

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111919\
 Data File : VY000739.D
 Acq On : 19 Nov 2019 12:41
 Operator : SY/MD
 Sample : VY1119SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Quant Time: Nov 19 15:32:14 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	212066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	358805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	320043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	160571	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	120919	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	
35) Dibromofluoromethane	7.72	113	106461	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
50) Toluene-d8	10.18	98	423513	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.48	95	150644	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	38618	18.499	ug/l	98
3) Chloromethane	2.12	50	53209	18.503	ug/l	96
4) Vinyl Chloride	2.25	62	52000	19.472	ug/l	99
5) Bromomethane	2.64	94	38206	23.858	ug/l	91
6) Chloroethane	2.79	64	34216	20.472	ug/l	100
7) Trichlorofluoromethane	3.13	101	74053	20.534	ug/l	100
8) Diethyl Ether	3.53	74	28444	22.197	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	44319	20.327	ug/l	99
10) Methyl Iodide	4.09	142	49003	19.182	ug/l	97
11) Tert butyl alcohol	4.96	59	22369	104.708	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	43233	20.409	ug/l	91
13) Acrolein	3.73	56	13865	74.509	ug/l	96
14) Allyl chloride	4.48	41	73590	21.365	ug/l	99
15) Acrylonitrile	5.18	53	71380	108.737	ug/l	99
16) Acetone	3.95	43	55025	90.972	ug/l	97
17) Carbon Disulfide	4.19	76	125394	18.768	ug/l	100
18) Methyl Acetate	4.49	43	39297	20.895	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	123332	20.940	ug/l	96
20) Methylene Chloride	4.72	84	53575	20.671	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	50478	21.078	ug/l	95
22) Diisopropyl ether	6.13	45	161880	21.622	ug/l	93
23) Vinyl Acetate	6.07	43	513596	108.674	ug/l	96
24) 1,1-Dichloroethane	6.02	63	86093	21.227	ug/l	95
25) 2-Butanone	6.99	43	95753	99.193	ug/l	99
26) 2,2-Dichloropropane	6.99	77	76343	20.597	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	56866	21.716	ug/l	98
28) Bromochloromethane	7.34	49	22125	15.075	ug/l	89
29) Tetrahydrofuran	7.35	42	63269	107.137	ug/l	99
30) Chloroform	7.51	83	91877	22.393	ug/l	95
31) Cyclohexane	7.79	56	85667	20.166	ug/l #	94
32) 1,1,1-Trichloroethane	7.71	97	77735	21.258	ug/l	100
36) 1,1-Dichloropropene	7.93	75	72273	21.307	ug/l	97
37) Ethyl Acetate	7.08	43	42548	21.128	ug/l	98
38) Carbon Tetrachloride	7.91	117	69270	21.223	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	88486	20.192	ug/l	96
40) Benzene	8.16	78	206166	20.732	ug/l	98
41) Methacrylonitrile	7.35	41	58033	51.657	ug/l #	7
42) 1,2-Dichloroethane	8.24	62	59718	21.173	ug/l	99
43) Isopropyl Acetate	8.28	43	77183	20.403	ug/l	99
44) Trichloroethene	8.94	130	57114	21.783	ug/l	90
45) 1,2-Dichloropropane	9.22	63	51215	20.925	ug/l	94
46) Dibromomethane	9.32	93	28520	21.188	ug/l	98
47) Bromodichloromethane	9.50	83	67052	20.994	ug/l	96
48) Methyl methacrylate	9.30	41	37026	22.401	ug/l	93
49) 1,4-Dioxane	9.31	88	7232	399.211	ug/l #	85
51) 4-Methyl-2-Pentanone	10.07	43	212039	105.423	ug/l	99
52) Toluene	10.24	92	127757	20.320	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	71948	21.083	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	80968	20.710	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	40867	20.991	ug/l	93
56) Ethyl methacrylate	10.51	69	60397	21.888	ug/l	97
57) 1,3-Dichloropropane	10.79	76	73452	21.556	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.78	63	130439	104.561	ug/l	100
59) 2-Hexanone	10.83	43	148581	101.391	ug/l	98
60) Dibromochloromethane	10.99	129	46394	20.804	ug/l	98
61) 1,2-Dibromoethane	11.09	107	39303	20.996	ug/l	99
64) Tetrachloroethene	10.72	164	55836	21.099	ug/l	98
65) Chlorobenzene	11.52	112	135696	20.912	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	46354	20.598	ug/l	95
67) Ethyl Benzene	11.59	91	251966	21.099	ug/l	98
68) m/p-Xylenes	11.70	106	191774	41.490	ug/l	96
69) o-Xylene	12.03	106	90647	20.867	ug/l	99
70) Styrene	12.05	104	155608	20.919	ug/l	99
71) Bromoform	12.20	173	26121	20.180	ug/l #	97
73) Isopropylbenzene	12.33	105	244573	20.609	ug/l	100
74) N-amyl acetate	12.14	43	70578	20.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	49623	21.118	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	67280	36.799	ug/l #	100
77) Bromobenzene	12.61	156	55512	20.627	ug/l	98
78) n-propylbenzene	12.67	91	298564	20.851	ug/l	100
79) 2-Chlorotoluene	12.75	91	161904	20.367	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	204517	20.692	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16115	19.762	ug/l	92
82) 4-Chlorotoluene	12.85	91	172552	20.940	ug/l	99
83) tert-Butylbenzene	13.07	119	173952	20.613	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	205314	20.863	ug/l	98
85) sec-Butylbenzene	13.25	105	250976	20.874	ug/l	98
86) p-Isopropyltoluene	13.37	119	224848	20.983	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	110314	20.928	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	108481	20.595	ug/l	99
89) n-Butylbenzene	13.69	91	220468	20.860	ug/l	99
90) Hexachloroethane	13.96	117	39225	19.800	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	100022	20.914	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7933	19.076	ug/l	98

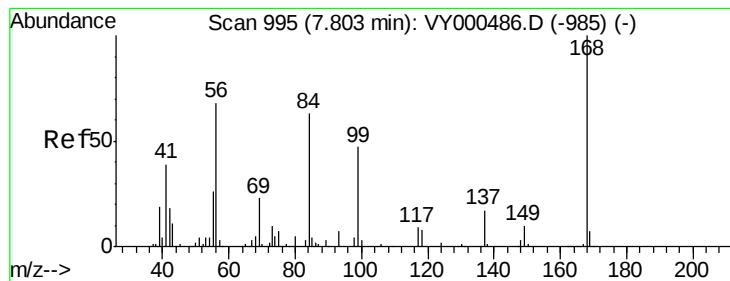
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY111919\
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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	67342	20.680	ug/l	98
94) Hexachlorobutadiene	15.11	225	34431	20.511	ug/l	97
95) Naphthalene	15.23	128	148082	20.484	ug/l	97
96) 1,2,3-Trichlorobenzene	15.42	180	61324	20.990	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: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

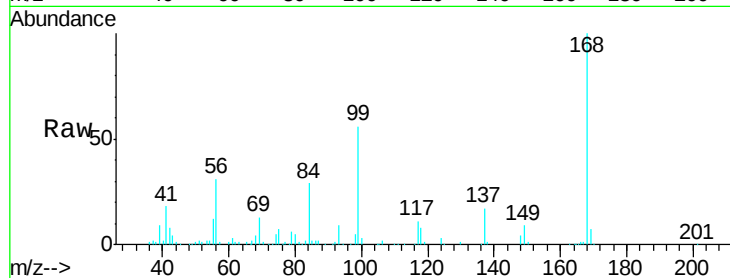
VY1119SBS01

Tgt Ion:168 Resp: 212066

Ion Ratio Lower Upper

168 100

99 56.3 45.7 68.5



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

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

7.80

100000

80000

60000

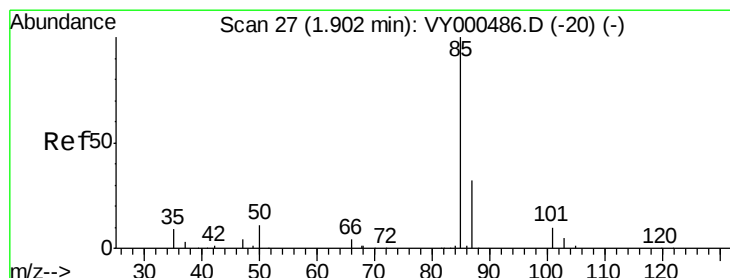
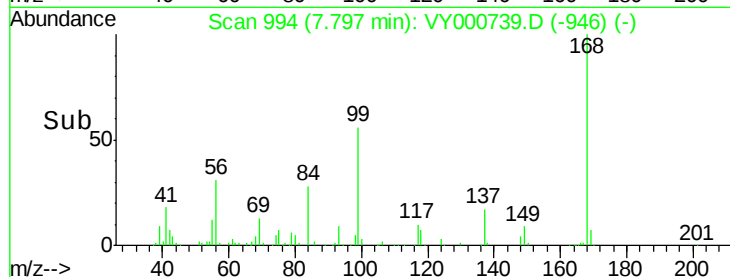
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.499 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000739.D

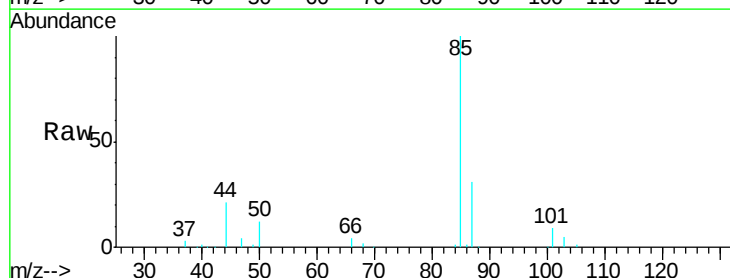
Acq: 19 Nov 2019 12:41

Tgt Ion: 85 Resp: 38618

Ion Ratio Lower Upper

85 100

87 30.6 15.9 47.7



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

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

1.90

25000

20000

15000

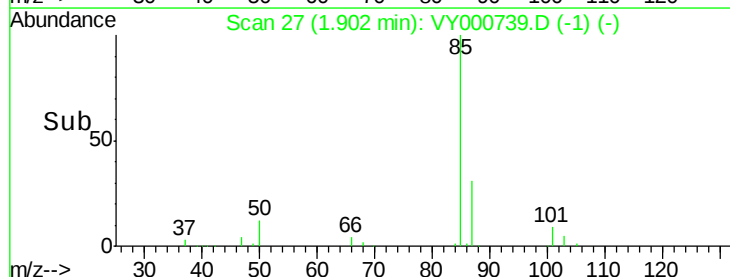
10000

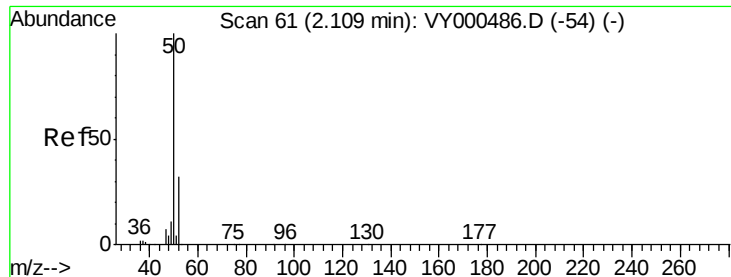
5000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.503 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

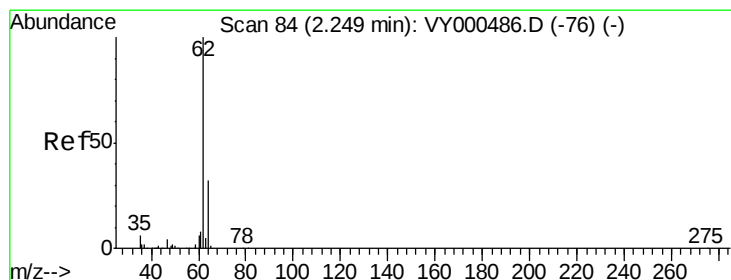
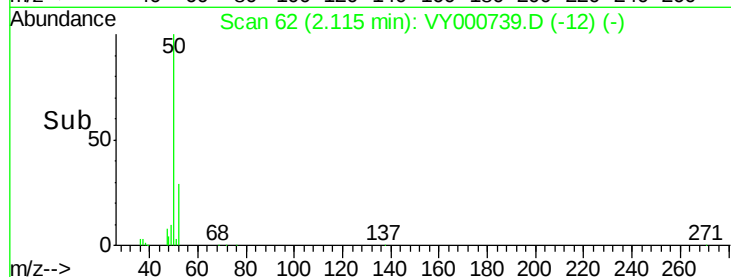
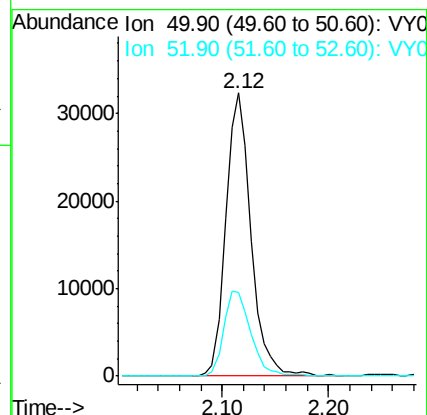
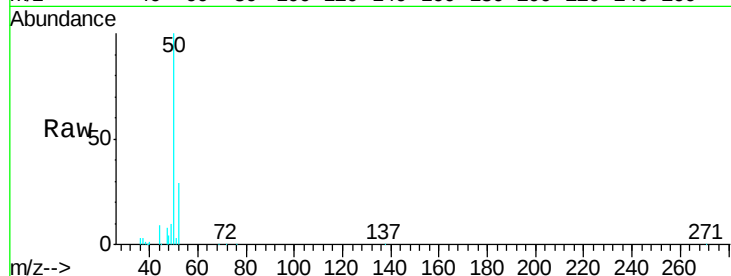
VY1119SBS01

Tgt Ion: 50 Resp: 53209

Ion Ratio Lower Upper

50 100

52 29.4 25.2 37.8



#4

Vinyl Chloride

Concen: 19.472 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000739.D

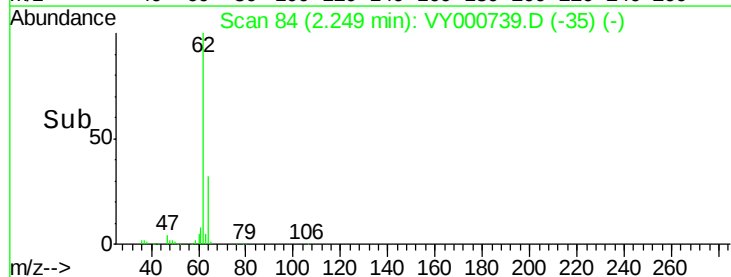
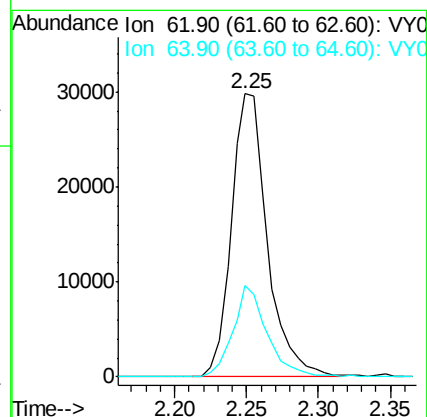
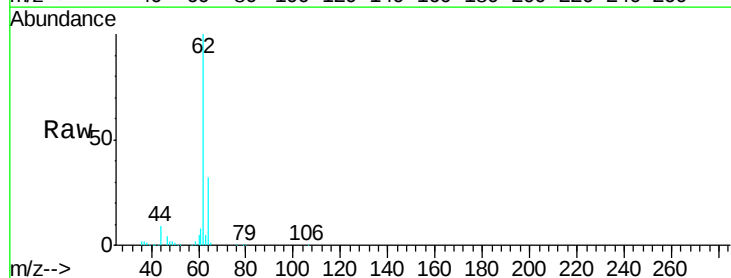
Acq: 19 Nov 2019 12:41

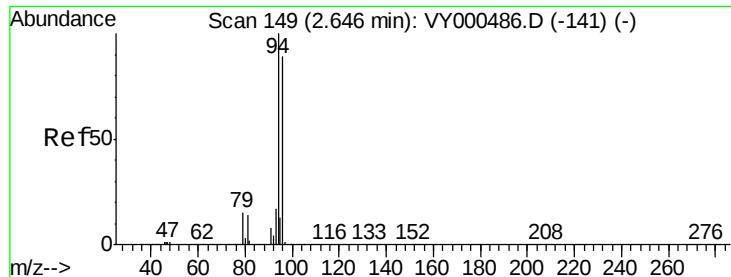
Tgt Ion: 62 Resp: 52000

Ion Ratio Lower Upper

62 100

64 32.0 25.2 37.8





#5

Bromomethane

Concen: 23.858 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

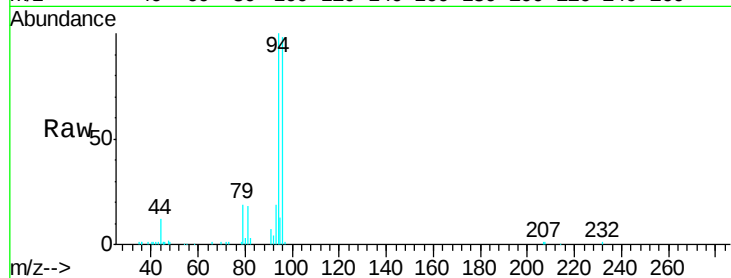
VY1119SBS01

Tgt Ion: 94 Resp: 38206

Ion Ratio Lower Upper

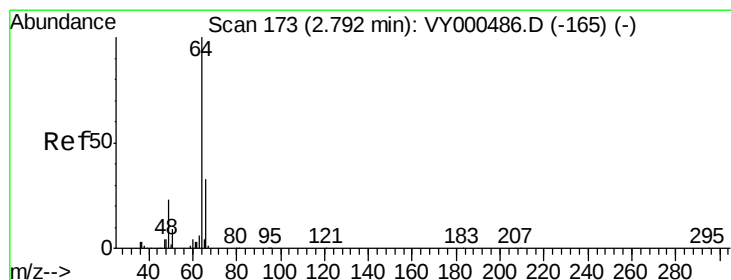
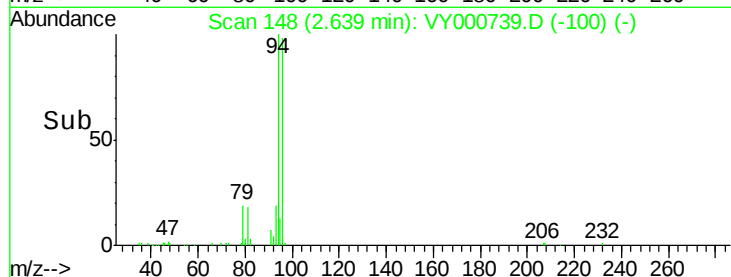
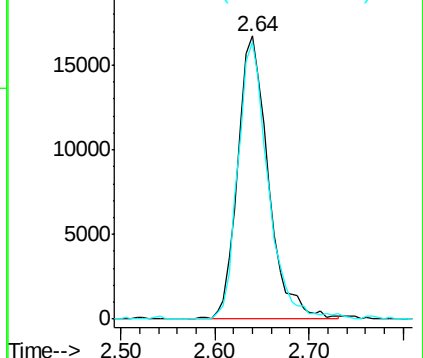
94 100

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: 20.472 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000739.D

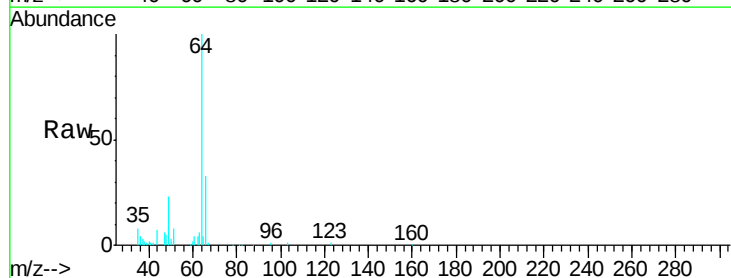
Acq: 19 Nov 2019 12:41

Tgt Ion: 64 Resp: 34216

Ion Ratio Lower Upper

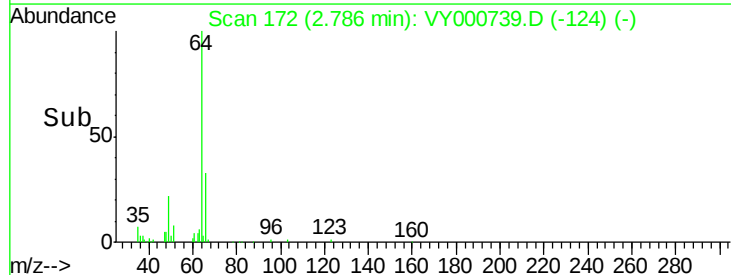
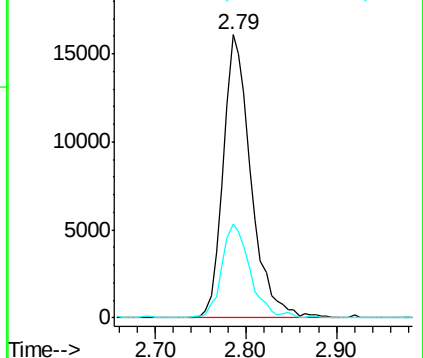
64 100

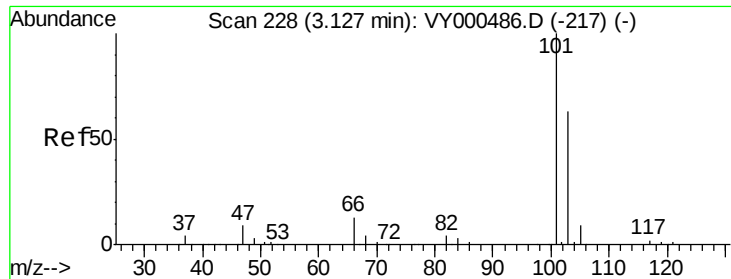
66 33.2 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



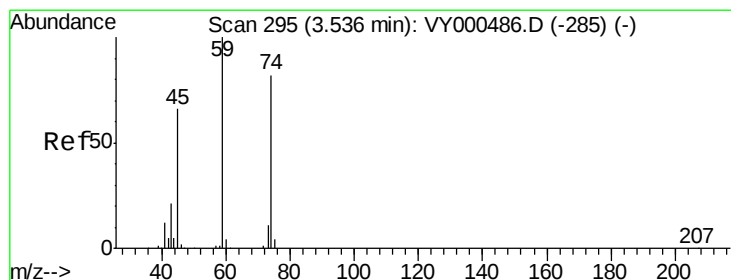
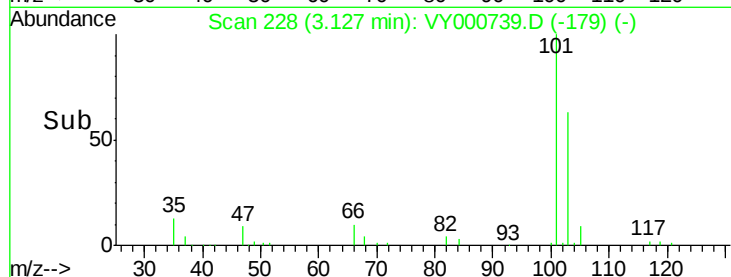
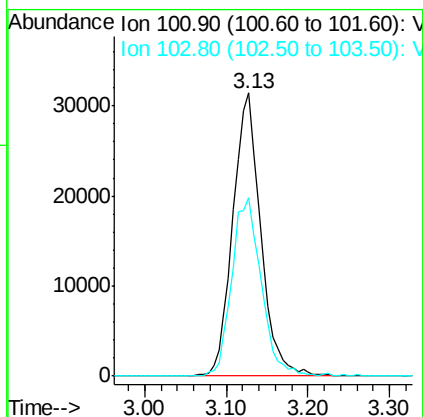
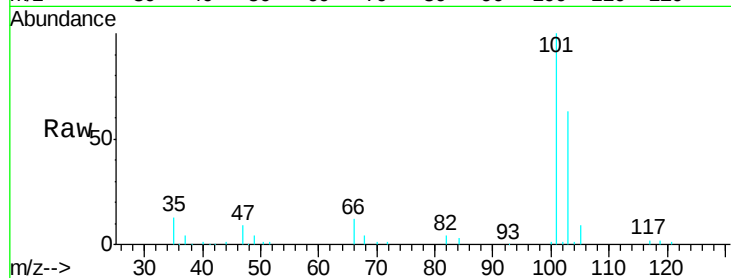


#7

Trichlorofluoromethane
 Concen: 20.534 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Instrument :
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 VY1119SBS01

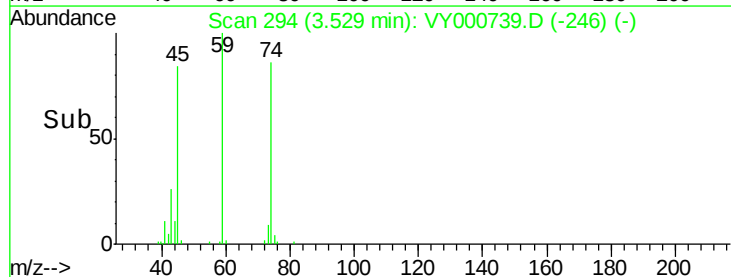
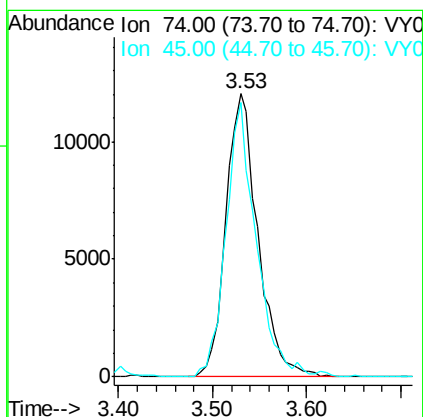
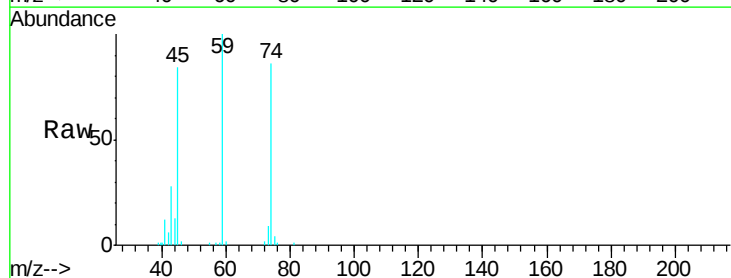
Tgt Ion:101 Resp: 74053
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.5 75.7

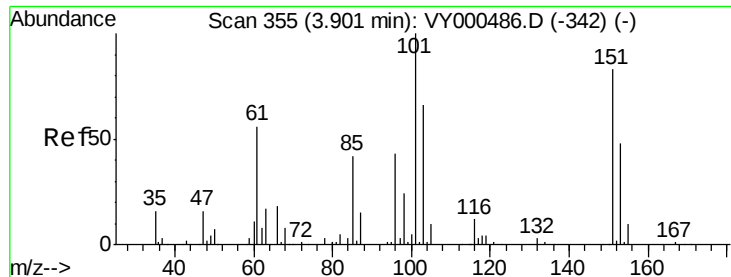


#8

Diethyl Ether
 Concen: 22.197 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion: 74 Resp: 28444
 Ion Ratio Lower Upper
 74 100
 45 91.3 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.327 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

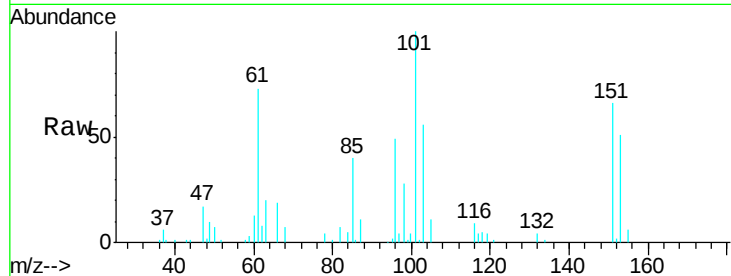
Tgt Ion:101 Resp: 44319

Ion Ratio Lower Upper

101 100

85 47.4 36.7 55.1

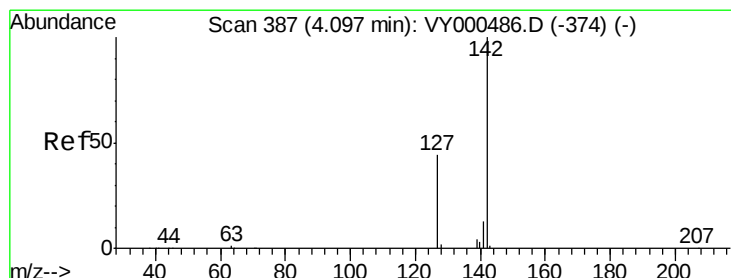
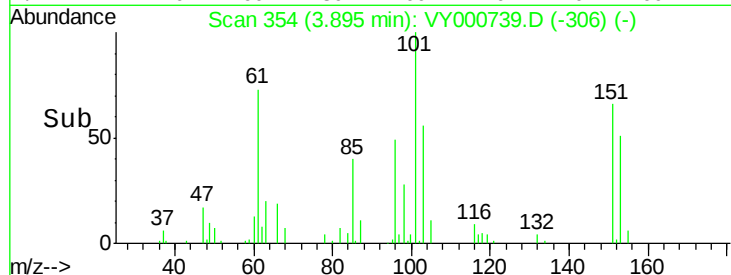
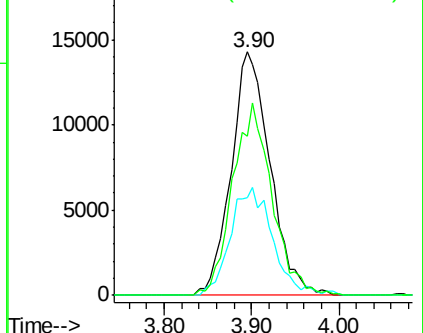
151 79.5 64.3 96.5



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: 19.182 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

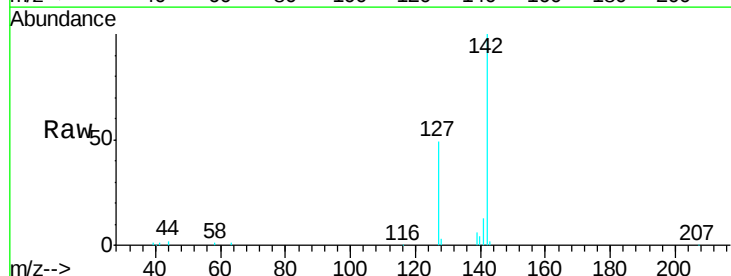
Tgt Ion:142 Resp: 49003

Ion Ratio Lower Upper

142 100

127 44.4 33.7 50.5

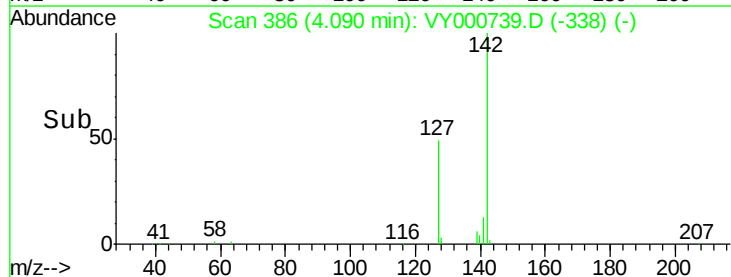
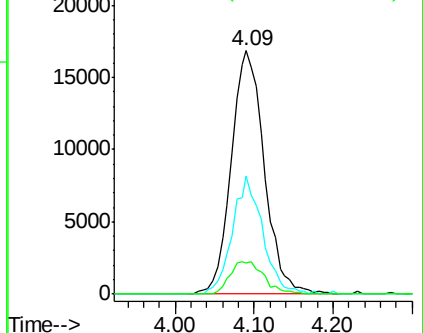
141 13.8 10.9 16.3

