

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110119\
 Data File : VY000519.D
 Acq On : 01 Nov 2019 12:04
 Operator : SY/MD
 Sample : VY1101SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 23:24:03 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	237399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	388660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	346119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	172503	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	138203	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
35) Dibromofluoromethane	7.73	113	119666	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	10.18	98	492268	56.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.72%	
62) 4-Bromofluorobenzene	12.48	95	166559	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	44333	18.971	ug/l 97
3) Chloromethane	2.11	50	64512	20.039	ug/l 98
4) Vinyl Chloride	2.25	62	58559	19.588	ug/l 98
5) Bromomethane	2.65	94	37735	21.049	ug/l 91
6) Chloroethane	2.79	64	40754	21.782	ug/l 96
7) Trichlorofluoromethane	3.13	101	84303	20.881	ug/l 97
8) Diethyl Ether	3.54	74	29753	20.741	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	49161	20.141	ug/l 99
10) Methyl Iodide	4.10	142	55831	19.465	ug/l 99
11) Tert butyl alcohol	5.00	59	21062	88.070	ug/l # 72
12) 1,1-Dichloroethene	3.88	96	48151	20.305	ug/l 97
13) Acrolein	3.74	56	19689	94.516	ug/l 100
14) Allyl chloride	4.49	41	79277	20.560	ug/l 99
15) Acrylonitrile	5.18	53	71401	97.162	ug/l 99
16) Acetone	3.97	43	52231	77.138	ug/l 99
17) Carbon Disulfide	4.19	76	150105	20.069	ug/l 100
18) Methyl Acetate	4.49	43	36905	17.529	ug/l 96
19) Methyl tert-butyl Ether	5.23	73	131066	19.879	ug/l 98
20) Methylene Chloride	4.72	84	59817	20.617	ug/l 94
21) trans-1,2-Dichloroethene	5.23	96	53858	20.090	ug/l 97
22) Diisopropyl ether	6.13	45	167043	19.931	ug/l 98
23) Vinyl Acetate	6.07	43	542428	102.527	ug/l 100
24) 1,1-Dichloroethane	6.02	63	91630	20.181	ug/l 99
25) 2-Butanone	7.00	43	94716	87.649	ug/l # 89
26) 2,2-Dichloropropane	6.99	77	82215	19.814	ug/l 100
27) cis-1,2-Dichloroethene	6.99	96	59351	20.246	ug/l 99
28) Bromochloromethane	7.35	49	24086	14.772	ug/l 96
29) Tetrahydrofuran	7.36	42	61784	93.458	ug/l 97
30) Chloroform	7.52	83	93845	20.432	ug/l 100
31) Cyclohexane	7.79	56	94747	19.924	ug/l 91
32) 1,1,1-Trichloroethane	7.71	97	83367	20.366	ug/l 99
36) 1,1-Dichloropropene	7.92	75	76218	20.744	ug/l 98
37) Ethyl Acetate	7.09	43	44381	20.345	ug/l 96
38) Carbon Tetrachloride	7.91	117	73996	20.930	ug/l 98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	95437	20.106	ug/l	95
40) Benzene	8.17	78	219683	20.394	ug/l	97
41) Methacrylonitrile	7.36	41	35416	29.103	ug/l #	7
42) 1,2-Dichloroethane	8.25	62	64754	21.195	ug/l	99
43) Isopropyl Acetate	8.28	43	84386	20.593	ug/l	98
44) Trichloroethene	8.94	130	60665	21.360	ug/l	96
45) 1,2-Dichloropropane	9.22	63	54633	20.607	ug/l #	87
46) Dibromomethane	9.31	93	29759	20.410	ug/l	99
47) Bromodichloromethane	9.50	83	71005	20.524	ug/l	97
48) Methyl methacrylate	9.30	41	37966	21.205	ug/l	94
49) 1,4-Dioxane	9.32	88	3845	195.943	ug/l #	1
51) 4-Methyl-2-Pentanone	10.08	43	218832	100.443	ug/l	100
52) Toluene	10.25	92	138551	20.344	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	74752	20.222	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	85886	20.281	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	43366	20.563	ug/l	96
56) Ethyl methacrylate	10.51	69	61393	20.540	ug/l	99
57) 1,3-Dichloropropane	10.79	76	74804	20.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	136991	101.378	ug/l	100
59) 2-Hexanone	10.83	43	153749	96.858	ug/l	99
60) Dibromochloromethane	10.99	129	49491	20.488	ug/l	98
61) 1,2-Dibromoethane	11.09	107	41286	20.361	ug/l	96
64) Tetrachloroethene	10.72	164	61231	21.395	ug/l	96
65) Chlorobenzene	11.52	112	146920	20.936	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	50530	20.762	ug/l	100
67) Ethyl Benzene	11.60	91	272475	21.097	ug/l	100
68) m/p-Xylenes	11.70	106	206301	41.271	ug/l	98
69) o-Xylene	12.03	106	97805	20.819	ug/l	94
70) Styrene	12.05	104	163470	20.321	ug/l	99
71) Bromoform	12.20	173	28844	20.605	ug/l #	99
73) Isopropylbenzene	12.33	105	260854	20.460	ug/l	99
74) N-amyl acetate	12.14	43	75205	20.596	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	51143	20.260	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	69261	35.262	ug/l #	100
77) Bromobenzene	12.61	156	58832	20.349	ug/l	99
78) n-propylbenzene	12.67	91	314040	20.415	ug/l	99
79) 2-Chlorotoluene	12.76	91	173156	20.276	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	219908	20.710	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	17247	19.688	ug/l	98
82) 4-Chlorotoluene	12.85	91	181749	20.531	ug/l	100
83) tert-Butylbenzene	13.08	119	186853	20.610	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	221110	20.914	ug/l	98
85) sec-Butylbenzene	13.25	105	266605	20.640	ug/l	99
86) p-Isopropyltoluene	13.37	119	237302	20.613	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	114721	20.258	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	119193	21.064	ug/l	99
89) n-Butylbenzene	13.70	91	232408	20.468	ug/l	99
90) Hexachloroethane	13.96	117	42742	20.083	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	104712	20.380	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9330	20.884	ug/l	98

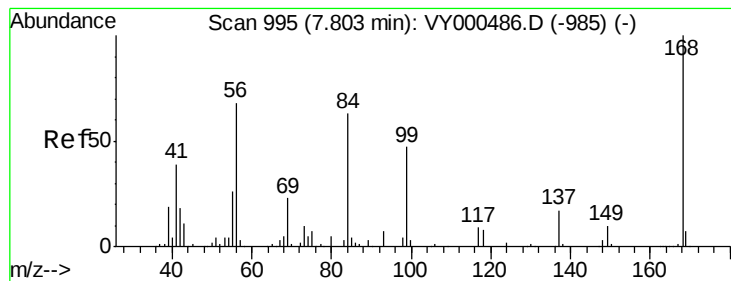
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	72641	20.764	ug/l	98
94) Hexachlorobutadiene	15.11	225	39400	21.848	ug/l	98
95) Naphthalene	15.23	128	162701	20.950	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	67067	21.368	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

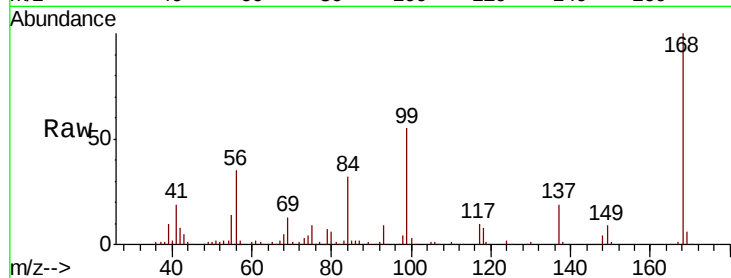
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 237399

Ion Ratio Lower Upper

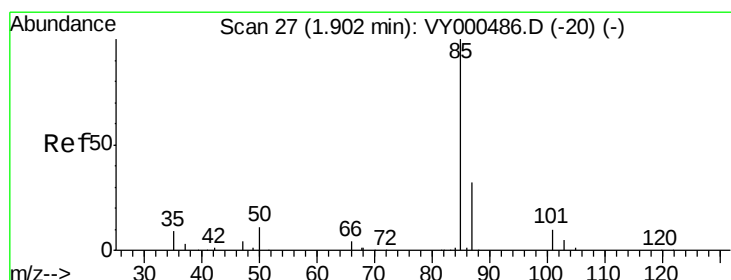
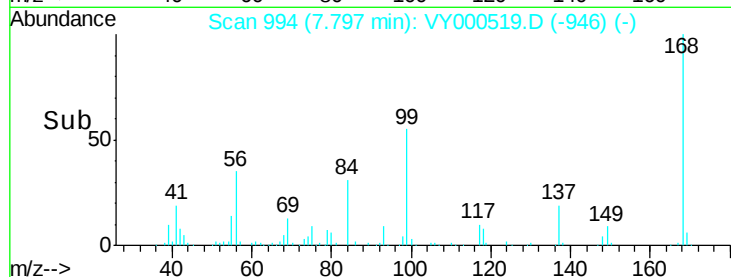
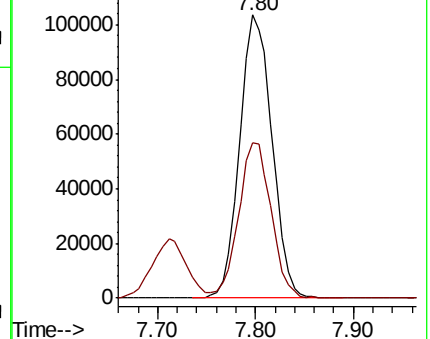
168 100

99 55.1 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) (-)



#2

Dichlorodifluoromethane

Concen: 18.971 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000519.D

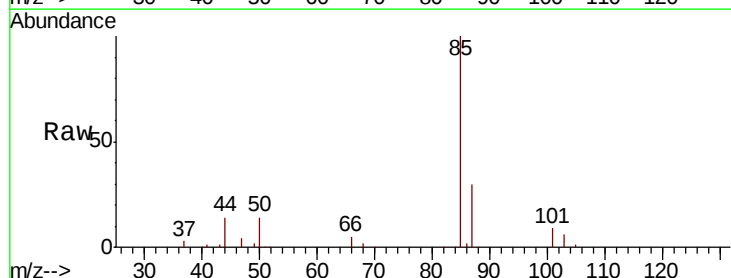
Acq: 01 Nov 2019 12:04

Tgt Ion: 85 Resp: 44333

Ion Ratio Lower Upper

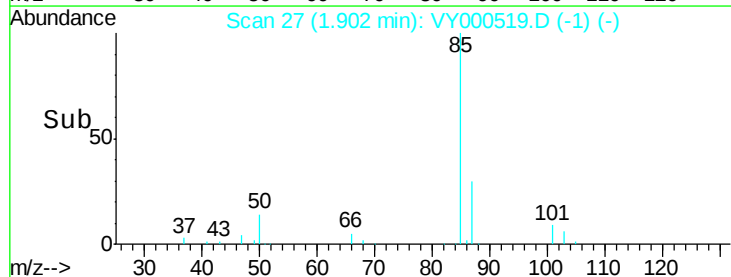
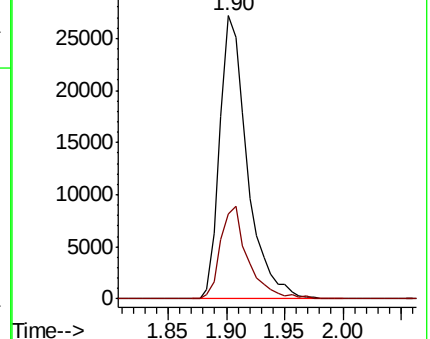
85 100

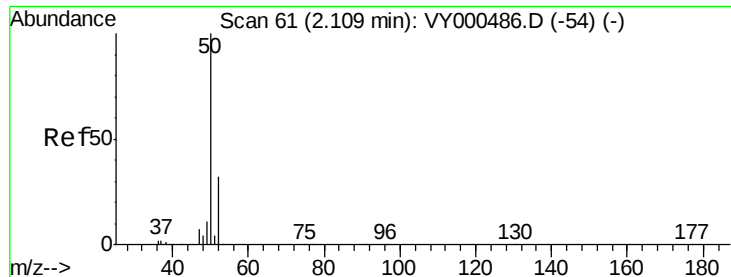
87 30.0 15.9 47.7



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

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





#3

Chloromethane

Concen: 20.039 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Instrument :

MSVOA_Y

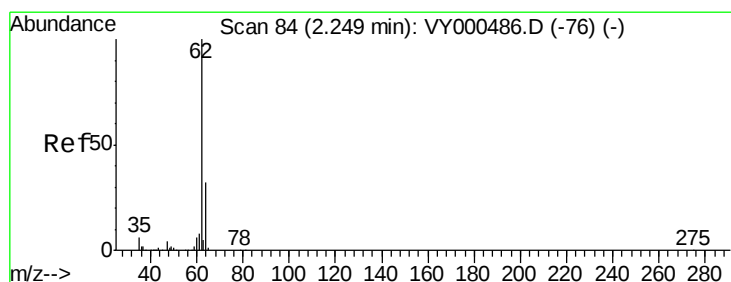
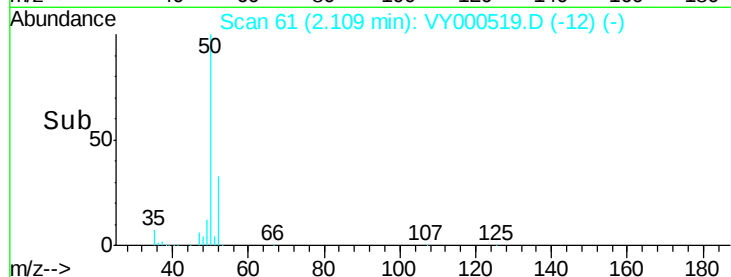
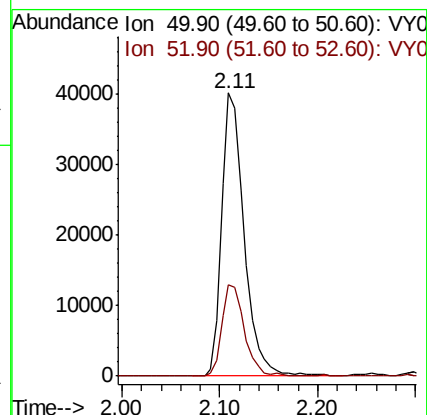
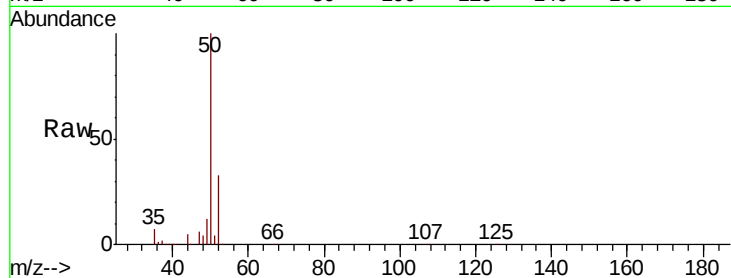
ClientSampleId :

Tot Ion: 50 Resp: 64512

Ion Ratio Lower Upper

50 100

52 32.5 25.2 37.8



#4

Vinyl Chloride

Concen: 19.588 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000519.D

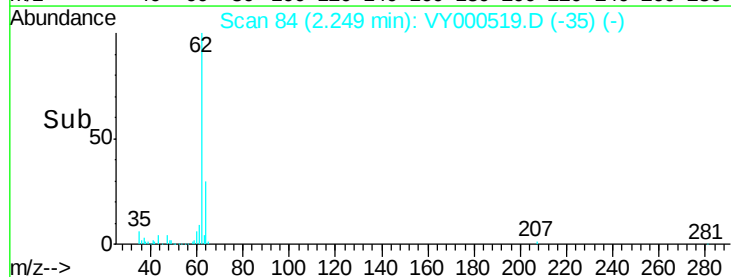
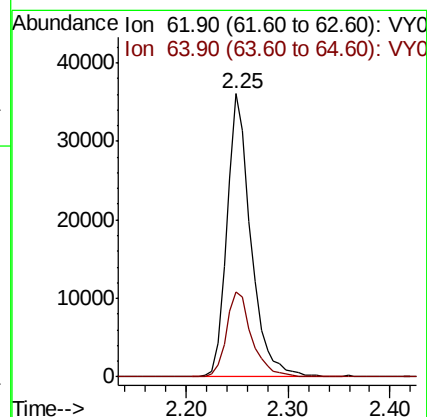
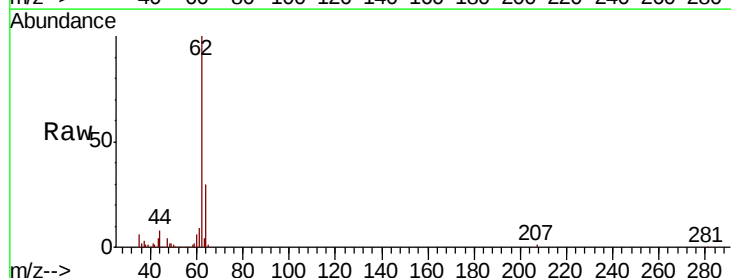
Acq: 01 Nov 2019 12:04

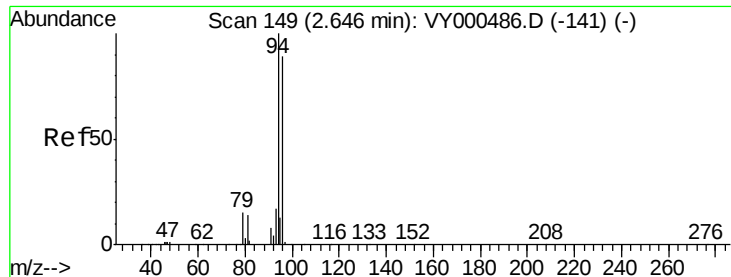
Tgt Ion: 62 Resp: 58559

Ion Ratio Lower Upper

62 100

64 30.1 25.2 37.8





#5

Bromomethane

Concen: 21.049 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

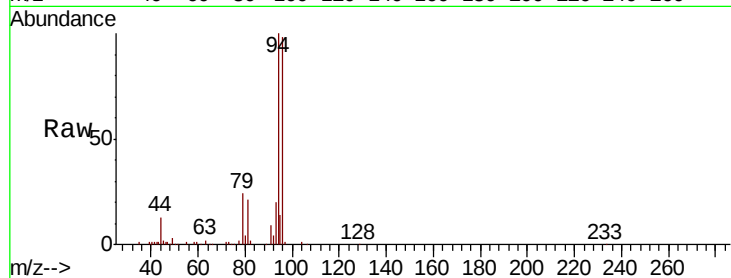
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 37735

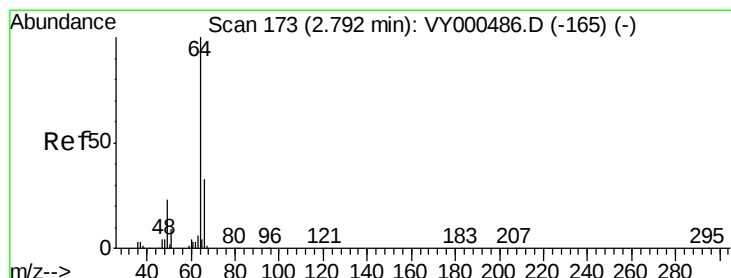
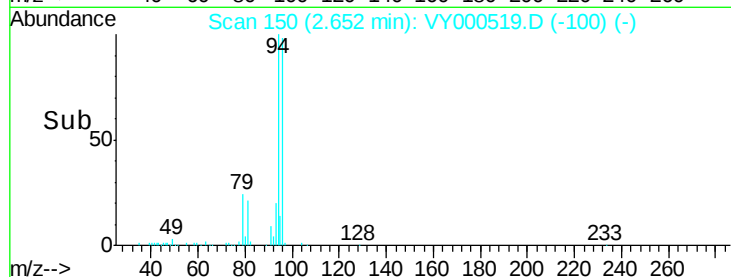
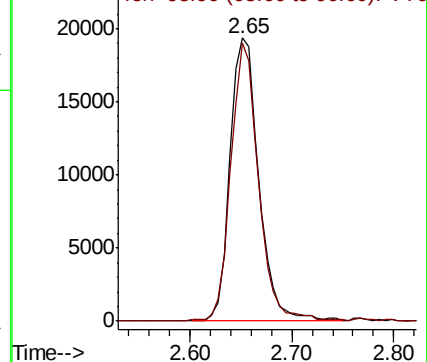
Ion Ratio Lower Upper

94 100

96 97.7 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: 21.782 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000519.D

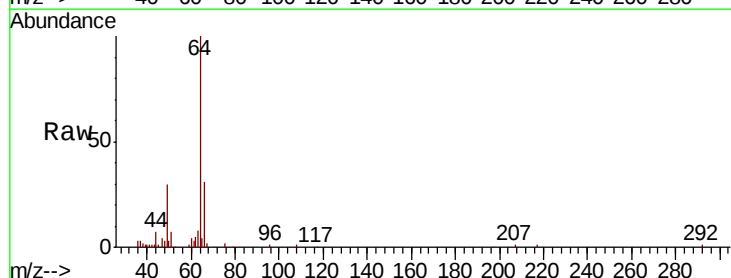
Acq: 01 Nov 2019 12:04

Tgt Ion: 64 Resp: 40754

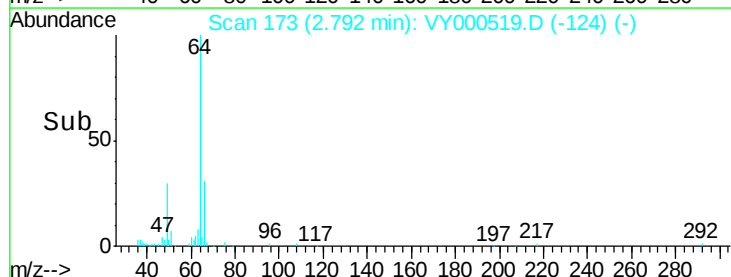
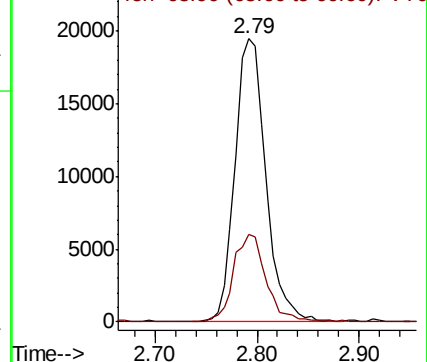
Ion Ratio Lower Upper

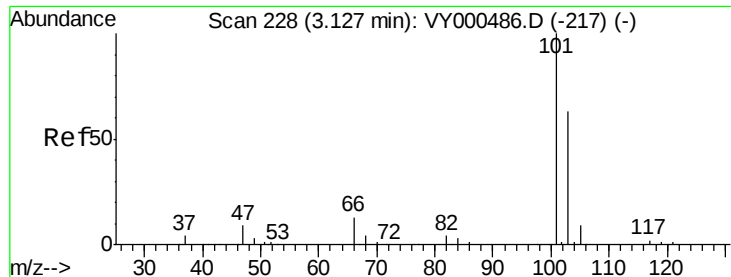
64 100

66 31.0 26.6 40.0



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



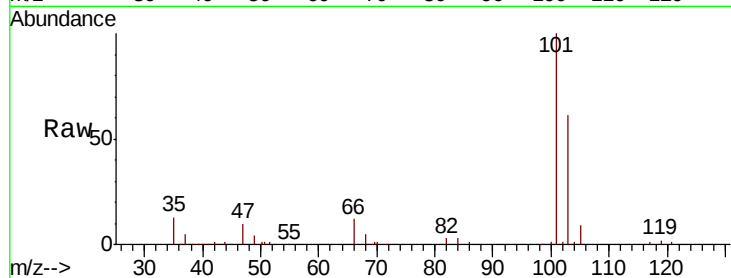


#7

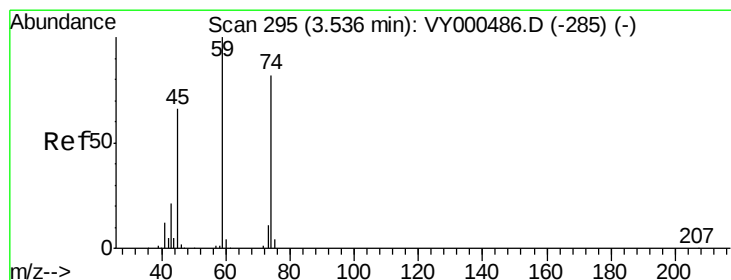
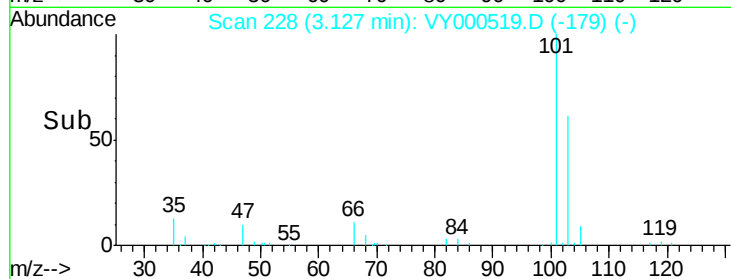
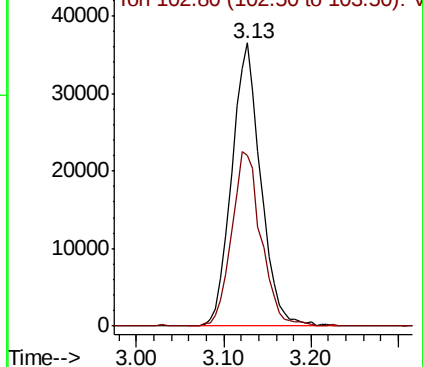
Trichlorofluoromethane
 Concen: 20.881 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:101 Resp: 84303
 Ion Ratio Lower Upper
 101 100
 103 60.5 50.5 75.7



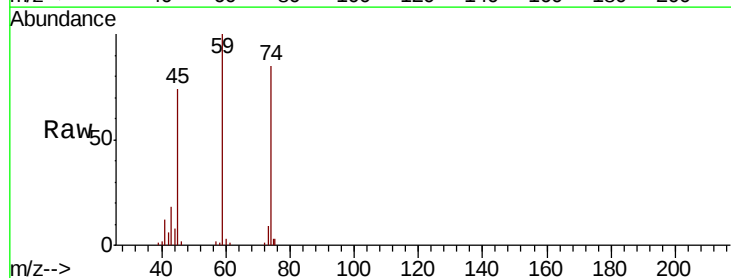
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



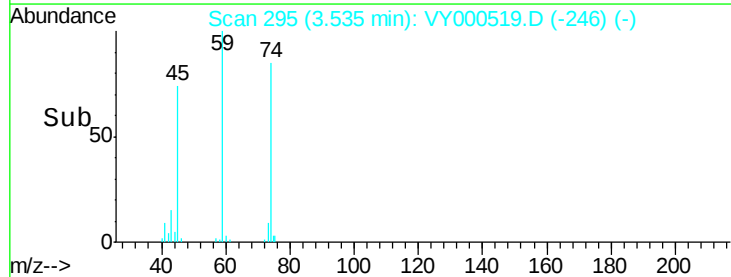
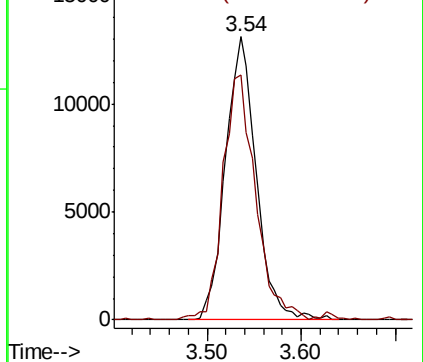
#8

Diethyl Ether
 Concen: 20.741 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

Tgt Ion: 74 Resp: 29753
 Ion Ratio Lower Upper
 74 100
 45 91.6 45.5 136.4



Abundance Ion 74.00 (73.70 to 74.70): VY0
 Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.141 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Instrument :

MSVOA_Y

ClientSampleId :

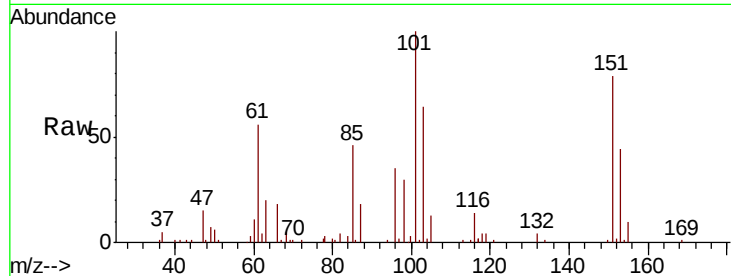
Tot Ion:101 Resp: 49161

Ion Ratio Lower Upper

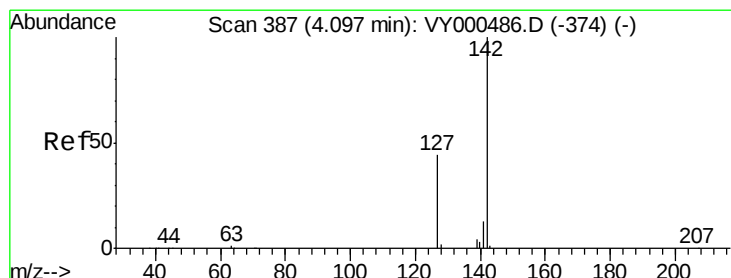
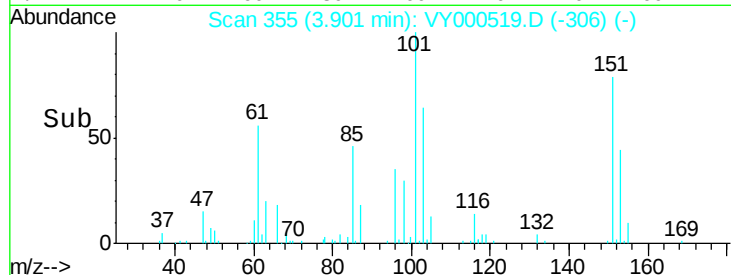
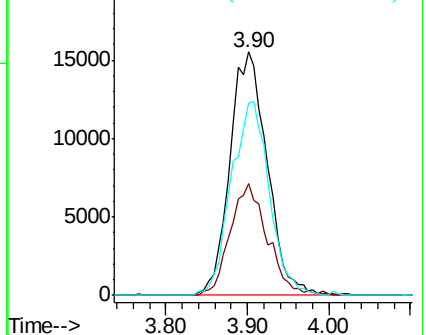
101 100

85 45.8 36.7 55.1

151 81.3 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: 19.465 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

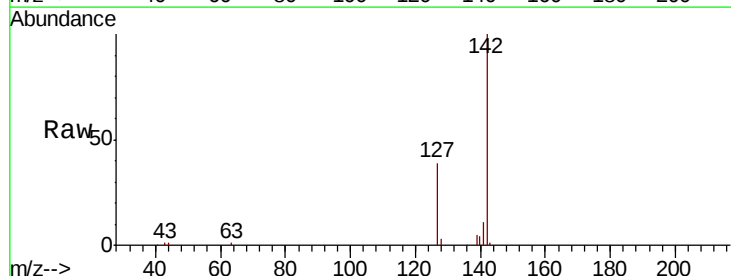
Tgt Ion:142 Resp: 55831

Ion Ratio Lower Upper

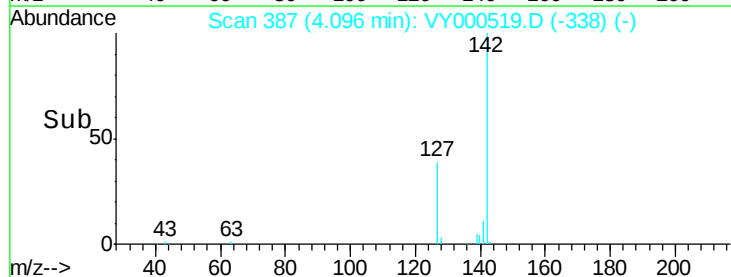
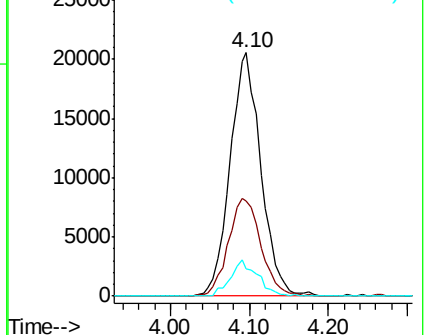
142 100

