

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
 Data File : VY000543.D
 Acq On : 06 Nov 2019 12:12
 Operator : SY/MD
 Sample : VY1106SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 04:54:59 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	253595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	417919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	373064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	185373	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	135808	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
35) Dibromofluoromethane	7.73	113	120218	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
50) Toluene-d8	10.18	98	489907	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.48	95	168312	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	48497	19.427	ug/l	97
3) Chloromethane	2.11	50	70204	20.415	ug/l	96
4) Vinyl Chloride	2.25	62	63328	19.831	ug/l	97
5) Bromomethane	2.65	94	47222	24.659	ug/l	89
6) Chloroethane	2.79	64	40416	20.222	ug/l	99
7) Trichlorofluoromethane	3.12	101	87785	20.355	ug/l	96
8) Diethyl Ether	3.53	74	31525	20.572	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	51779	19.859	ug/l	99
10) Methyl Iodide	4.09	142	47962	16.280	ug/l	98
11) Tert butyl alcohol	5.00	59	23384	91.534	ug/l #	72
12) 1,1-Dichloroethene	3.88	96	51849	20.468	ug/l	91
13) Acrolein	3.74	56	19055	85.631	ug/l	100
14) Allyl chloride	4.49	41	85581	20.777	ug/l	99
15) Acrylonitrile	5.18	53	79724	101.559	ug/l	98
16) Acetone	3.96	43	63375	87.618	ug/l	98
17) Carbon Disulfide	4.19	76	161524	20.217	ug/l	98
18) Methyl Acetate	4.49	43	42278	18.798	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	142259	20.198	ug/l	96
20) Methylene Chloride	4.72	84	63121	20.366	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	58794	20.530	ug/l	95
22) Diisopropyl ether	6.13	45	180020	20.108	ug/l #	96
23) Vinyl Acetate	6.07	43	587850	104.016	ug/l	98
24) 1,1-Dichloroethane	6.03	63	98789	20.368	ug/l #	97
25) 2-Butanone	7.00	43	110892	96.064	ug/l	93
26) 2,2-Dichloropropane	6.99	77	90053	20.317	ug/l	95
27) cis-1,2-Dichloroethene	7.00	96	64339	20.546	ug/l	97
28) Bromochloromethane	7.35	49	24297	14.178	ug/l	98
29) Tetrahydrofuran	7.36	42	72534	102.712	ug/l	99
30) Chloroform	7.51	83	99063	20.190	ug/l	94
31) Cyclohexane	7.80	56	100605	19.804	ug/l #	95
32) 1,1,1-Trichloroethane	7.71	97	89865	20.551	ug/l	99
36) 1,1-Dichloropropene	7.93	75	82154	20.794	ug/l	98
37) Ethyl Acetate	7.08	43	48460	20.660	ug/l #	95
38) Carbon Tetrachloride	7.91	117	78372	20.616	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	105775	20.723	ug/l	97
40) Benzene	8.17	78	235121	20.299	ug/l	95
41) Methacrylonitrile	7.36	41	65255	49.869	ug/l #	7
42) 1,2-Dichloroethane	8.24	62	68679	20.906	ug/l	99
43) Isopropyl Acetate	8.28	43	91459	20.757	ug/l	98
44) Trichloroethene	8.94	130	63689	20.855	ug/l	94
45) 1,2-Dichloropropane	9.22	63	58569	20.545	ug/l	90
46) Dibromomethane	9.31	93	32036	20.434	ug/l	98
47) Bromodichloromethane	9.50	83	76612	20.594	ug/l	97
48) Methyl methacrylate	9.30	41	40119	20.839	ug/l	96
49) 1,4-Dioxane	9.30	88	8567	406.013	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	245013	104.586	ug/l	99
52) Toluene	10.25	92	150615	20.567	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	86207	21.688	ug/l	94
54) cis-1,3-Dichloropropene	9.93	75	96565	21.206	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	46665	20.579	ug/l	95
56) Ethyl methacrylate	10.51	69	66771	20.775	ug/l	98
57) 1,3-Dichloropropane	10.79	76	81548	20.547	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.79	63	141402	97.316	ug/l	98
59) 2-Hexanone	10.83	43	171487	100.469	ug/l	100
60) Dibromochloromethane	10.99	129	52423	20.183	ug/l	98
61) 1,2-Dibromoethane	11.09	107	45056	20.665	ug/l	99
64) Tetrachloroethene	10.72	164	63654	20.635	ug/l	97
65) Chlorobenzene	11.52	112	159017	21.023	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	55980	21.340	ug/l	98
67) Ethyl Benzene	11.59	91	291000	20.904	ug/l	98
68) m/p-Xylenes	11.70	106	225768	41.903	ug/l	100
69) o-Xylene	12.03	106	105361	20.807	ug/l	96
70) Styrene	12.04	104	176366	20.340	ug/l	99
71) Bromoform	12.20	173	30316	20.093	ug/l #	99
73) Isopropylbenzene	12.33	105	281276	20.530	ug/l	100
74) N-amyl acetate	12.14	43	82758	21.091	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	55202	20.349	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	75981	35.998	ug/l #	100
77) Bromobenzene	12.61	156	62279	20.046	ug/l	97
78) n-propylbenzene	12.67	91	342440	20.715	ug/l	98
79) 2-Chlorotoluene	12.75	91	186647	20.338	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	237752	20.836	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	19008	20.191	ug/l	95
82) 4-Chlorotoluene	12.85	91	197123	20.722	ug/l	100
83) tert-Butylbenzene	13.07	119	200202	20.549	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	238086	20.957	ug/l	100
85) sec-Butylbenzene	13.25	105	287936	20.744	ug/l	99
86) p-Isopropyltoluene	13.37	119	256867	20.764	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	126809	20.838	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	126337	20.776	ug/l	98
89) n-Butylbenzene	13.69	91	255232	20.918	ug/l	99
90) Hexachloroethane	13.96	117	47801	20.901	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	117664	21.311	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10232	21.313	ug/l	91

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Quant Time: Nov 07 04:54:59 2019
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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

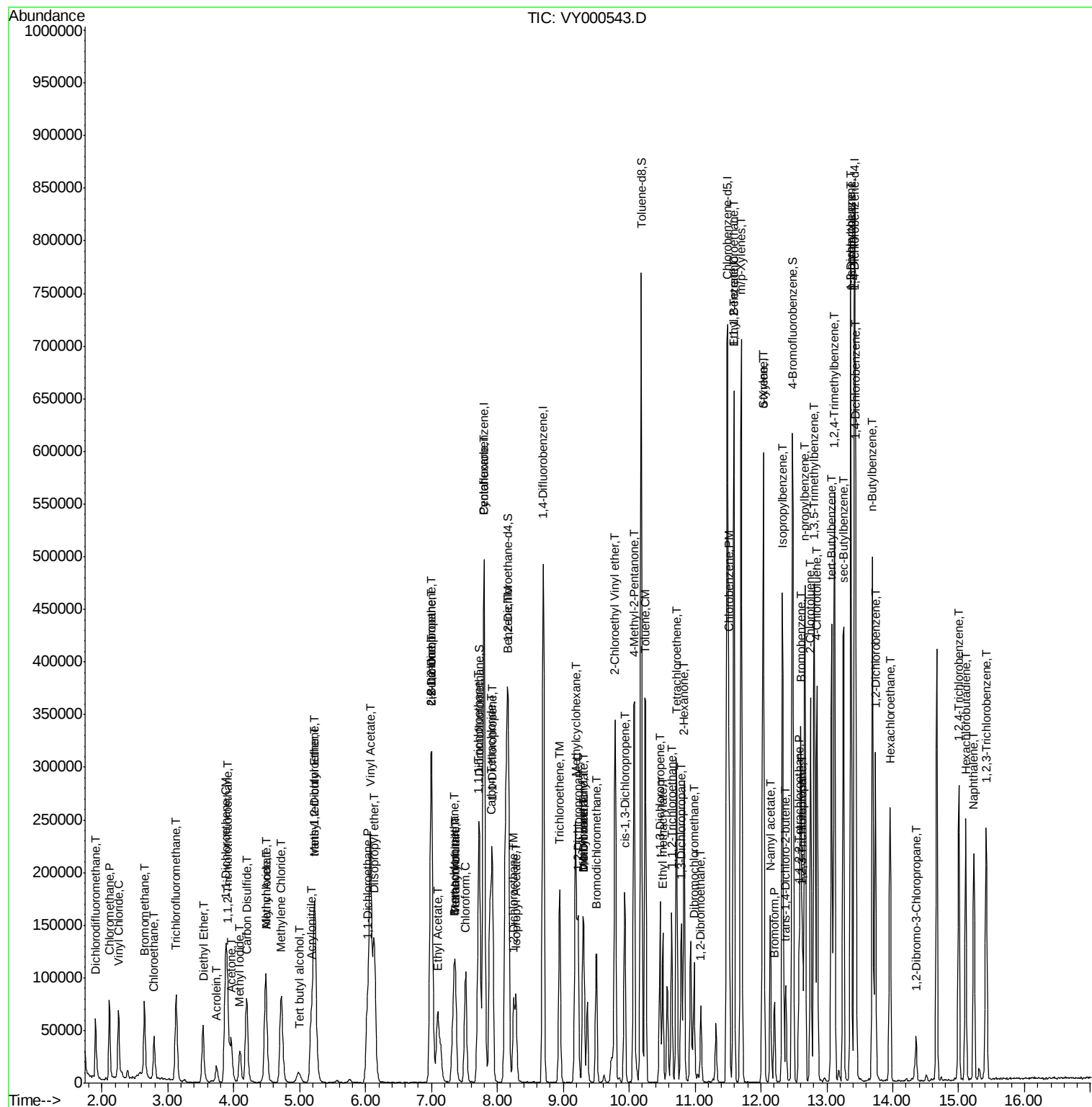
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	77942	20.732	ug/l	99
94) Hexachlorobutadiene	15.11	225	42173	21.762	ug/l	98
95) Naphthalene	15.23	128	178264	21.360	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	70673	20.954	ug/l	96

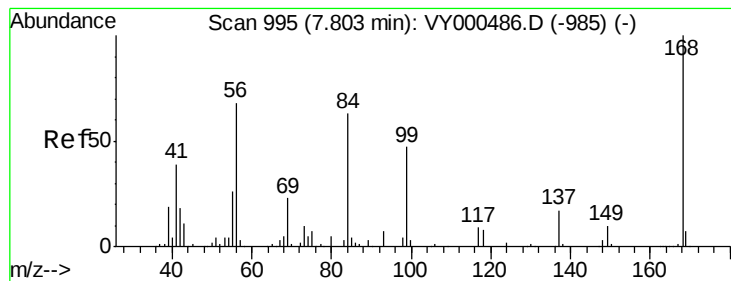
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 06 Nov 2019 12:12
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ClientSampleId :

Quant Time: Nov 07 04:54:59 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

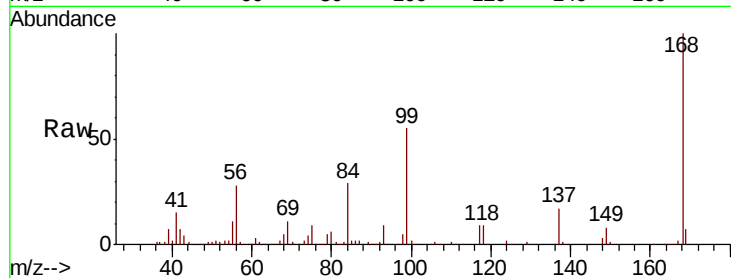
ClientSampleId :

Tot Ion:168 Resp: 253595

Ion Ratio Lower Upper

168 100

99 55.3 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

120000

100000

80000

60000

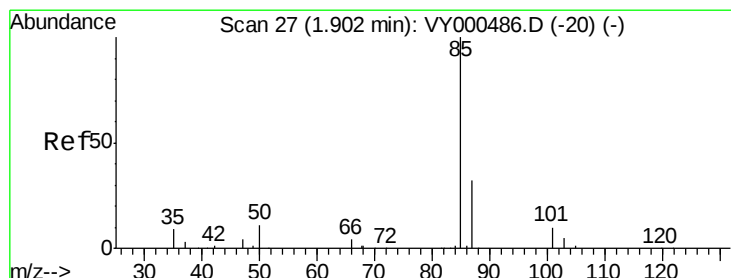
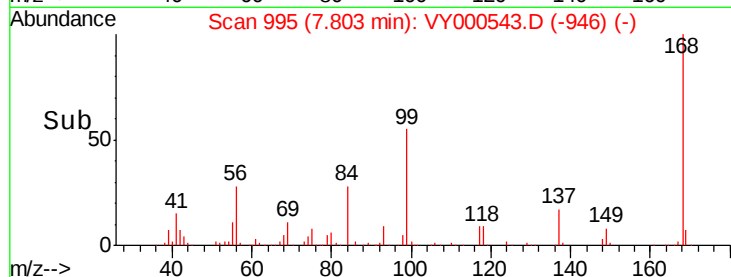
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.427 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000543.D

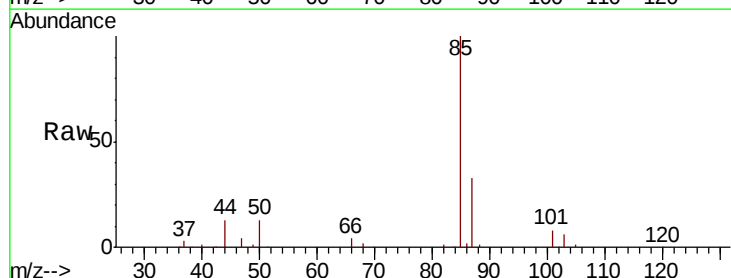
Acq: 06 Nov 2019 12:12

Tgt Ion: 85 Resp: 48497

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.7



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

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

1.90

30000

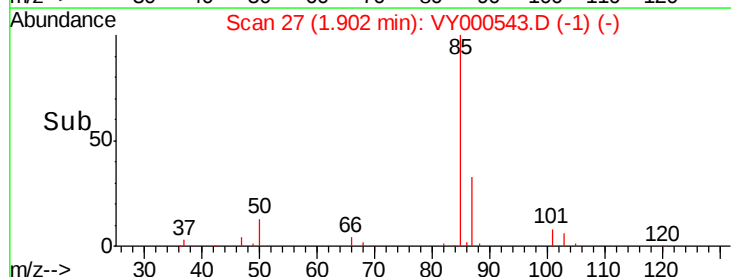
20000

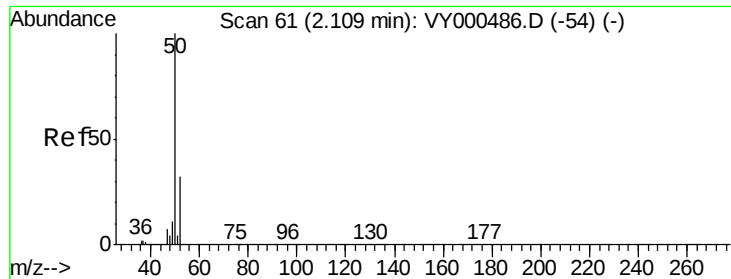
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.415 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

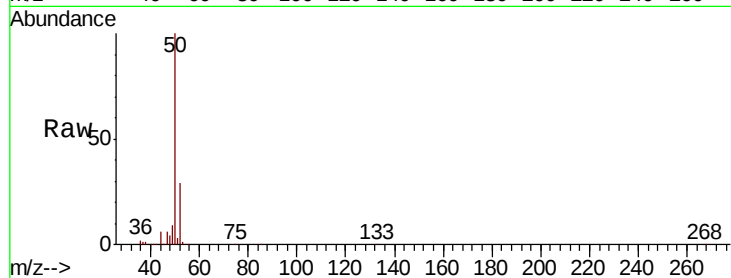
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 70204

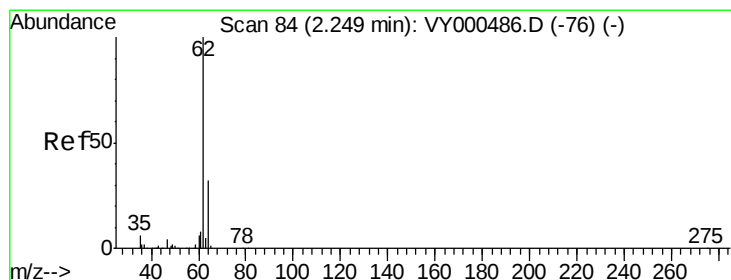
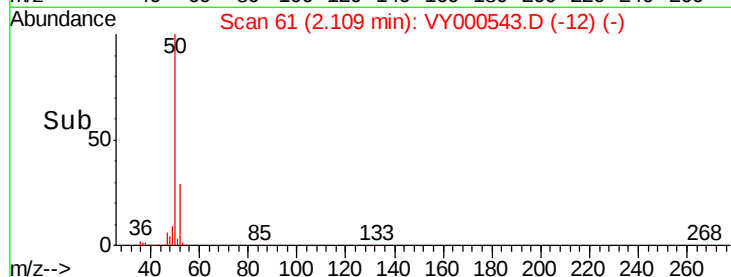
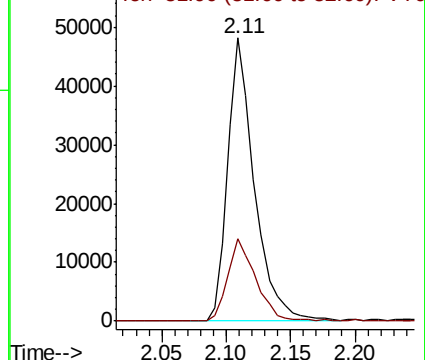
Ion Ratio Lower Upper

50 100

52 29.2 25.2 37.8



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



#4

Vinyl Chloride

Concen: 19.831 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000543.D

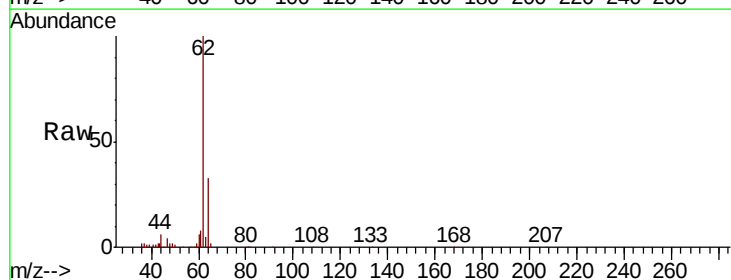
Acq: 06 Nov 2019 12:12

Tgt Ion: 62 Resp: 63328

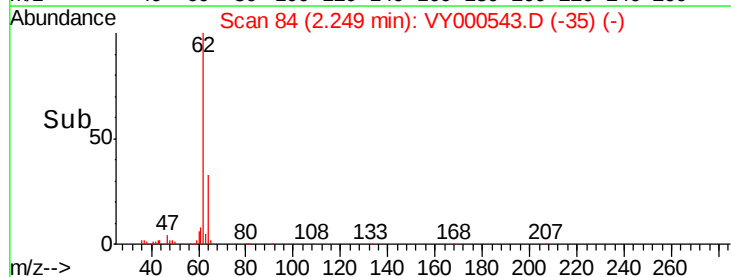
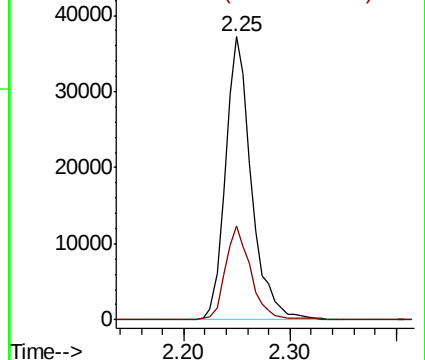
Ion Ratio Lower Upper

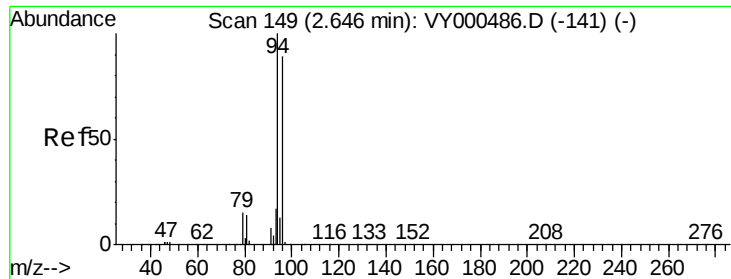
62 100

64 33.2 25.2 37.8



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





#5

Bromomethane

Concen: 24.659 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

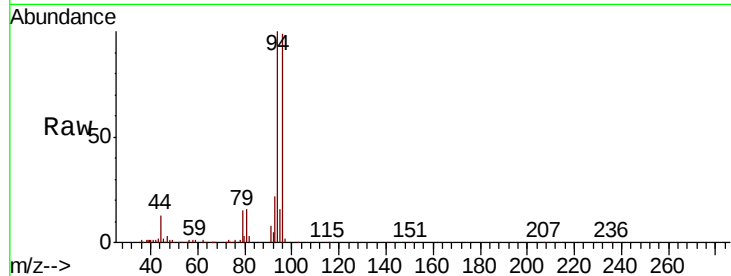
ClientSampleId :

Tot Ion: 94 Resp: 47222

Ion Ratio Lower Upper

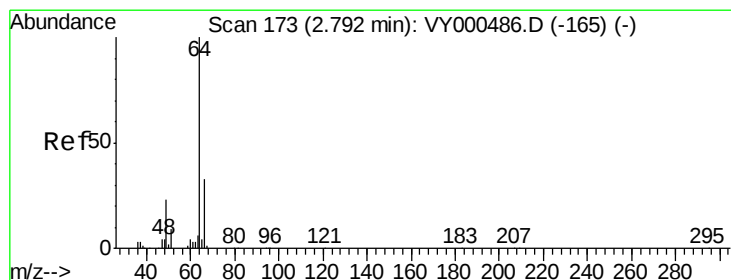
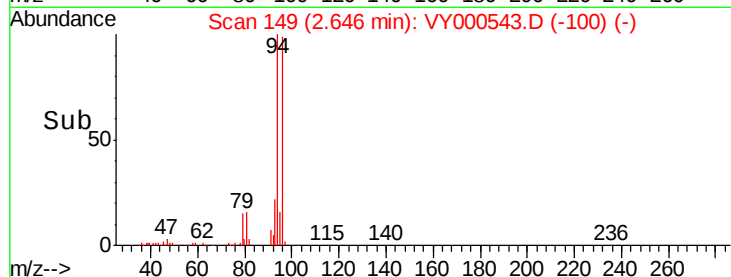
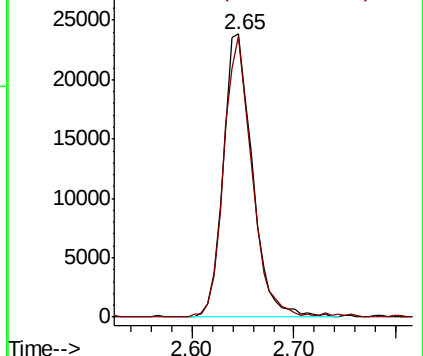
94 100

96 99.1 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: 20.222 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000543.D

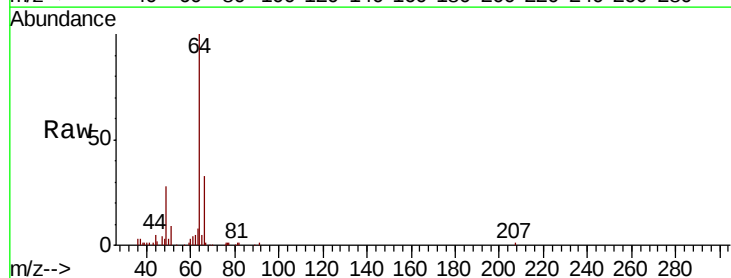
Acq: 06 Nov 2019 12:12

Tgt Ion: 64 Resp: 40416

Ion Ratio Lower Upper

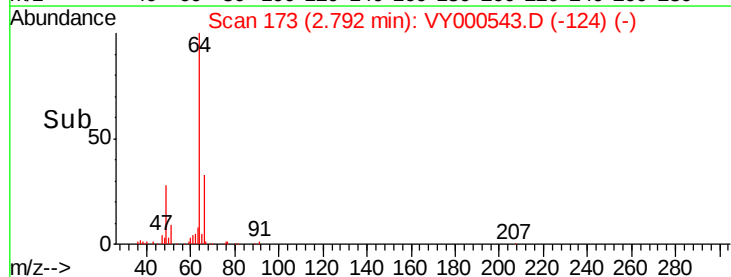
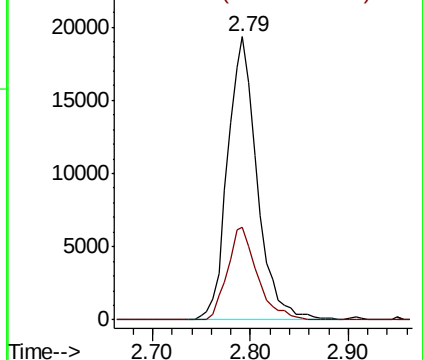
64 100

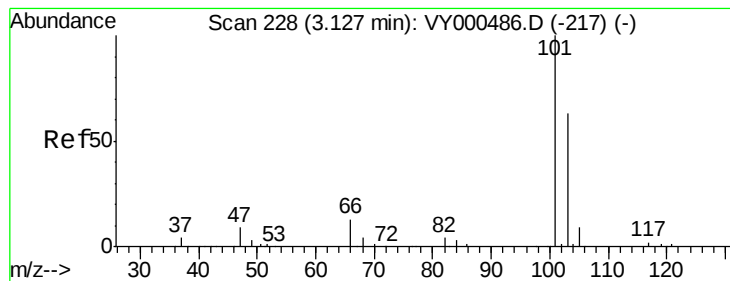
66 32.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



