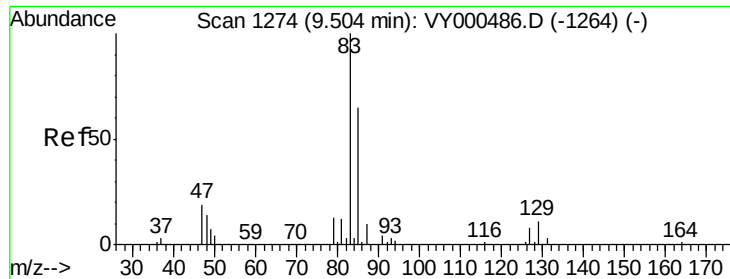
Tot Ion: 63 Resp: 55158
 Ion Ratio Lower Upper
 63 100
 65 30.0 27.0 40.4



#46
 Dibromomethane
 Concen: 20.412 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion: 93 Resp: 30908
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.4 99.6
 174 96.8 77.1 115.7





#47

Bromodichloromethane

Concen: 20.458 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampleId :

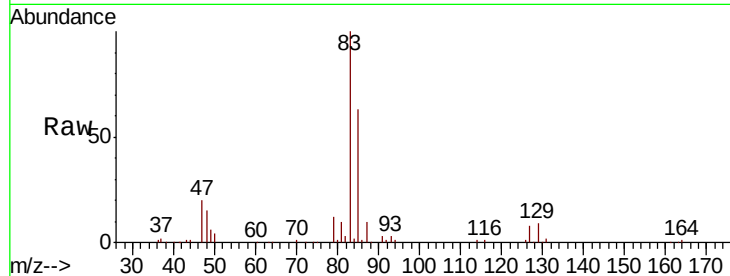
Tot Ion: 83 Resp: 73504

Ion Ratio Lower Upper

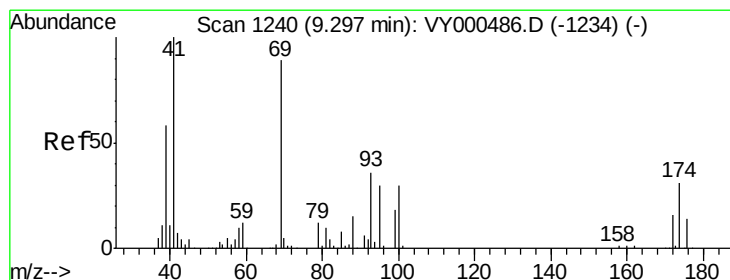
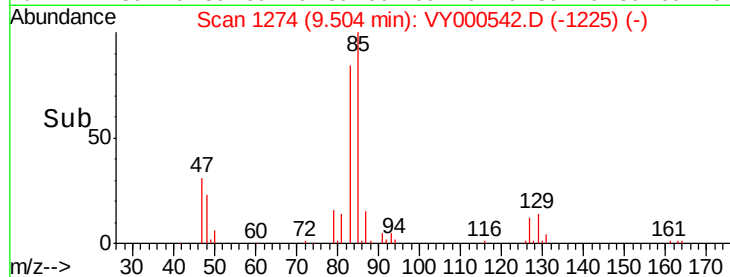
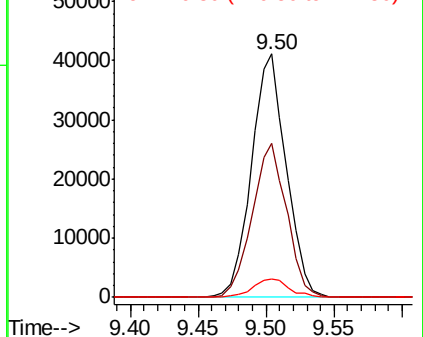
83 100

85 63.4 51.8 77.8

127 7.6 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): VY0



#48

Methyl methacrylate

Concen: 19.802 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

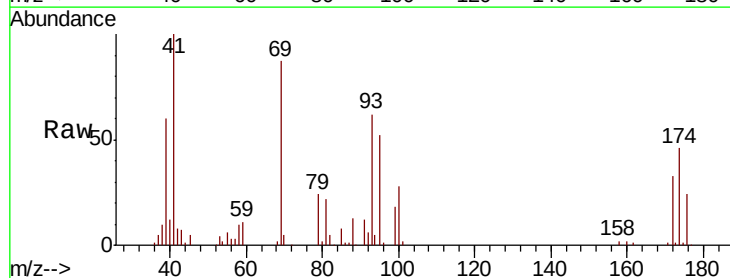
Tgt Ion: 41 Resp: 36819

Ion Ratio Lower Upper

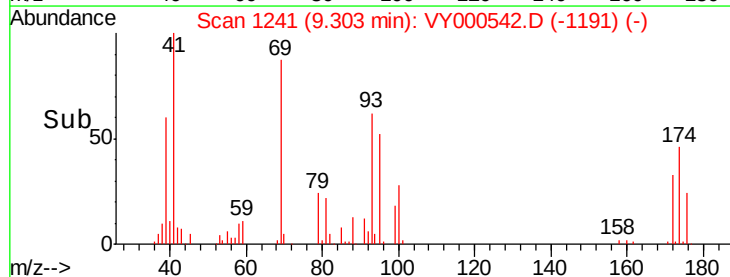
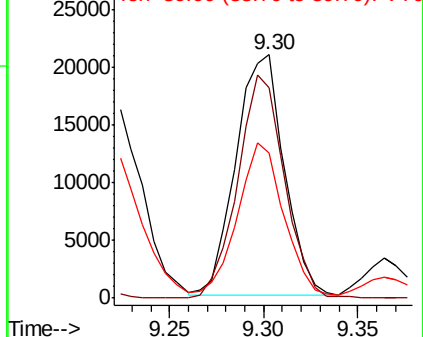
41 100

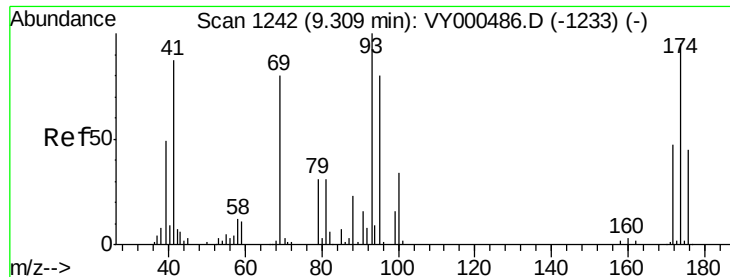
69 90.0 72.5 108.7

39 63.5 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

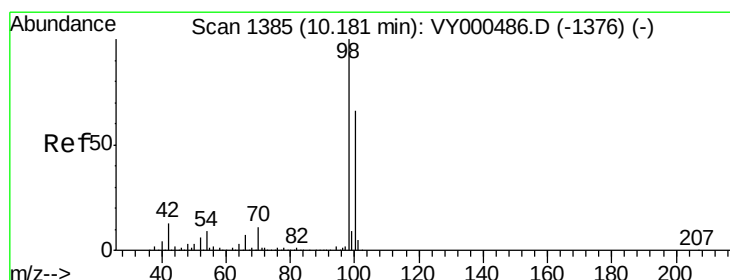
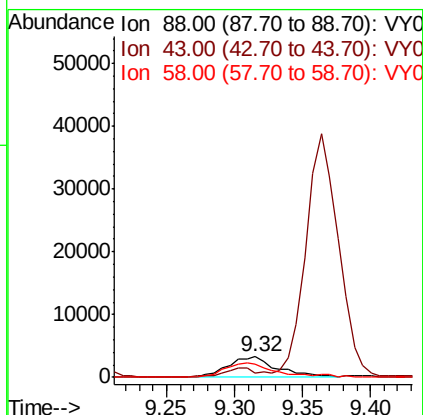
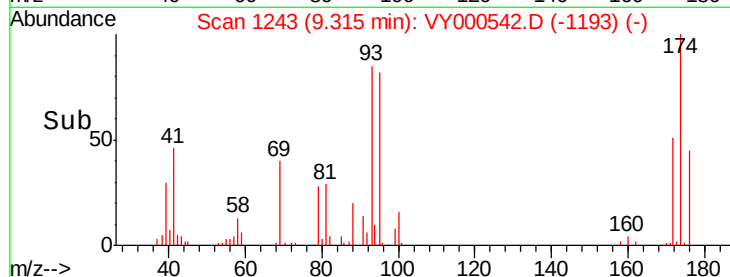
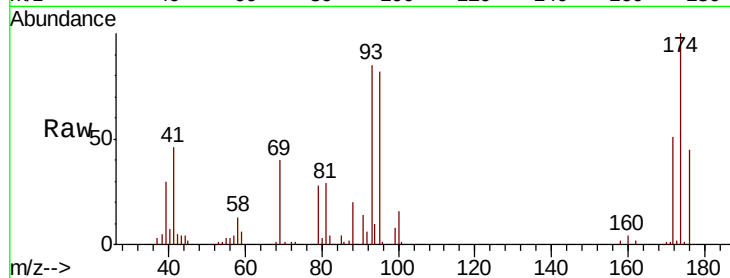




#49
1,4-Dioxane
Concen: 402.516 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

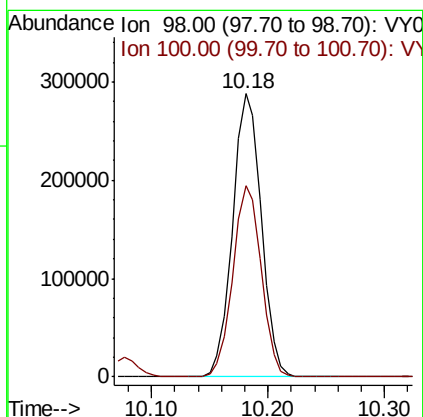
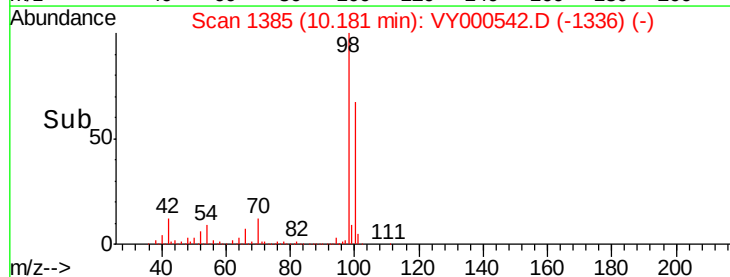
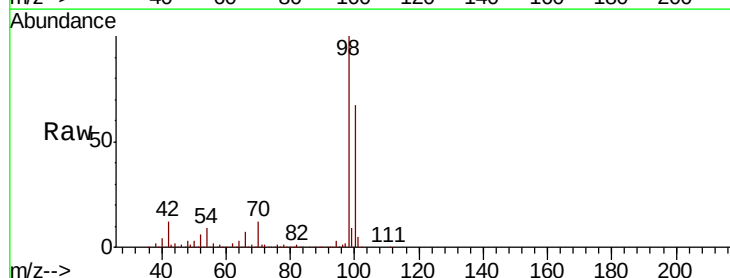
Instrument :
MSVOA_Y
ClientSampled :

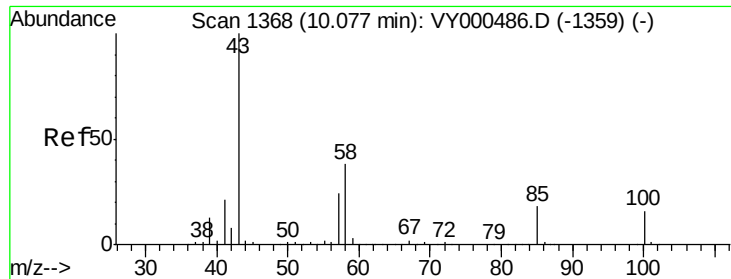
Tot Ion: 88 Resp: 8203
Ion Ratio Lower Upper
88 100
43 34.0 25.1 37.7
58 75.6 50.6 75.8



#50
Toluene-d8
Concen: 54.977 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion: 98 Resp: 494325
Ion Ratio Lower Upper
98 100
100 67.0 52.9 79.3

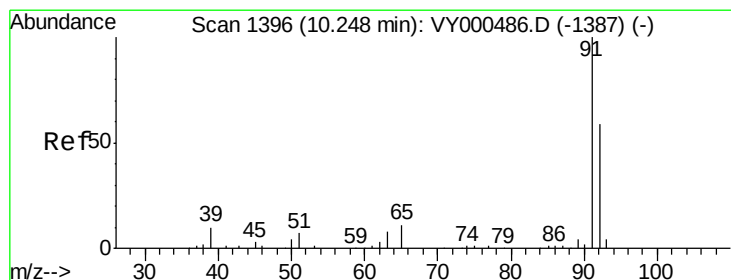
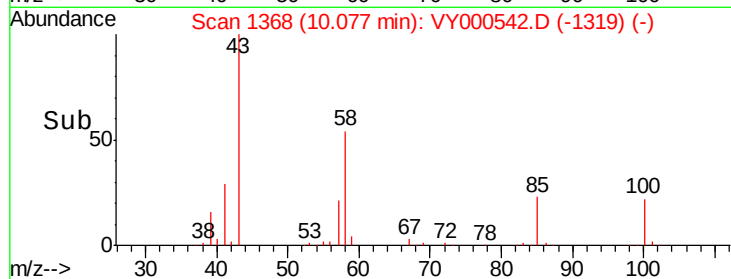
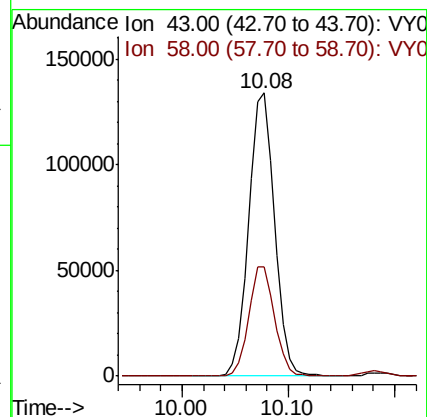
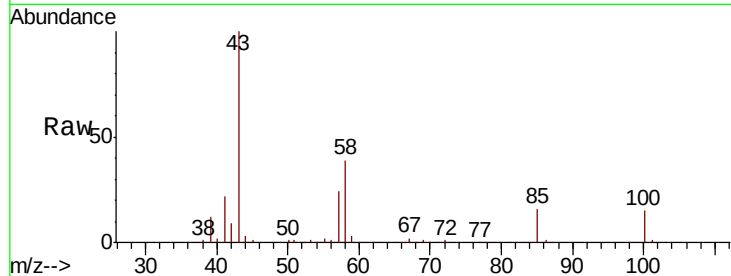




#51
4-Methyl-2-Pentanone
Concen: 101.378 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

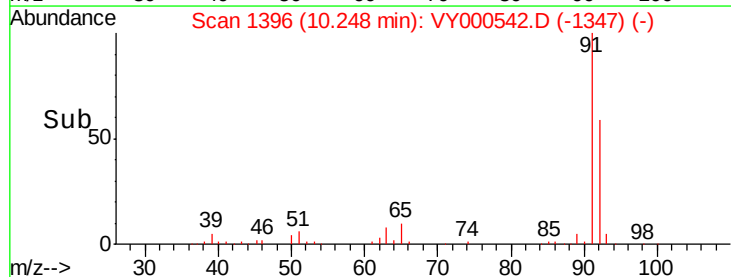
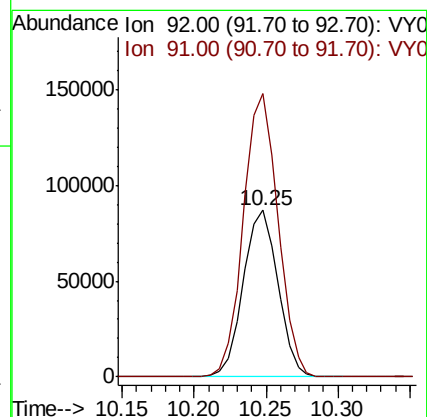
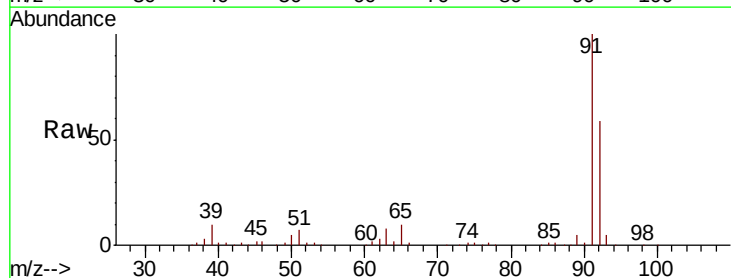
Instrument :
MSVOA_Y
ClientSampleId :