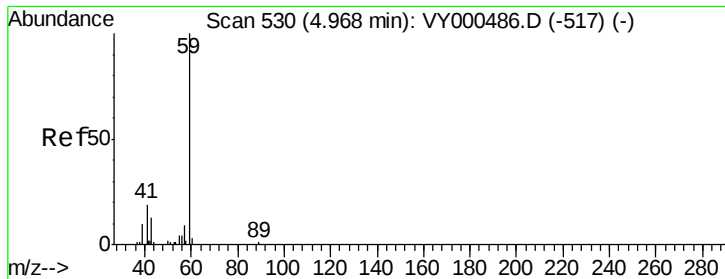
127 42.5 33.7 50.5

141 13.3 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



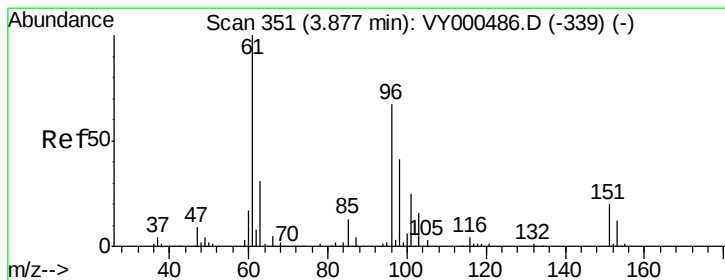
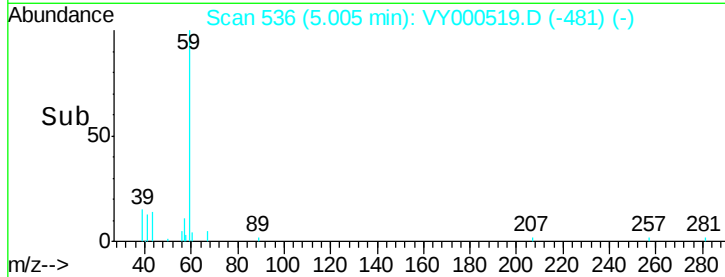
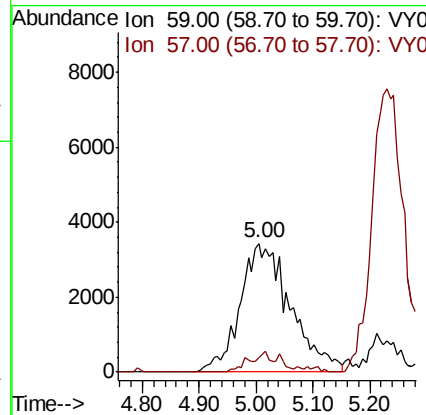
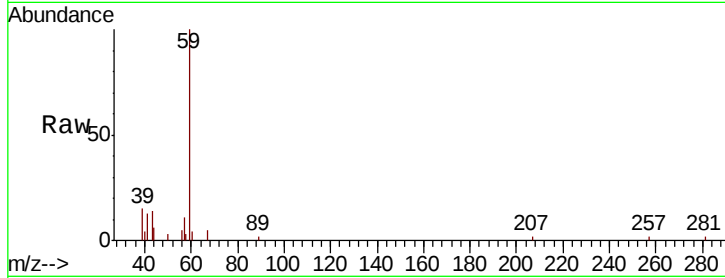


#11

Tert butyl alcohol
 Concen: 88.070 ug/l
 RT: 5.00 min Scan# 536
 Delta R.T. 0.04 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :

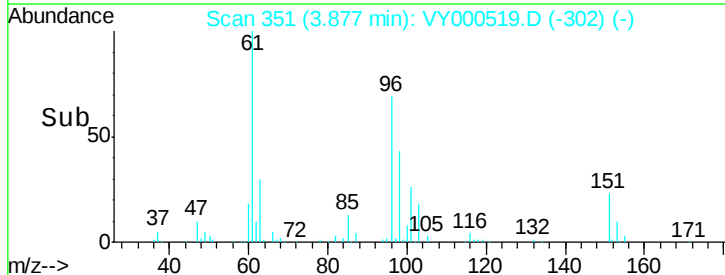
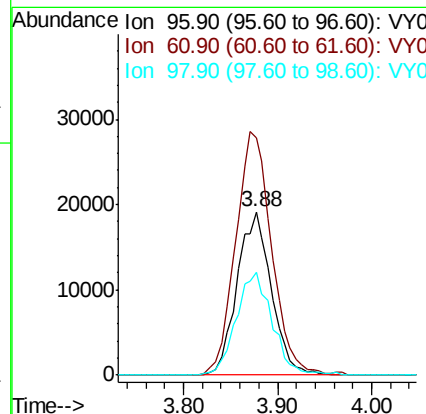
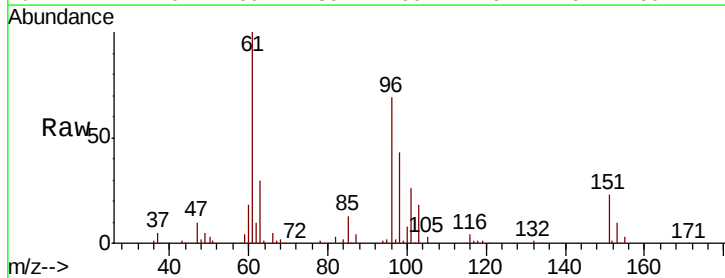
Tot Ion: 59 Resp: 21062
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

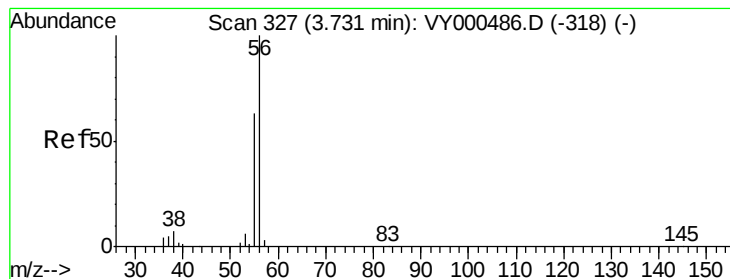


#12

1,1-Dichloroethene
 Concen: 20.305 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

Tgt Ion: 96 Resp: 48151
 Ion Ratio Lower Upper
 96 100
 61 145.0 119.2 178.8
 98 62.7 48.6 73.0





#13

Acrolein

Concen: 94.516 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Instrument :

MSVOA_Y

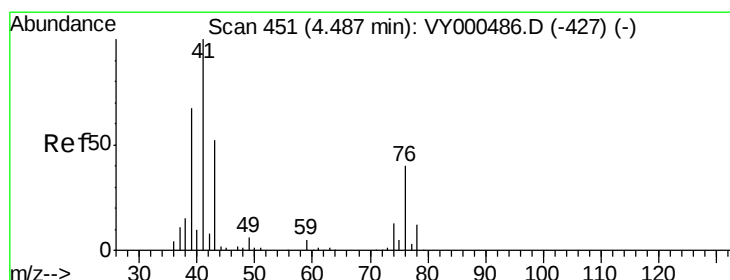
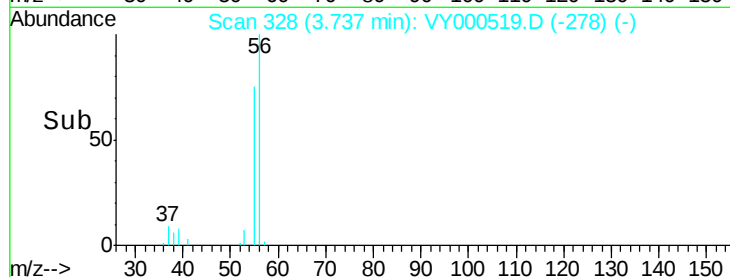
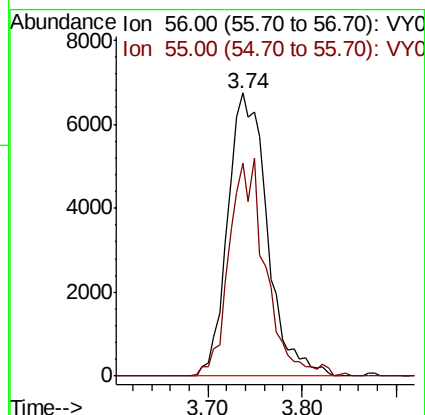
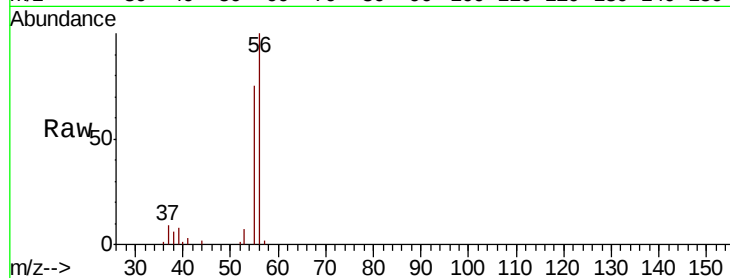
ClientSampleId :

Tot Ion: 56 Resp: 19689

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.6



#14

Allyl chloride

Concen: 20.560 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

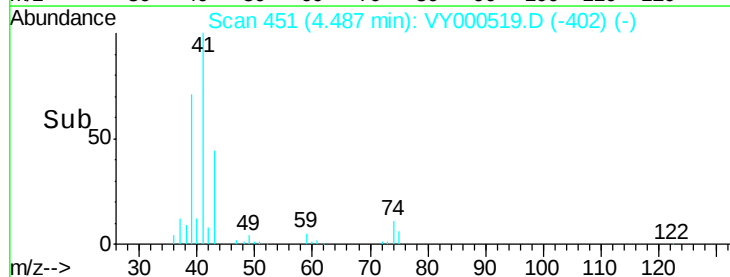
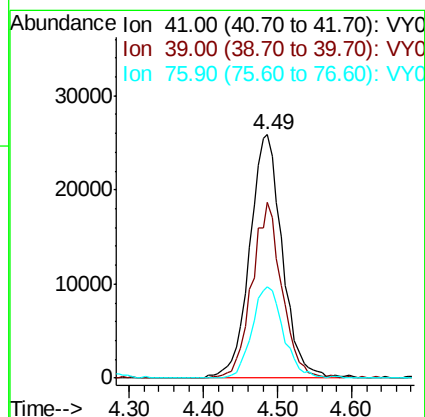
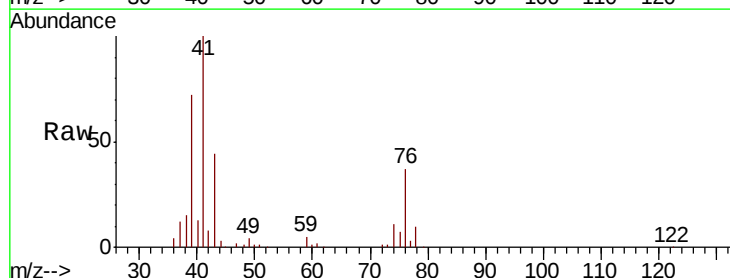
Tgt Ion: 41 Resp: 79277

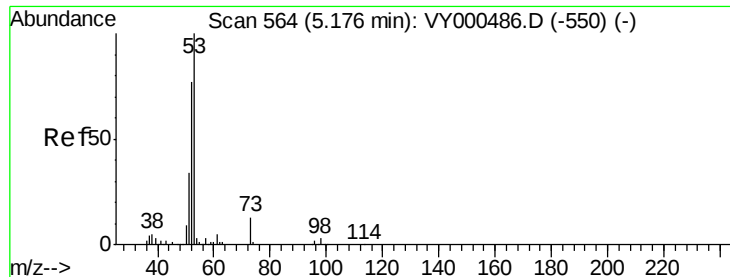
Ion Ratio Lower Upper

41 100

39 66.2 53.6 80.4

76 36.0 29.8 44.6





#15

Acrylonitrile

Concen: 97.162 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Instrument :

MSVOA_Y

ClientSampleId :

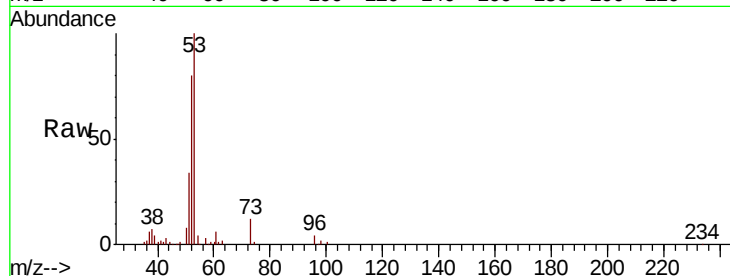
Tot Ion: 53 Resp: 71401

Ion Ratio Lower Upper

53 100

52 81.2 64.9 97.3

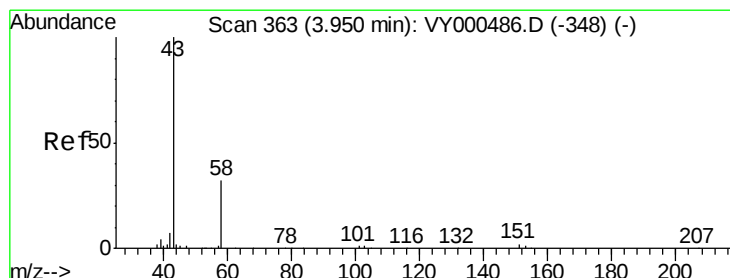
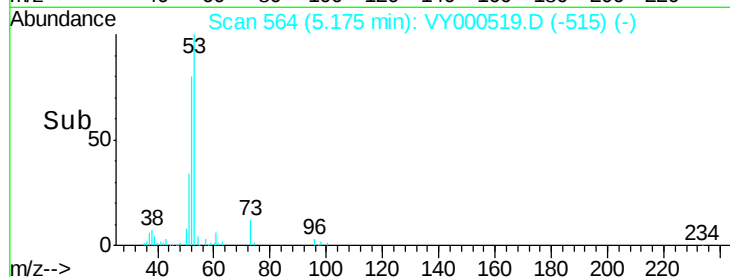
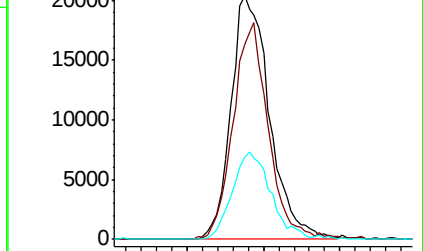
51 35.8 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY000519.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY000519.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY000519.D (-515) (-)



#16

Acetone

Concen: 77.138 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY000519.D

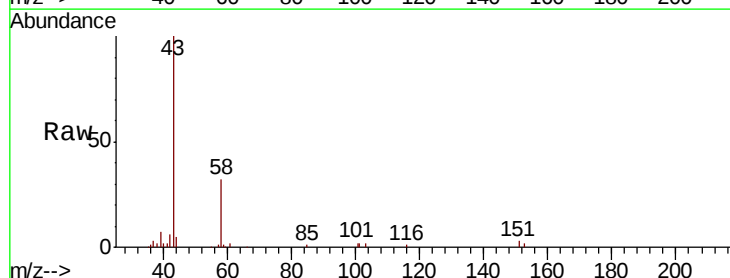
Acq: 01 Nov 2019 12:04

Tgt Ion: 43 Resp: 52231

Ion Ratio Lower Upper

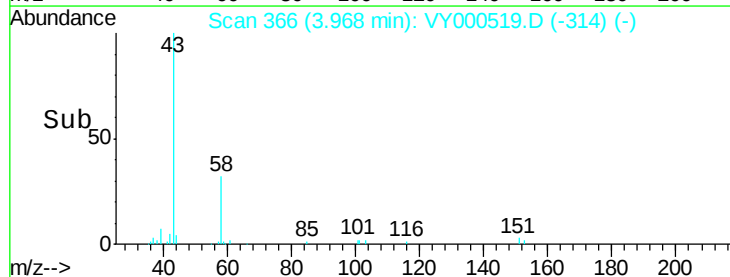
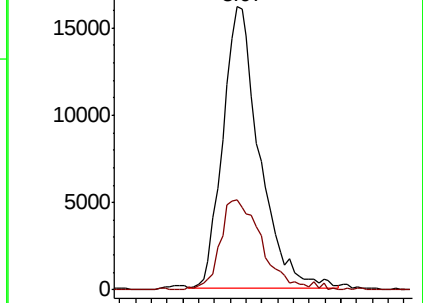
43 100

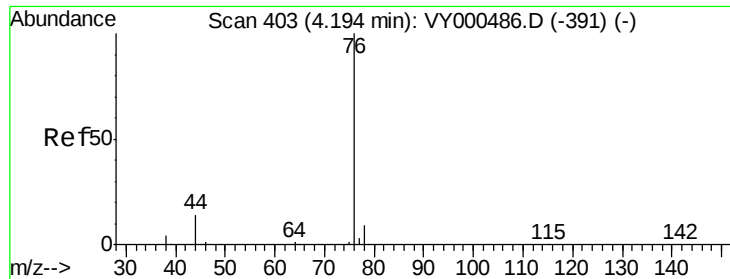
58 31.9 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000519.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY000519.D (-314) (-)

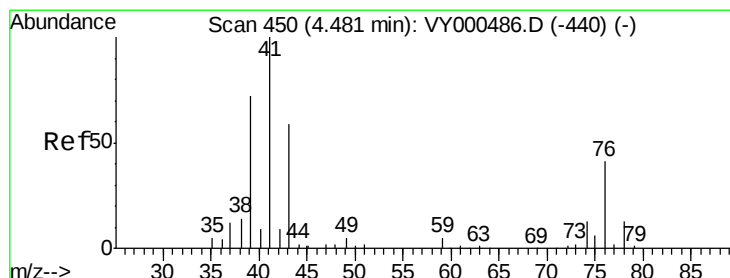
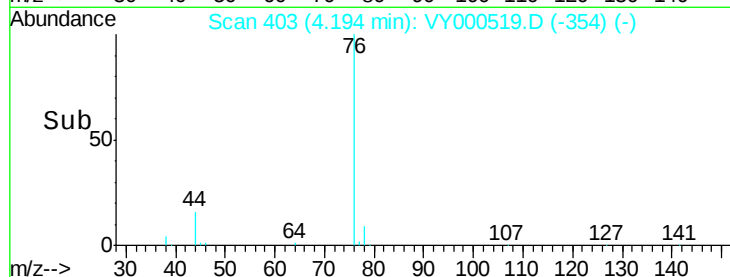
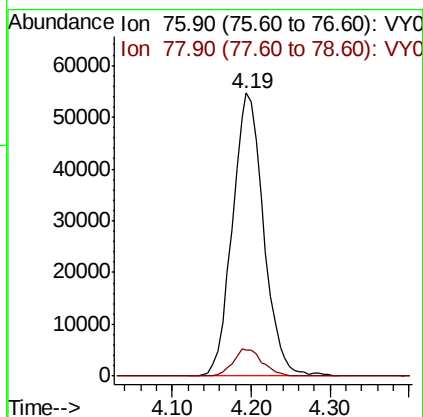
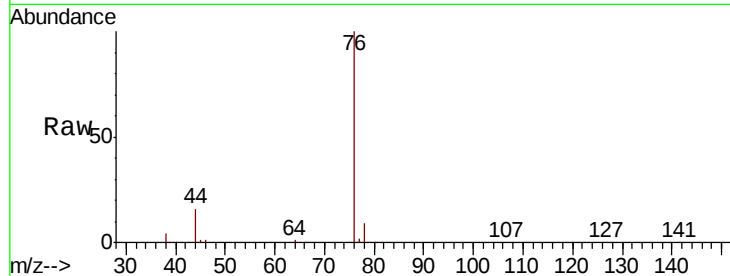




#17
Carbon Disulfide
Concen: 20.069 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

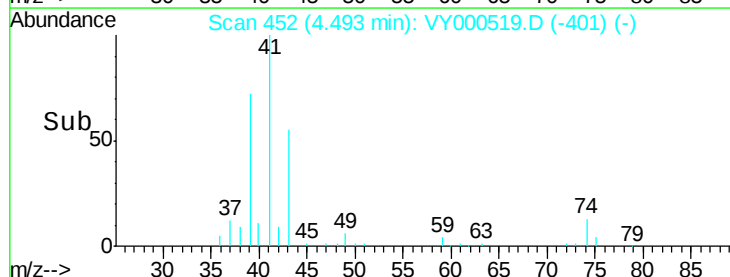
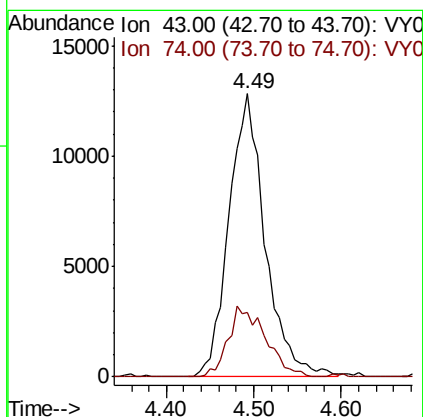
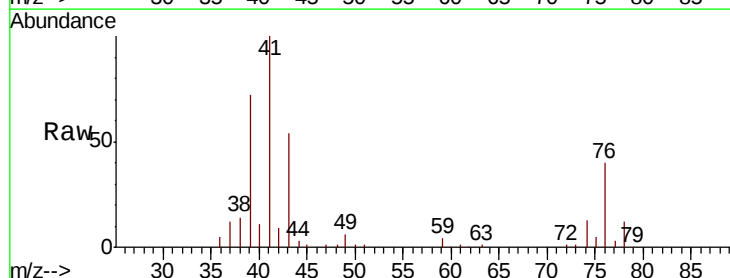
Instrument :
MSVOA_Y
ClientSampleId :

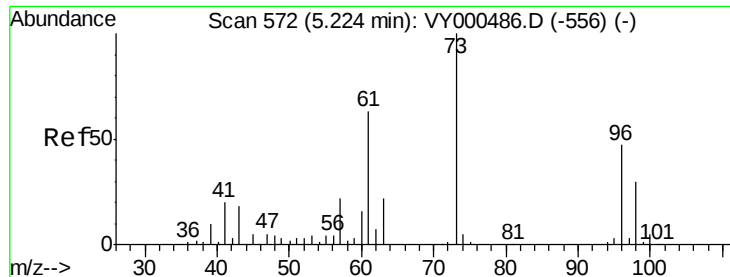
Tot Ion: 76 Resp: 150105
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 17.529 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion: 43 Resp: 36905
Ion Ratio Lower Upper
43 100
74 25.7 19.2 28.8

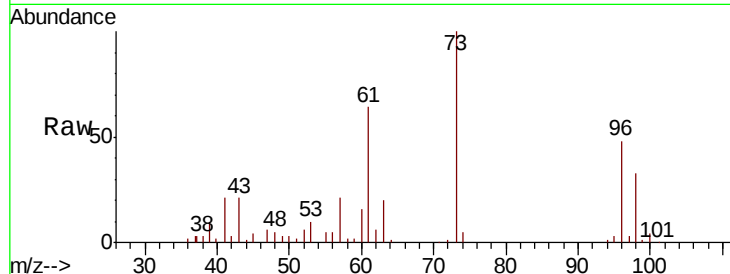




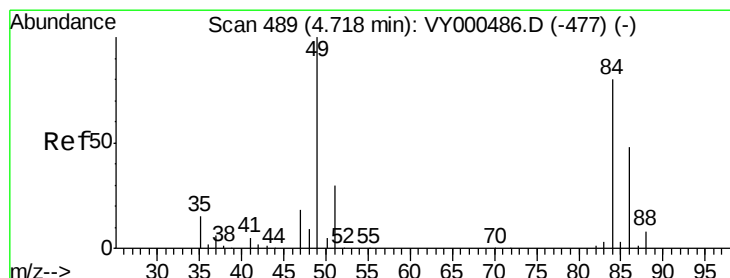
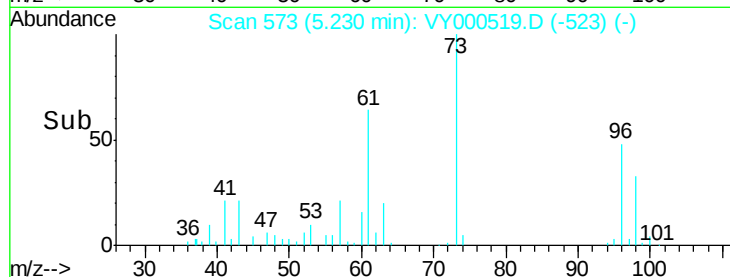
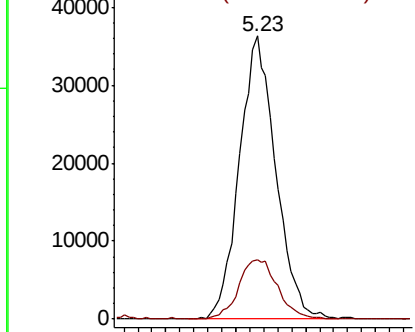
#19
Methvl tert-butvl Ether
Concen: 19.879 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 73 Resp: 131066
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.0

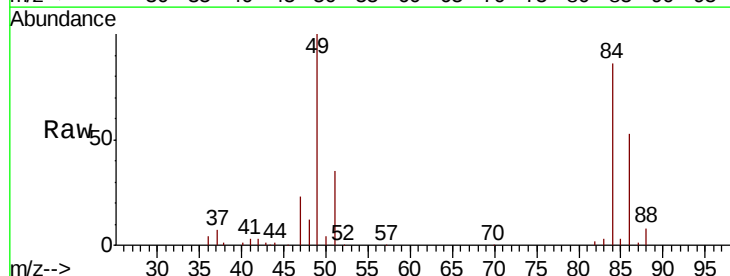


Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

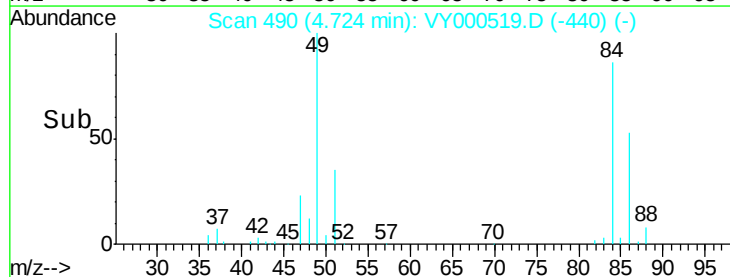
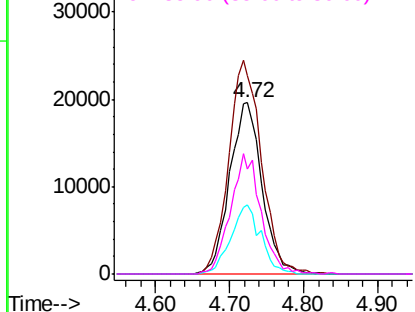


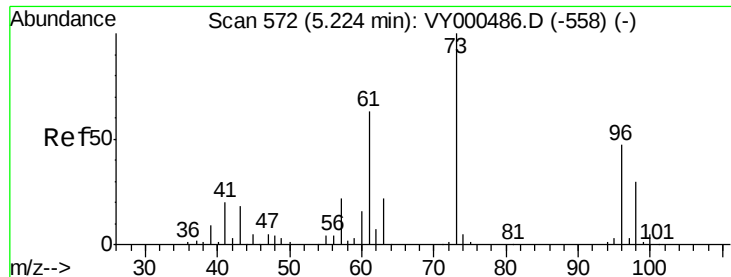
#20
Methylene Chloride
Concen: 20.617 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion: 84 Resp: 59817
Ion Ratio Lower Upper
84 100
49 116.2 100.2 150.4
51 40.6 29.6 44.4
86 61.1 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: 20.090 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Instrument :
MSVOA_Y
ClientSampleId :

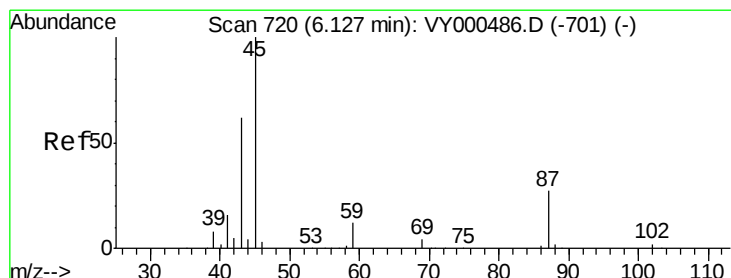
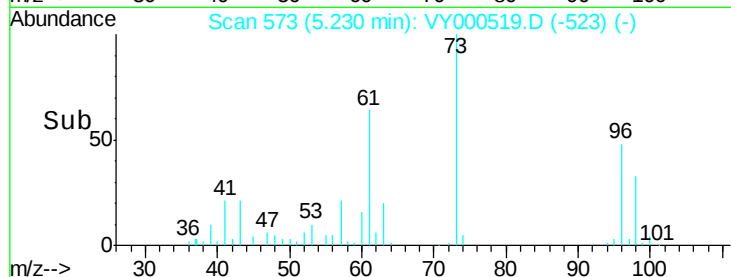
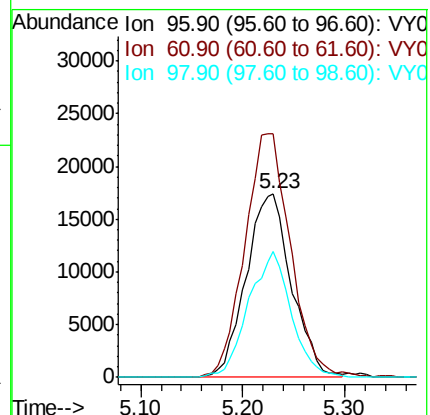
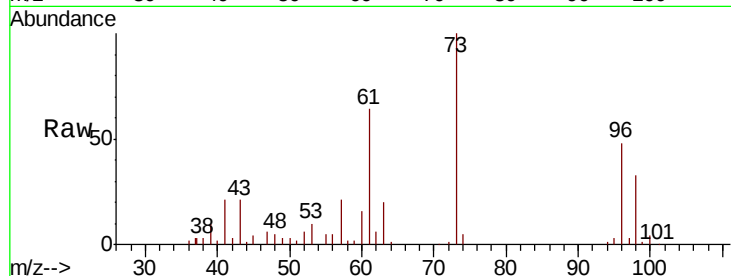
Tot Ion: 96 Resp: 53858

Ion Ratio Lower Upper

96 100

61 132.7 106.6 160.0

98 68.7 50.6 76.0



#22

Diisopropyl ether

Concen: 19.931 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Tgt Ion: 45 Resp: 167043

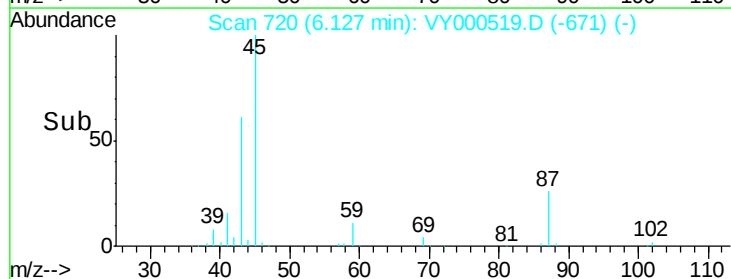
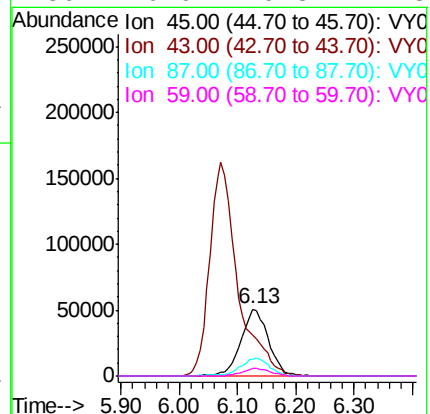
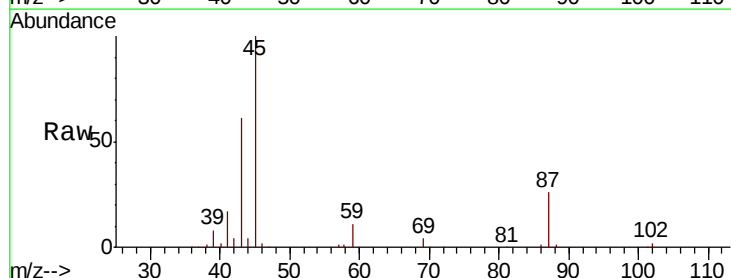
Ion Ratio Lower Upper