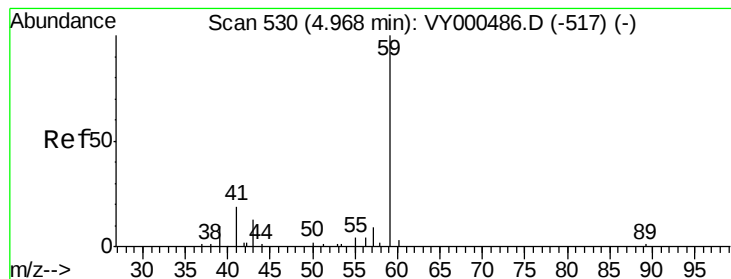


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



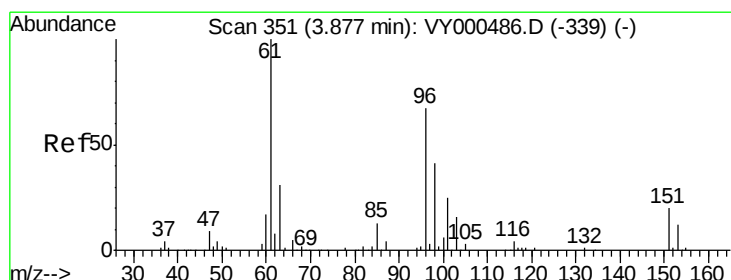
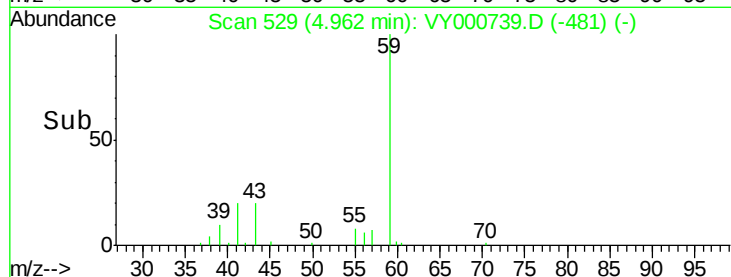
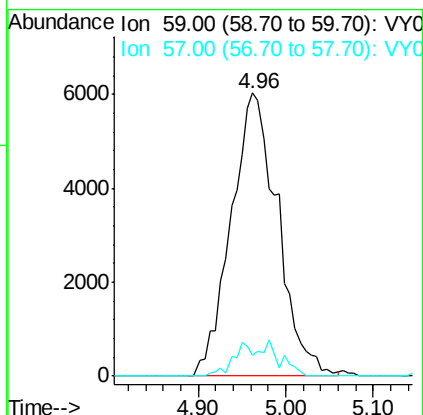
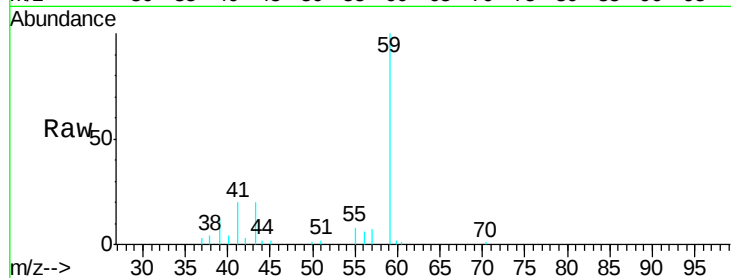


#11

Tert butyl alcohol
 Concen: 104.708 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

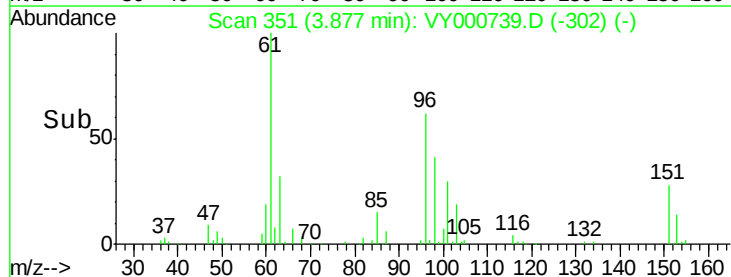
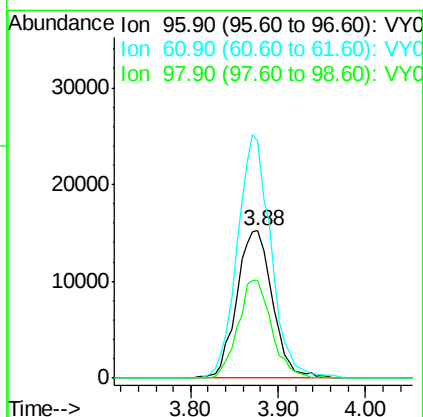
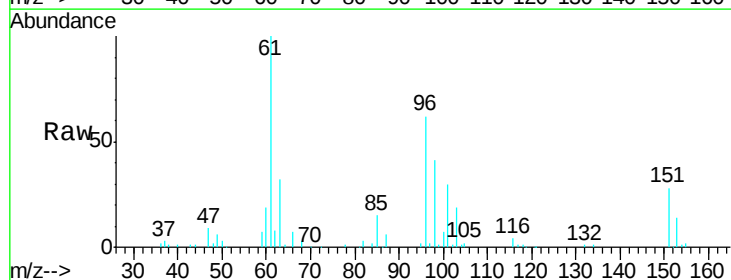
Tgt Ion: 59 Resp: 22369
 Ion Ratio Lower Upper
 59 100
 57 4.9 8.6 12.8#

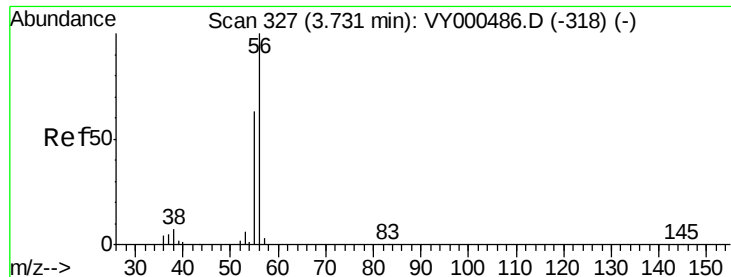


#12

1,1-Dichloroethene
 Concen: 20.409 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion: 96 Resp: 43233
 Ion Ratio Lower Upper
 96 100
 61 161.2 119.2 178.8
 98 66.1 48.6 73.0





#13

Acrolein

Concen: 74.509 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

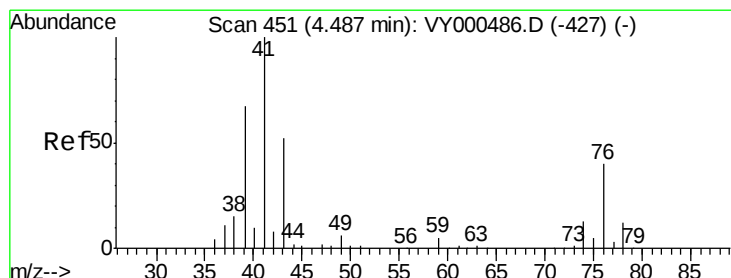
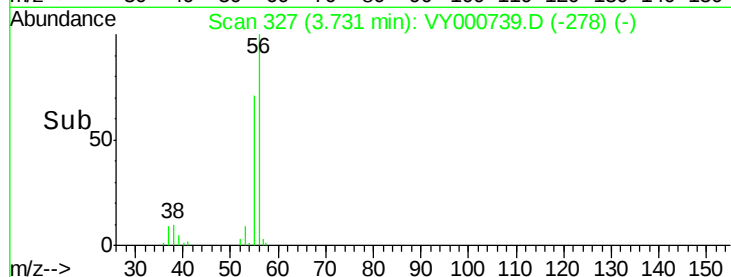
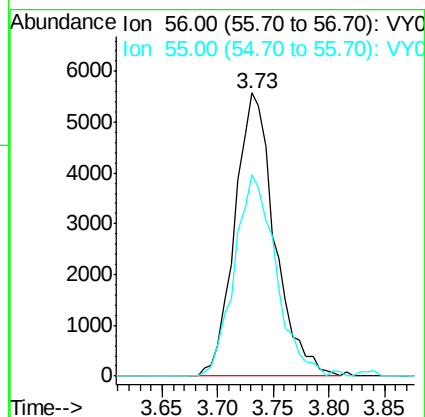
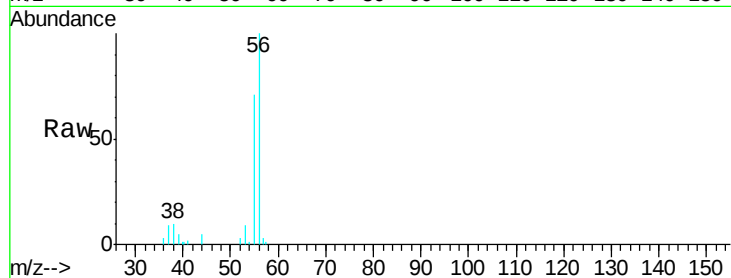
VY1119SBS01

Tgt Ion: 56 Resp: 13865

Ion Ratio Lower Upper

56 100

55 74.3 57.0 85.6



#14

Allyl chloride

Concen: 21.365 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

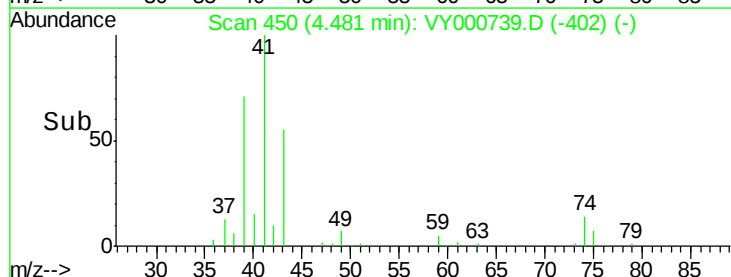
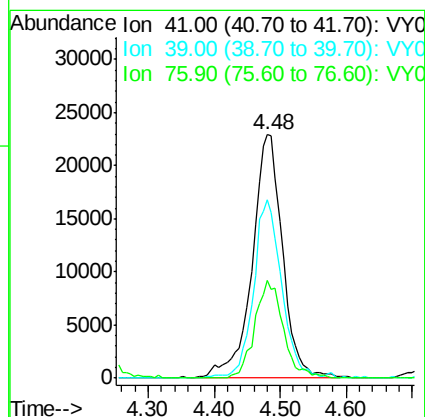
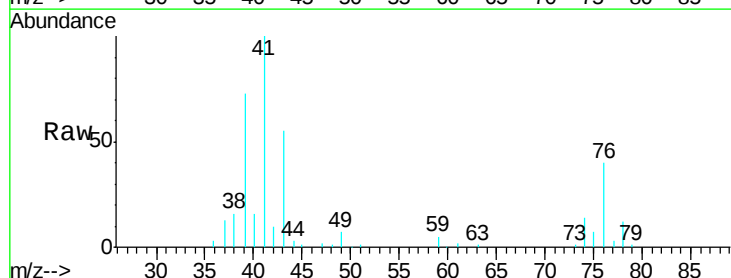
Tgt Ion: 41 Resp: 73590

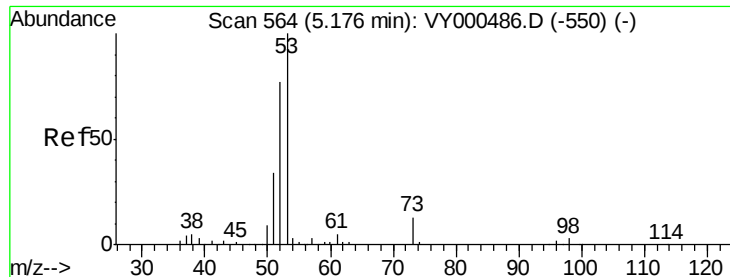
Ion Ratio Lower Upper

41 100

39 67.6 53.6 80.4

76 37.2 29.8 44.6





#15

Acrylonitrile

Concen: 108.737 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

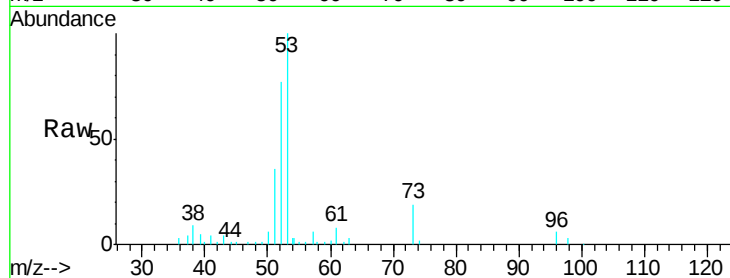
Tgt Ion: 53 Resp: 71380

Ion Ratio Lower Upper

53 100

52 79.9 64.9 97.3

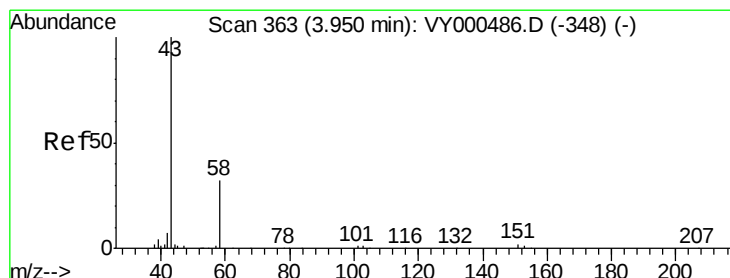
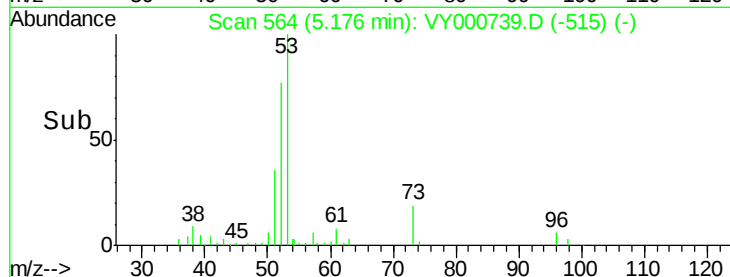
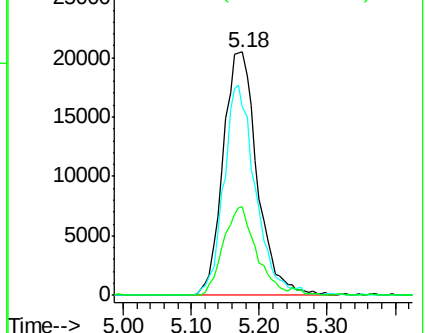
51 34.8 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 90.972 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY000739.D

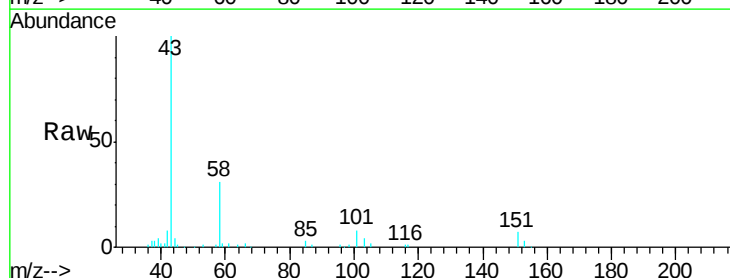
Acq: 19 Nov 2019 12:41

Tgt Ion: 43 Resp: 55025

Ion Ratio Lower Upper

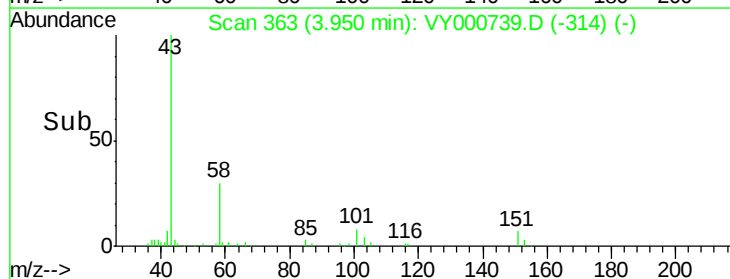
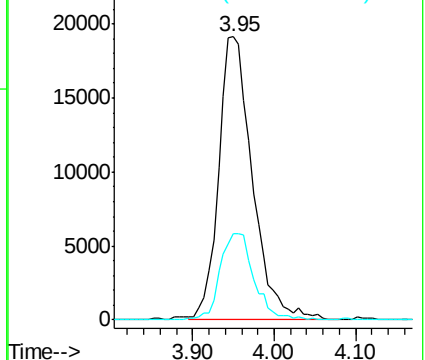
43 100

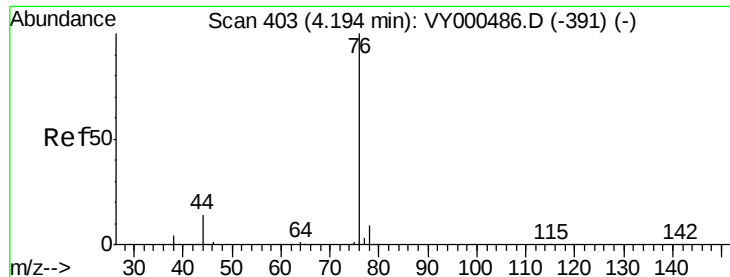
58 30.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 18.768 ug/l

RT: 4.19 min Scan# 402

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

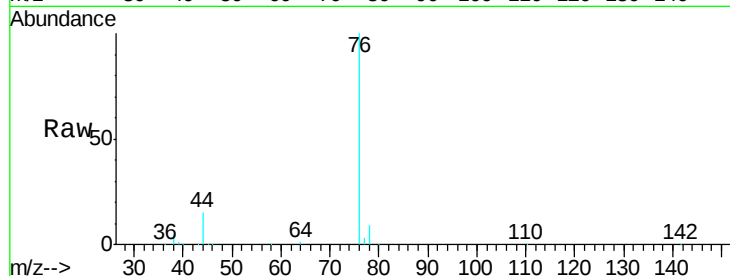
VY1119SBS01

Tgt Ion: 76 Resp: 125394

Ion Ratio Lower Upper

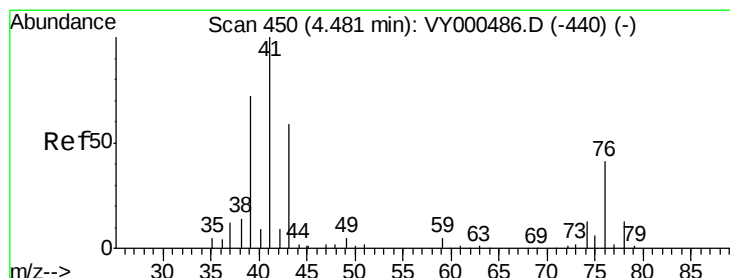
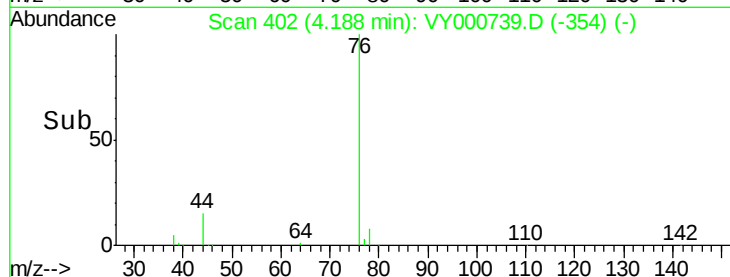
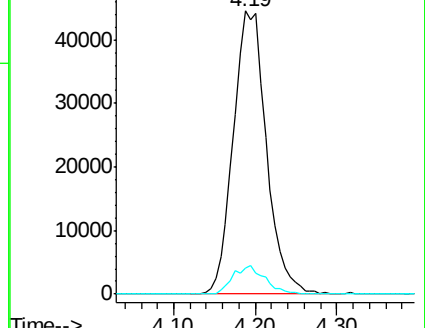
76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VY000739.D (-354) (-)

Ion 77.90 (77.60 to 78.60): VY000739.D (-354) (-)



#18

Methyl Acetate

Concen: 20.895 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000739.D

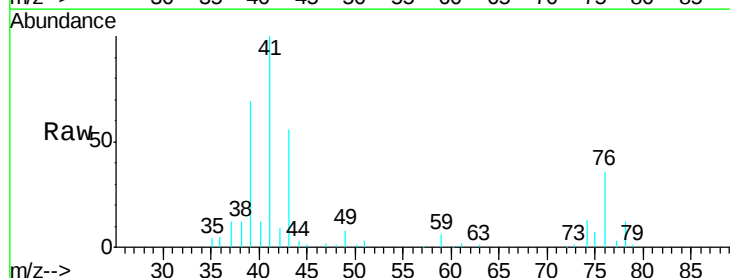
Acq: 19 Nov 2019 12:41

Tgt Ion: 43 Resp: 39297

Ion Ratio Lower Upper

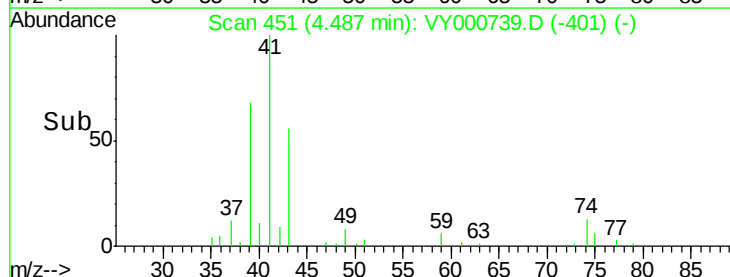
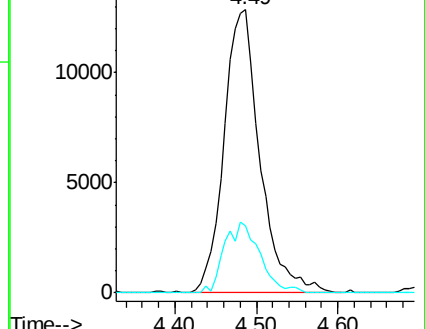
43 100

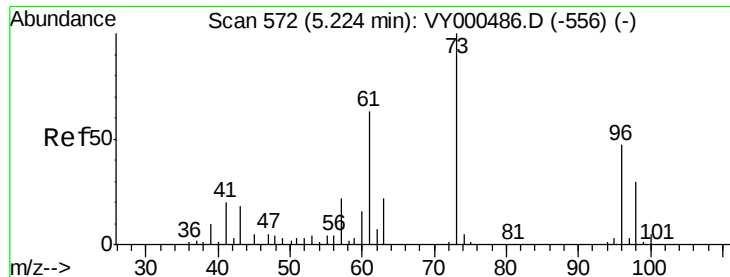
74 24.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY000739.D (-401) (-)

Ion 74.00 (73.70 to 74.70): VY000739.D (-401) (-)

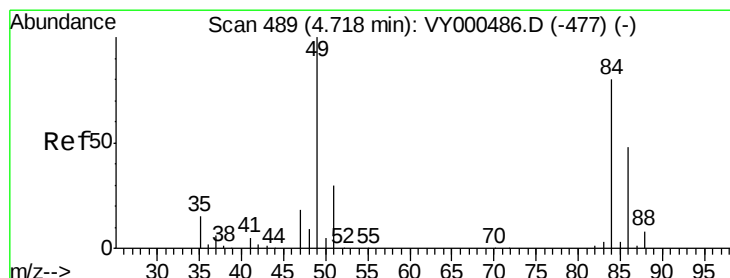
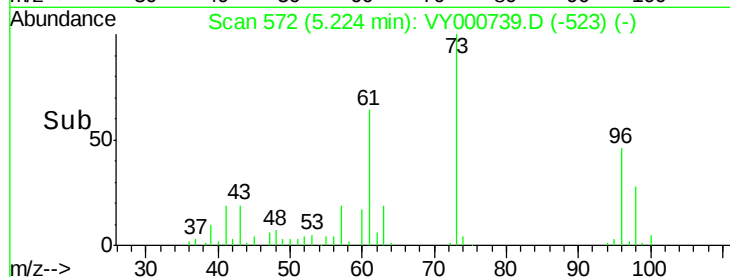
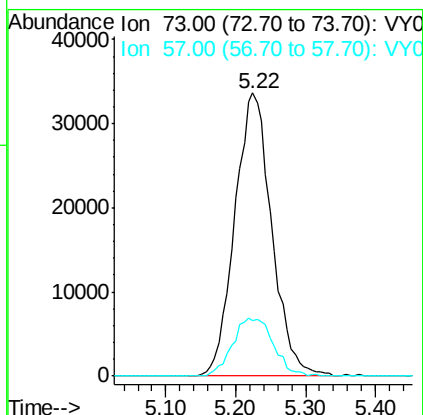
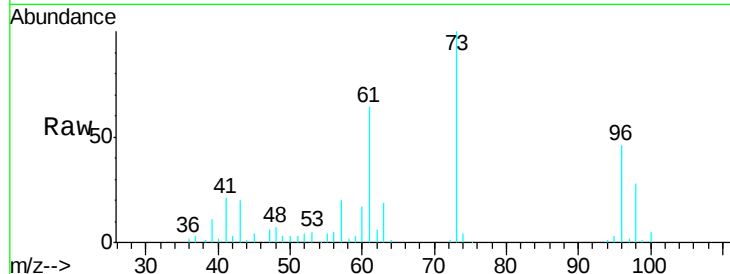




#19
Methyl tert-butyl Ether
Concen: 20.940 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

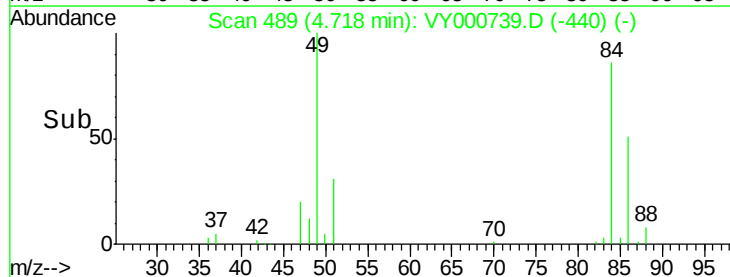
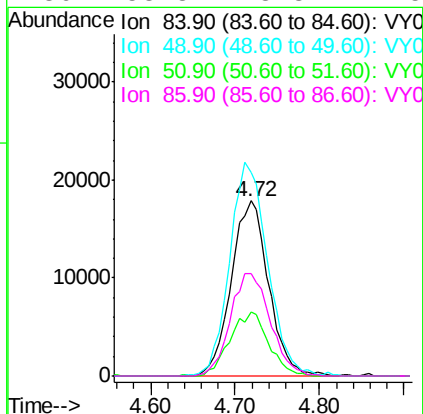
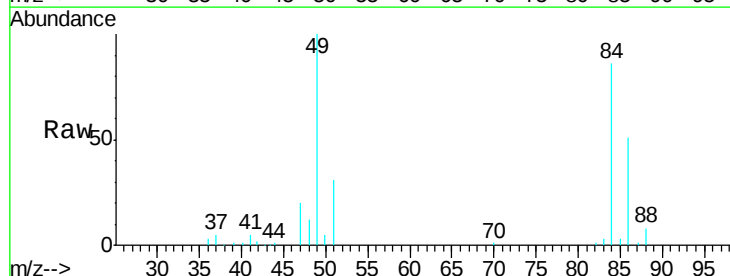
Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

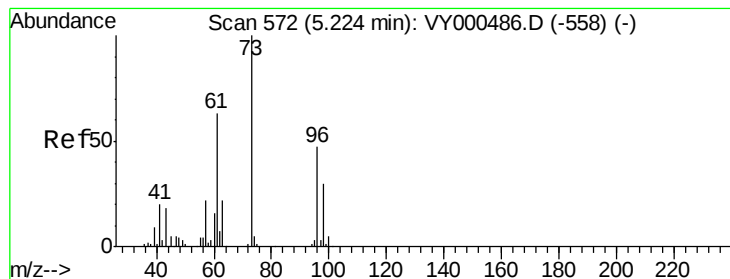
Tgt Ion: 73 Resp: 123332
Ion Ratio Lower Upper
73 100
57 19.7 17.4 26.0



#20
Methylene Chloride
Concen: 20.671 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 84 Resp: 53575
Ion Ratio Lower Upper
84 100
49 116.0 100.2 150.4
51 36.5 29.6 44.4
86 58.8 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 21.078 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

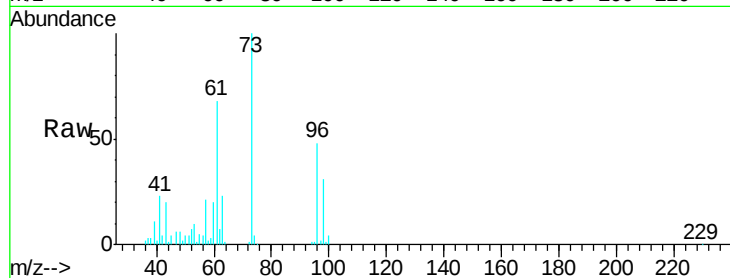
Tgt Ion: 96 Resp: 50478

Ion Ratio Lower Upper

96 100

61 140.2 106.6 160.0

98 65.2 50.6 76.0

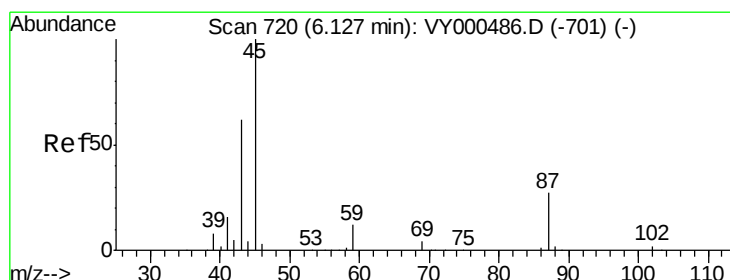
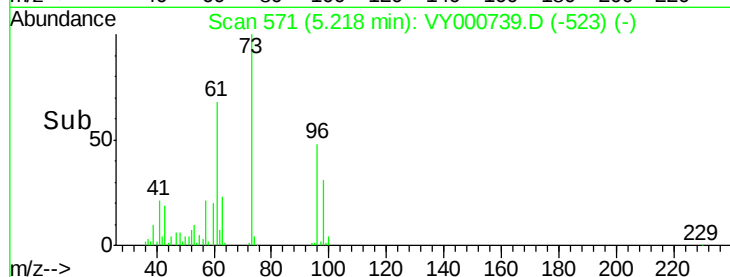
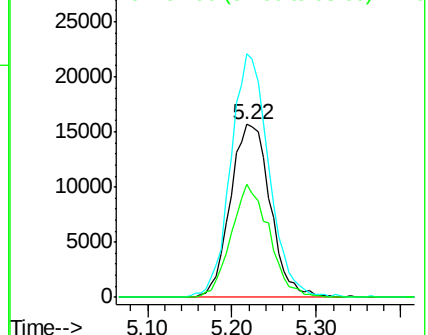


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.622 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Tgt Ion: 45 Resp: 161880

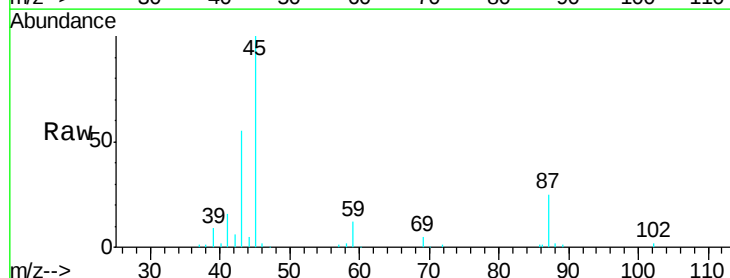
Ion Ratio Lower Upper

45 100

43 54.7 50.0 75.0

87 25.2 21.6 32.4

59 12.4 9.5 14.3



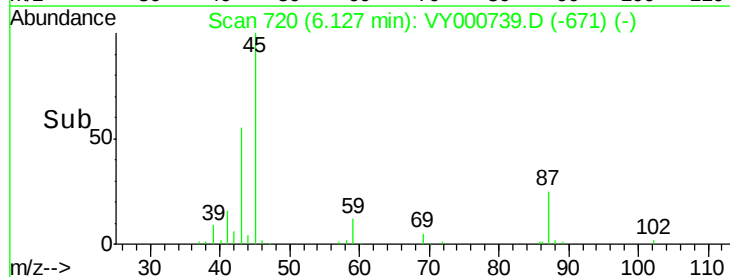
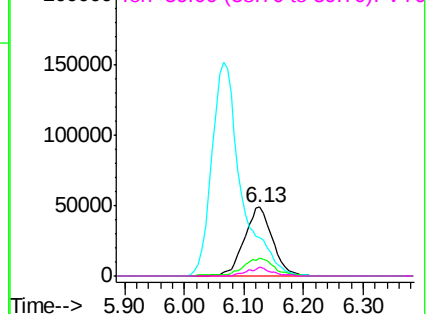
Abundance

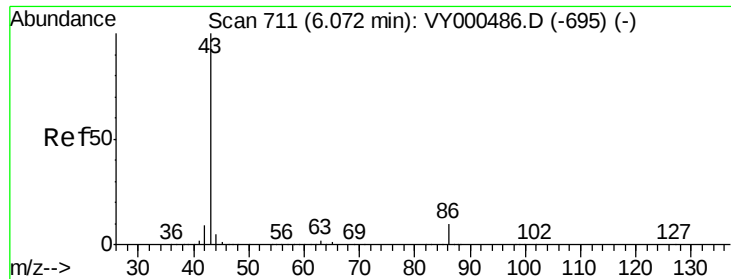
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 108.674 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