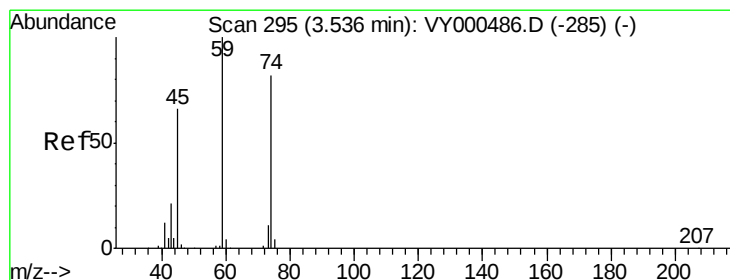
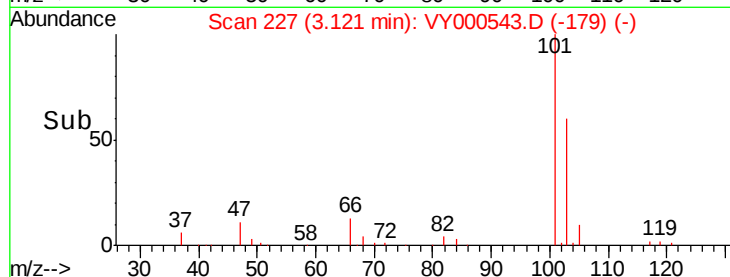
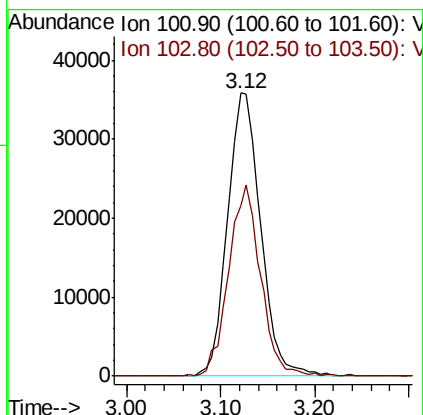
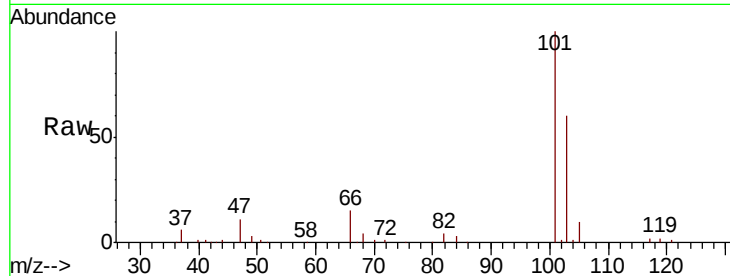


#7

Trichlorofluoromethane
 Concen: 20.355 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :

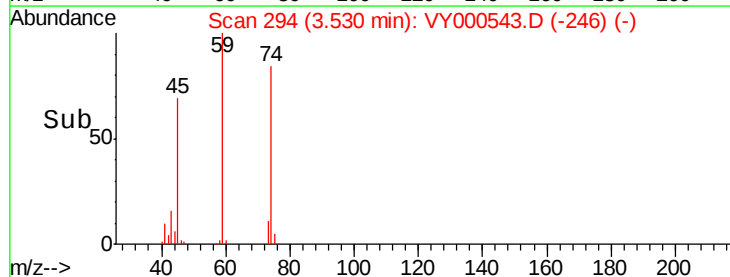
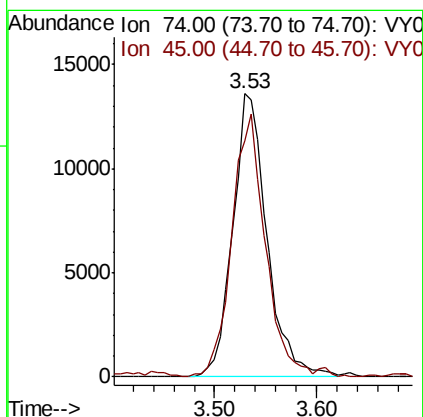
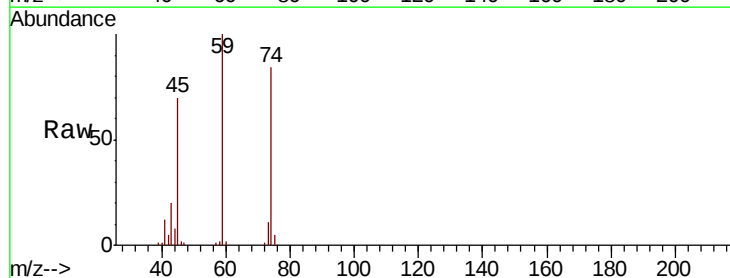
Tot Ion:101 Resp: 87785
 Ion Ratio Lower Upper
 101 100
 103 60.0 50.5 75.7

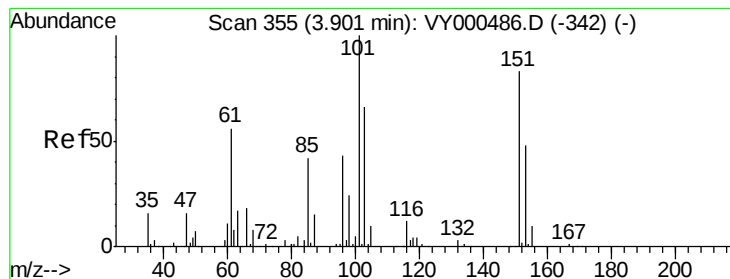


#8

Diethyl Ether
 Concen: 20.572 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion: 74 Resp: 31525
 Ion Ratio Lower Upper
 74 100
 45 90.8 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.859 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

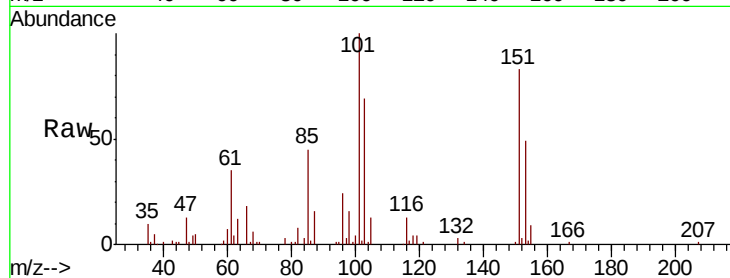
Tot Ion:101 Resp: 51779

Ion Ratio Lower Upper

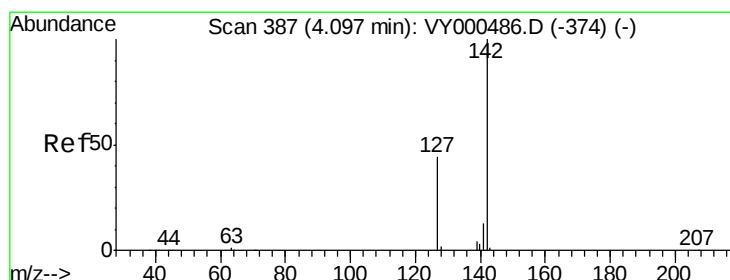
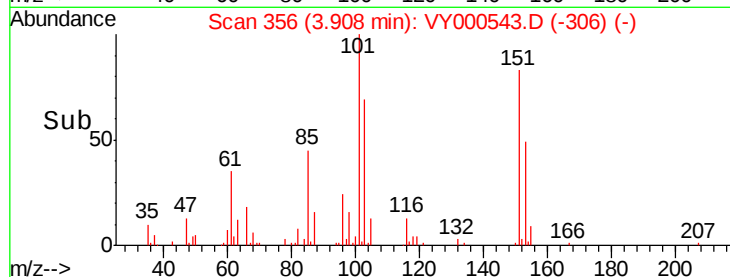
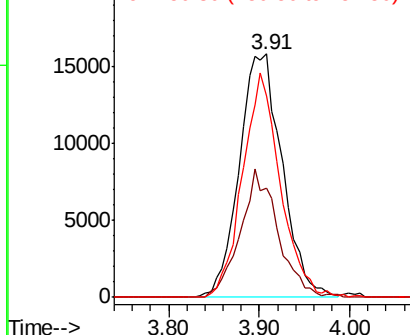
101 100

85 45.9 36.7 55.1

151 81.1 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: 16.280 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

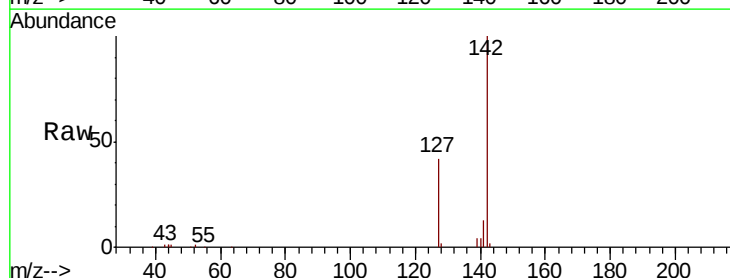
Tgt Ion:142 Resp: 47962

Ion Ratio Lower Upper

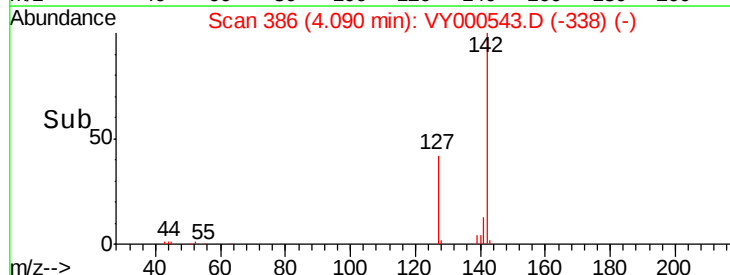
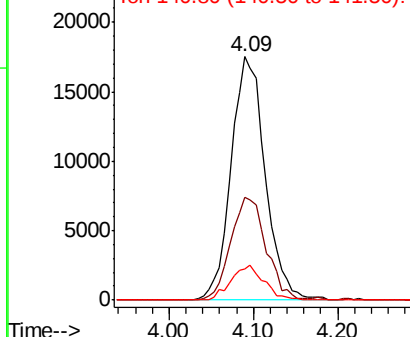
142 100

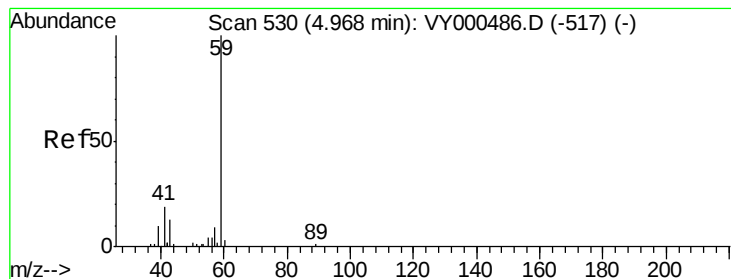
127 43.7 33.7 50.5

141 13.9 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: 91.534 ug/l

RT: 5.00 min Scan# 535

Delta R.T. 0.03 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

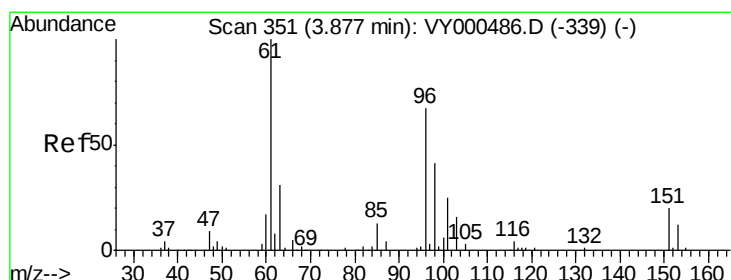
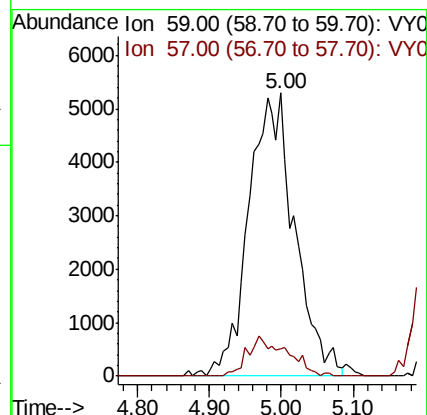
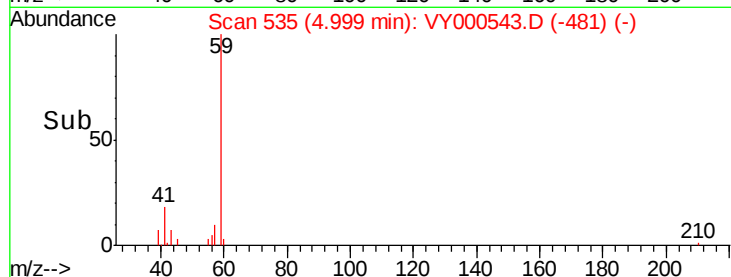
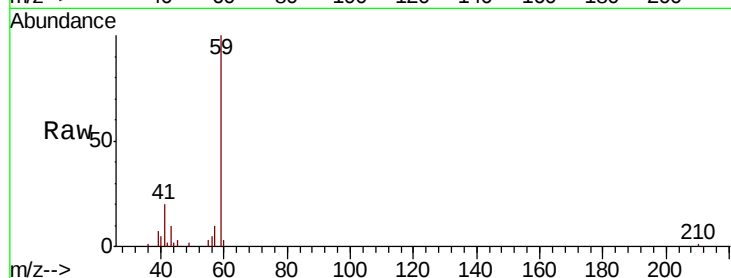
ClientSampleId :

Tot Ion: 59 Resp: 23384

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#12

1,1-Dichloroethene

Concen: 20.468 ug/l

RT: 3.88 min Scan# 351

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

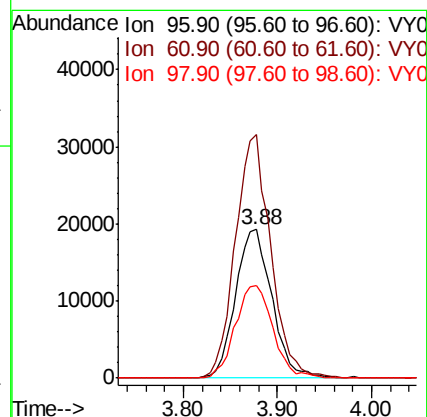
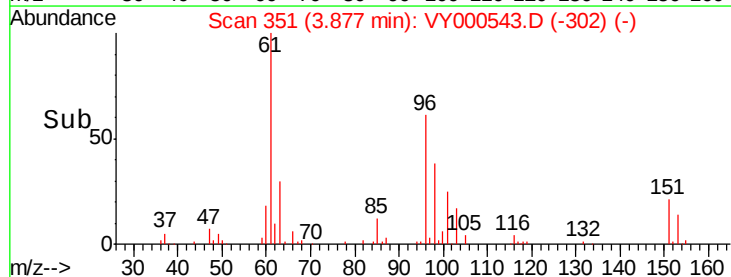
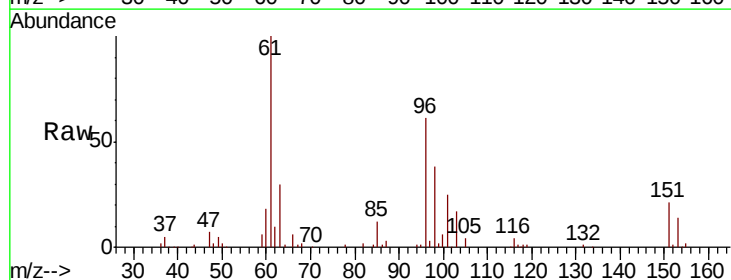
Tgt Ion: 96 Resp: 51849

Ion Ratio Lower Upper

96 100

61 164.0 119.2 178.8

98 62.2 48.6 73.0





#13

Acrolein

Concen: 85.631 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

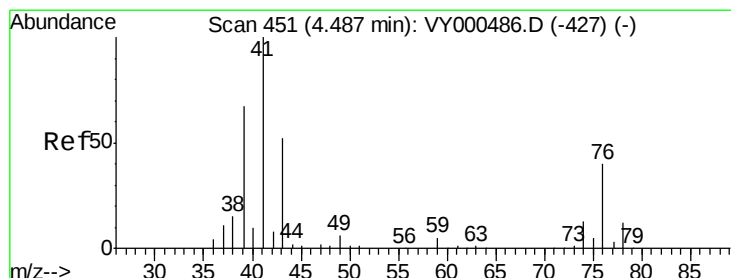
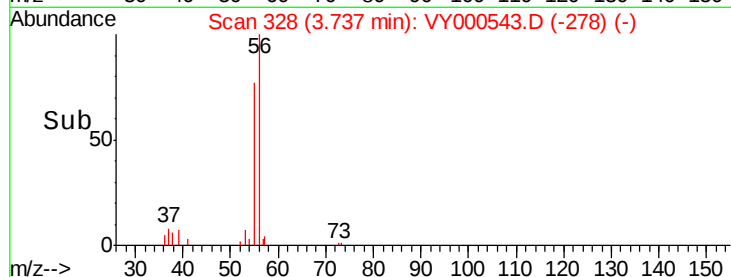
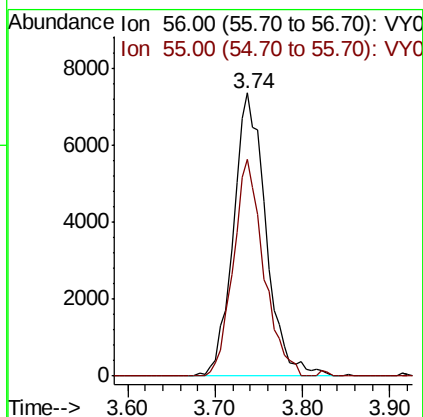
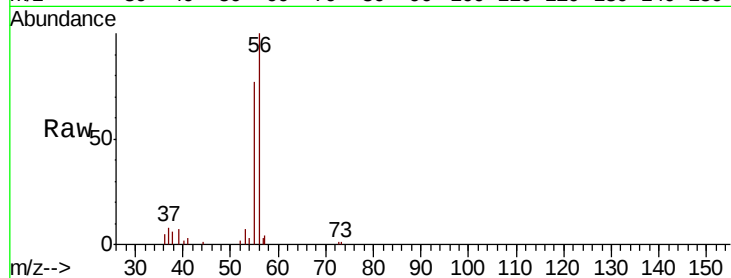
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 19055

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.6



#14

Allyl chloride

Concen: 20.777 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

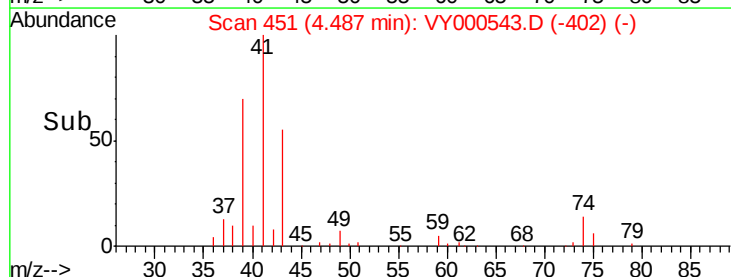
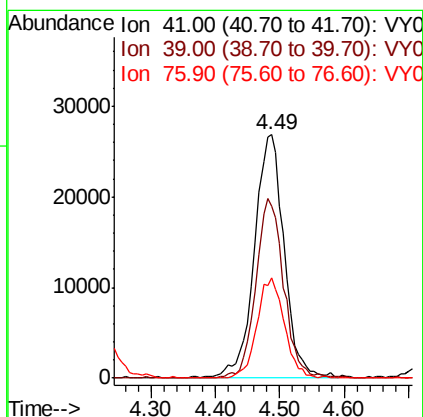
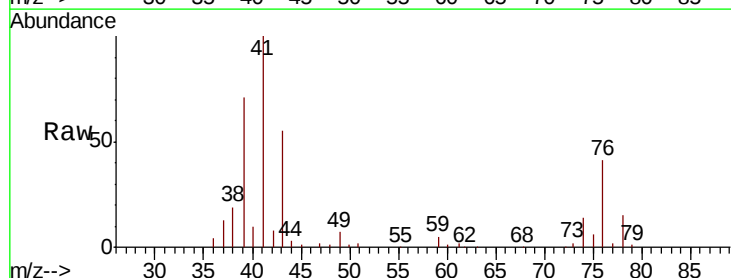
Tgt Ion: 41 Resp: 85581

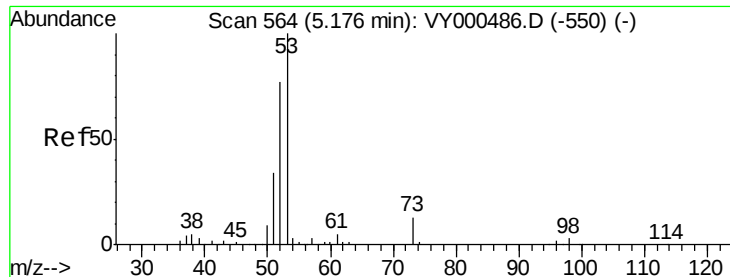
Ion Ratio Lower Upper

41 100

39 68.2 53.6 80.4

76 37.6 29.8 44.6





#15

Acrylonitrile

Concen: 101.559 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :

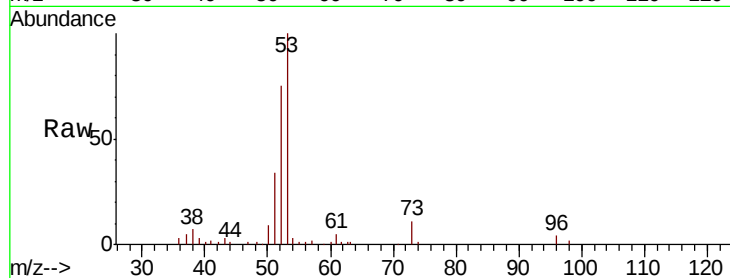
Tot Ion: 53 Resp: 79724

Ion Ratio Lower Upper

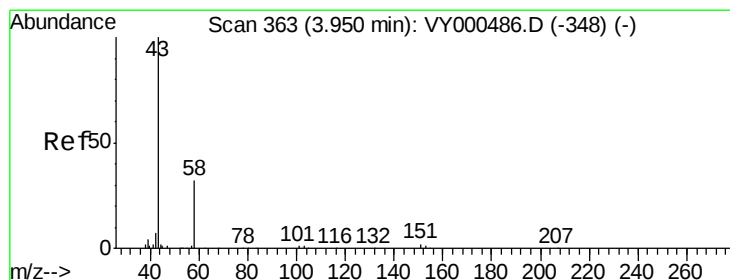
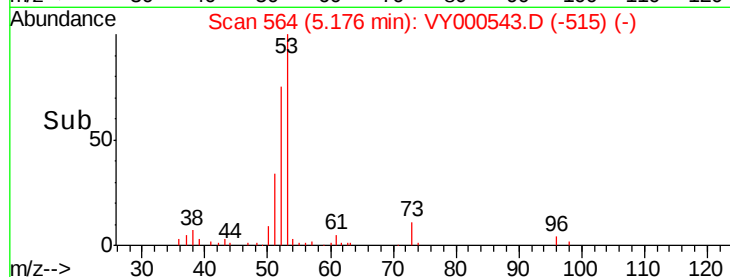
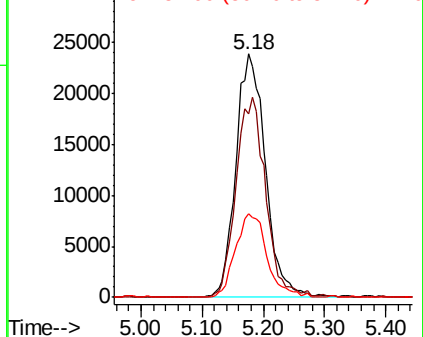
53 100

52 82.2 64.9 97.3

51 36.5 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: 87.618 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000543.D

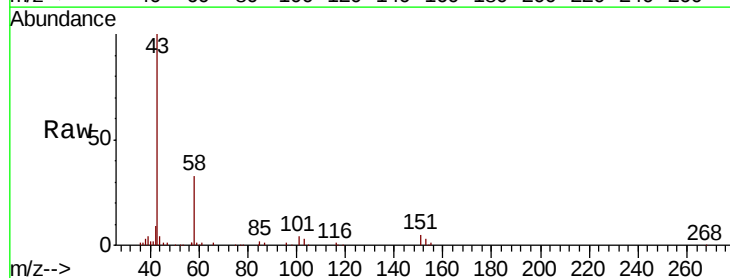
Acq: 06 Nov 2019 12:12

Tgt Ion: 43 Resp: 63375

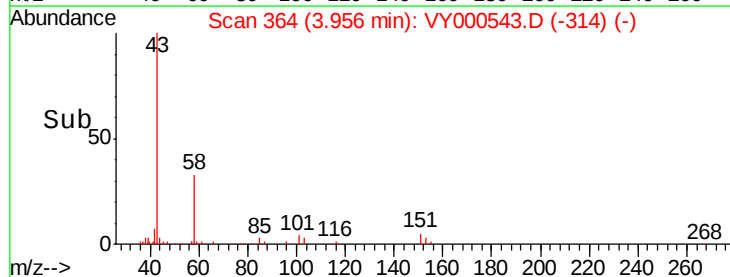
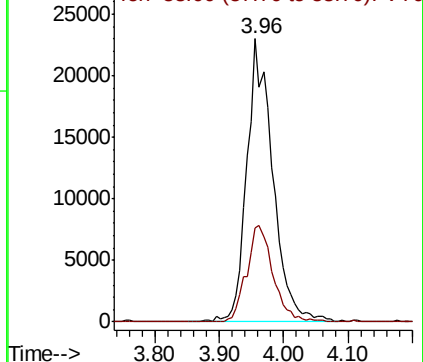
Ion Ratio Lower Upper