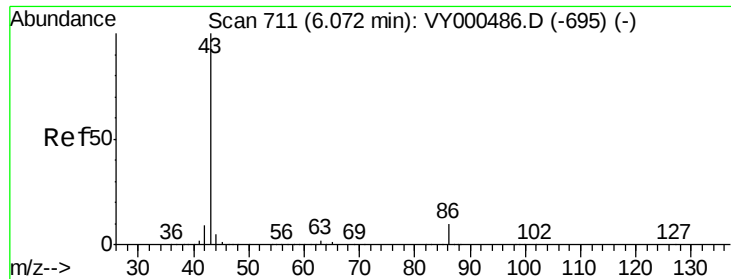
45 100

43 61.3 50.0 75.0

87 25.7 21.6 32.4

59 10.9 9.5 14.3





#23

Vinyl Acetate

Concen: 102.527 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

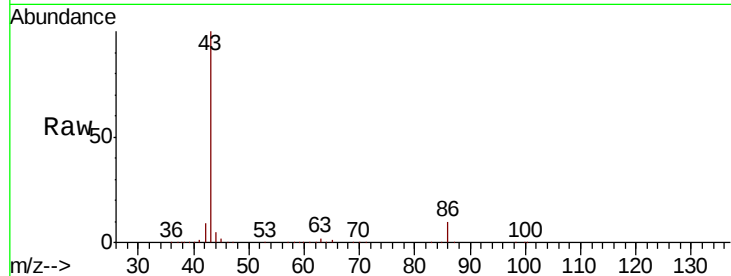
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 542428

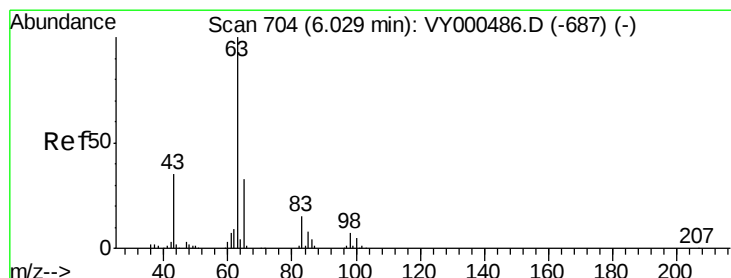
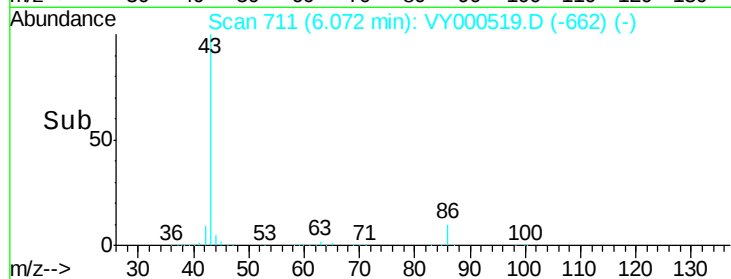
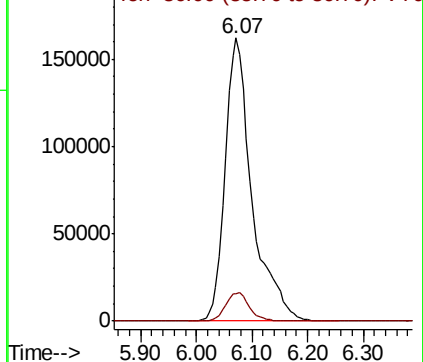
Ion Ratio Lower Upper

43 100

86 9.8 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: 20.181 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

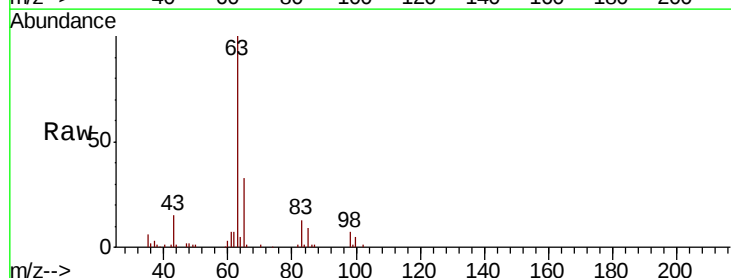
Tgt Ion: 63 Resp: 91630

Ion Ratio Lower Upper

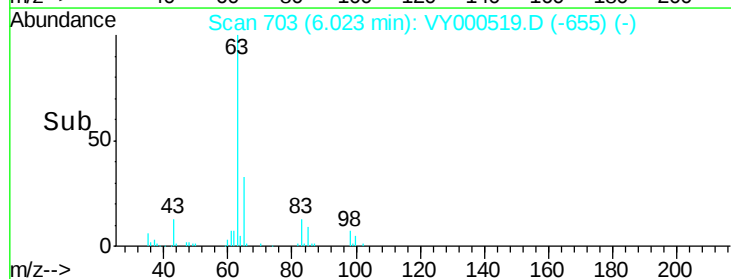
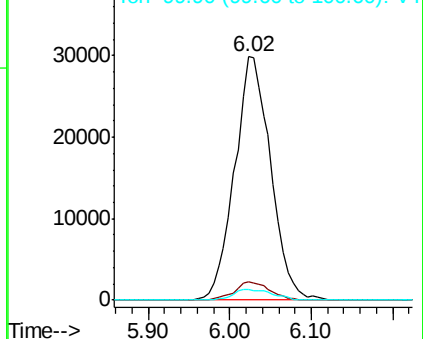
63 100

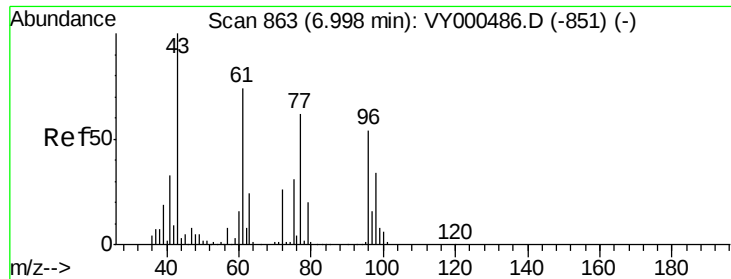
98 7.3 3.5 10.6

100 4.6 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: 87.649 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Instrument :

MSVOA_Y

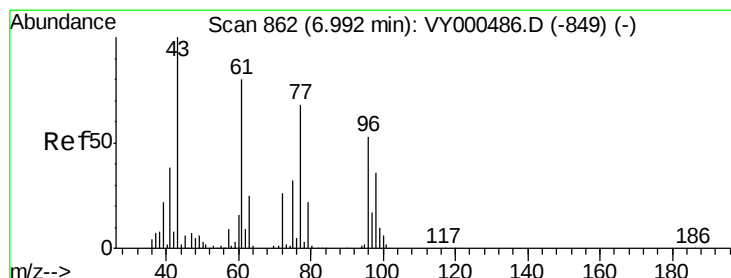
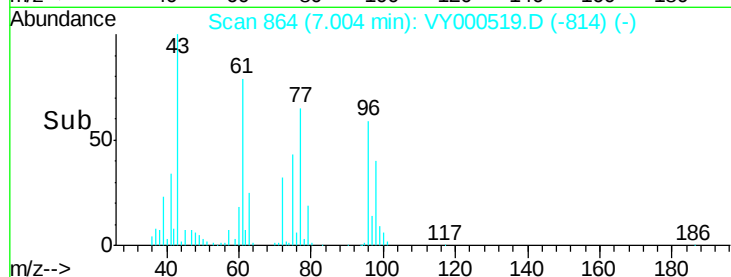
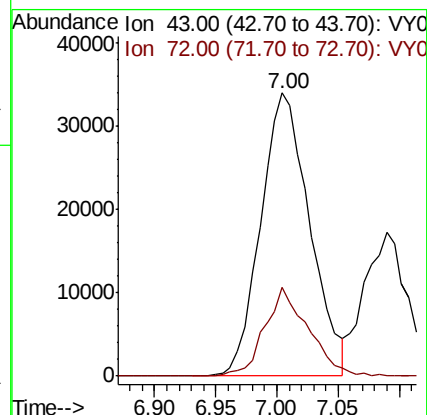
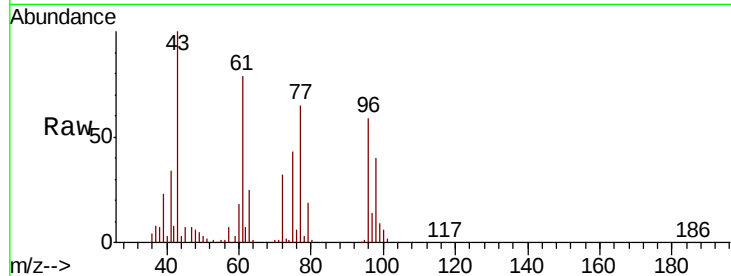
ClientSampleId :

Tot Ion: 43 Resp: 94716

Ion Ratio Lower Upper

43 100

72 31.6 20.9 31.3#



#26

2,2-Dichloropropane

Concen: 19.814 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000519.D

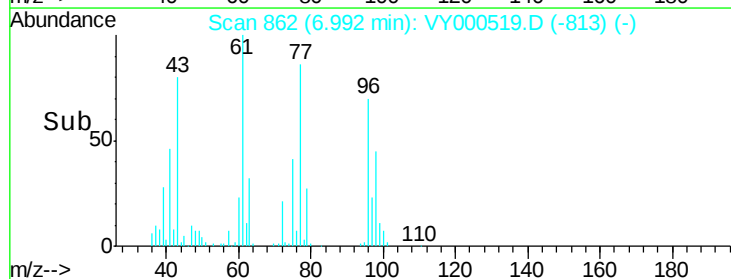
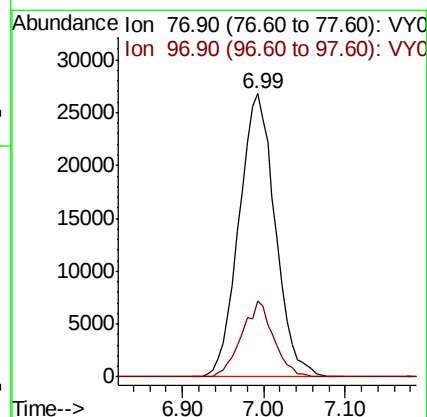
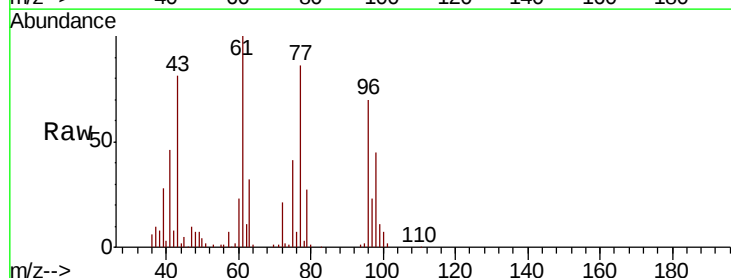
Acq: 01 Nov 2019 12:04

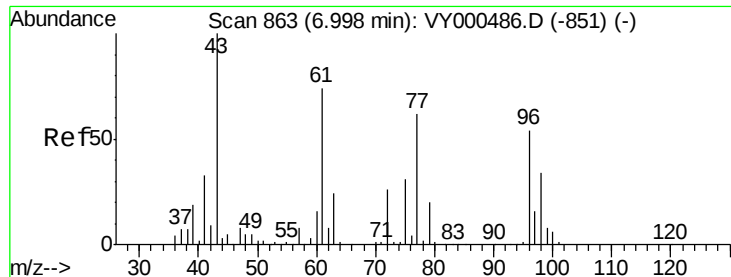
Tgt Ion: 77 Resp: 82215

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4



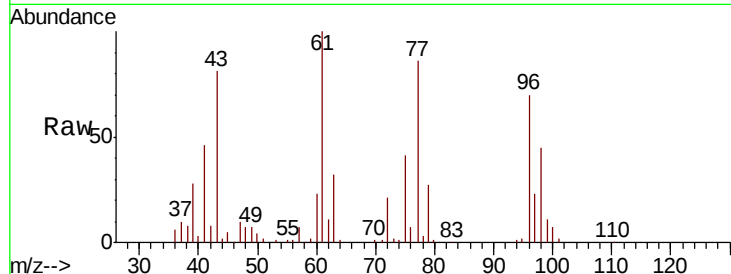


#27

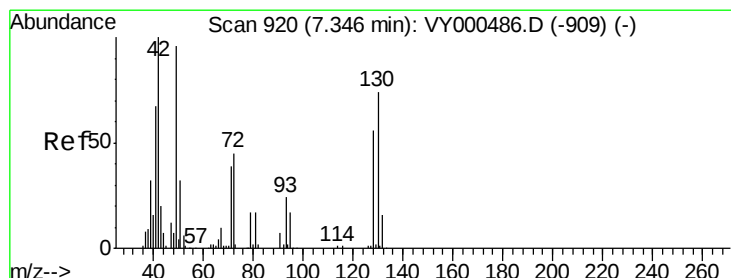
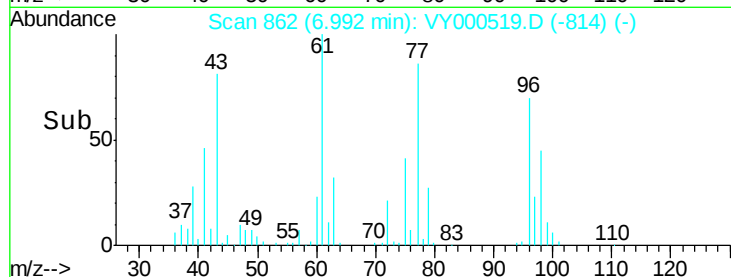
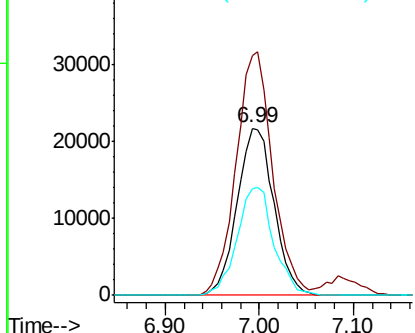
cis-1,2-Dichloroethene
Concen: 20.246 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	287.0
98	64.6	0.0	129.4



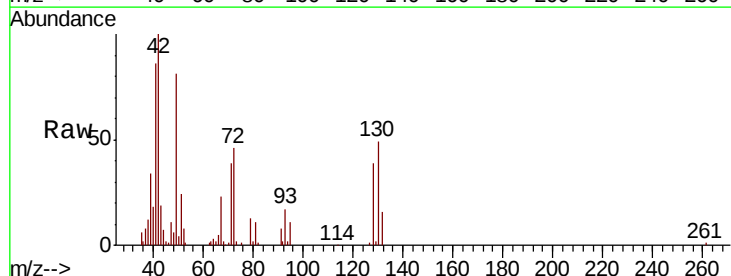
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



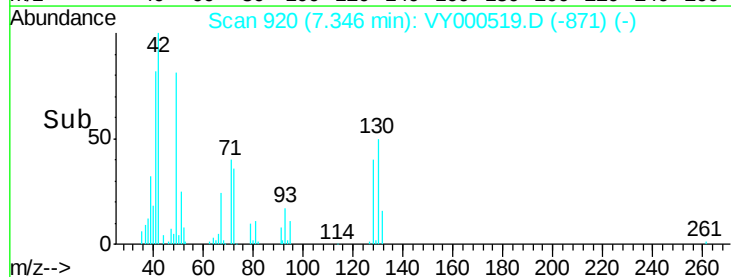
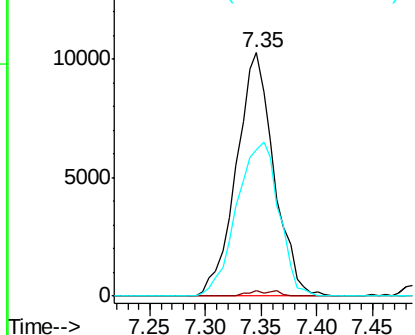
#28

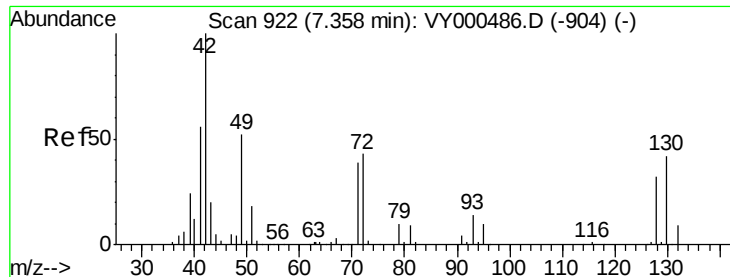
Bromochloromethane
Concen: 14.772 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	70.9	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

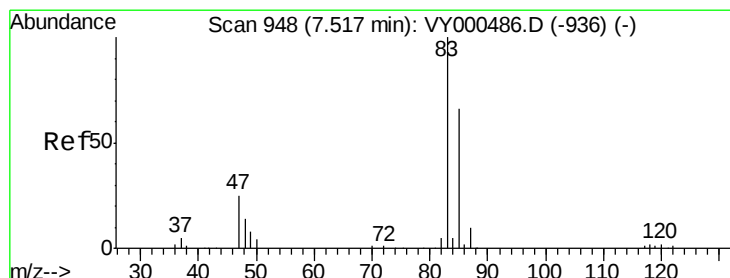
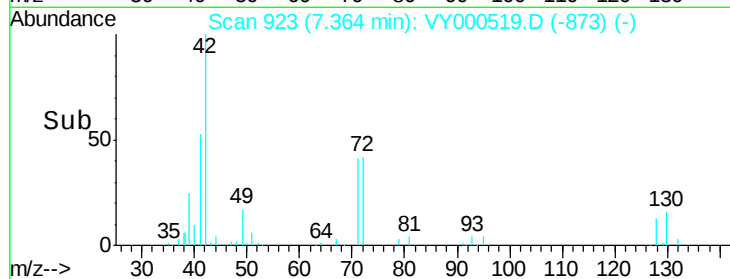
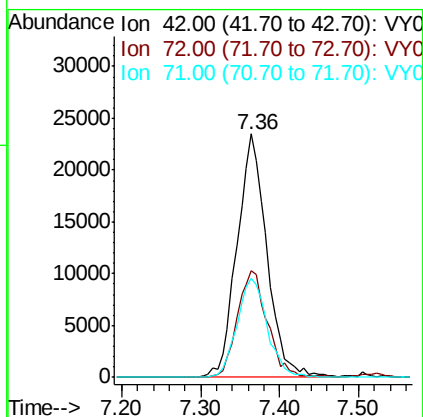
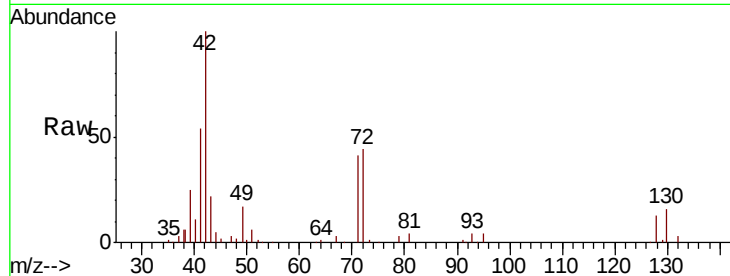




#29
Tetrahydrofuran
Concen: 93.458 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

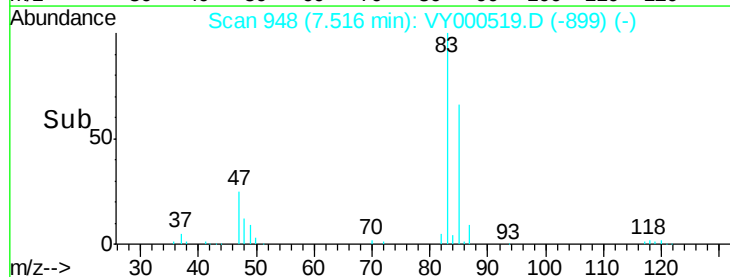
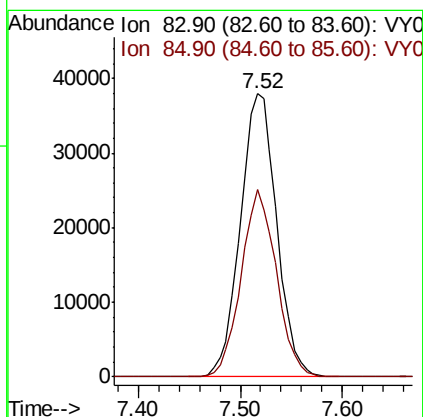
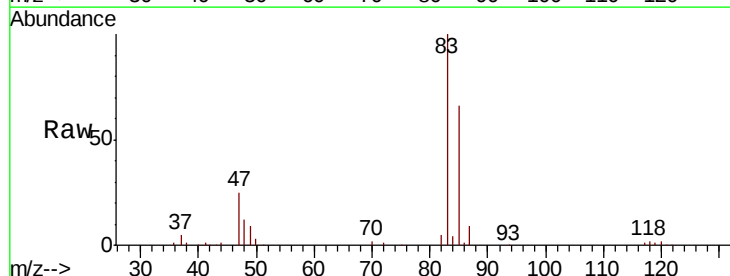
Instrument :
MSVOA_Y
ClientSampled :

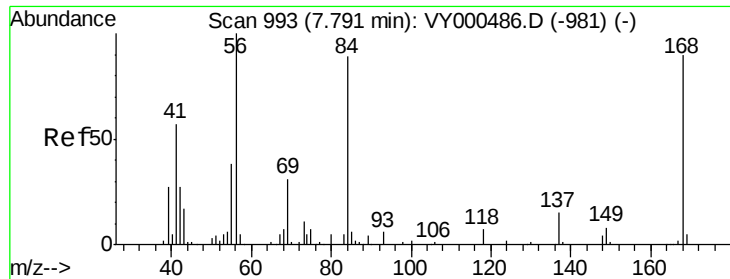
Tot Ion: 42 Resp: 61784
Ion Ratio Lower Upper
42 100
72 43.8 34.0 51.0
71 41.2 30.8 46.2



#30
Chloroform
Concen: 20.432 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion: 83 Resp: 93845
Ion Ratio Lower Upper
83 100
85 66.4 53.0 79.4

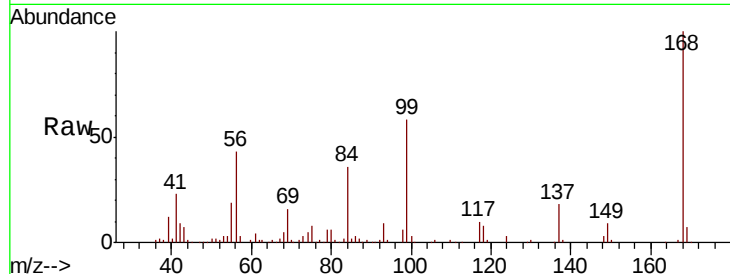




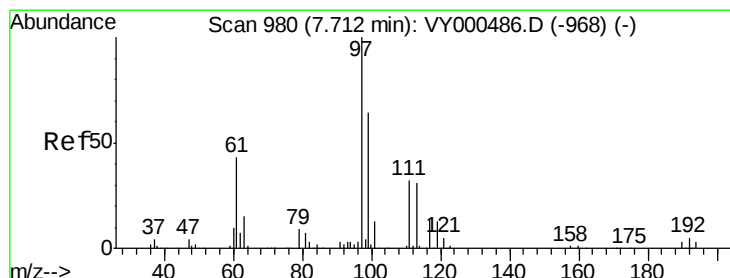
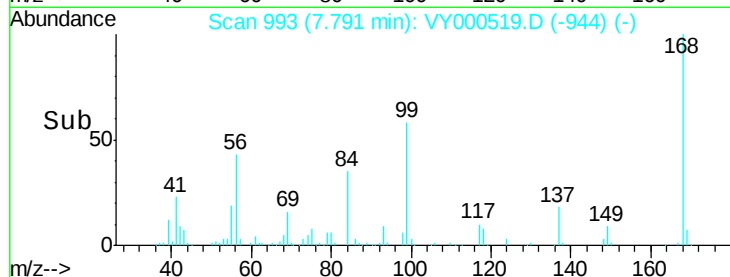
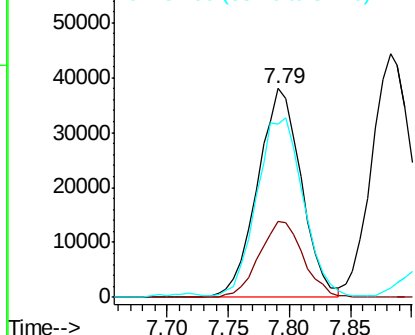
#31
Cyclohexane
Concen: 19.924 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 94747
Ion Ratio Lower Upper
56 100
69 36.4 25.0 37.6
84 81.0 71.4 107.2

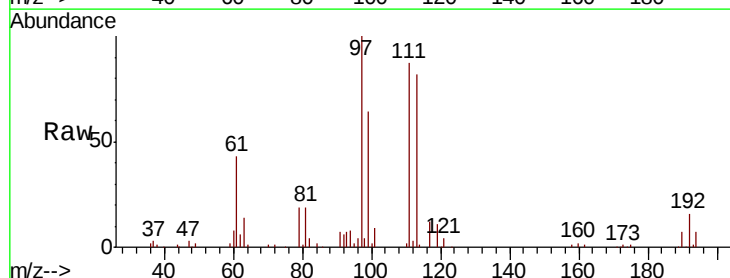


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

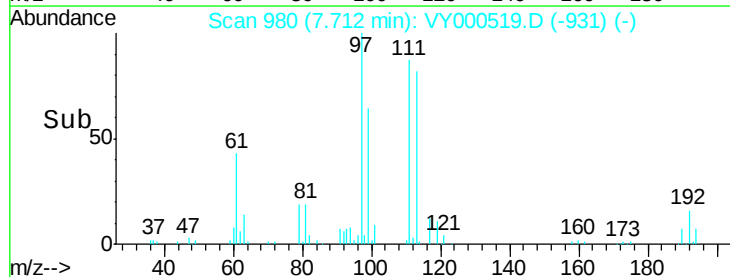
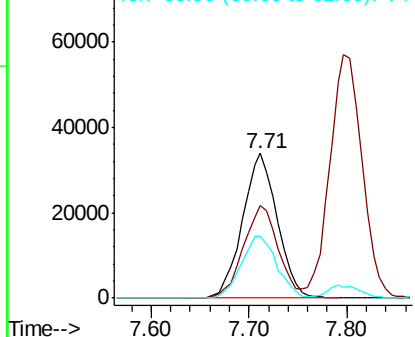


#32
1,1,1-Trichloroethane
Concen: 20.366 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion: 97 Resp: 83367
Ion Ratio Lower Upper
97 100
99 64.2 50.9 76.3
61 44.0 34.9 52.3



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

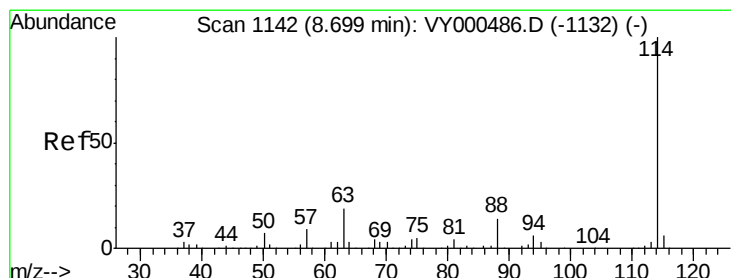
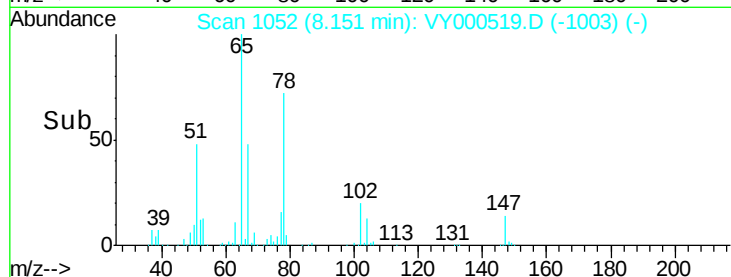
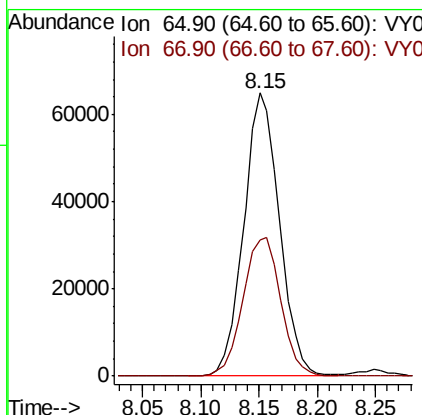
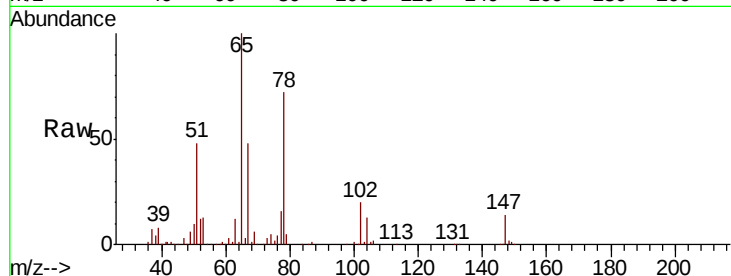




#33
 1,2-Dichloroethane-d4
 Concen: 56.254 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

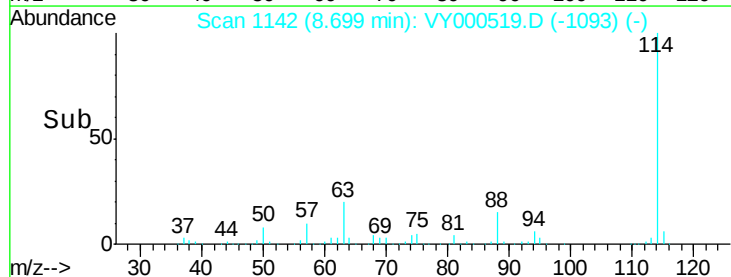
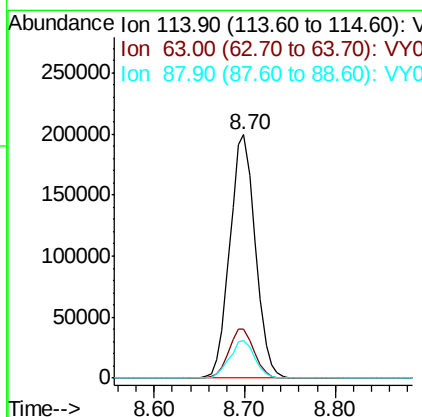
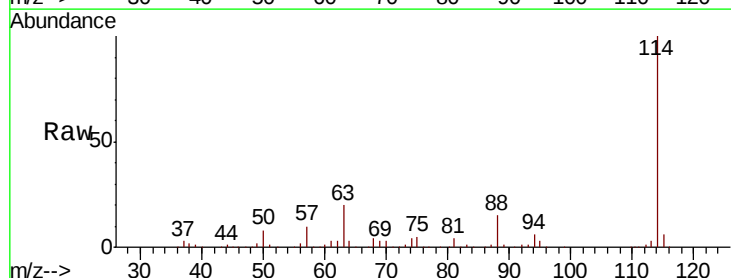
Instrument :
 MSVOA_Y
 ClientSampleId :

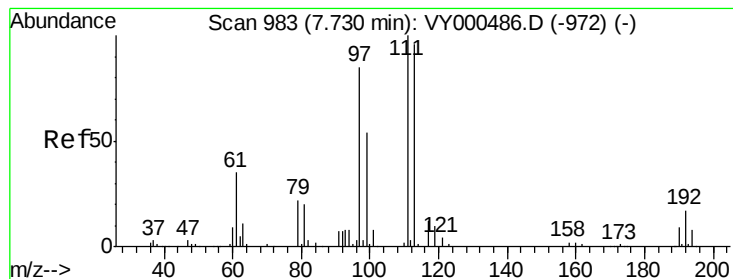
Tot Ion: 65 Resp: 138203
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

Tgt Ion: 114 Resp: 388660
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.0
 88 15.2 0.0 28.6





#35

Dibromofluoromethane

Concen: 52.446 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Instrument :

MSVOA_Y

ClientSampleId :