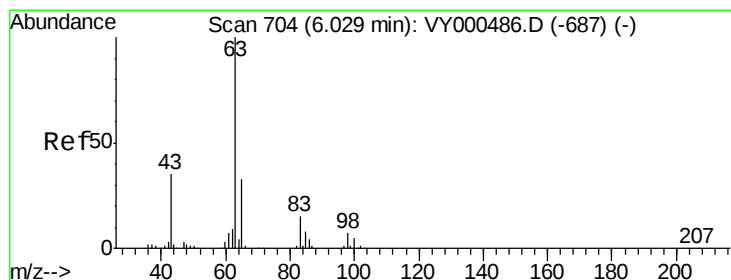
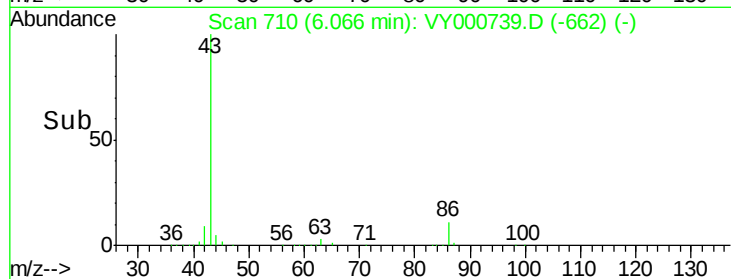
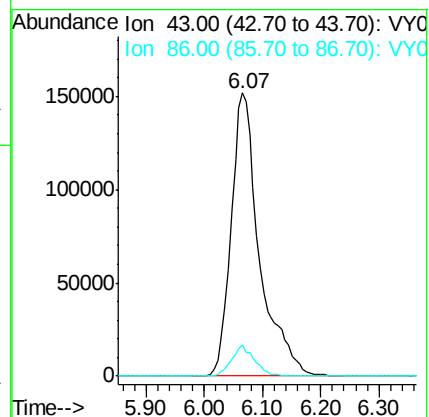
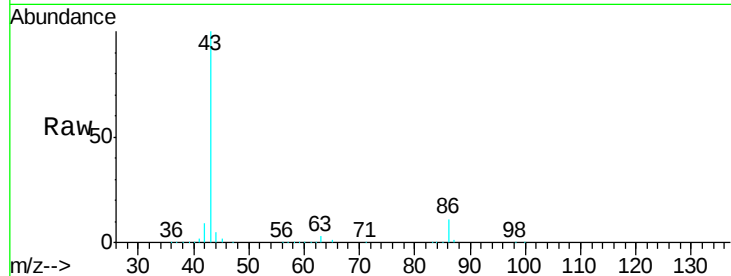
VY1119SBS01

Tgt Ion: 43 Resp: 513596

Ion Ratio Lower Upper

43 100

86 11.1 7.8 11.6



#24

1,1-Dichloroethane

Concen: 21.227 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

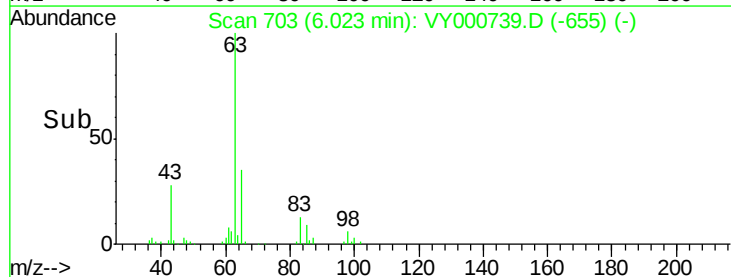
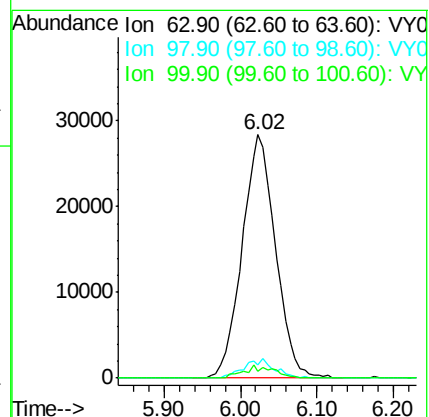
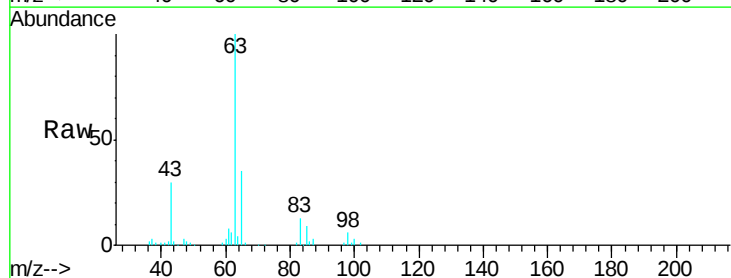
Tgt Ion: 63 Resp: 86093

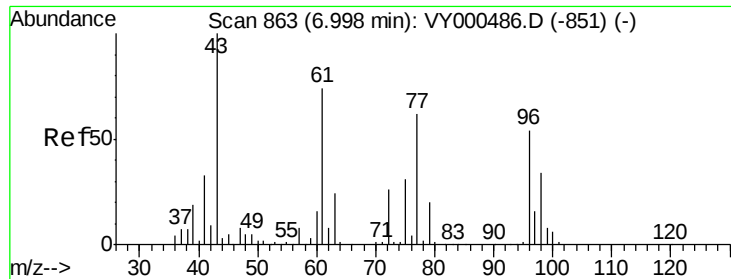
Ion Ratio Lower Upper

63 100

98 5.6 3.5 10.6

100 3.0 2.4 7.1

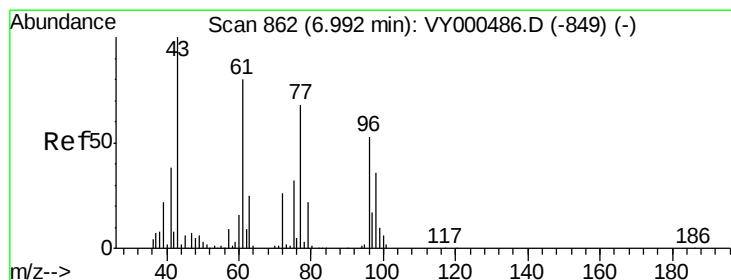
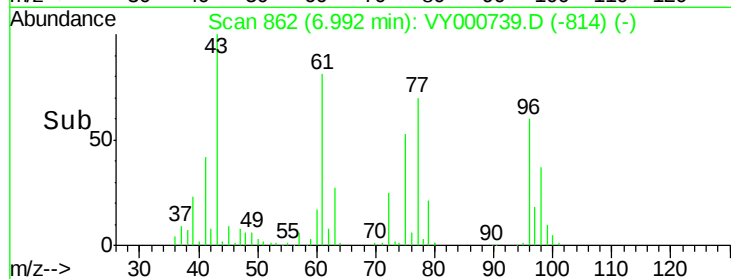
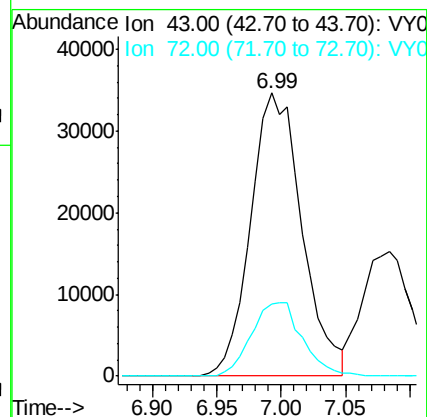
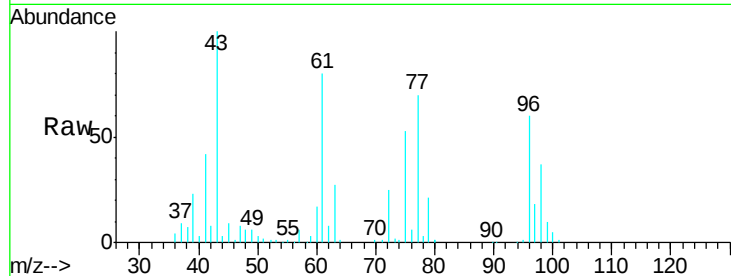




#25
2-Butanone
Concen: 99.193 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

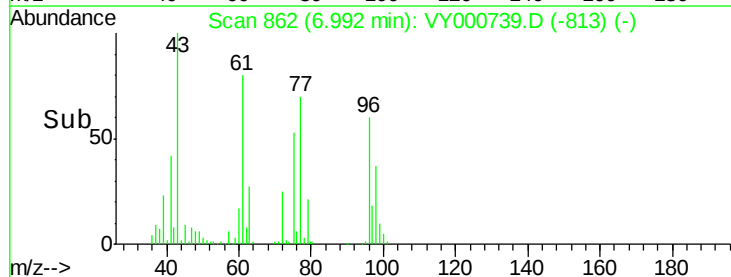
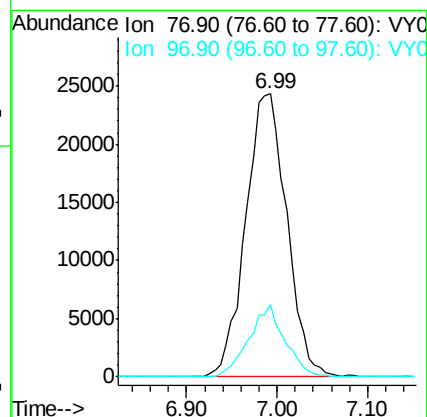
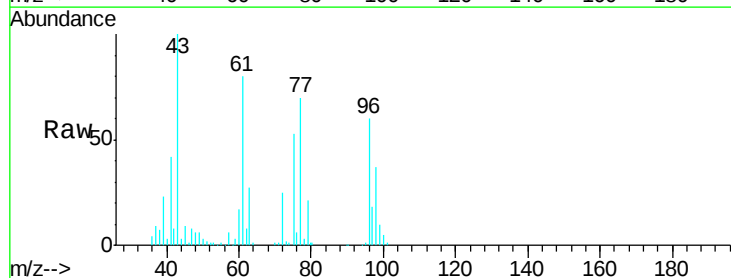
Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

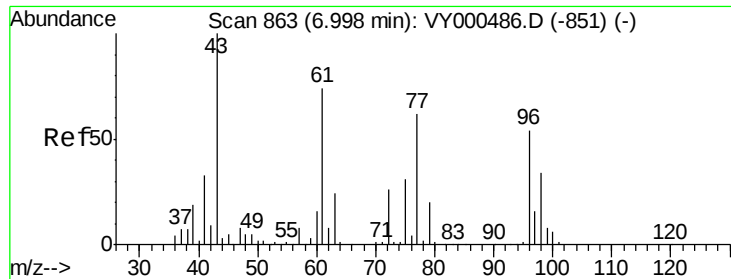
Tgt Ion: 43 Resp: 95753
Ion Ratio Lower Upper
43 100
72 25.3 20.9 31.3



#26
2,2-Dichloropropane
Concen: 20.597 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 77 Resp: 76343
Ion Ratio Lower Upper
77 100
97 22.3 11.8 35.4



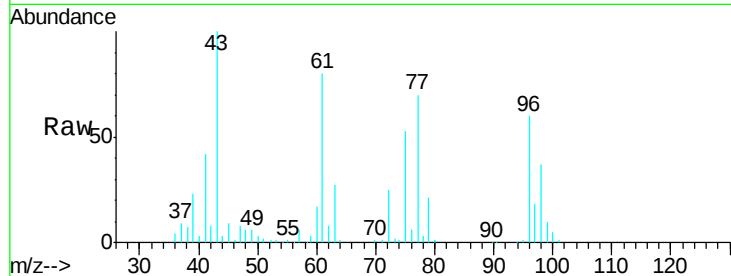


#27

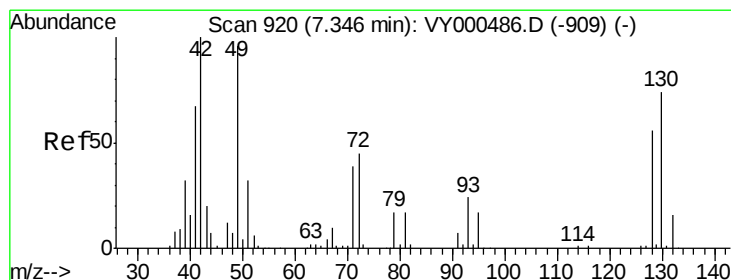
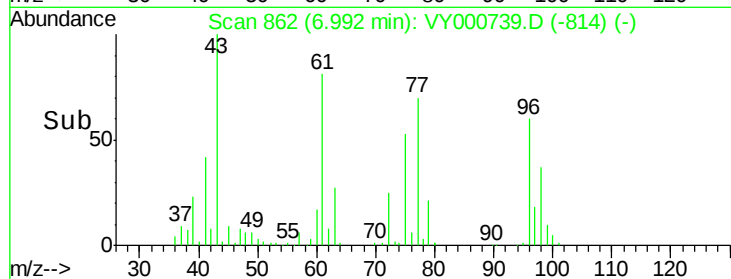
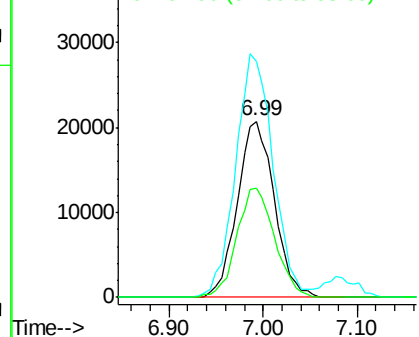
cis-1,2-Dichloroethene
Concen: 21.716 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tgt Ion: 96 Resp: 56866
Ion Ratio Lower Upper
96 100
61 140.5 0.0 287.0
98 63.3 0.0 129.4



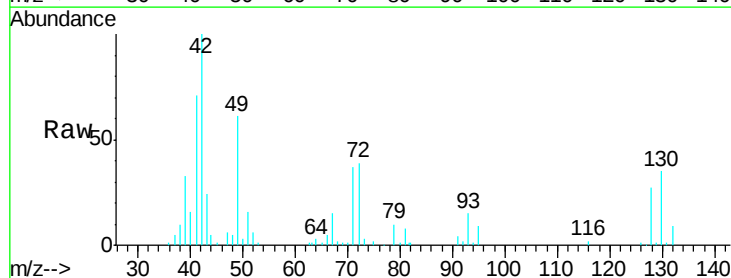
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



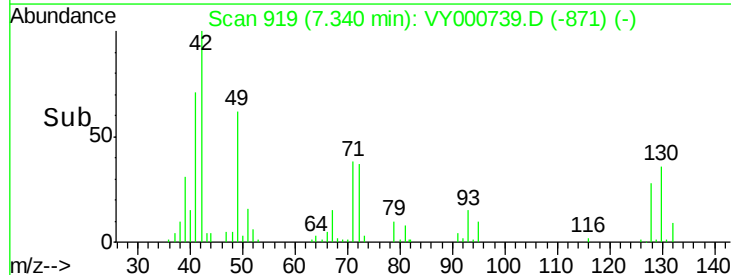
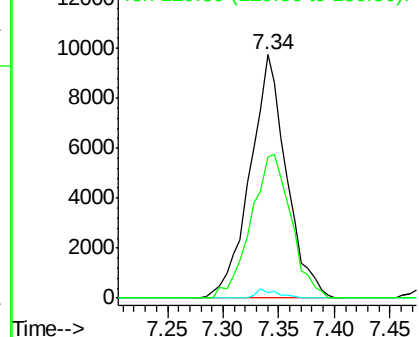
#28

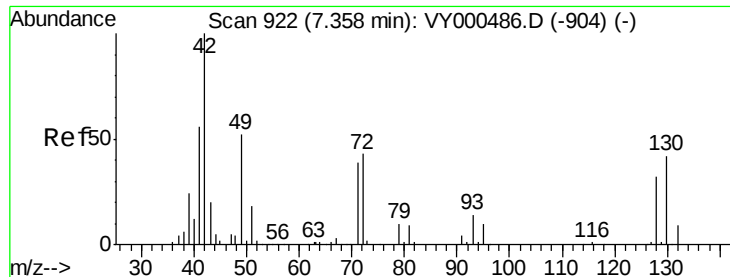
Bromochloromethane
Concen: 15.075 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 49 Resp: 22125
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.6
130 64.9 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

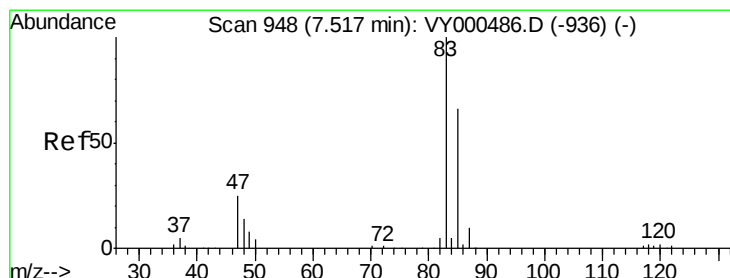
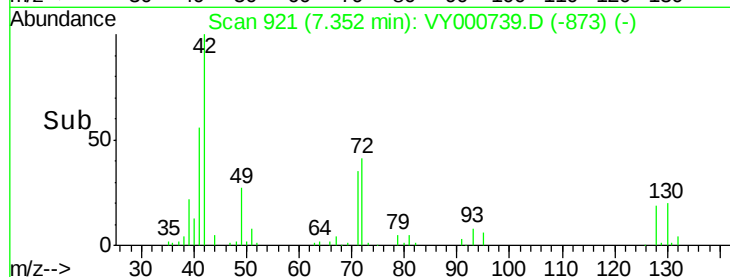
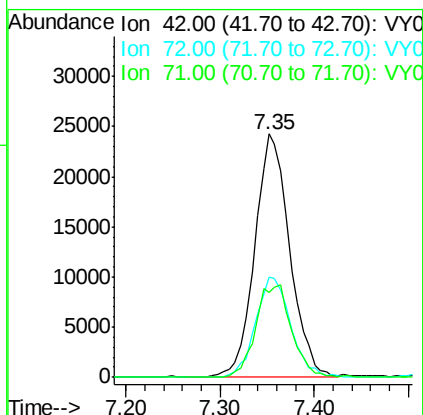
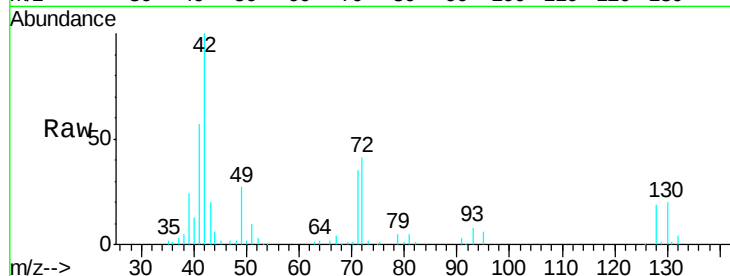




#29
Tetrahydrofuran
Concen: 107.137 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

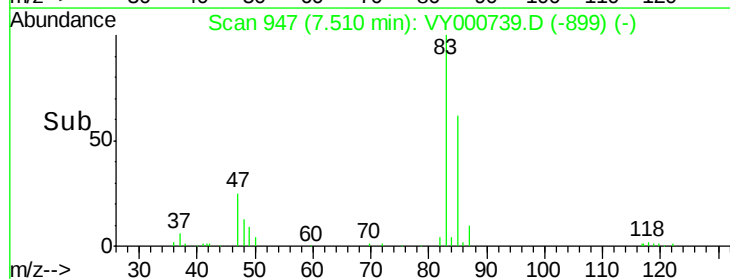
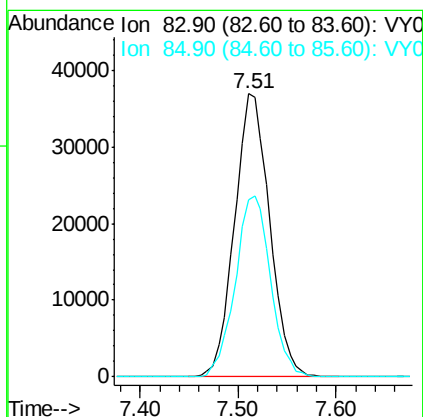
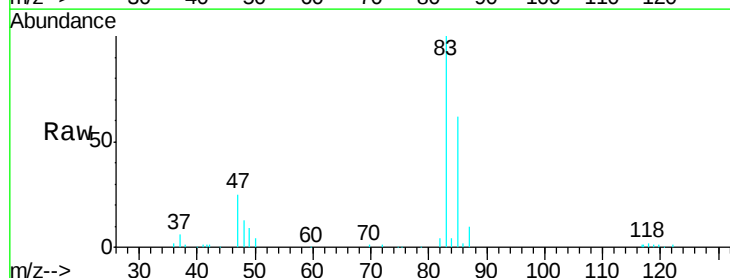
Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

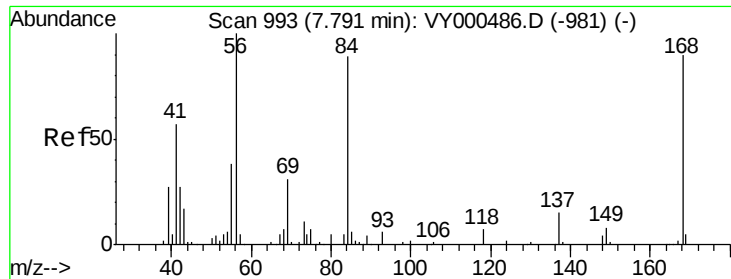
Tgt Ion: 42 Resp: 63269
Ion Ratio Lower Upper
42 100
72 41.5 34.0 51.0
71 38.7 30.8 46.2



#30
Chloroform
Concen: 22.393 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 83 Resp: 91877
Ion Ratio Lower Upper
83 100
85 62.4 53.0 79.4

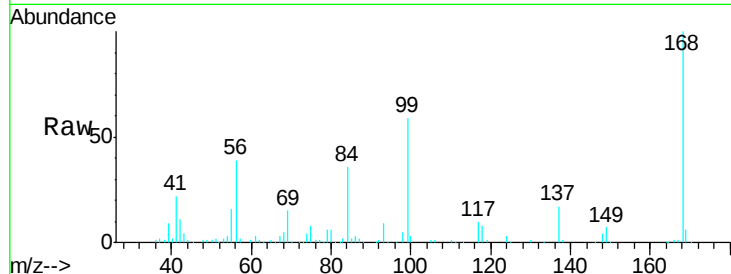




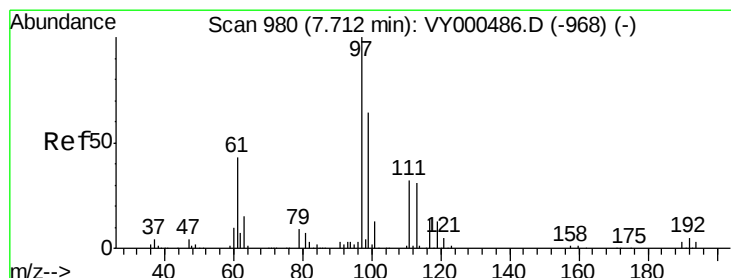
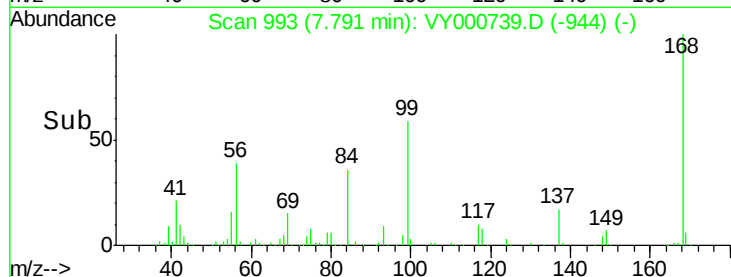
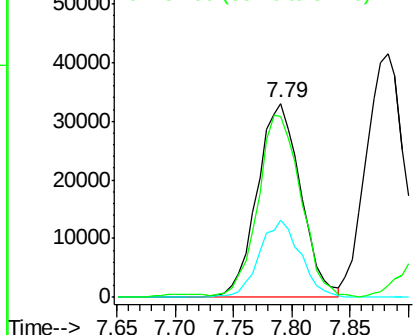
#31
Cyclohexane
Concen: 20.166 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tgt Ion: 56 Resp: 85667
Ion Ratio Lower Upper
56 100
69 39.6 25.0 37.6#
84 92.0 71.4 107.2

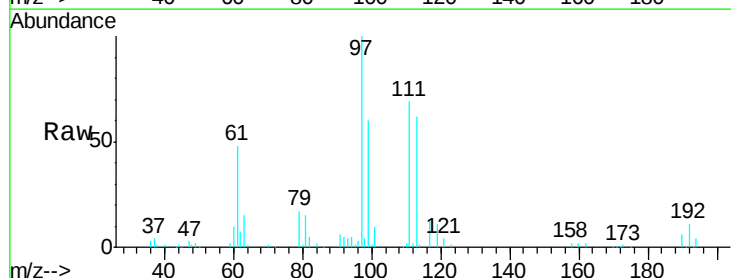


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

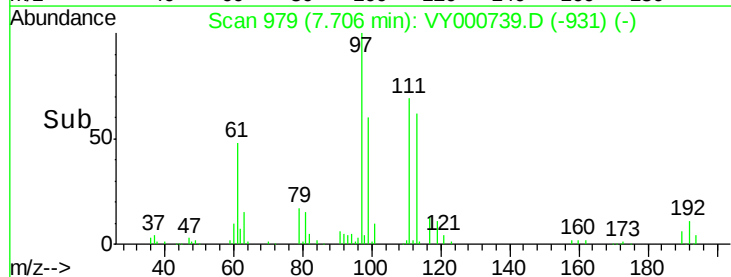
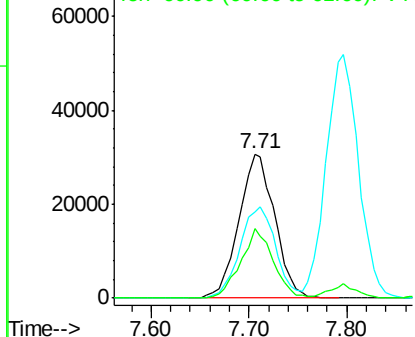


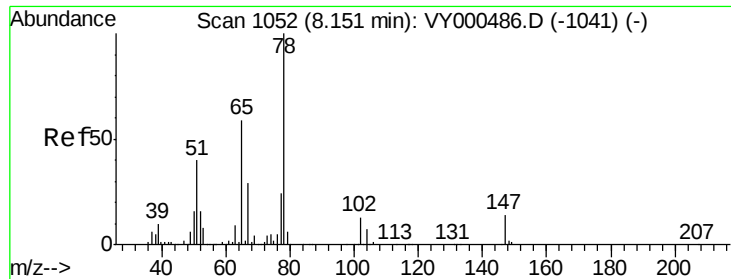
#32
1,1,1-Trichloroethane
Concen: 21.258 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 97 Resp: 77735
Ion Ratio Lower Upper
97 100
99 64.0 50.9 76.3
61 43.9 34.9 52.3



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





#33

1,2-Dichloroethane-d4

Concen: 55.098 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

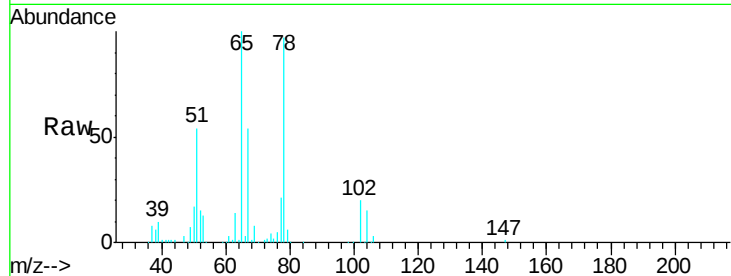
VY1119SBS01

Tgt Ion: 65 Resp: 120919

Ion Ratio Lower Upper

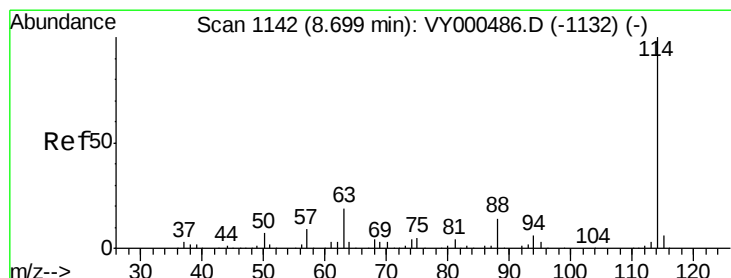
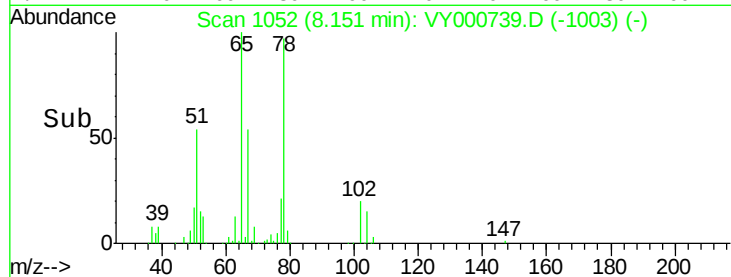
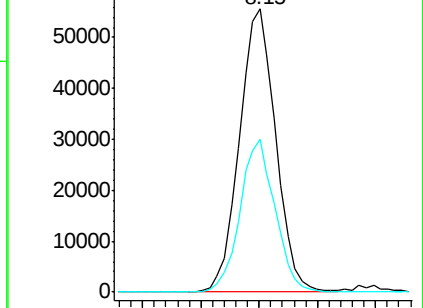
65 100

67 52.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

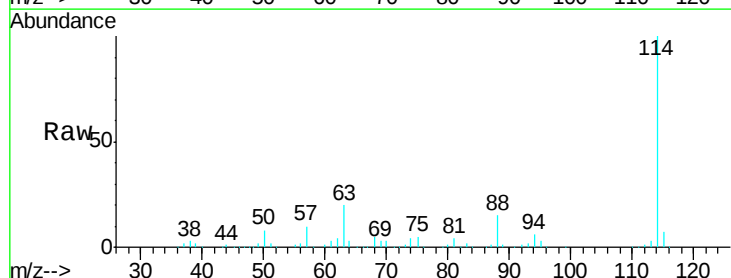
Tgt Ion: 114 Resp: 358805

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

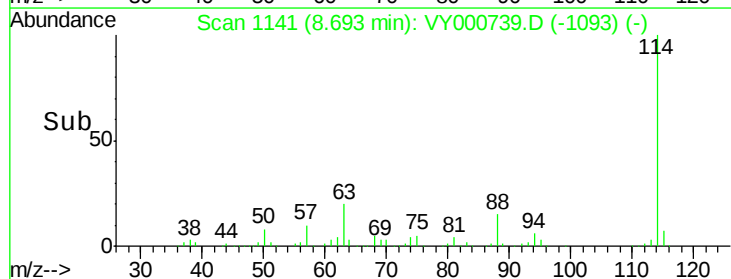
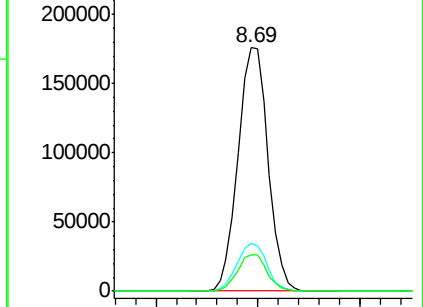
88 14.9 0.0 28.6