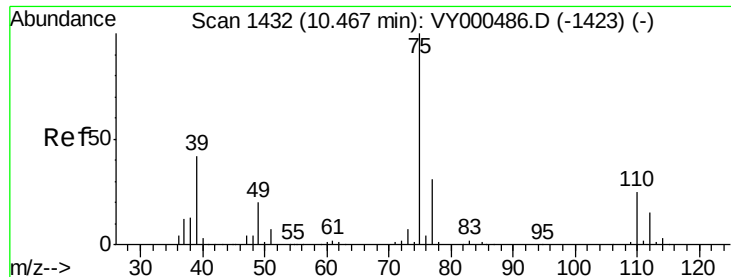
Tot Ion: 43 Resp: 229382
Ion Ratio Lower Upper
43 100
58 38.4 30.2 45.4



#52
Toluene
Concen: 20.588 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion: 92 Resp: 145617
Ion Ratio Lower Upper
92 100
91 169.3 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 20.103 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

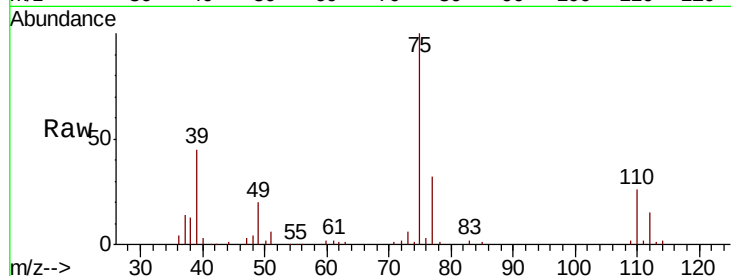
ClientSampled :

Tot Ion: 75 Resp: 77177

Ion Ratio Lower Upper

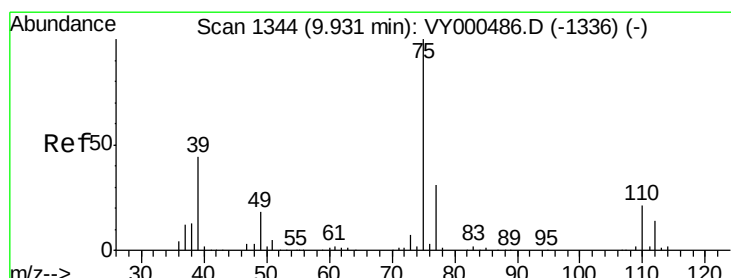
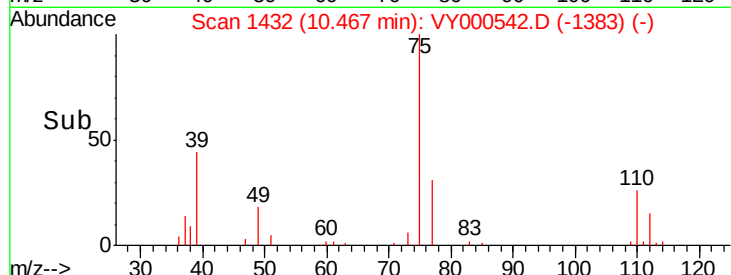
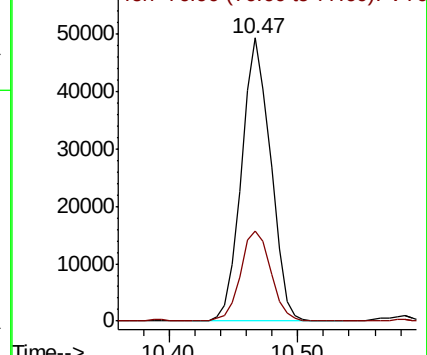
75 100

77 31.9 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: 20.611 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

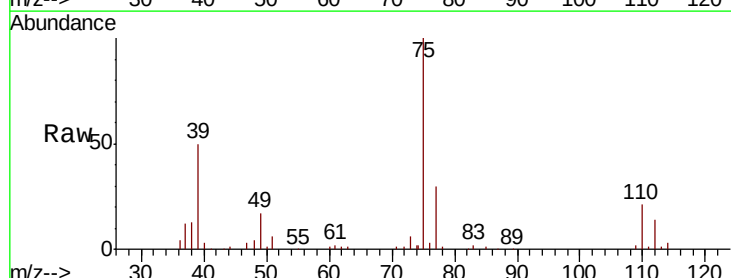
Tgt Ion: 75 Resp: 90646

Ion Ratio Lower Upper

75 100

77 30.2 24.5 36.7

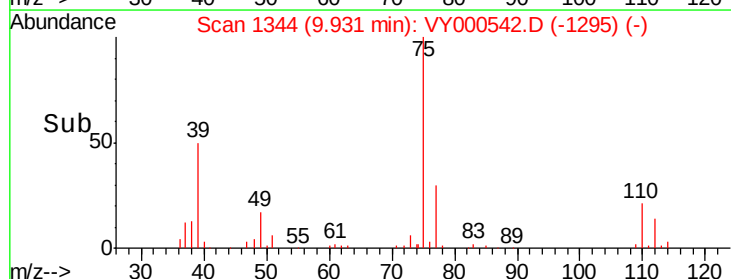
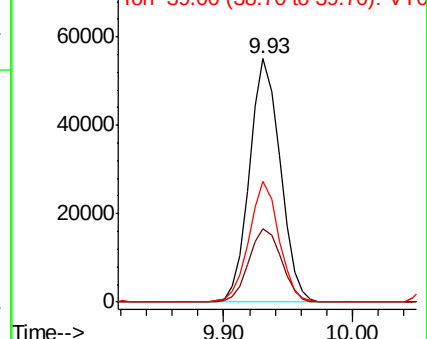
39 49.8 35.4 53.2

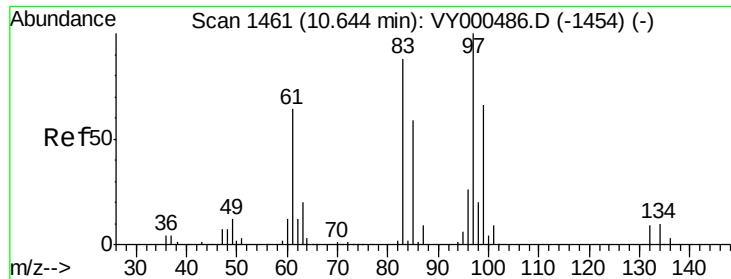


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

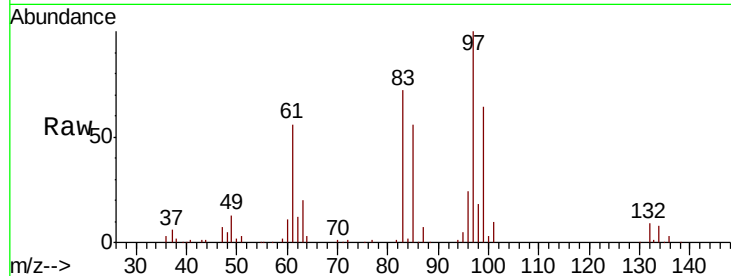




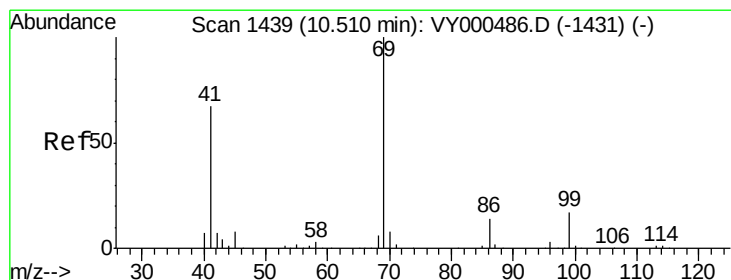
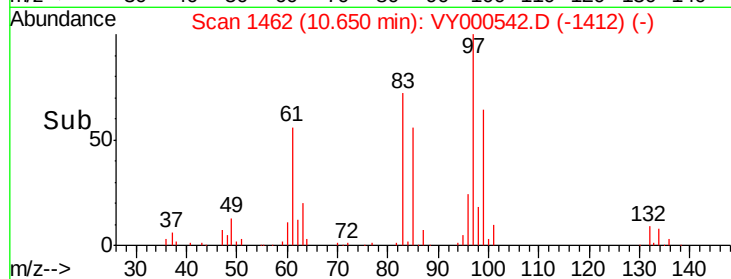
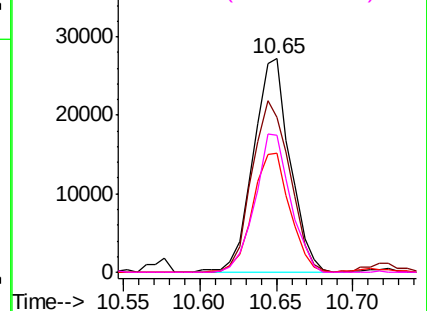
#55
 1,1,2-Trichloroethane
 Concen: 20.790 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 45533
 Ion Ratio Lower Upper
 97 100
 83 72.3 70.2 105.4
 85 55.6 46.9 70.3
 99 64.3 52.6 78.8

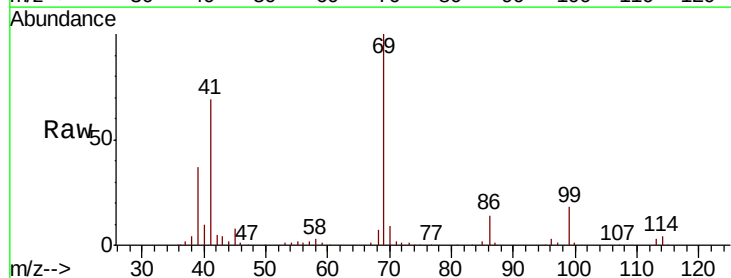


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

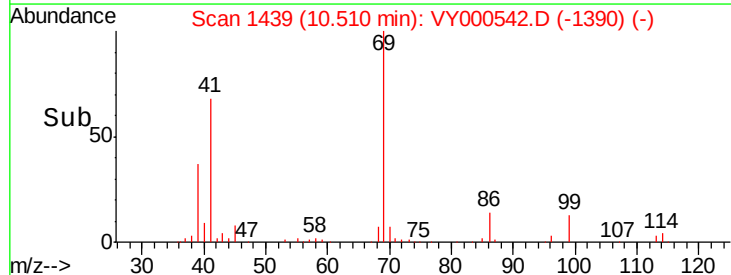
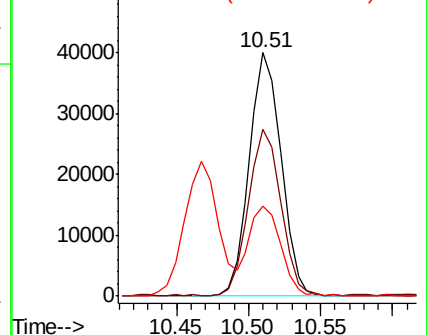


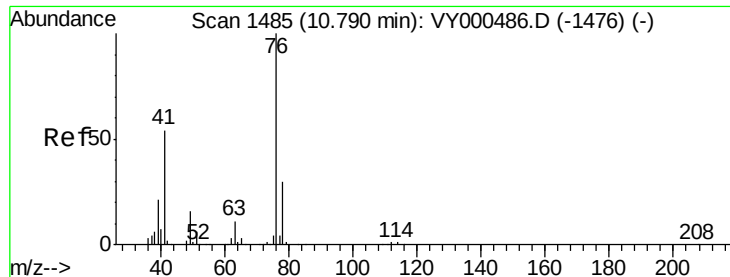
#56
 Ethyl methacrylate
 Concen: 19.750 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion: 69 Resp: 61308
 Ion Ratio Lower Upper
 69 100
 41 69.2 53.3 79.9
 39 36.8 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: 20.850 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

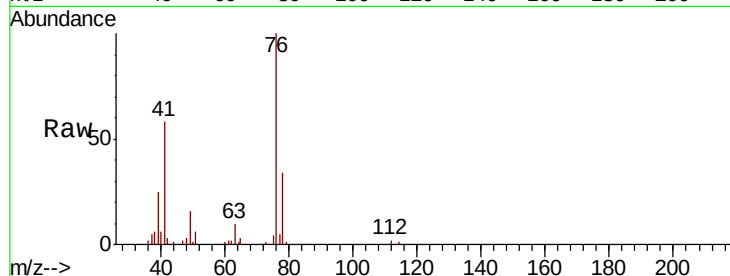
ClientSampleId :

Tot Ion: 76 Resp: 79924

Ion Ratio Lower Upper

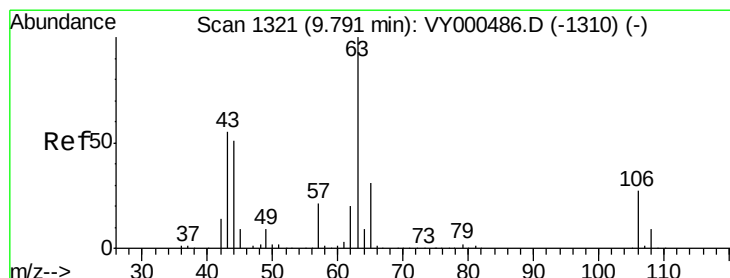
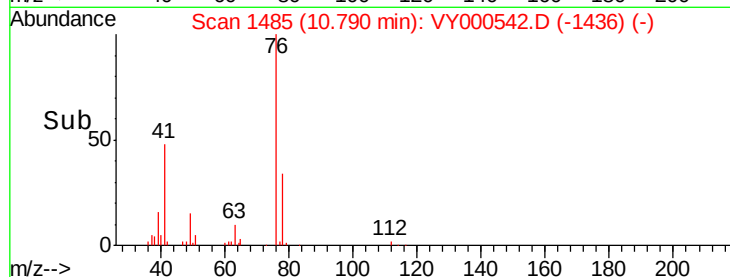
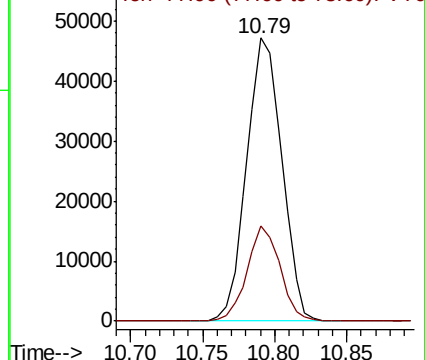
76 100

78 31.5 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: 97.813 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000542.D

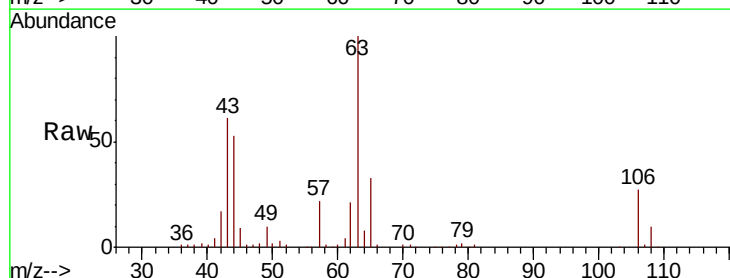
Acq: 06 Nov 2019 11:51

Tgt Ion: 63 Resp: 137267

Ion Ratio Lower Upper

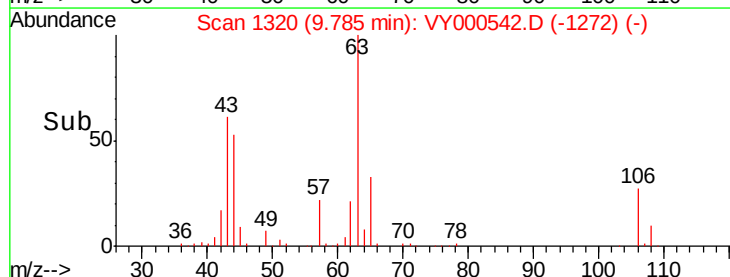
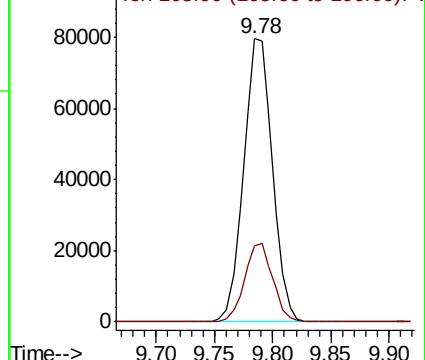
63 100

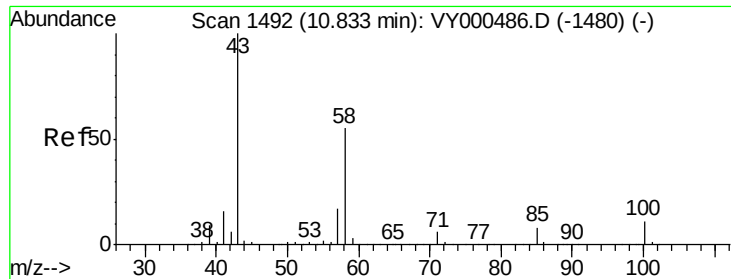
106 27.2 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