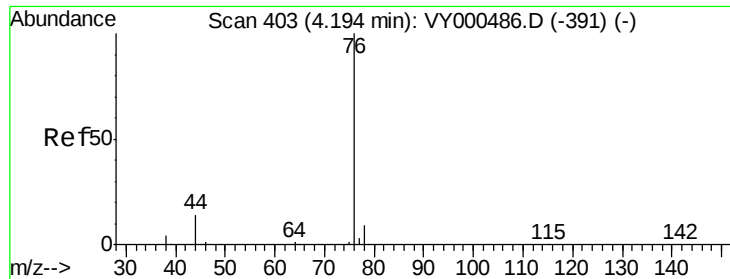
43 100

58 33.2 25.8 38.6



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

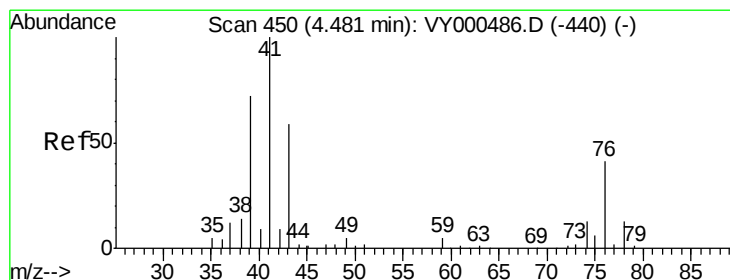
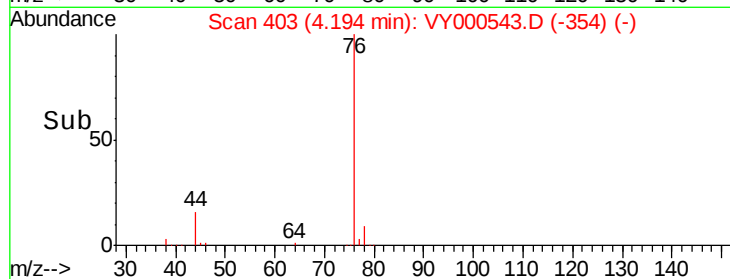
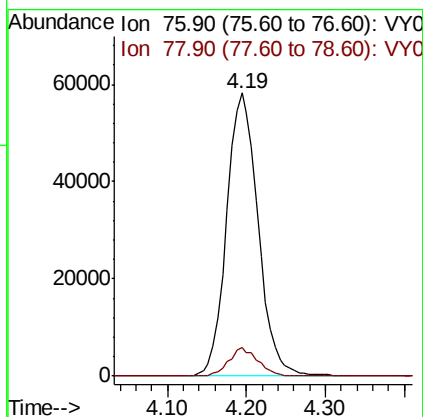
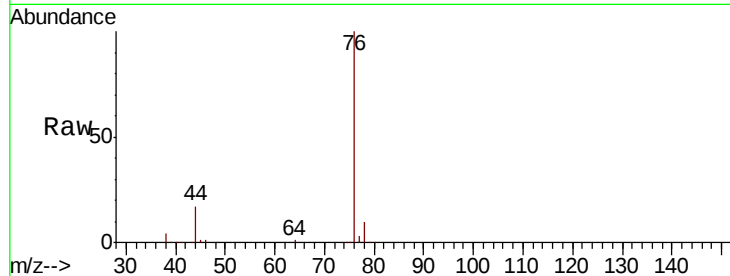




#17
Carbon Disulfide
Concen: 20.217 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

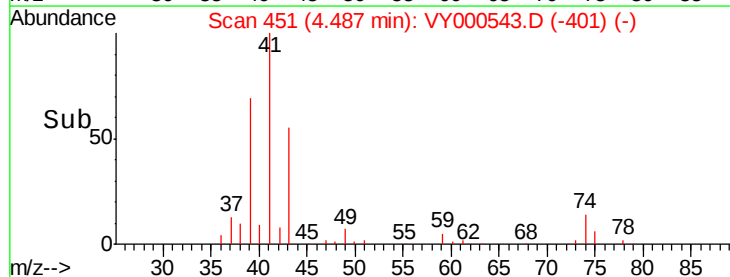
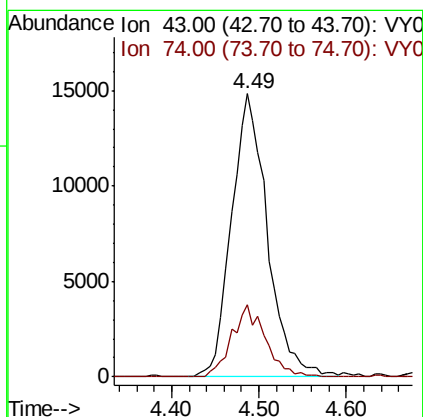
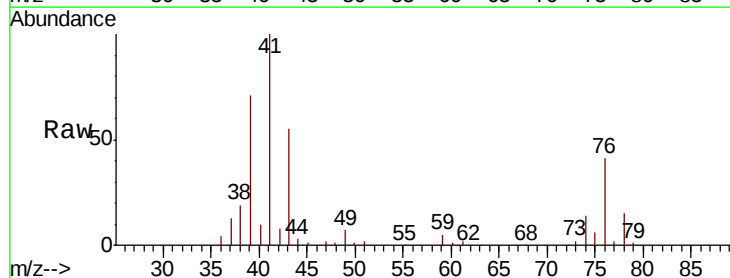
Instrument :
MSVOA_Y
ClientSampleId :

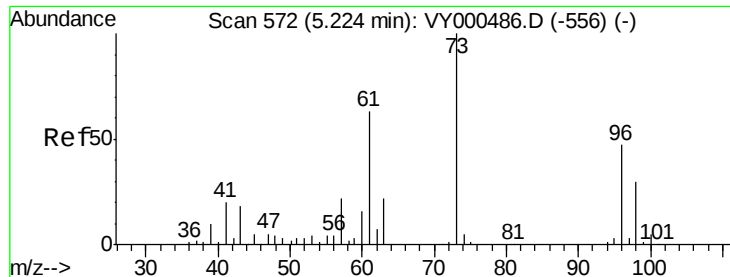
Tot Ion: 76 Resp: 161524
Ion Ratio Lower Upper
76 100
78 10.2 7.5 11.3



#18
Methyl Acetate
Concen: 18.798 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 43 Resp: 42278
Ion Ratio Lower Upper
43 100
74 23.7 19.2 28.8

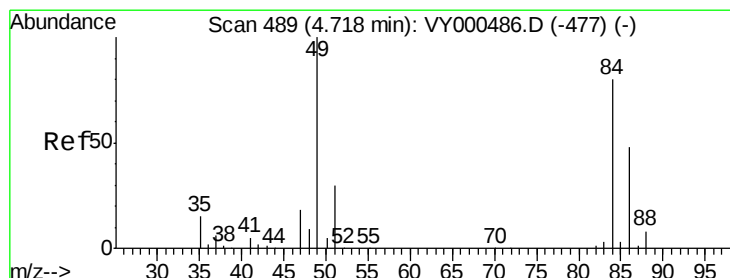
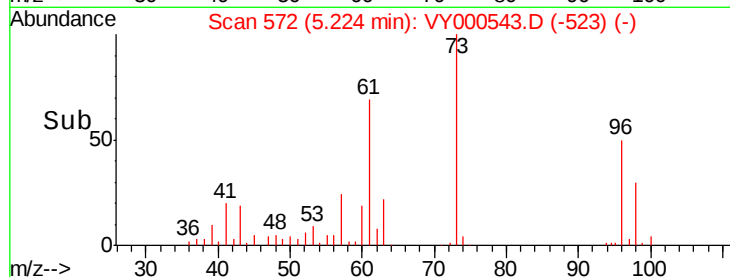
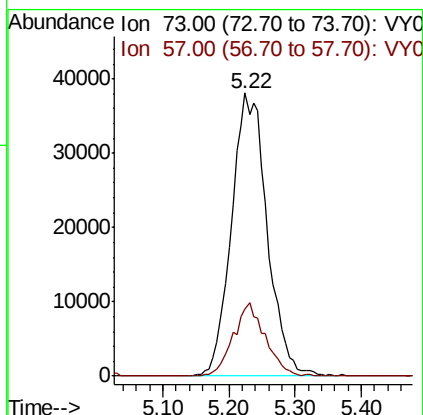
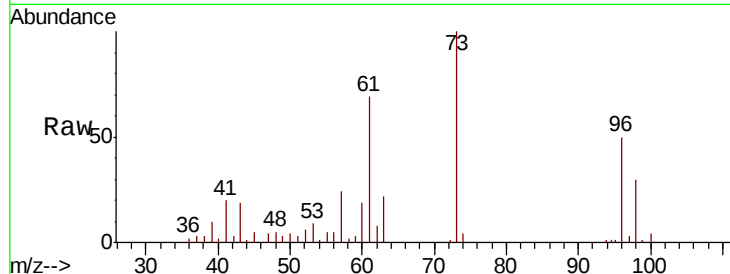




#19
Methvl tert-butvl Ether
Concen: 20.198 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

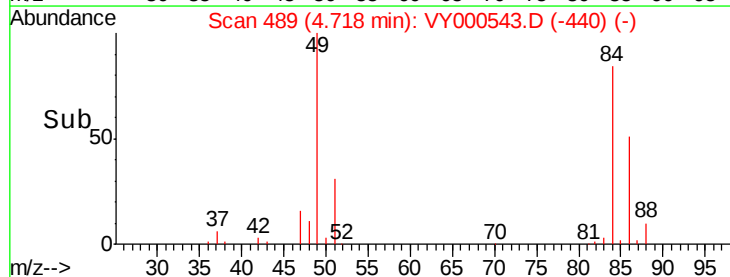
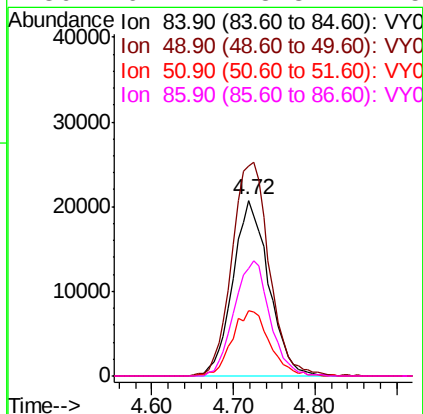
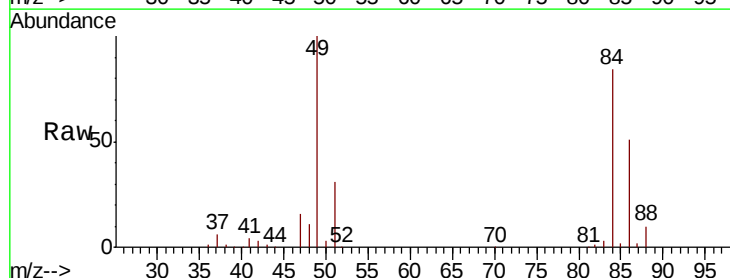
Instrument :
MSVOA_Y
ClientSampled :

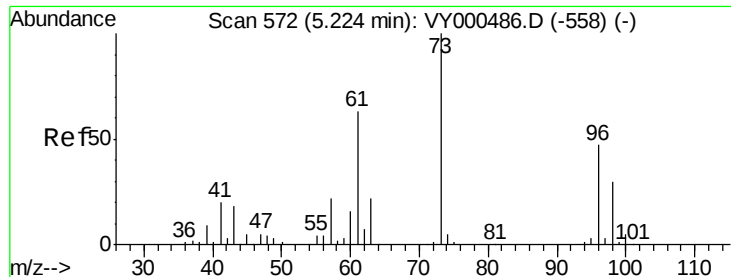
Tot Ion: 73 Resp: 142259
Ion Ratio Lower Upper
73 100
57 23.8 17.4 26.0



#20
Methylene Chloride
Concen: 20.366 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 84 Resp: 63121
Ion Ratio Lower Upper
84 100
49 119.7 100.2 150.4
51 37.0 29.6 44.4
86 61.4 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 20.530 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

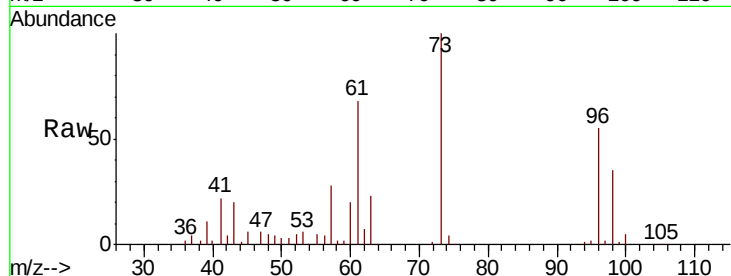
Tot Ion: 96 Resp: 58794

Ion Ratio Lower Upper

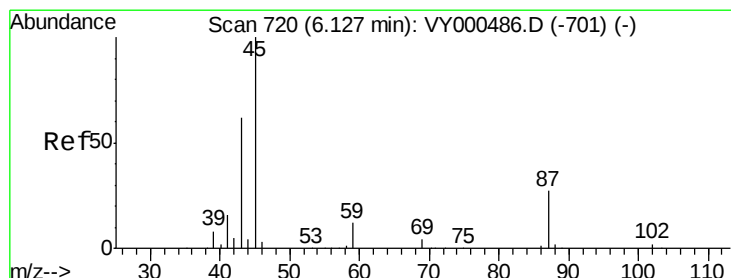
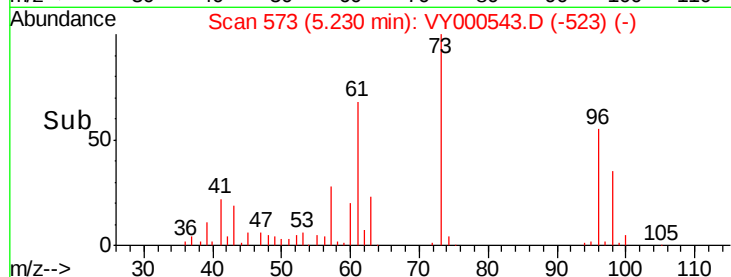
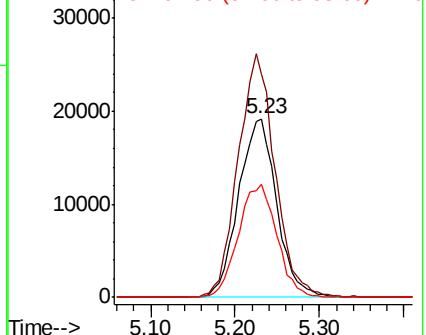
96 100

61 124.7 106.6 160.0

98 63.5 50.6 76.0



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



#22

Diisopropyl ether

Concen: 20.108 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Tgt Ion: 45 Resp: 180020

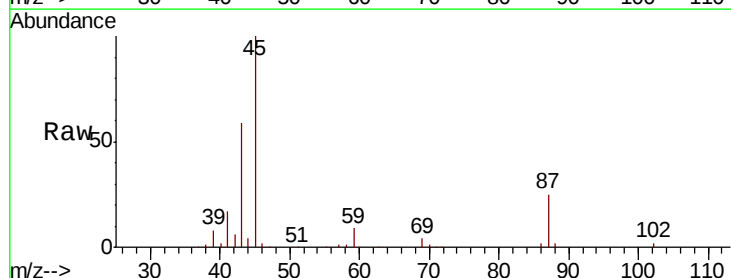
Ion Ratio Lower Upper

45 100

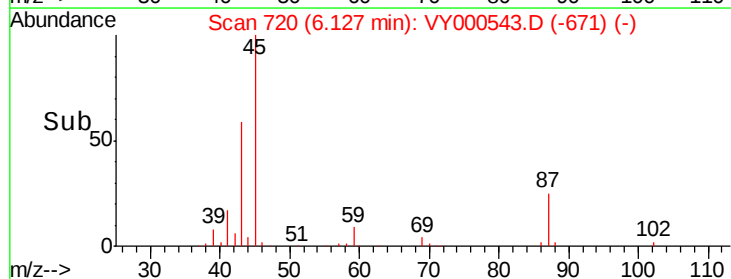
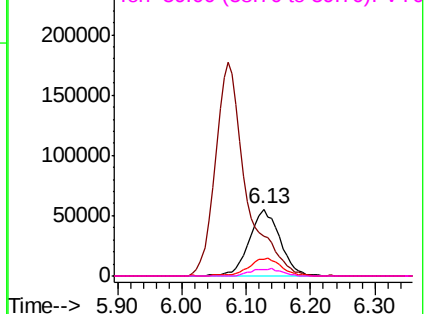
43 59.1 50.0 75.0

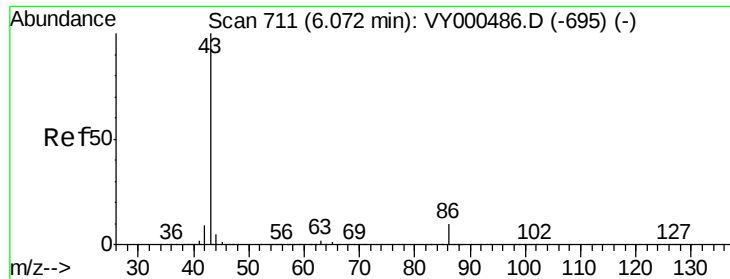
87 25.4 21.6 32.4

59 9.0 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

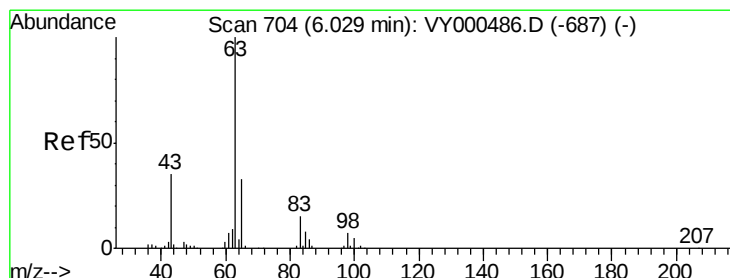
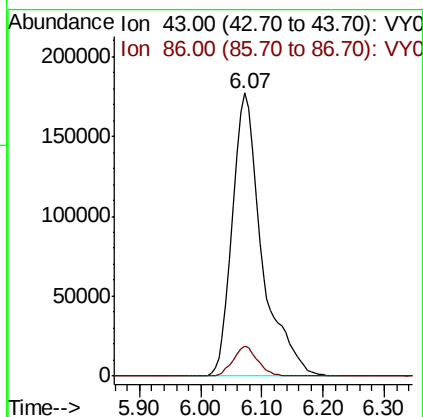
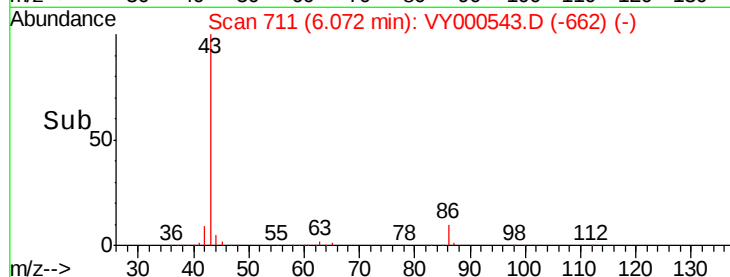
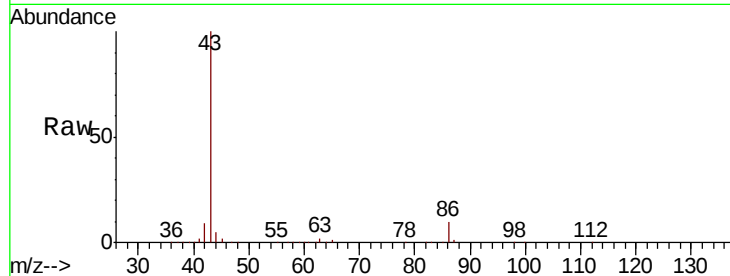




#23
 Vinyl Acetate
 Concen: 104.016 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

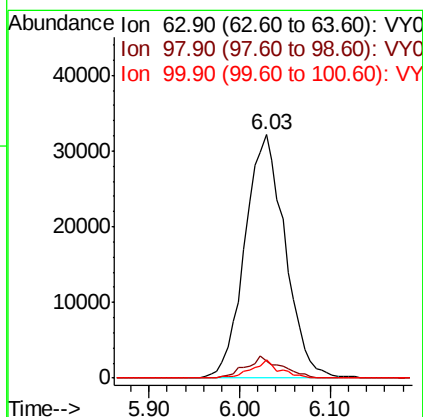
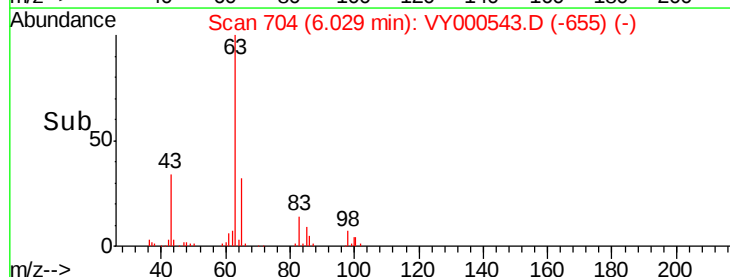
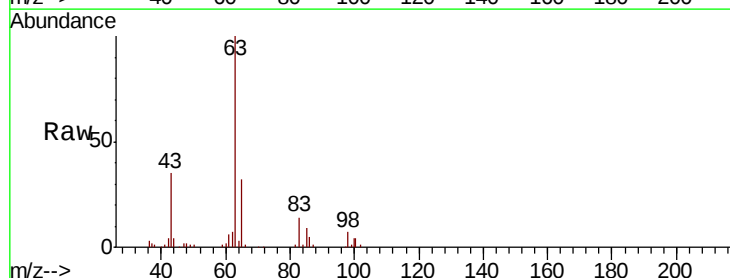
Instrument :
 MSVOA_Y
 ClientSampleId :

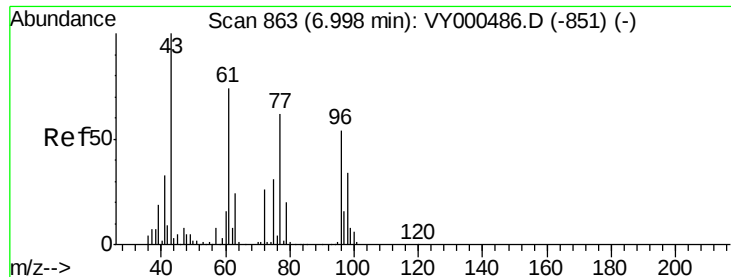
Tot Ion: 43 Resp: 587850
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 20.368 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion: 63 Resp: 98789
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 7.5 2.4 7.1#

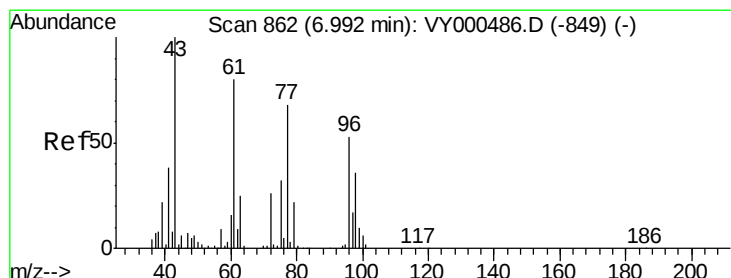
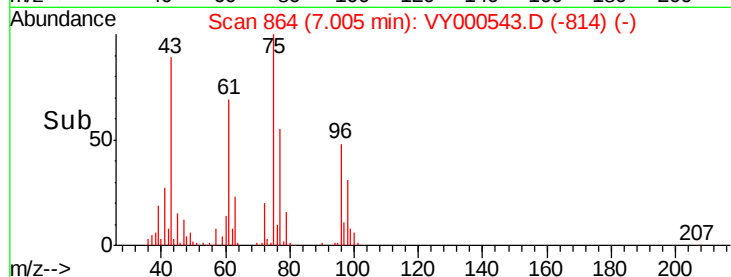
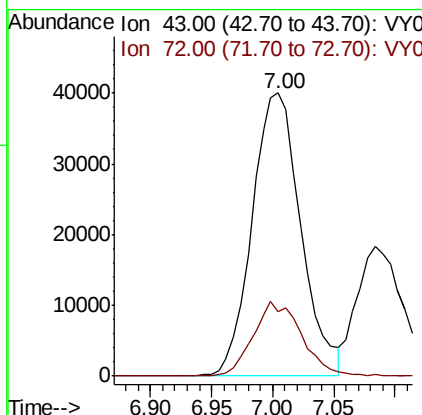
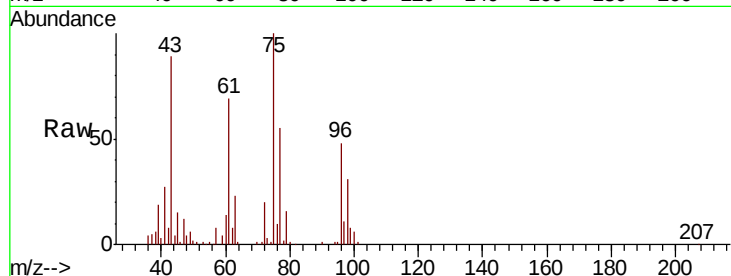




#25
2-Butanone
Concen: 96.064 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

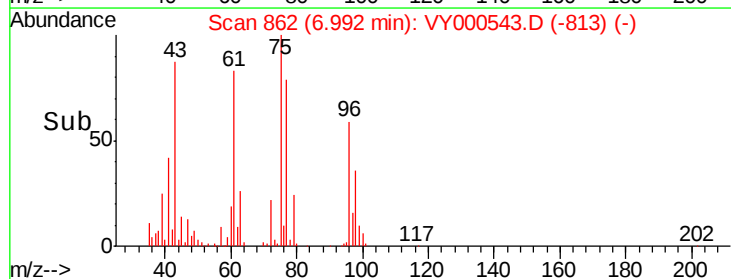
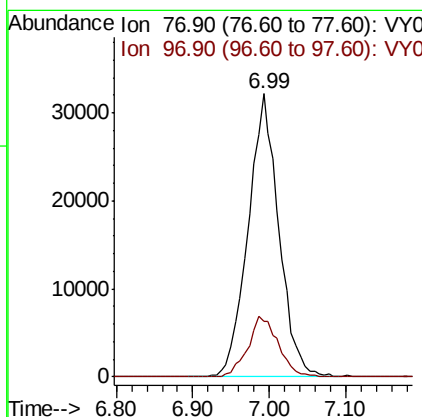
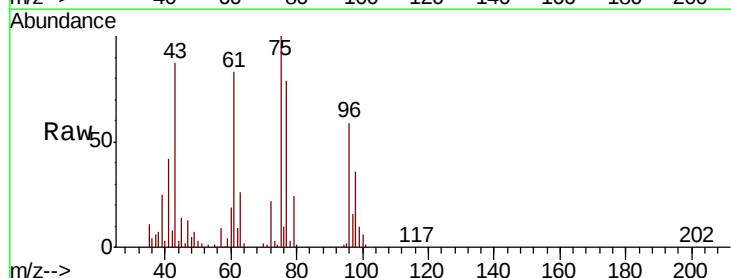
Instrument :
MSVOA_Y
ClientSampled :