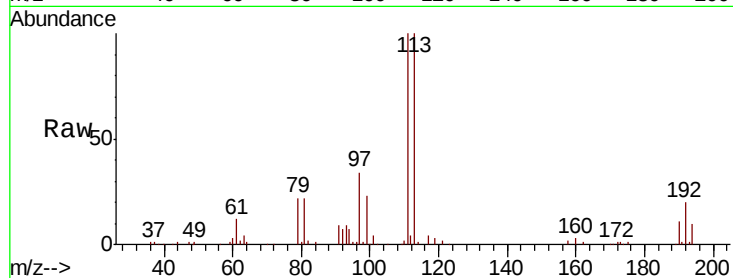
Tot Ion:113 Resp: 119666

Ion Ratio Lower Upper

113 100

111 102.2 81.7 122.5

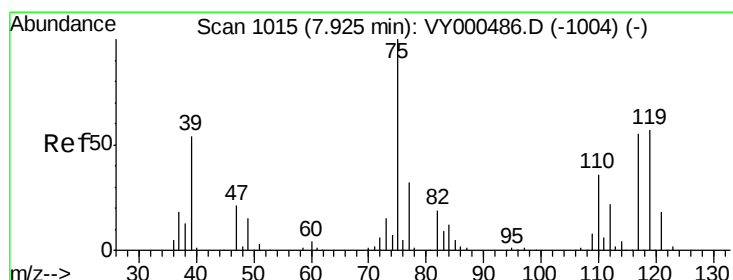
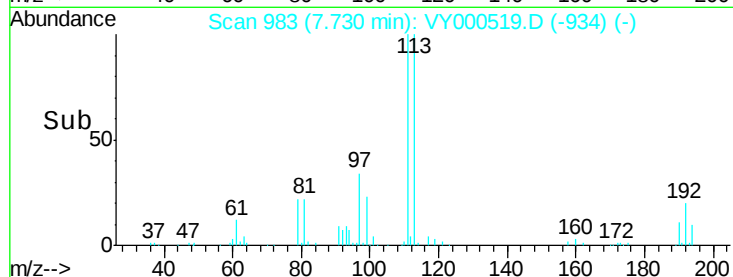
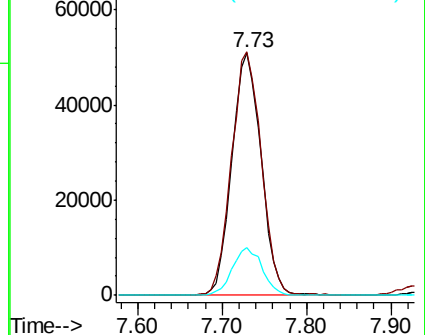
192 20.1 15.0 22.4



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: 20.744 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

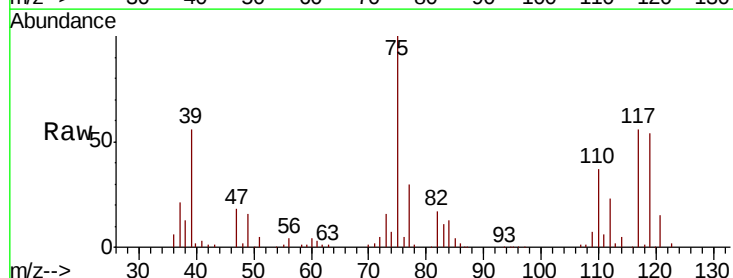
Tgt Ion: 75 Resp: 76218

Ion Ratio Lower Upper

75 100

110 35.1 18.1 54.1

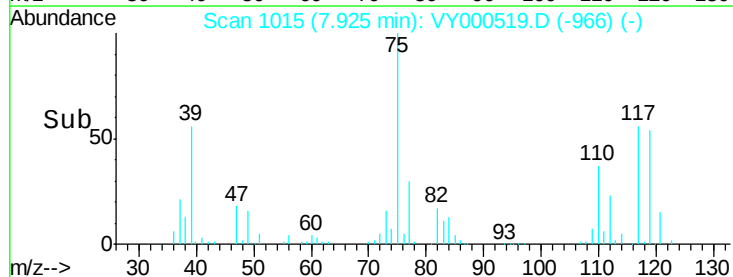
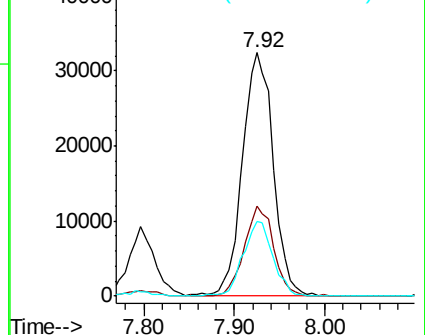
77 29.6 25.0 37.6

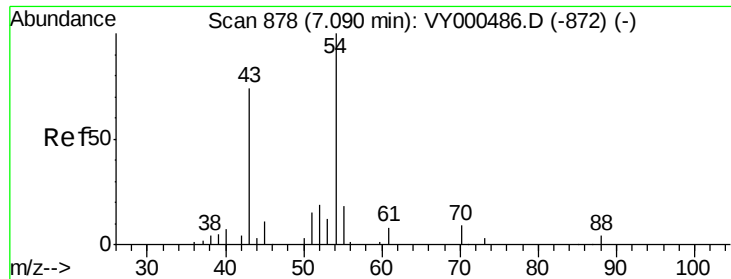


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

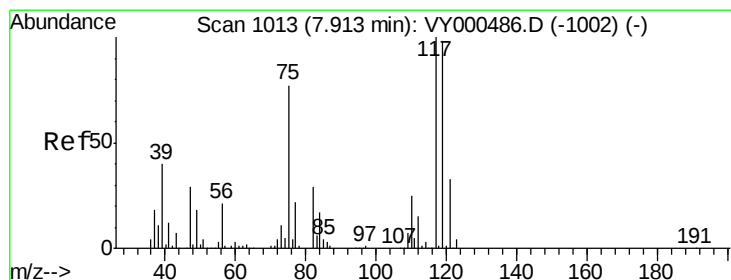
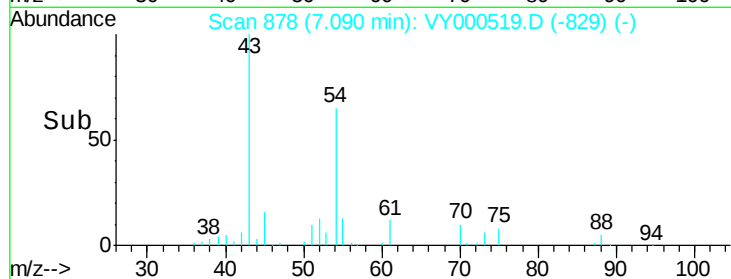
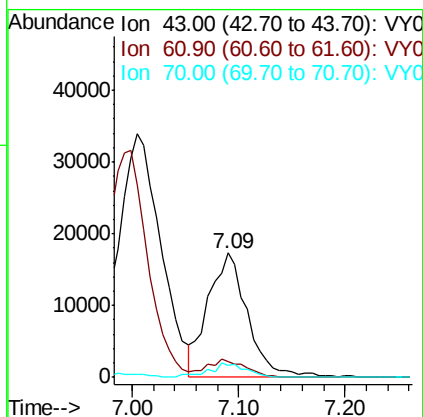
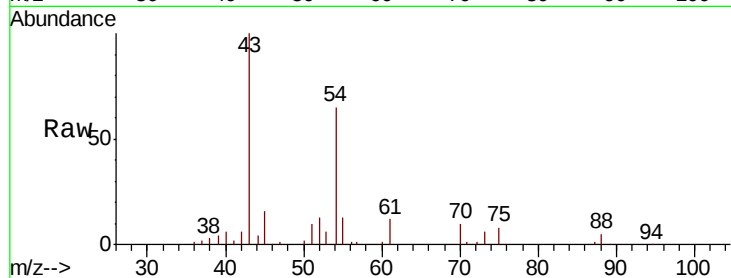




#37
Ethyl Acetate
Concen: 20.345 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

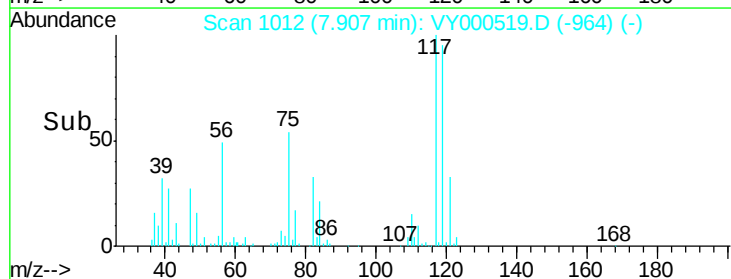
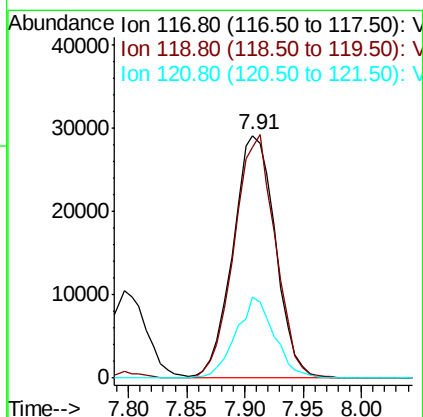
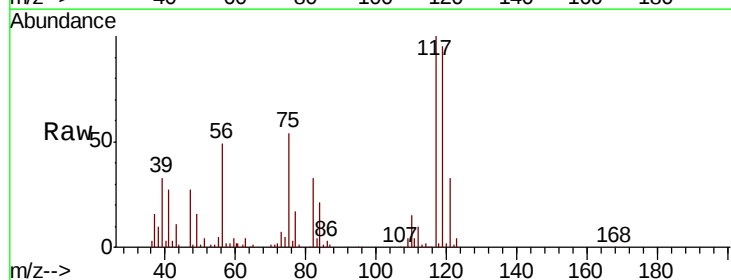
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 44381
Ion Ratio Lower Upper
43 100
61 14.4 10.2 15.2
70 10.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.930 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion: 117 Resp: 73996
Ion Ratio Lower Upper
117 100
119 94.9 78.0 117.0
121 33.1 26.6 40.0

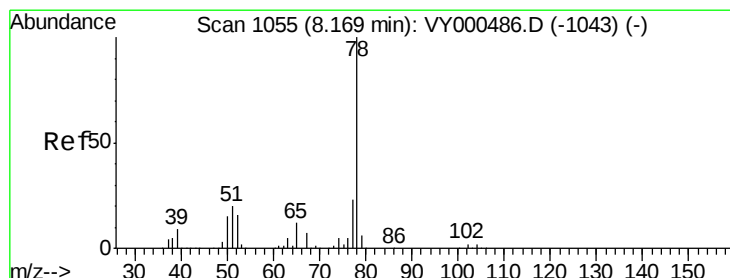
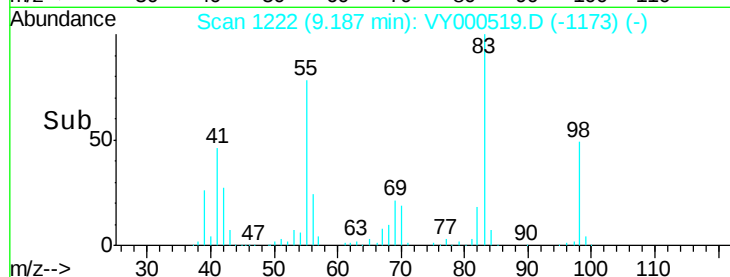
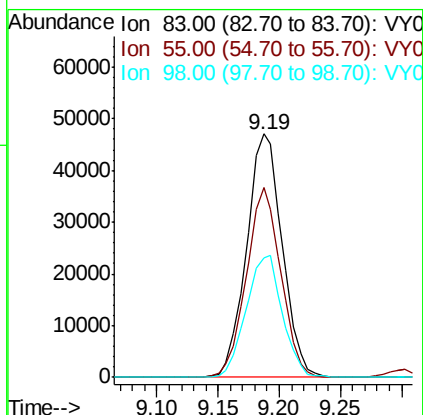
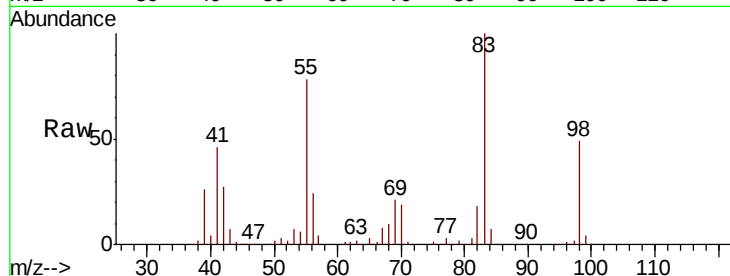




#39
Methvlcvclohexane
Concen: 20.106 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

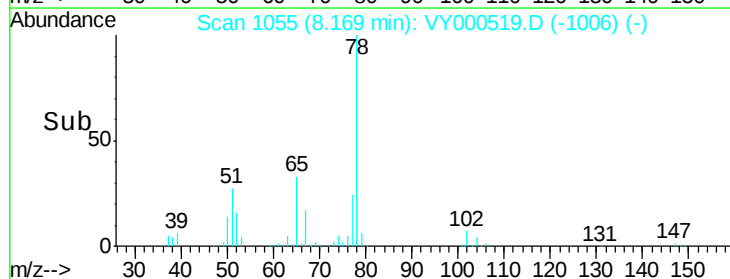
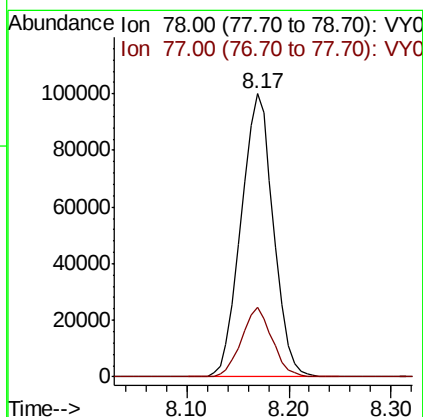
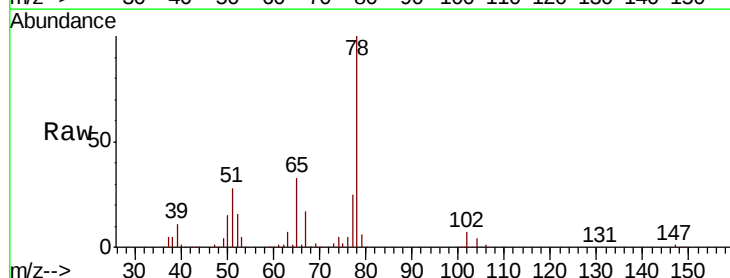
Instrument :
MSVOA_Y
ClientSampled :

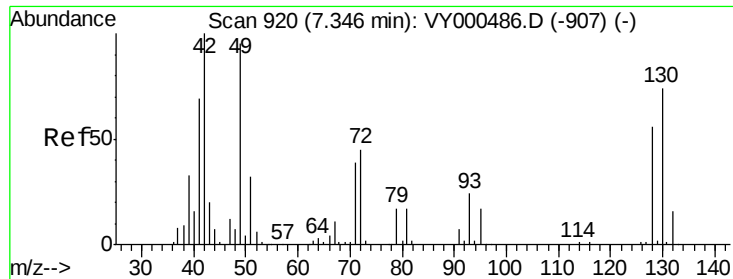
Tot Ion	83.00	Resp	95437
Ion Ratio	Lower	Upper	
83	100		
55	77.9	57.5	86.3
98	48.9	38.0	57.0



#40
Benzene
Concen: 20.394 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion	78.00	Resp	219683
Ion Ratio	Lower	Upper	
78	100		
77	24.6	18.6	28.0

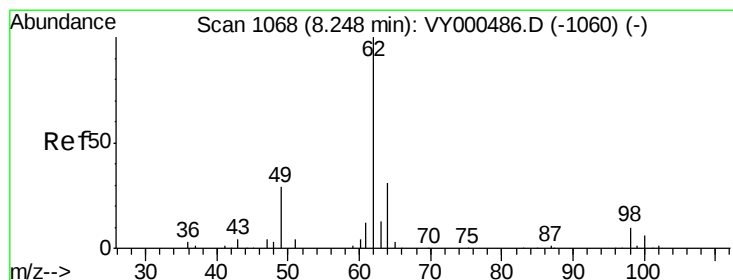
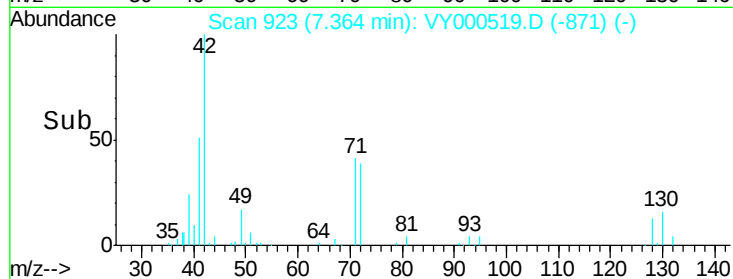
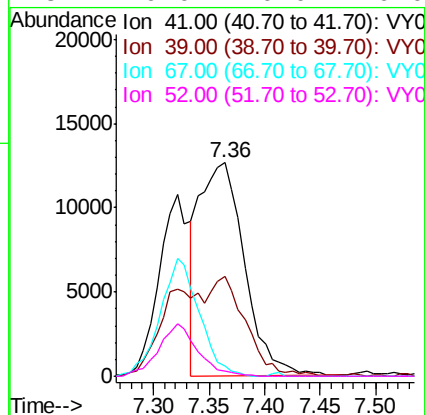
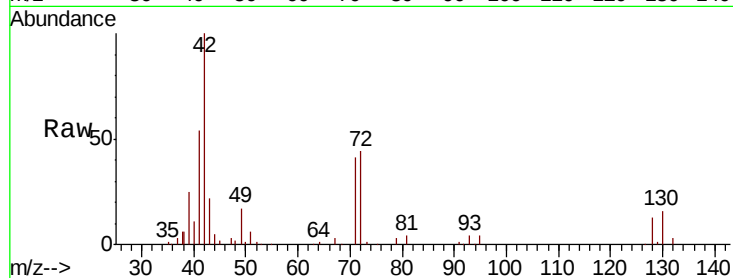




#41
Methacrylonitrile
Concen: 29.103 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.02 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

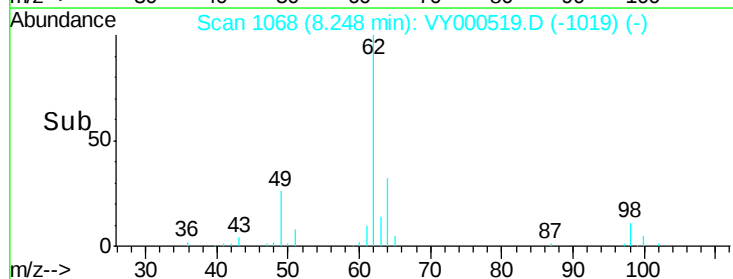
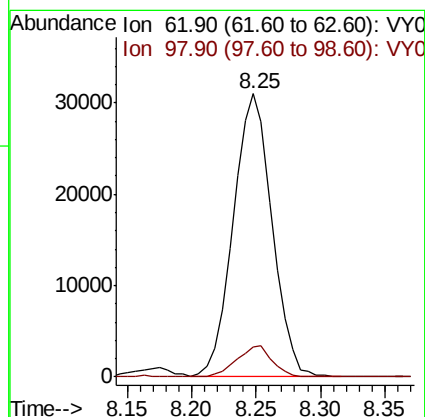
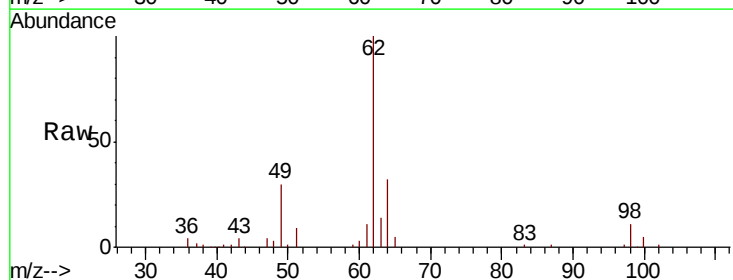
Instrument :
MSVOA_Y
ClientSampleId :

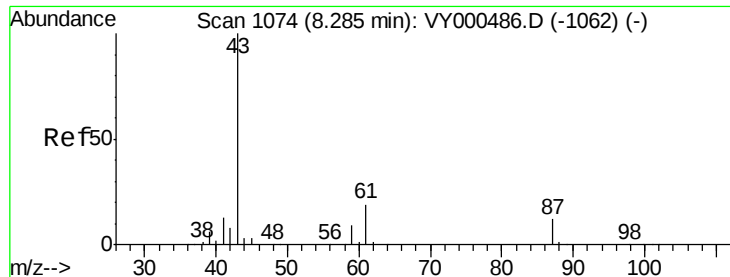
Tot Ion: 41 Resp: 35416
Ion Ratio Lower Upper
41 100
39 0.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.195 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion: 62 Resp: 64754
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.2



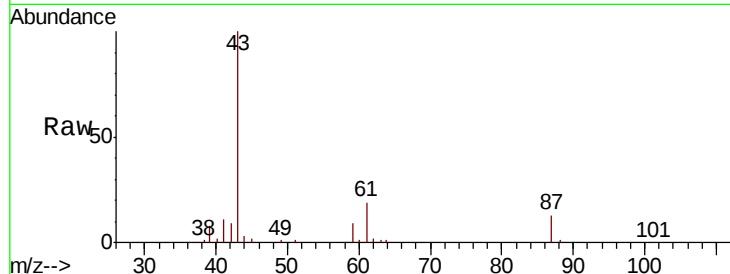


#43

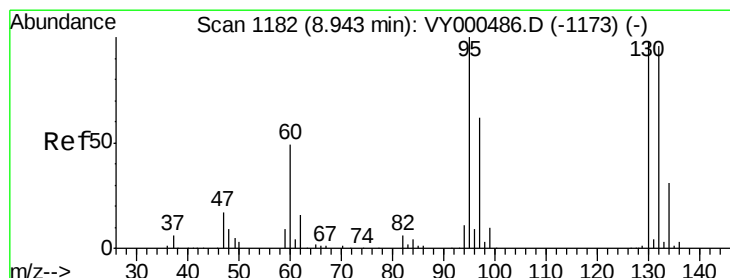
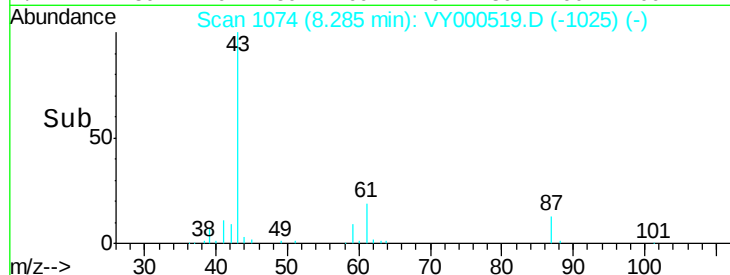
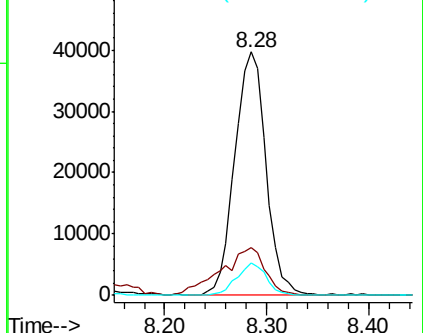
Isopropyl Acetate
 Concen: 20.593 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 43 Resp: 84386
 Ion Ratio Lower Upper
 43 100
 61 27.6 23.0 34.4
 87 12.8 10.5 15.7



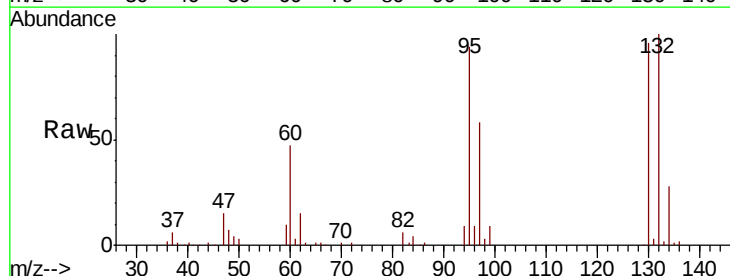
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



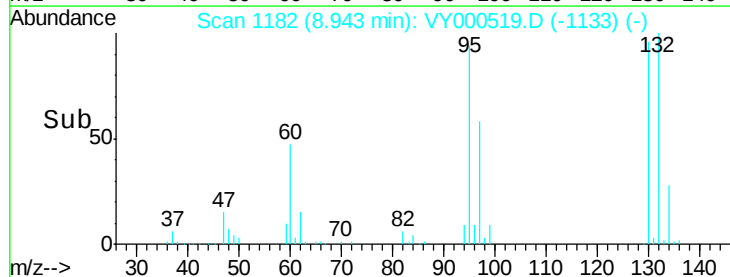
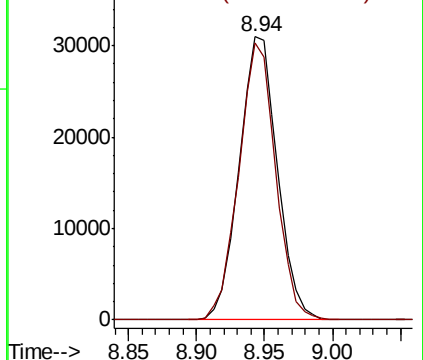
#44

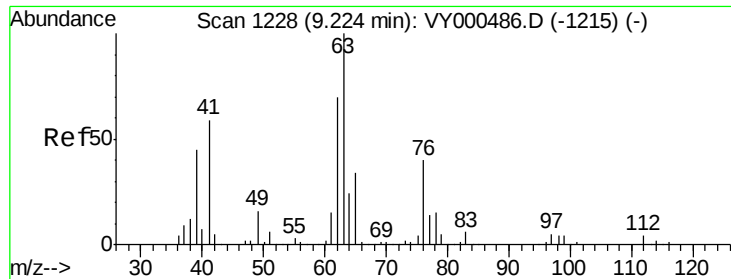
Trichloroethene
 Concen: 21.360 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

Tgt Ion:130 Resp: 60665
 Ion Ratio Lower Upper
 130 100
 95 97.8 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0

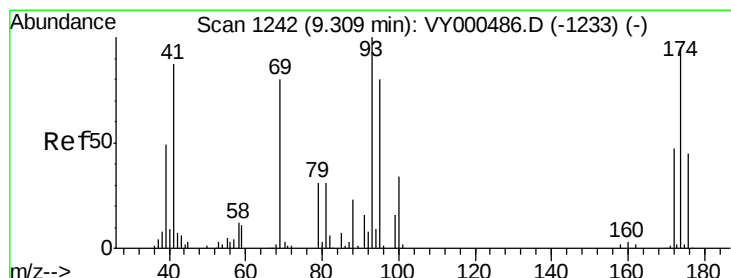
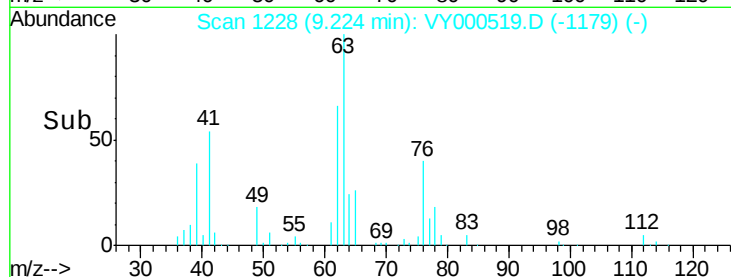
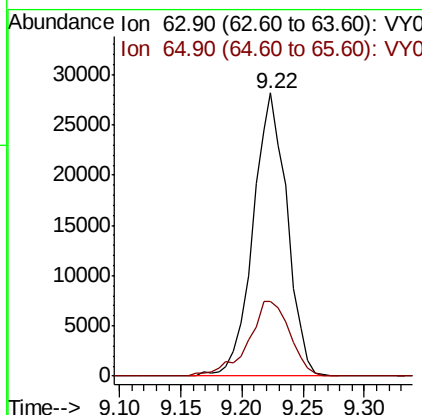
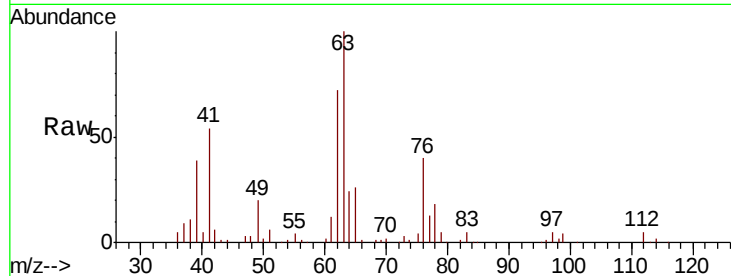




#45
 1,2-Dichloropropane
 Concen: 20.607 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

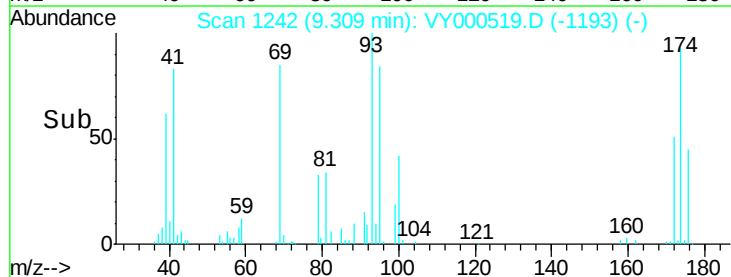
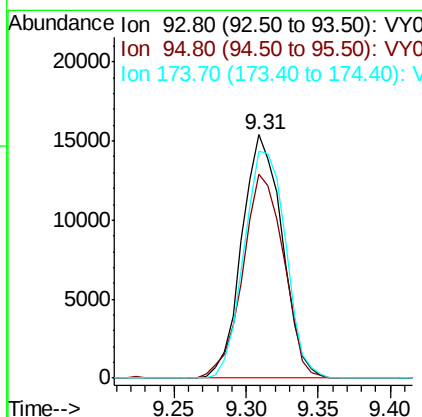
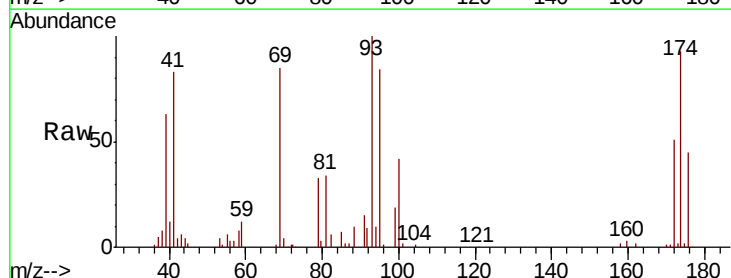
Instrument :
 MSVOA_Y
 ClientSampled :

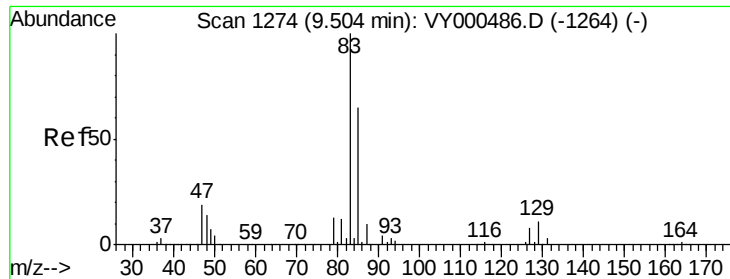
Tot Ion: 63 Resp: 54633
 Ion Ratio Lower Upper
 63 100
 65 26.4 27.0 40.4#



#46
 Dibromomethane
 Concen: 20.410 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

Tgt Ion: 93 Resp: 29759
 Ion Ratio Lower Upper
 93 100
 95 85.3 66.4 99.6
 174 96.5 77.1 115.7





#47

Bromodichloromethane

Concen: 20.524 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Instrument :

MSVOA_Y

ClientSampled :