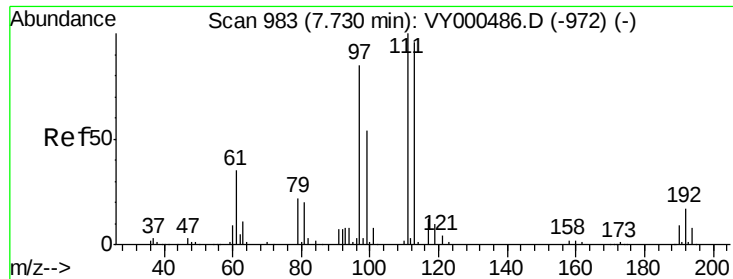


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

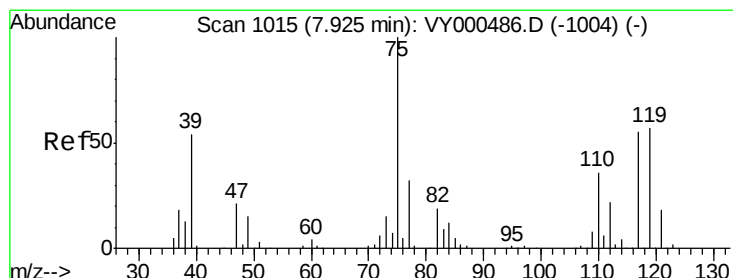
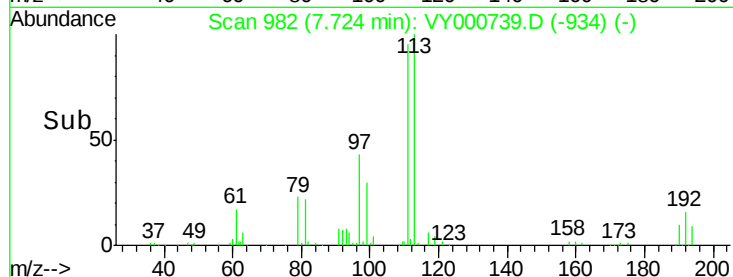
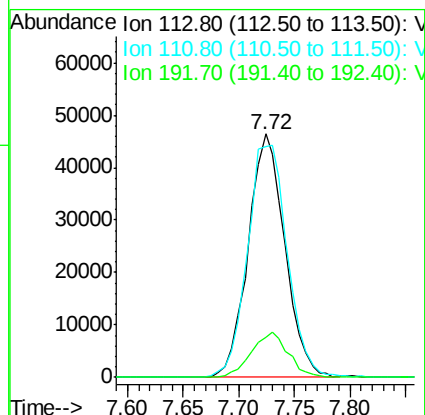
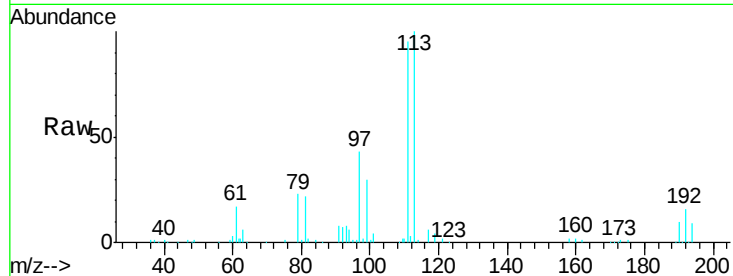




#35
 Dibromofluoromethane
 Concen: 50.541 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

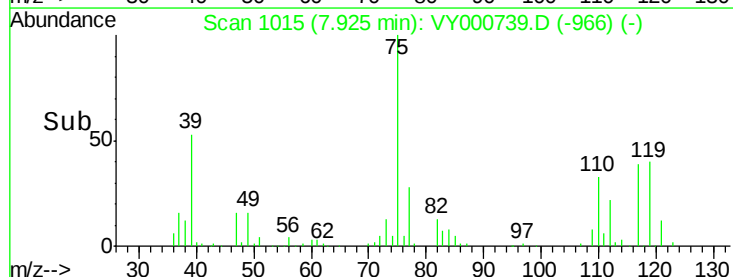
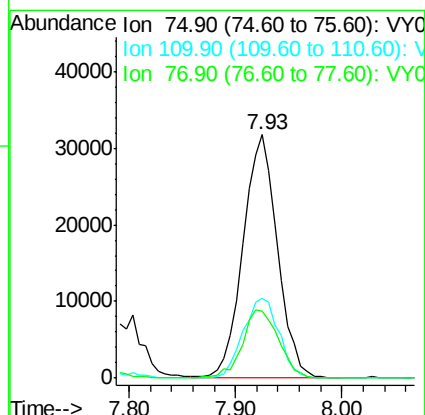
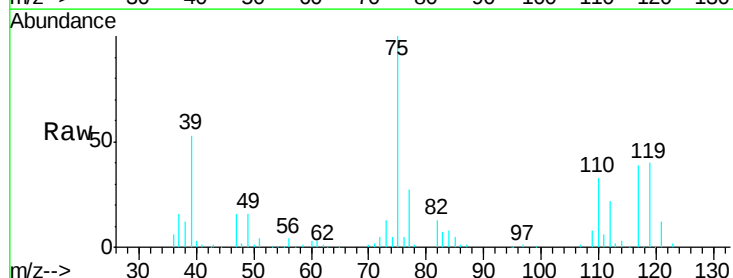
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

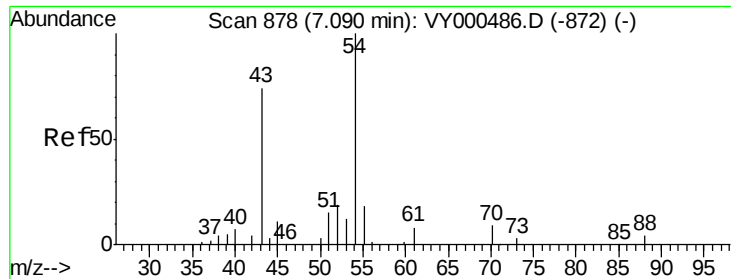
Tgt Ion:113 Resp: 106461
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.7 122.5
 192 18.7 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 21.307 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion: 75 Resp: 72273
 Ion Ratio Lower Upper
 75 100
 110 34.3 18.1 54.1
 77 29.6 25.0 37.6

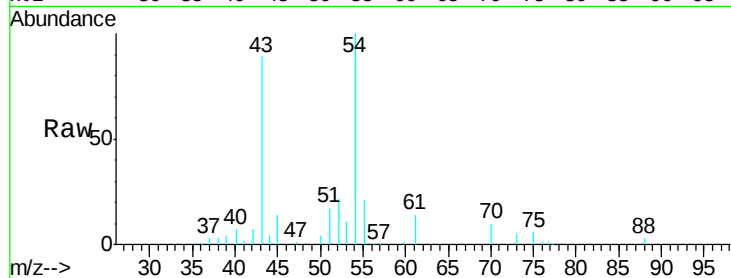




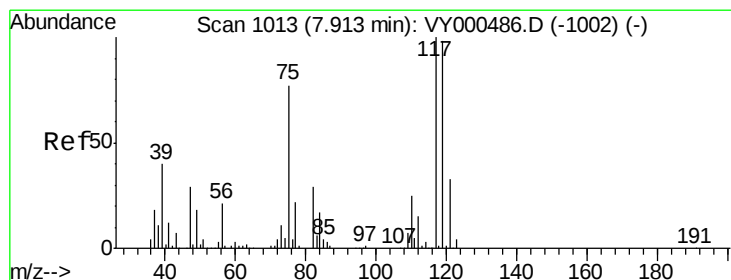
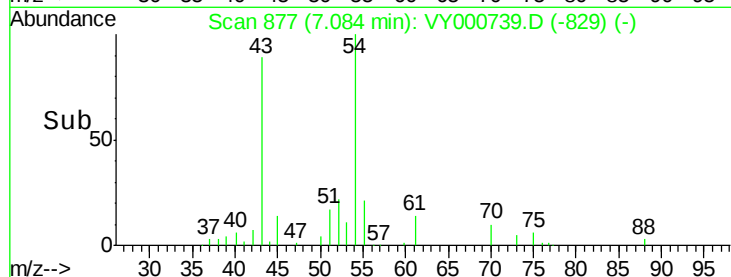
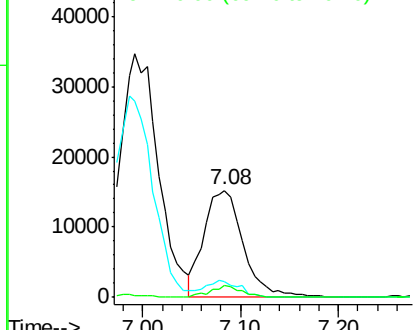
#37
Ethyl Acetate
Concen: 21.128 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tgt Ion: 43 Resp: 42548
Ion Ratio Lower Upper
43 100
61 13.5 10.2 15.2
70 8.7 7.8 11.8

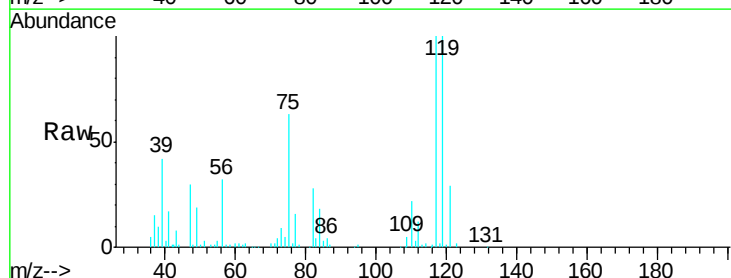


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

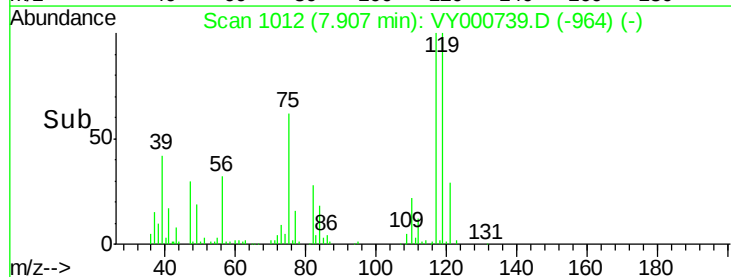
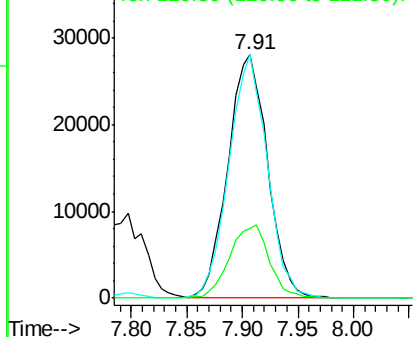


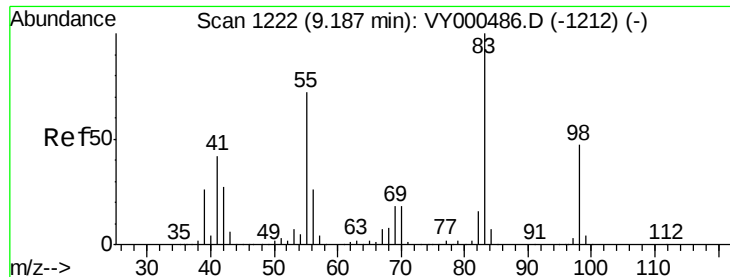
#38
Carbon Tetrachloride
Concen: 21.223 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 117 Resp: 69270
Ion Ratio Lower Upper
117 100
119 100.0 78.0 117.0
121 28.8 26.6 40.0



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

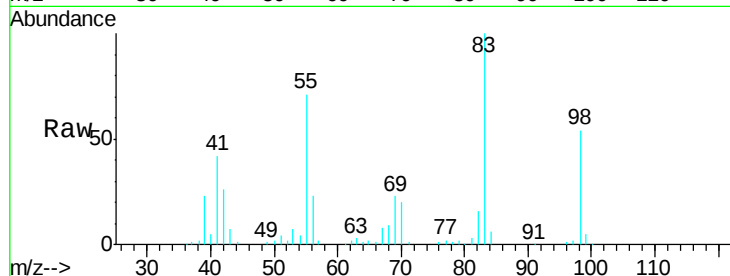




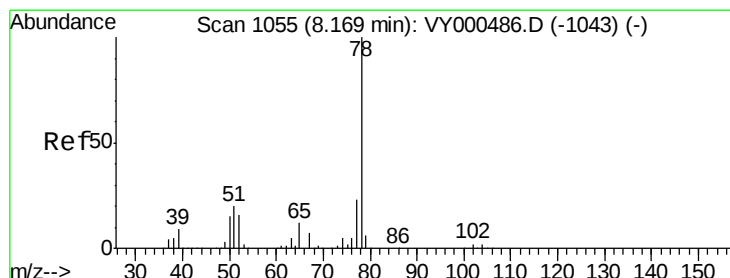
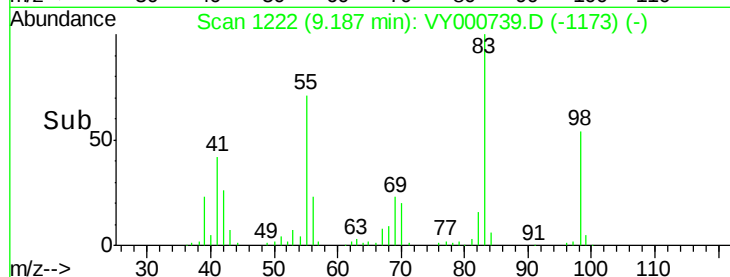
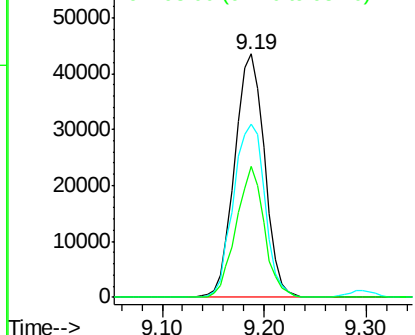
#39
Methylcyclohexane
Concen: 20.192 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tgt Ion: 83 Resp: 88486
Ion Ratio Lower Upper
83 100
55 71.0 57.5 86.3
98 53.6 38.0 57.0

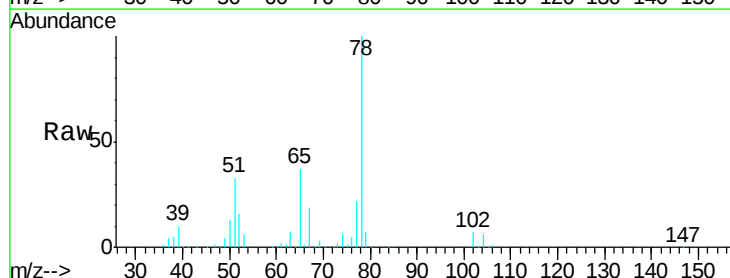


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

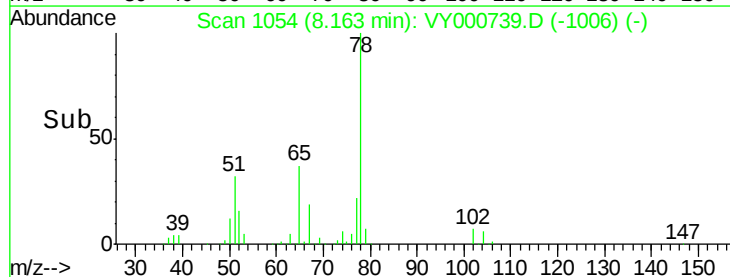
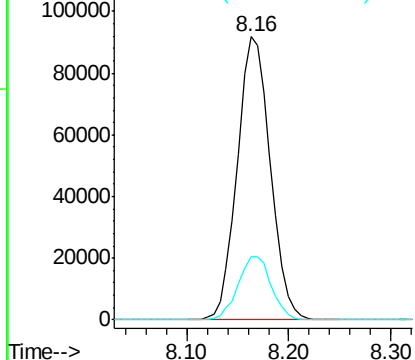


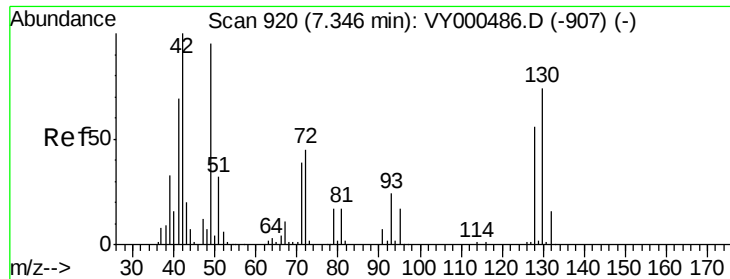
#40
Benzene
Concen: 20.732 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 78 Resp: 206166
Ion Ratio Lower Upper
78 100
77 22.3 18.6 28.0



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

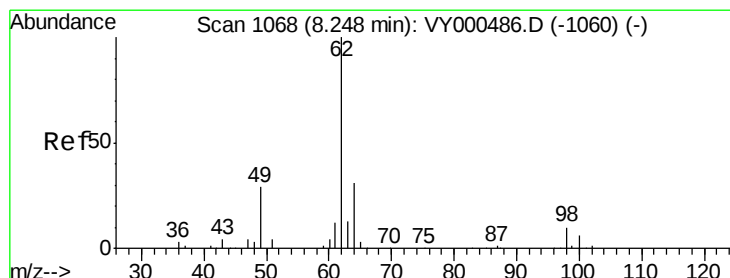
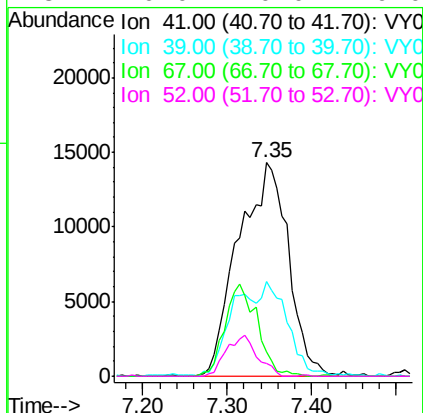
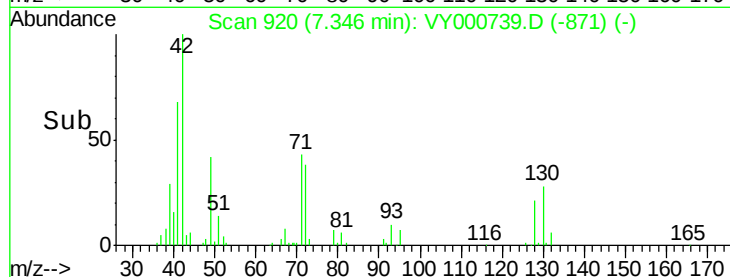
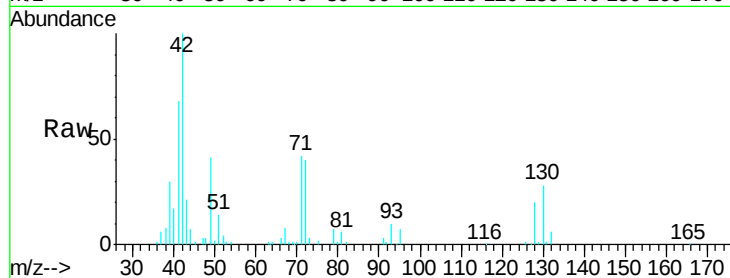




#41
Methacrylonitrile
Concen: 51.657 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

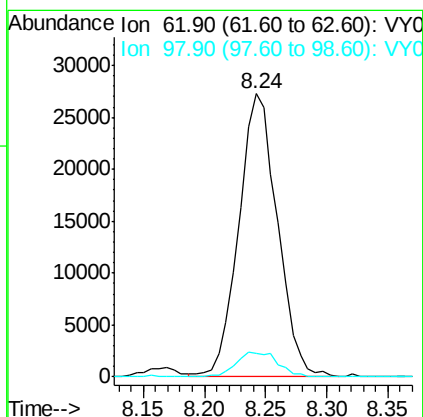
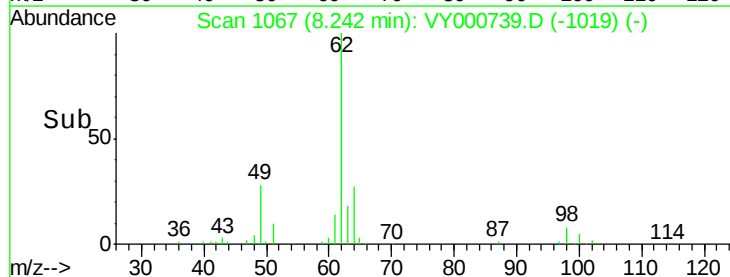
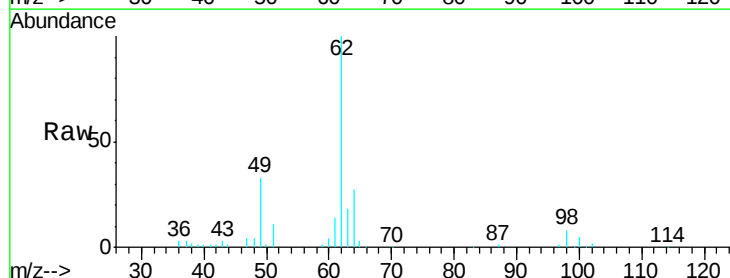
Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

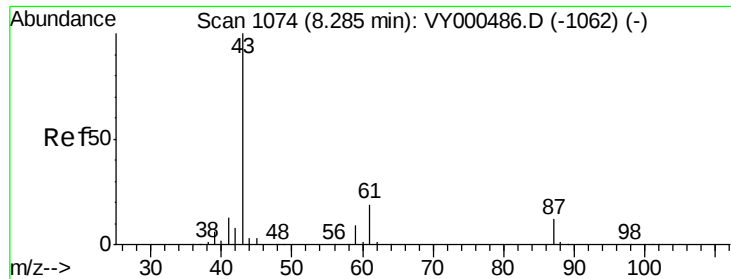
Tgt Ion: 41 Resp: 58033
Ion Ratio Lower Upper
41 100
39 0.0 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.173 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 62 Resp: 59718
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.2





#43

Isopropyl Acetate

Concen: 20.403 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

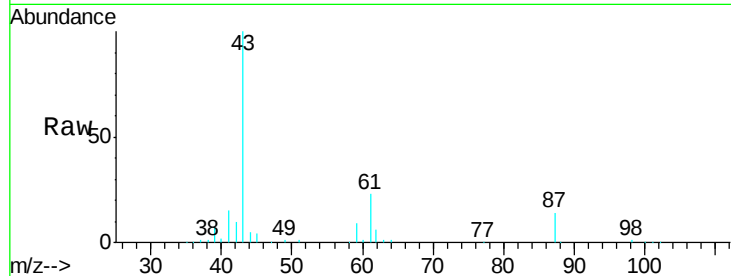
Tgt Ion: 43 Resp: 77183

Ion Ratio Lower Upper

43 100

61 28.9 23.0 34.4

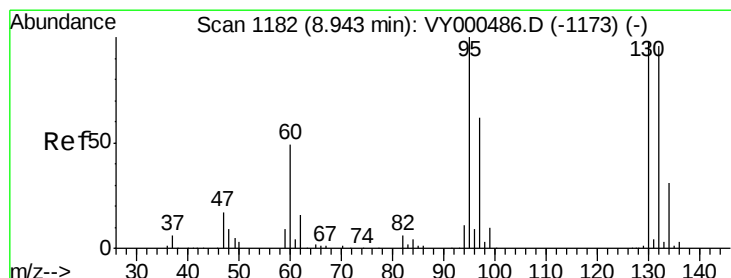
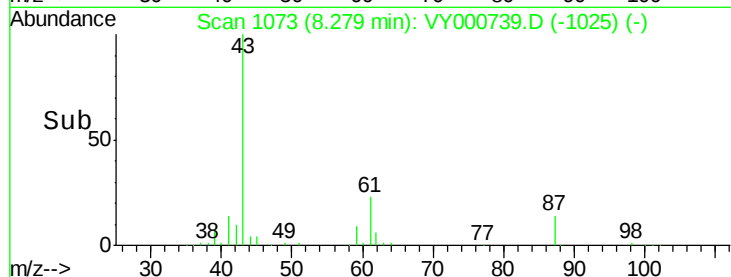
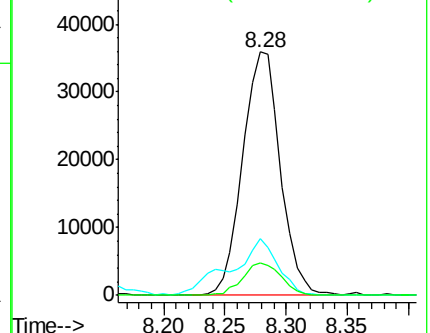
87 13.6 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000739.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000739.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000739.D (-1062) (-)



#44

Trichloroethene

Concen: 21.783 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000739.D

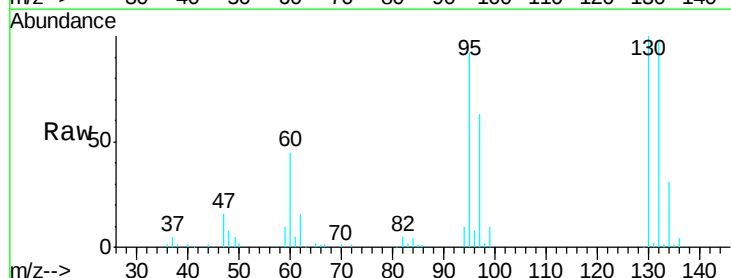
Acq: 19 Nov 2019 12:41

Tgt Ion: 130 Resp: 57114

Ion Ratio Lower Upper

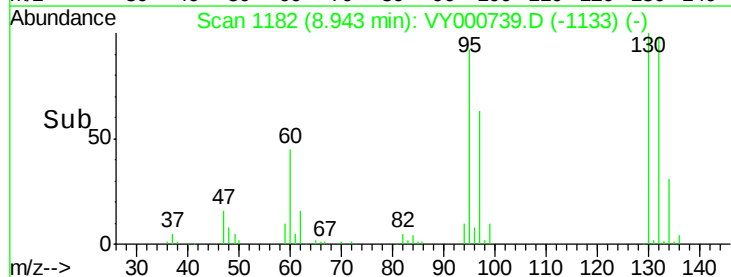
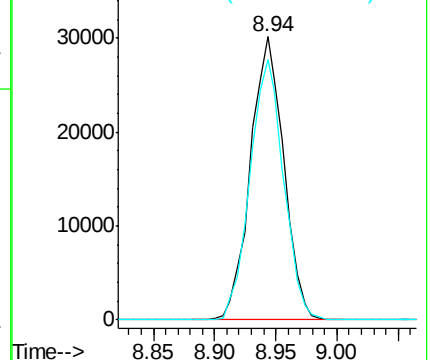
130 100

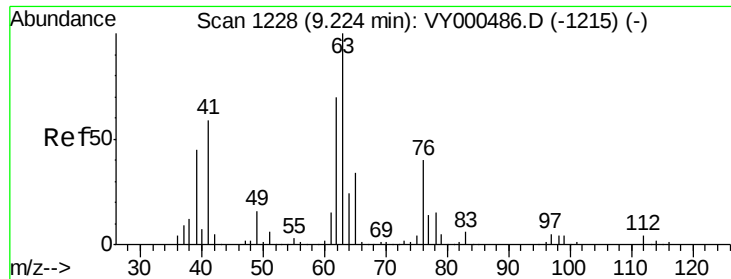
95 91.8 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000739.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY000739.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 20.925 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

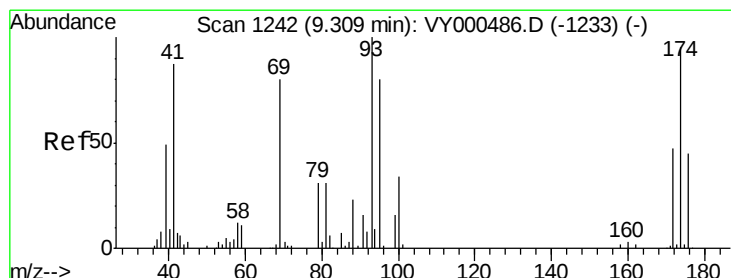
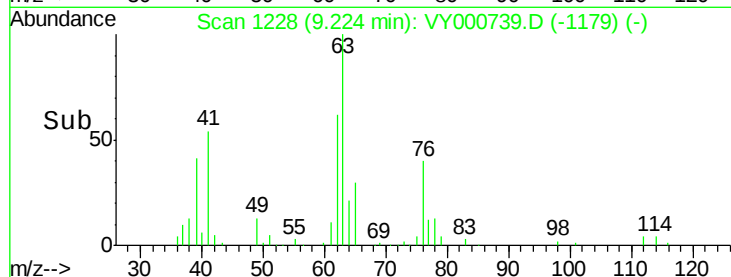
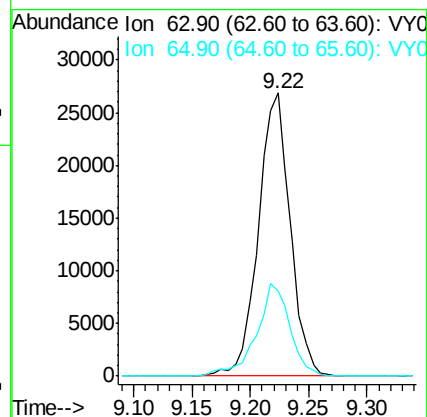
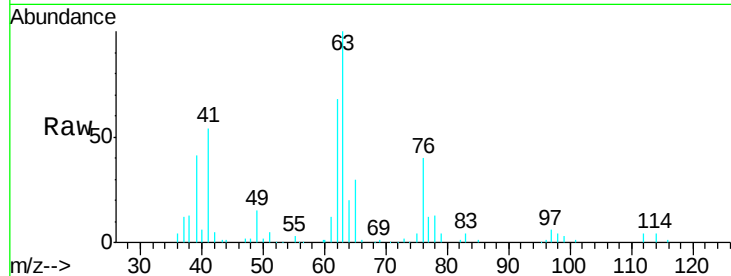
VY1119SBS01

Tgt Ion: 63 Resp: 51215

Ion Ratio Lower Upper

63 100

65 30.0 27.0 40.4



#46

Dibromomethane

Concen: 21.188 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

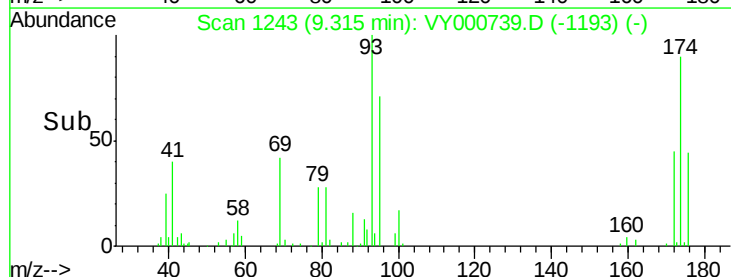
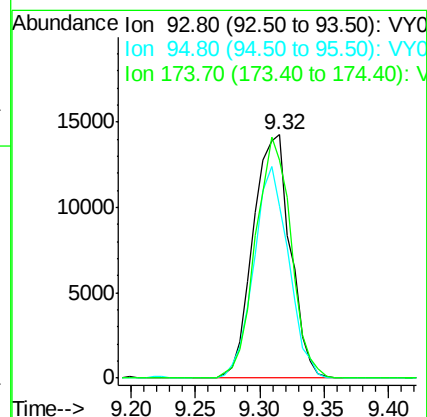
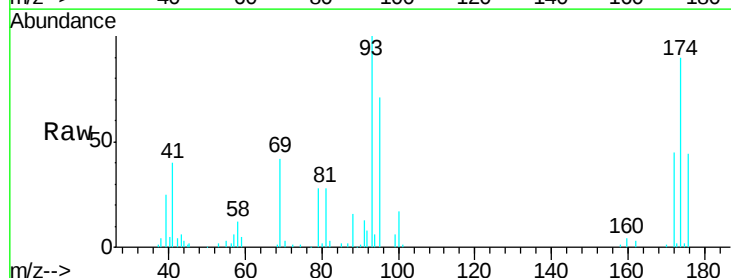
Tgt Ion: 93 Resp: 28520

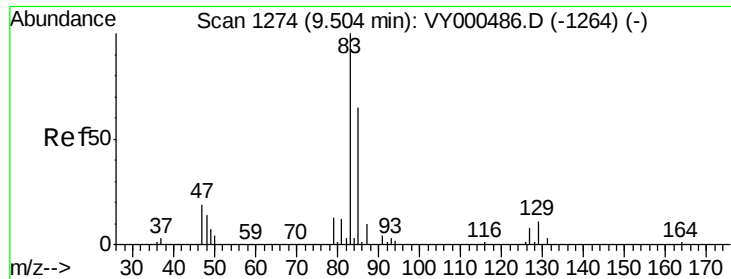
Ion Ratio Lower Upper

93 100

95 80.8 66.4 99.6

174 94.2 77.1 115.7





#47

Bromodichloromethane

Concen: 20.994 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

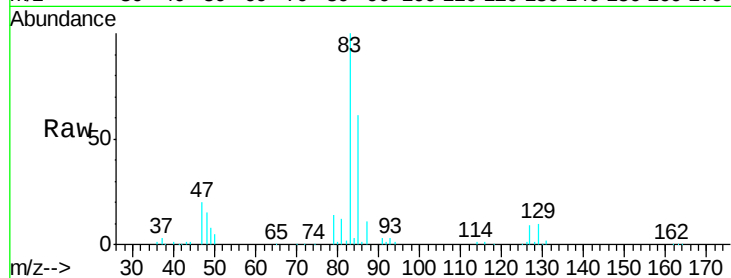
Tgt Ion: 83 Resp: 67052

Ion Ratio Lower Upper

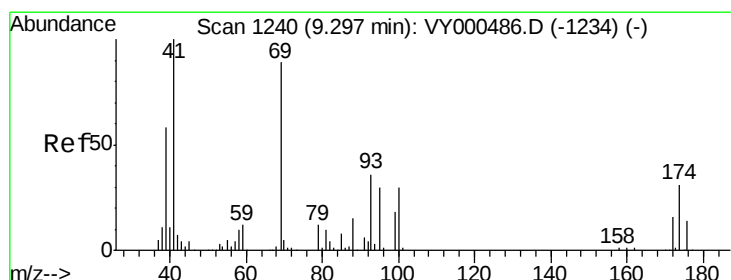
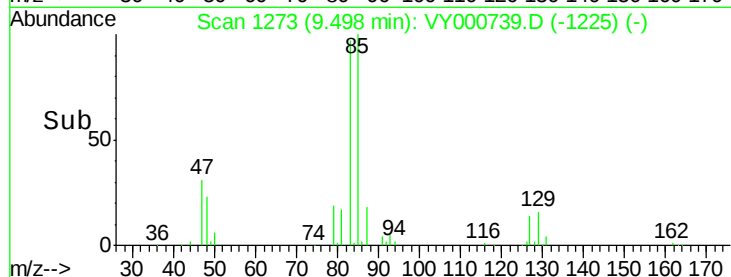
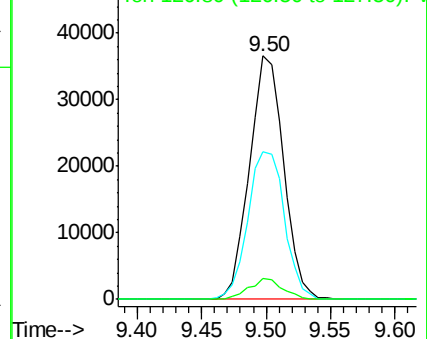
83 100