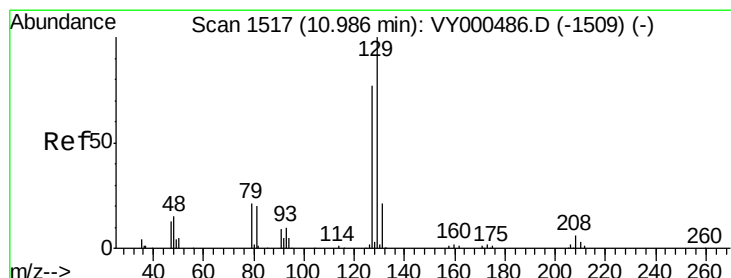
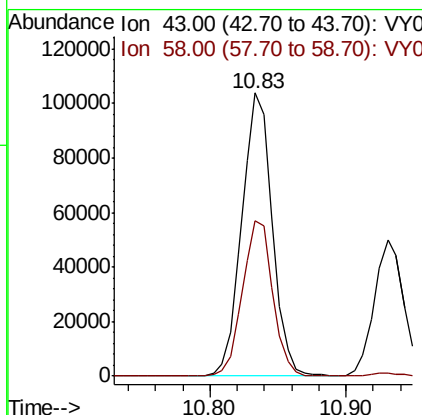
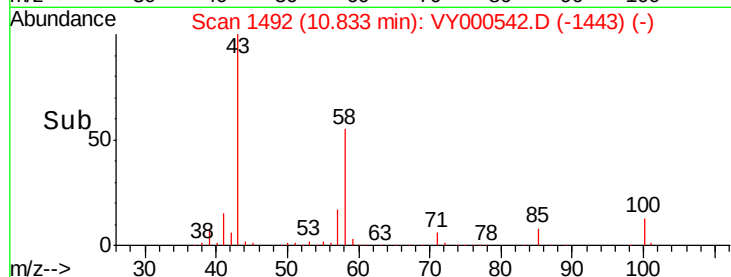
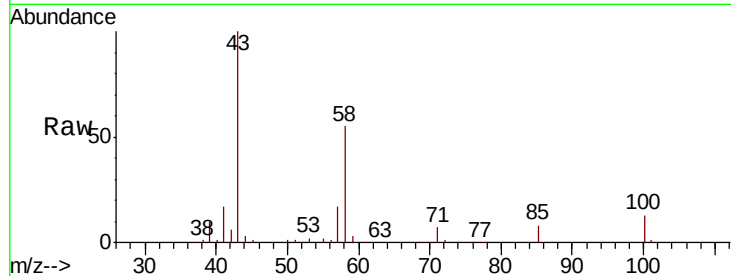




#59
2-Hexanone
Concen: 98.574 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

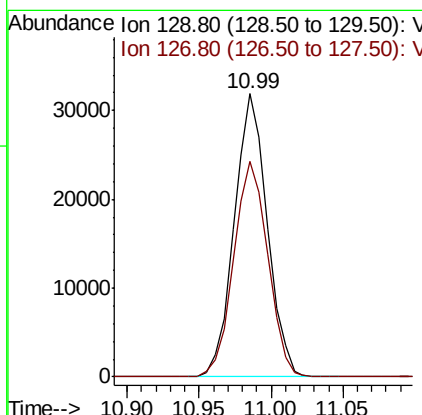
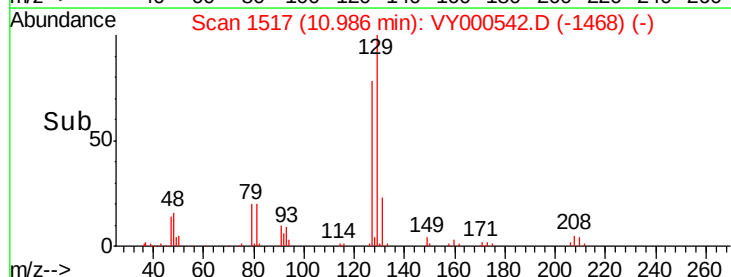
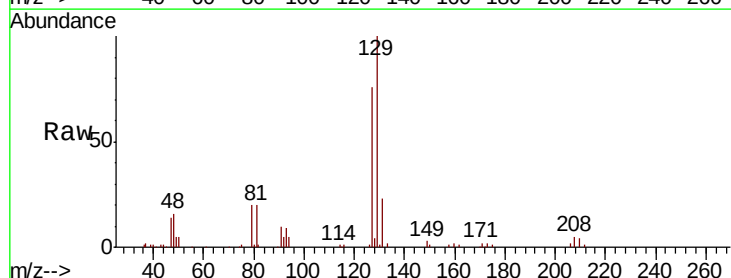
Instrument :
MSVOA_Y
ClientSampled :

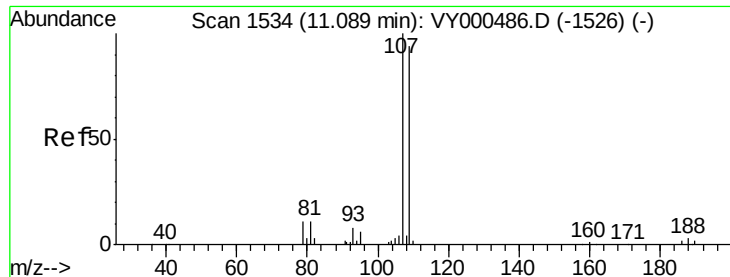
Tot Ion: 43 Resp: 162504
Ion Ratio Lower Upper
43 100
58 54.6 27.1 81.3



#60
Dibromochloromethane
Concen: 20.257 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion: 129 Resp: 50817
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2

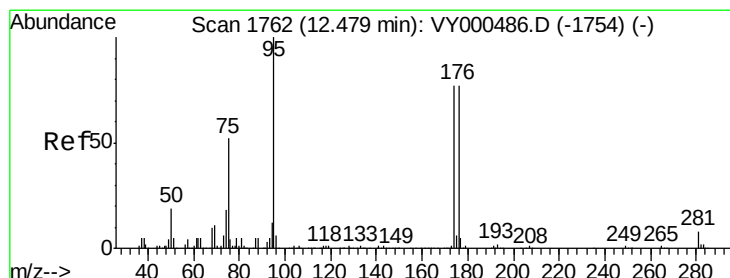
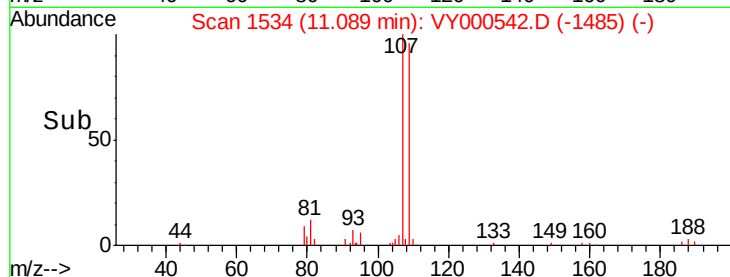
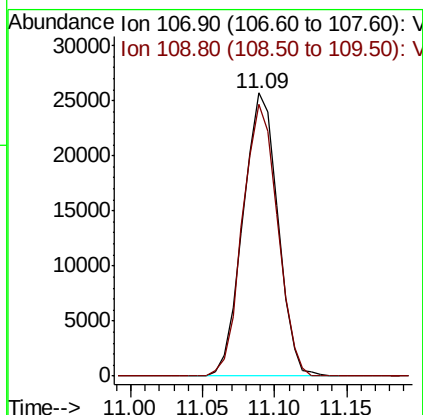
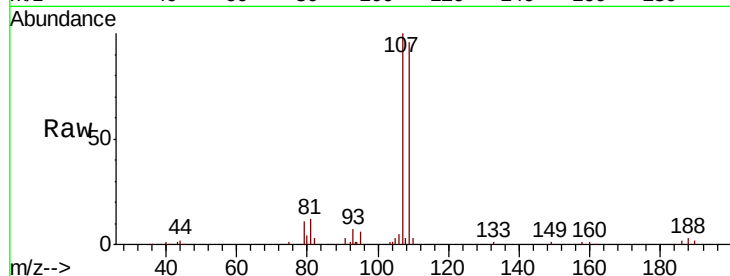




#61
 1,2-Dibromoethane
 Concen: 20.406 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

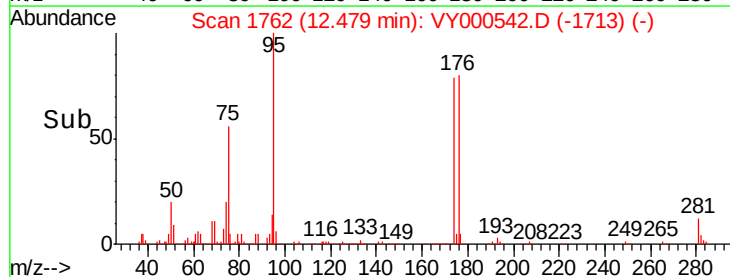
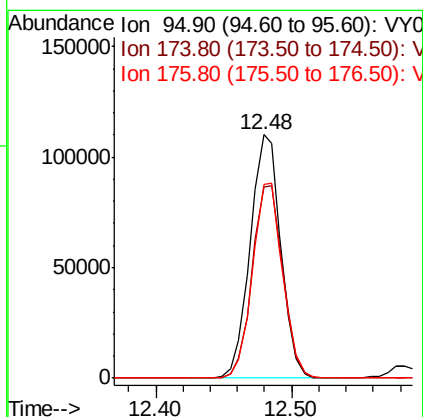
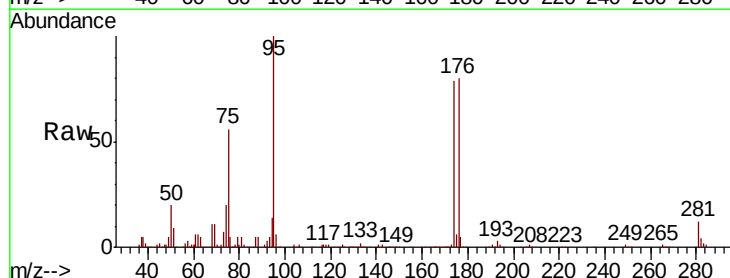
Instrument :
 MSVOA_Y
 ClientSampleId :

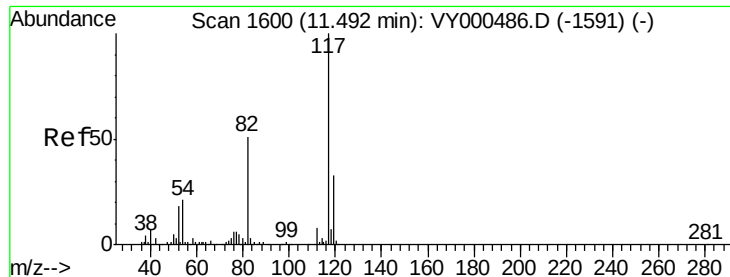
Tot Ion: 107 Resp: 42972
 Ion Ratio Lower Upper
 107 100
 109 96.0 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 50.843 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion: 95 Resp: 174035
 Ion Ratio Lower Upper
 95 100
 174 79.7 0.0 161.6
 176 78.7 0.0 157.8

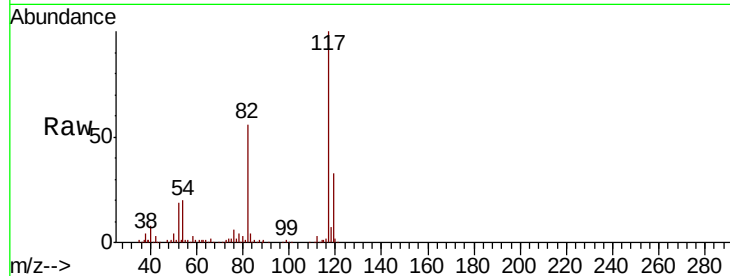




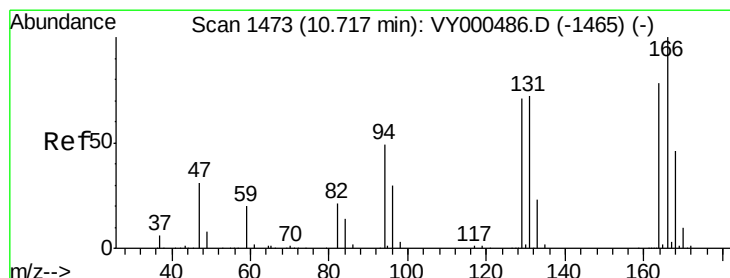
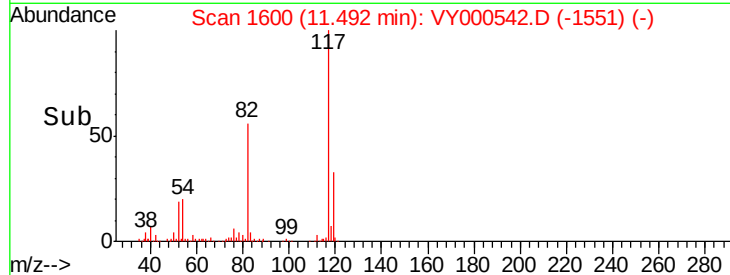
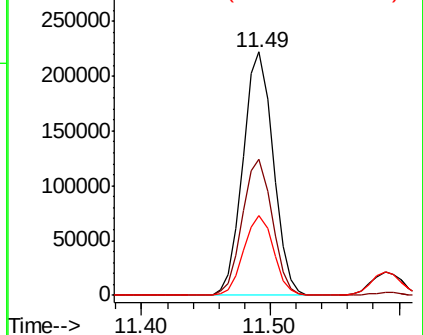
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 359962
Ion Ratio Lower Upper
117 100
82 56.1 40.8 61.2
119 32.5 26.2 39.2

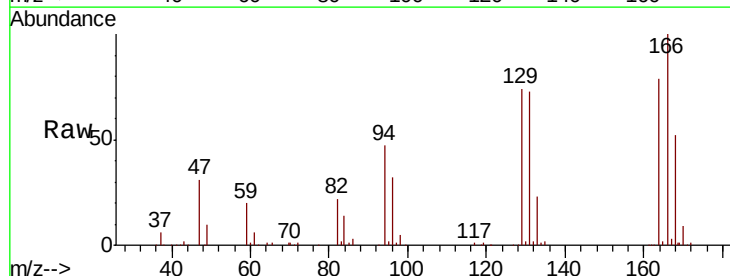


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

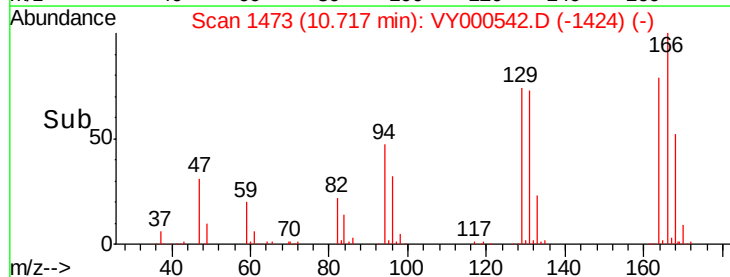
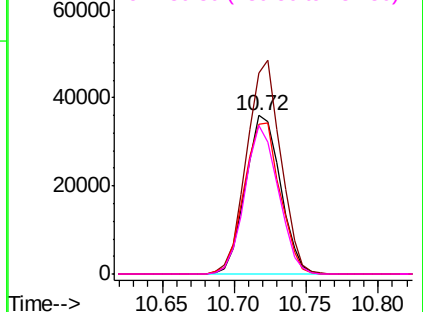


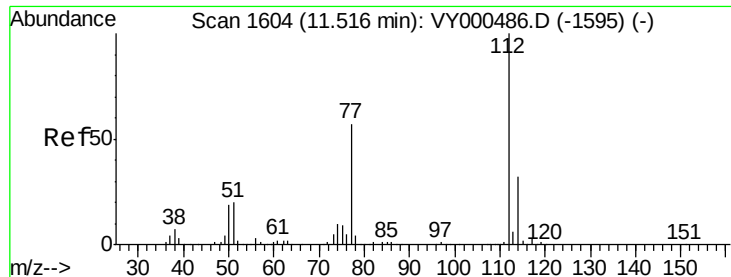
#64
Tetrachloroethene
Concen: 20.360 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion:164 Resp: 60600
Ion Ratio Lower Upper
164 100
166 126.9 102.7 154.1
129 94.2 73.2 109.8
131 93.3 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