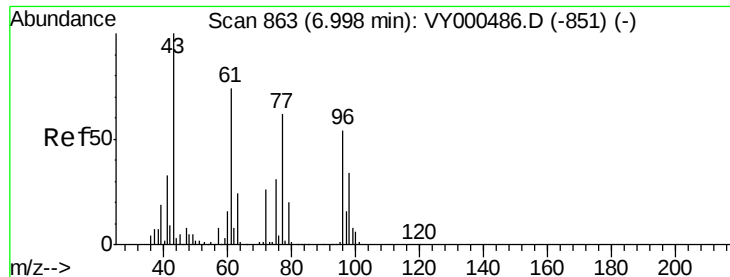
Tot Ion: 43 Resp: 110892
Ion Ratio Lower Upper
43 100
72 22.8 20.9 31.3



#26
2,2-Dichloropropane
Concen: 20.317 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 77 Resp: 90053
Ion Ratio Lower Upper
77 100
97 21.4 11.8 35.4



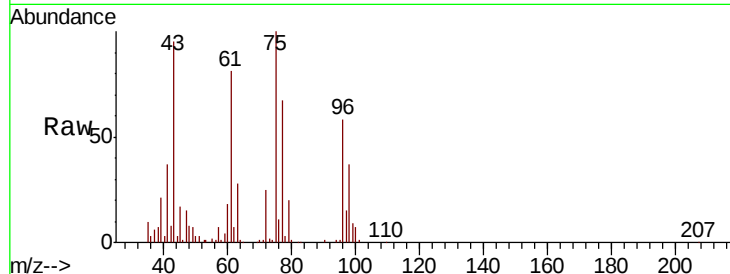


#27

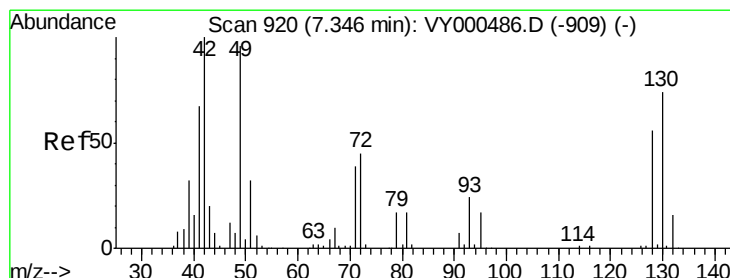
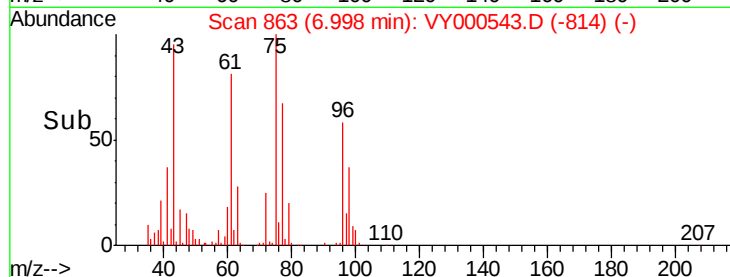
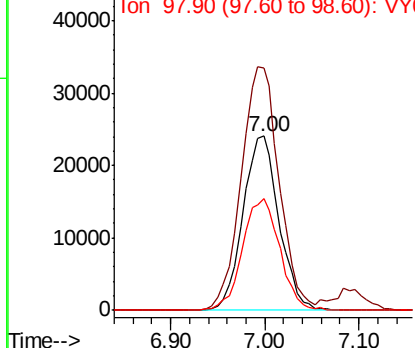
cis-1,2-Dichloroethene
Concen: 20.546 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 64339
Ion Ratio Lower Upper
96 100
61 147.4 0.0 287.0
98 66.2 0.0 129.4



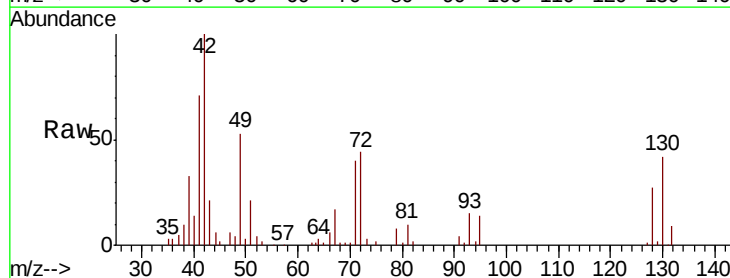
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



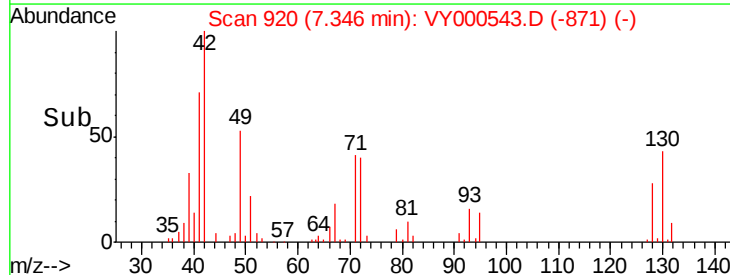
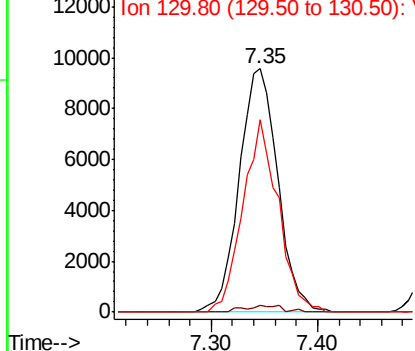
#28

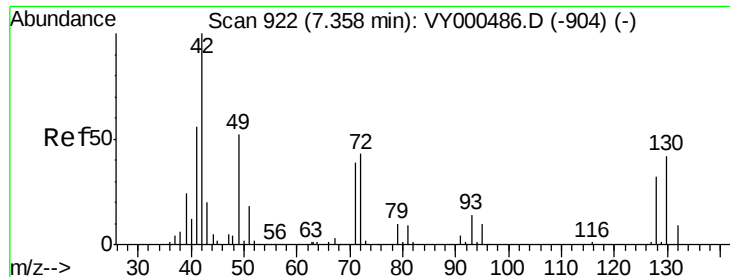
Bromochloromethane
Concen: 14.178 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 49 Resp: 24297
Ion Ratio Lower Upper
49 100
129 2.6 0.0 3.6
130 72.3 59.4 89.0



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

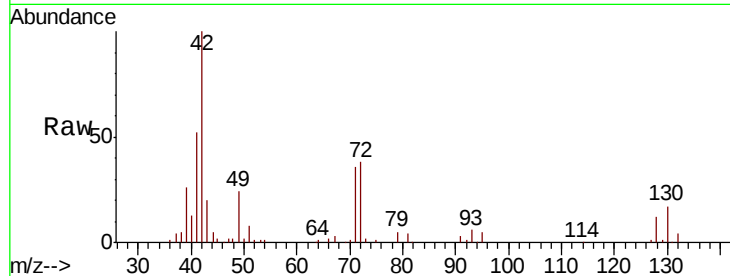




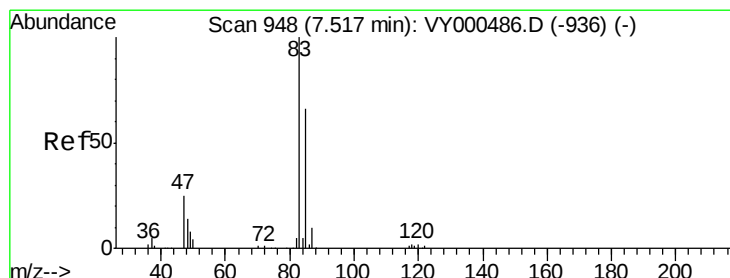
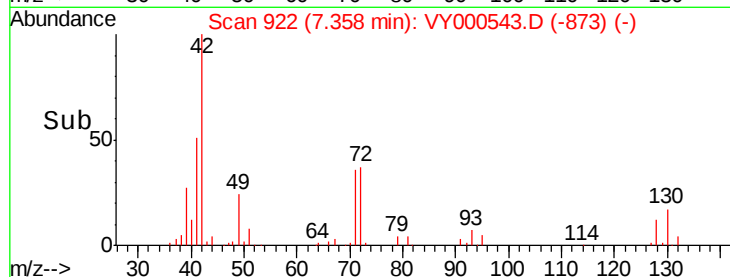
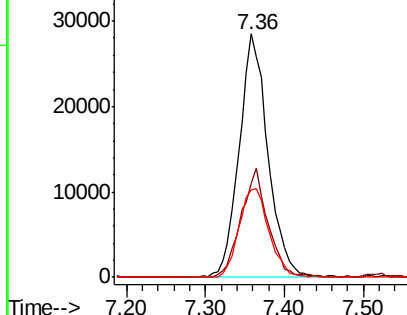
#29
Tetrahydrofuran
Concen: 102.712 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 72534
Ion Ratio Lower Upper
42 100
72 41.9 34.0 51.0
71 38.3 30.8 46.2

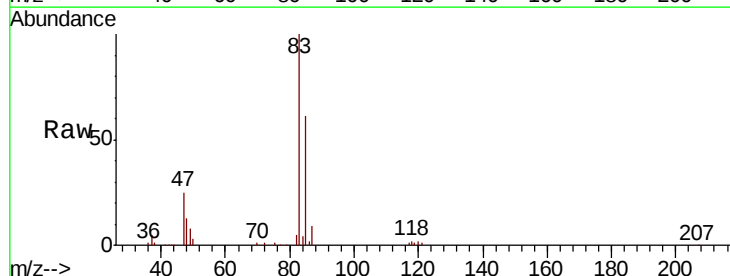


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

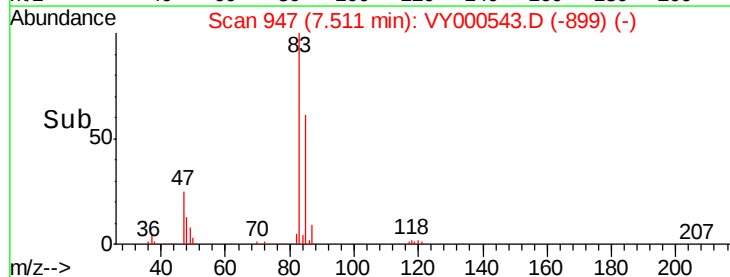
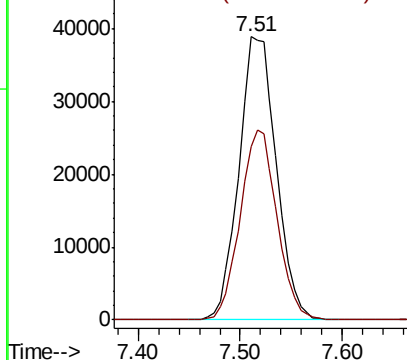


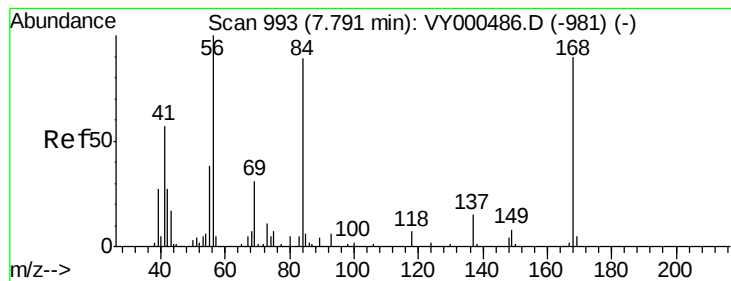
#30
Chloroform
Concen: 20.190 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 83 Resp: 99063
Ion Ratio Lower Upper
83 100
85 61.1 53.0 79.4



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





#31

Cyclohexane

Concen: 19.804 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampled :

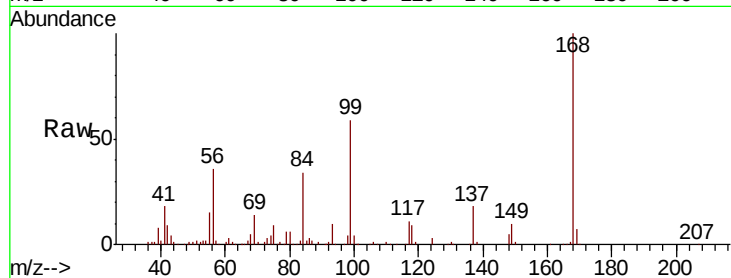
Tot Ion: 56 Resp: 100605

Ion Ratio Lower Upper

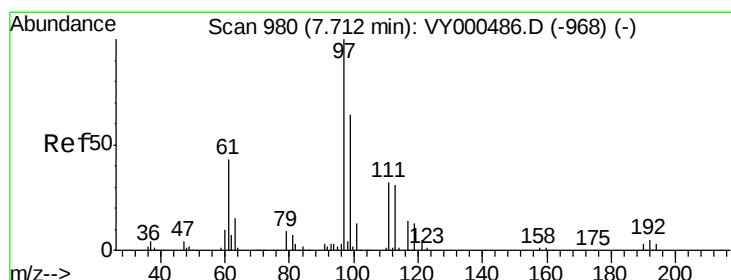
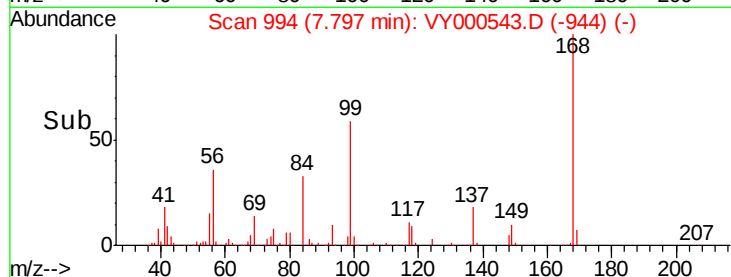
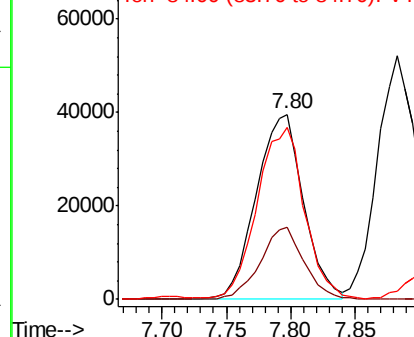
56 100

69 38.8 25.0 37.6#

84 91.8 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 20.551 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

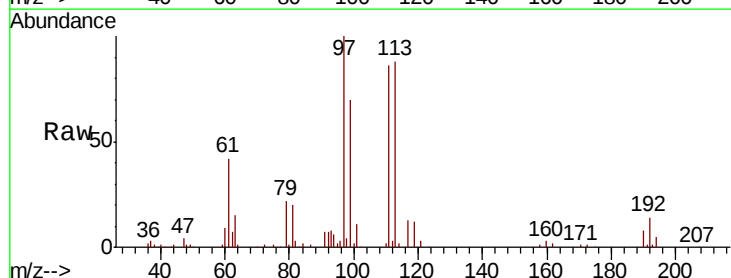
Tgt Ion: 97 Resp: 89865

Ion Ratio Lower Upper

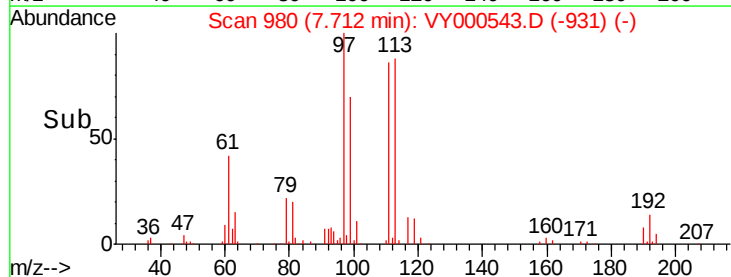
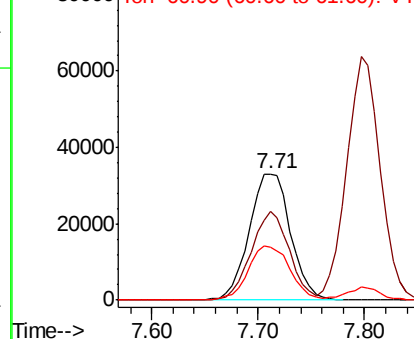
97 100

99 64.8 50.9 76.3

61 43.2 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

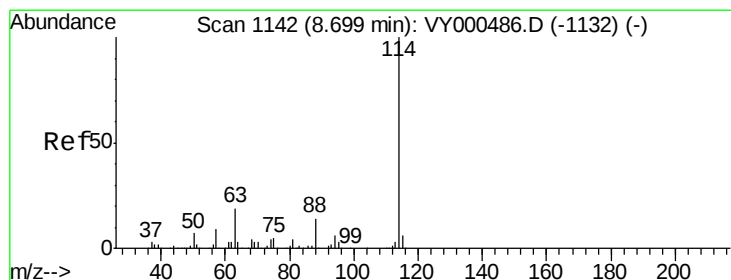
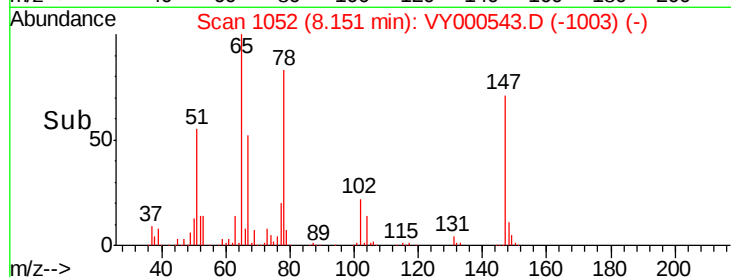
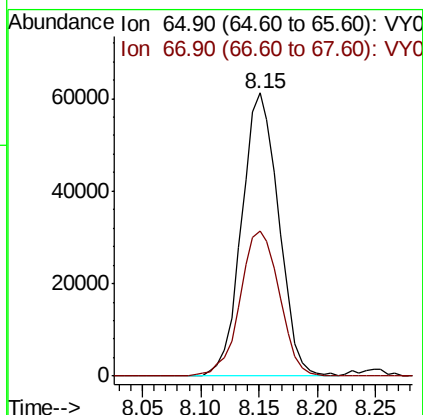
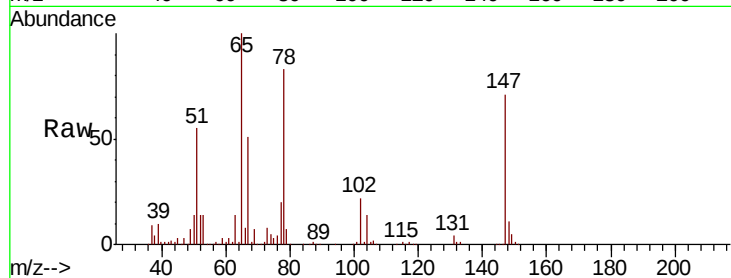




#33
 1,2-Dichloroethane-d4
 Concen: 51.749 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

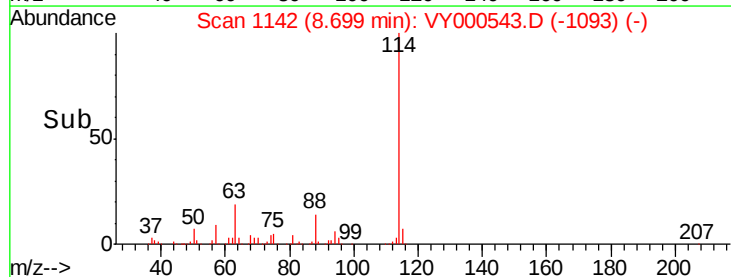
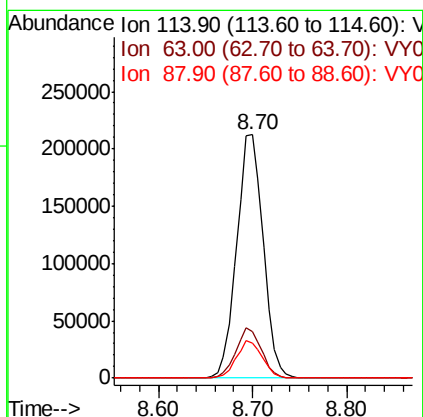
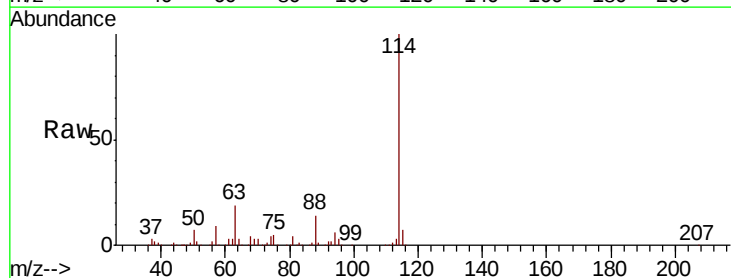
Instrument :
 MSVOA_Y
 ClientSampleId :

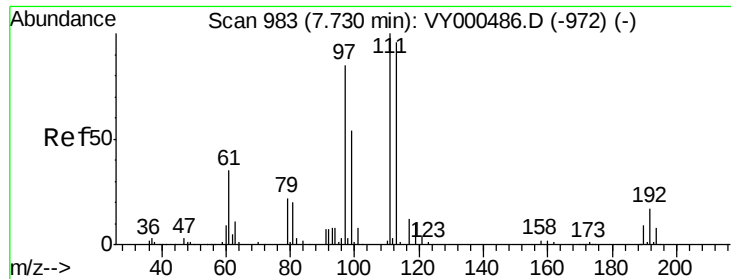
Tot Ion: 65 Resp: 135808
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion: 114 Resp: 417919
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.0
 88 14.2 0.0 28.6

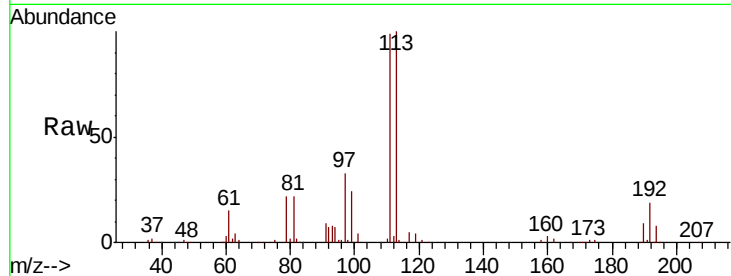




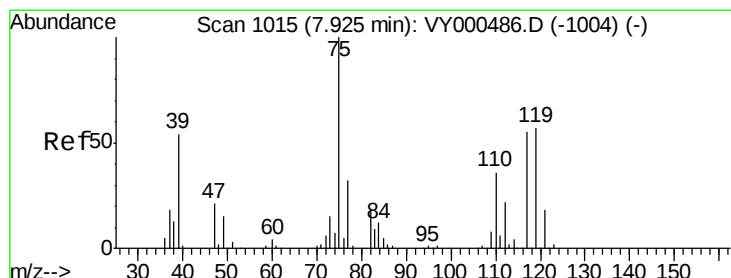
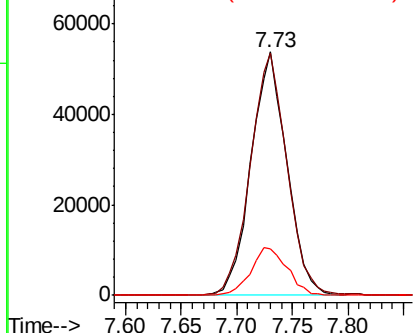
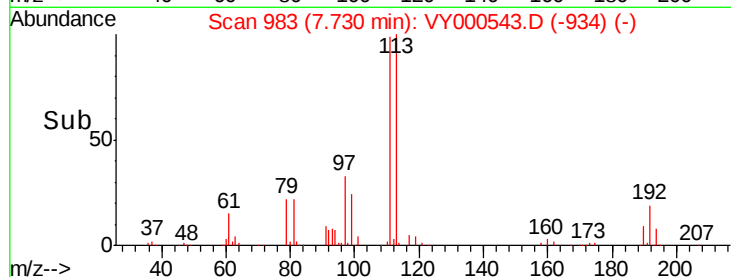
#35
 Dibromofluoromethane
 Concen: 48.999 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 120218
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.7 122.5
 192 20.0 15.0 22.4

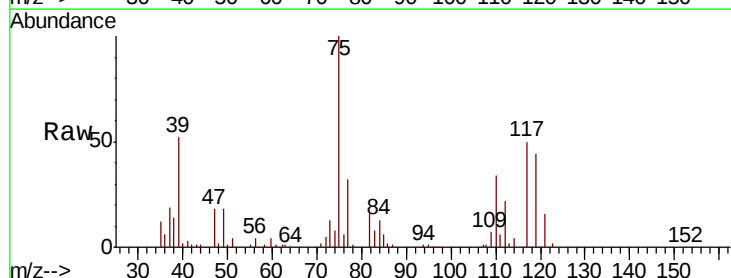


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

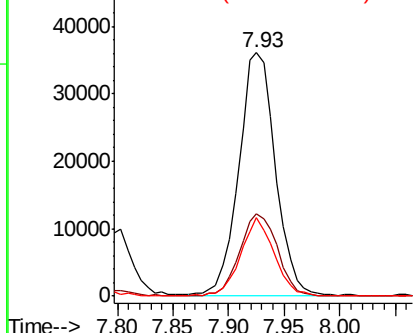
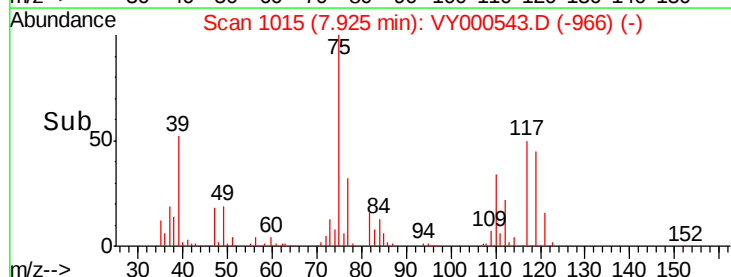