85 60.9 51.8 77.8

127 8.6 6.7 10.1



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



#48

Methyl methacrylate

Concen: 22.401 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

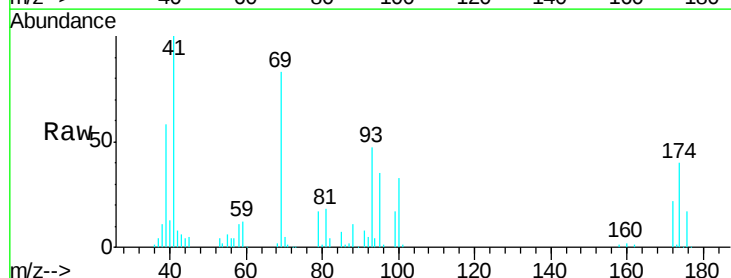
Tgt Ion: 41 Resp: 37026

Ion Ratio Lower Upper

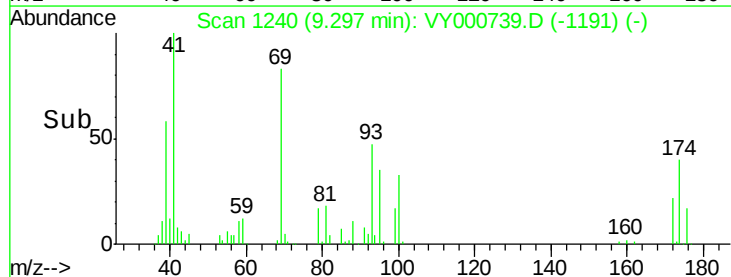
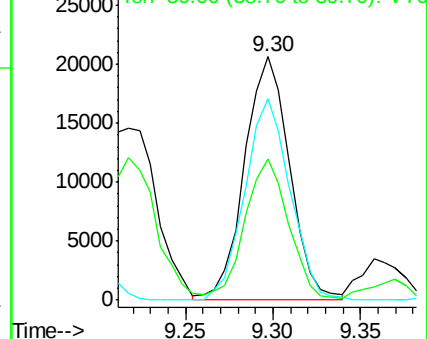
41 100

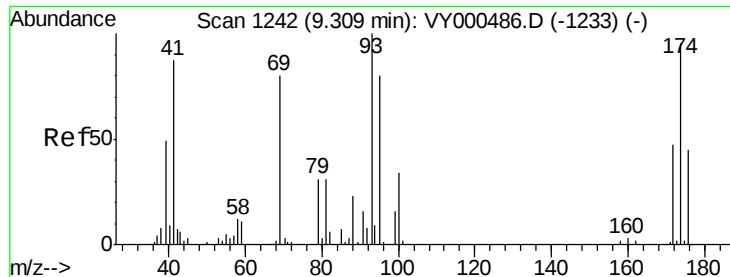
69 82.8 72.5 108.7

39 56.3 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: 399.211 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

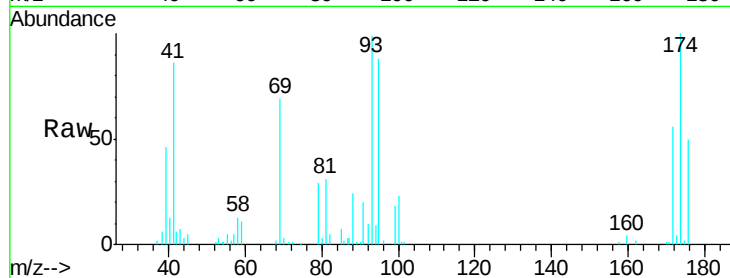
Tgt Ion: 88 Resp: 7232

Ion Ratio Lower Upper

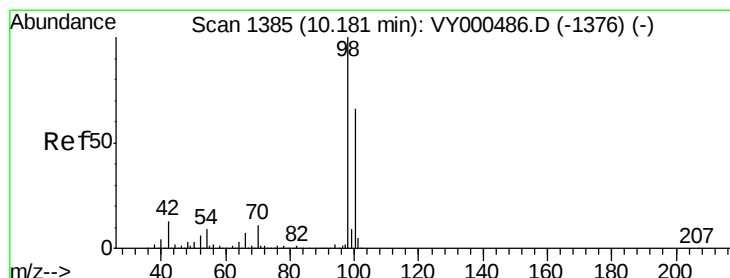
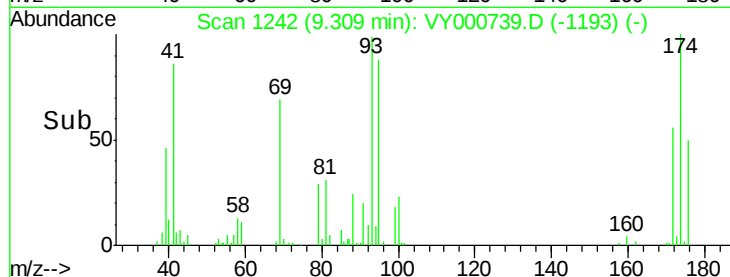
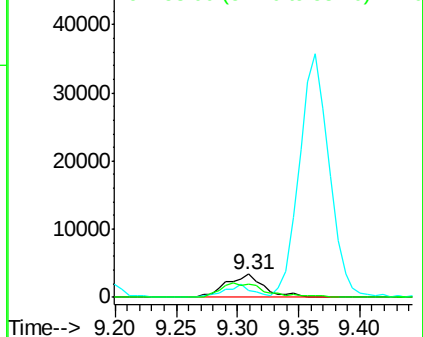
88 100

43 41.5 25.1 37.7#

58 73.1 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: 52.987 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000739.D

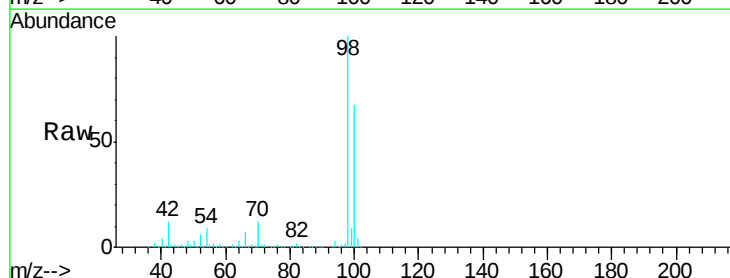
Acq: 19 Nov 2019 12:41

Tgt Ion: 98 Resp: 423513

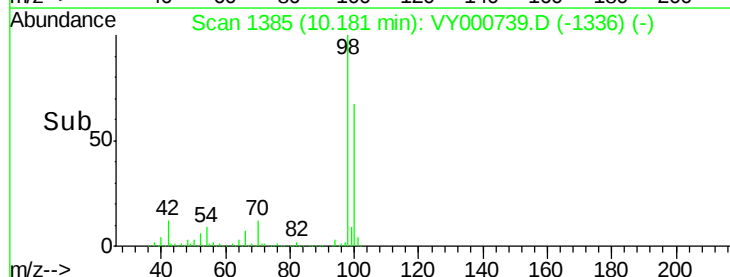
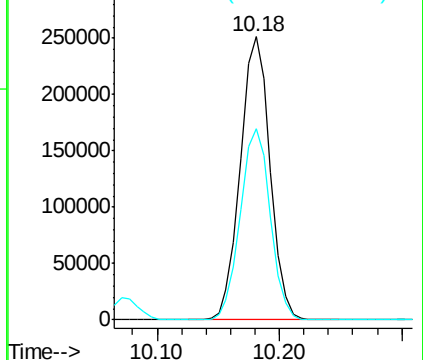
Ion Ratio Lower Upper

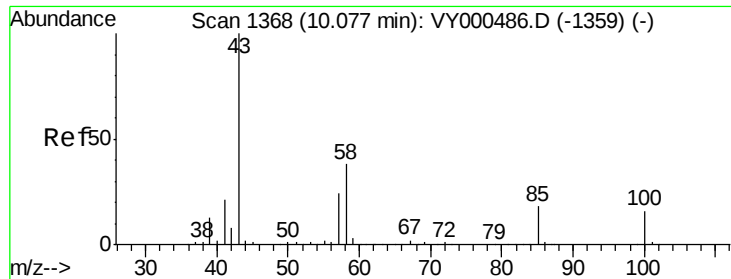
98 100

100 68.1 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: 105.423 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

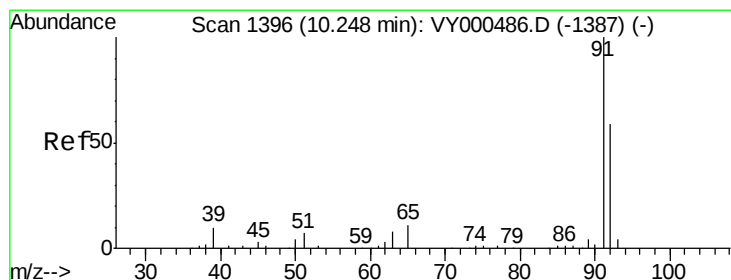
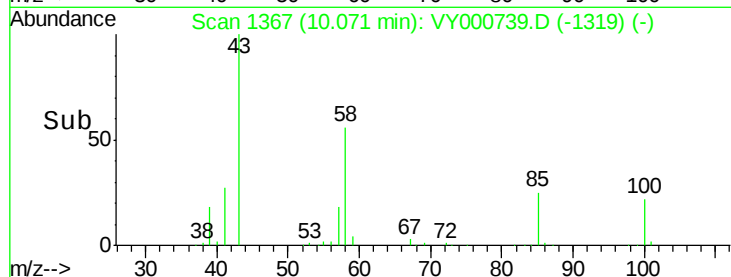
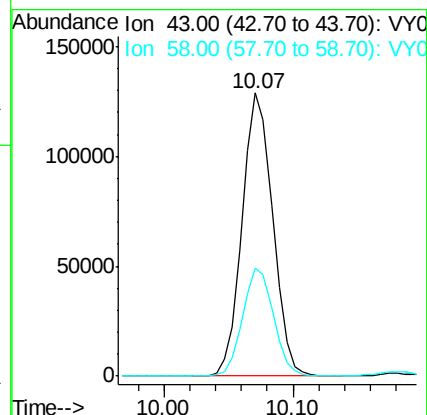
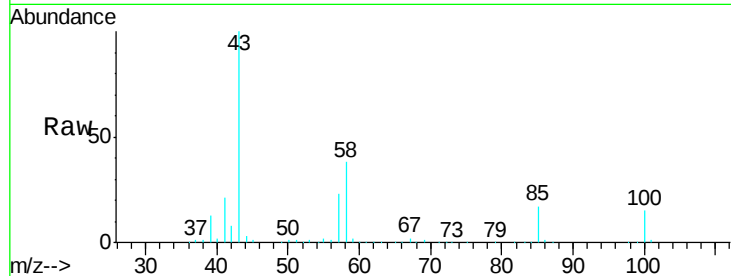
VY1119SBS01

Tgt Ion: 43 Resp: 212039

Ion Ratio Lower Upper

43 100

58 38.6 30.2 45.4



#52

Toluene

Concen: 20.320 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000739.D

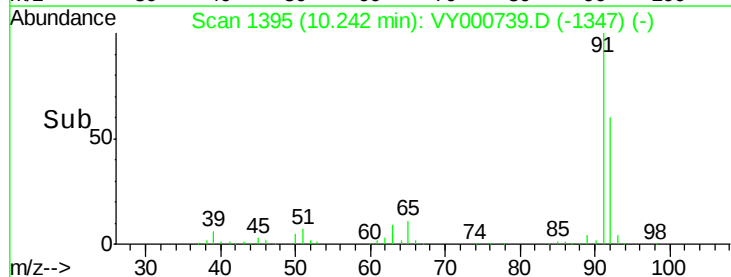
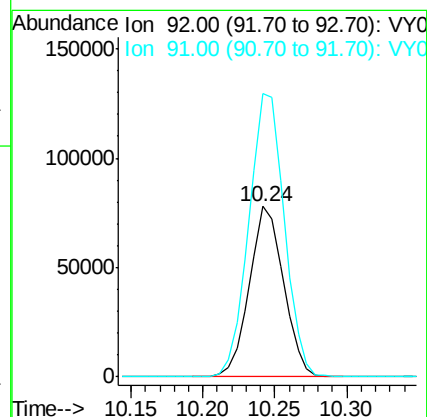
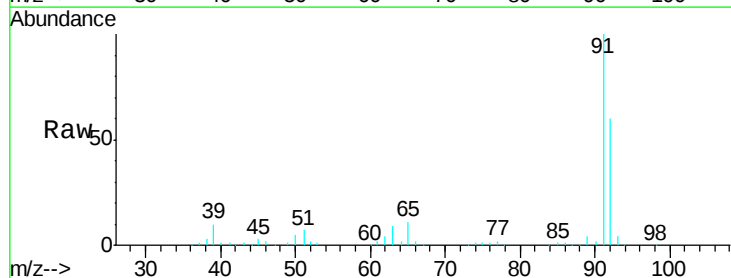
Acq: 19 Nov 2019 12:41

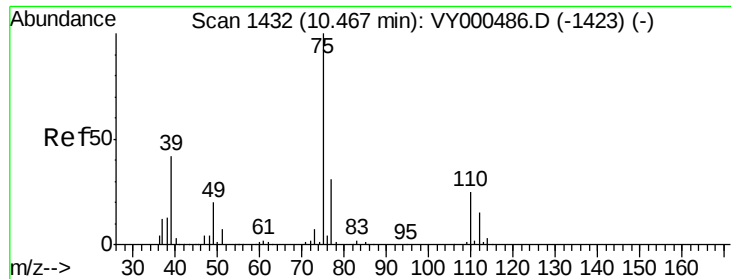
Tgt Ion: 92 Resp: 127757

Ion Ratio Lower Upper

92 100

91 172.3 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 21.083 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

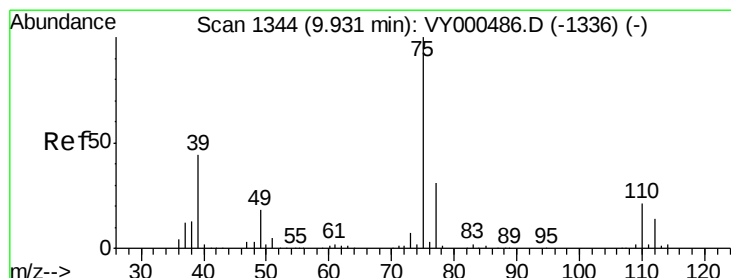
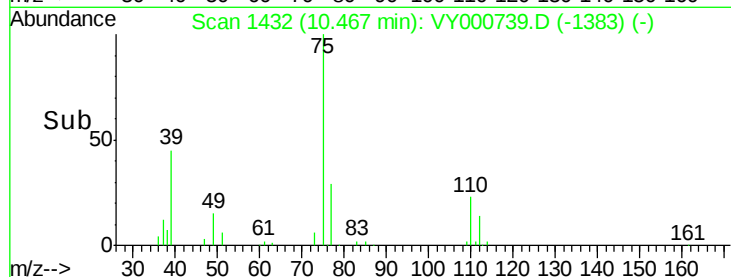
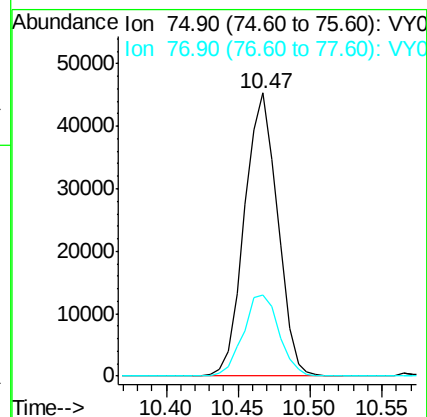
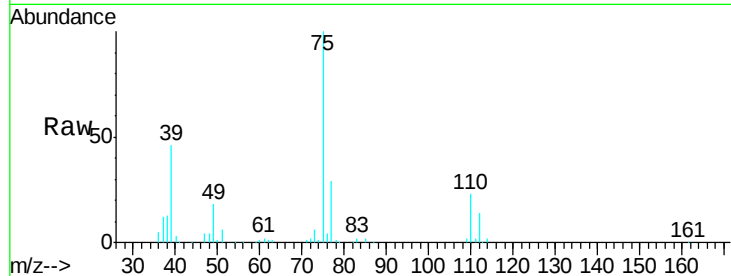
VY1119SBS01

Tgt Ion: 75 Resp: 71948

Ion Ratio Lower Upper

75 100

77 28.9 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 20.710 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

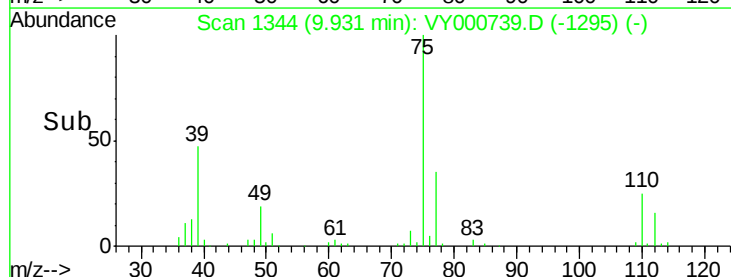
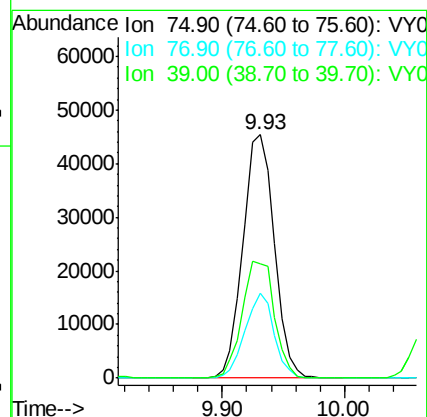
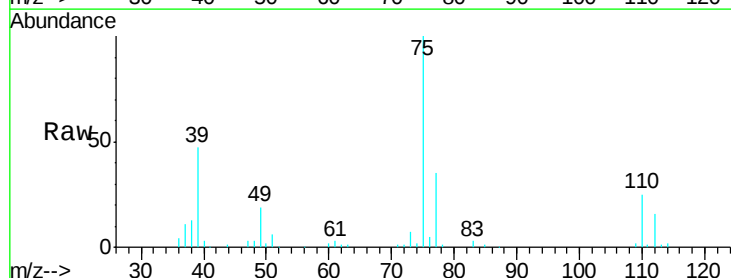
Tgt Ion: 75 Resp: 80968

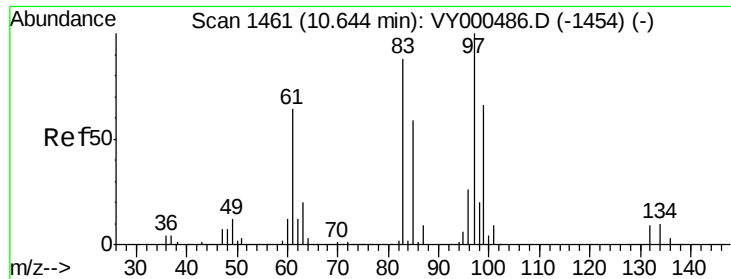
Ion Ratio Lower Upper

75 100

77 34.9 24.5 36.7

39 47.2 35.4 53.2

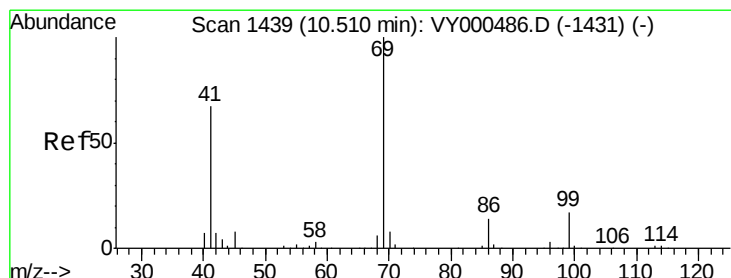
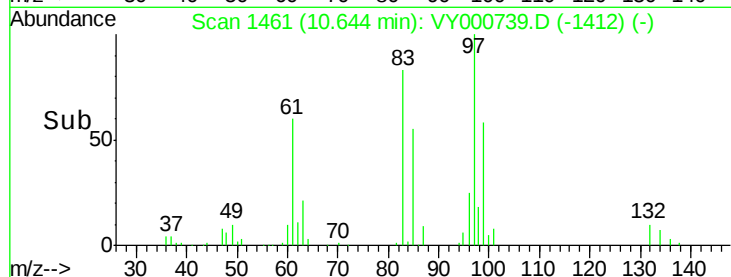
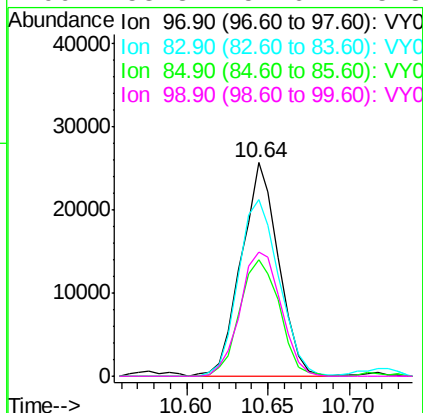
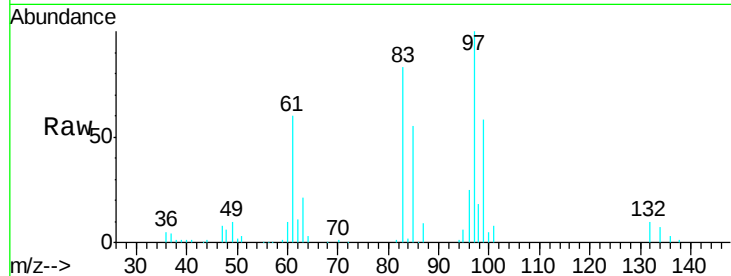




#55
 1,1,2-Trichloroethane
 Concen: 20.991 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

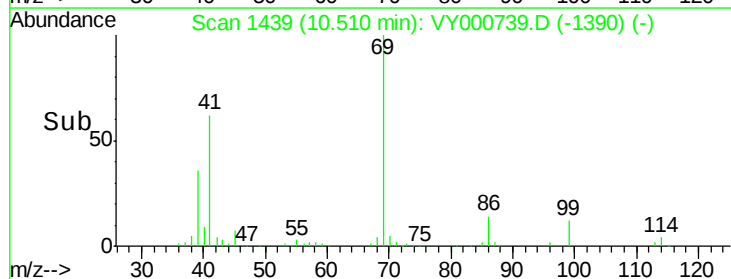
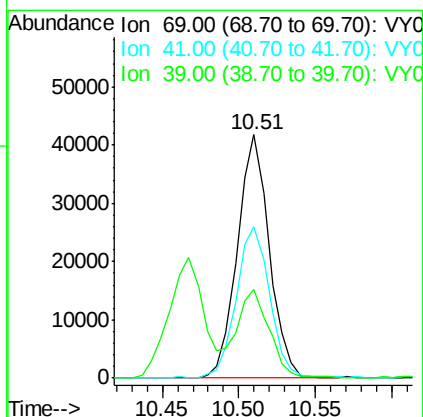
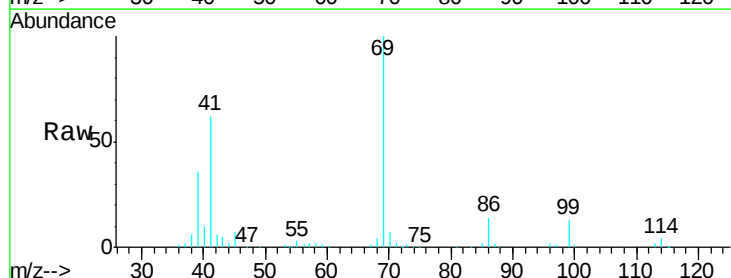
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

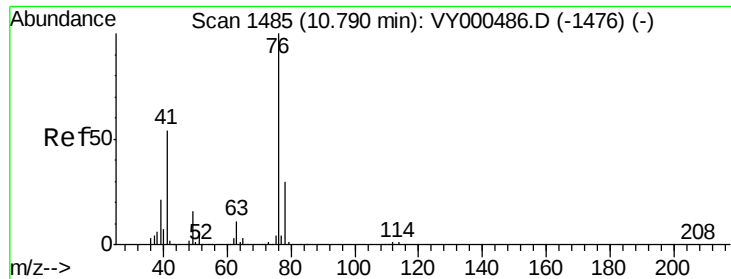
Tgt Ion: 97 Resp: 40867
 Ion Ratio Lower Upper
 97 100
 83 82.8 70.2 105.4
 85 54.5 46.9 70.3
 99 58.3 52.6 78.8



#56
 Ethyl methacrylate
 Concen: 21.888 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion: 69 Resp: 60397
 Ion Ratio Lower Upper
 69 100
 41 66.0 53.3 79.9
 39 38.5 28.0 42.0





#57

1,3-Dichloropropane

Concen: 21.556 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

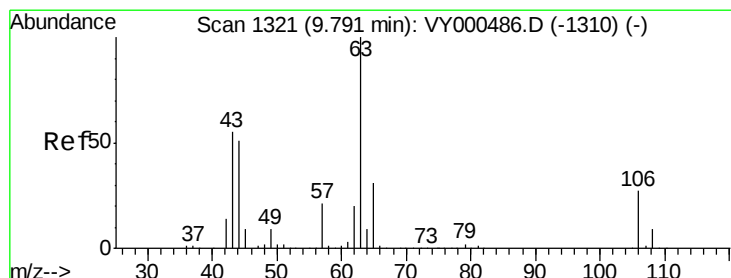
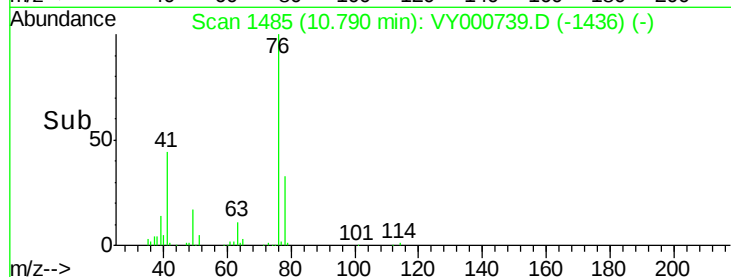
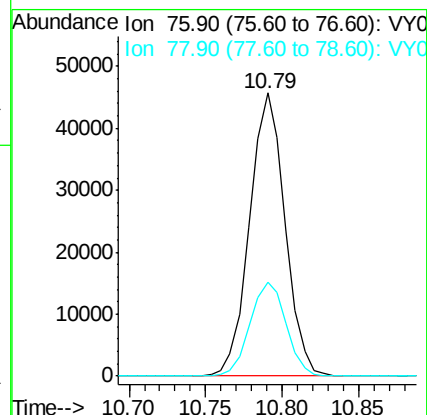
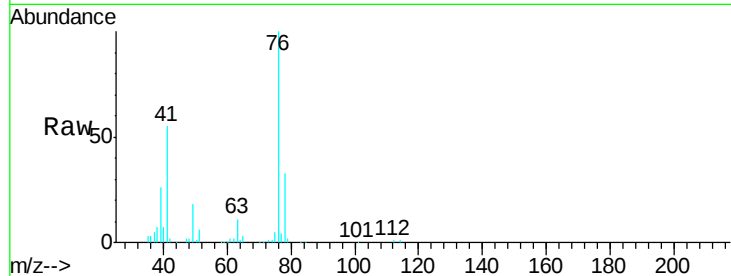
VY1119SBS01

Tgt Ion: 76 Resp: 73452

Ion Ratio Lower Upper

76 100

78 33.7 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 104.561 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000739.D

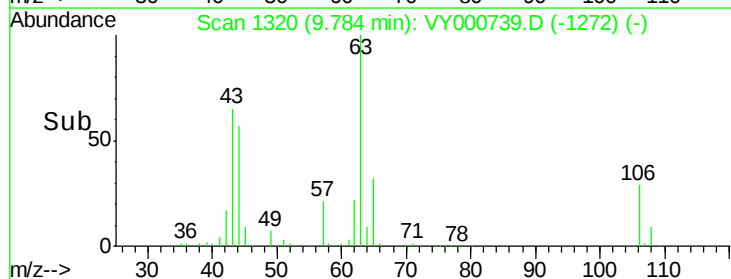
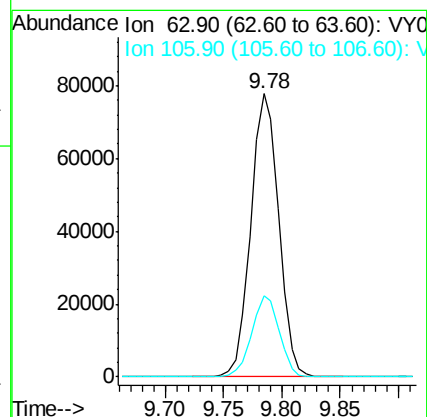
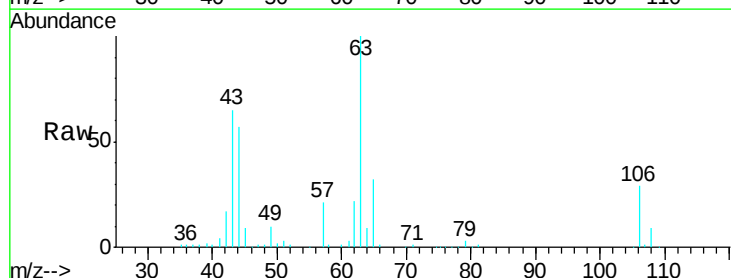
Acq: 19 Nov 2019 12:41

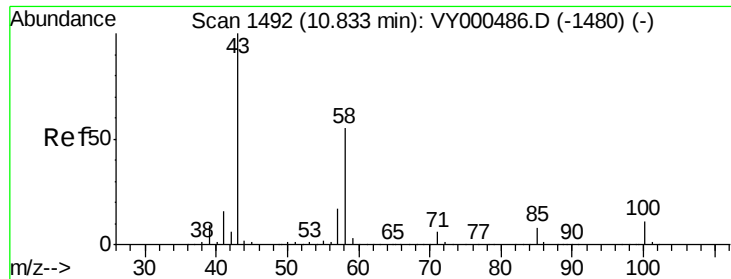
Tgt Ion: 63 Resp: 130439

Ion Ratio Lower Upper

63 100

106 28.3 22.6 33.8

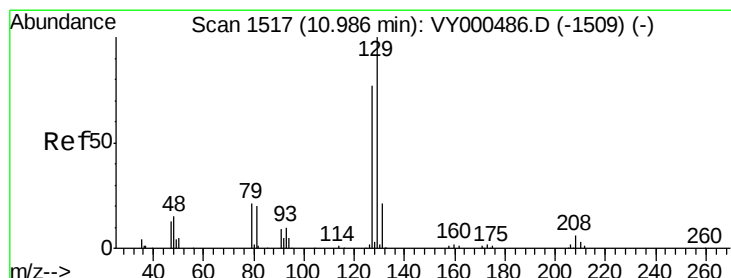
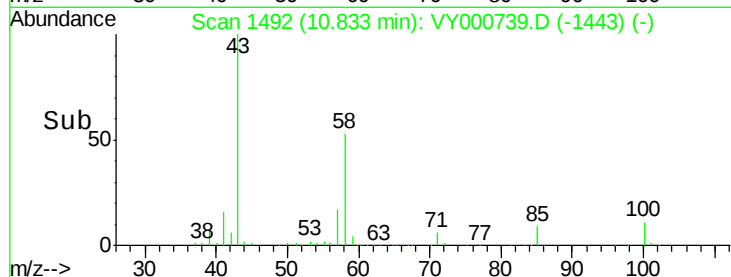
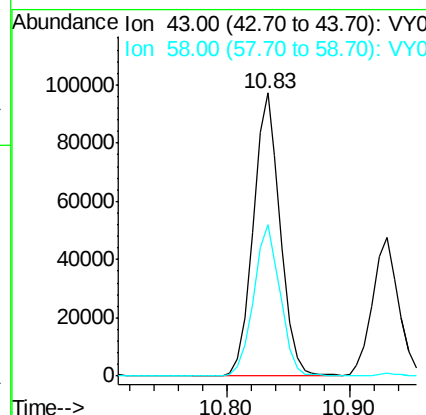
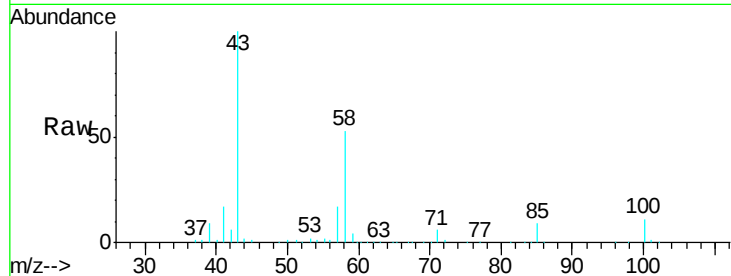