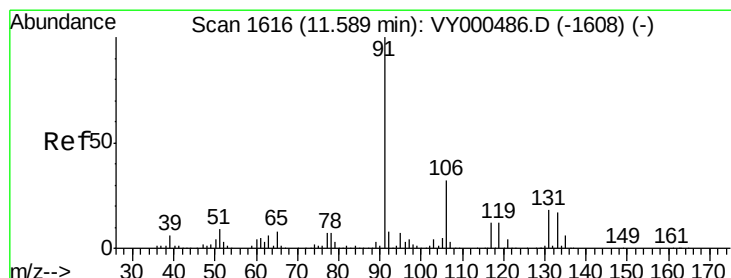
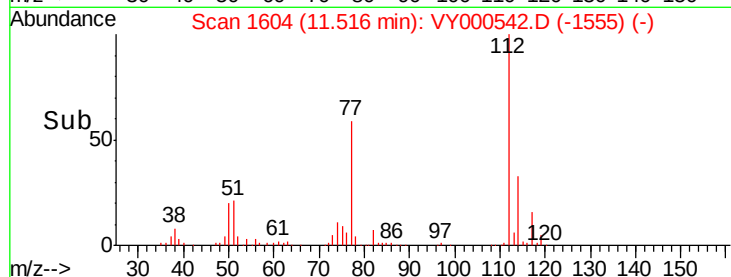
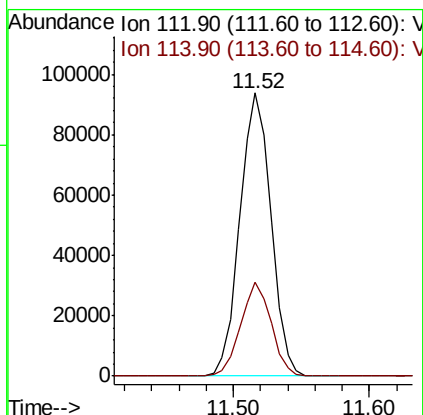
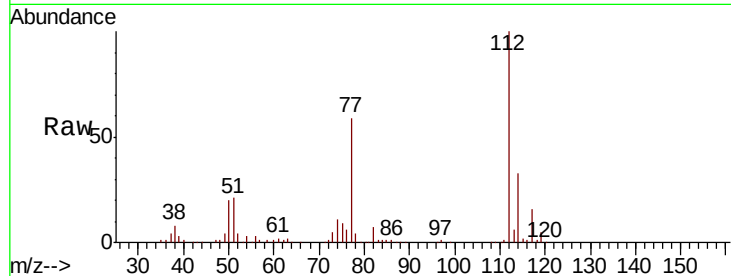




#65
Chlorobenzene
Concen: 20.573 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

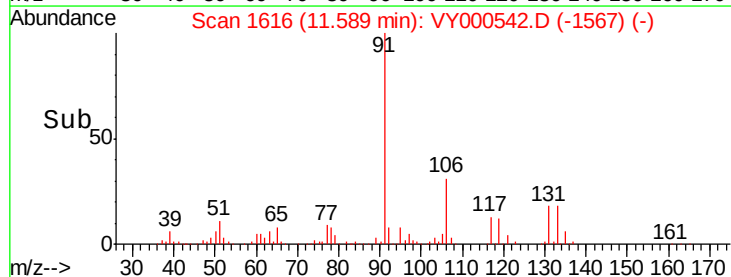
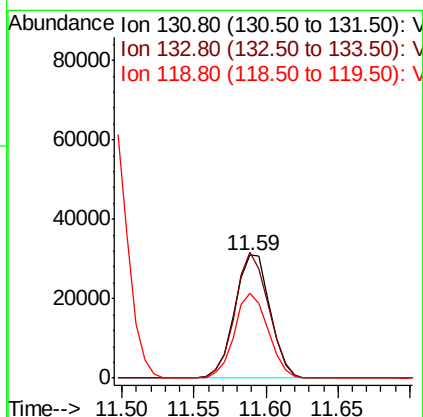
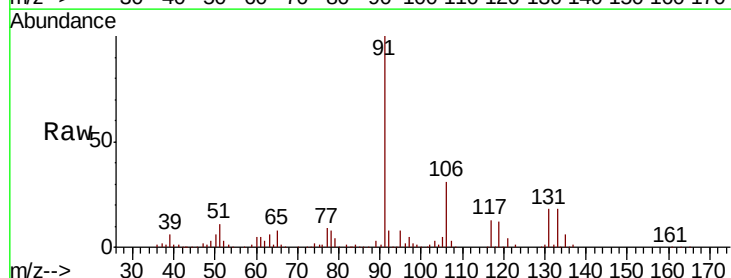
Instrument :
MSVOA_Y
ClientSampled :

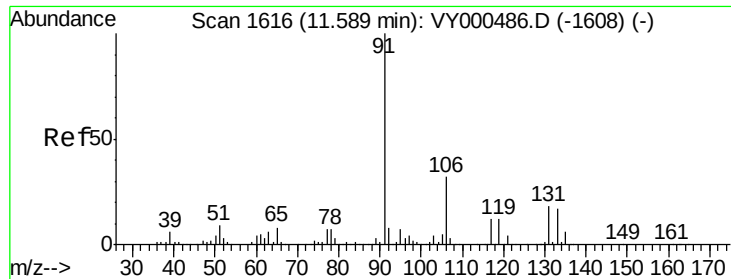
Tot Ion:112 Resp: 150146
Ion Ratio Lower Upper
112 100
114 33.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.965 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion:131 Resp: 53065
Ion Ratio Lower Upper
131 100
133 97.7 47.9 143.8
119 65.3 33.1 99.3

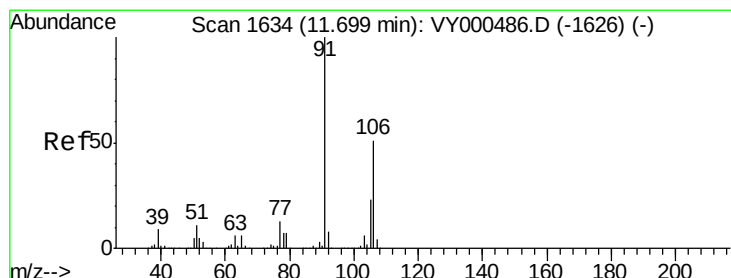
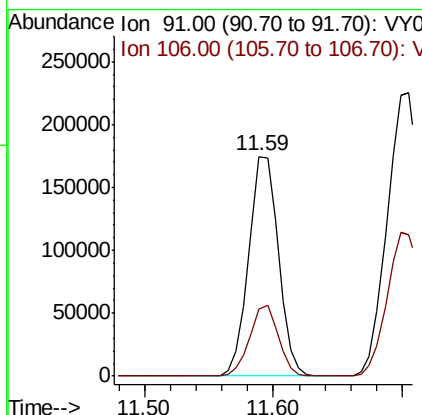
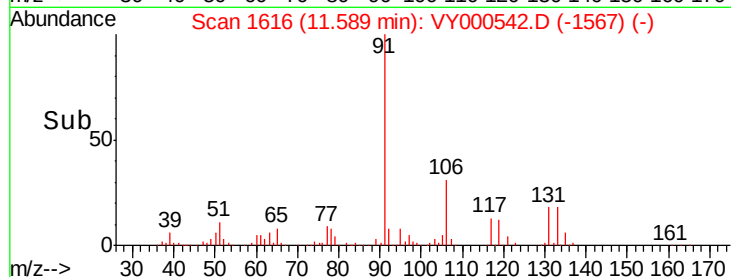
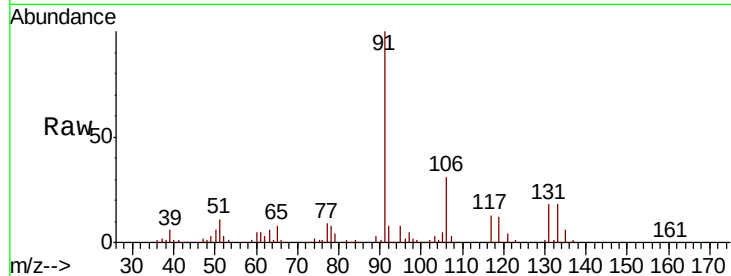




#67
Ethyl Benzene
Concen: 20.650 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

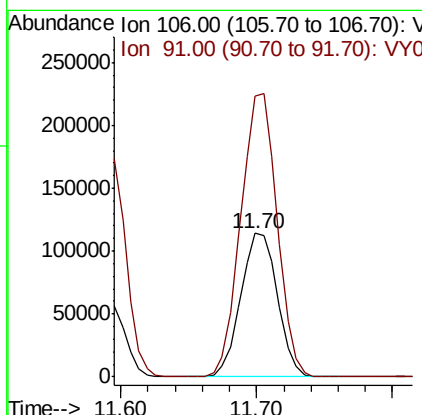
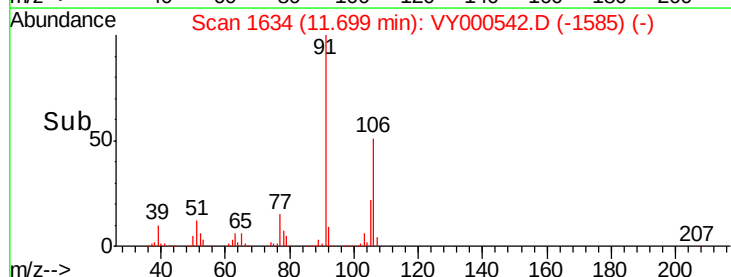
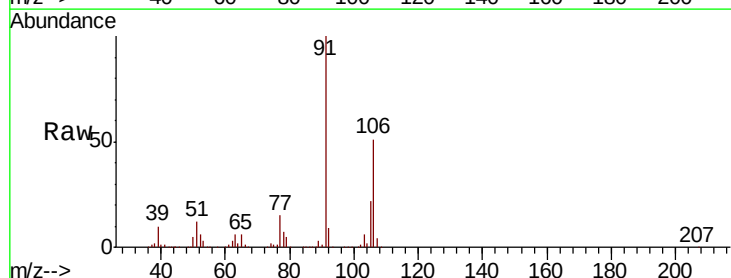
Instrument :
MSVOA_Y
ClientSampled :

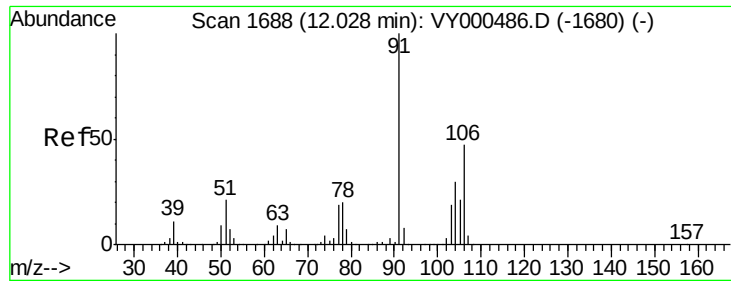
Tot Ion: 91 Resp: 277370
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0



#68
m/p-Xylenes
Concen: 41.341 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion: 106 Resp: 214919
Ion Ratio Lower Upper
106 100
91 195.8 155.9 233.9

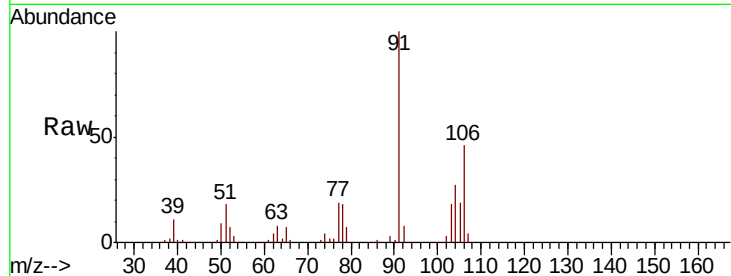




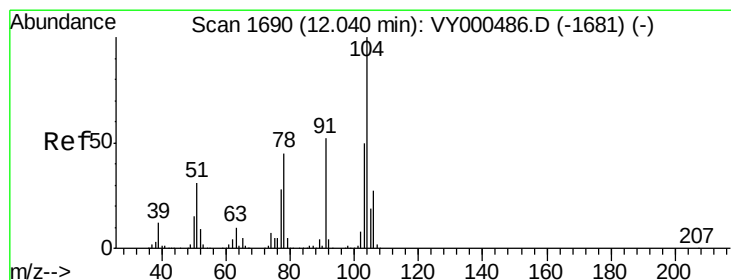
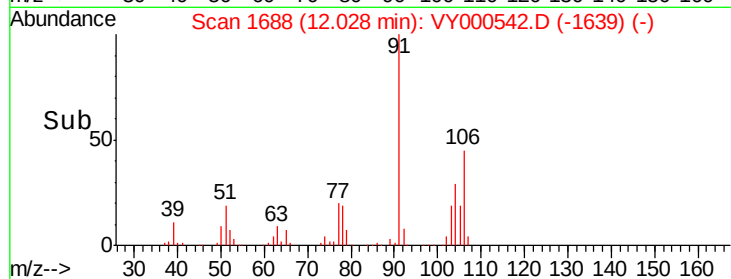
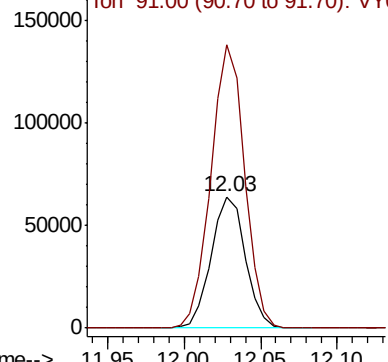
#69
o-Xylene
Concen: 20.328 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 99320
Ion Ratio Lower Upper
106 100
91 212.1 106.5 319.6

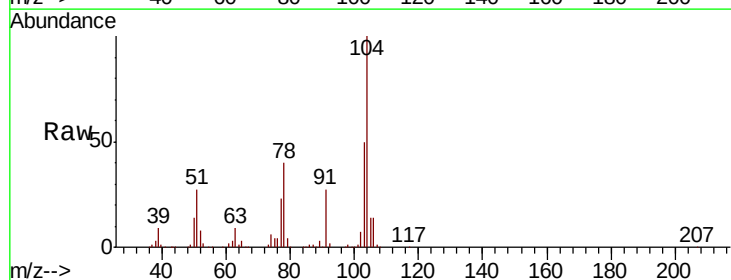


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

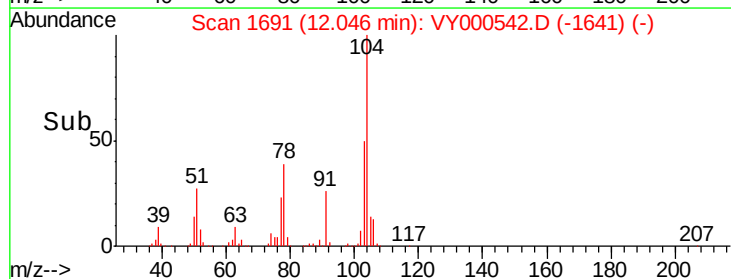
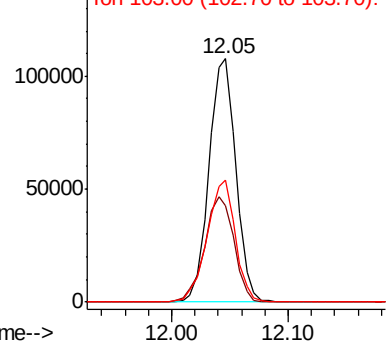


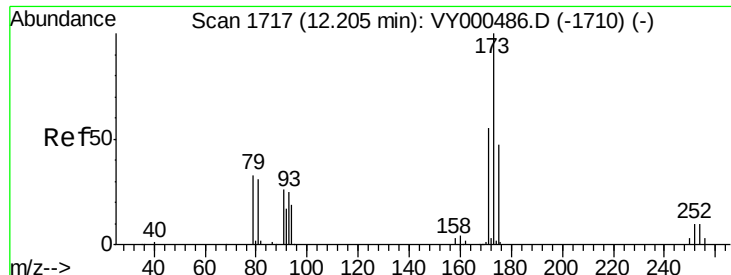
#70
Styrene
Concen: 20.719 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion:104 Resp: 173339
Ion Ratio Lower Upper
104 100
78 47.2 39.0 58.4
103 52.8 42.5 63.7



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





#71

Bromoform

Concen: 20.594 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampleId :