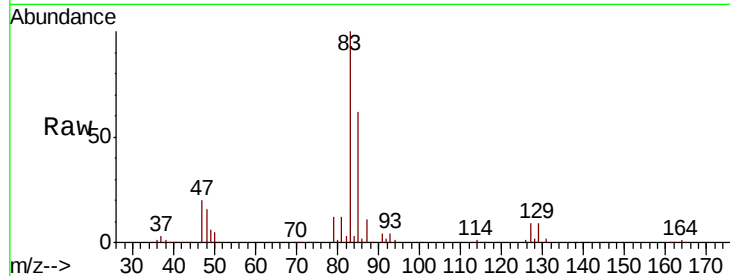
Tot Ion: 83 Resp: 71005

Ion Ratio Lower Upper

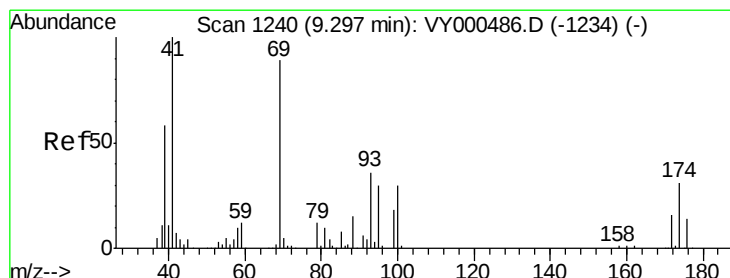
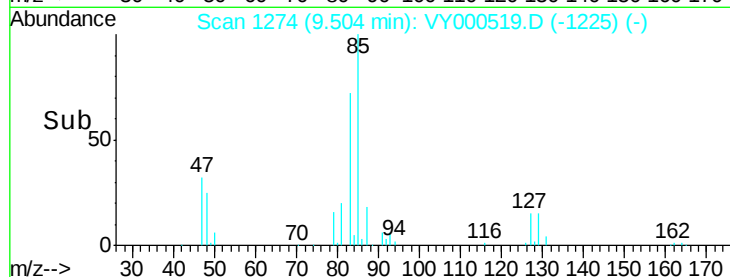
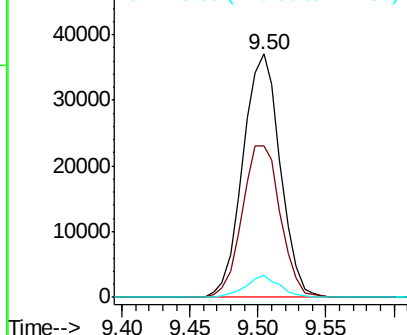
83 100

85 62.2 51.8 77.8

127 9.2 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: 21.205 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

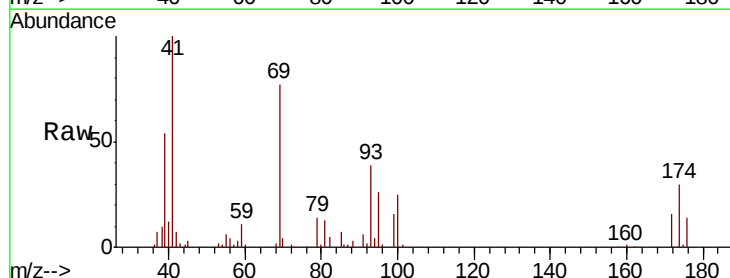
Tgt Ion: 41 Resp: 37966

Ion Ratio Lower Upper

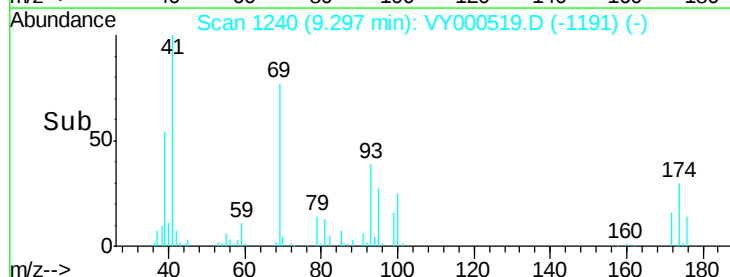
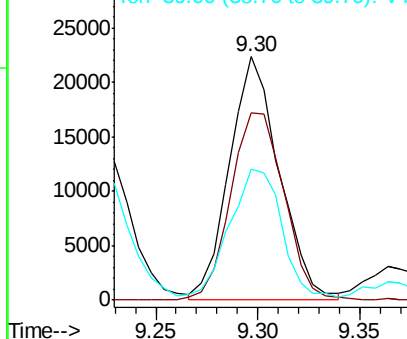
41 100

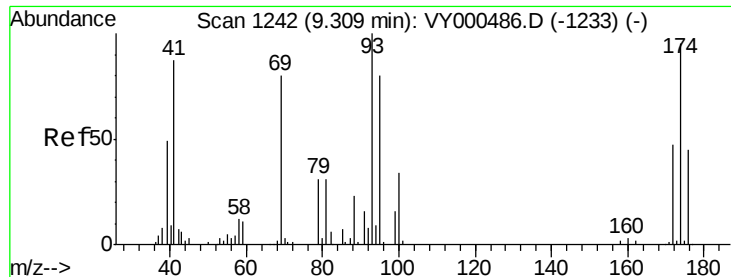
69 82.6 72.5 108.7

39 57.4 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

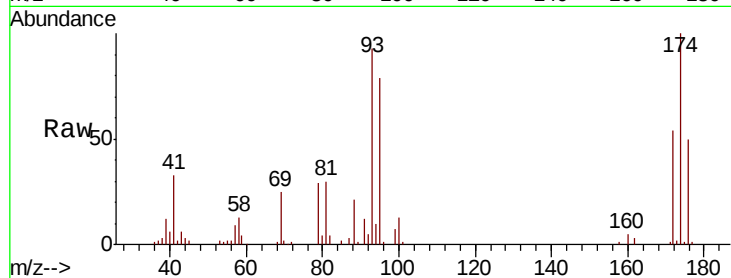




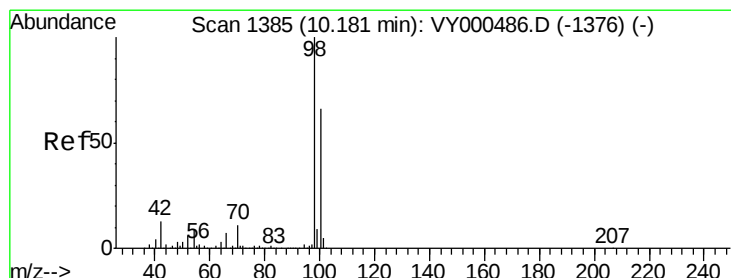
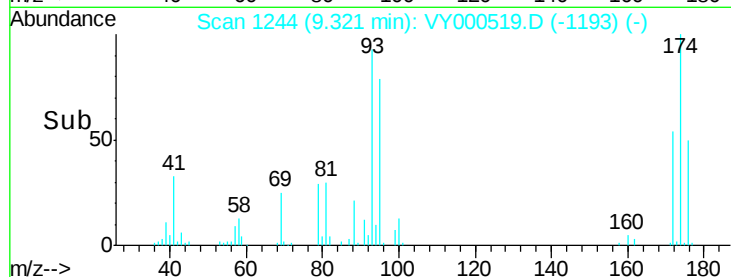
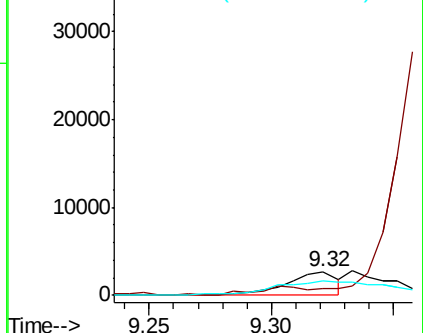
#49
1,4-Dioxane
Concen: 195.943 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 3845
Ion Ratio Lower Upper
88 100
43 0.0 25.1 37.7#
58 156.7 50.6 75.8#

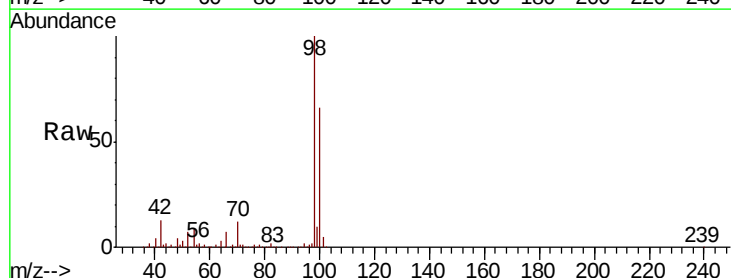


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

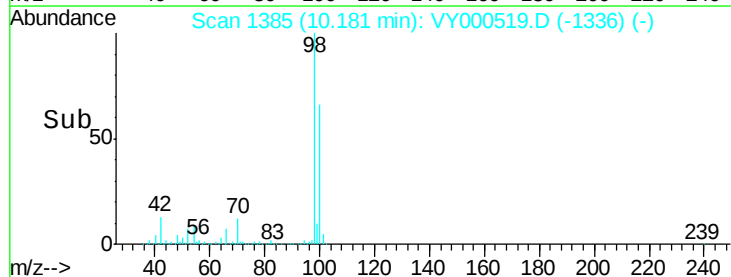
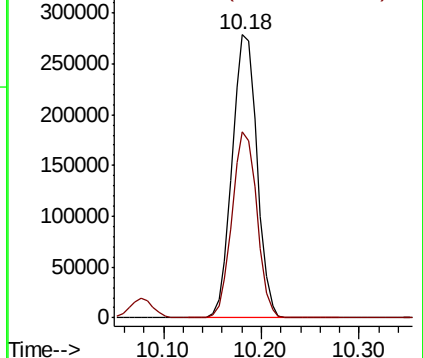


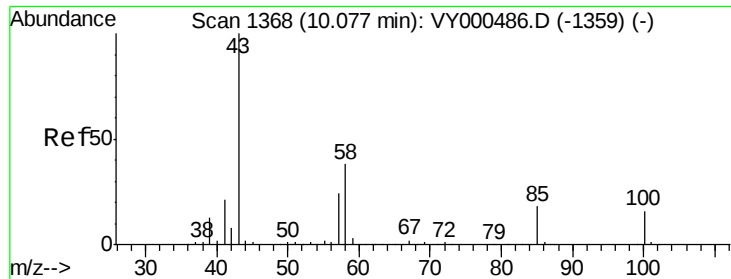
#50
Toluene-d8
Concen: 56.858 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion: 98 Resp: 492268
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3



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

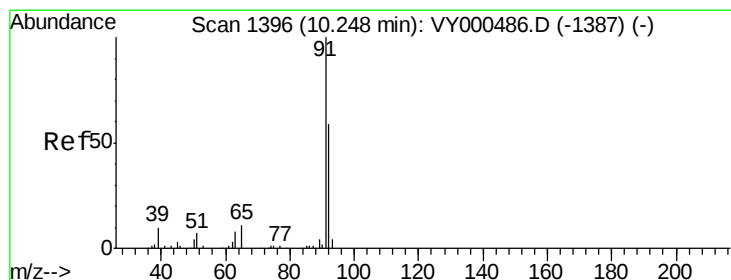
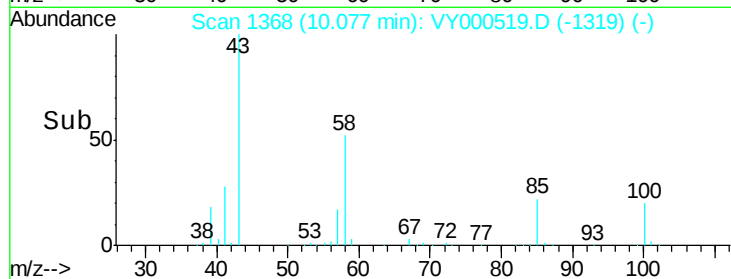
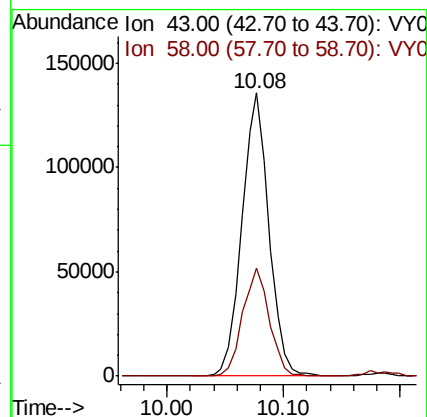
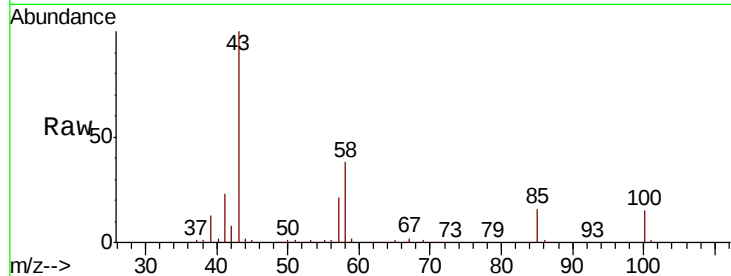




#51
4-Methyl-2-Pentanone
Concen: 100.443 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

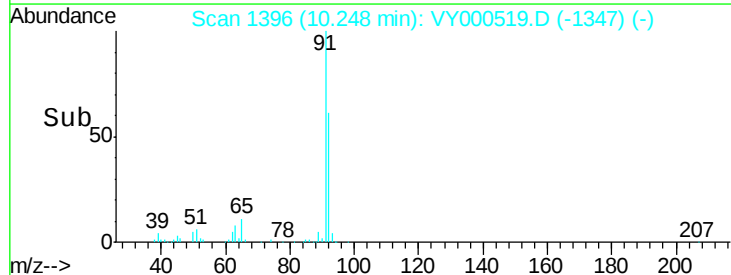
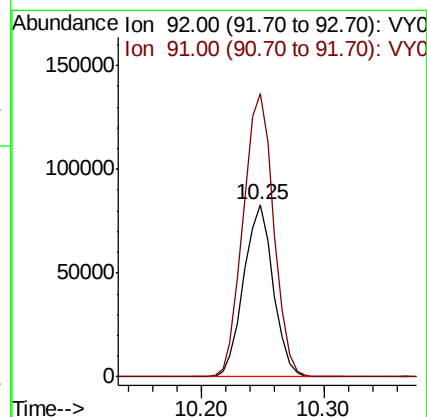
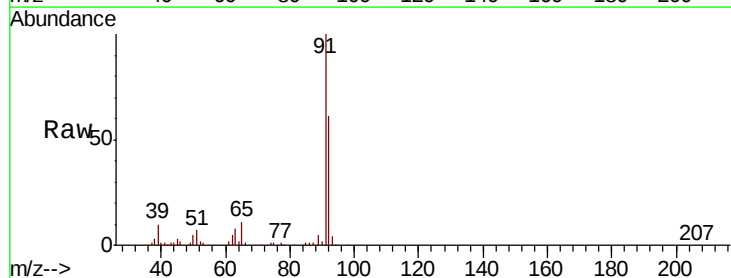
Instrument :
MSVOA_Y
ClientSampled :

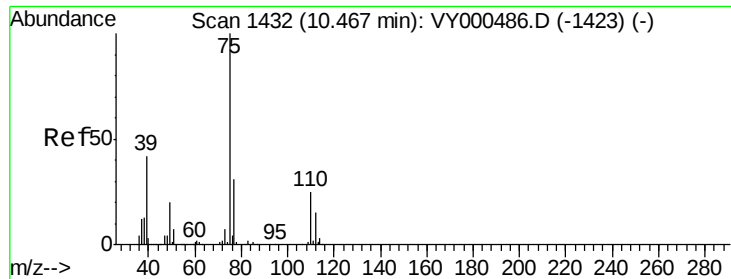
Tot Ion: 43 Resp: 218832
Ion Ratio Lower Upper
43 100
58 37.8 30.2 45.4



#52
Toluene
Concen: 20.344 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion: 92 Resp: 138551
Ion Ratio Lower Upper
92 100
91 170.1 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 20.222 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Instrument :

MSVOA_Y

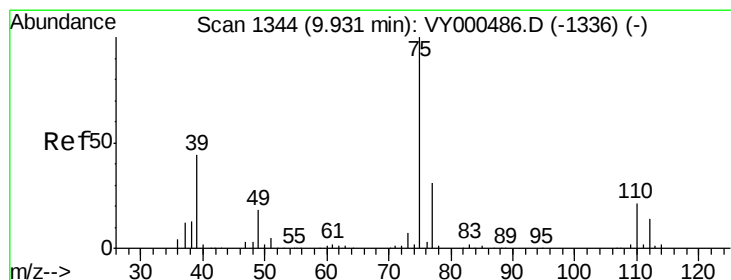
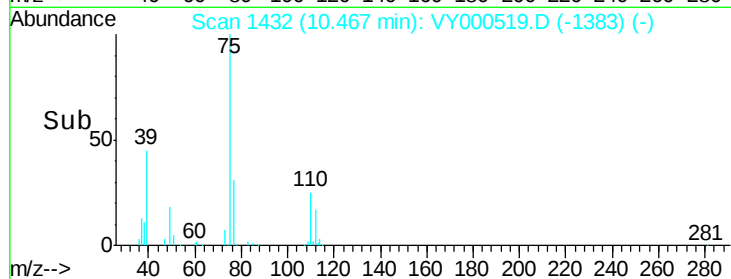
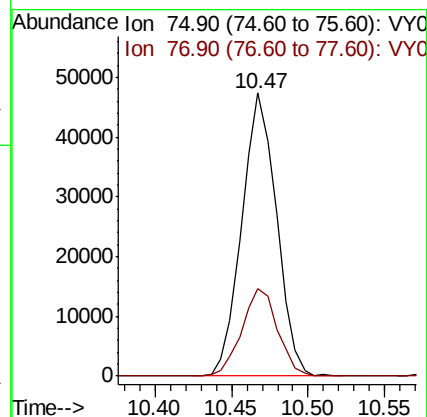
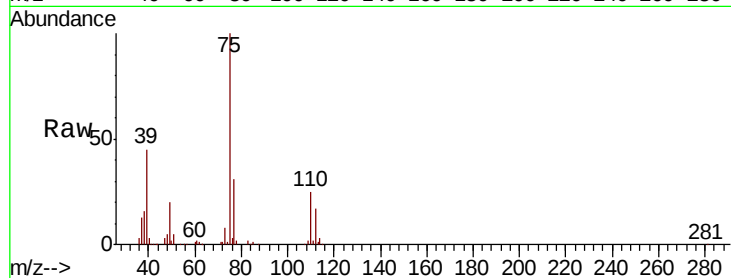
ClientSampleId :

Tot Ion: 75 Resp: 74752

Ion Ratio Lower Upper

75 100

77 30.9 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 20.281 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

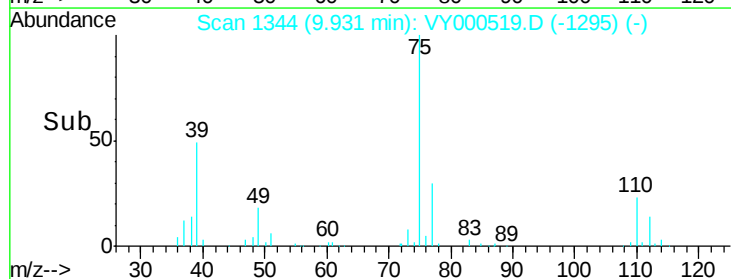
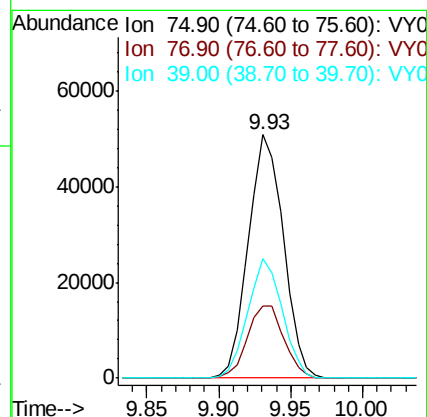
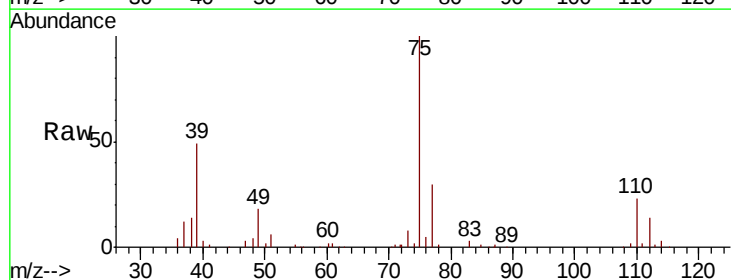
Tgt Ion: 75 Resp: 85886

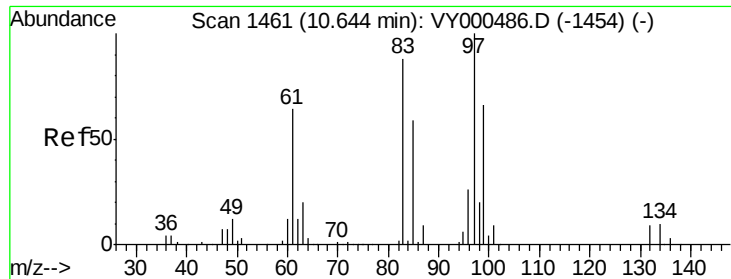
Ion Ratio Lower Upper

75 100

77 29.6 24.5 36.7

39 48.9 35.4 53.2

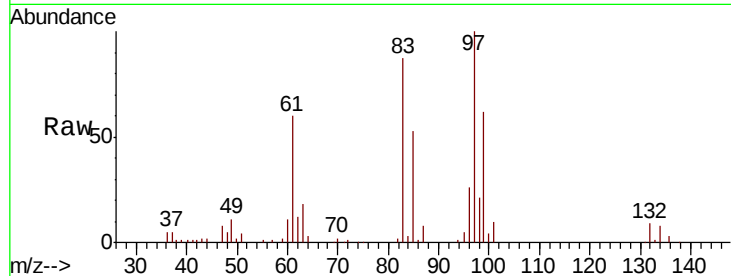




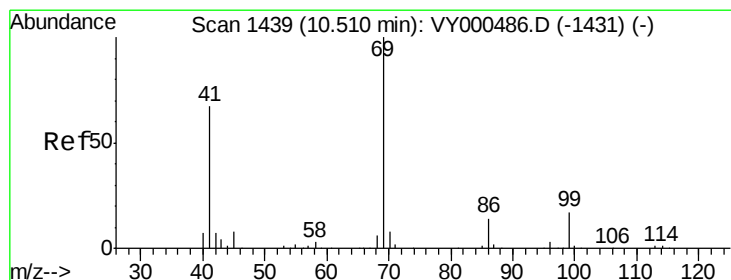
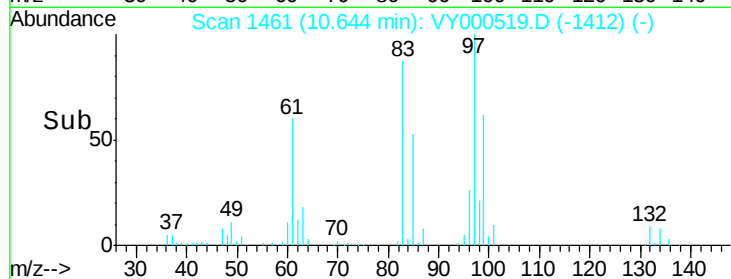
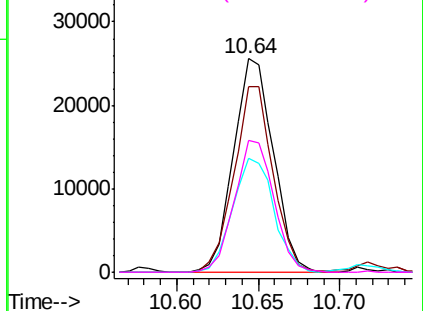
#55
 1,1,2-Trichloroethane
 Concen: 20.563 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 43366
 Ion Ratio Lower Upper
 97 100
 83 87.0 70.2 105.4
 85 53.1 46.9 70.3
 99 62.0 52.6 78.8

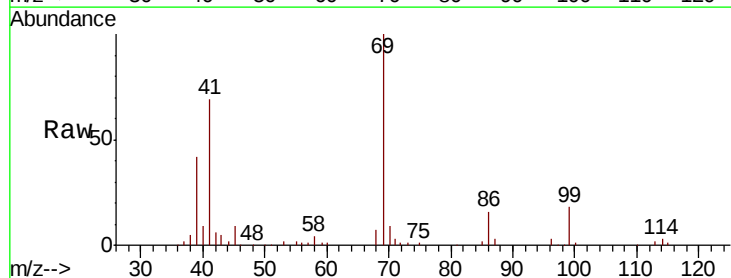


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

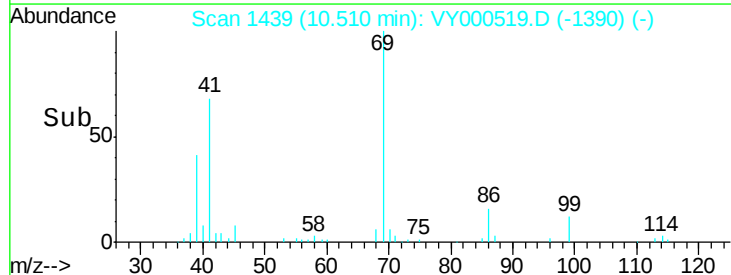
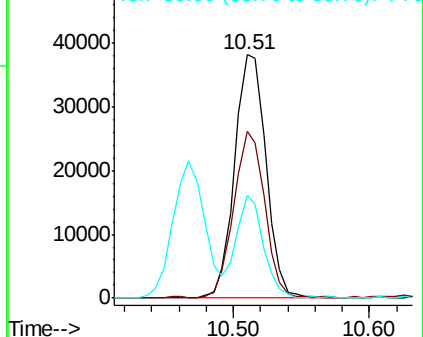


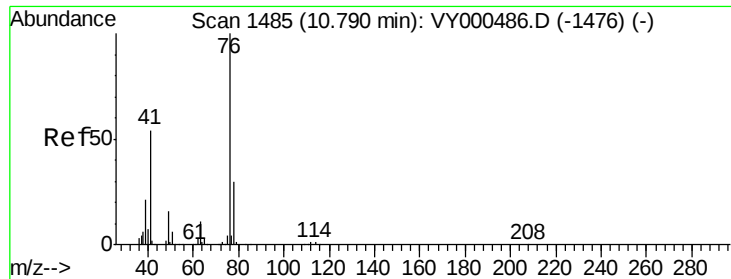
#56
 Ethyl methacrylate
 Concen: 20.540 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

Tgt Ion: 69 Resp: 61393
 Ion Ratio Lower Upper
 69 100
 41 67.2 53.3 79.9
 39 36.1 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: 20.267 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Instrument :

MSVOA_Y

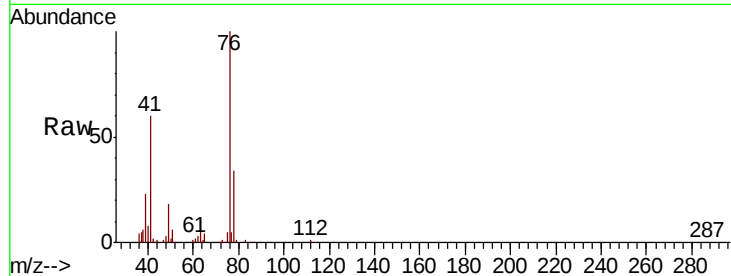
ClientSampled :

Tot Ion: 76 Resp: 74804

Ion Ratio Lower Upper

76 100

78 31.8 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

50000

40000

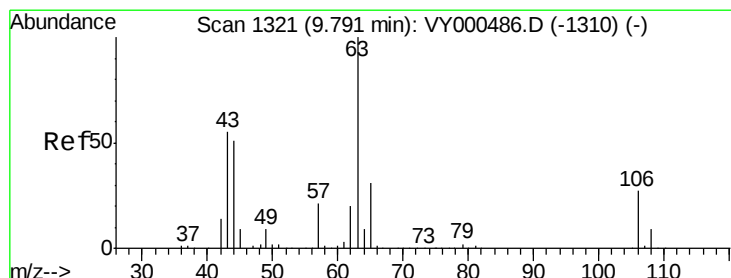
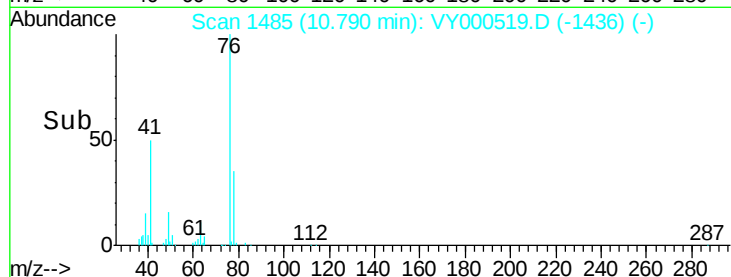
30000

20000

10000

0

Time--> 10.70 10.75 10.80 10.85



#58

2-Chloroethyl Vinyl ether

Concen: 101.378 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000519.D

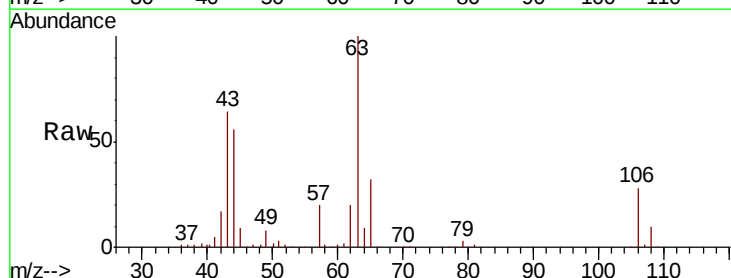
Acq: 01 Nov 2019 12:04

Tgt Ion: 63 Resp: 136991

Ion Ratio Lower Upper

63 100

106 28.0 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.79

80000

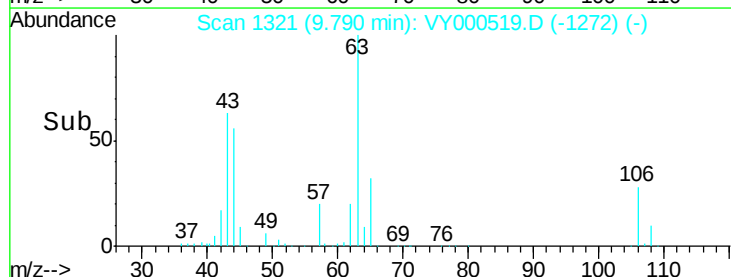
60000

40000

20000

0

Time--> 9.70 9.75 9.80 9.85

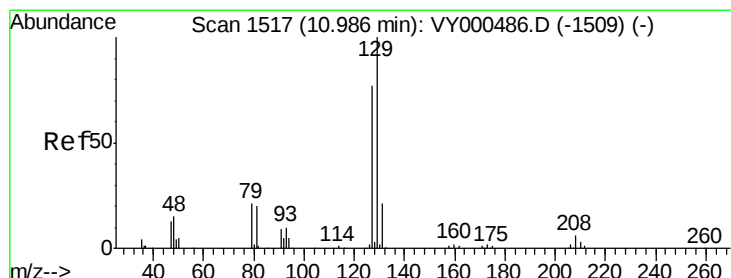
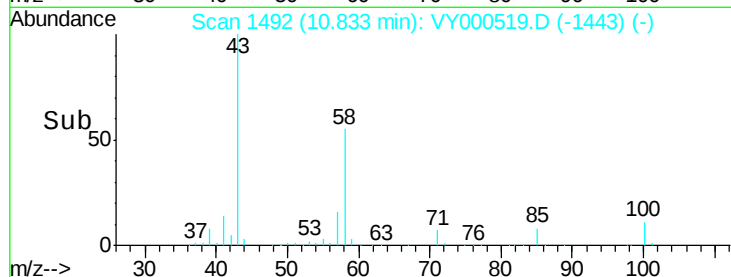
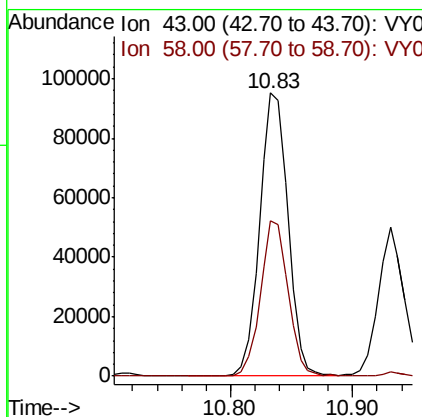
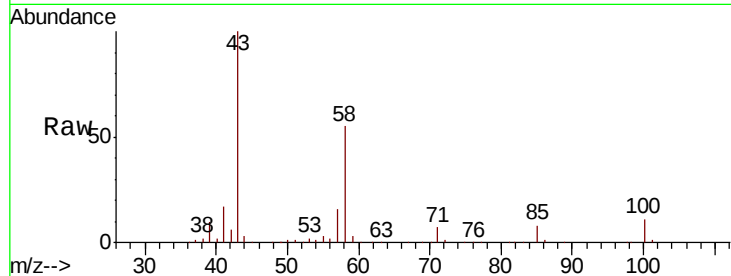