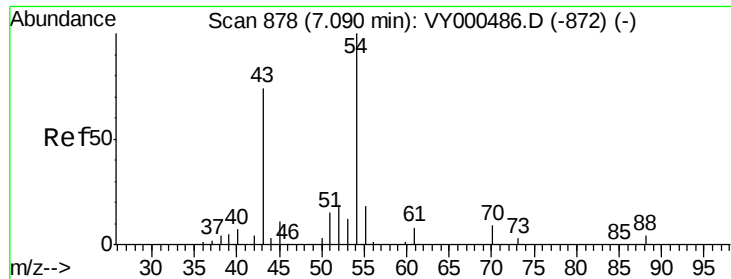
#36
 1,1-Dichloropropene
 Concen: 20.794 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion: 75 Resp: 82154
 Ion Ratio Lower Upper
 75 100
 110 35.0 18.1 54.1
 77 30.0 25.0 37.6



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

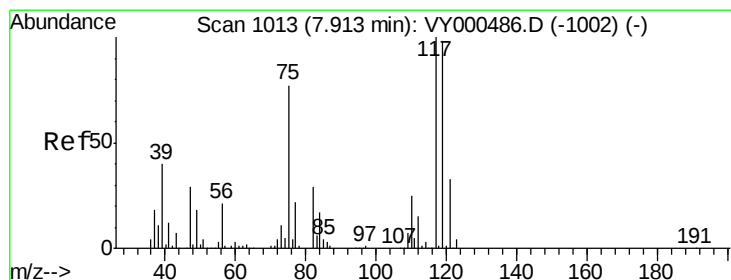
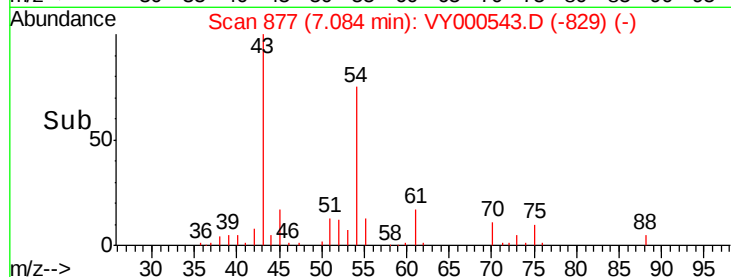
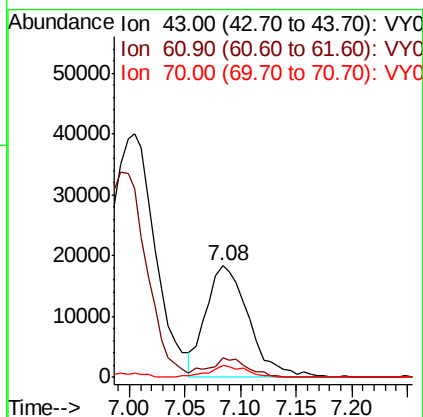
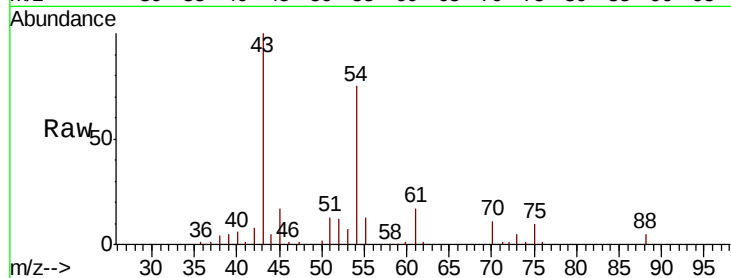




#37
Ethyl Acetate
Concen: 20.660 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

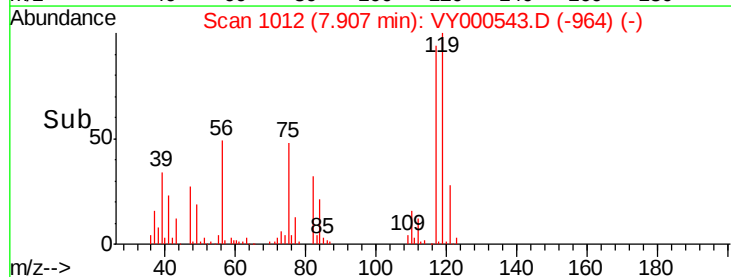
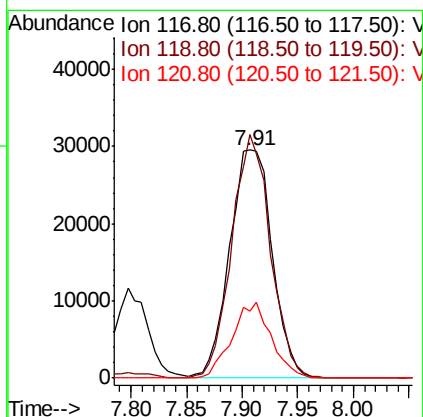
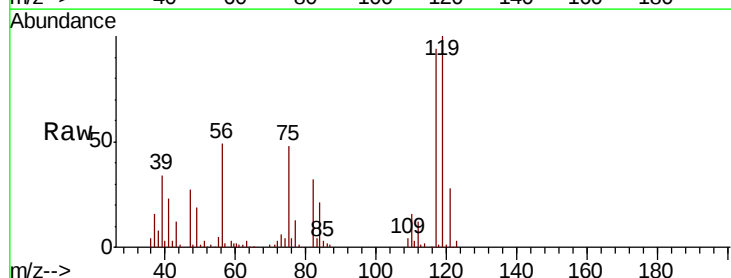
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 48460
Ion Ratio Lower Upper
43 100
61 15.7 10.2 15.2#
70 9.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.616 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 117 Resp: 78372
Ion Ratio Lower Upper
117 100
119 106.8 78.0 117.0
121 29.5 26.6 40.0

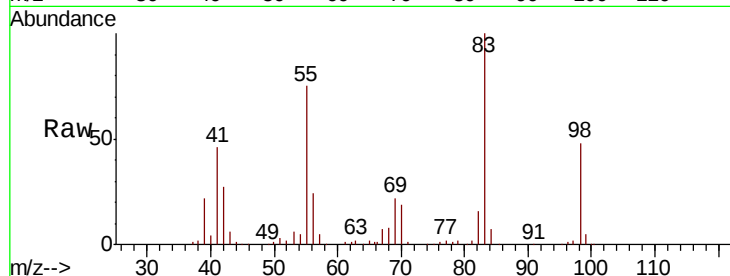




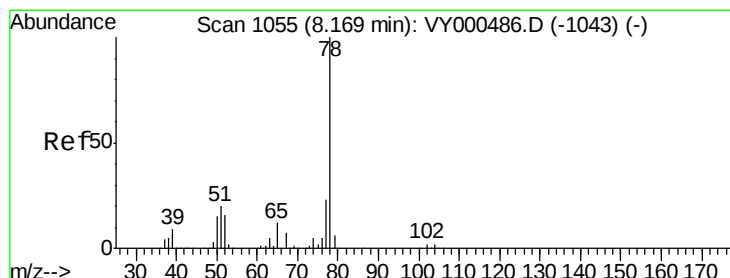
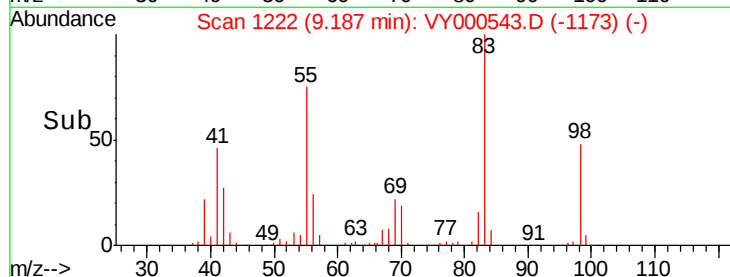
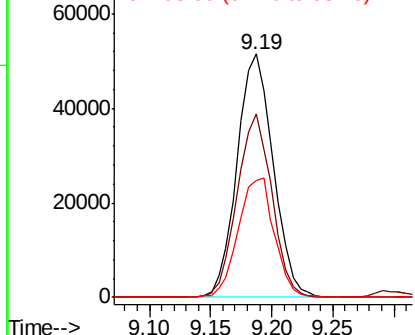
#39
Methylvlcvclohexane
Concen: 20.723 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 105775
Ion Ratio Lower Upper
83 100
55 75.2 57.5 86.3
98 48.1 38.0 57.0

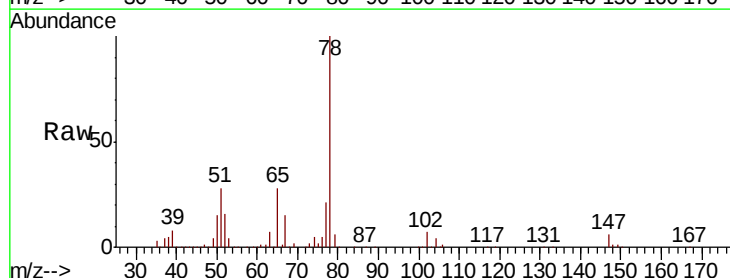


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

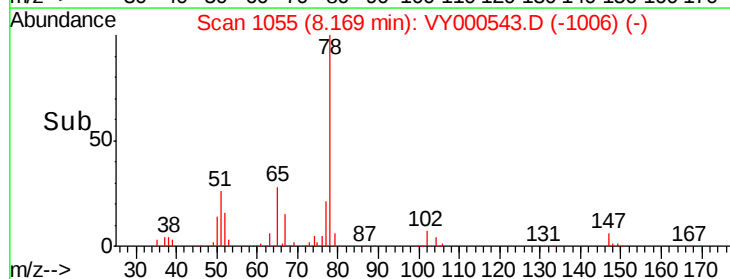
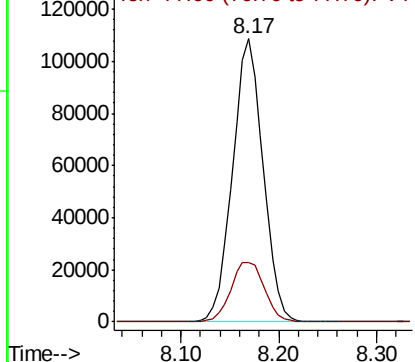


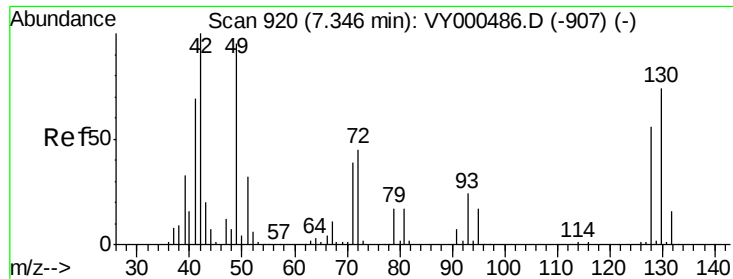
#40
Benzene
Concen: 20.299 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 78 Resp: 235121
Ion Ratio Lower Upper
78 100
77 21.1 18.6 28.0



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





#41

Methacrylonitrile

Concen: 49.869 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 65255

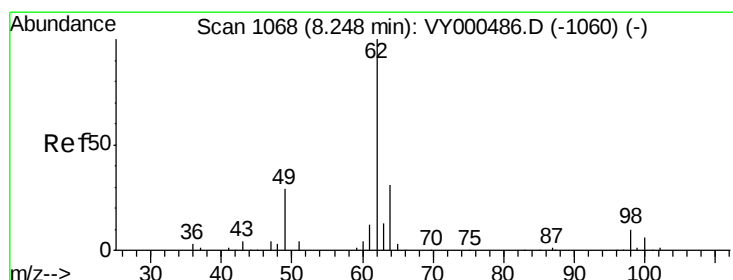
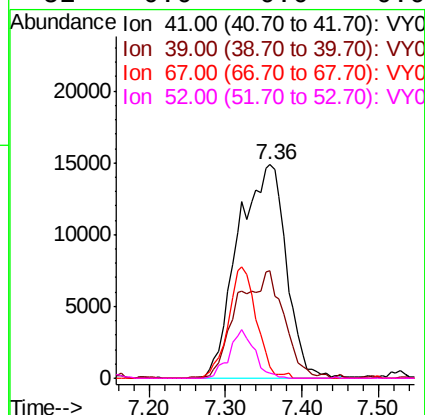
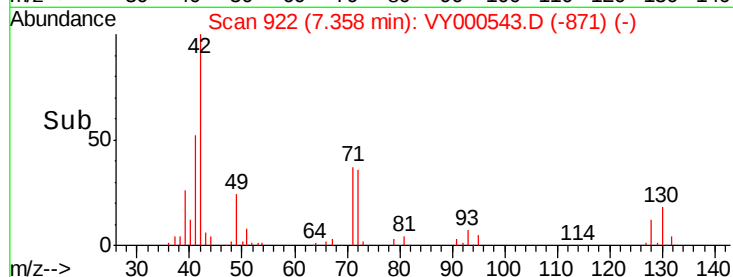
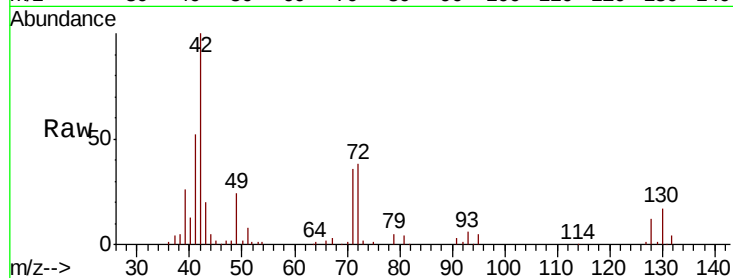
Ion Ratio Lower Upper

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: 20.906 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY000543.D

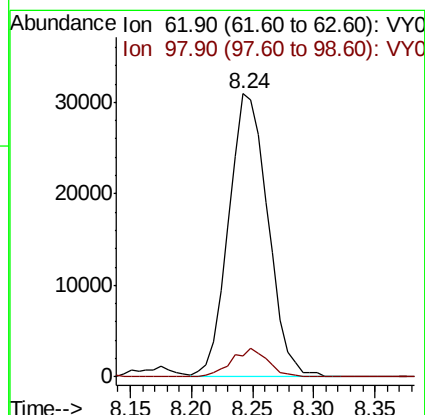
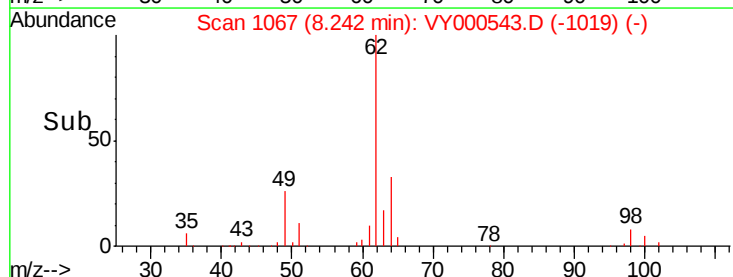
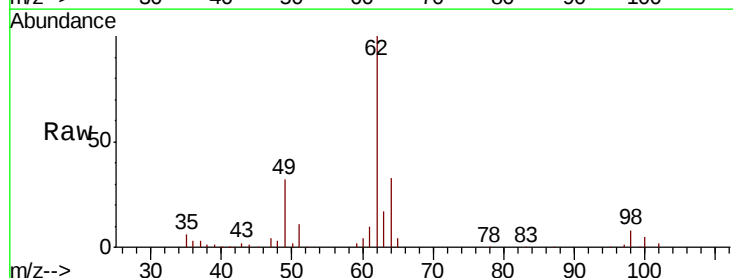
Acq: 06 Nov 2019 12:12

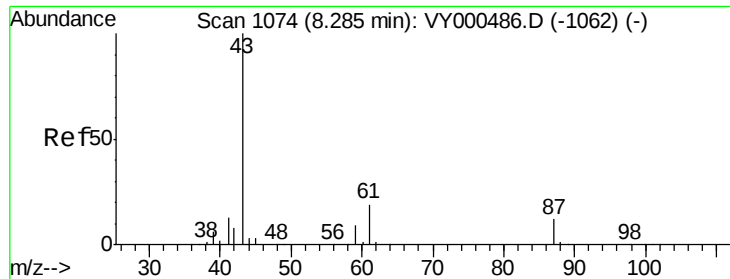
Tgt Ion: 62 Resp: 68679

Ion Ratio Lower Upper

62 100

98 9.3 0.0 19.2





#43

Isopropyl Acetate

Concen: 20.757 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

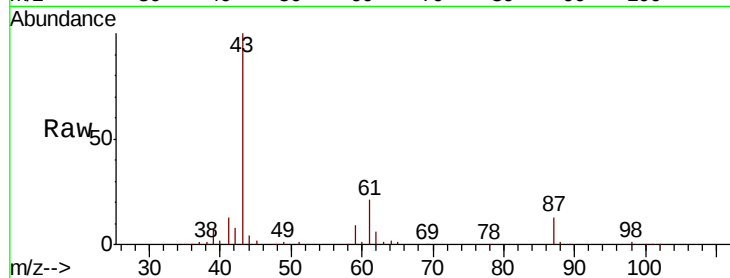
Tot Ion: 43 Resp: 91459

Ion Ratio Lower Upper

43 100

61 27.4 23.0 34.4

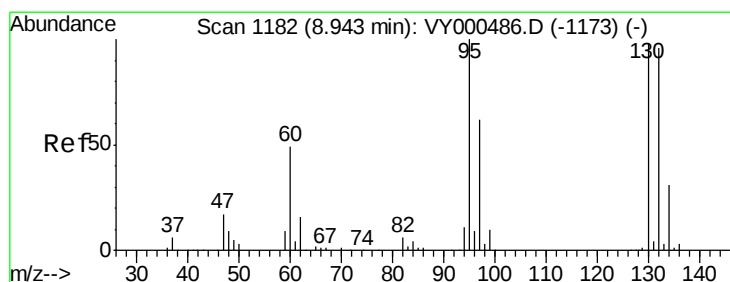
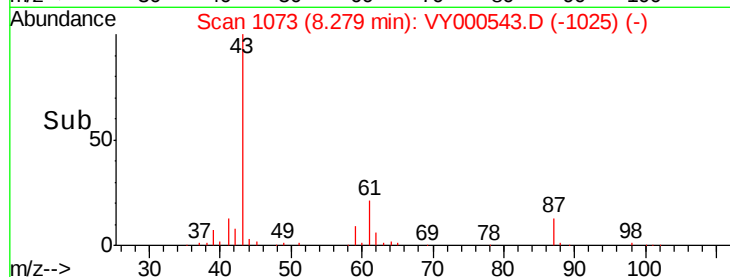
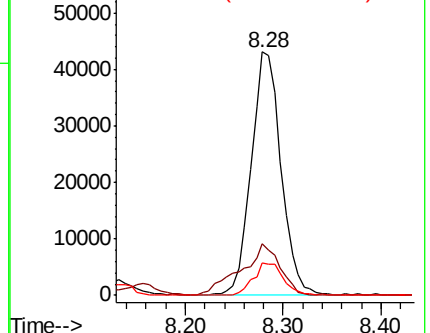
87 13.3 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000486.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000486.D (-1062) (-)



#44

Trichloroethene

Concen: 20.855 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY000543.D

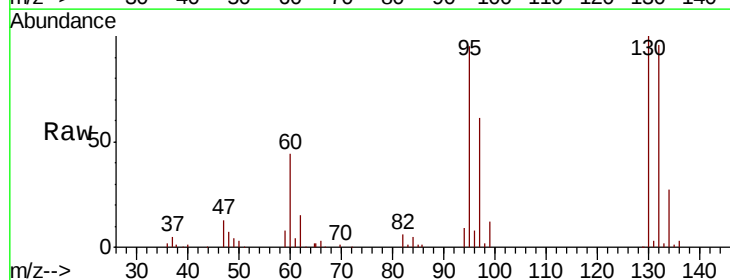
Acq: 06 Nov 2019 12:12

Tgt Ion:130 Resp: 63689

Ion Ratio Lower Upper

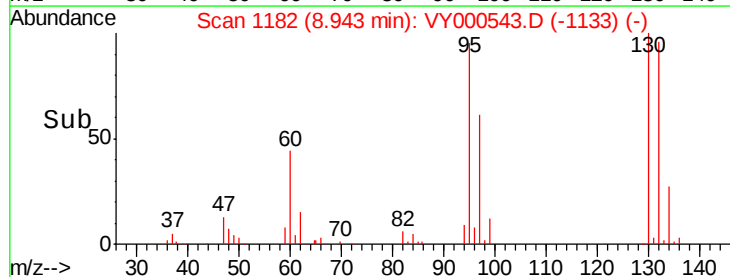
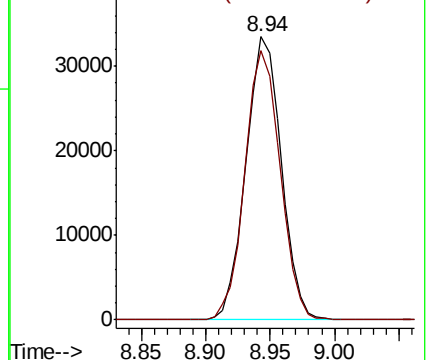
130 100

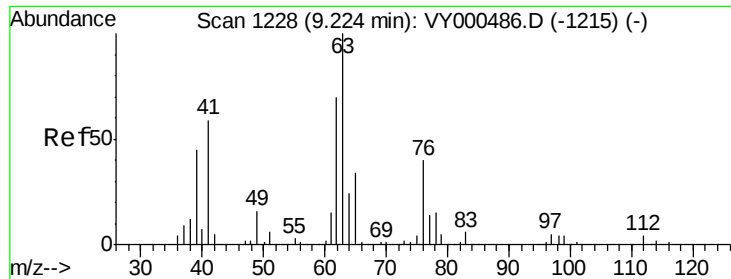
95 95.2 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000486.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000486.D (-1173) (-)

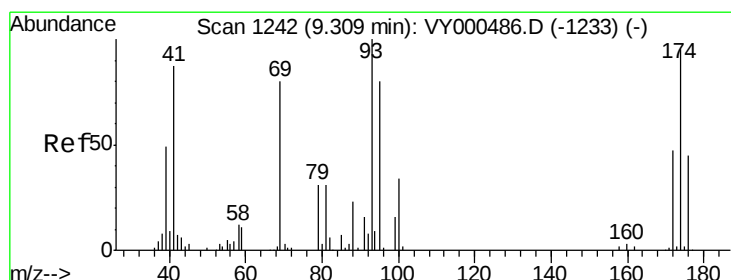
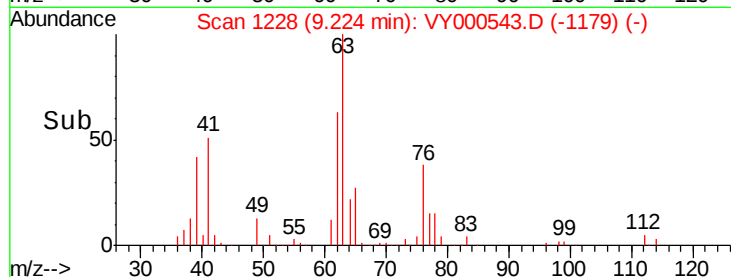
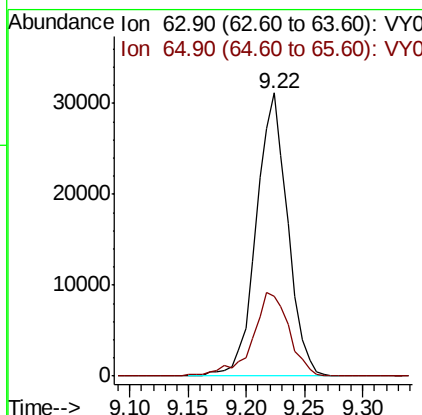
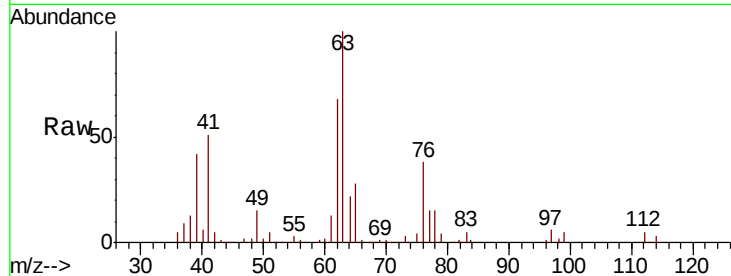




#45
 1,2-Dichloropropane
 Concen: 20.545 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

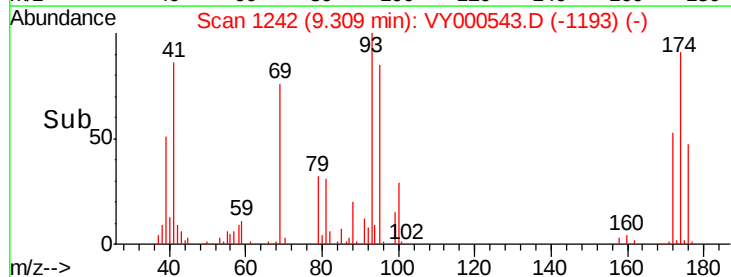
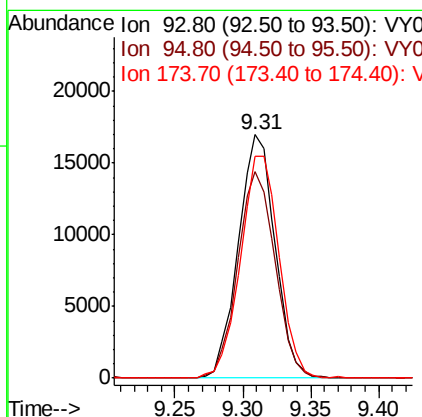
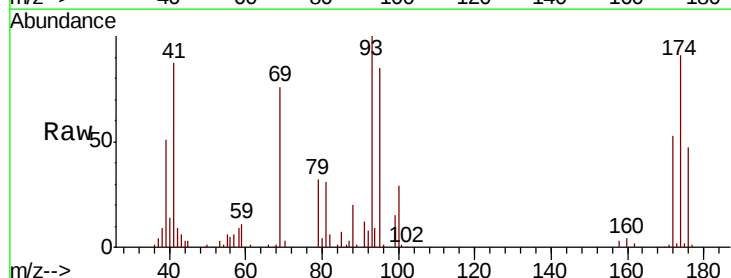
Instrument :
 MSVOA_Y
 ClientSampleId :