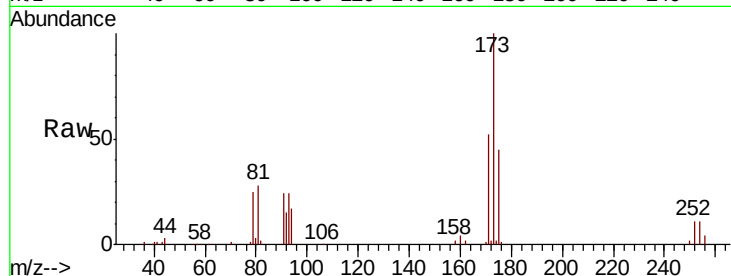
Tot Ion:173 Resp: 29981

Ion Ratio Lower Upper

173 100

175 50.3 24.4 73.2

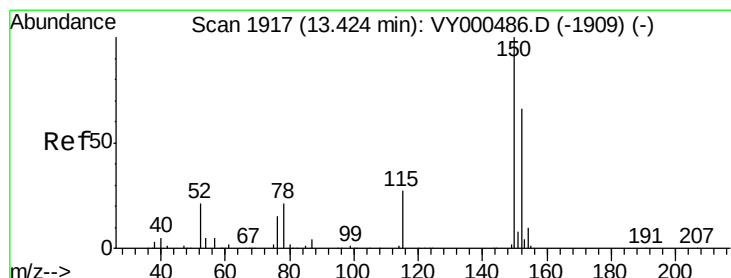
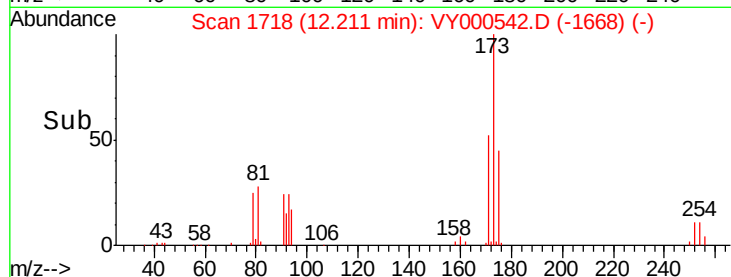
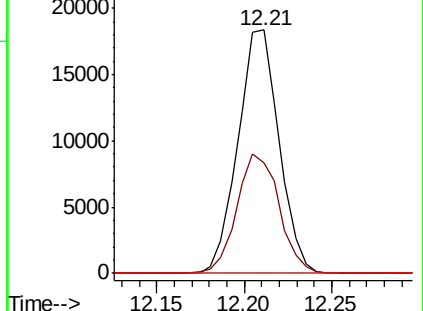
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

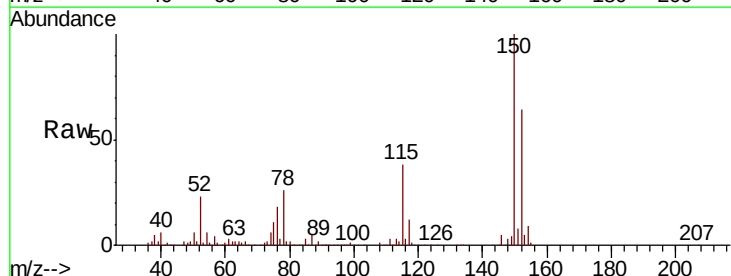
Tgt Ion:152 Resp: 175103

Ion Ratio Lower Upper

152 100

115 60.0 29.1 87.4

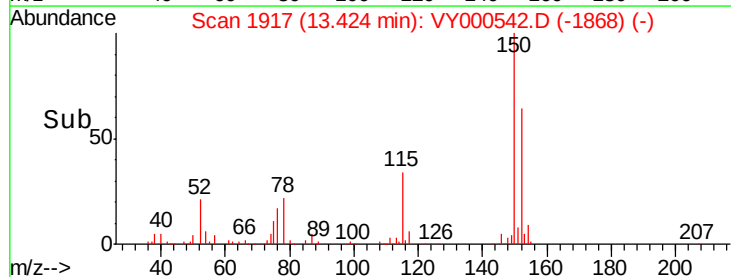
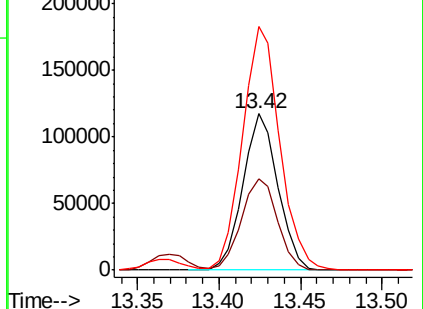
150 166.0 0.0 348.8

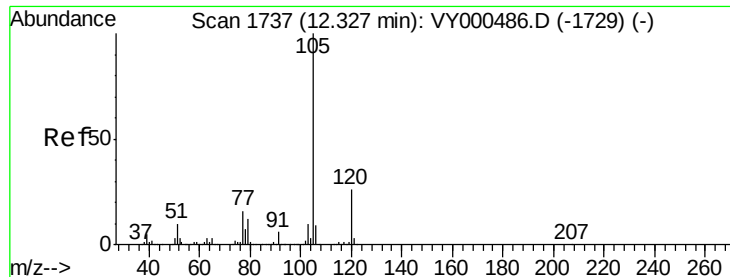


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.153 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

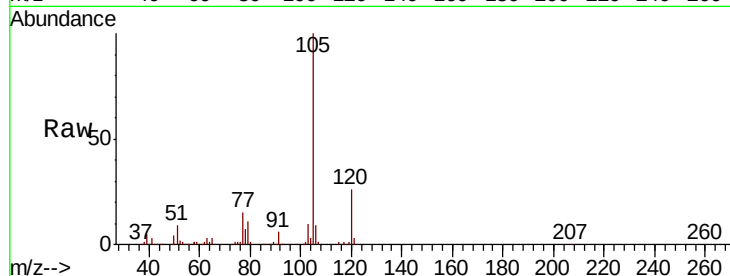
ClientSampleId :

Tot Ion:105 Resp: 273751

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

200000

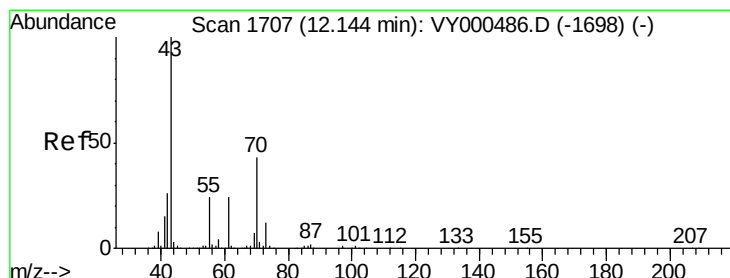
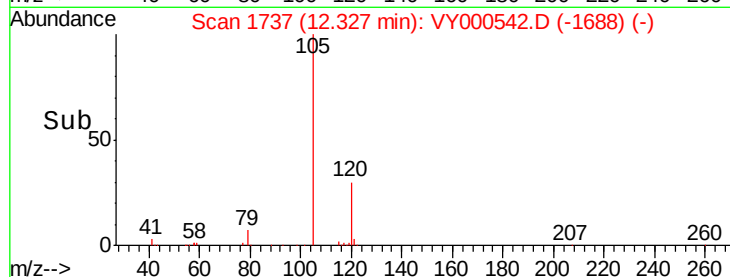
150000

100000

50000

0

Time--> 12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 20.648 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Tgt Ion: 43 Resp: 76529

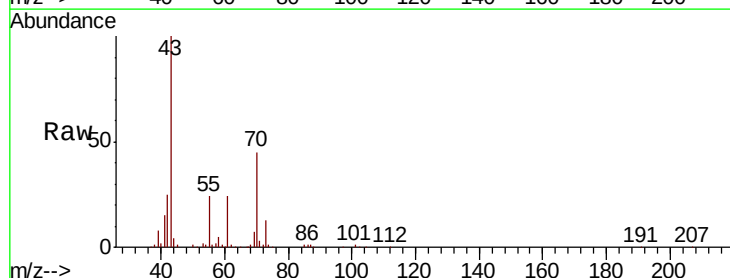
Ion Ratio Lower Upper

43 100

70 43.1 33.1 49.7

55 22.9 18.0 27.0

61 23.9 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

80000

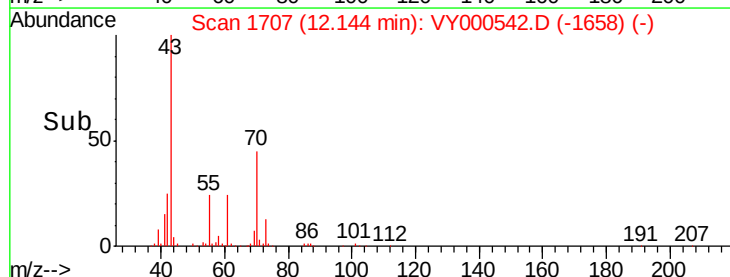
60000

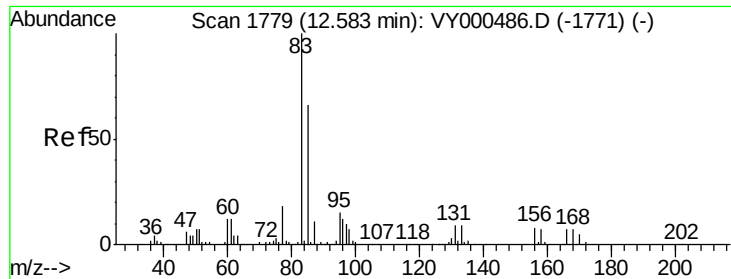
40000

20000

0

Time--> 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 20.731 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampleId :

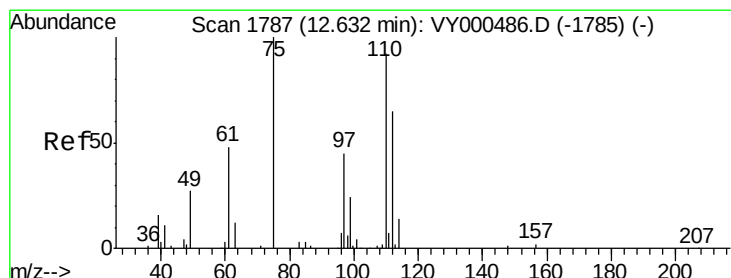
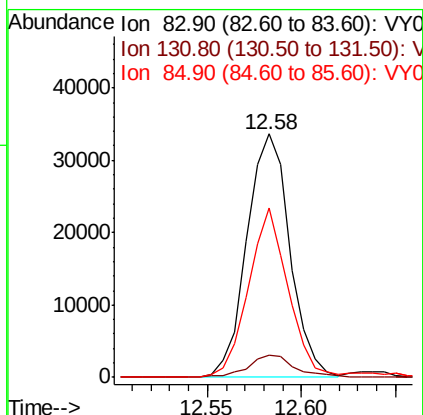
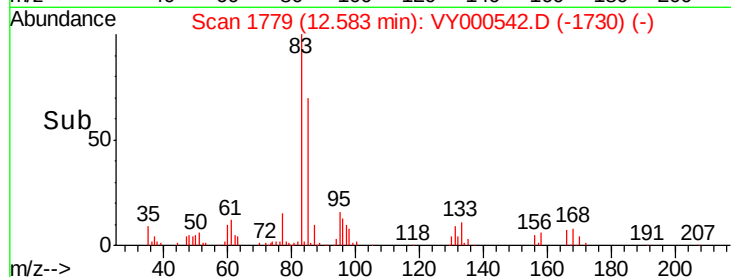
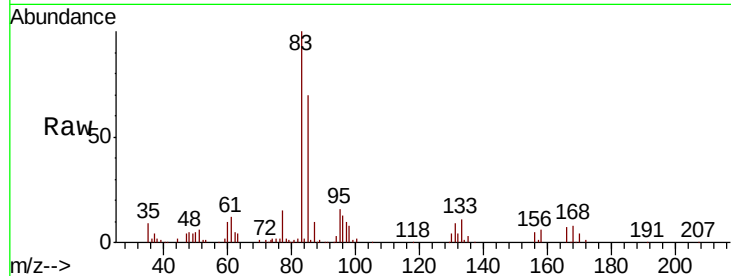
Tot Ion: 83 Resp: 53121

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 64.0 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 35.770 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000542.D

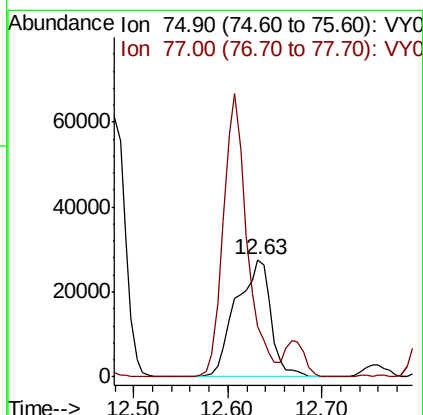
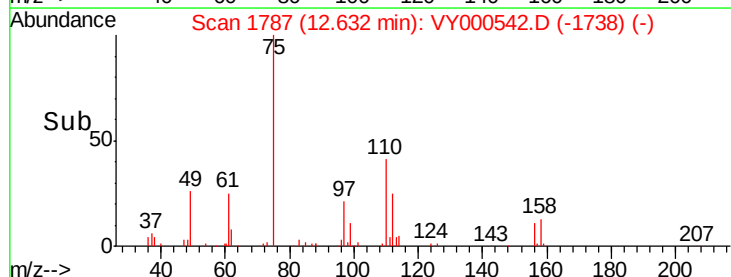
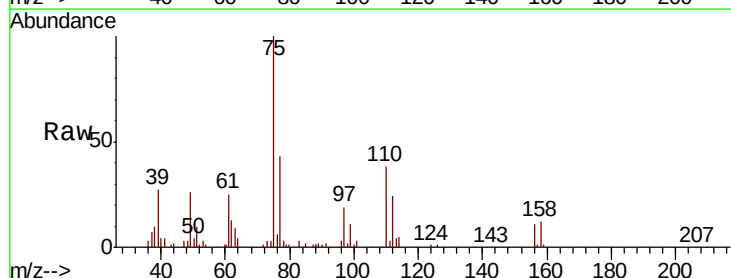
Acq: 06 Nov 2019 11:51

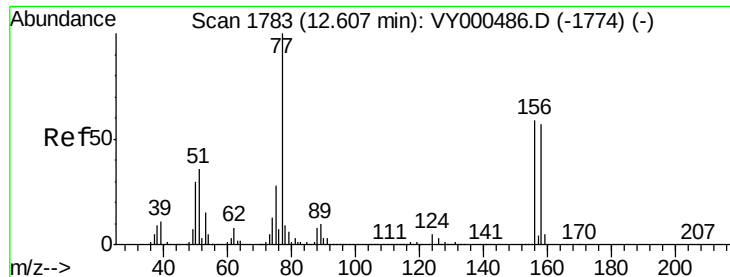
Tgt Ion: 75 Resp: 71318

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.877 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampleId :

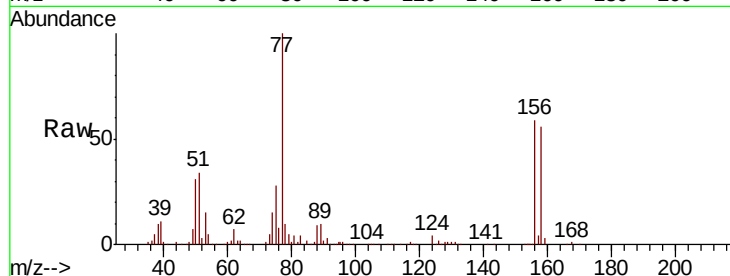
Tot Ion:156 Resp: 61268

Ion	Ratio	Lower	Upper
156	100		
77	191.3	98.2	294.4
158	95.4	49.6	149.0

156 100

77 191.3 98.2 294.4

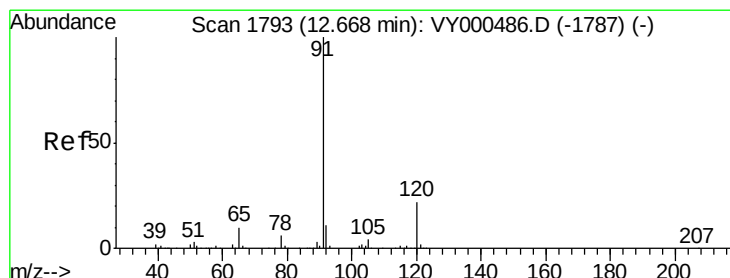
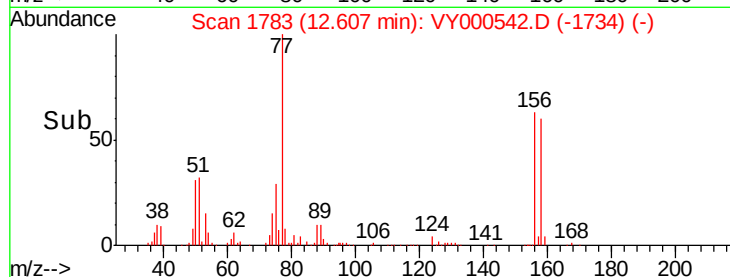
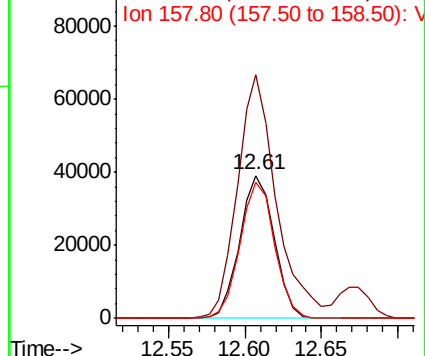
158 95.4 49.6 149.0