#59
2-Hexanone
Concen: 96.858 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

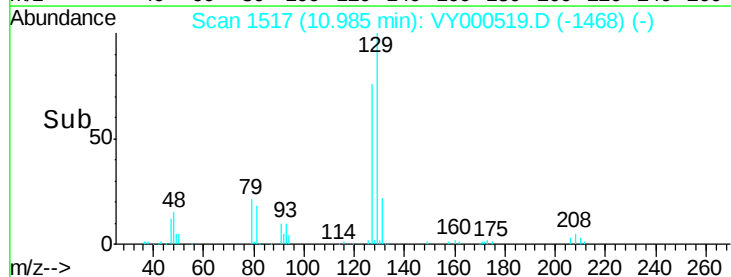
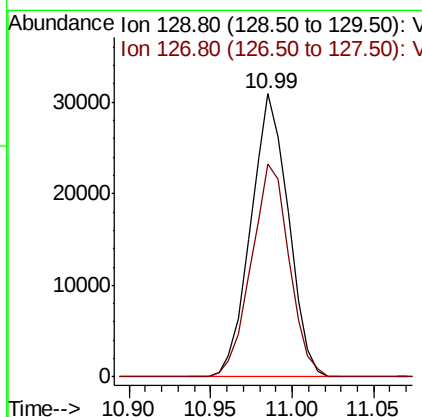
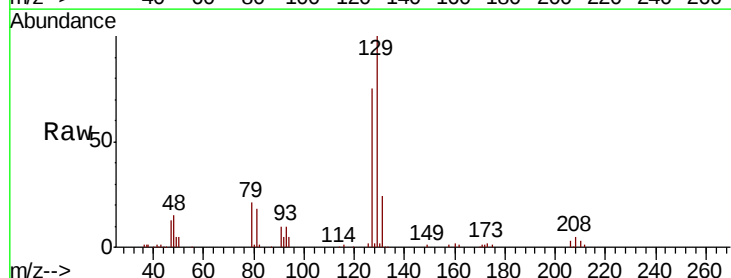
Instrument :
MSVOA_Y
ClientSampled :

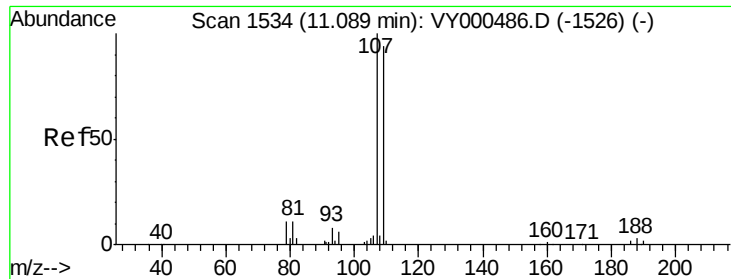
Tot Ion: 43 Resp: 153749
Ion Ratio Lower Upper
43 100
58 53.8 27.1 81.3



#60
Dibromochloromethane
Concen: 20.488 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion: 129 Resp: 49491
Ion Ratio Lower Upper
129 100
127 75.9 39.1 117.2

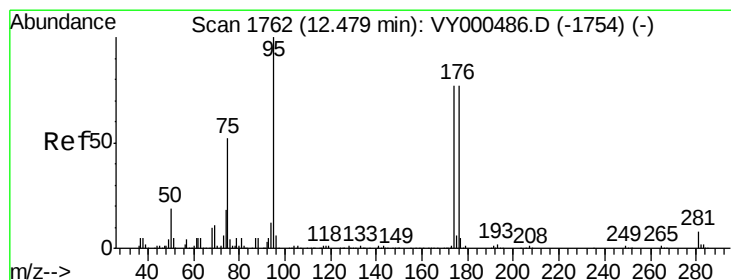
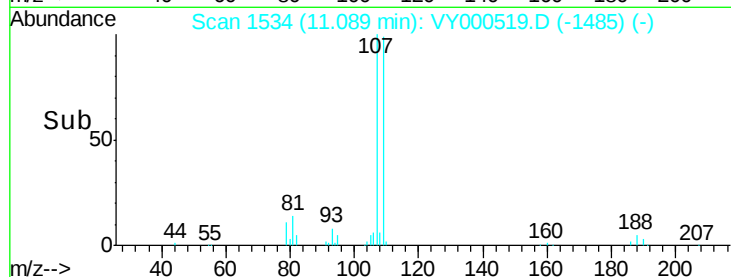
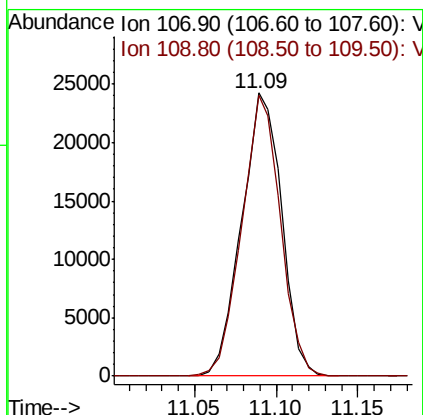
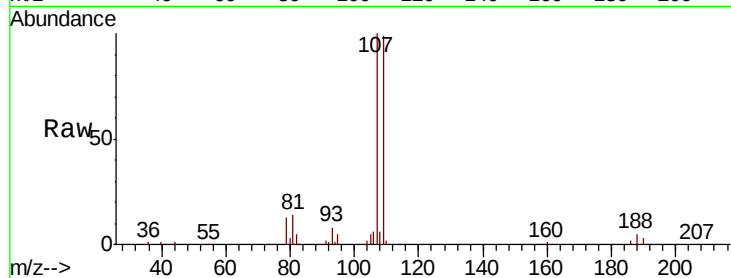




#61
 1,2-Dibromoethane
 Concen: 20.361 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

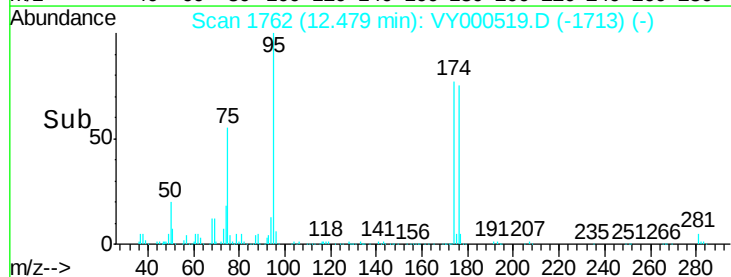
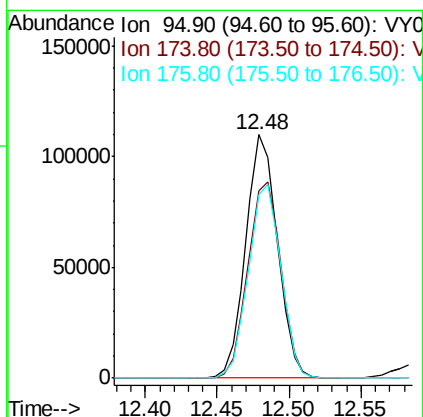
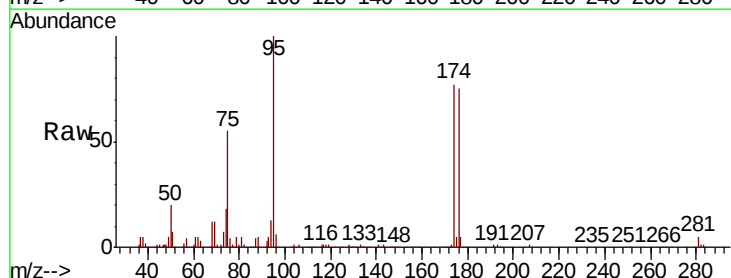
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:107 Resp: 41286
 Ion Ratio Lower Upper
 107 100
 109 95.9 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 50.534 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

Tgt Ion: 95 Resp: 166559
 Ion Ratio Lower Upper
 95 100
 174 84.2 0.0 161.6
 176 81.7 0.0 157.8

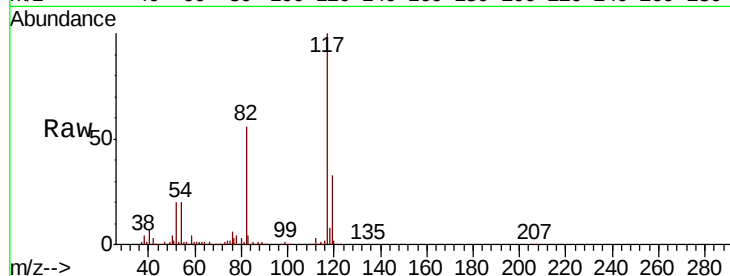




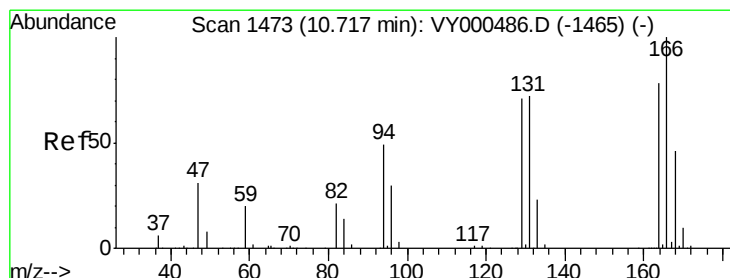
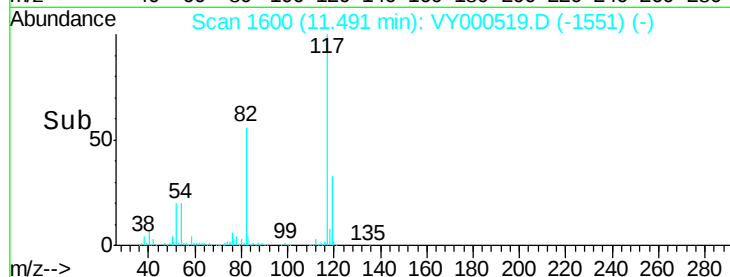
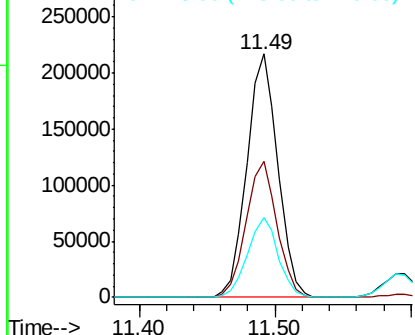
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 346119
Ion Ratio Lower Upper
117 100
82 55.7 40.8 61.2
119 32.6 26.2 39.2

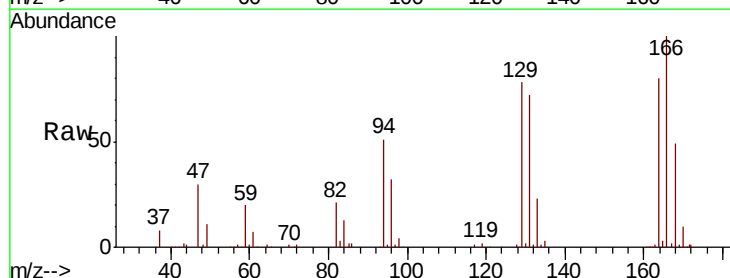


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

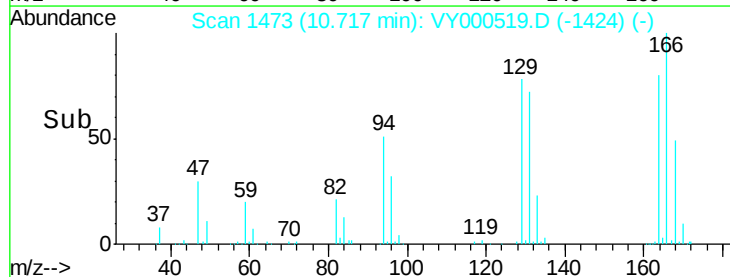
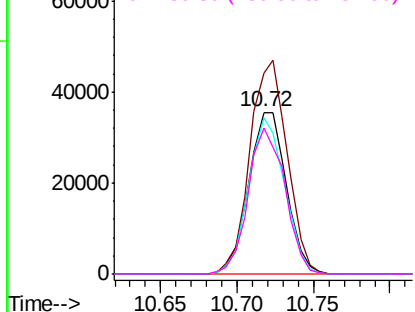


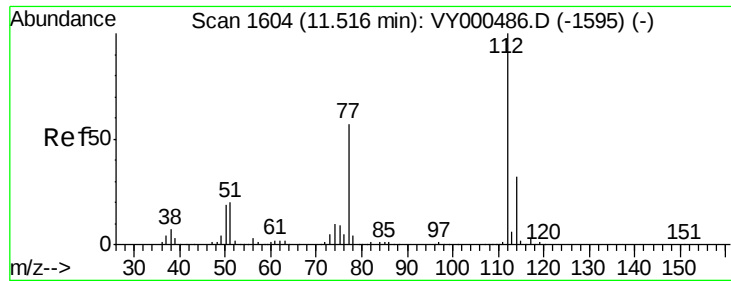
#64
Tetrachloroethene
Concen: 21.395 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion:164 Resp: 61231
Ion Ratio Lower Upper
164 100
166 124.3 102.7 154.1
129 96.8 73.2 109.8
131 90.1 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

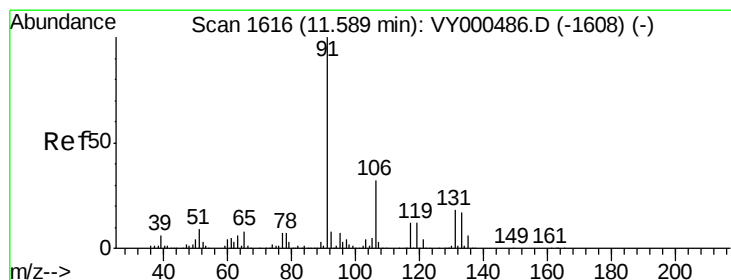
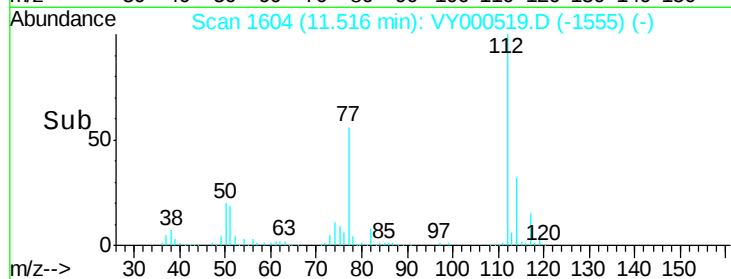
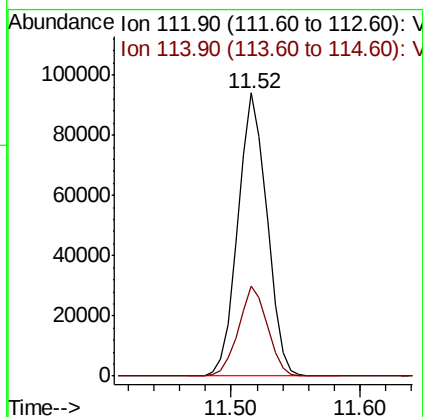
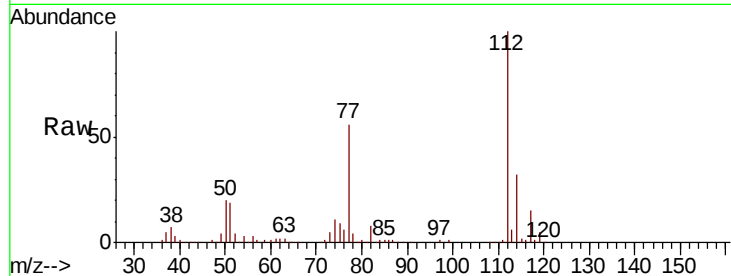




#65
Chlorobenzene
Concen: 20.936 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

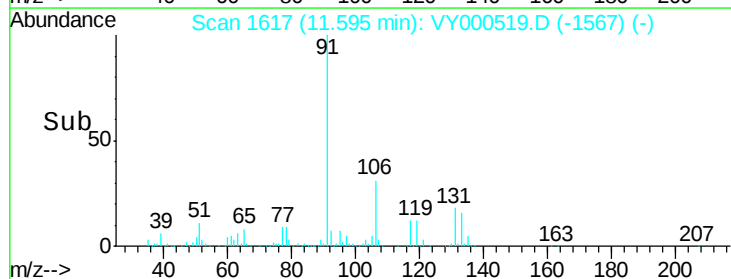
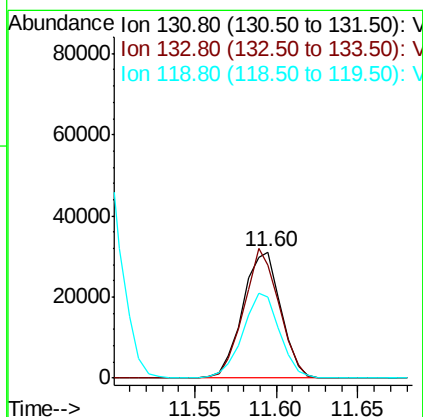
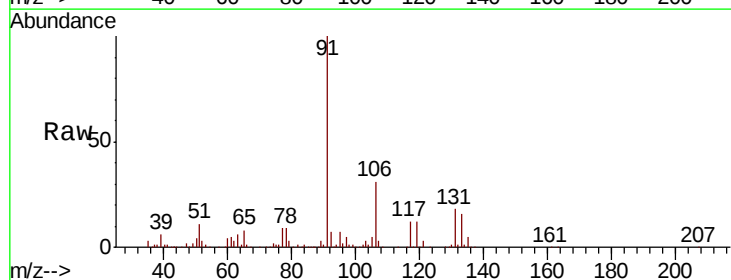
Instrument :
MSVOA_Y
ClientSampled :

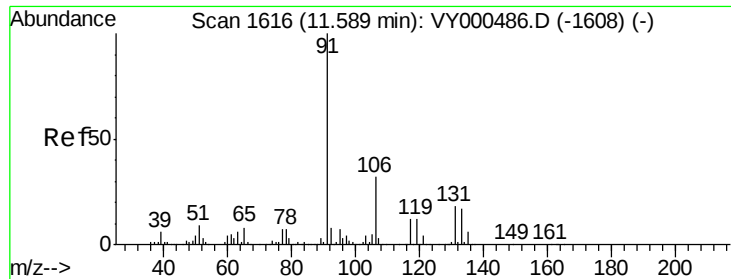
Tot Ion:112 Resp: 146920
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.762 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion:131 Resp: 50530
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.8
119 65.6 33.1 99.3

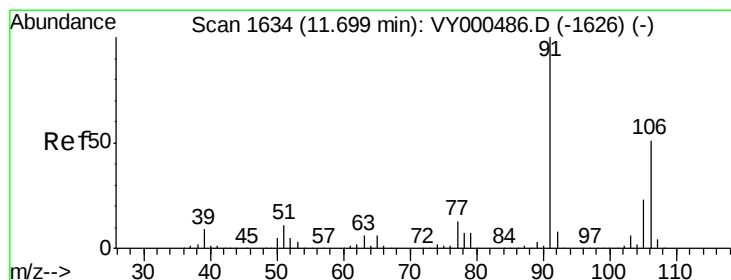
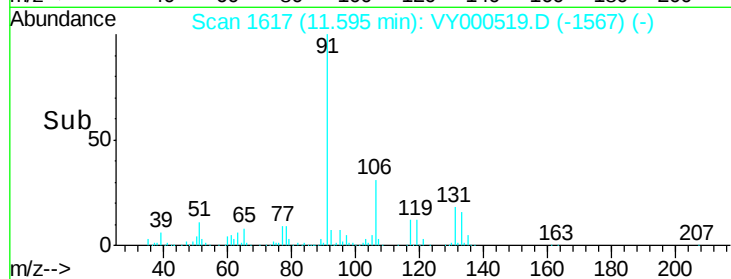
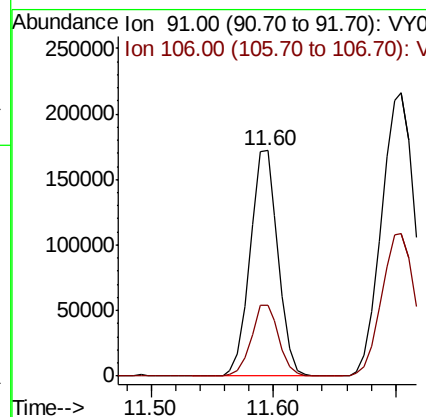
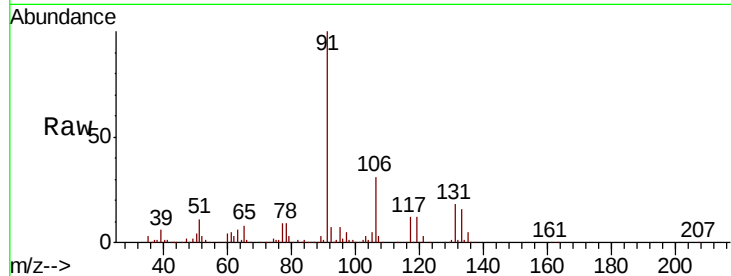




#67
Ethyl Benzene
Concen: 21.097 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

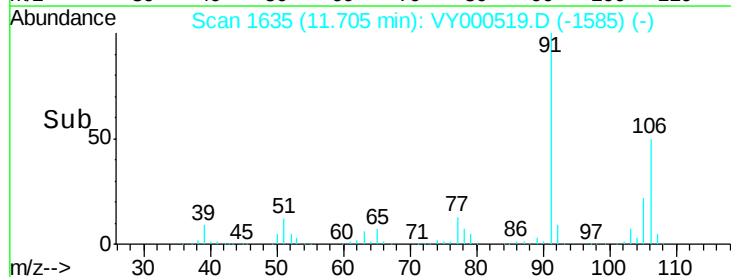
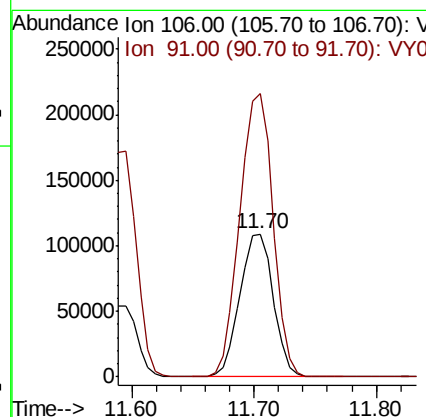
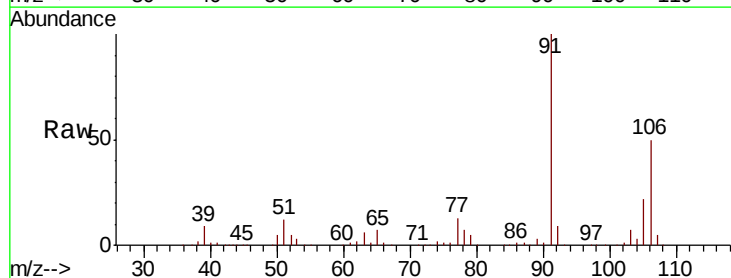
Instrument :
MSVOA_Y
ClientSampled :

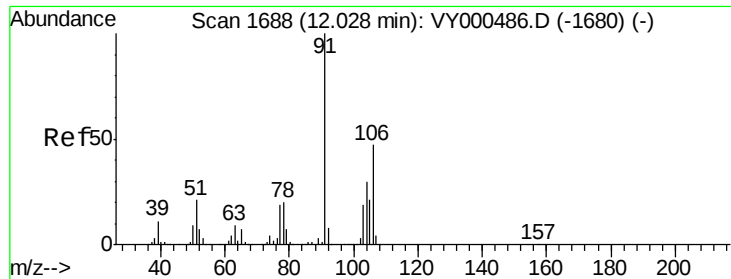
Tot Ion: 91 Resp: 272475
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0



#68
m/p-Xylenes
Concen: 41.271 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion: 106 Resp: 206301
Ion Ratio Lower Upper
106 100
91 197.9 155.9 233.9

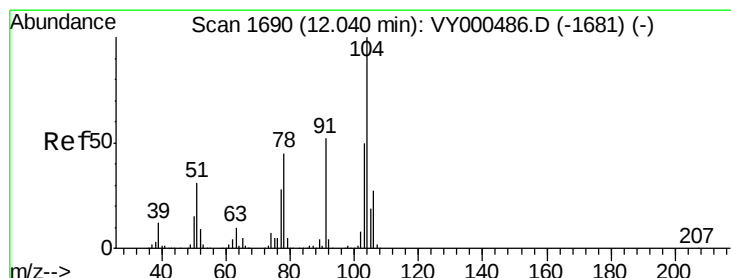
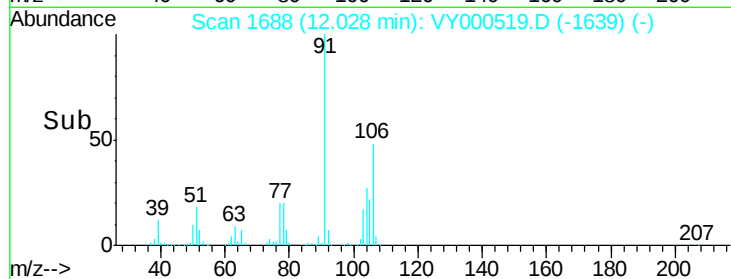
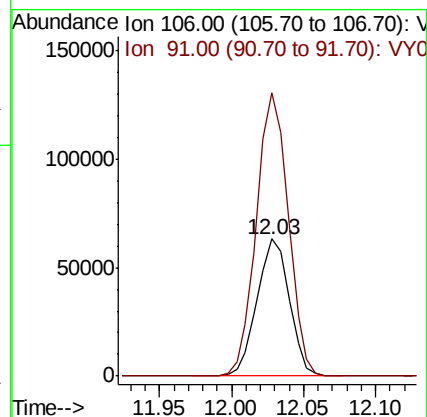
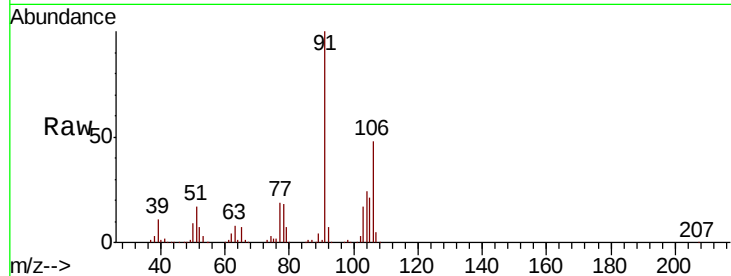




#69
o-Xylene
Concen: 20.819 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

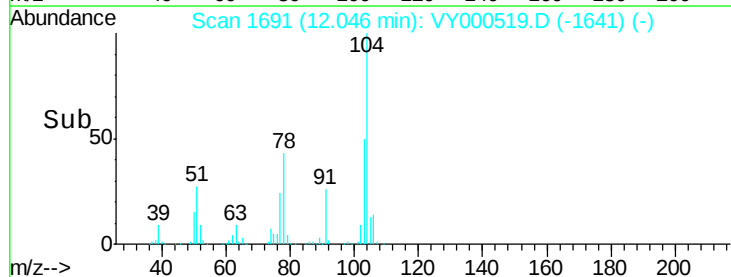
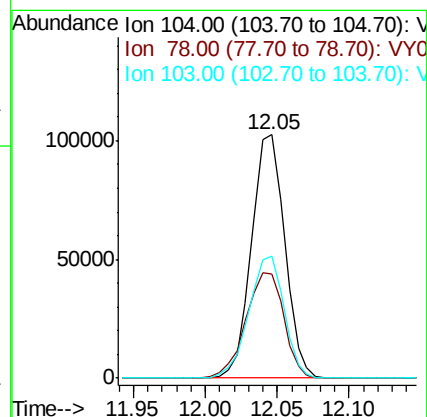
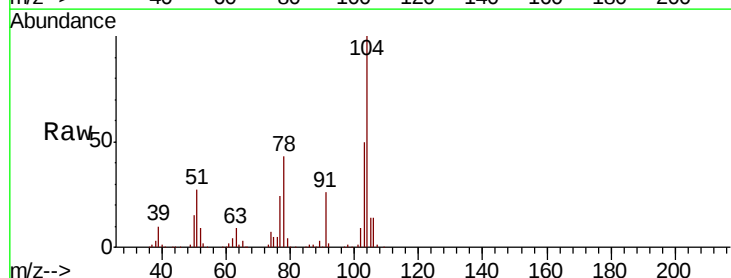
Instrument :
MSVOA_Y
ClientSampled :

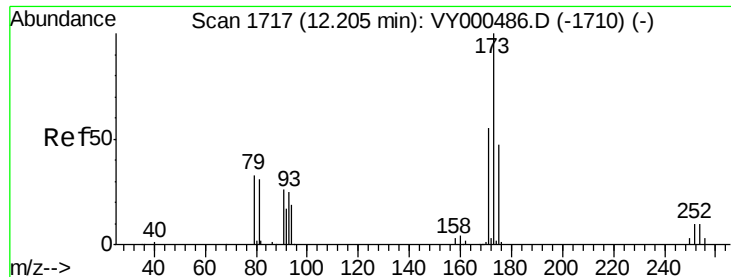
Tot Ion:106 Resp: 97805
Ion Ratio Lower Upper
106 100
91 203.8 106.5 319.6



#70
Styrene
Concen: 20.321 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion:104 Resp: 163470
Ion Ratio Lower Upper
104 100
78 49.5 39.0 58.4
103 53.3 42.5 63.7





#71

Bromoform

Concen: 20.605 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Instrument :

MSVOA_Y

ClientSampled :

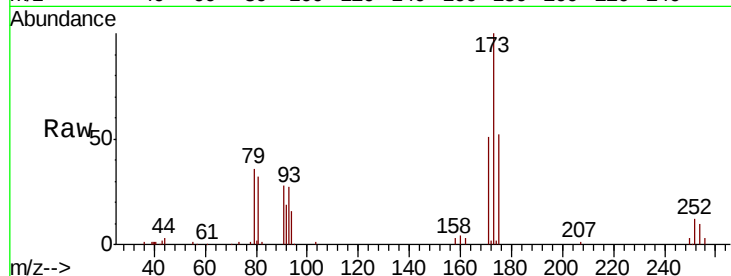
Tot Ion:173 Resp: 28844

Ion Ratio Lower Upper

173 100

175 48.0 24.4 73.2

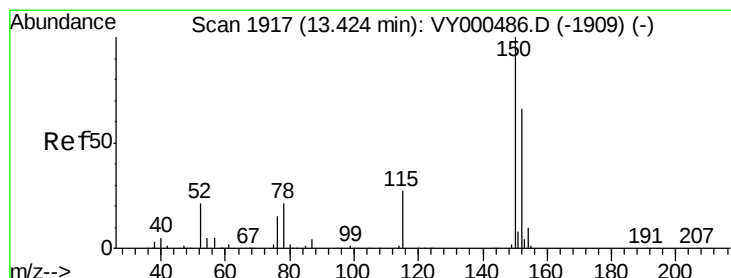
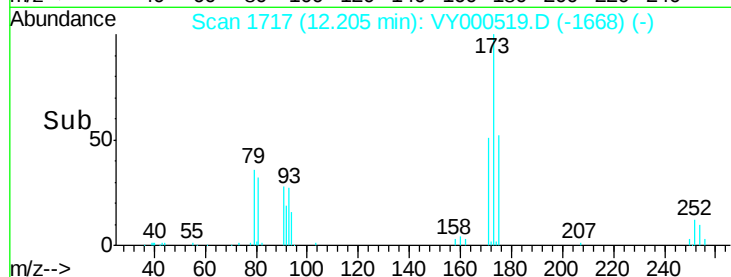
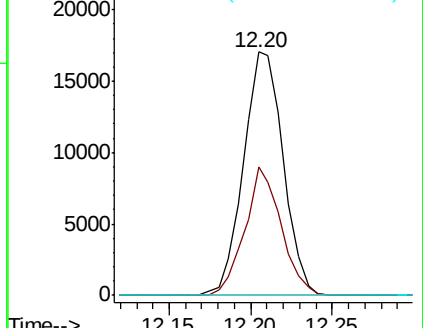
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