#59
2-Hexanone
Concen: 101.391 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

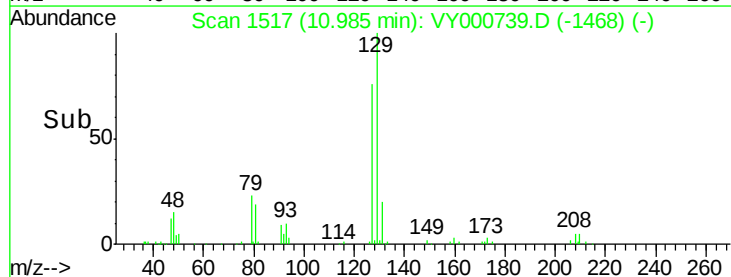
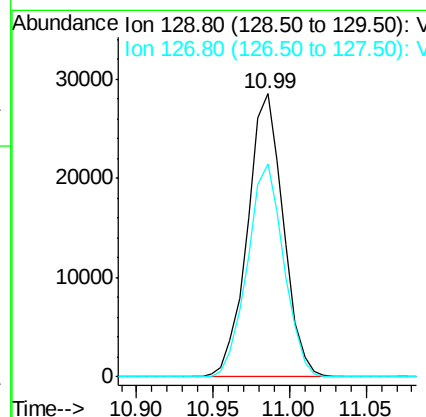
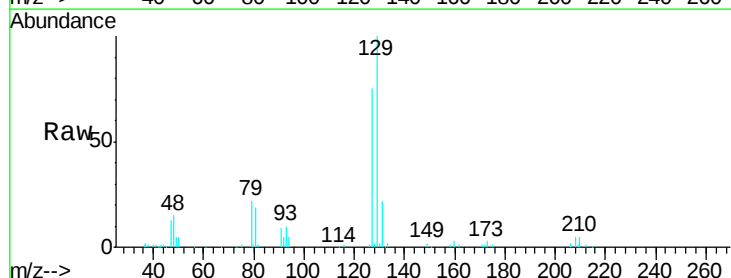
Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

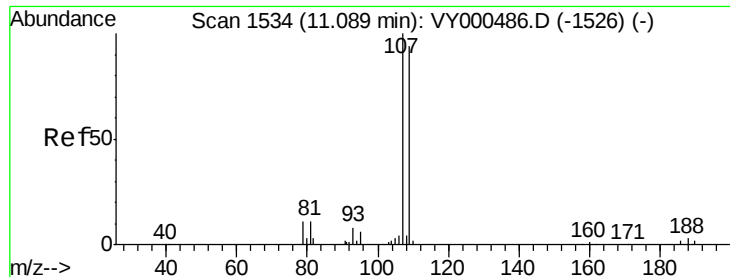
Tgt Ion: 43 Resp: 148581
Ion Ratio Lower Upper
43 100
58 53.0 27.1 81.3



#60
Dibromochloromethane
Concen: 20.804 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 129 Resp: 46394
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.996 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

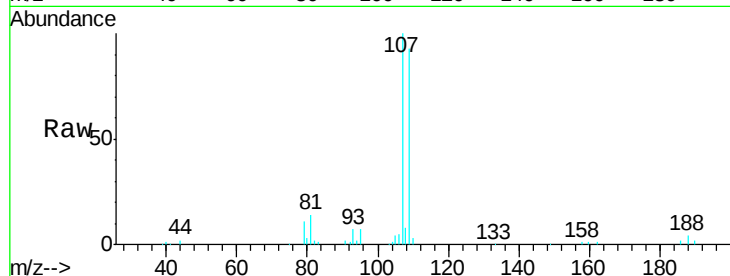
VY1119SBS01

Tgt Ion: 107 Resp: 39303

Ion Ratio Lower Upper

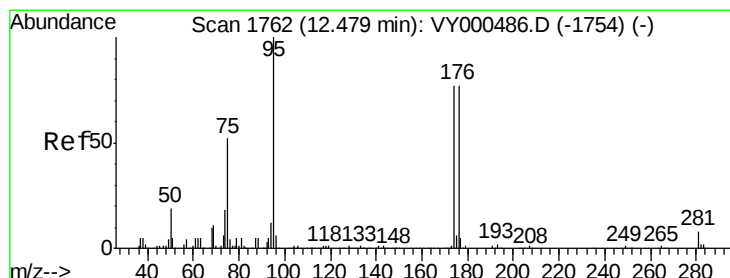
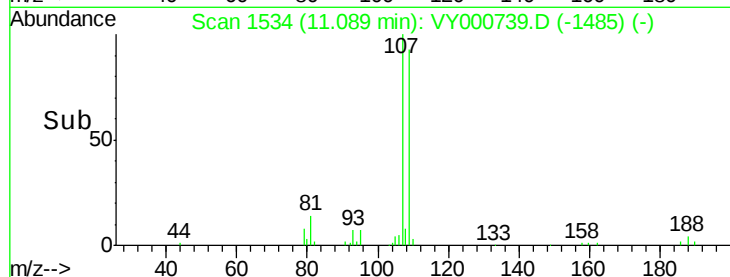
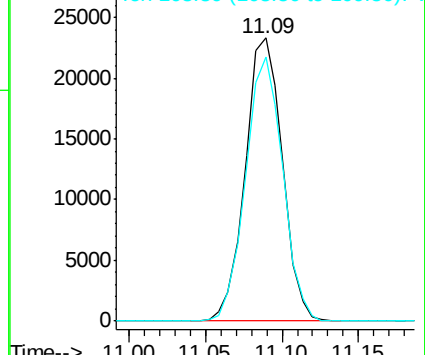
107 100

109 93.4 73.6 110.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.509 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

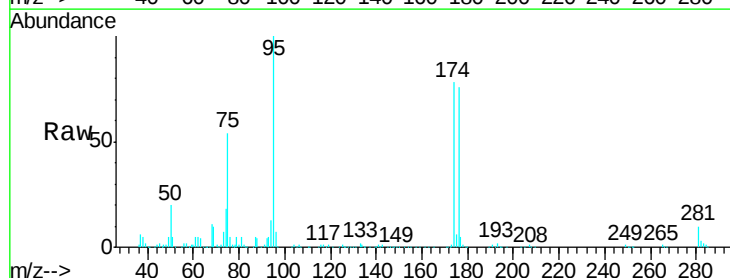
Tgt Ion: 95 Resp: 150644

Ion Ratio Lower Upper

95 100

174 80.2 0.0 161.6

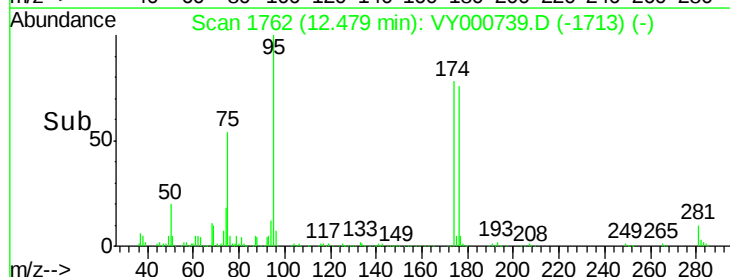
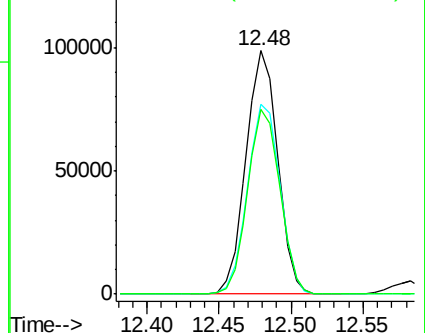
176 77.1 0.0 157.8

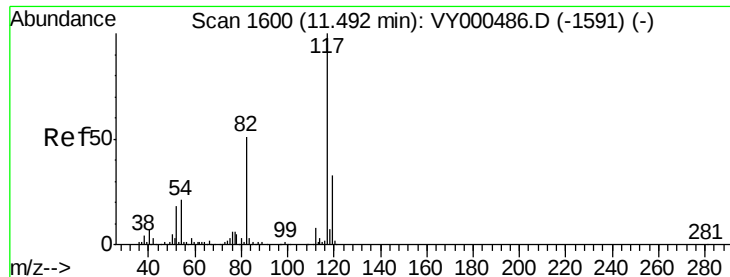


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

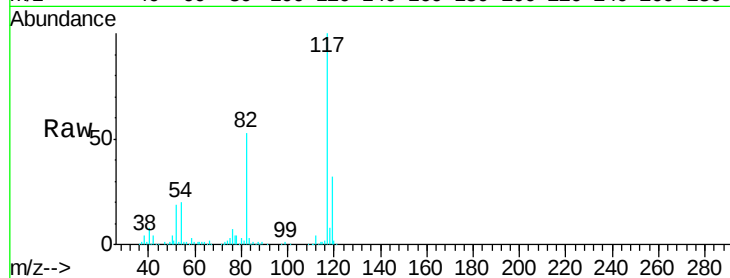




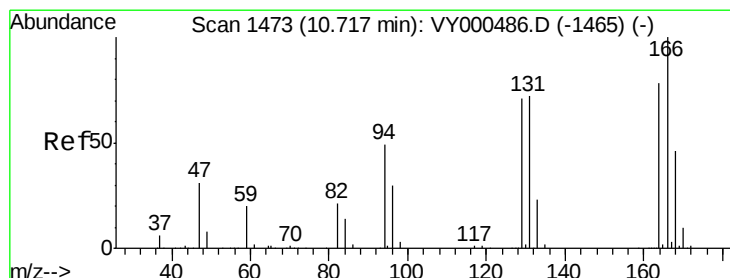
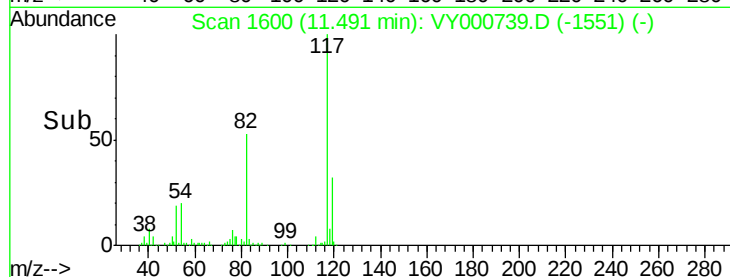
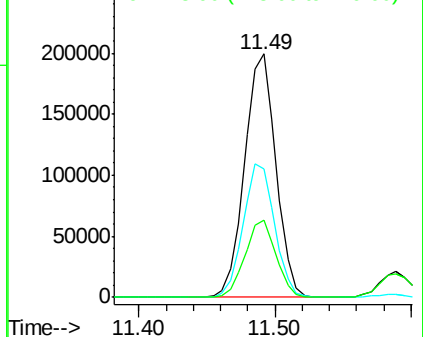
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tgt Ion:117 Resp: 320043
Ion Ratio Lower Upper
117 100
82 52.8 40.8 61.2
119 31.8 26.2 39.2

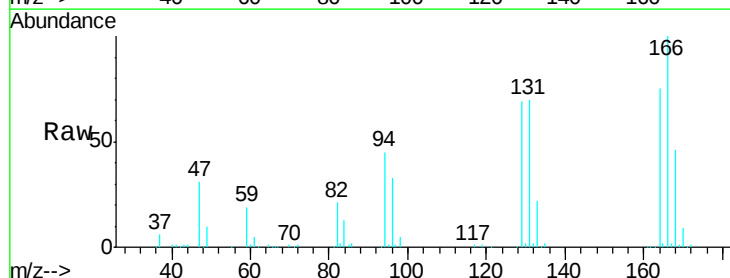


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

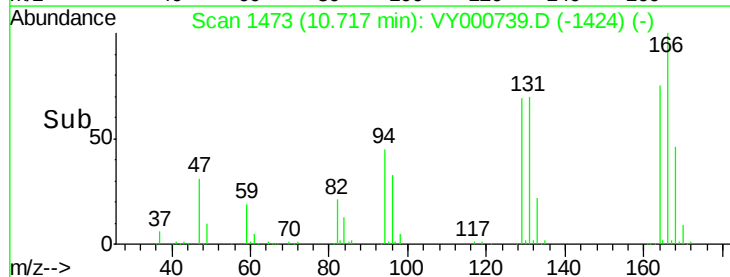
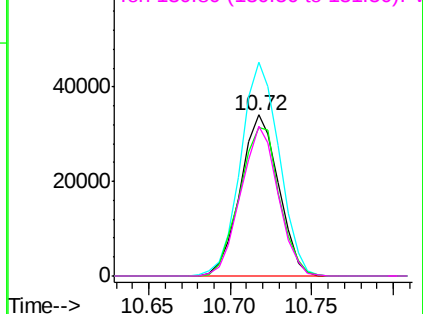


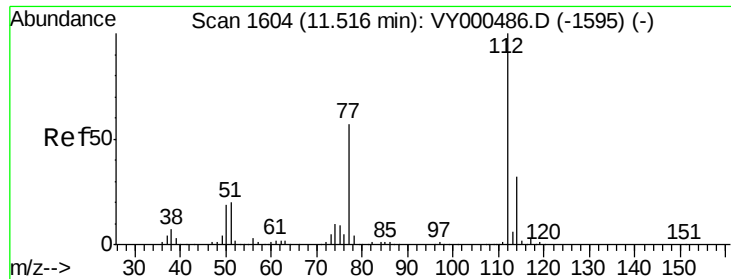
#64
Tetrachloroethene
Concen: 21.099 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion:164 Resp: 55836
Ion Ratio Lower Upper
164 100
166 132.7 102.7 154.1
129 91.9 73.2 109.8
131 93.0 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

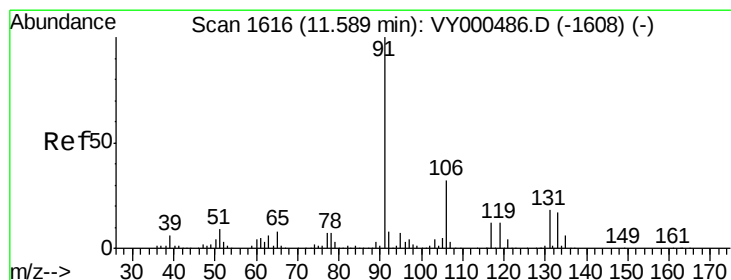
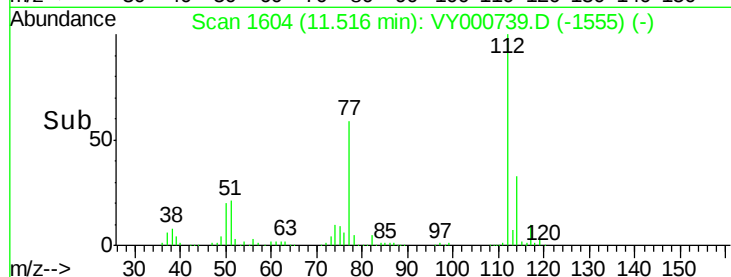
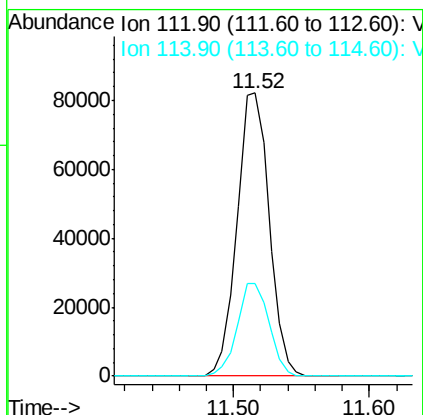
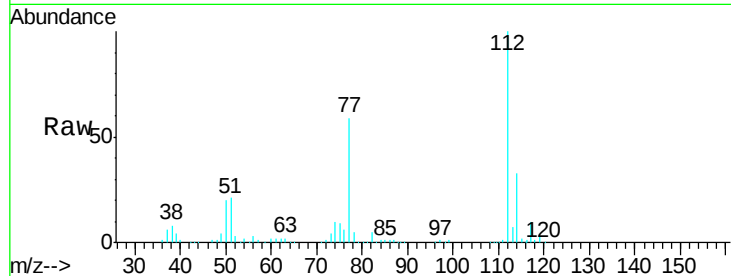




#65
Chlorobenzene
Concen: 20.912 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

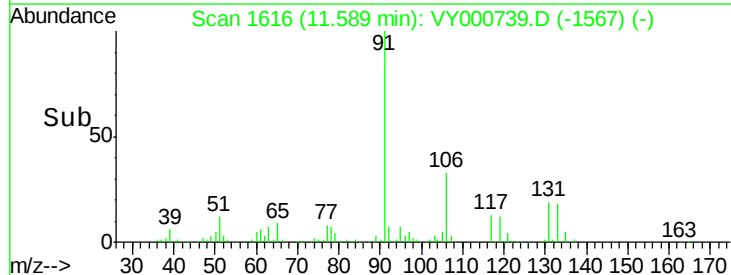
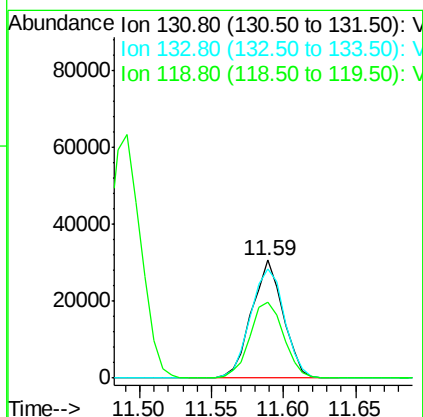
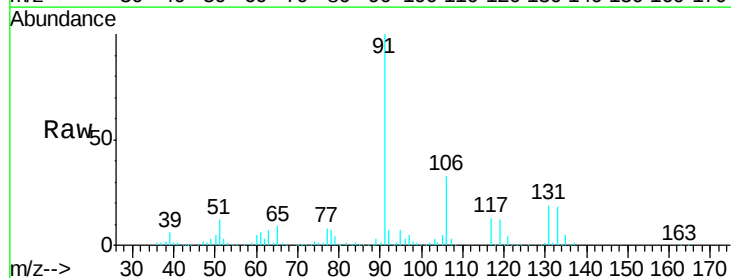
Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

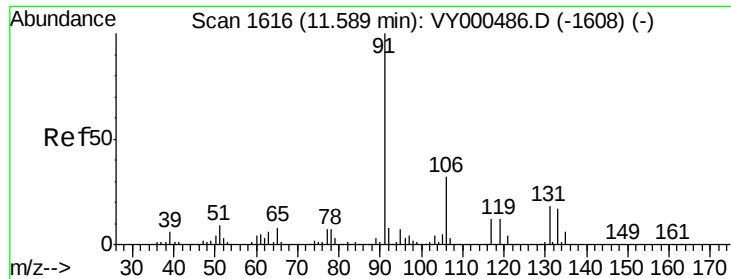
Tgt Ion:112 Resp: 135696
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.598 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion:131 Resp: 46354
Ion Ratio Lower Upper
131 100
133 100.4 47.9 143.8
119 69.7 33.1 99.3

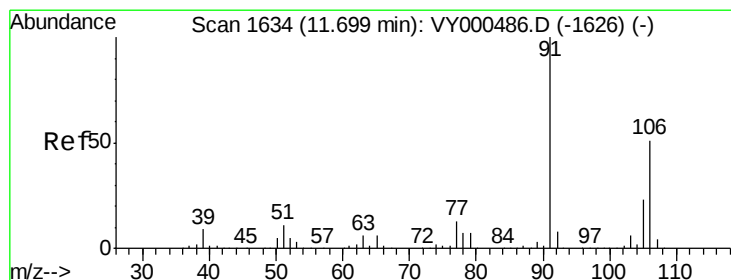
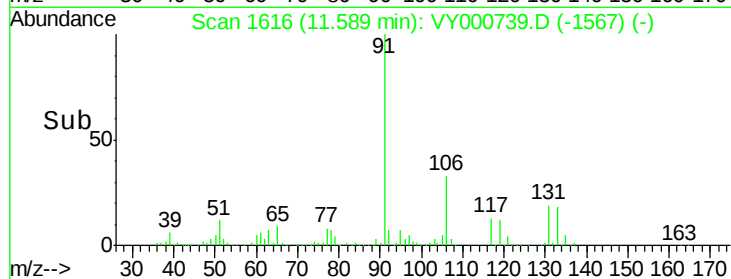
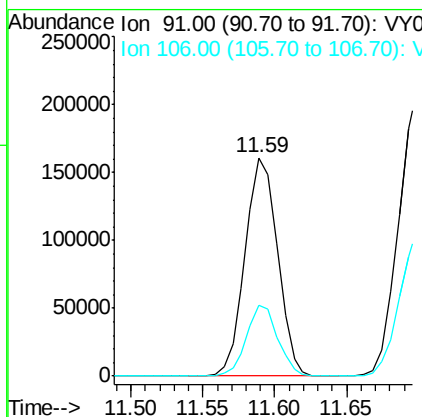
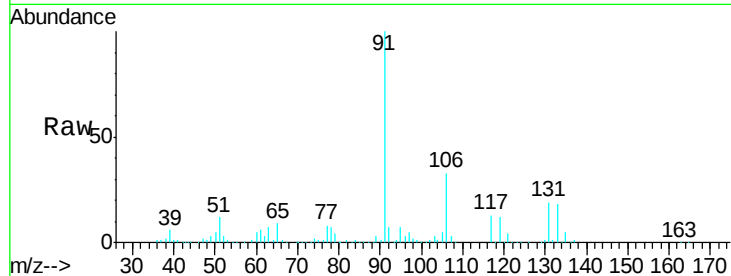




#67
Ethyl Benzene
Concen: 21.099 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

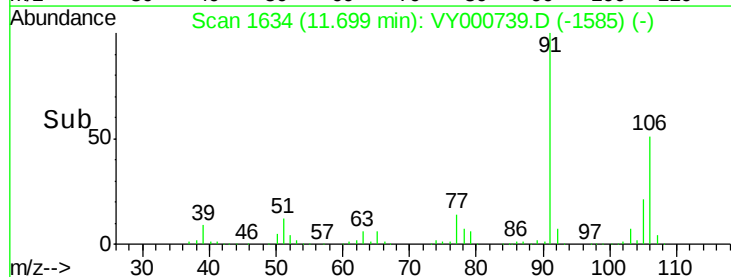
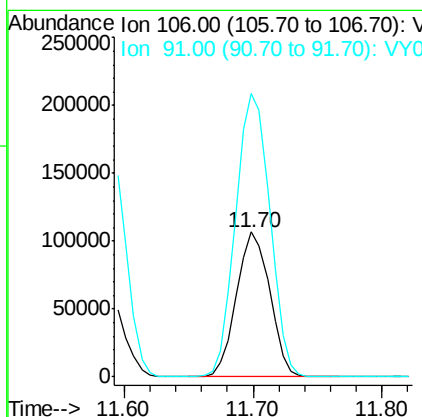
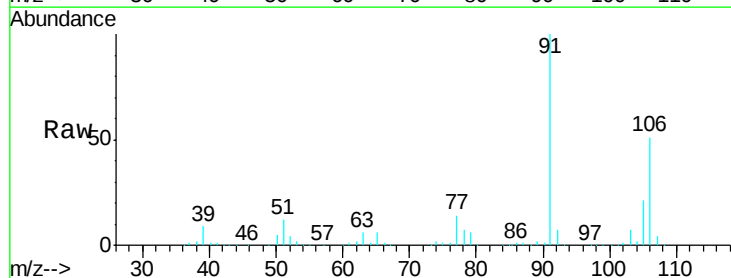
Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

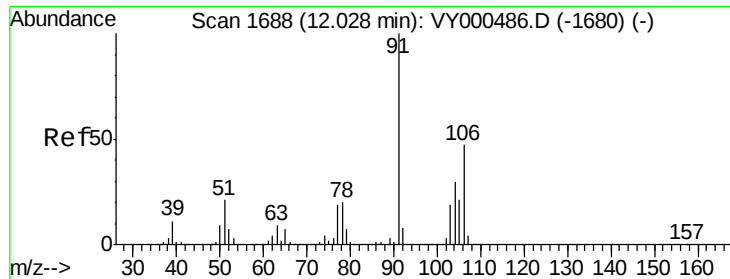
Tgt Ion: 91 Resp: 251966
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.0



#68
m/p-Xylenes
Concen: 41.490 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 106 Resp: 191774
Ion Ratio Lower Upper
106 100
91 201.0 155.9 233.9

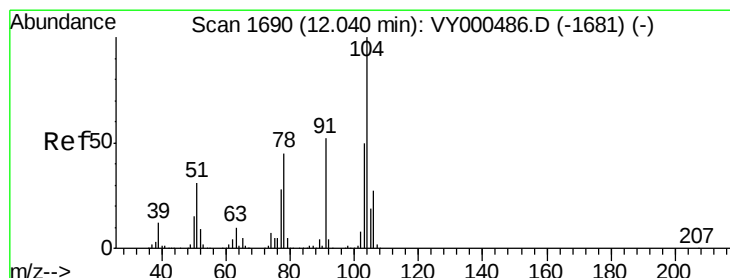
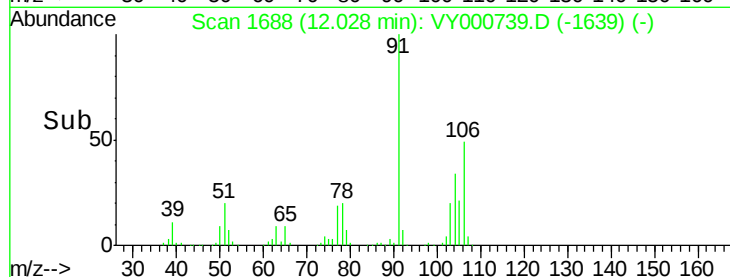
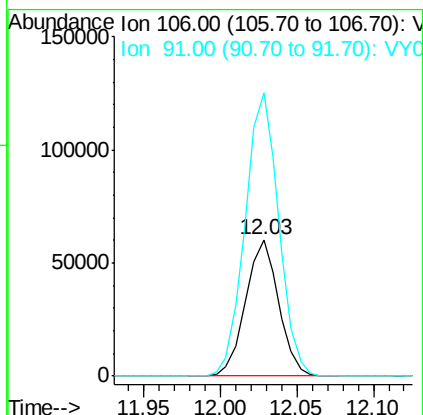
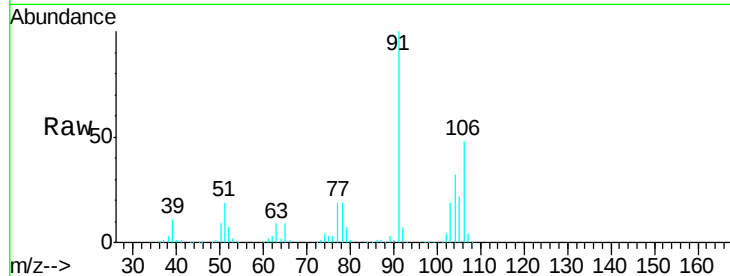




#69
o-Xylene
Concen: 20.867 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

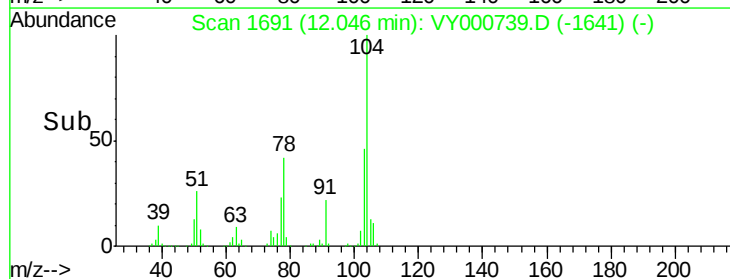
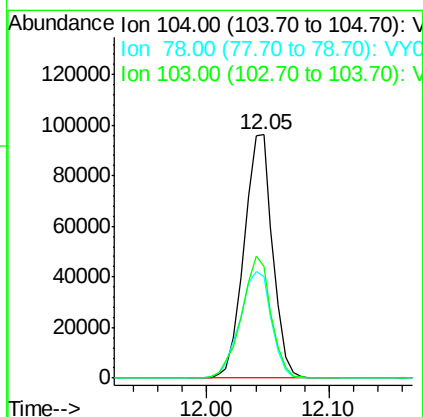
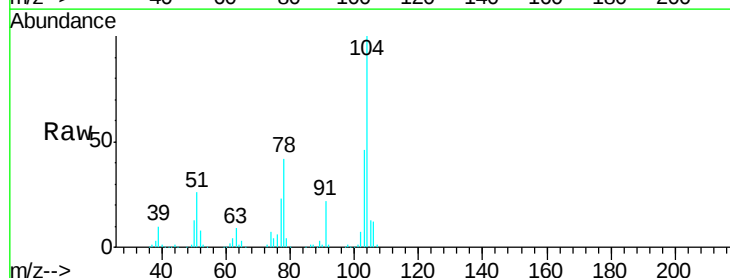
Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

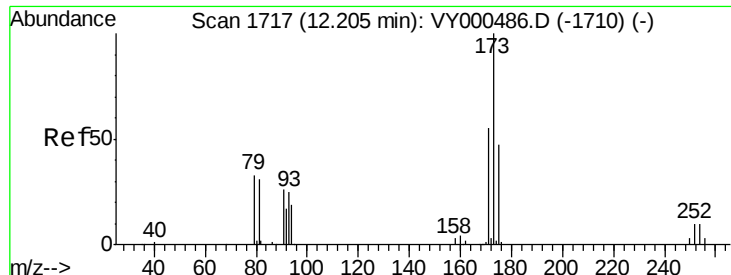
Tgt Ion:106 Resp: 90647
Ion Ratio Lower Upper
106 100
91 211.3 106.5 319.6



#70
Styrene
Concen: 20.919 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion:104 Resp: 155608
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.4
103 51.7 42.5 63.7

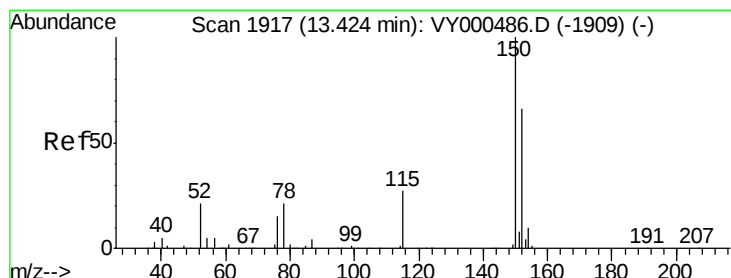
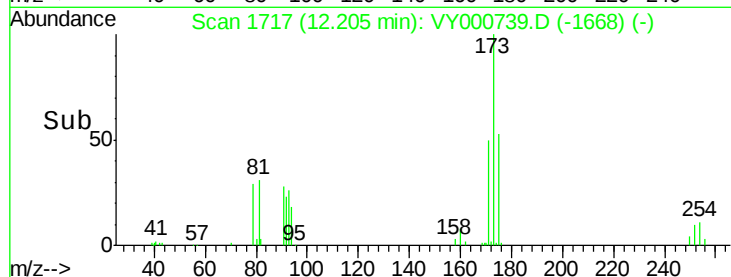
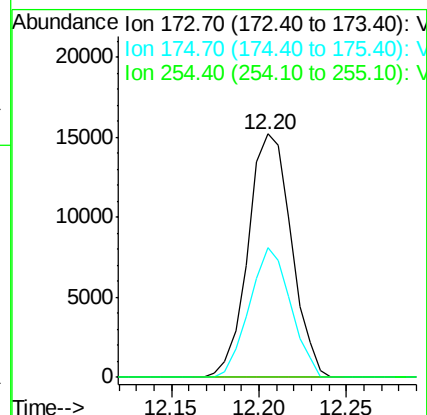
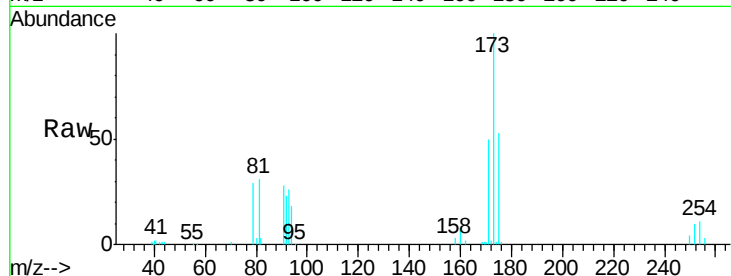