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: 21.016 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000542.D

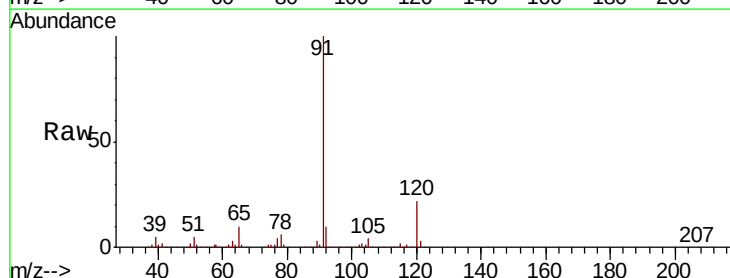
Acq: 06 Nov 2019 11:51

Tgt Ion: 91 Resp: 328167

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.4	34.1

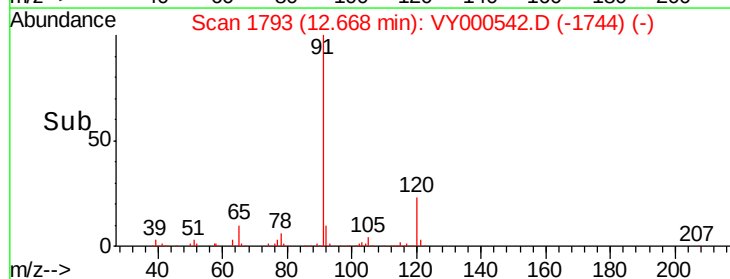
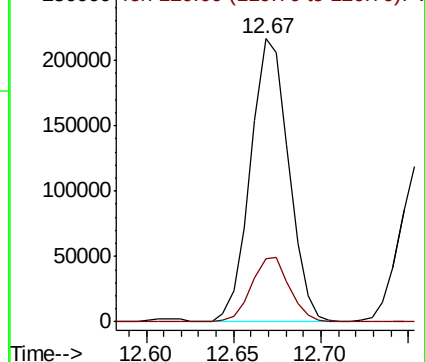
91 100

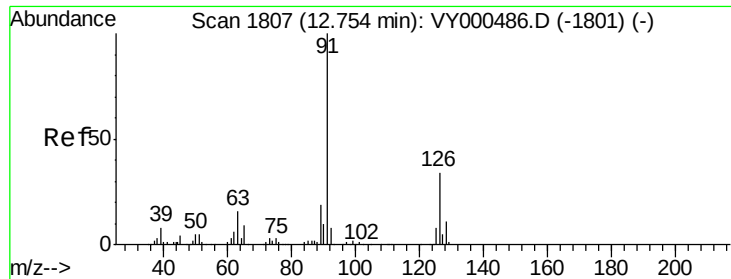
120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.863 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

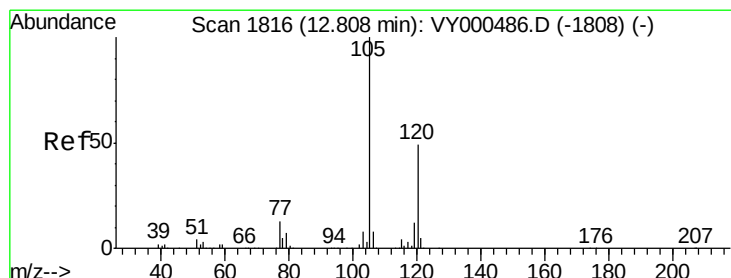
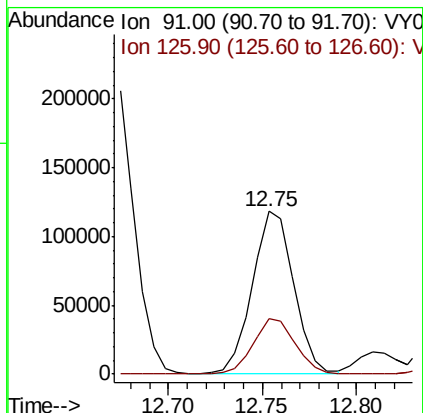
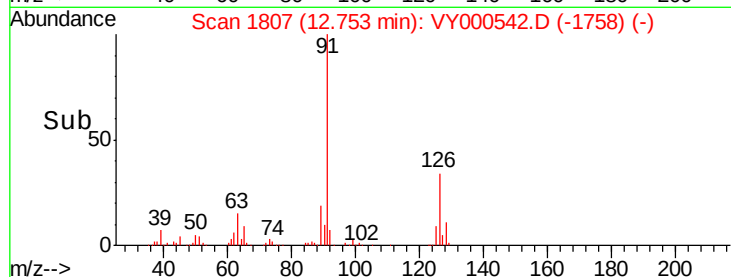
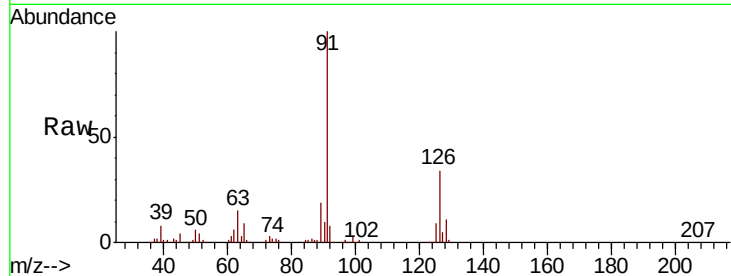
ClientSampleId :

Tot Ion: 91 Resp: 180853

Ion Ratio Lower Upper

91 100

126 34.6 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 21.553 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000542.D

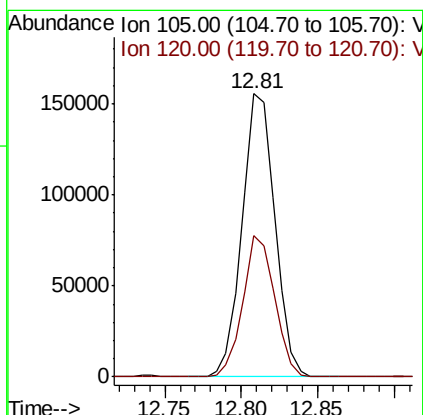
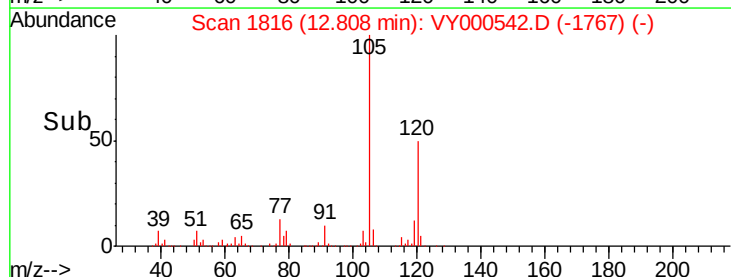
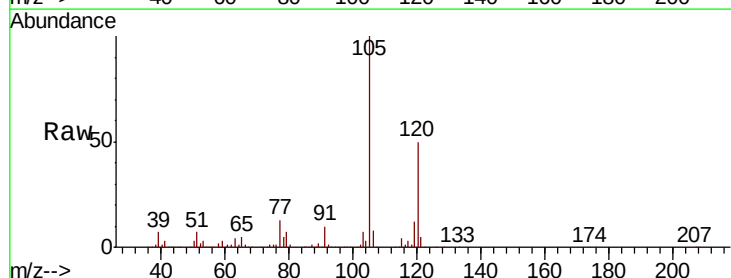
Acq: 06 Nov 2019 11:51

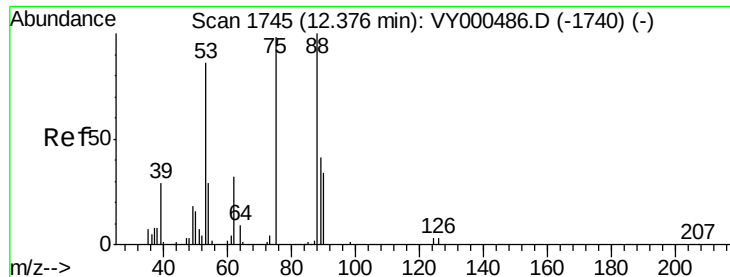
Tgt Ion:105 Resp: 232302

Ion Ratio Lower Upper

105 100

120 48.4 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.157 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

ClientSampleId :

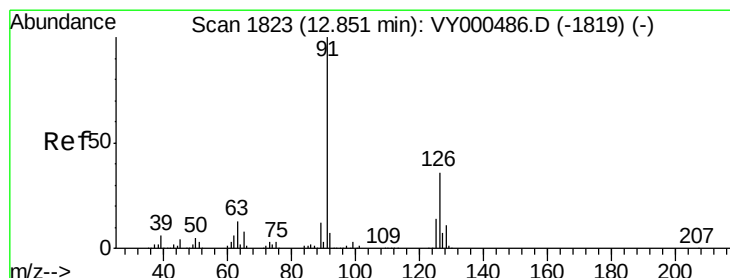
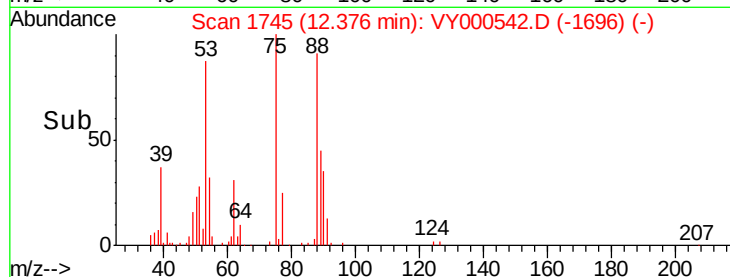
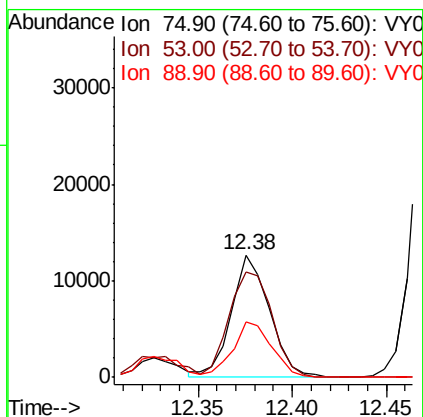
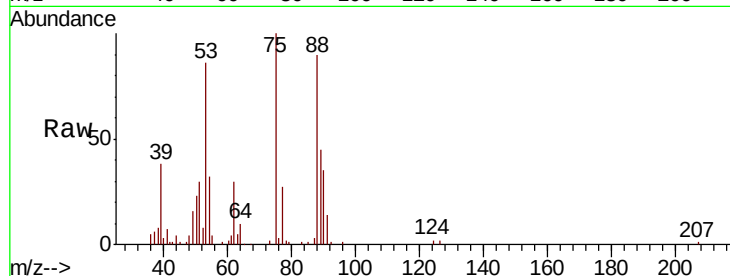
Tot Ion: 75 Resp: 17924

Ion Ratio Lower Upper

75 100

53 97.1 73.2 109.8

89 45.5 35.9 53.9



#82

4-Chlorotoluene

Concen: 21.190 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000542.D

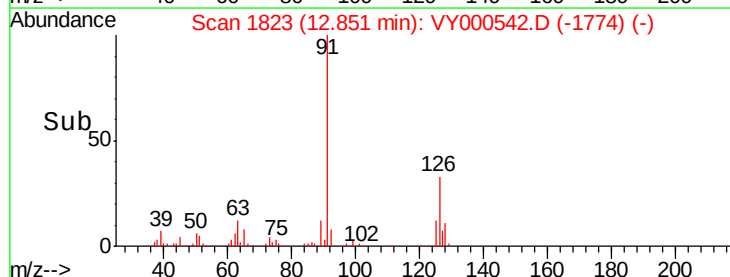
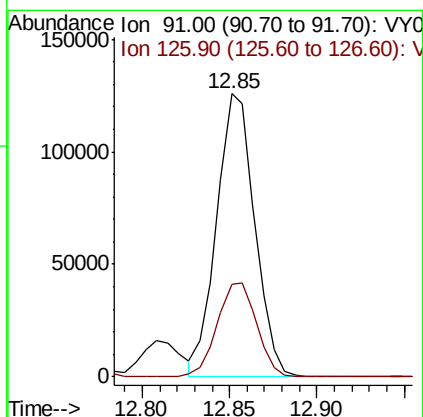
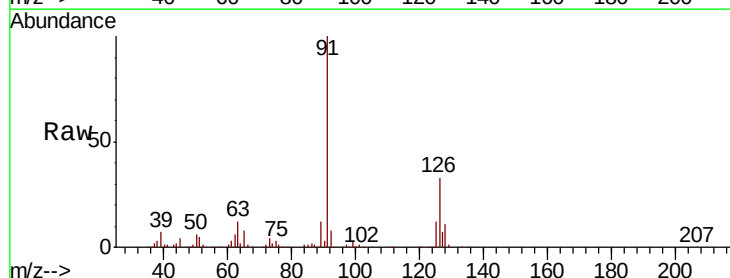
Acq: 06 Nov 2019 11:51

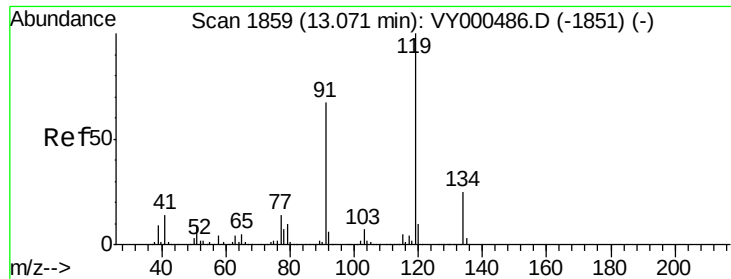
Tgt Ion: 91 Resp: 190406

Ion Ratio Lower Upper

91 100

126 34.4 17.6 52.9

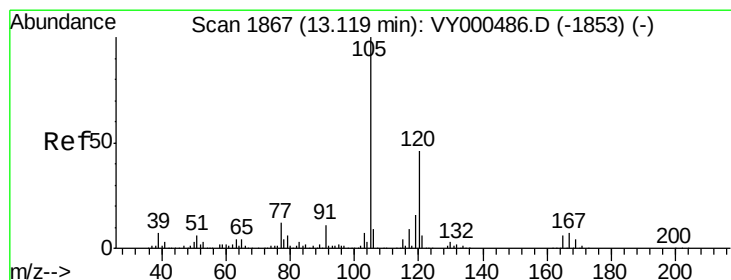
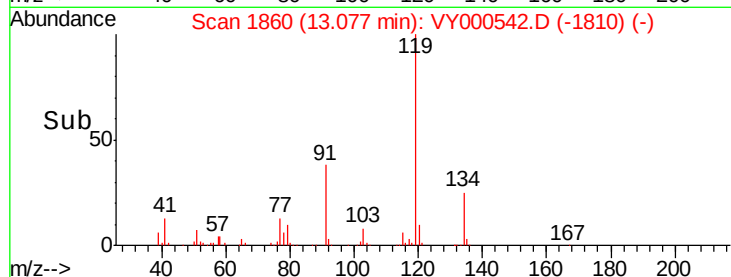
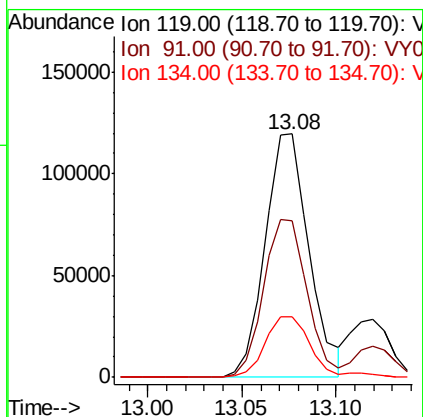
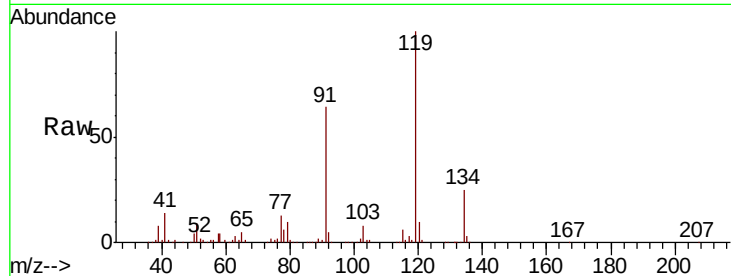