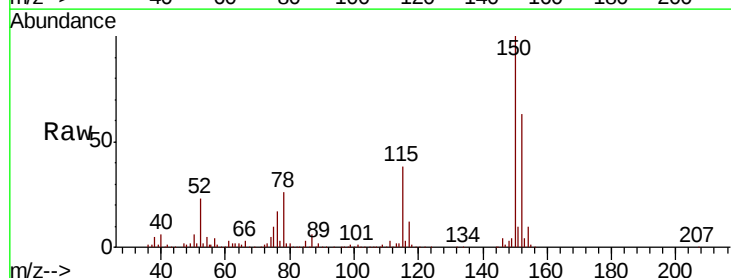
Tgt Ion:152 Resp: 172503

Ion Ratio Lower Upper

152 100

115 58.5 29.1 87.4

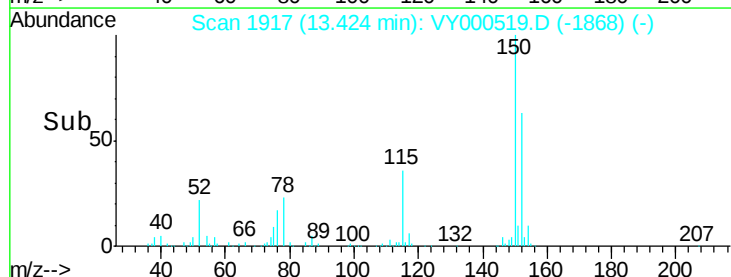
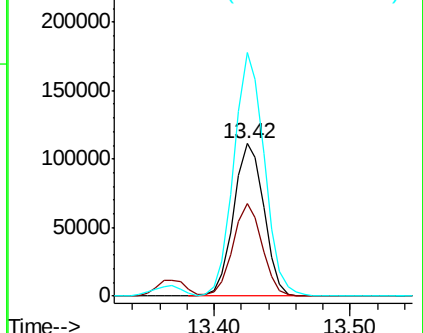
150 161.4 0.0 348.8

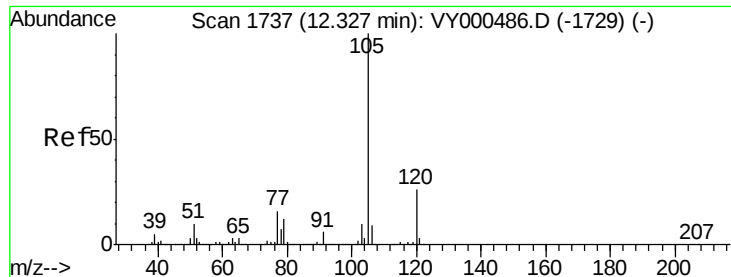


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.460 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Instrument :

MSVOA_Y

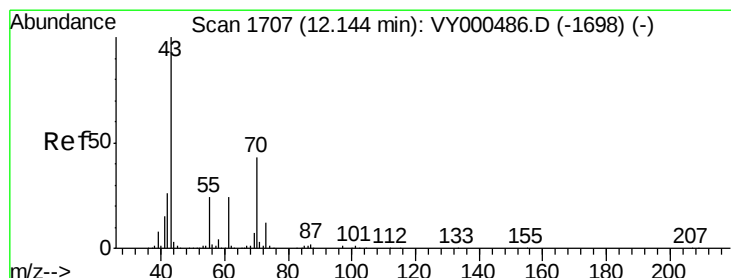
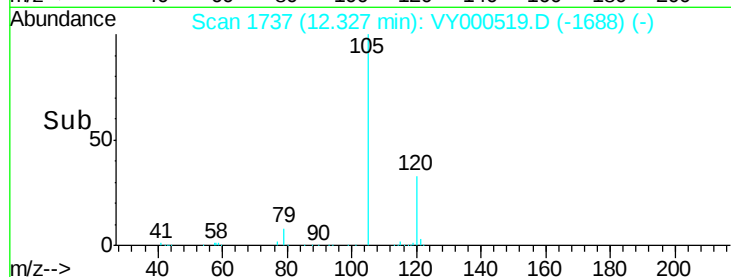
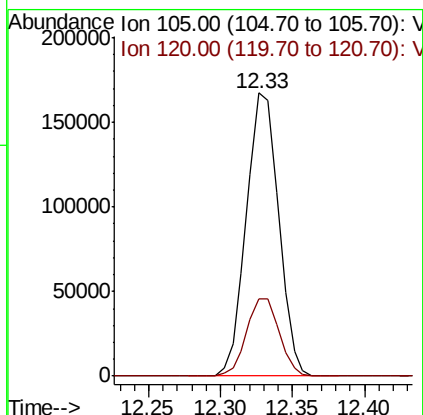
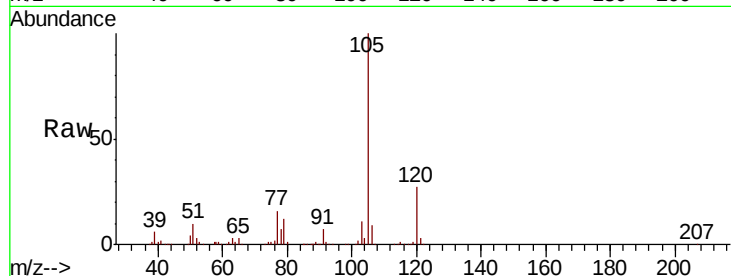
ClientSampleId :

Tot Ion:105 Resp: 260854

Ion Ratio Lower Upper

105 100

120 27.6 13.5 40.4



#74

N-ethyl acetate

Concen: 20.596 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Tgt Ion: 43 Resp: 75205

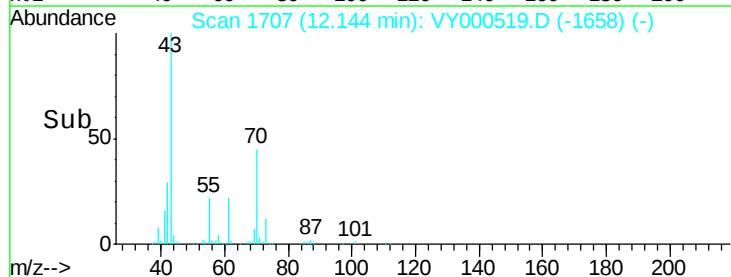
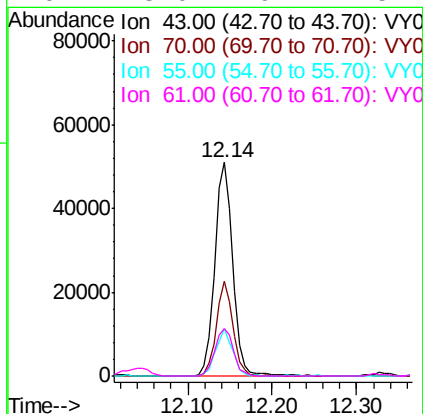
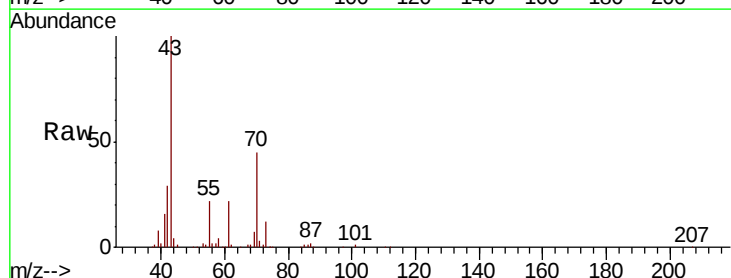
Ion Ratio Lower Upper

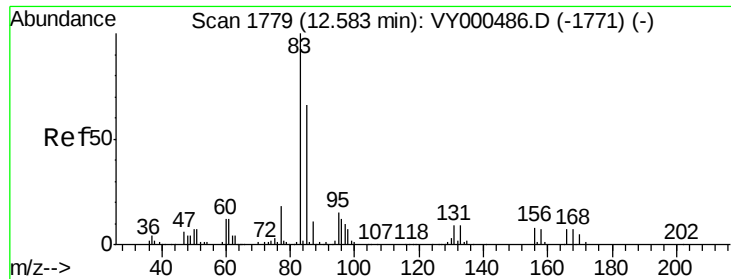
43 100

70 41.2 33.1 49.7

55 20.7 18.0 27.0

61 23.0 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.260 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Instrument :

MSVOA_Y

ClientSampleId :

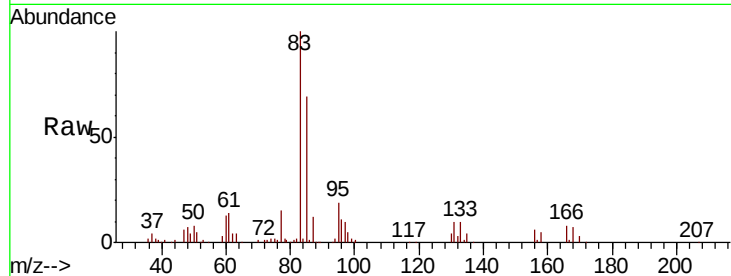
Tot Ion: 83 Resp: 51143

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 65.5 32.3 96.9



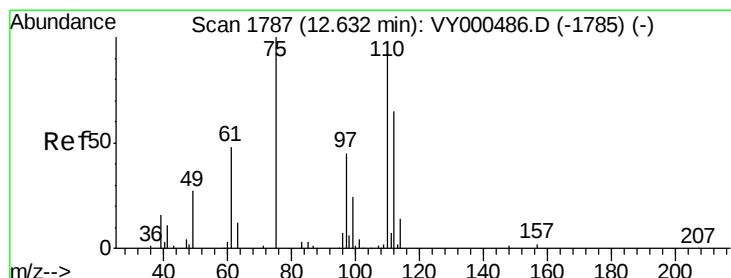
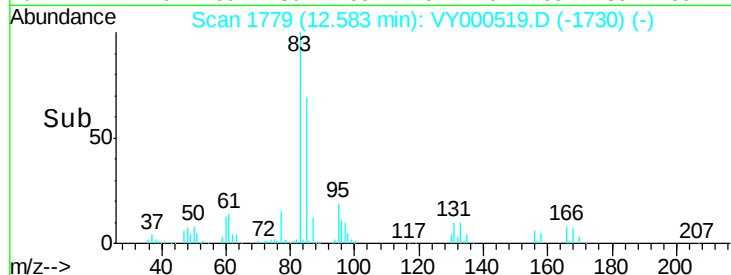
Abundance Ion 82.90 (82.60 to 83.60): VY000519.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000519.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000519.D (-1730) (-)

12.58

Time-->



#76

1,2,3-Trichloropropane

Concen: 35.262 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000519.D

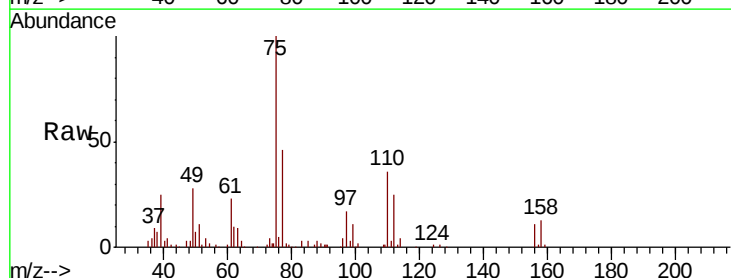
Acq: 01 Nov 2019 12:04

Tgt Ion: 75 Resp: 69261

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

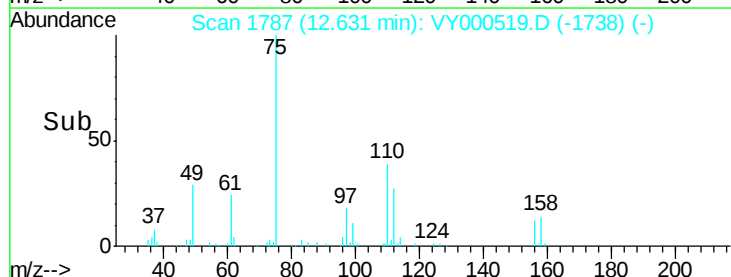


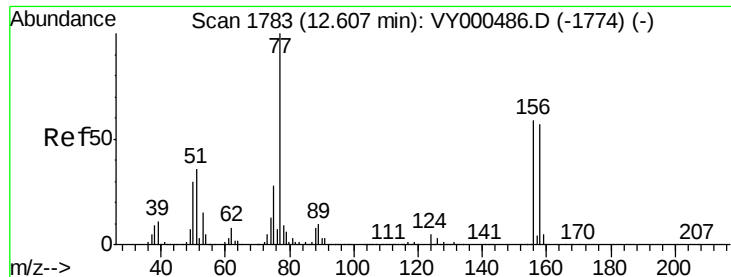
Abundance Ion 74.90 (74.60 to 75.60): VY000519.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY000519.D (-1738) (-)

12.63

Time-->





#77

Bromobenzene

Concen: 20.349 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Instrument :

MSVOA_Y

ClientSampleId :

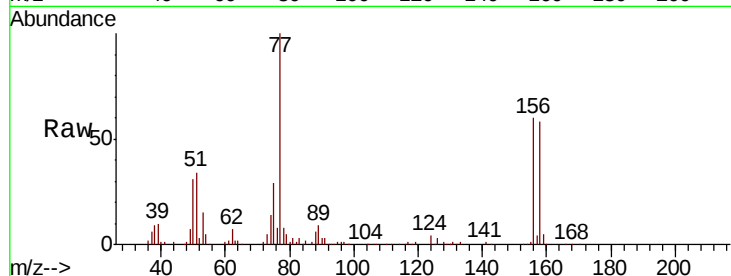
Tot Ion:156 Resp: 58832

Ion Ratio Lower Upper

156 100

77 194.9 98.2 294.4

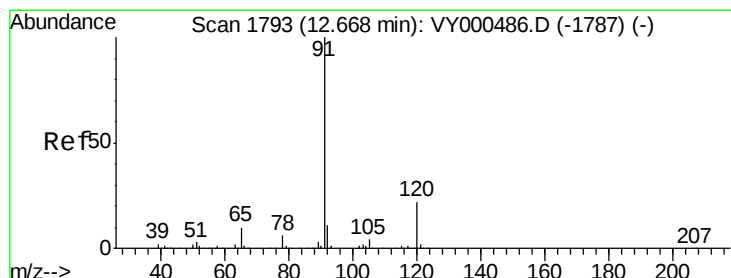
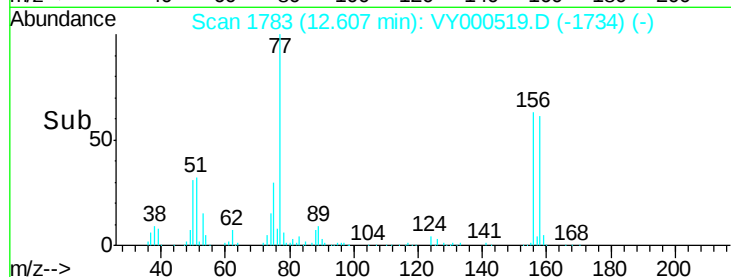
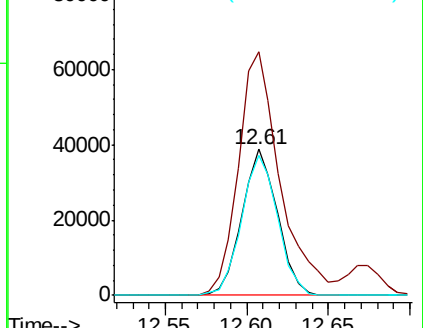
158 97.4 49.6 149.0



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: 20.415 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000519.D

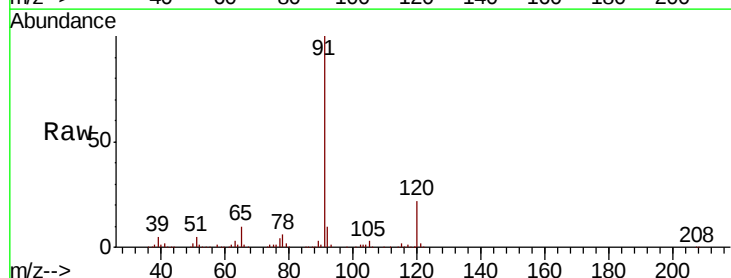
Acq: 01 Nov 2019 12:04

Tgt Ion: 91 Resp: 314040

Ion Ratio Lower Upper

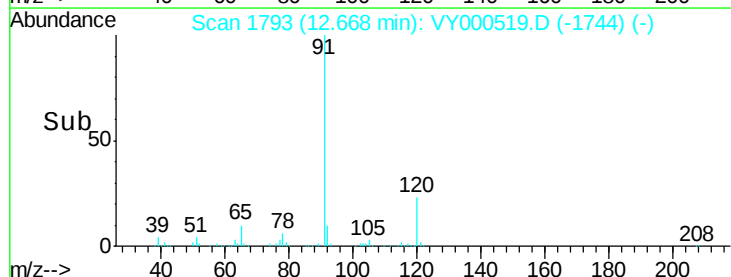
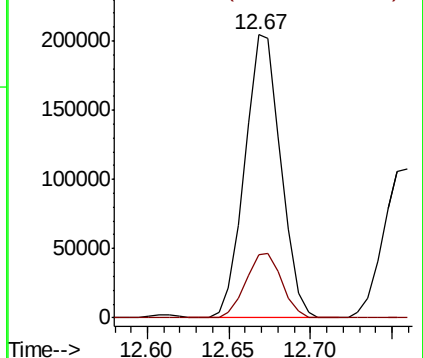
91 100

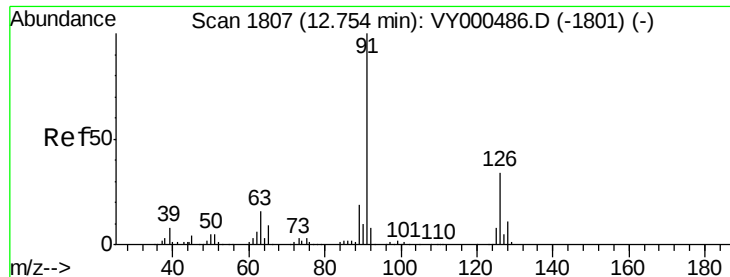
120 23.0 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

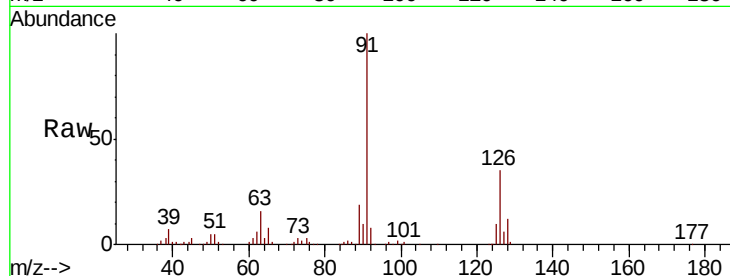




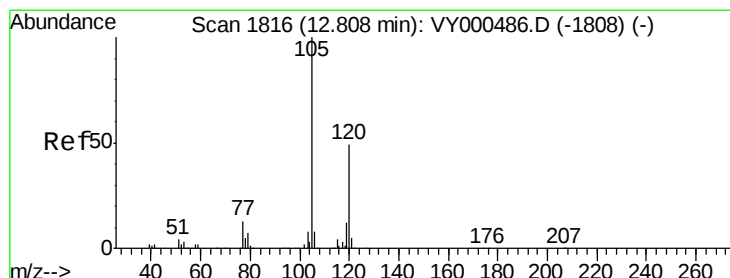
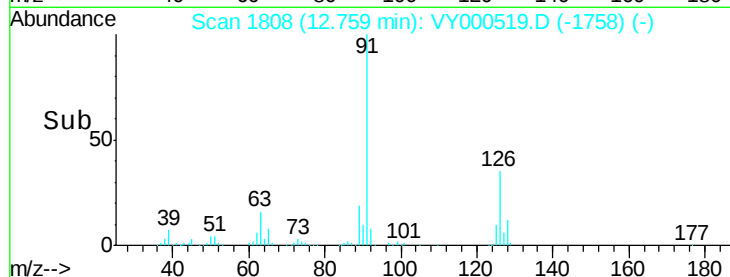
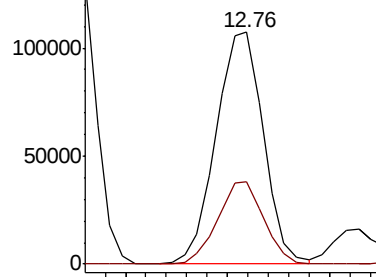
#79
2-Chlorotoluene
Concen: 20.276 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 173156
Ion Ratio Lower Upper
91 100
126 34.7 17.7 53.1

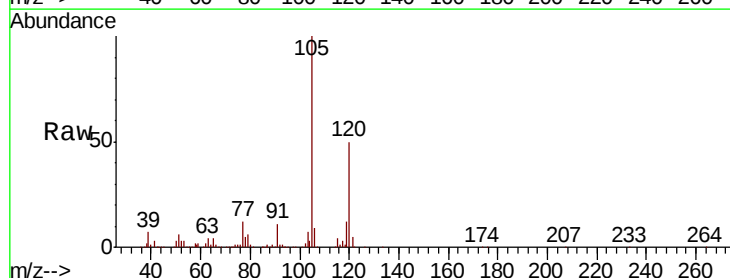


Abundance Ion 91.00 (90.70 to 91.70): VY000519.D (-1758) (-)
Ion 125.90 (125.60 to 126.60): VY000519.D (-1758) (-)

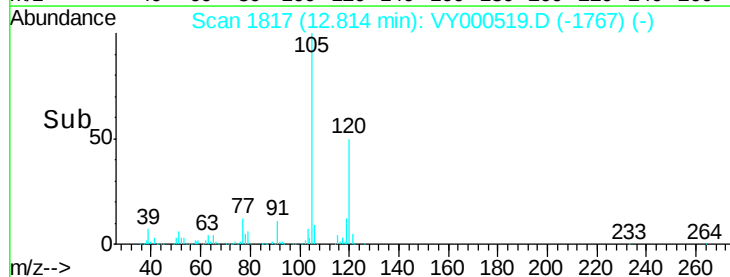
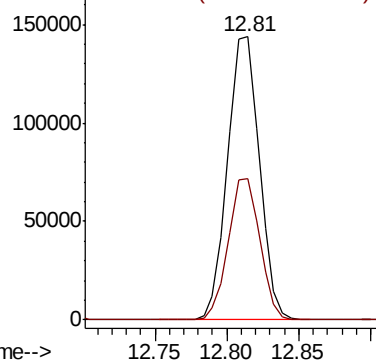


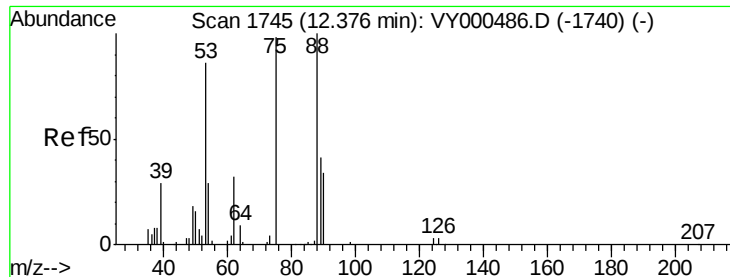
#80
1,3,5-Trimethylbenzene
Concen: 20.710 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion: 105 Resp: 219908
Ion Ratio Lower Upper
105 100
120 49.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000519.D (-1767) (-)
Ion 120.00 (119.70 to 120.70): VY000519.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.688 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Instrument :

MSVOA_Y

ClientSampled :

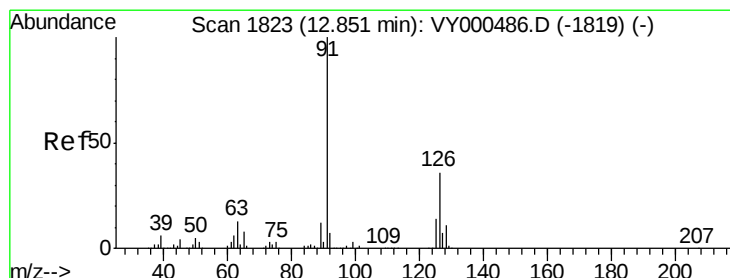
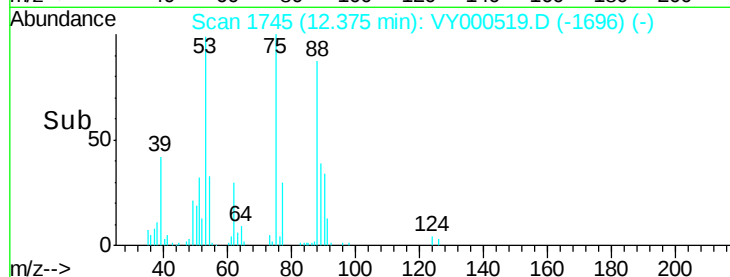
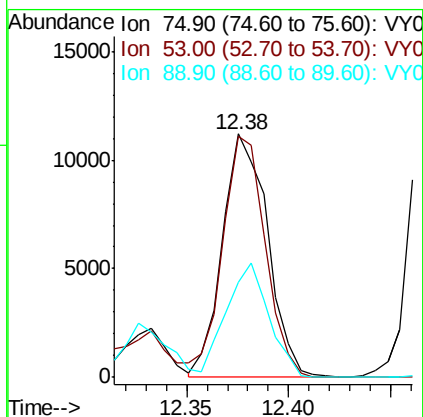
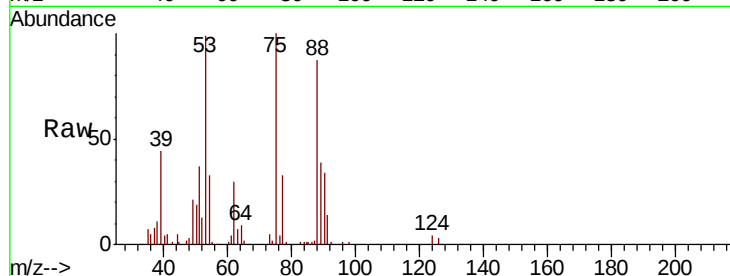
Tot Ion: 75 Resp: 17247

Ion Ratio Lower Upper

75 100

53 93.1 73.2 109.8

89 44.1 35.9 53.9



#82

4-Chlorotoluene

Concen: 20.531 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000519.D

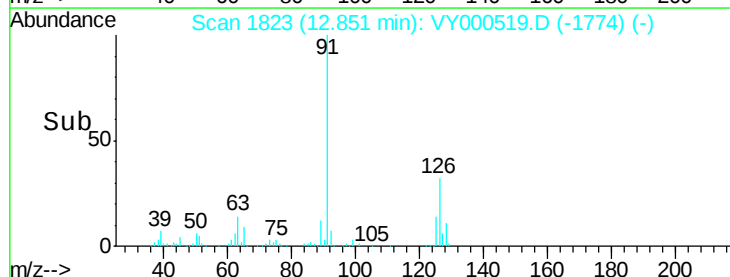
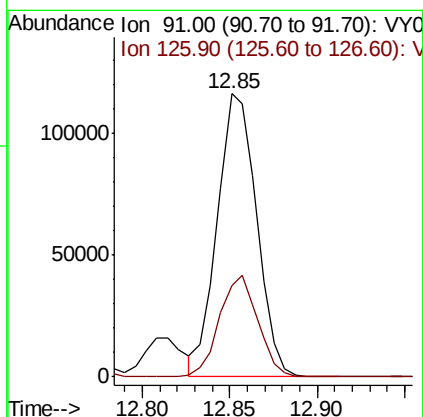
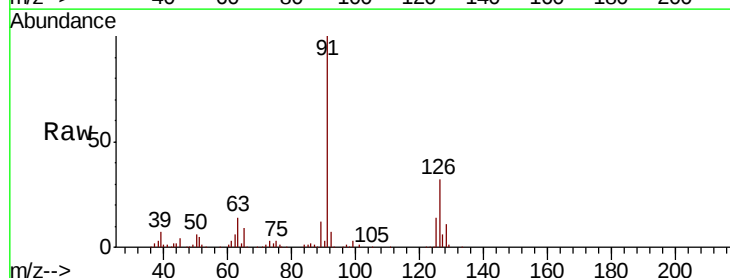
Acq: 01 Nov 2019 12:04

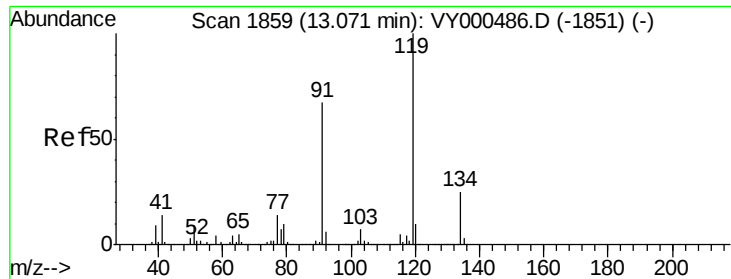
Tgt Ion: 91 Resp: 181749

Ion Ratio Lower Upper

91 100

126 35.1 17.6 52.9

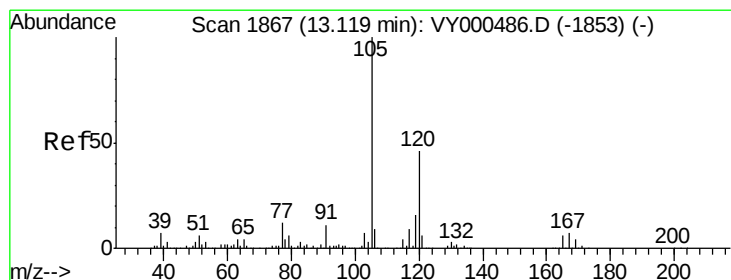
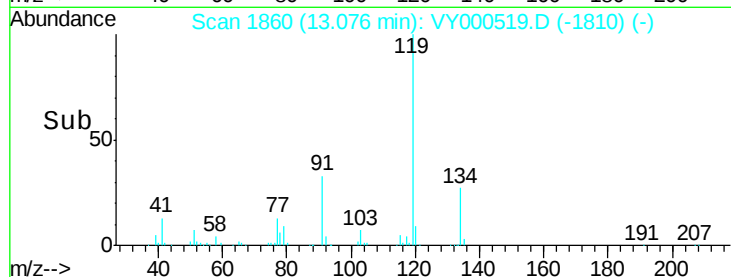
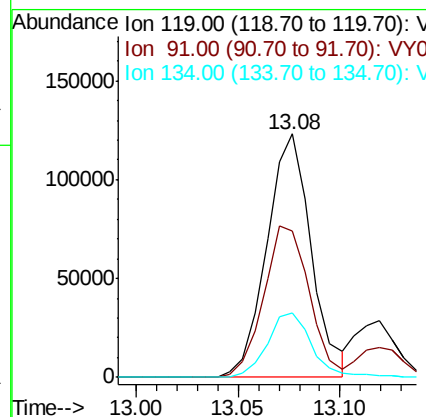
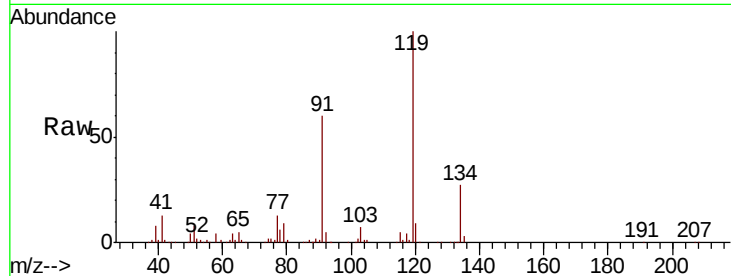




#83
tert-Butylbenzene
Concen: 20.610 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