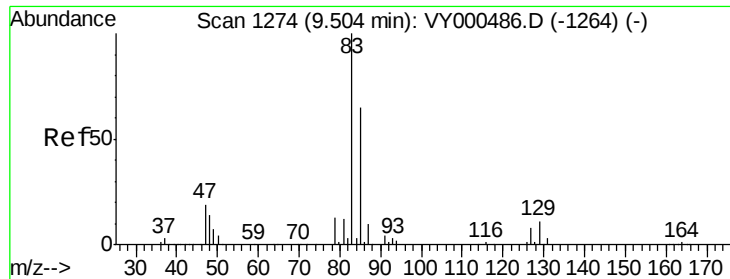
Tot Ion: 63 Resp: 58569
 Ion Ratio Lower Upper
 63 100
 65 28.2 27.0 40.4



#46
 Dibromomethane
 Concen: 20.434 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion: 93 Resp: 32036
 Ion Ratio Lower Upper
 93 100
 95 86.1 66.4 99.6
 174 95.9 77.1 115.7





#47

Bromodichloromethane

Concen: 20.594 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

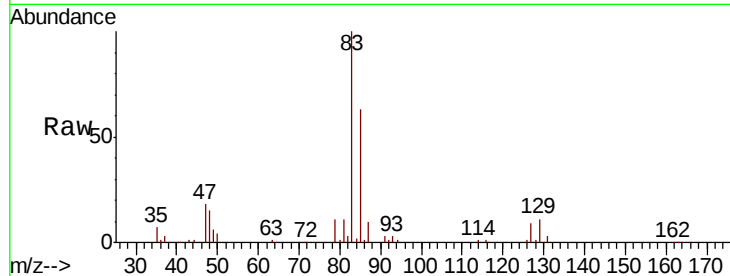
Tot Ion: 83 Resp: 76612

Ion Ratio Lower Upper

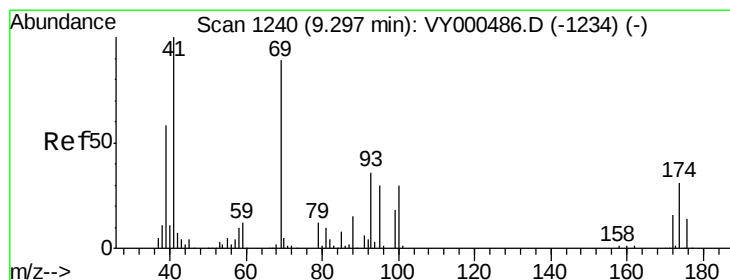
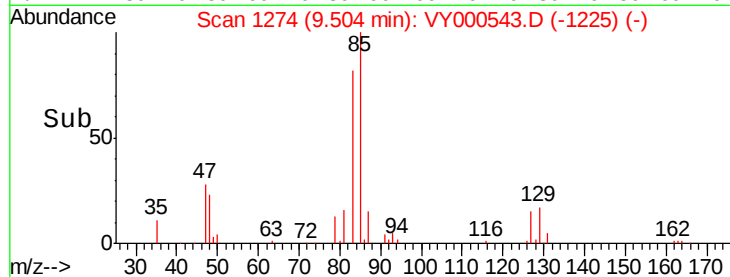
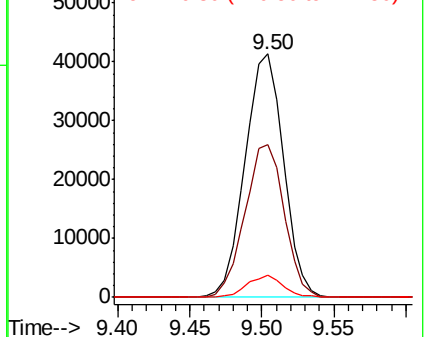
83 100

85 62.5 51.8 77.8

127 9.2 6.7 10.1



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



#48

Methyl methacrylate

Concen: 20.839 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

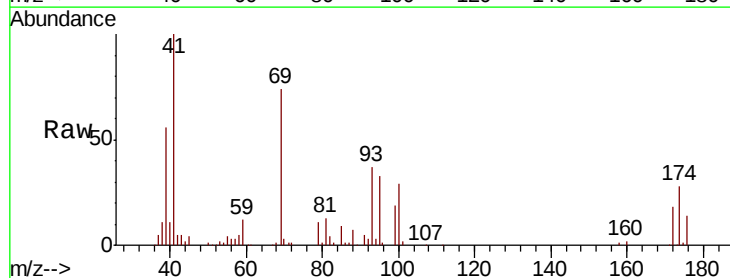
Tgt Ion: 41 Resp: 40119

Ion Ratio Lower Upper

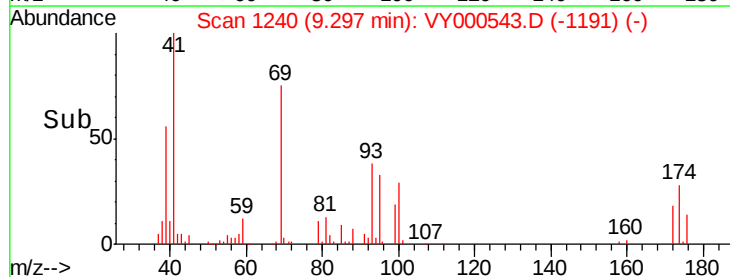
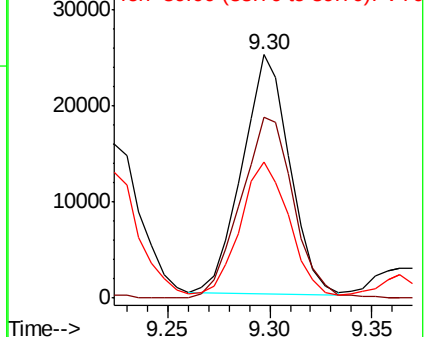
41 100

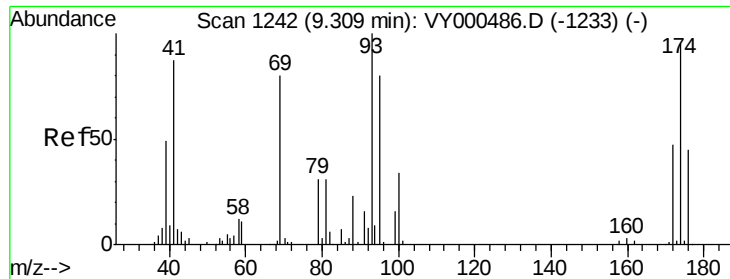
69 84.5 72.5 108.7

39 59.8 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: 406.013 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

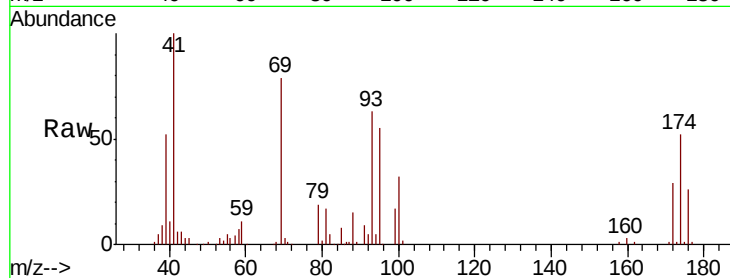
Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 8567

Ion	Ratio	Lower	Upper
88	100		
43	29.9	25.1	37.7
58	66.6	50.6	75.8

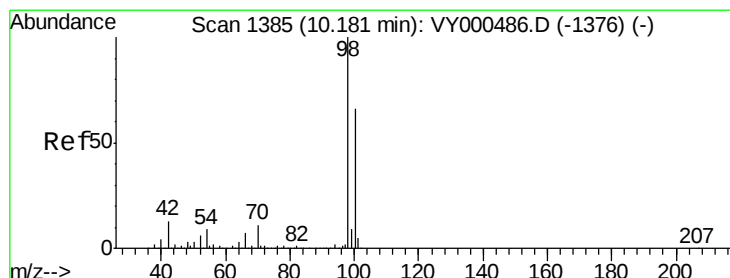
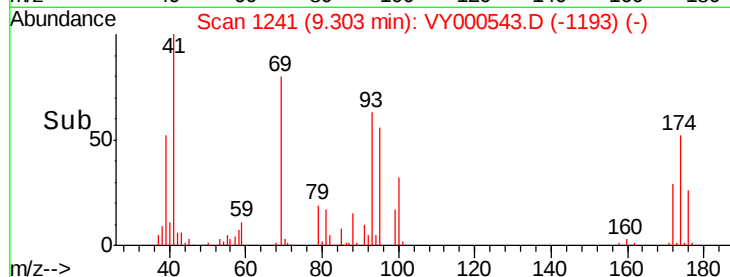
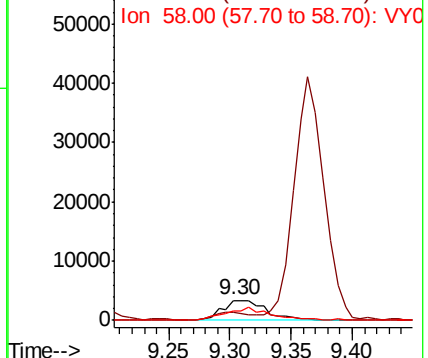


Abundance

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: 52.624 ug/l

RT: 10.18 min Scan# 1385

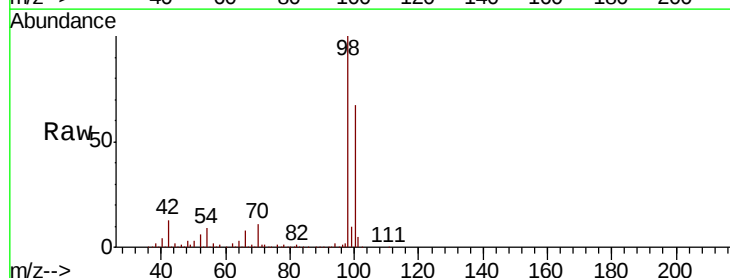
Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Tgt Ion: 98 Resp: 489907

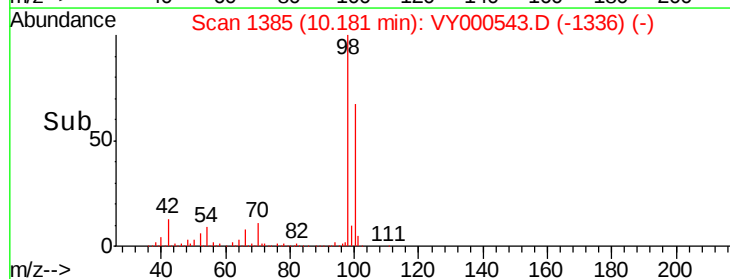
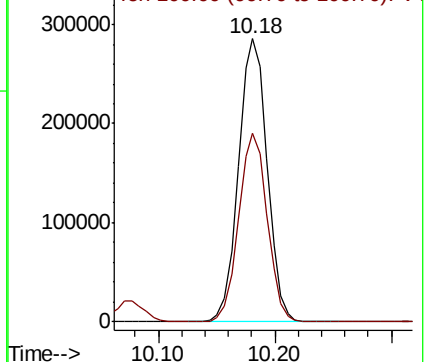
Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.9	79.3



Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 104.586 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

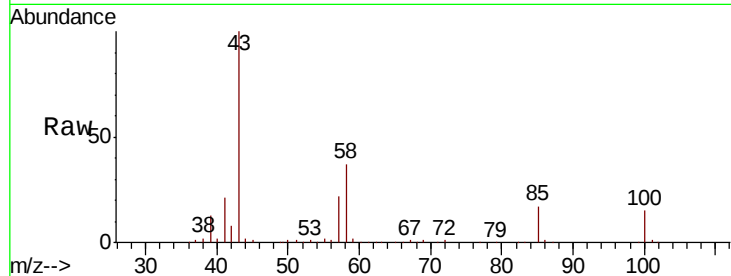
ClientSampled :

Tot Ion: 43 Resp: 245013

Ion Ratio Lower Upper

43 100

58 37.5 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

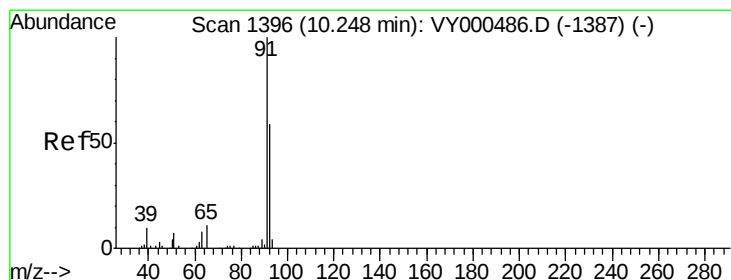
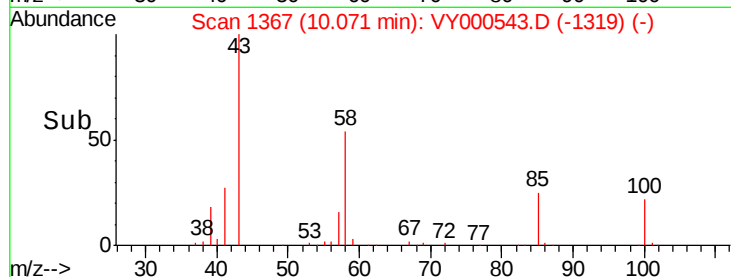
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.567 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000543.D

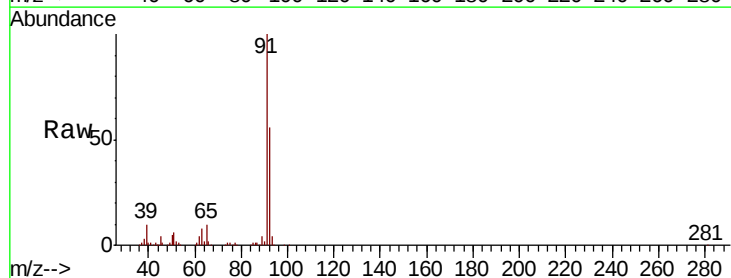
Acq: 06 Nov 2019 12:12

Tgt Ion: 92 Resp: 150615

Ion Ratio Lower Upper

92 100

91 172.6 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.25

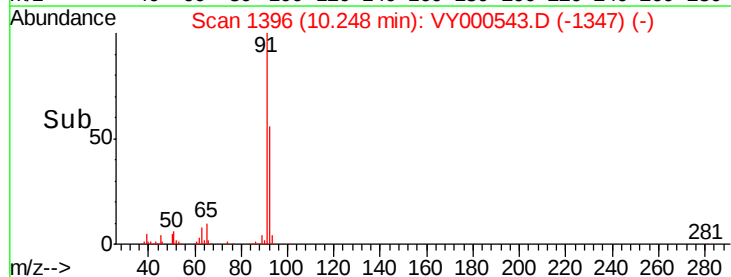
150000

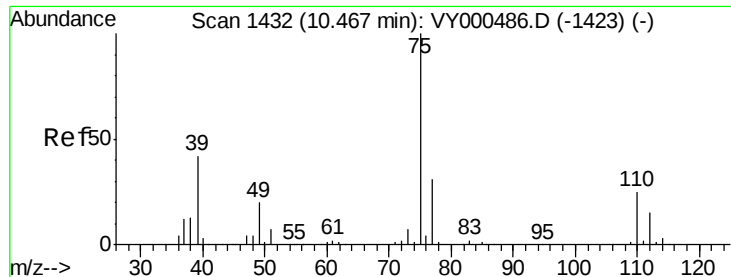
100000

50000

0

Time-->

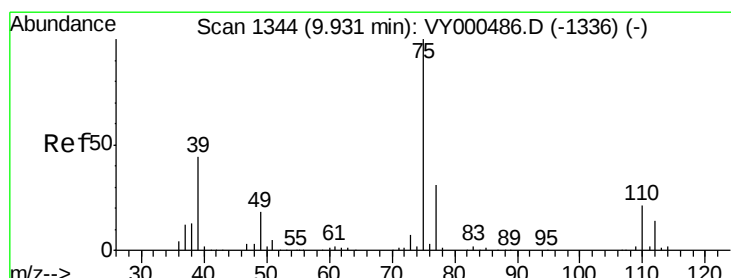
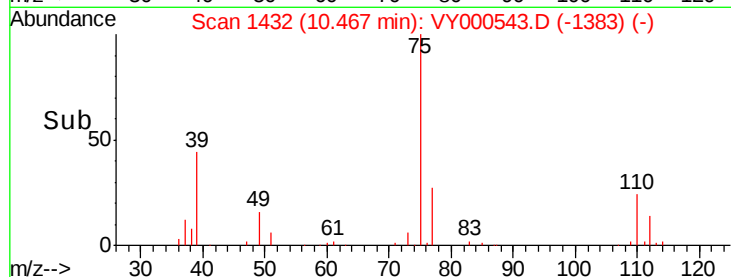
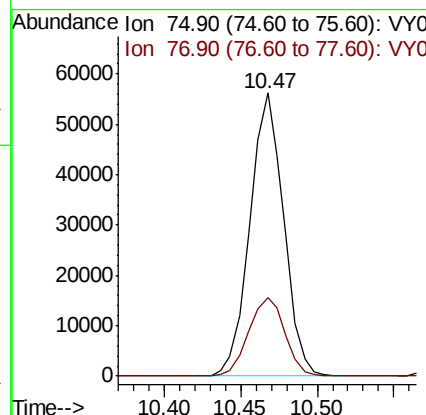
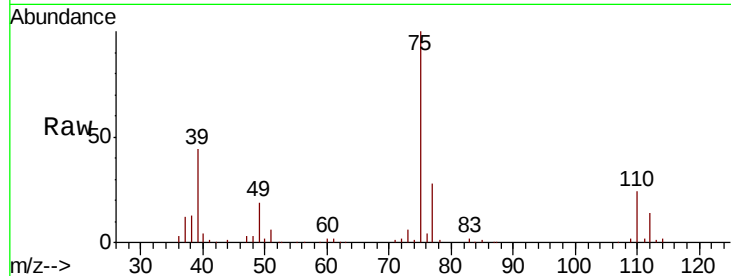




#53
t-1,3-Dichloropropene
Concen: 21.688 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

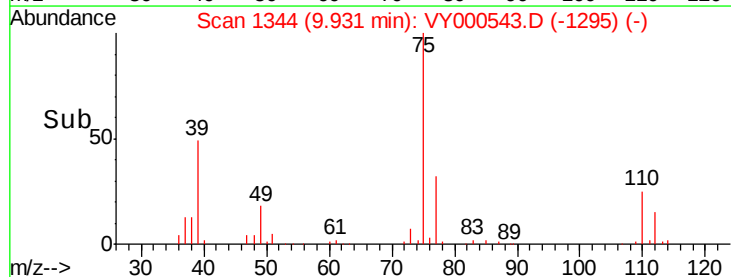
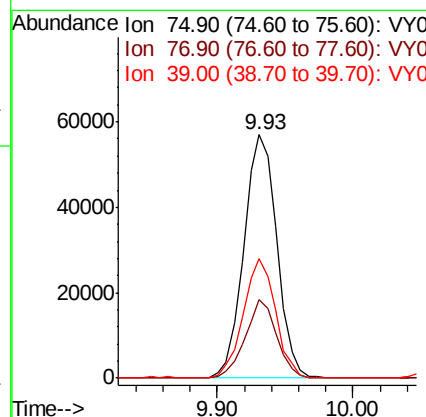
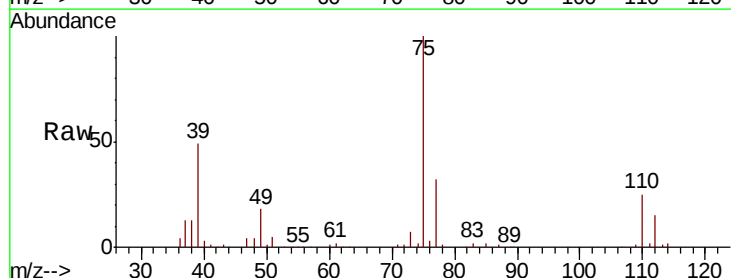
Instrument :
MSVOA_Y
ClientSampleId :

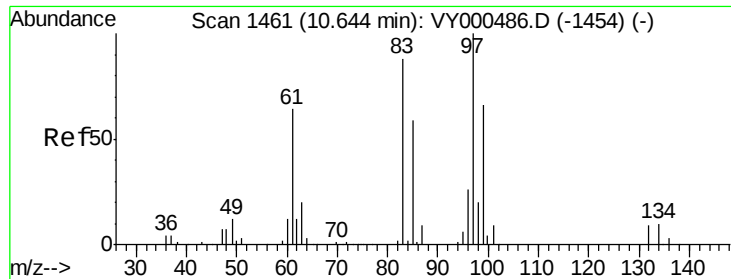
Tot Ion: 75 Resp: 86207
Ion Ratio Lower Upper
75 100
77 27.5 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 21.206 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 75 Resp: 96565
Ion Ratio Lower Upper
75 100
77 32.2 24.5 36.7
39 48.7 35.4 53.2





#55

1,1,2-Trichloroethane

Concen: 20.579 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

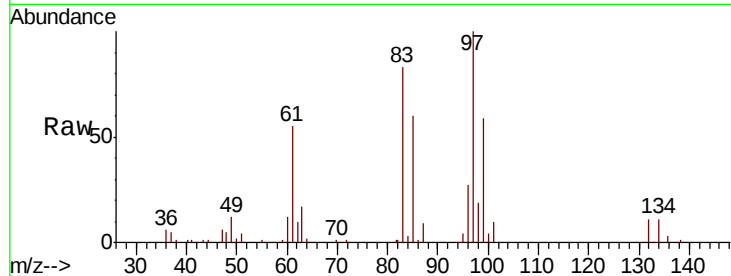
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 46665

Ion	Ratio	Lower	Upper
97	100		
83	82.9	70.2	105.4
85	60.2	46.9	70.3
99	59.2	52.6	78.8



Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Time-->

10.65

30000

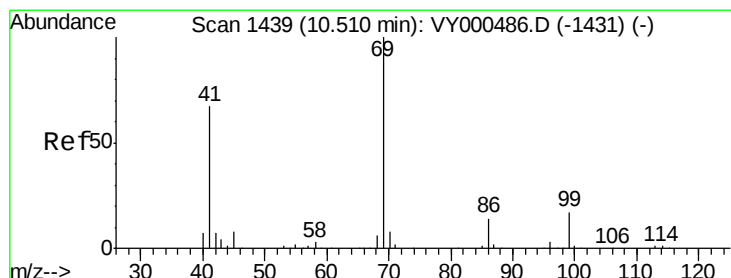
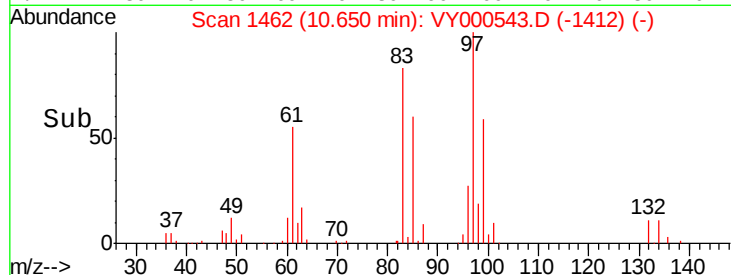
20000

10000

0

10.60 10.65 10.70

Time-->



#56

Ethyl methacrylate

Concen: 20.775 ug/l

RT: 10.51 min Scan# 1439

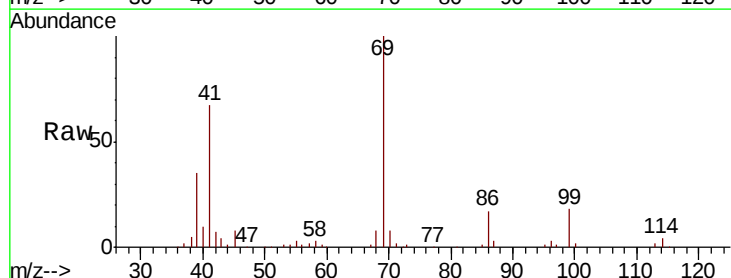
Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Tgt Ion: 69 Resp: 66771