#83
tert-Butylbenzene
Concen: 21.001 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

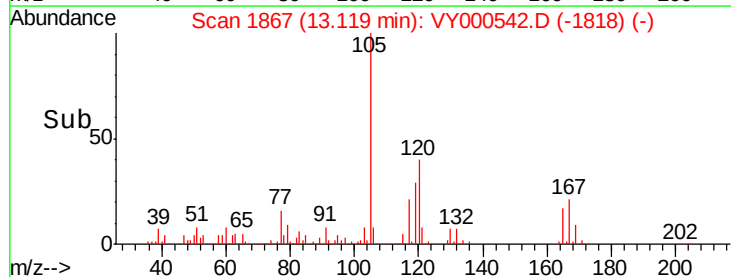
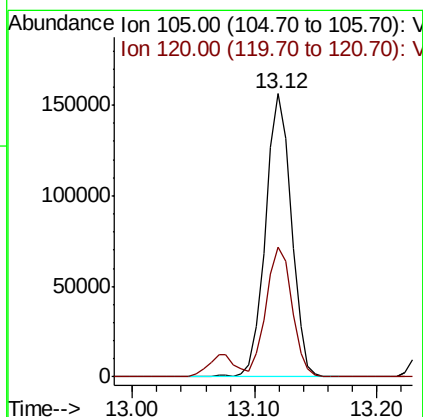
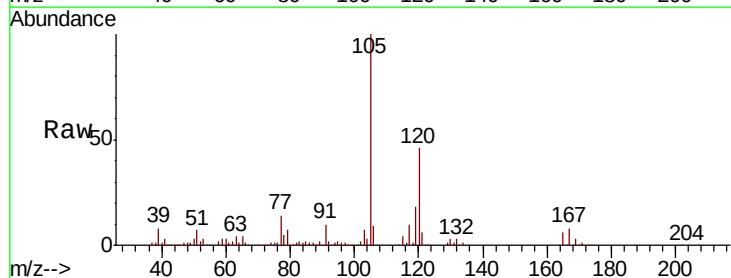
Instrument :
MSVOA_Y
ClientSampleId :

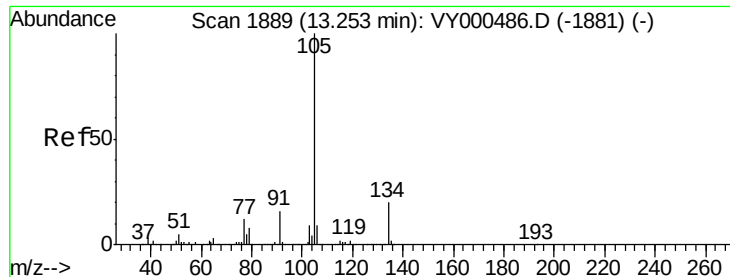
Tot Ion:119 Resp: 193272
Ion Ratio Lower Upper
119 100
91 64.2 32.1 96.3
134 26.2 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 21.423 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion:105 Resp: 229902
Ion Ratio Lower Upper
105 100
120 46.1 23.3 69.9





#85

sec-Butylbenzene

Concen: 21.143 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

Instrument :

MSVOA_Y

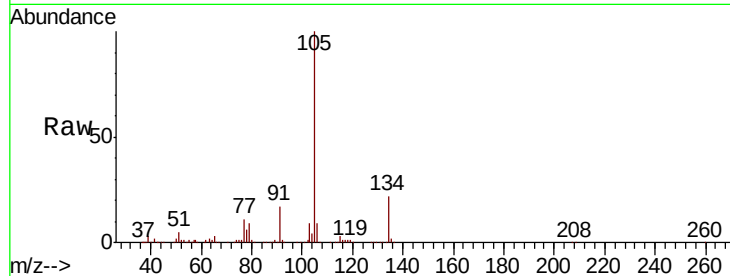
ClientSampleId :

Tot Ion:105 Resp: 277223

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

200000

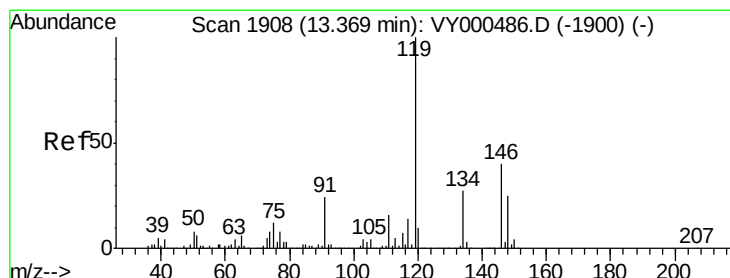
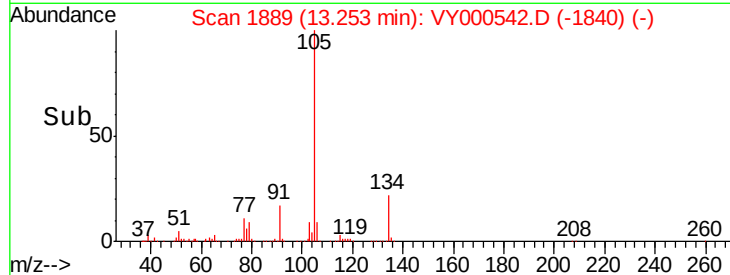
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.324 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000542.D

Acq: 06 Nov 2019 11:51

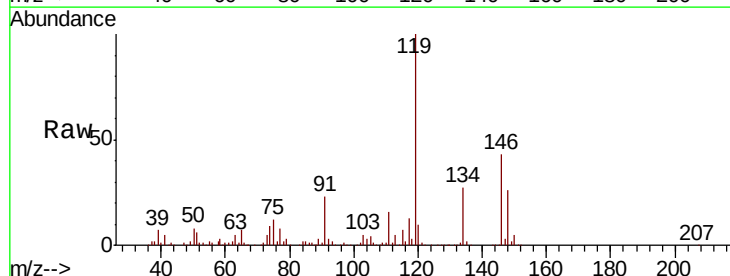
Tgt Ion:119 Resp: 249181

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 23.9 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

200000

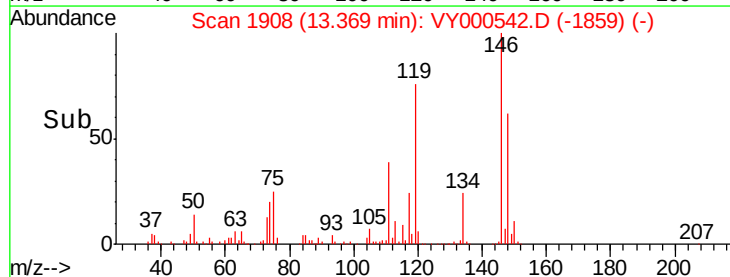
150000

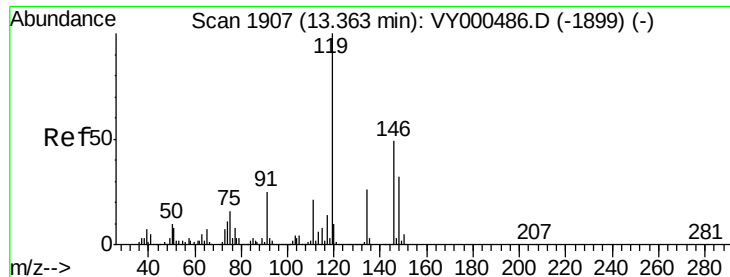
100000

50000

0

Time-->

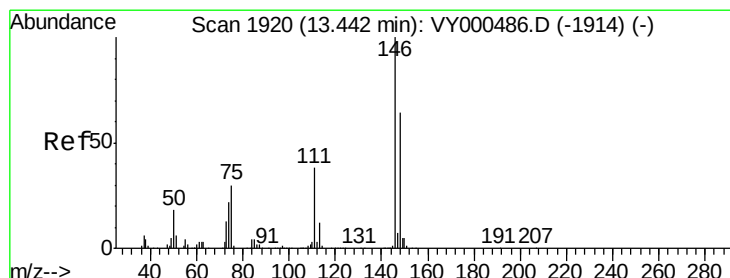
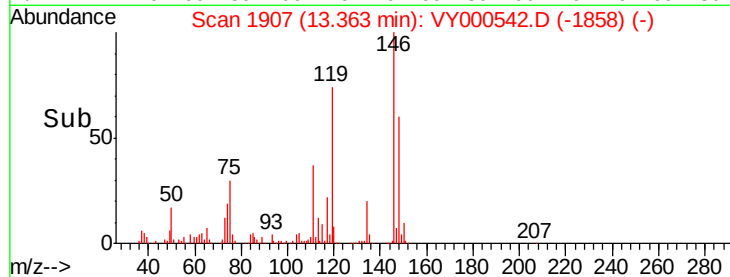
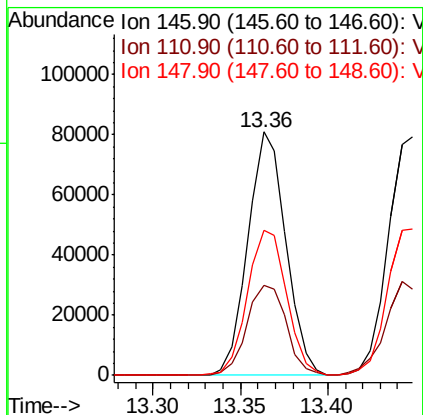
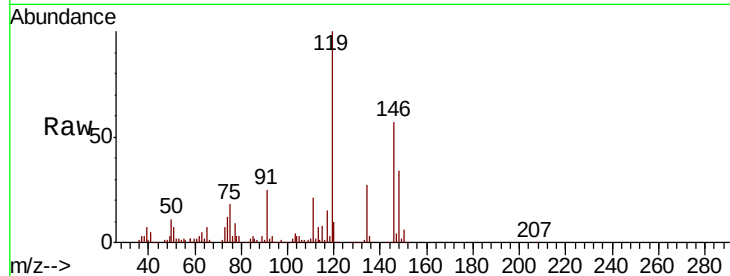




#87
 1,3-Dichlorobenzene
 Concen: 21.371 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

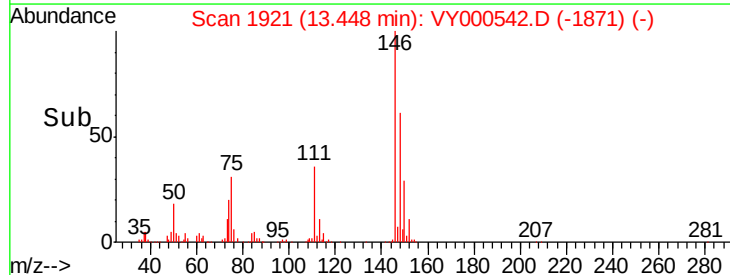
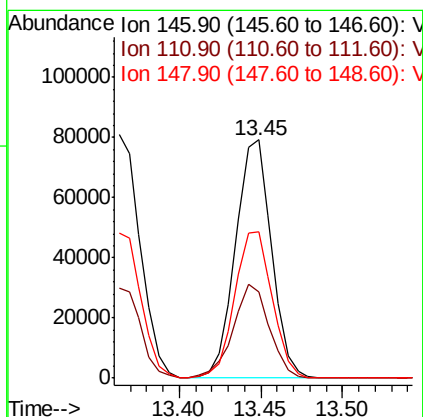
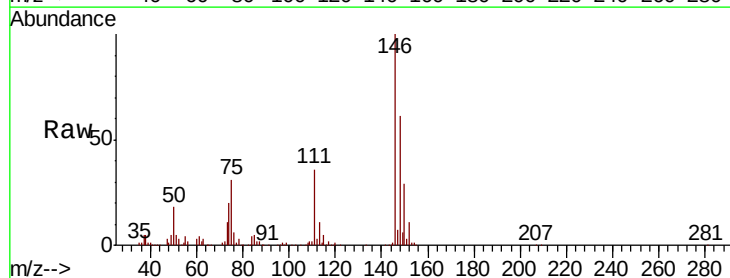
Instrument :
 MSVOA_Y
 ClientSampleId :

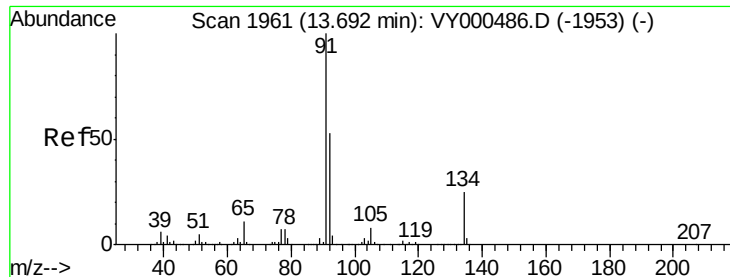
Tot Ion:146 Resp: 122848
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.3 60.8
 148 61.5 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 21.241 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion:146 Resp: 122008
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.7 59.0
 148 63.7 31.9 95.7

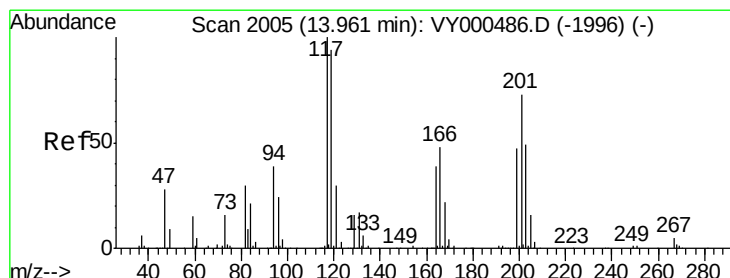
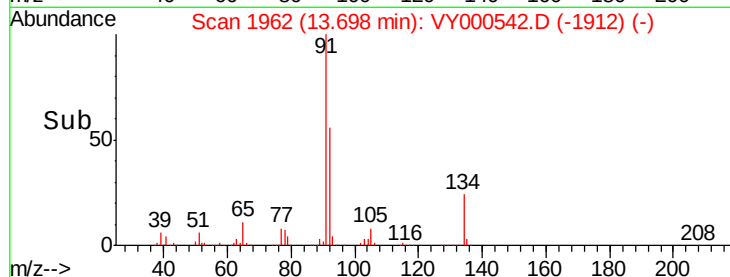
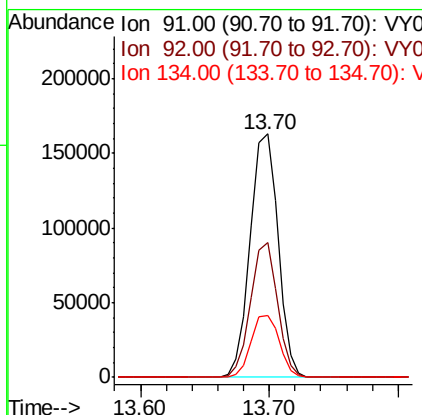
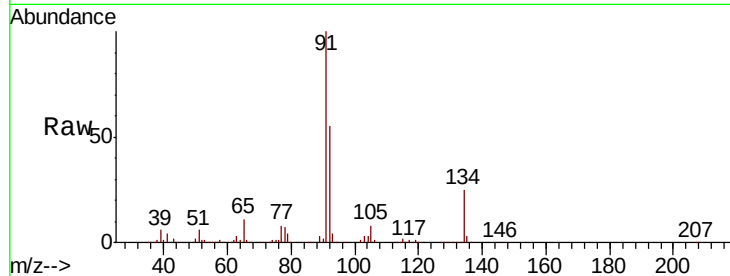




#89
n-Butylbenzene
Concen: 21.016 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