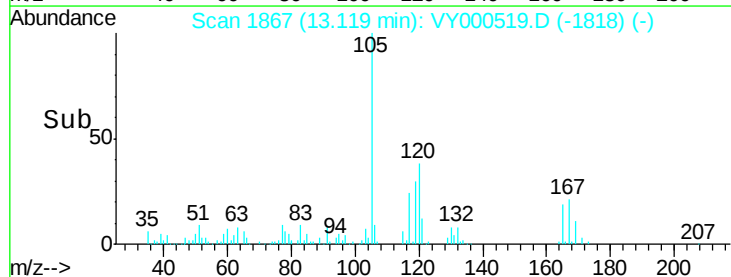
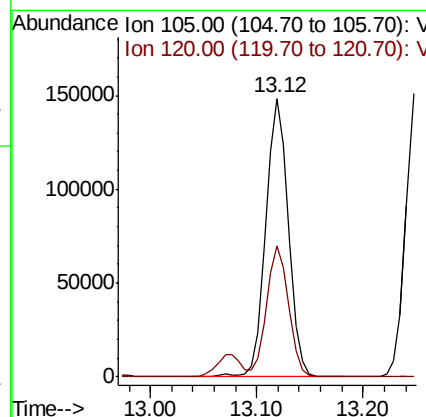
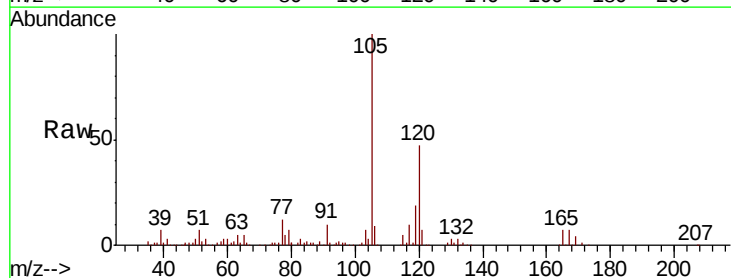
Instrument :
MSVOA_Y
ClientSampleId :

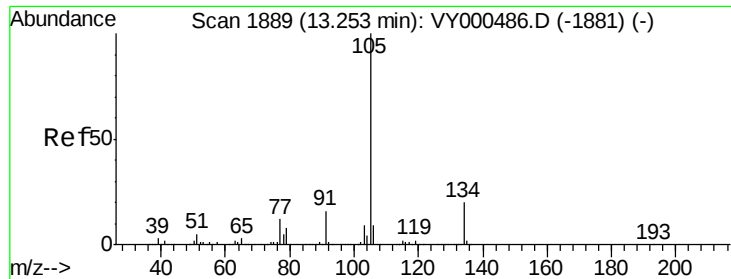
Tot Ion:119 Resp: 186853
Ion Ratio Lower Upper
119 100
91 63.9 32.1 96.3
134 27.0 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 20.914 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion:105 Resp: 221110
Ion Ratio Lower Upper
105 100
120 45.6 23.3 69.9





#85

sec-Butylbenzene

Concen: 20.640 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Instrument :

MSVOA_Y

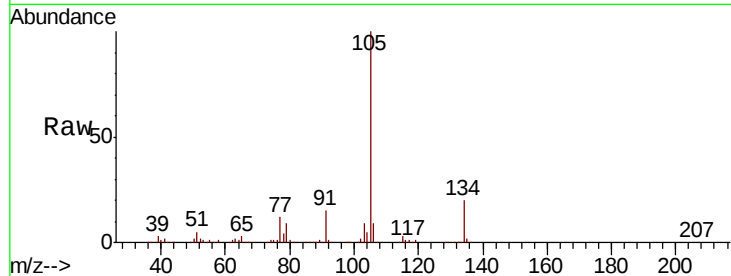
ClientSampleId :

Tot Ion:105 Resp: 266605

Ion Ratio Lower Upper

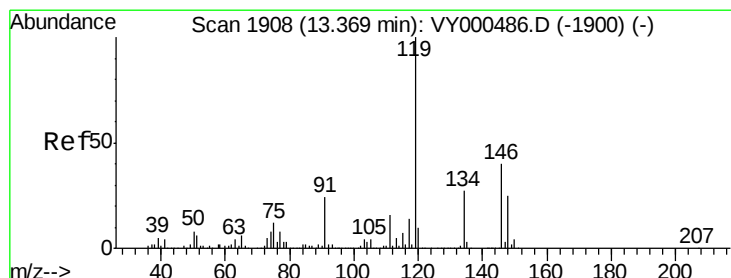
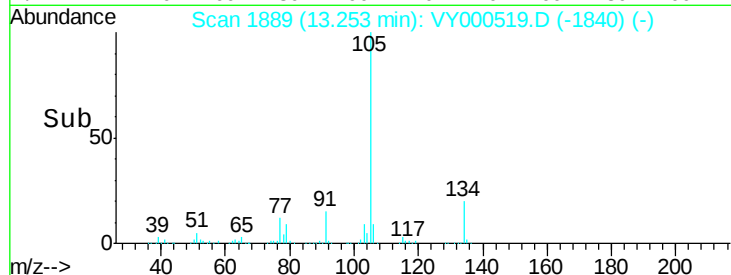
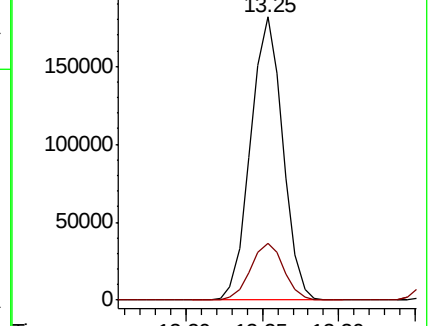
105 100

134 20.6 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.613 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

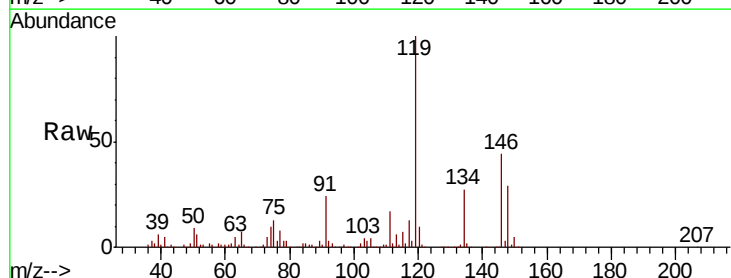
Tgt Ion:119 Resp: 237302

Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.8

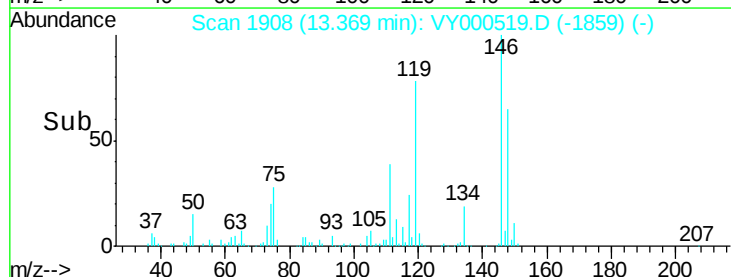
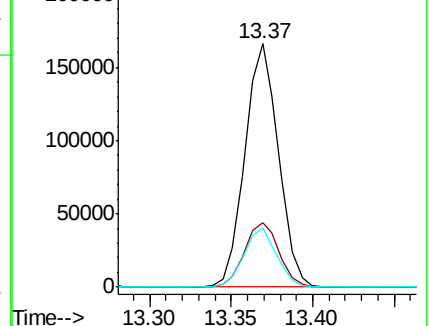
91 23.5 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

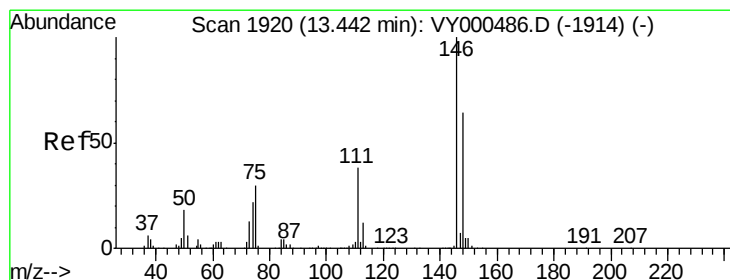
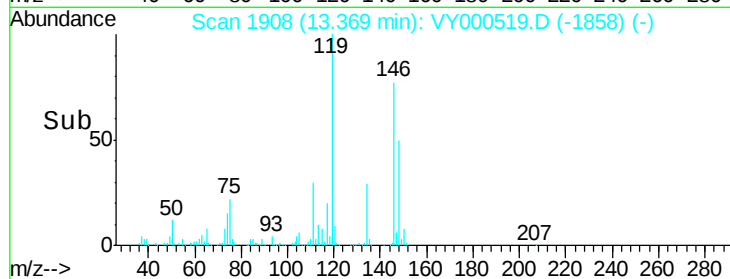
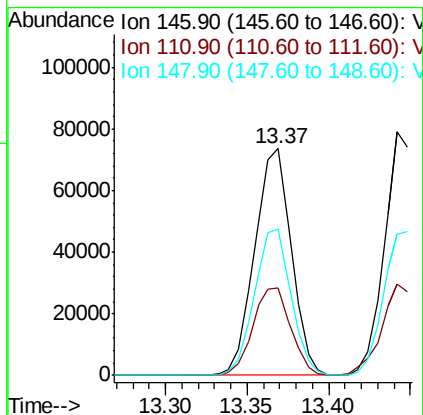
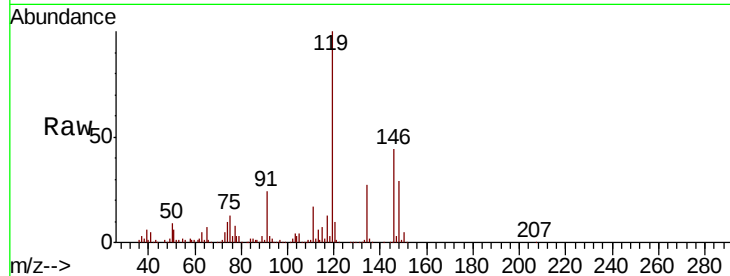




#87
 1,3-Dichlorobenzene
 Concen: 20.258 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

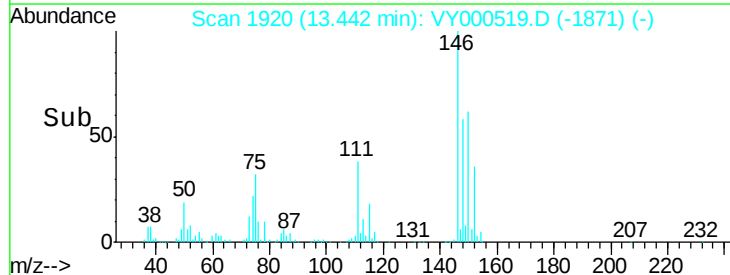
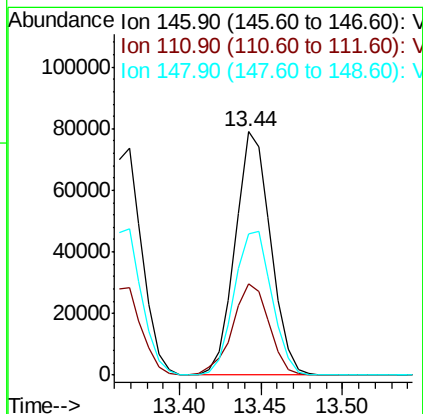
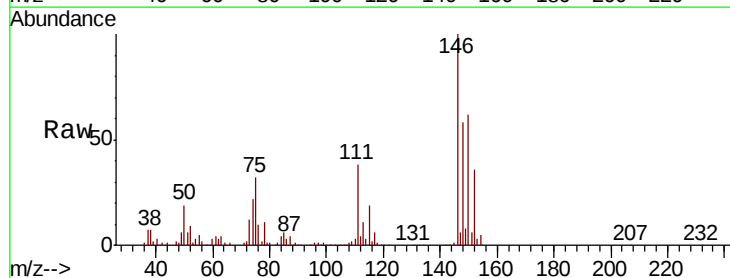
Instrument :
 MSVOA_Y
 ClientSampleId :

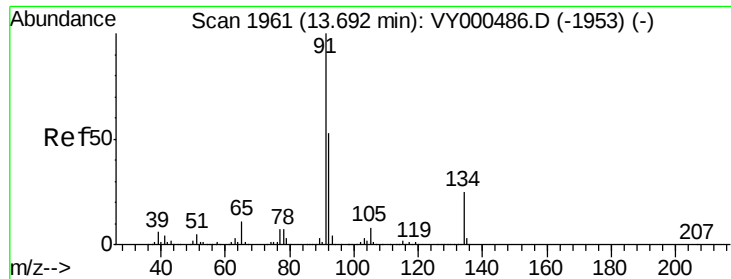
Tot Ion:146 Resp: 114721
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.3 60.8
 148 64.5 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 21.064 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

Tgt Ion:146 Resp: 119193
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.7 59.0
 148 63.2 31.9 95.7

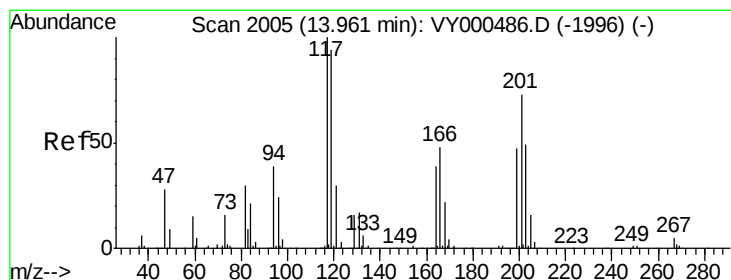
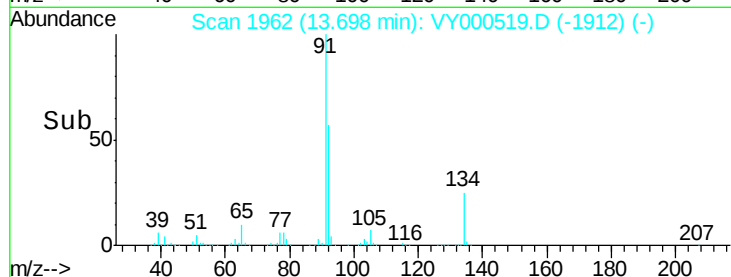
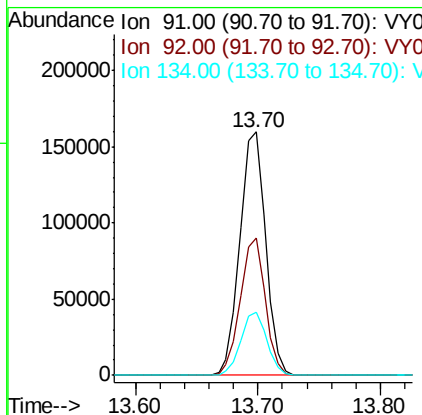
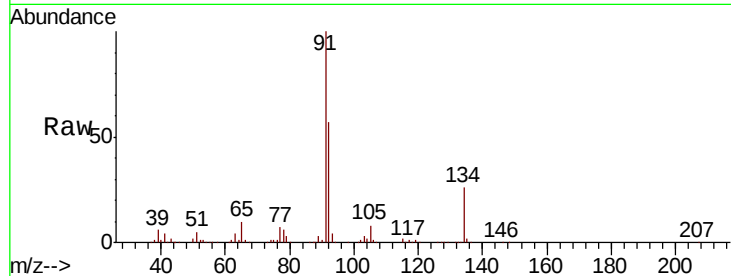




#89
n-Butylbenzene
Concen: 20.468 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

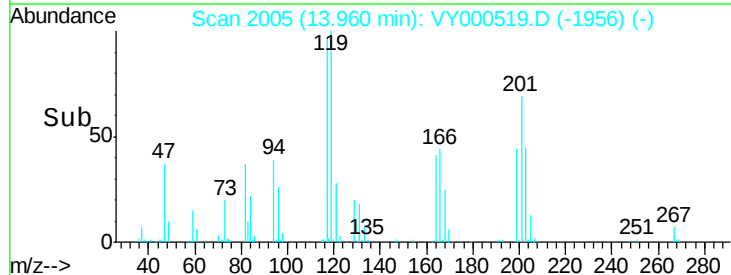
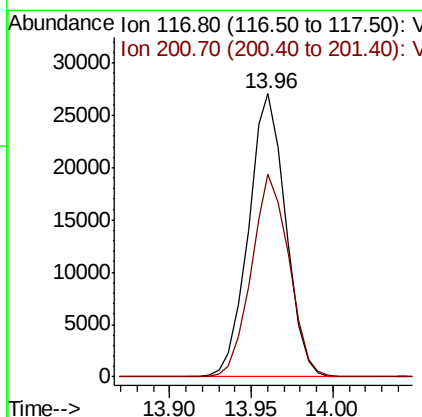
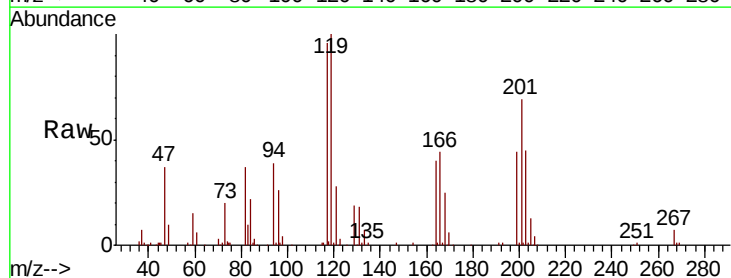
Instrument :
MSVOA_Y
ClientSampleId :

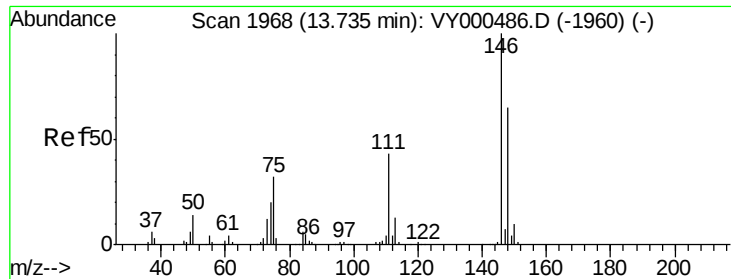
Tot Ion: 91 Resp: 232408
Ion Ratio Lower Upper
91 100
92 54.8 26.8 80.3
134 26.1 12.9 38.7



#90
Hexachloroethane
Concen: 20.083 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000519.D
Acq: 01 Nov 2019 12:04

Tgt Ion: 117 Resp: 42742
Ion Ratio Lower Upper
117 100
201 72.2 35.8 107.3

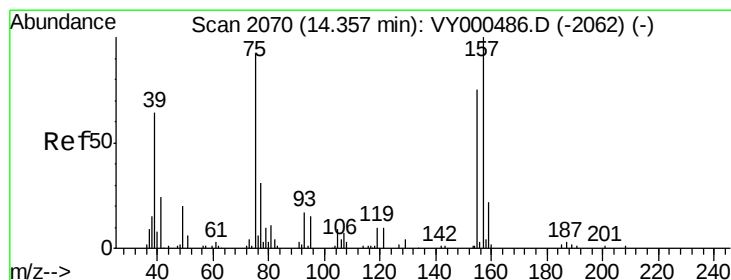
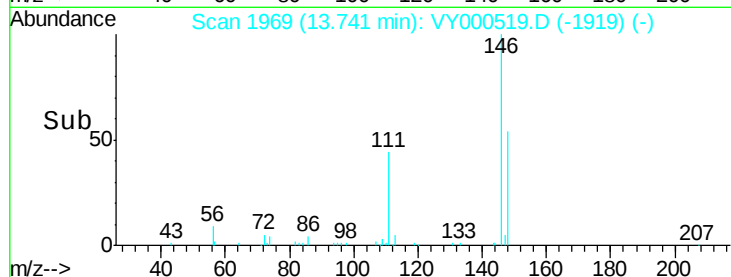
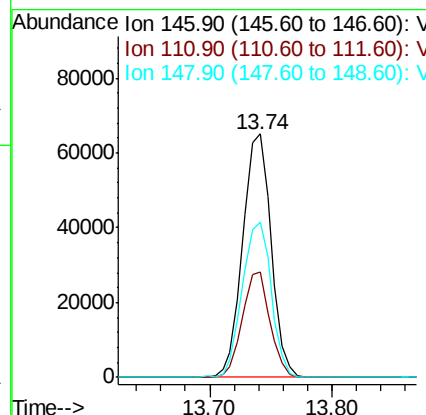
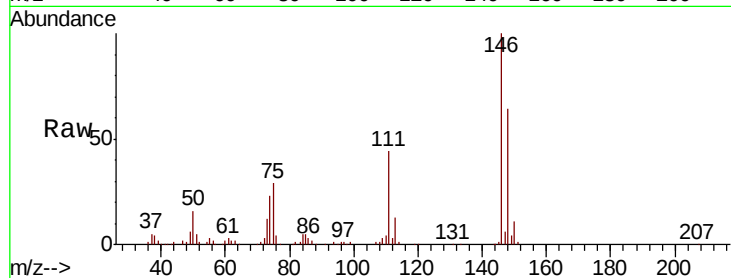




#91
 1,2-Dichlorobenzene
 Concen: 20.380 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

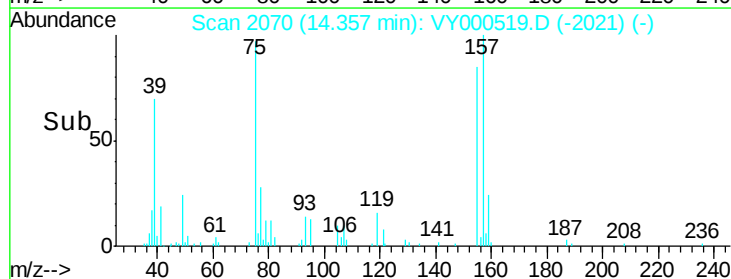
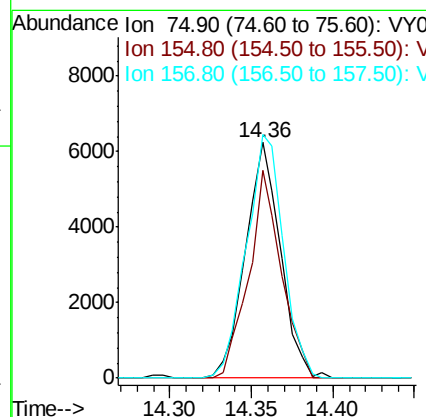
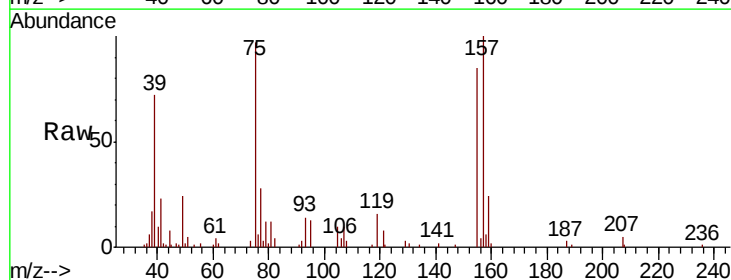
Instrument :
 MSVOA_Y
 ClientSampleId :

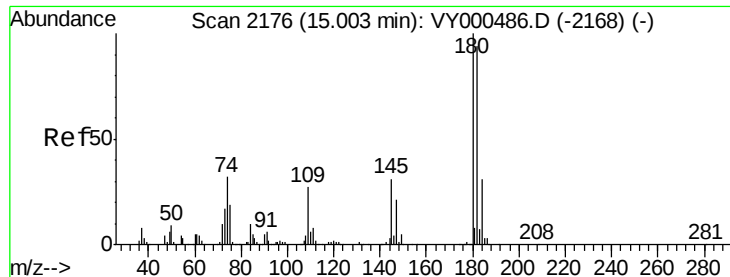
Tot Ion:146 Resp: 104712
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.5 61.5
 148 65.1 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.884 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

Tgt Ion: 75 Resp: 9330
 Ion Ratio Lower Upper
 75 100
 155 82.1 42.4 127.1
 157 109.2 55.1 165.3

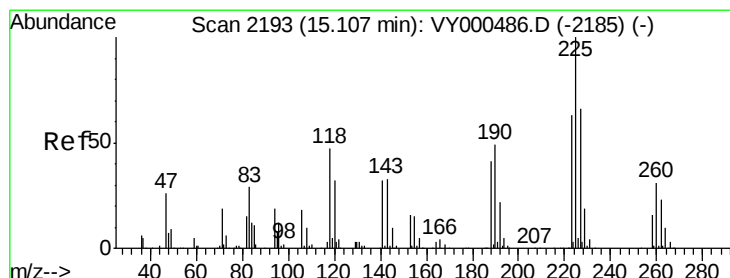
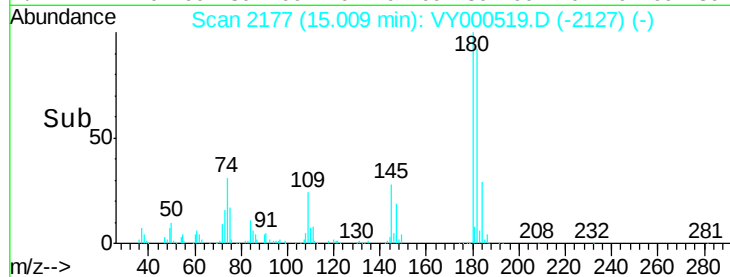
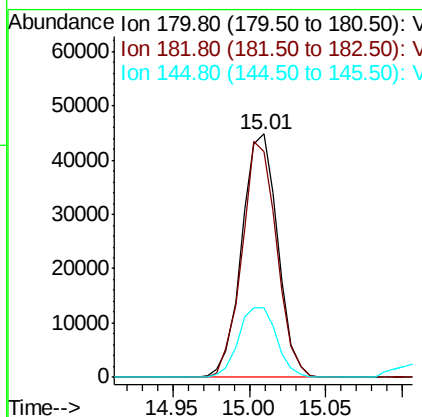
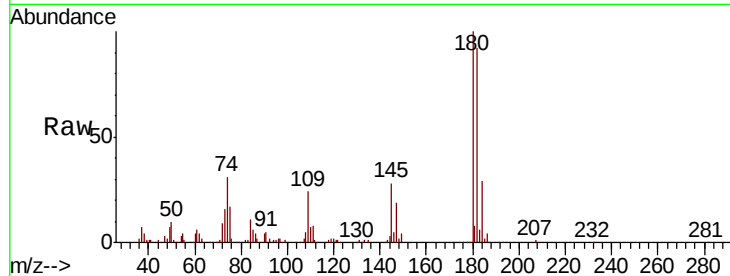




#93
 1,2,4-Trichlorobenzene
 Concen: 20.764 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

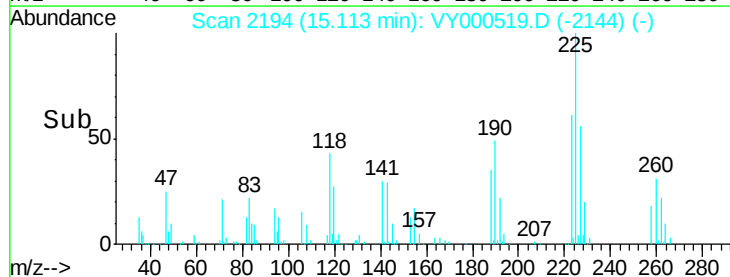
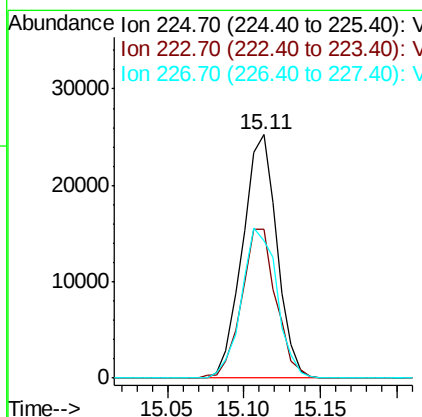
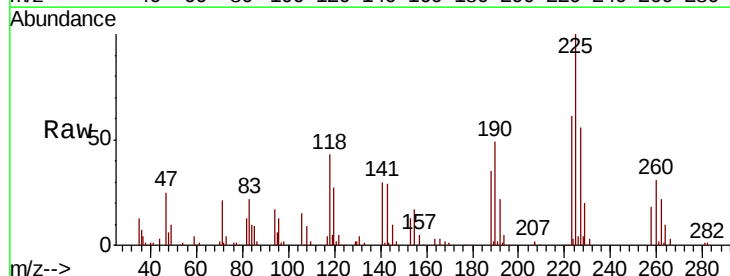
Instrument :
 MSVOA_Y
 ClientSampleId :

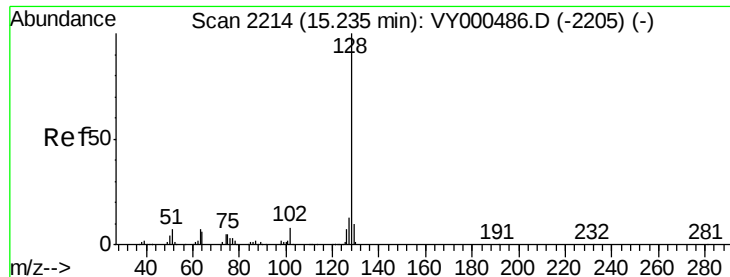
Tot Ion:180 Resp: 72641
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.8 143.4
 145 30.8 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 21.848 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000519.D
 Acq: 01 Nov 2019 12:04

Tgt Ion:225 Resp: 39400
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.3 93.8
 227 63.3 32.4 97.0





#95

Naphthalene

Concen: 20.950 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

Instrument :

MSVOA_Y

ClientSampled :

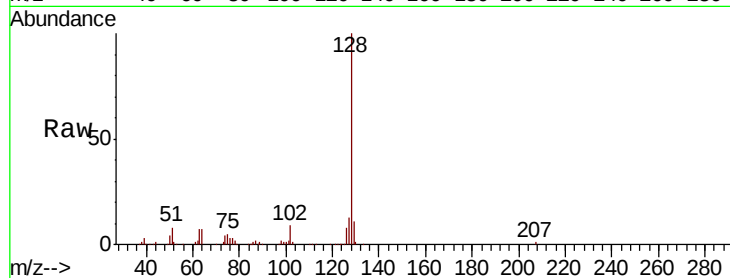
Tot Ion:128 Resp: 162701

Ion Ratio Lower Upper

128 100

127 12.7 9.8 14.6

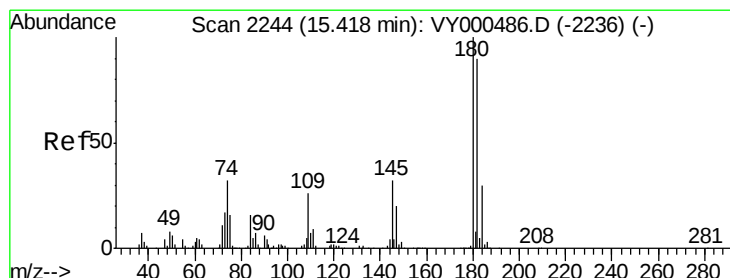
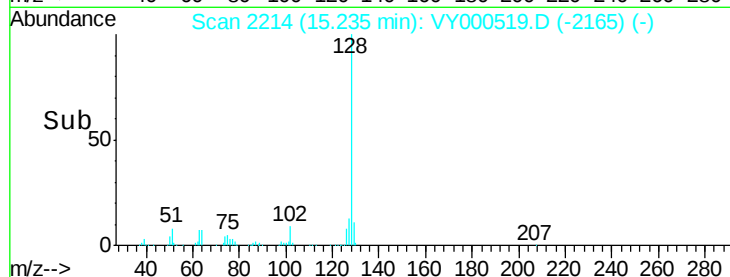
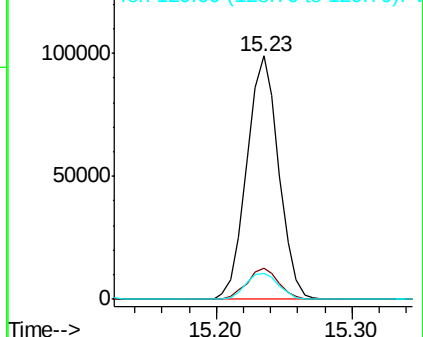
129 11.2 8.7 13.1



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: 21.368 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.01 min

Lab File: VY000519.D

Acq: 01 Nov 2019 12:04

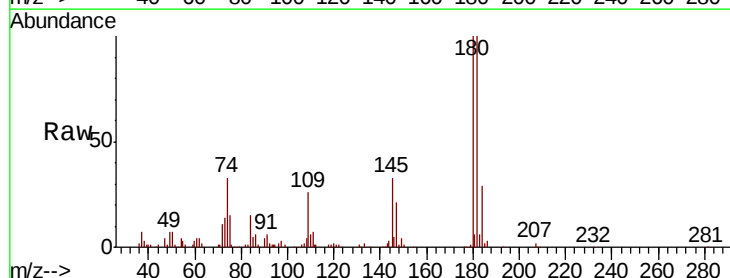
Tgt Ion:180 Resp: 67067

Ion Ratio Lower Upper

180 100

182 95.9 47.4 142.3

145 31.6 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