Ion	Ratio	Lower	Upper
69	100		
41	69.1	53.3	79.9
39	35.7	28.0	42.0



Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Time-->

10.51

60000

50000

40000

30000

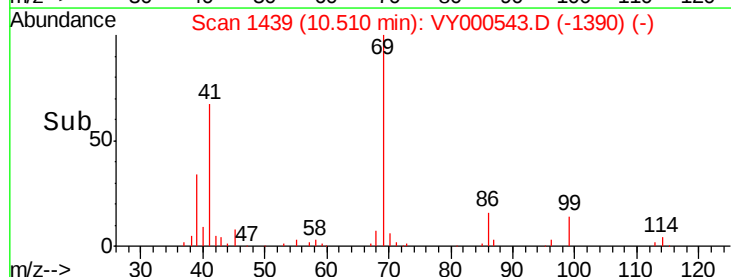
20000

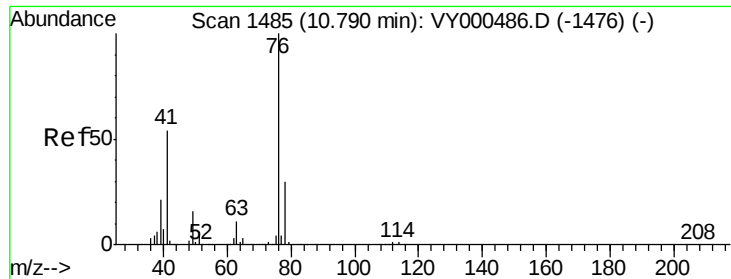
10000

0

10.50 10.51 10.52

Time-->





#57

1,3-Dichloropropane

Concen: 20.547 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

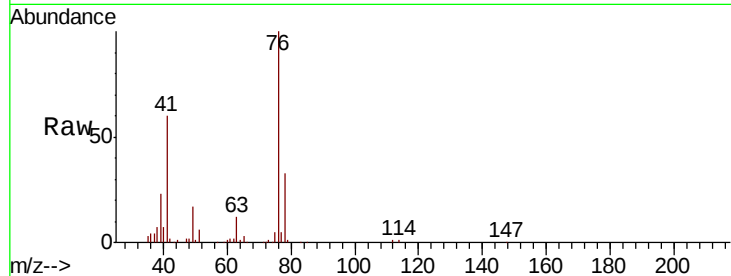
ClientSampled :

Tot Ion: 76 Resp: 81548

Ion Ratio Lower Upper

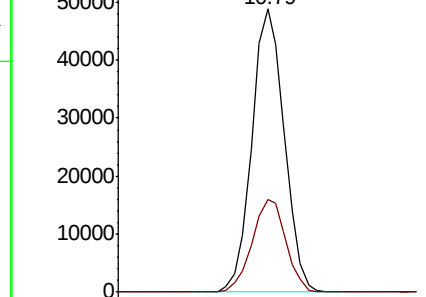
76 100

78 34.1 25.2 37.8

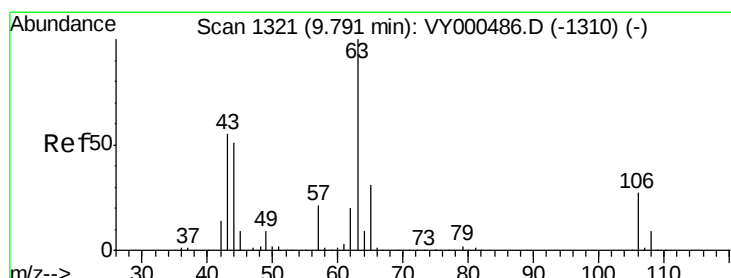
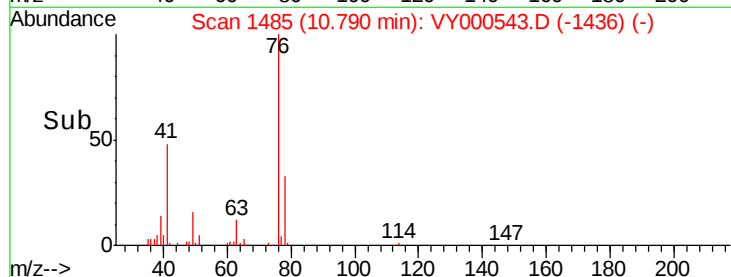


Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 97.316 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000543.D

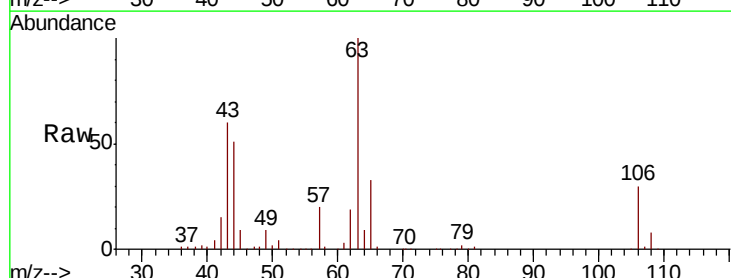
Acq: 06 Nov 2019 12:12

Tgt Ion: 63 Resp: 141402

Ion Ratio Lower Upper

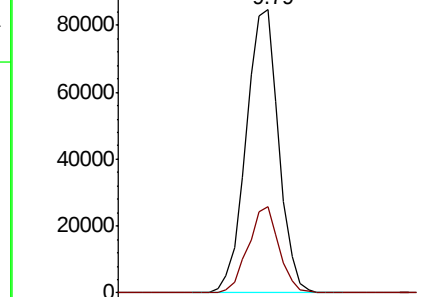
63 100

106 29.1 22.6 33.8

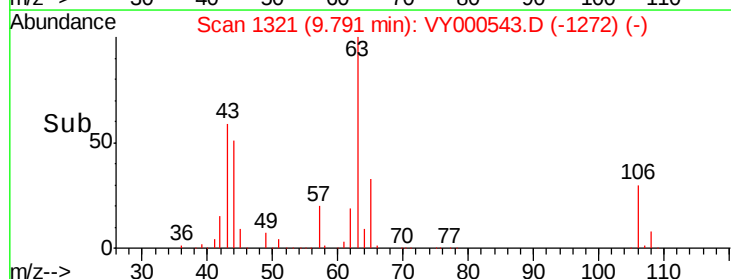


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V



Time-->

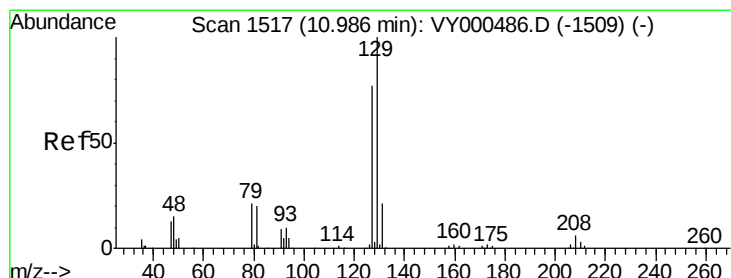
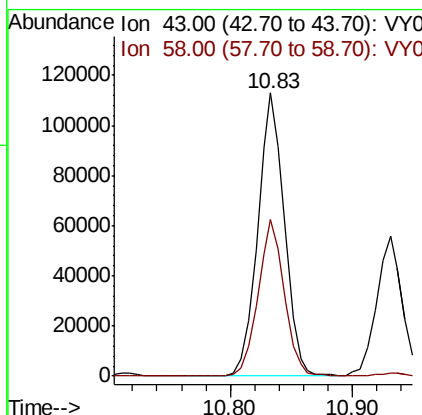
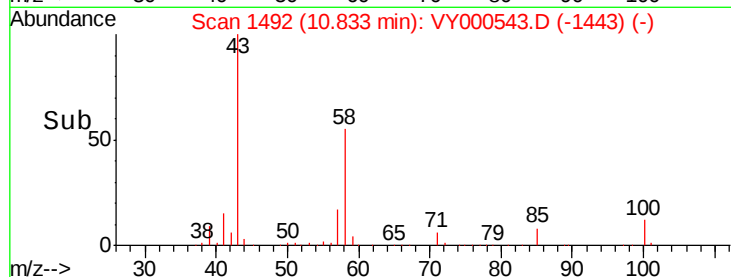
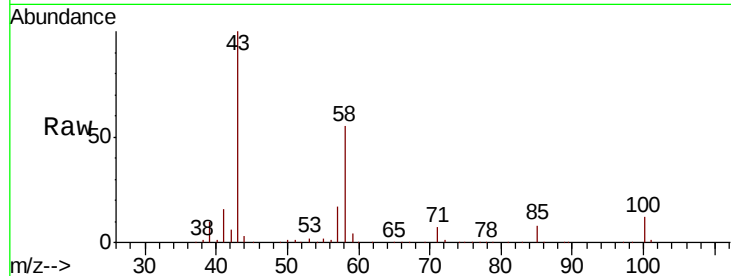




#59
2-Hexanone
Concen: 100.469 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

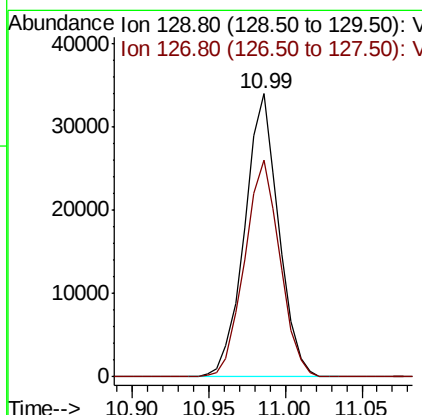
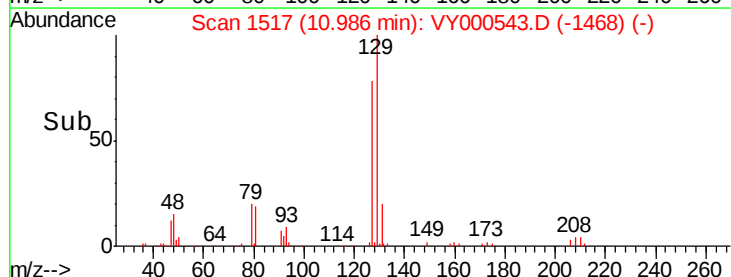
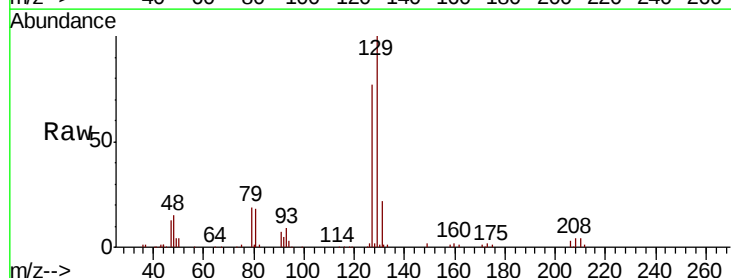
Instrument :
MSVOA_Y
ClientSampled :

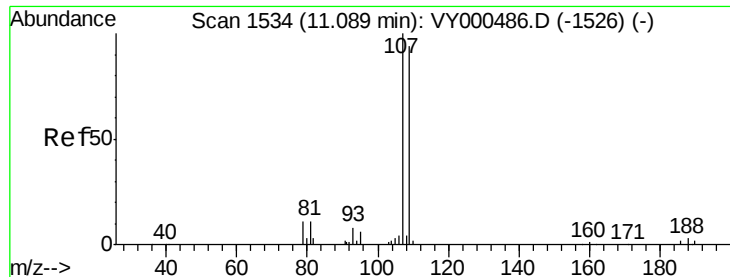
Tot Ion: 43 Resp: 171487
Ion Ratio Lower Upper
43 100
58 54.4 27.1 81.3



#60
Dibromochloromethane
Concen: 20.183 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 129 Resp: 52423
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.2

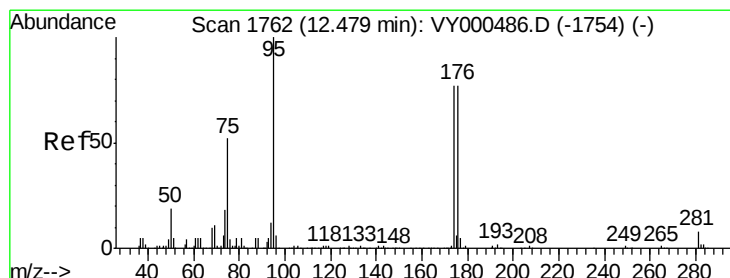
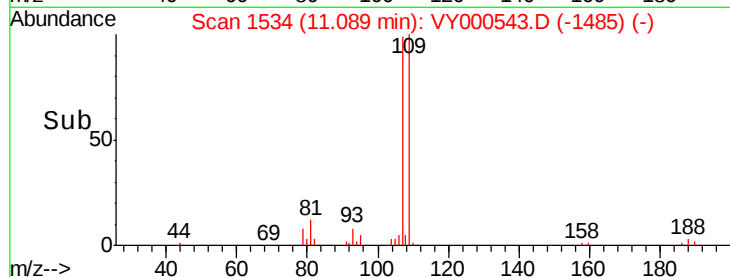
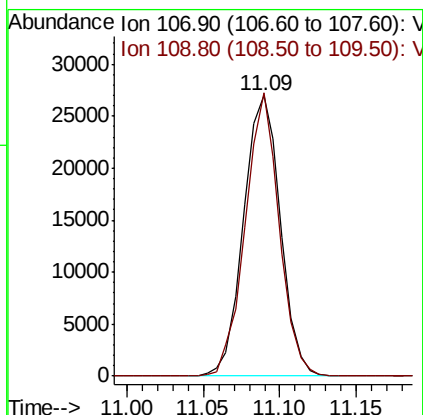
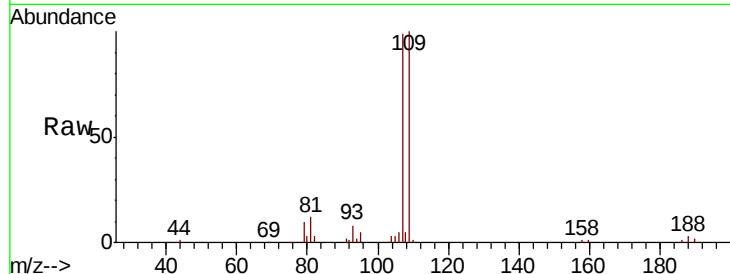




#61
1,2-Dibromoethane
Concen: 20.665 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

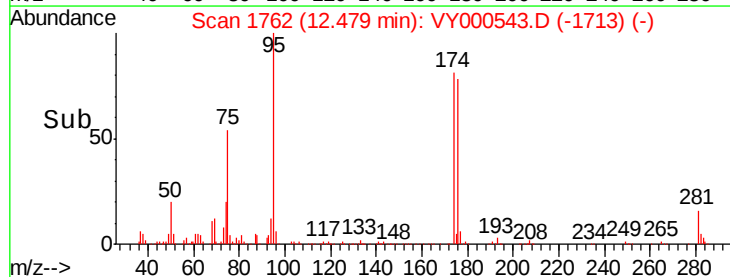
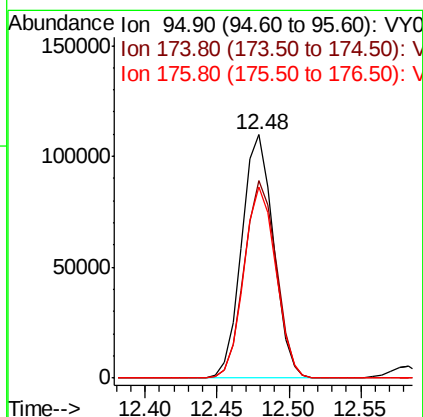
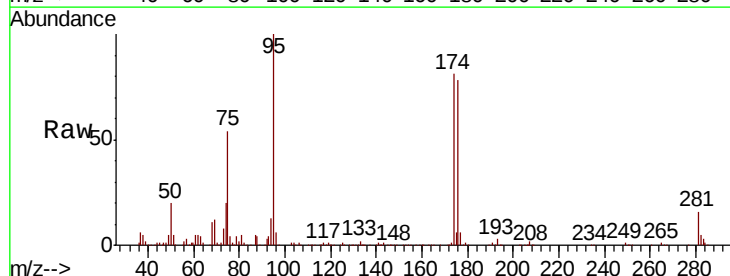
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 107 Resp: 45056
Ion Ratio Lower Upper
107 100
109 93.0 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 47.491 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 95 Resp: 168312
Ion Ratio Lower Upper
95 100
174 81.5 0.0 161.6
176 78.9 0.0 157.8

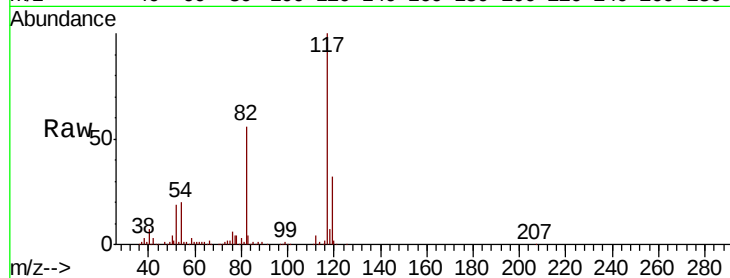




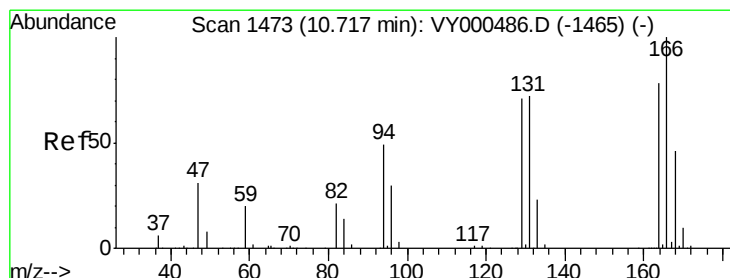
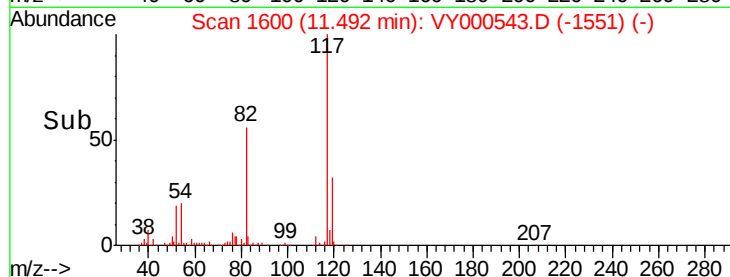
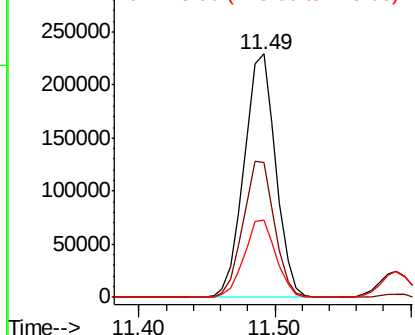
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 373064
Ion Ratio Lower Upper
117 100
82 55.6 40.8 61.2
119 31.7 26.2 39.2

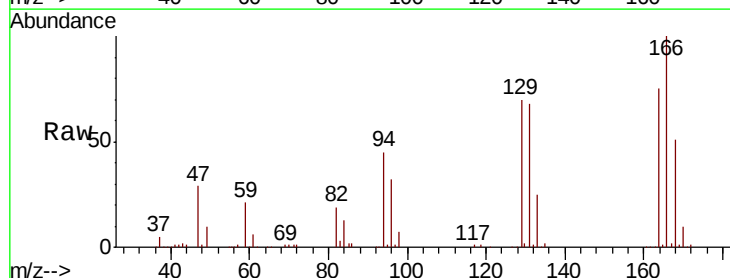


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

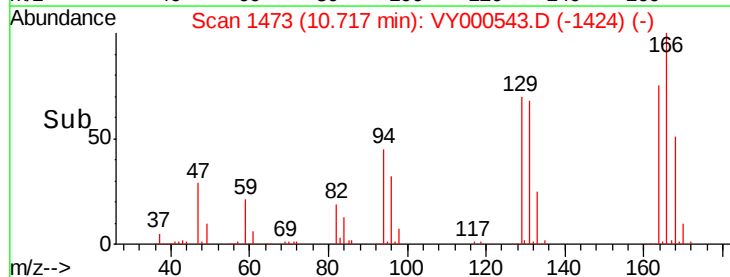
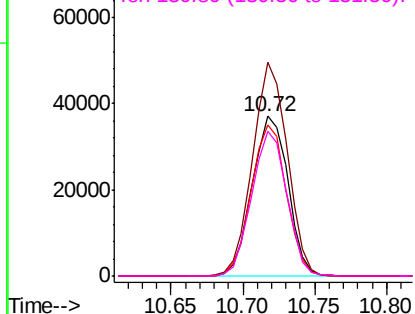


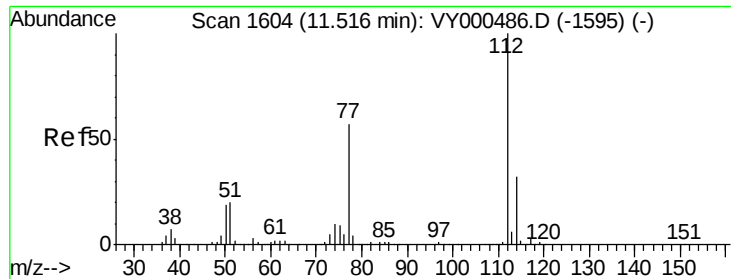
#64
Tetrachloroethene
Concen: 20.635 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion:164 Resp: 63654
Ion Ratio Lower Upper
164 100
166 133.7 102.7 154.1
129 94.2 73.2 109.8
131 90.8 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: 21.023 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

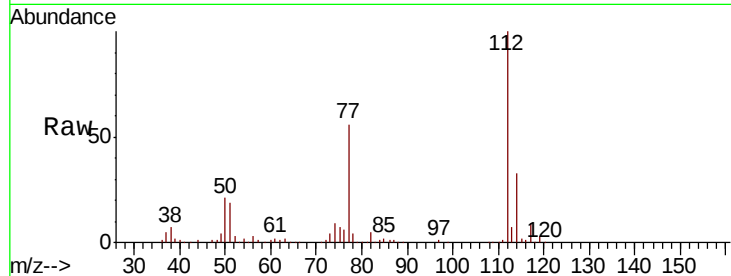
ClientSampleId :

Tot Ion:112 Resp: 159017

Ion Ratio Lower Upper

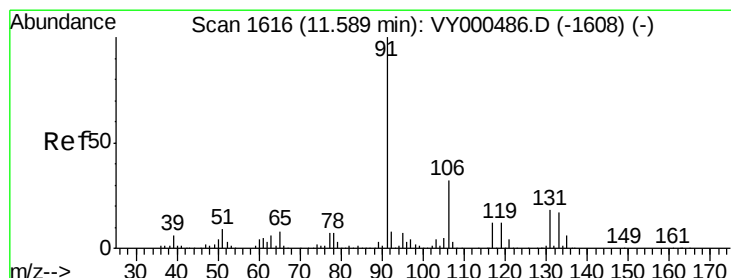
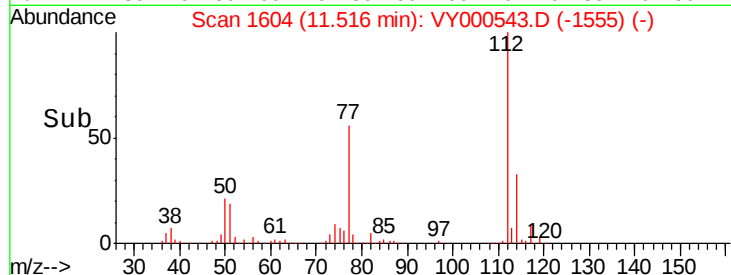
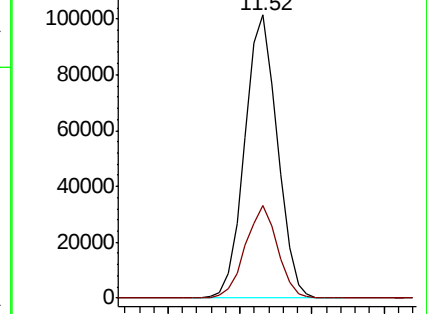
112 100

114 32.8 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.340 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

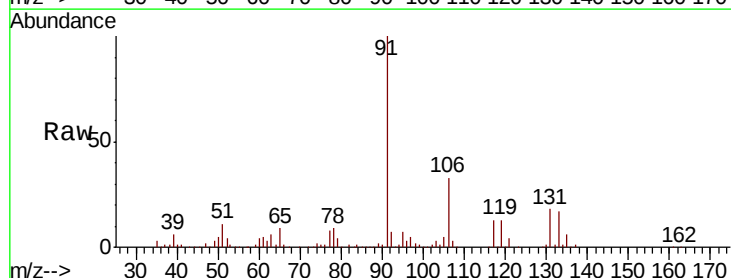
Tgt Ion:131 Resp: 55980

Ion Ratio Lower Upper

131 100

133 94.1 47.9 143.8

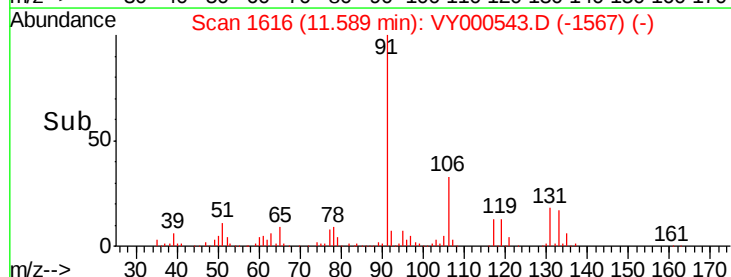
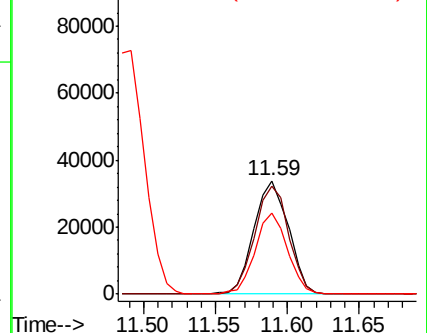
119 67.2 33.1 99.3