#71
Bromoform
Concen: 20.180 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

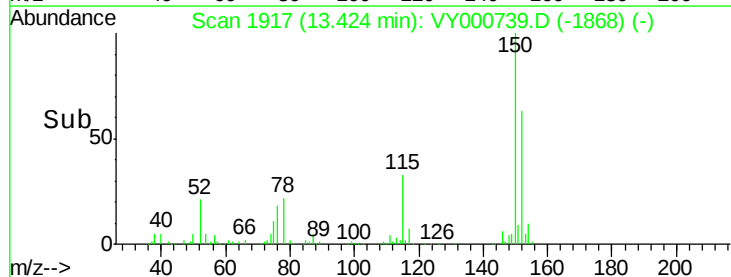
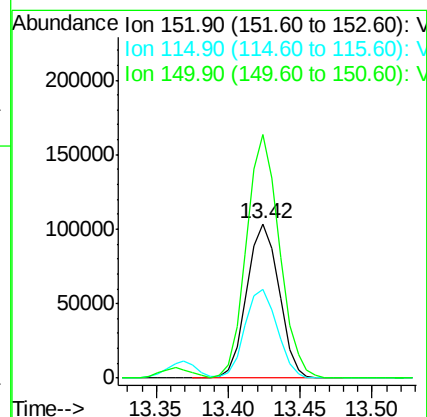
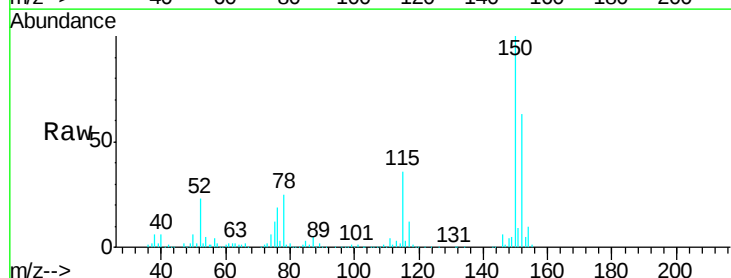
Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

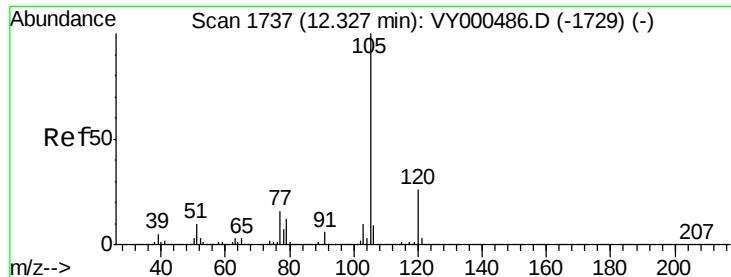
Tgt Ion:173 Resp: 26121
Ion Ratio Lower Upper
173 100
175 50.9 24.4 73.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion:152 Resp: 160571
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.4
150 161.3 0.0 348.8

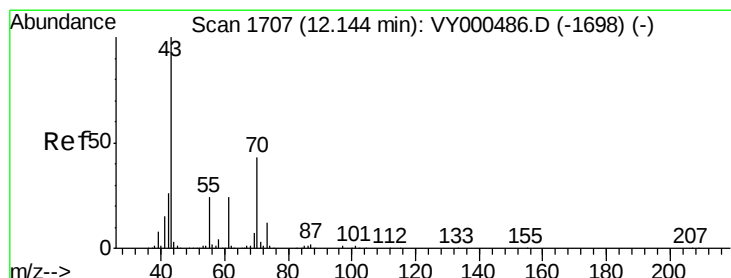
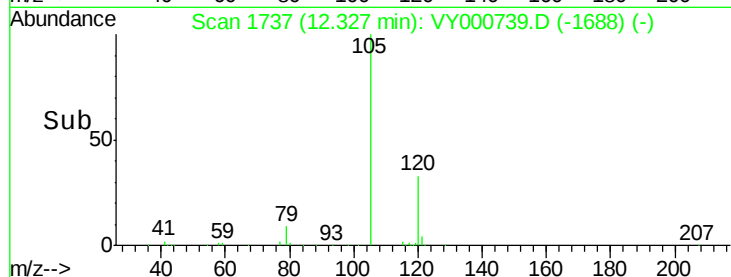
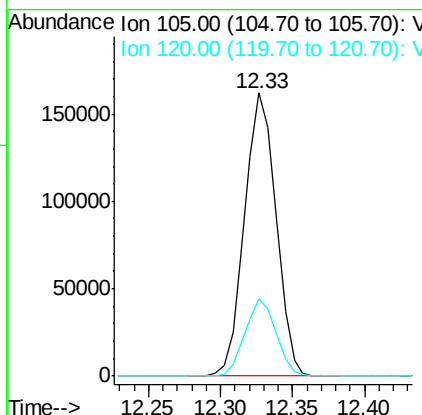
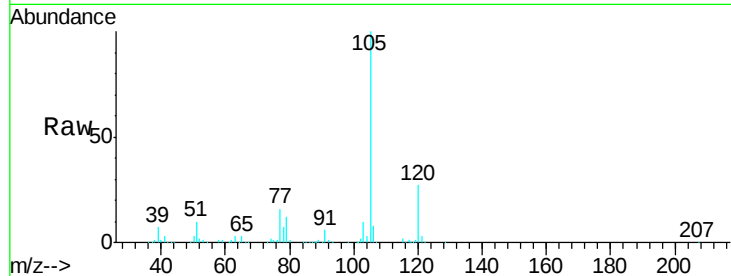




#73
Isopropylbenzene
Concen: 20.609 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

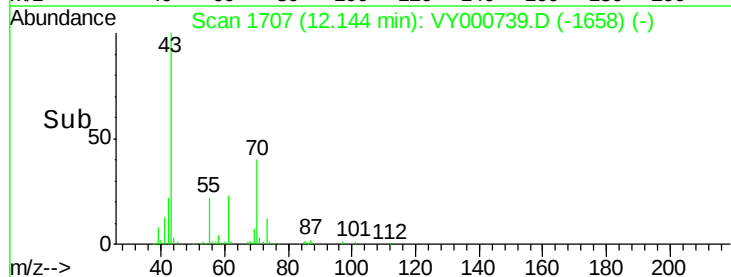
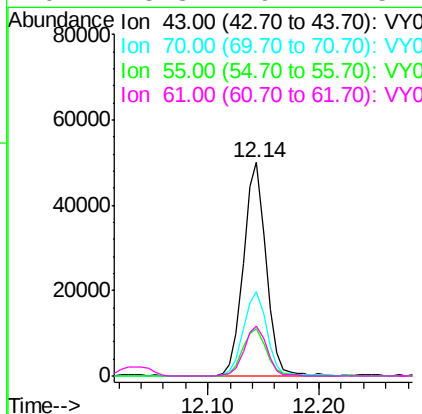
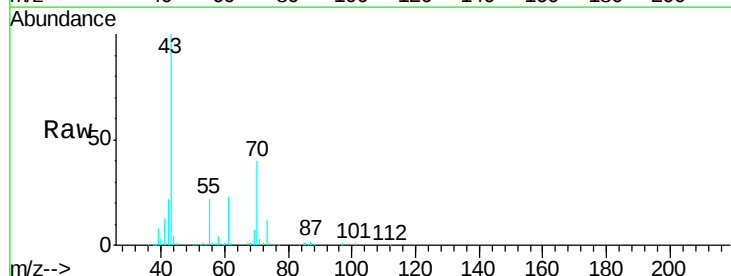
Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

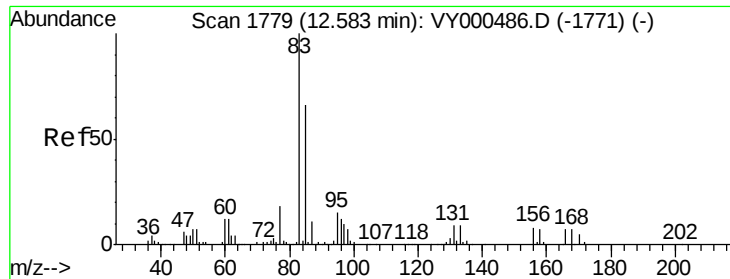
Tgt Ion: 105 Resp: 244573
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4



#74
N-ethyl acetate
Concen: 20.766 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 43 Resp: 70578
Ion Ratio Lower Upper
43 100
70 41.5 33.1 49.7
55 23.4 18.0 27.0
61 23.3 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.118 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

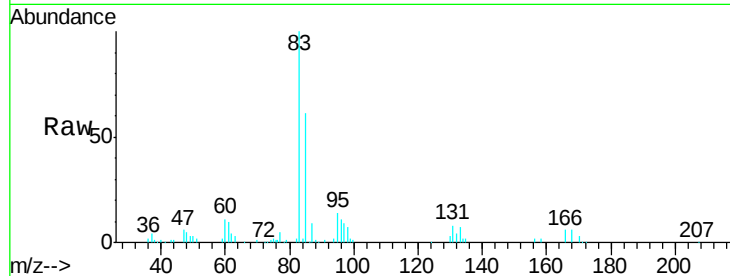
Tgt Ion: 83 Resp: 49623

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 63.8 32.3 96.9

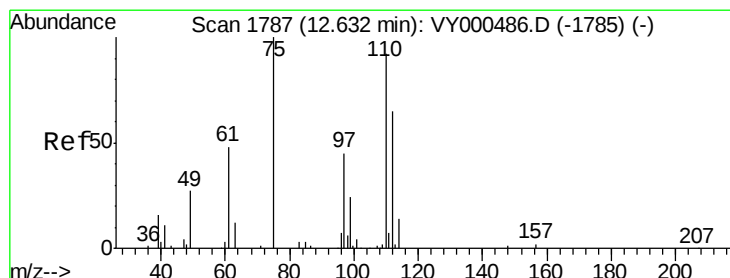
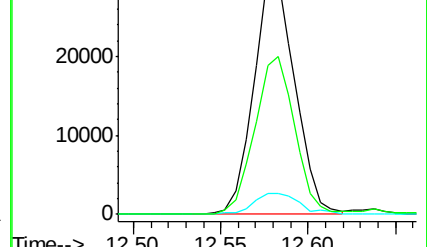
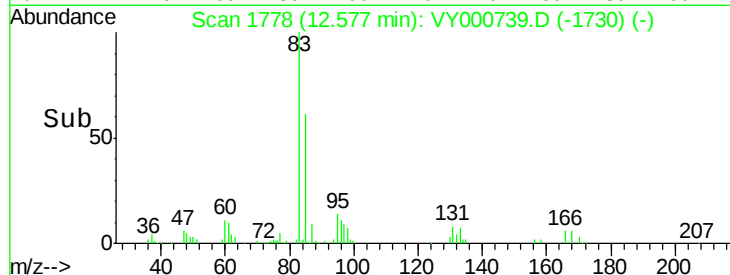


Abundance Ion 82.90 (82.60 to 83.60): VY000486.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY000486.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY000486.D (-1771) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 36.799 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000739.D

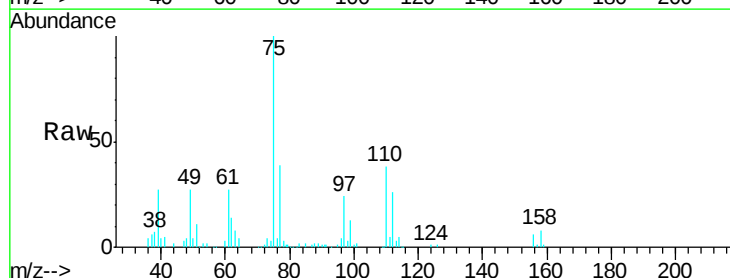
Acq: 19 Nov 2019 12:41

Tgt Ion: 75 Resp: 67280

Ion Ratio Lower Upper

75 100

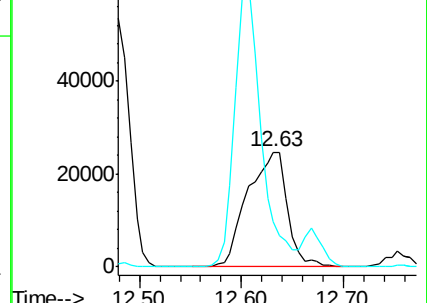
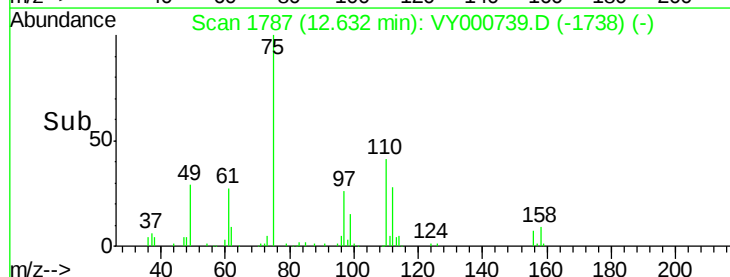
77 0.0 0.0 0.0

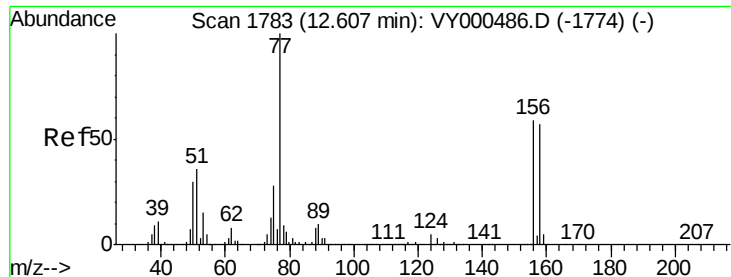


Abundance Ion 74.90 (74.60 to 75.60): VY000486.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY000486.D (-1785) (-)

Time-->





#77

Bromobenzene

Concen: 20.627 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

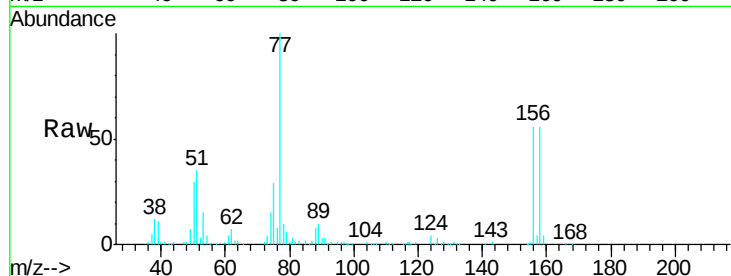
Tgt Ion:156 Resp: 55512

Ion Ratio Lower Upper

156 100

77 198.0 98.2 294.4

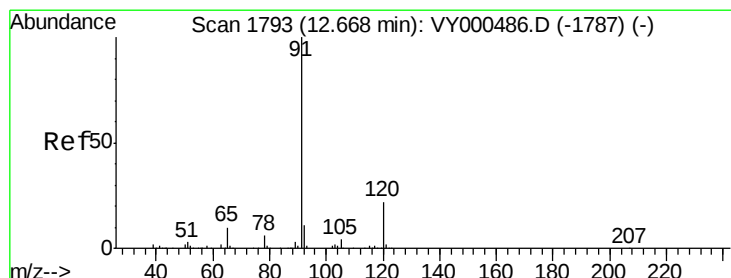
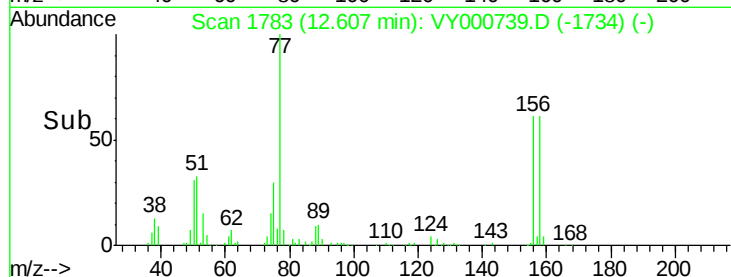
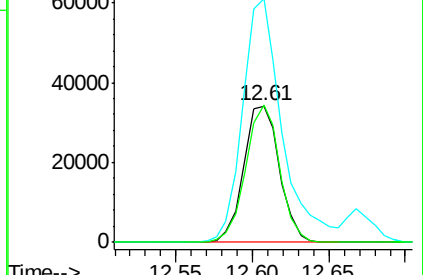
158 95.8 49.6 149.0



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: 20.851 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000739.D

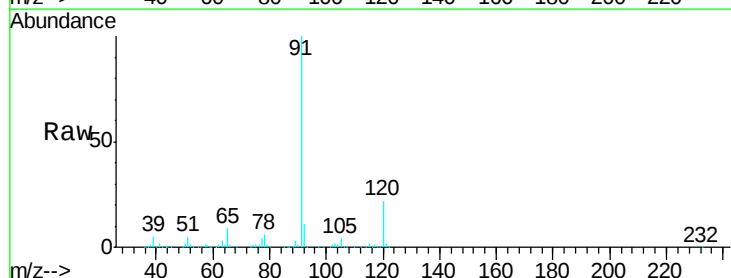
Acq: 19 Nov 2019 12:41

Tgt Ion: 91 Resp: 298564

Ion Ratio Lower Upper

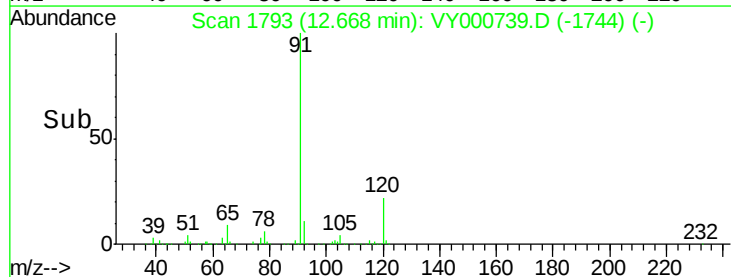
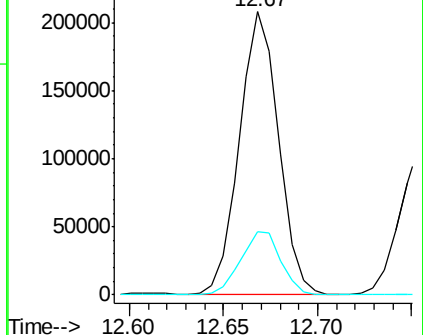
91 100

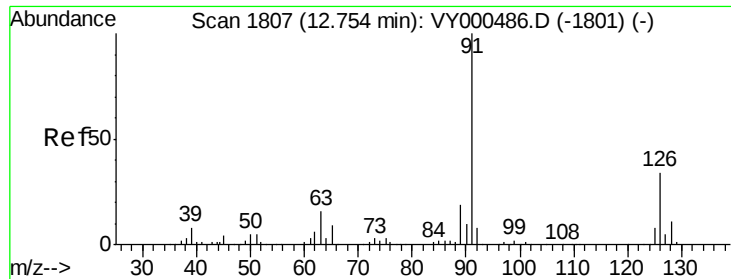
120 22.9 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

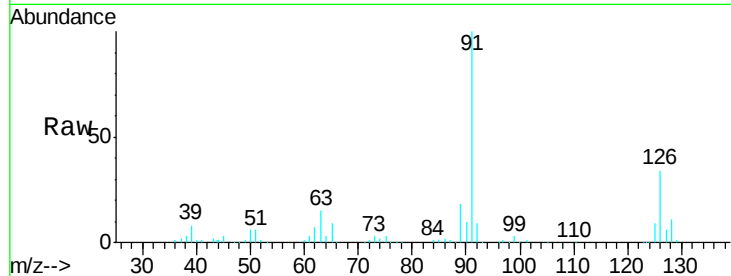




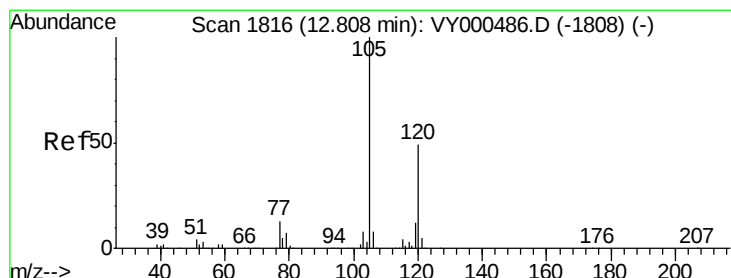
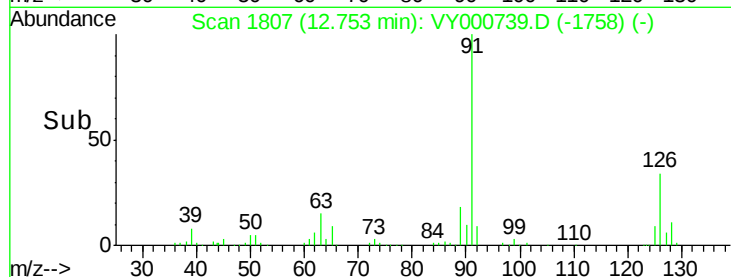
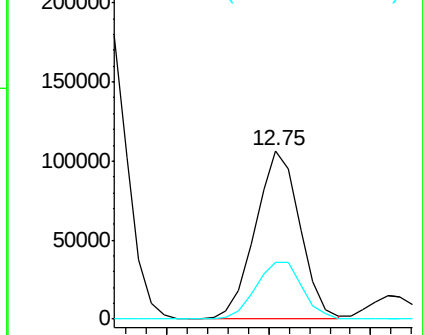
#79
 2-Chlorotoluene
 Concen: 20.367 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tgt Ion: 91 Resp: 161904
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.7 53.1

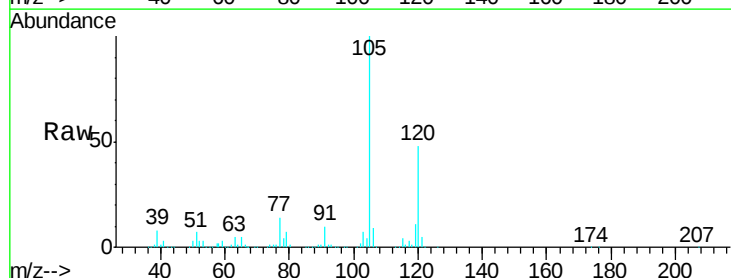


Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)
 Ion 125.90 (125.60 to 126.60): VY000486.D (-1801) (-)

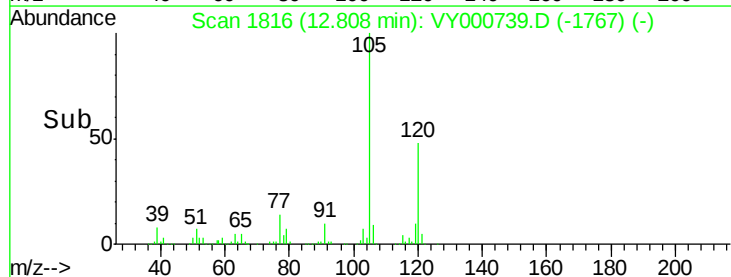
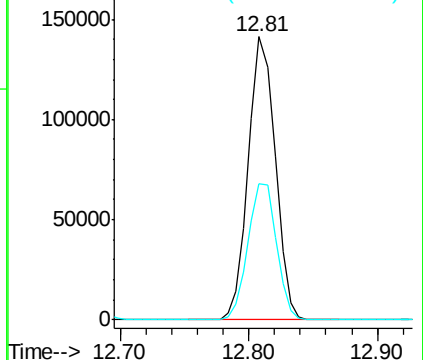


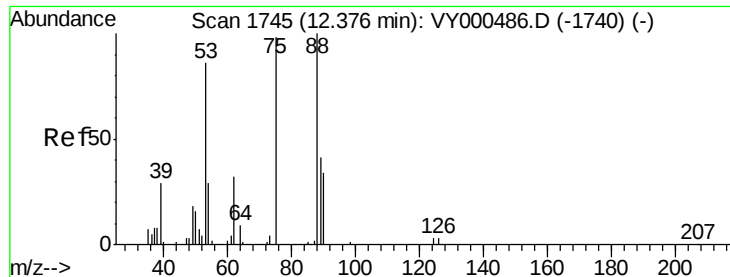
#80
 1,3,5-Trimethylbenzene
 Concen: 20.692 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion: 105 Resp: 204517
 Ion Ratio Lower Upper
 105 100
 120 50.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)
 Ion 120.00 (119.70 to 120.70): VY000486.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.762 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

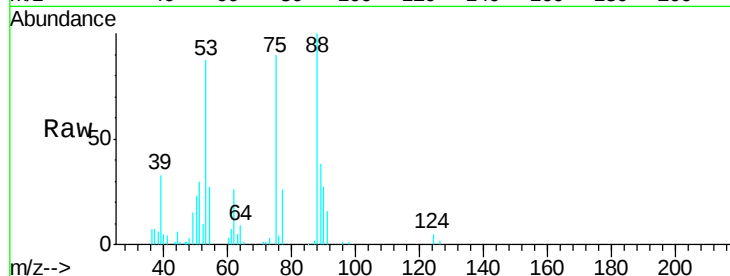
Tgt Ion: 75 Resp: 16115

Ion Ratio Lower Upper

75 100

53 101.2 73.2 109.8

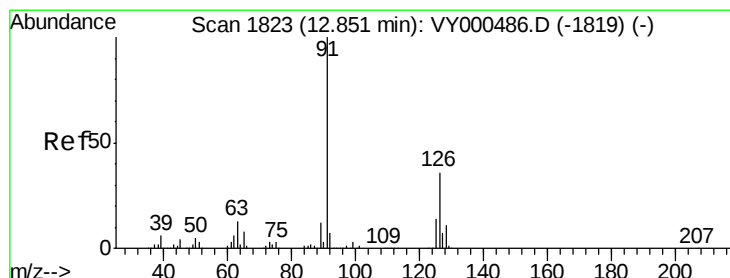
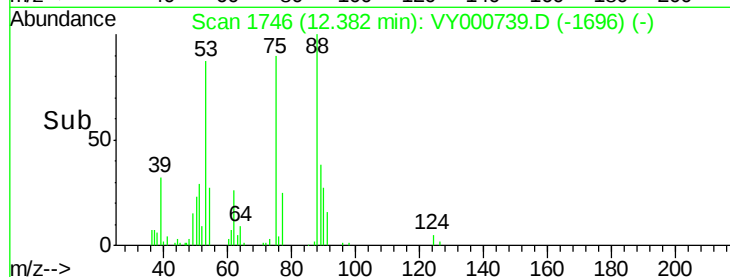
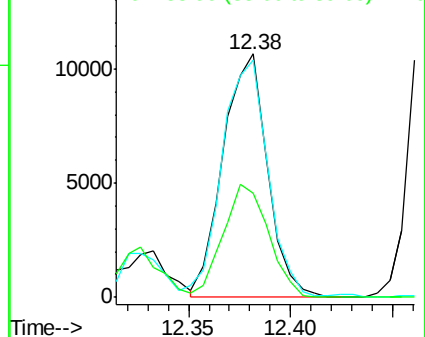
89 47.3 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.940 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000739.D

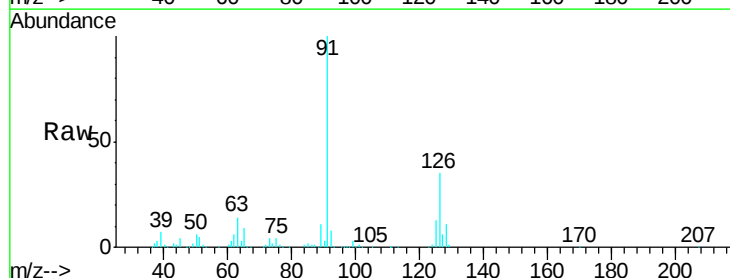
Acq: 19 Nov 2019 12:41

Tgt Ion: 91 Resp: 172552

Ion Ratio Lower Upper

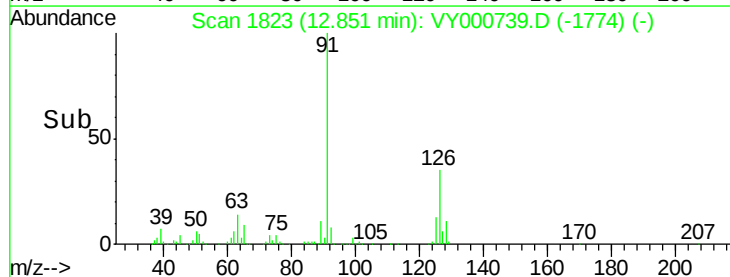
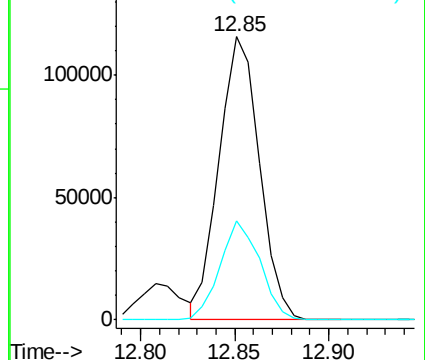
91 100

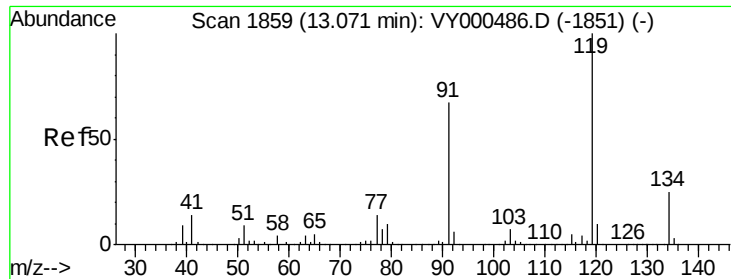
126 34.5 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): VY0

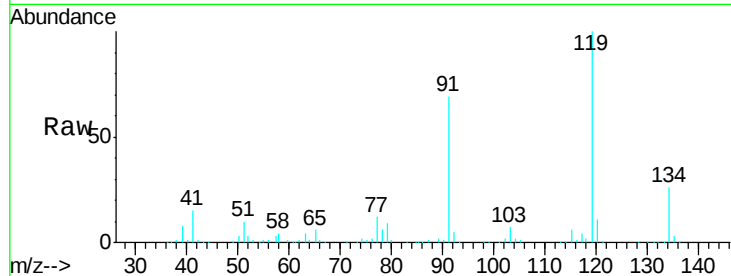




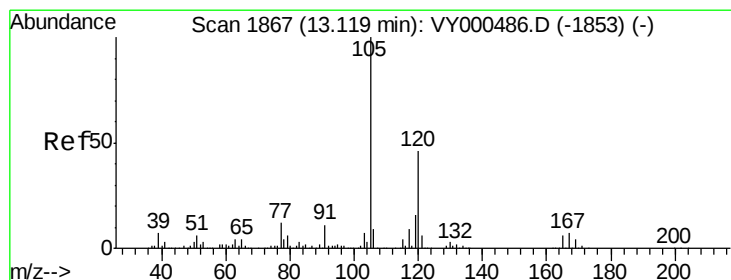
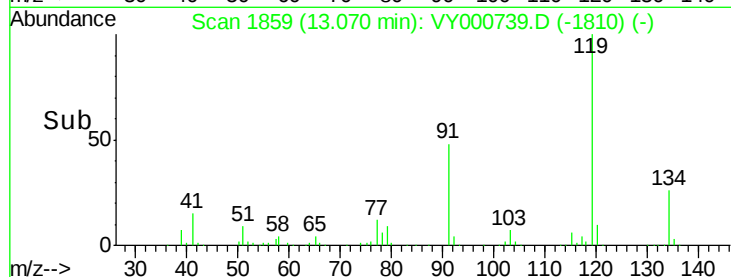
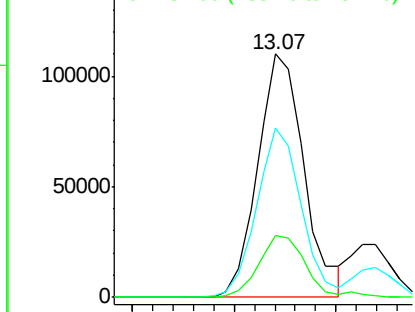
#83
 tert-Butylbenzene
 Concen: 20.613 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tgt Ion:119 Resp: 173952
 Ion Ratio Lower Upper
 119 100
 91 66.8 32.1 96.3
 134 26.3 13.2 39.5