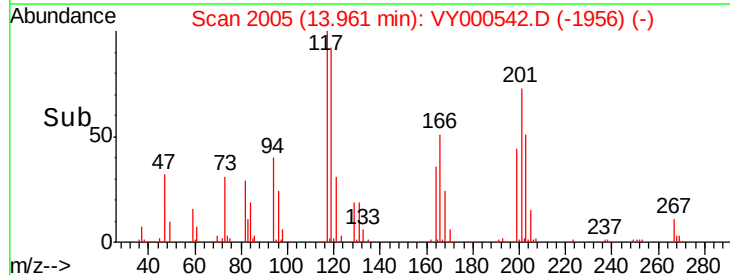
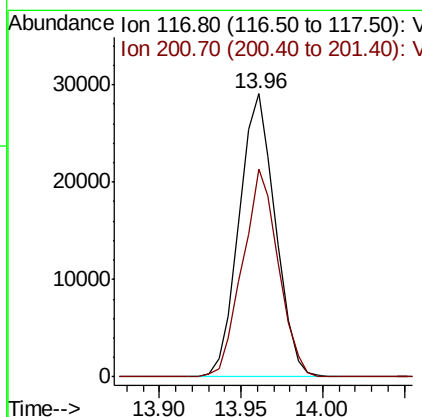
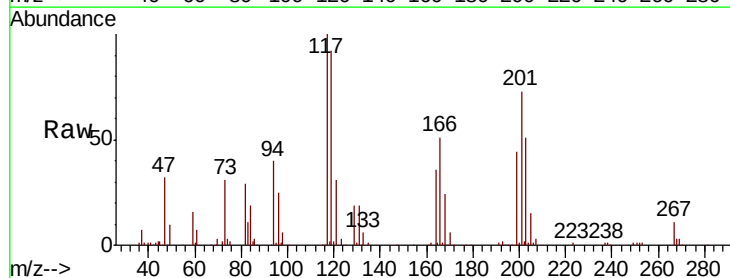
Instrument :
MSVOA_Y
ClientSampleId :

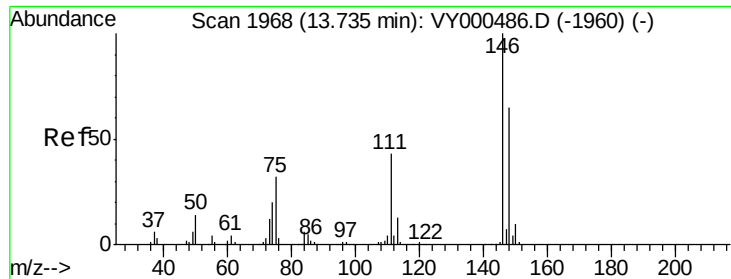
Tot Ion: 91 Resp: 242223
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.3
134 25.9 12.9 38.7



#90
Hexachloroethane
Concen: 20.834 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion: 117 Resp: 45009
Ion Ratio Lower Upper
117 100
201 72.7 35.8 107.3

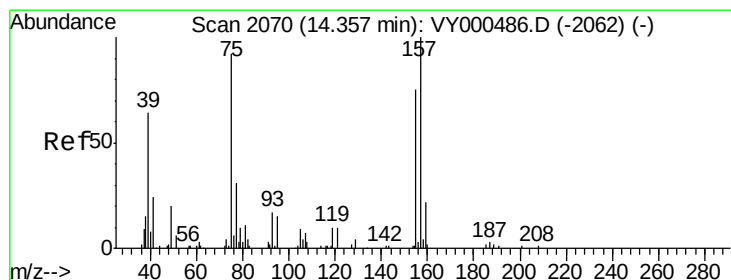
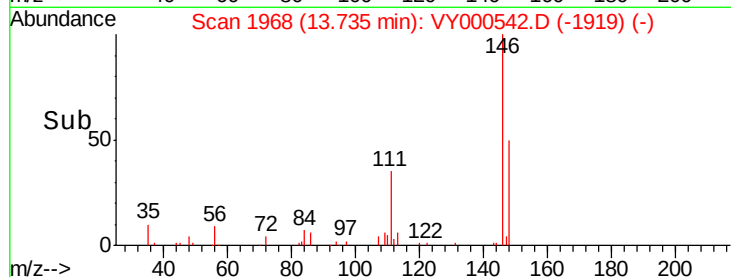
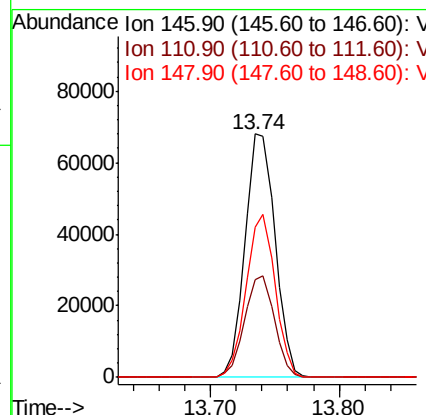
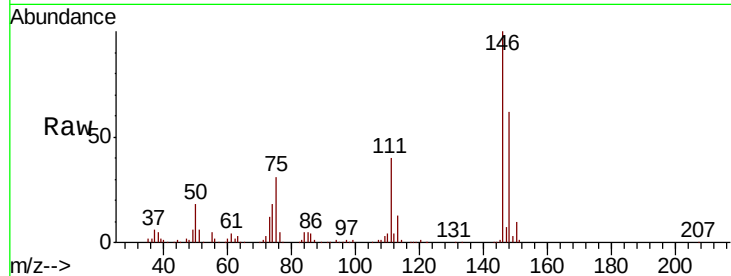




#91
 1,2-Dichlorobenzene
 Concen: 20.986 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

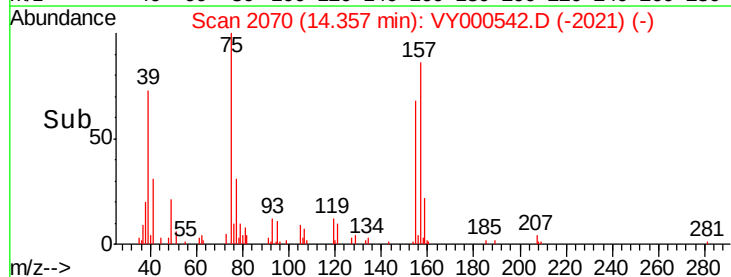
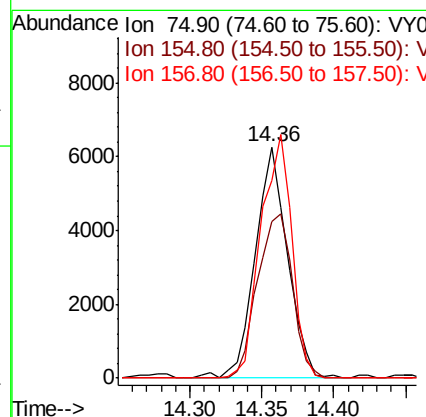
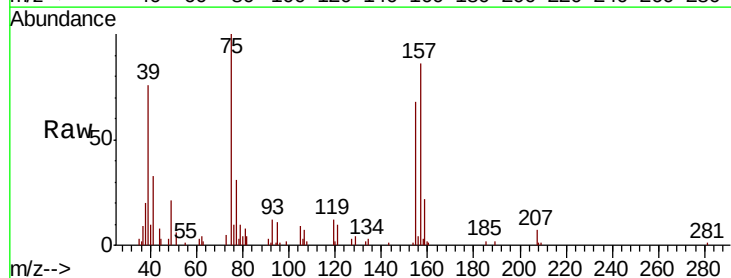
Instrument :
 MSVOA_Y
 ClientSampleId :

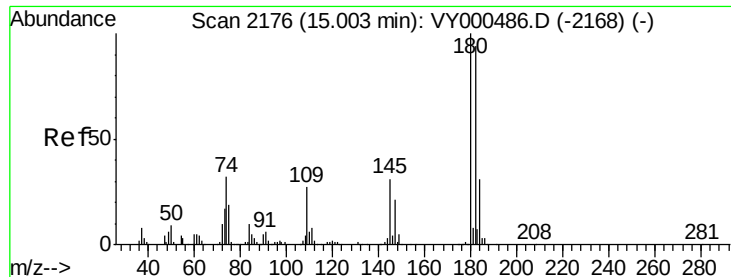
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.5
148	64.4	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.367 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.7	42.4	127.1
157	101.0	55.1	165.3

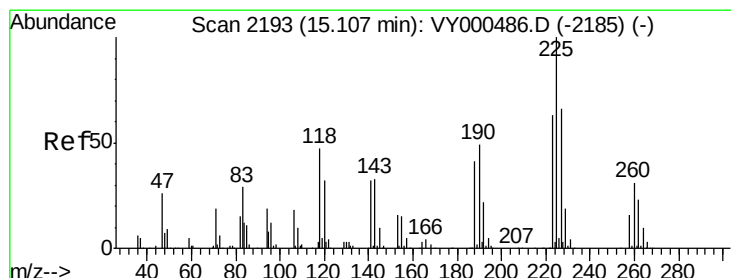
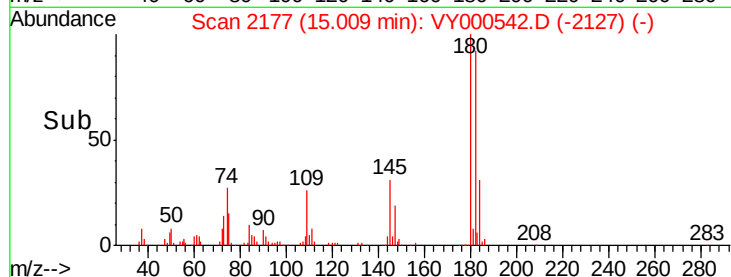
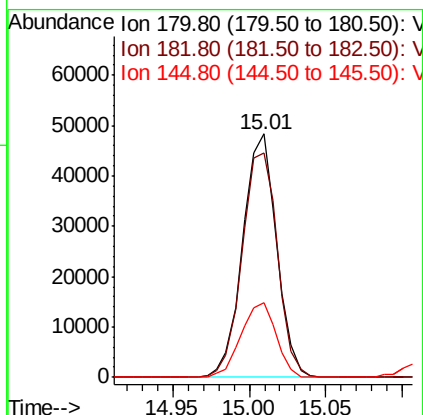
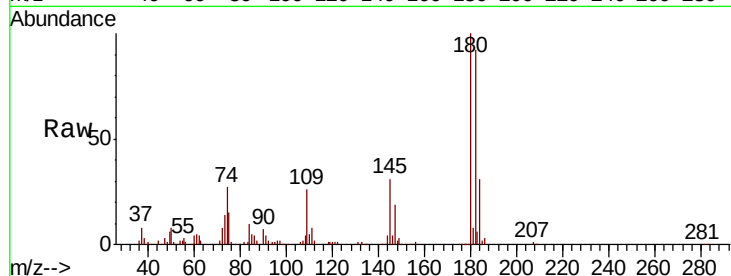




#93
 1,2,4-Trichlorobenzene
 Concen: 20.957 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

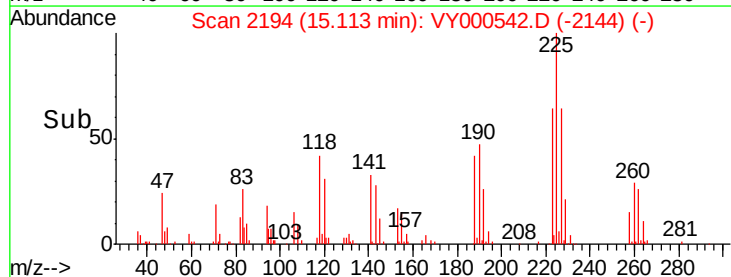
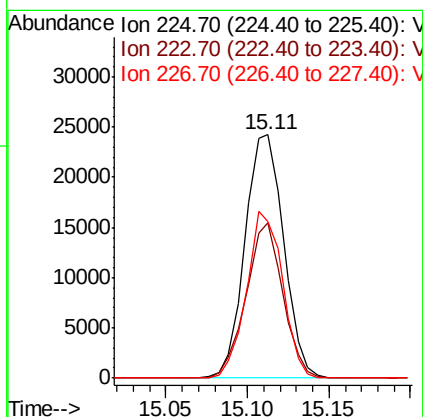
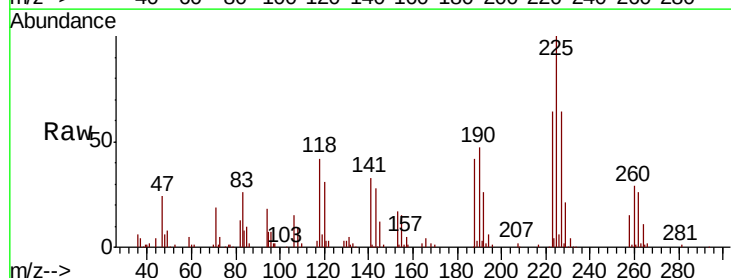
Instrument :
 MSVOA_Y
 ClientSampleId :

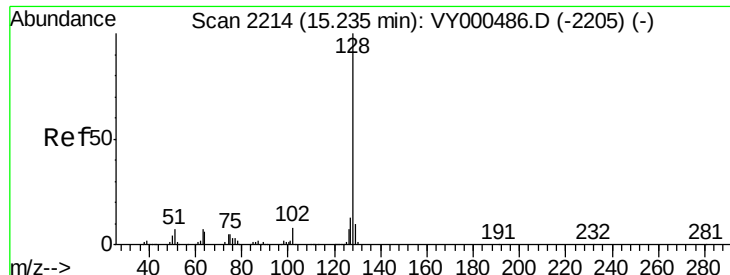
Tot Ion:180 Resp: 74422
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.8 143.4
 145 31.8 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 21.882 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000542.D
 Acq: 06 Nov 2019 11:51

Tgt Ion:225 Resp: 40057
 Ion Ratio Lower Upper
 225 100
 223 60.7 31.3 93.8
 227 63.6 32.4 97.0

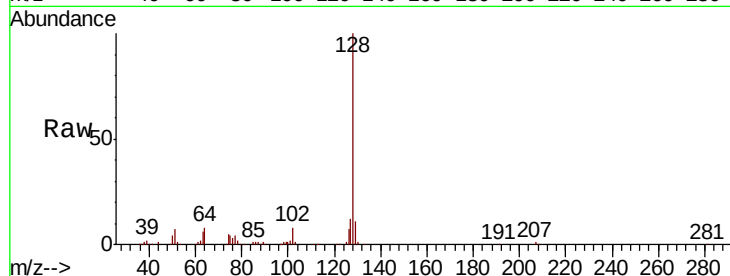




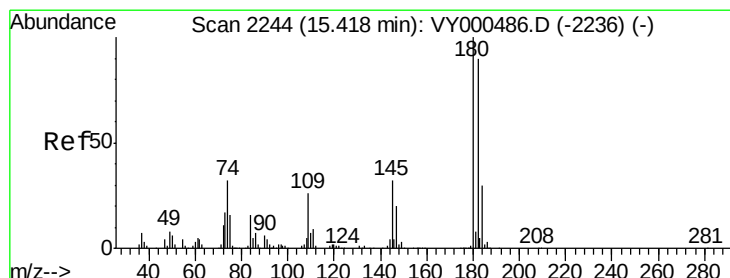
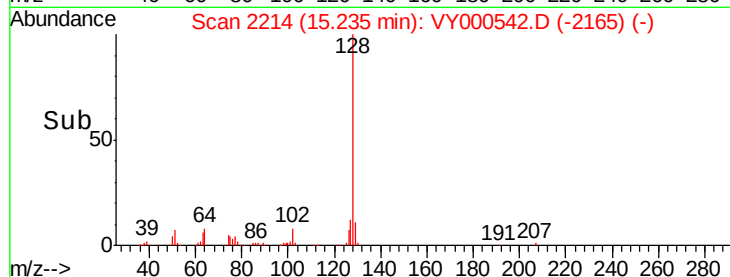
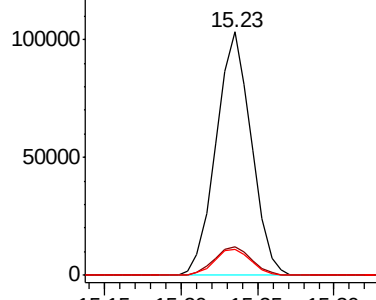
#95
Naphthalene
Concen: 20.946 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 165128
Ion Ratio Lower Upper
128 100
127 12.3 9.8 14.6
129 11.3 8.7 13.1

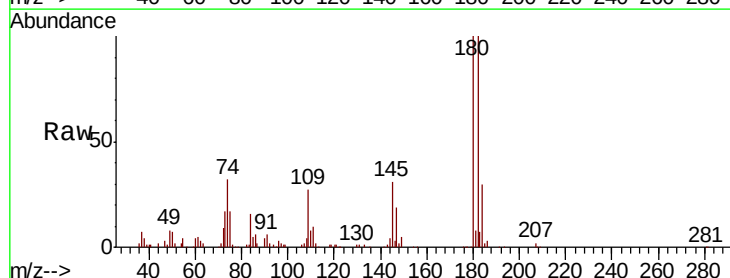


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.966 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000542.D
Acq: 06 Nov 2019 11:51

Tgt Ion:180 Resp: 66798
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.3
145 33.1 15.7 47.0



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