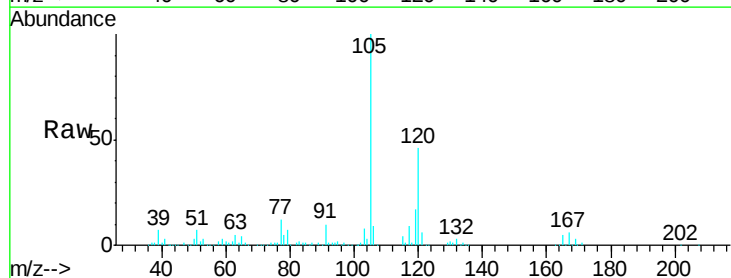


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

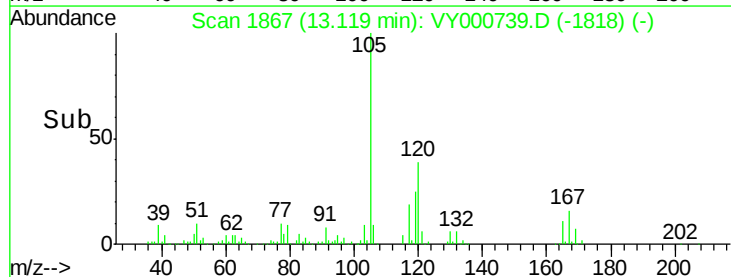
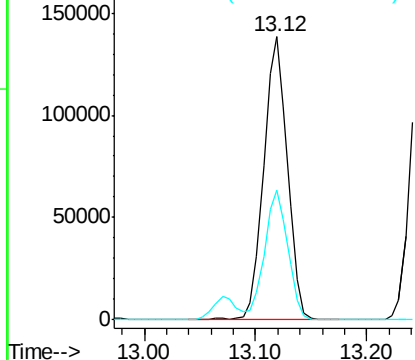


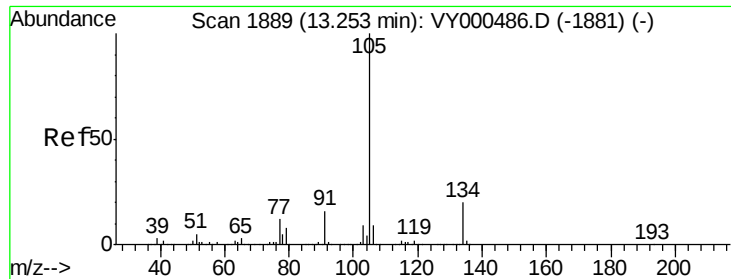
#84
 1,2,4-Trimethylbenzene
 Concen: 20.863 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion:105 Resp: 205314
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.3 69.9



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

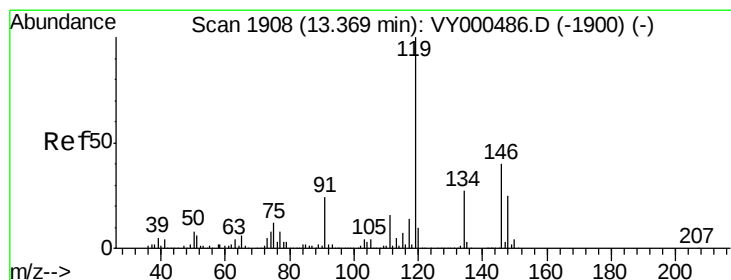
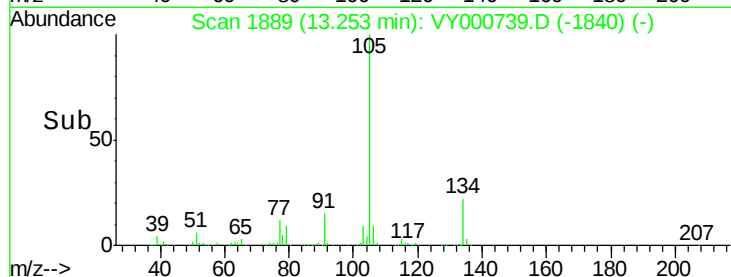
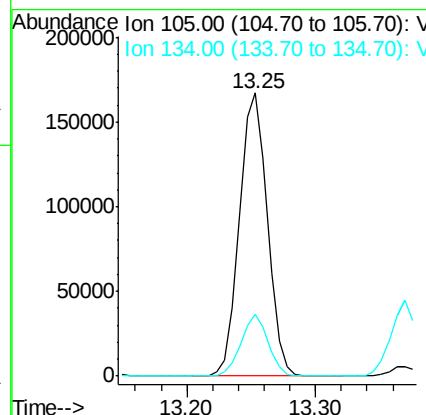
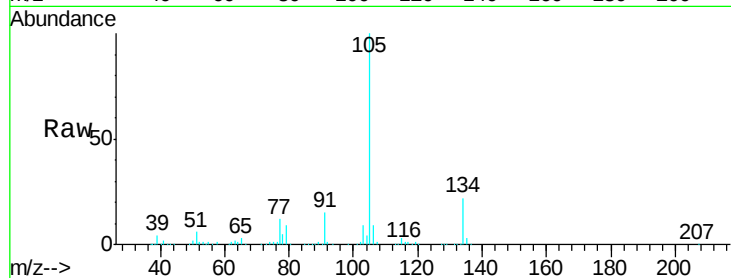




#85
 sec-Butylbenzene
 Concen: 20.874 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

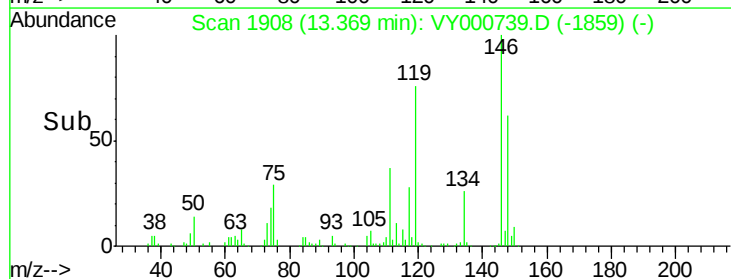
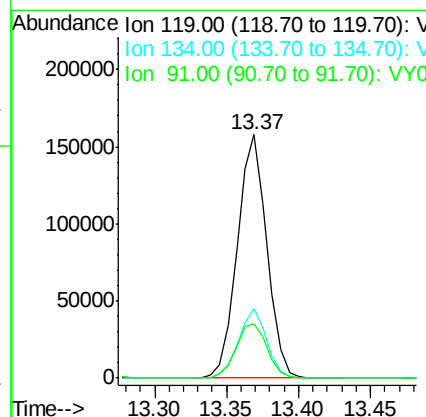
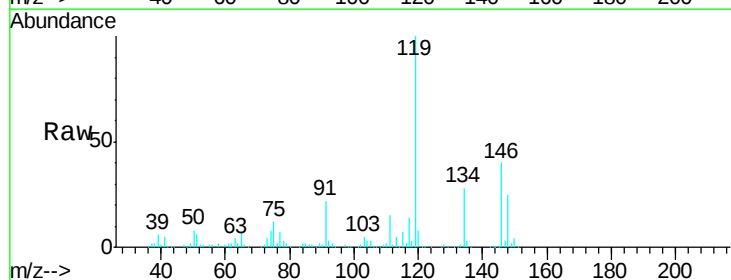
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

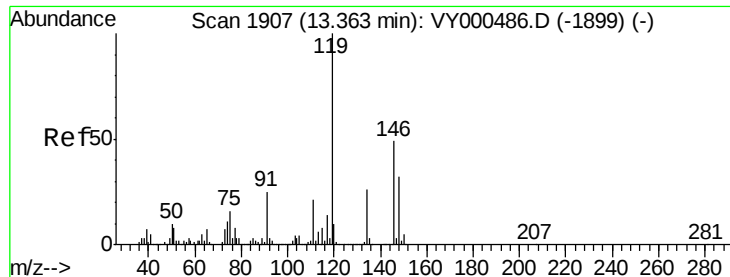
Tgt Ion:105 Resp: 250976
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.983 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion:119 Resp: 224848
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.8
 91 23.7 12.0 36.1

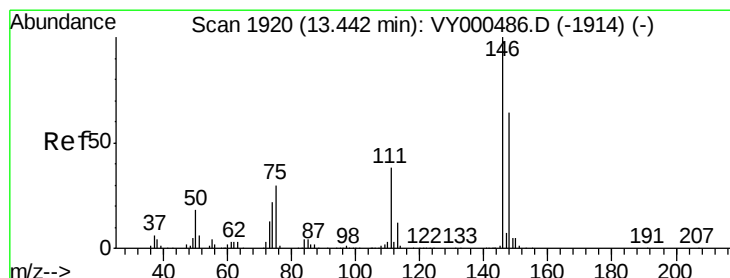
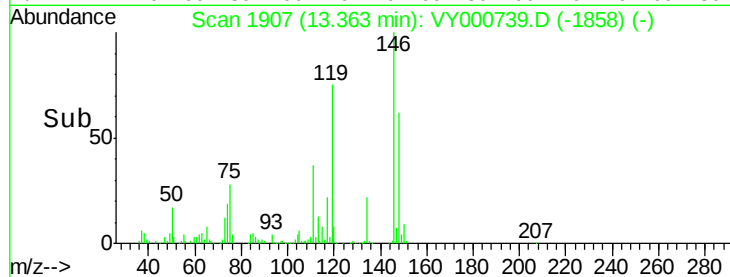
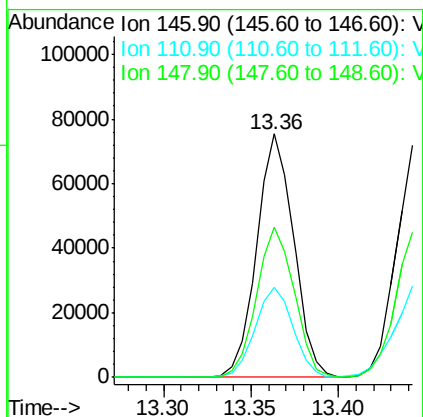
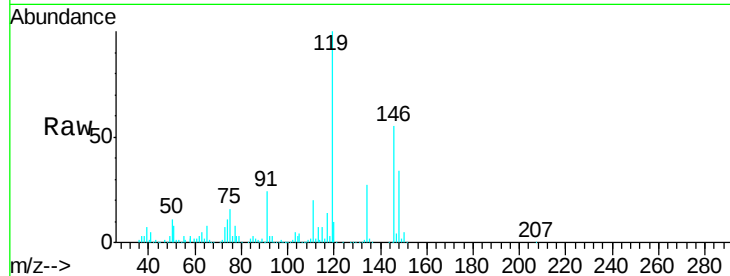




#87
 1,3-Dichlorobenzene
 Concen: 20.928 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

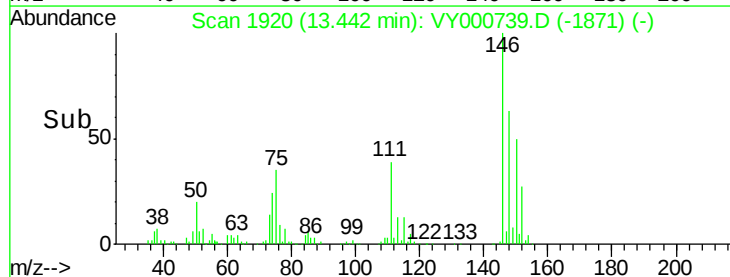
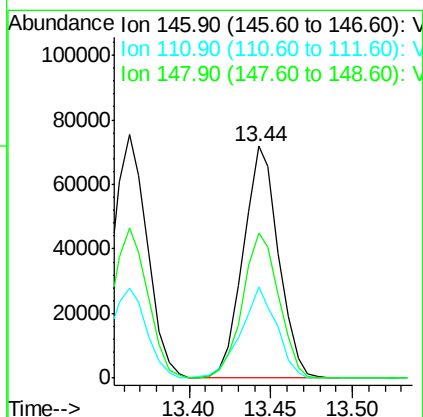
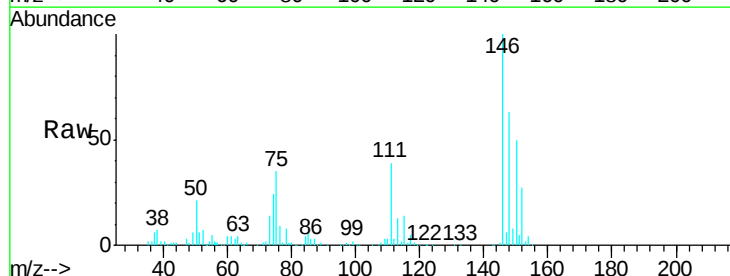
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

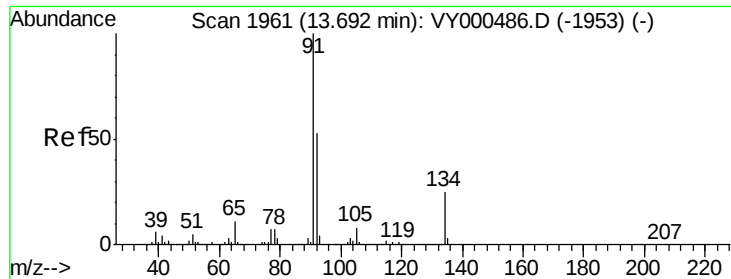
Tgt Ion:146 Resp: 110314
 Ion Ratio Lower Upper
 146 100
 111 38.0 20.3 60.8
 148 63.1 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 20.595 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion:146 Resp: 108481
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.7 59.0
 148 64.1 31.9 95.7

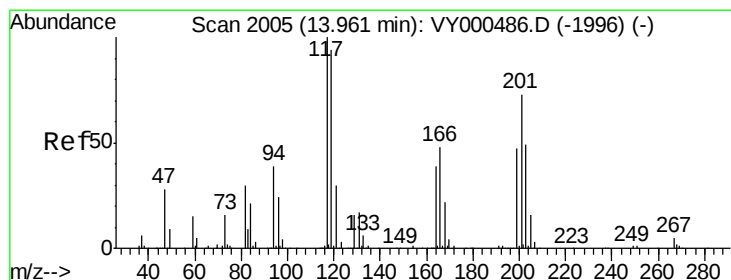
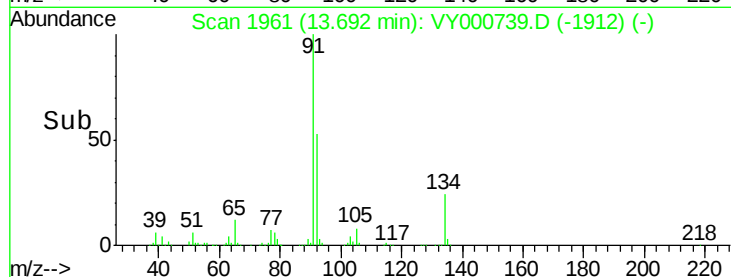
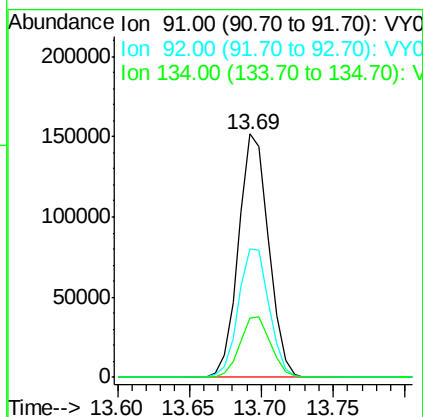
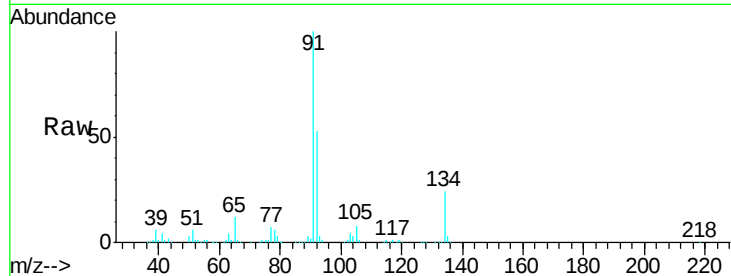




#89
n-Butylbenzene
Concen: 20.860 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

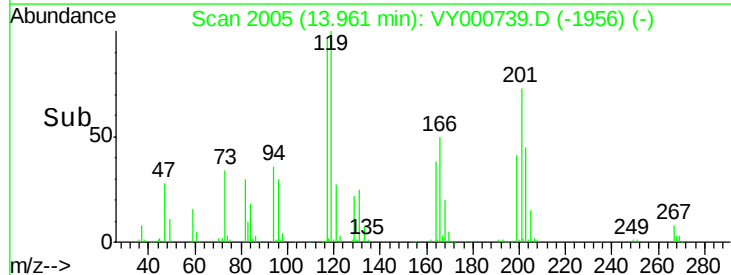
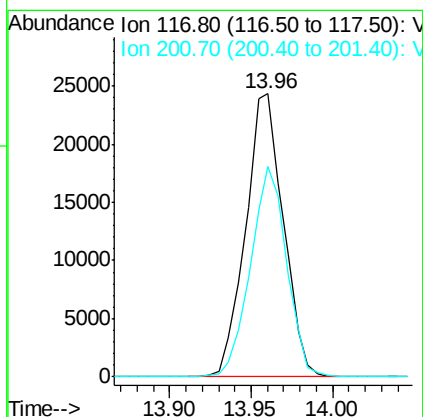
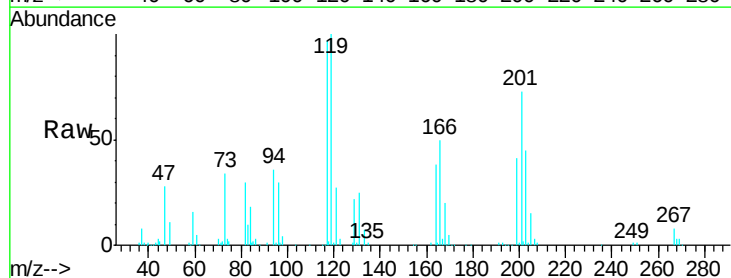
Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

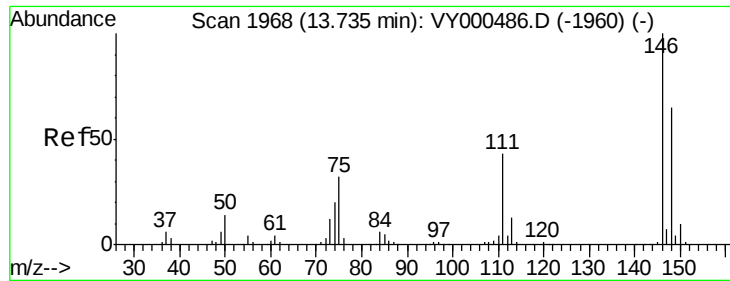
Tgt Ion: 91 Resp: 220468
Ion Ratio Lower Upper
91 100
92 53.7 26.8 80.3
134 25.1 12.9 38.7



#90
Hexachloroethane
Concen: 19.800 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 117 Resp: 39225
Ion Ratio Lower Upper
117 100
201 71.2 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 20.914 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

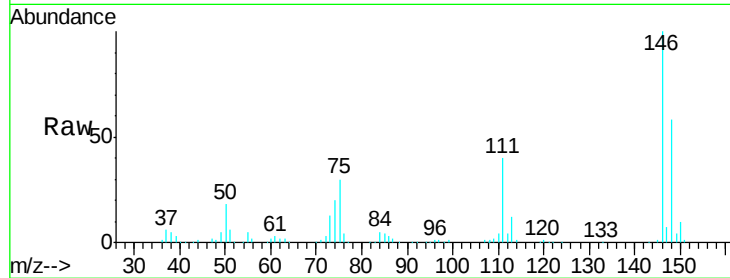
Tgt Ion:146 Resp: 100022

Ion Ratio Lower Upper

146 100

111 41.4 20.5 61.5

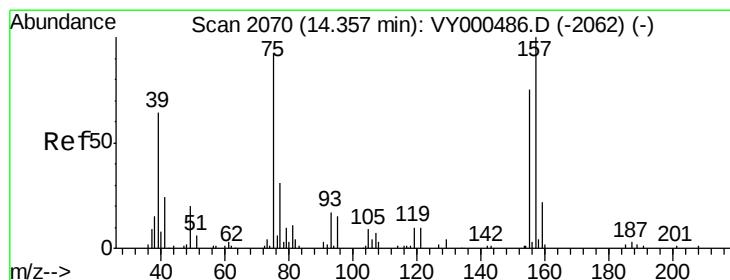
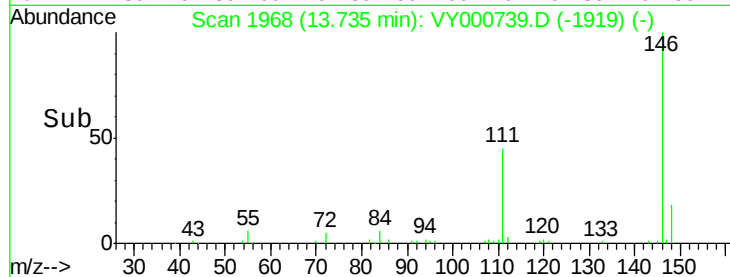
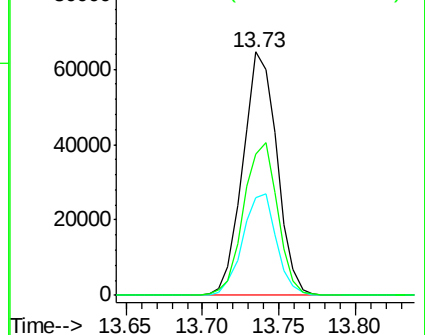
148 62.5 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.076 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

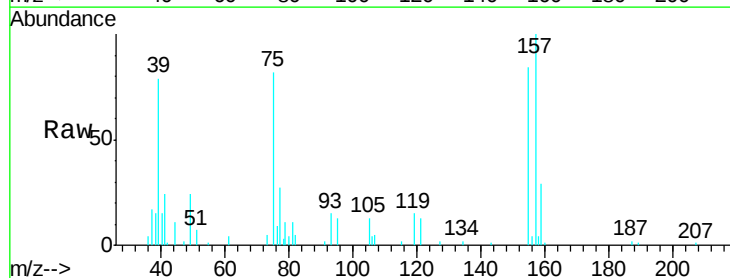
Tgt Ion: 75 Resp: 7933

Ion Ratio Lower Upper

75 100

155 86.3 42.4 127.1

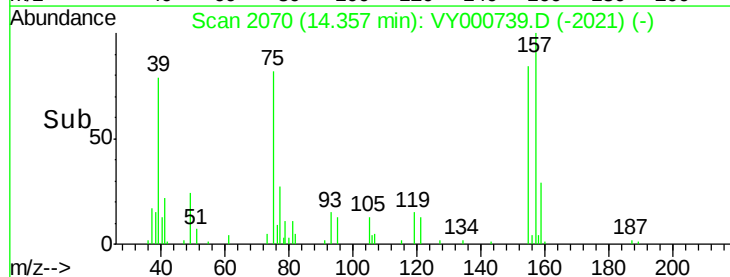
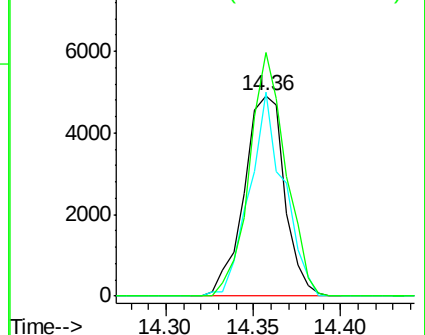
157 108.7 55.1 165.3

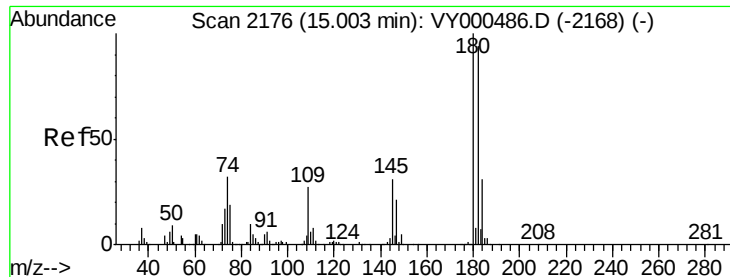


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

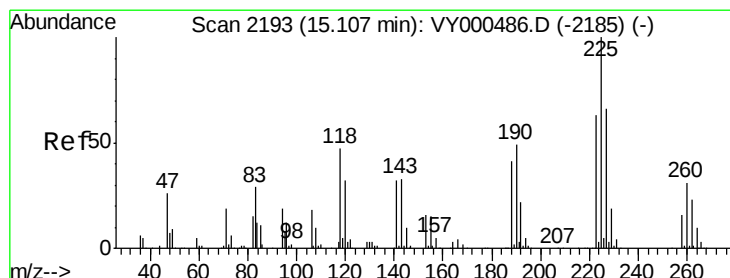
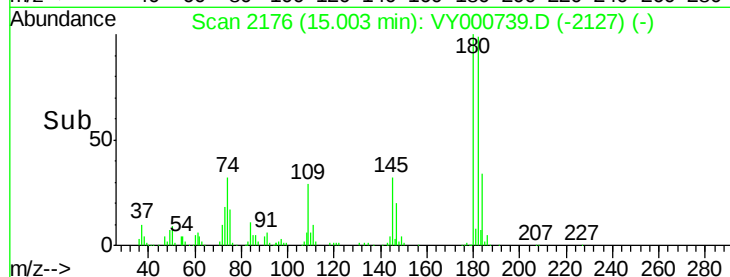
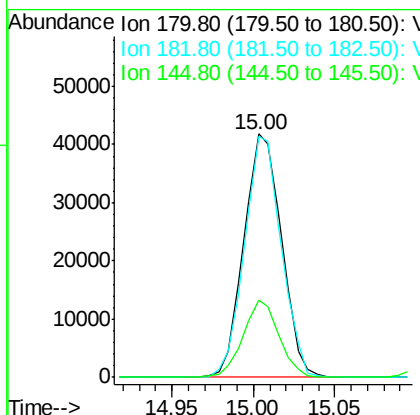
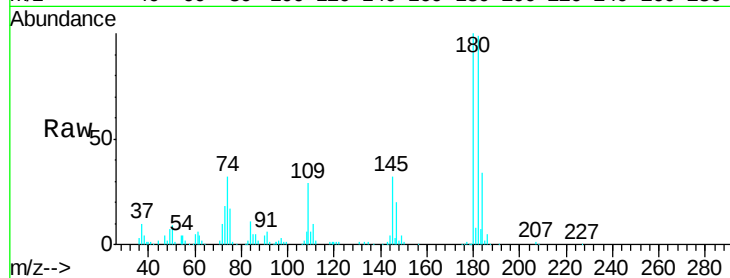




#93
 1,2,4-Trichlorobenzene
 Concen: 20.680 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

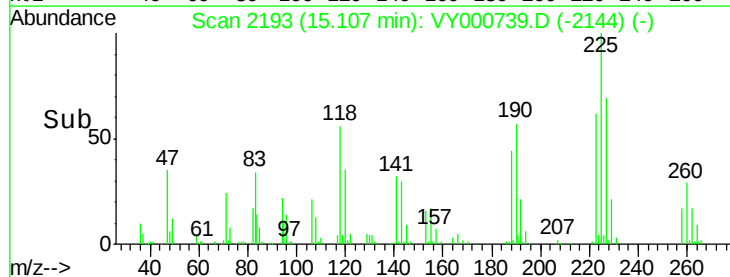
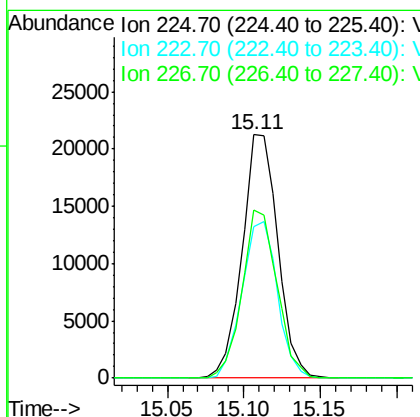
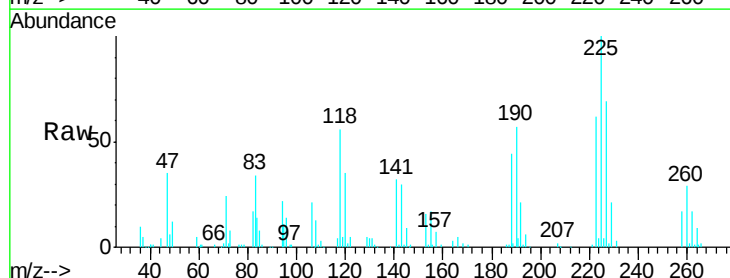
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

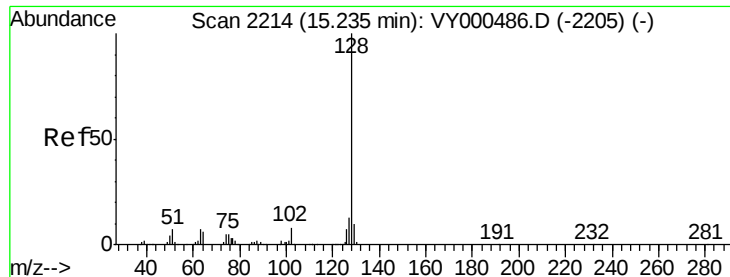
Tgt Ion:180 Resp: 67342
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.8 143.4
 145 30.0 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 20.511 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion:225 Resp: 34431
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.3 93.8
 227 67.4 32.4 97.0

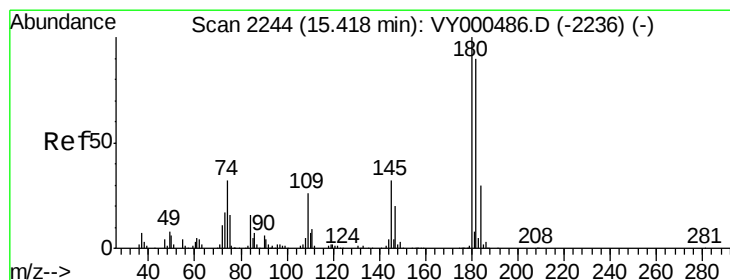
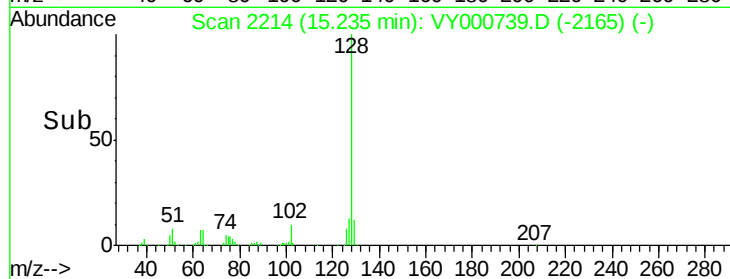
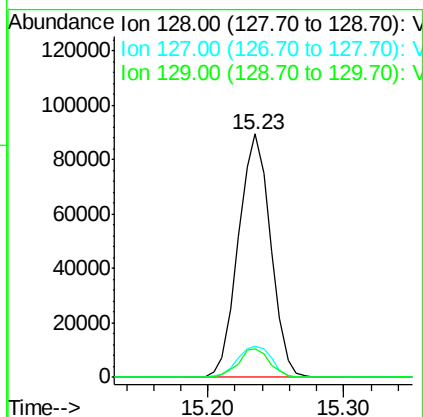
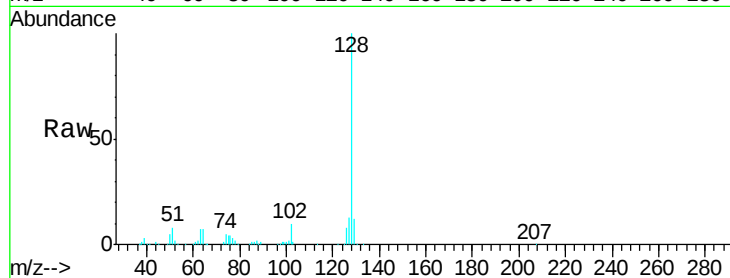




#95
Naphthalene
Concen: 20.484 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tgt Ion:128 Resp: 148082
Ion Ratio Lower Upper
128 100
127 13.6 9.8 14.6
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.990 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion:180 Resp: 61324
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.3
145 30.7 15.7 47.0