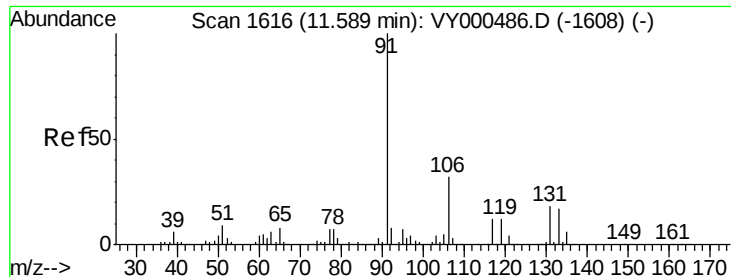


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

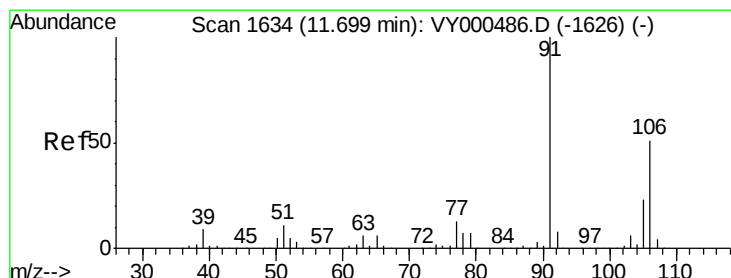
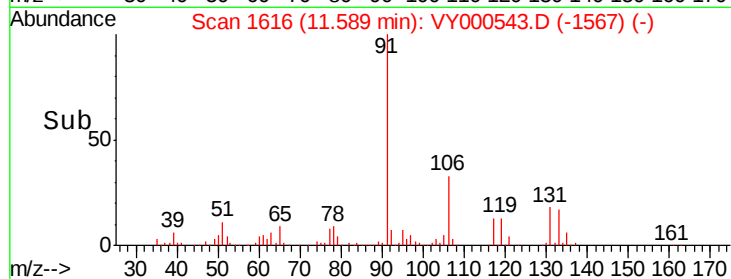
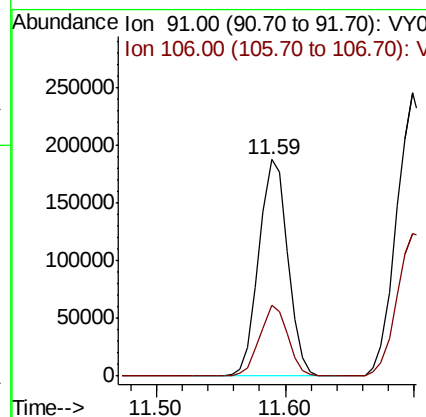
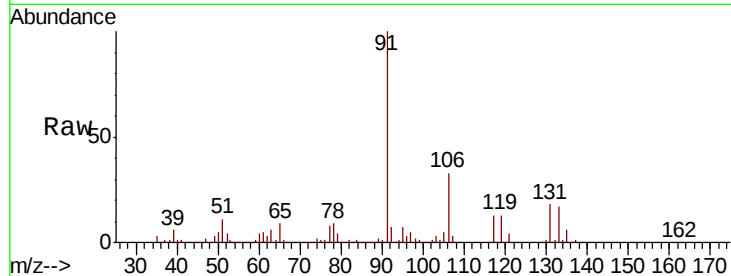




#67
Ethyl Benzene
Concen: 20.904 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

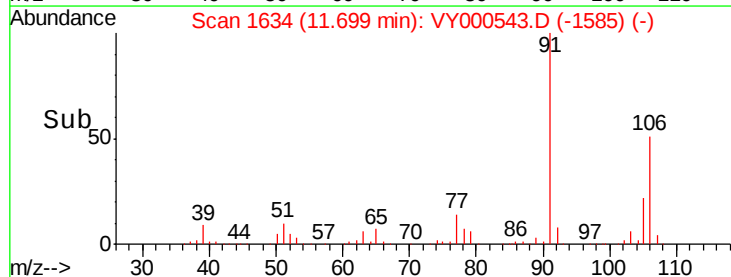
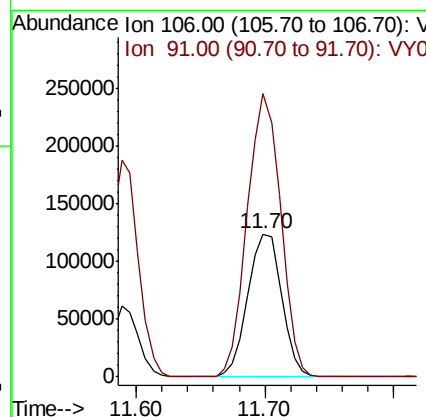
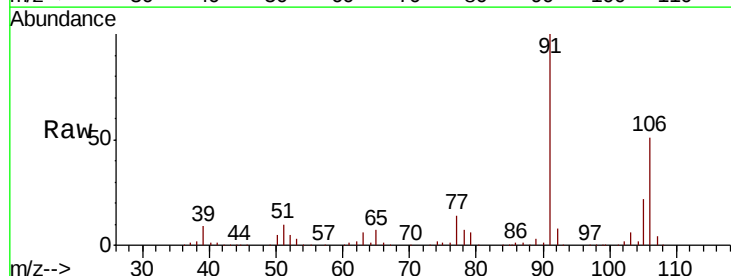
Instrument :
MSVOA_Y
ClientSampleId :

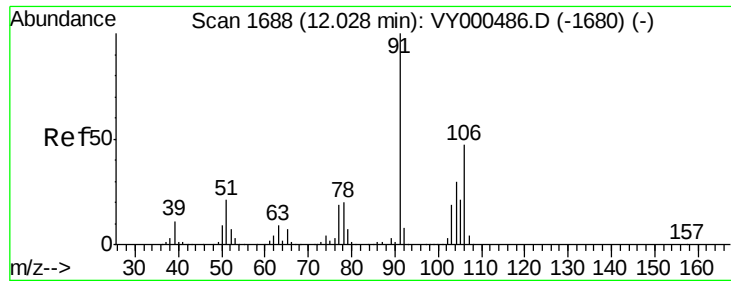
Tot Ion: 91 Resp: 291000
Ion Ratio Lower Upper
91 100
106 33.0 25.4 38.0



#68
m/p-Xylenes
Concen: 41.903 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 106 Resp: 225768
Ion Ratio Lower Upper
106 100
91 195.4 155.9 233.9

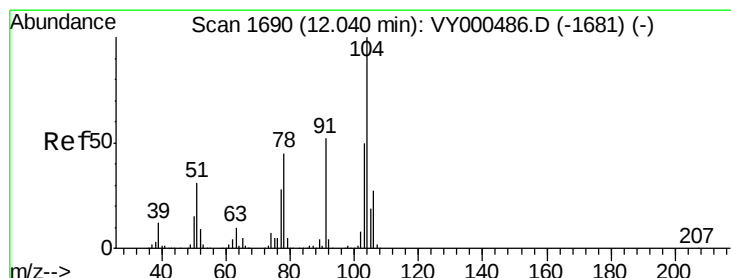
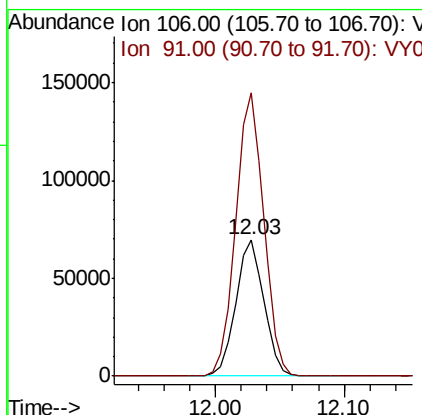
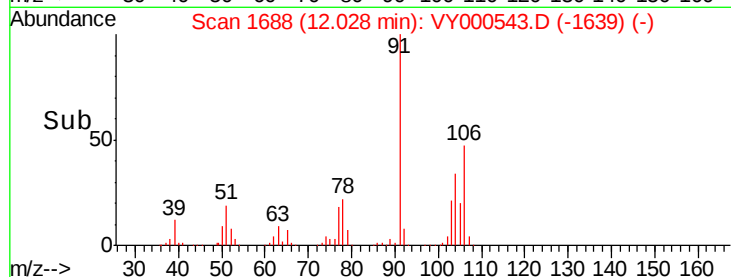
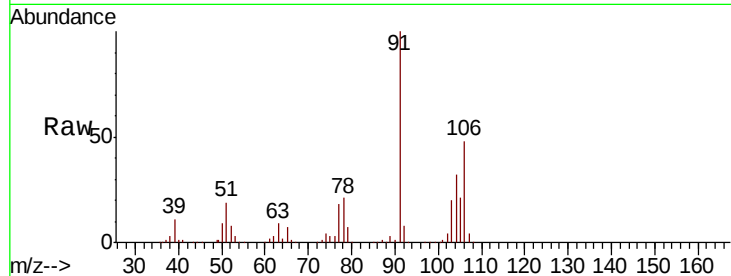




#69
o-Xylene
Concen: 20.807 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

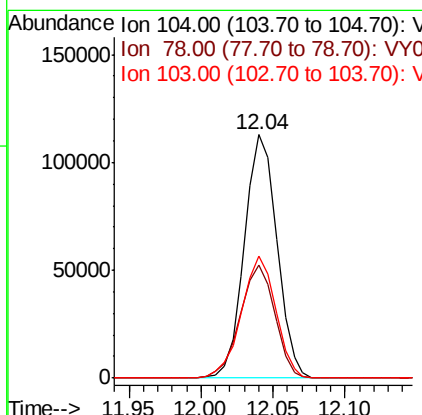
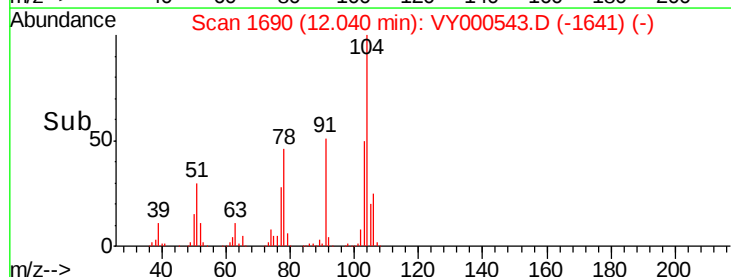
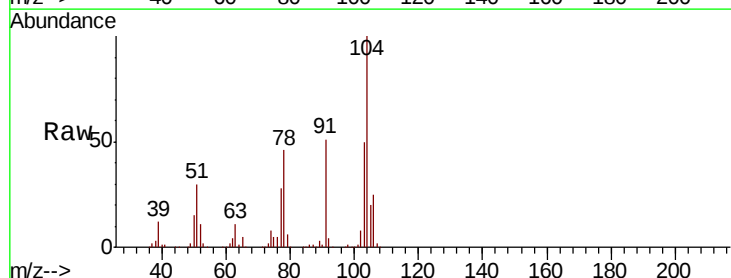
Instrument :
MSVOA_Y
ClientSampled :

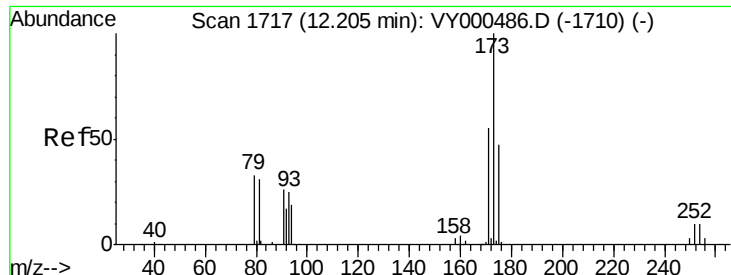
Tot Ion:106 Resp: 105361
Ion Ratio Lower Upper
106 100
91 207.2 106.5 319.6



#70
Styrene
Concen: 20.340 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion:104 Resp: 176366
Ion Ratio Lower Upper
104 100
78 49.9 39.0 58.4
103 53.1 42.5 63.7





#71

Bromoform

Concen: 20.093 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

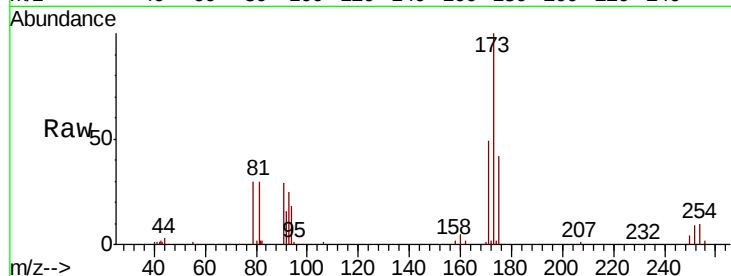
Tot Ion:173 Resp: 30316

Ion Ratio Lower Upper

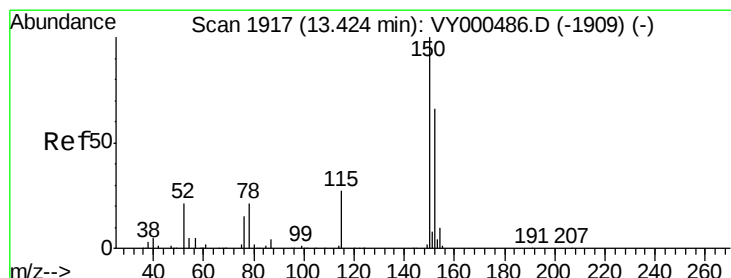
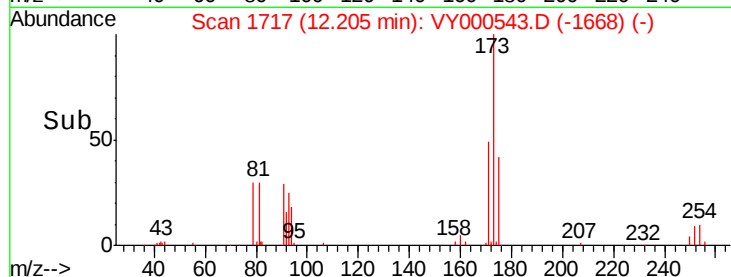
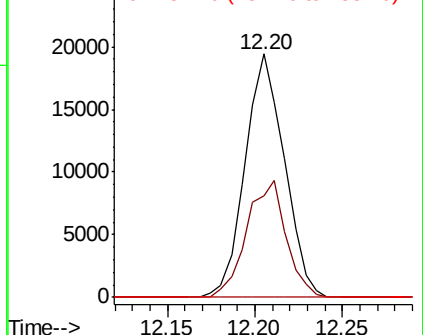
173 100

175 48.0 24.4 73.2

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

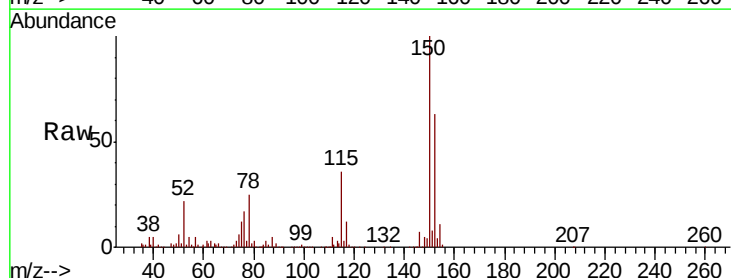
Tgt Ion:152 Resp: 185373

Ion Ratio Lower Upper

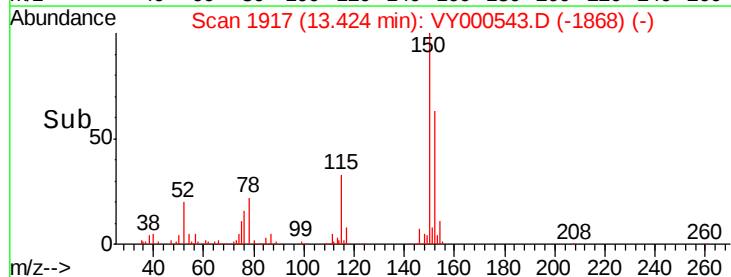
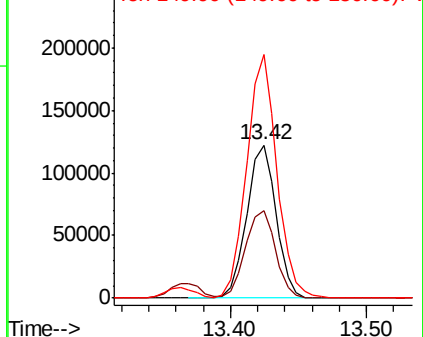
152 100

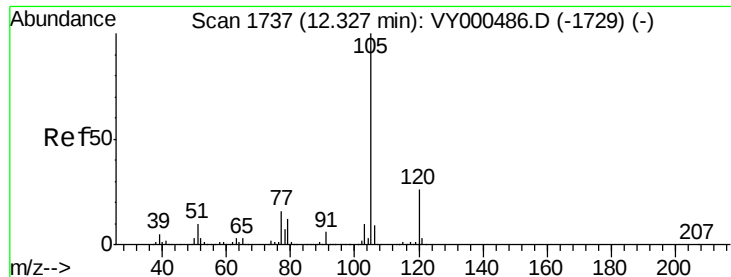
115 58.6 29.1 87.4

150 162.9 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.530 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

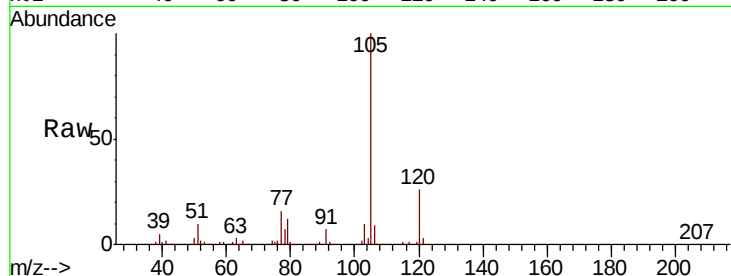
ClientSampleId :

Tot Ion:105 Resp: 281276

Ion Ratio Lower Upper

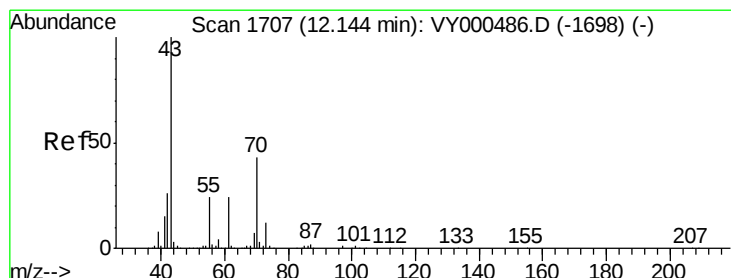
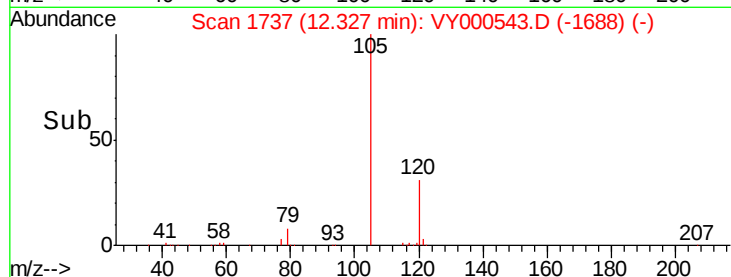
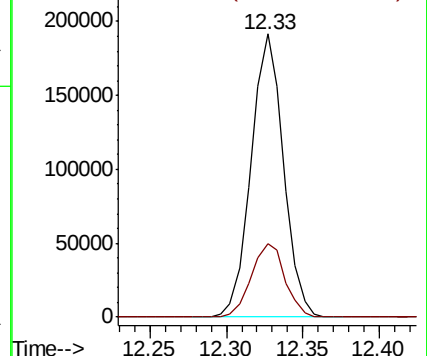
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.091 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Tgt Ion: 43 Resp: 82758

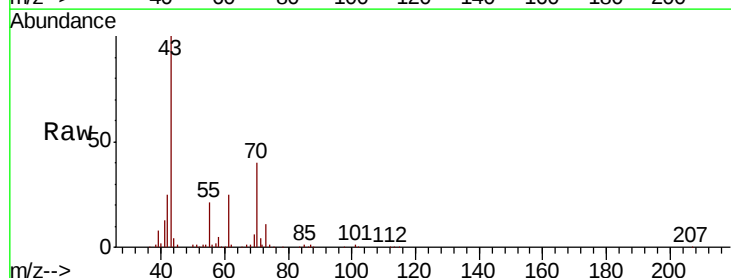
Ion Ratio Lower Upper

43 100

70 41.3 33.1 49.7

55 22.8 18.0 27.0

61 24.5 19.1 28.7

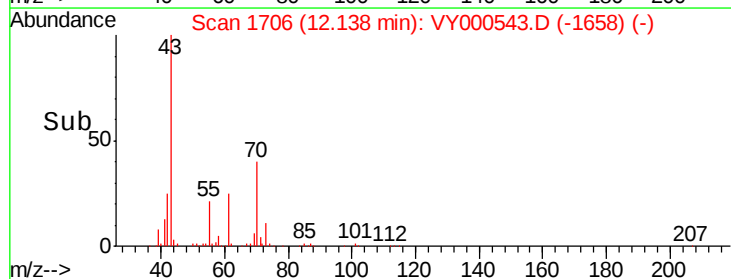
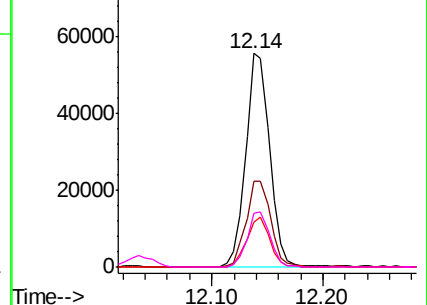


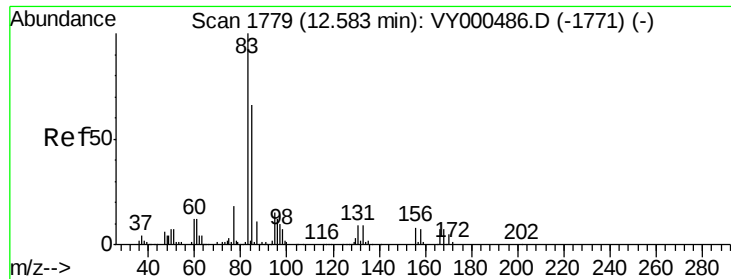
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.349 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

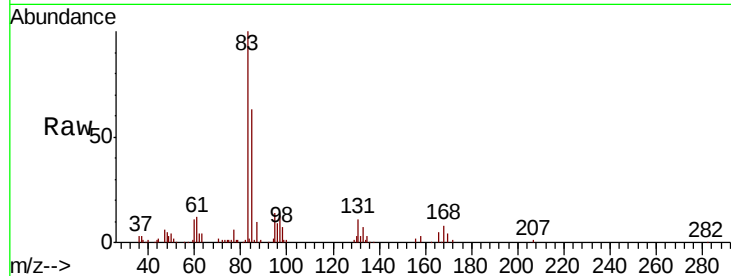
Tot Ion: 83 Resp: 55202

Ion Ratio Lower Upper

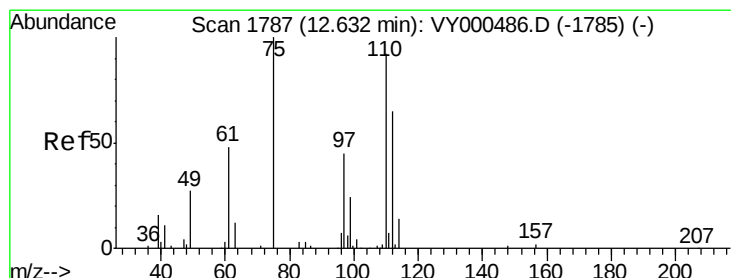
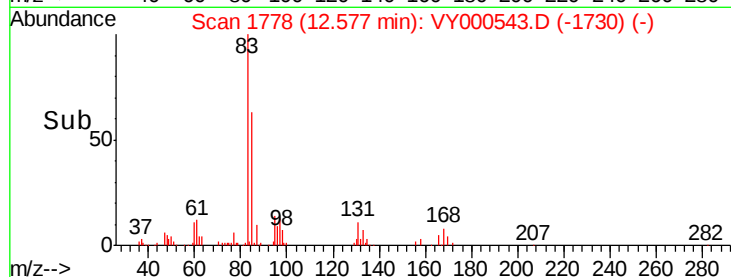
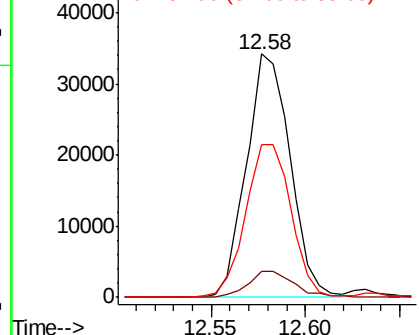
83 100

131 11.4 5.0 14.9

85 65.4 32.3 96.9



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



#76

1,2,3-Trichloropropane

Concen: 35.998 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000543.D

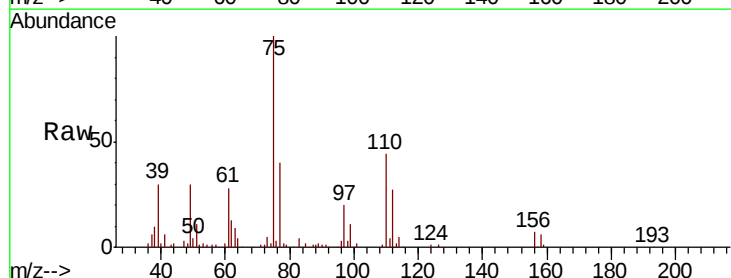
Acq: 06 Nov 2019 12:12

Tgt Ion: 75 Resp: 75981

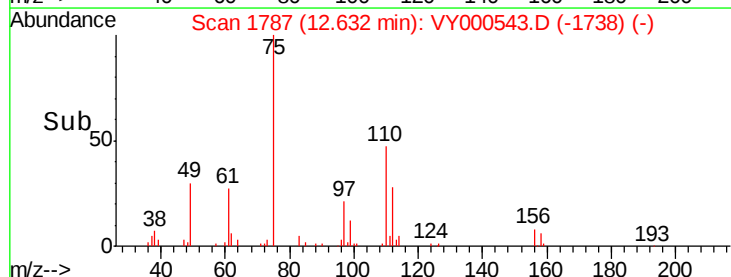
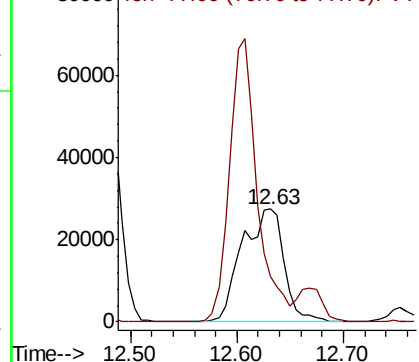
Ion Ratio Lower Upper

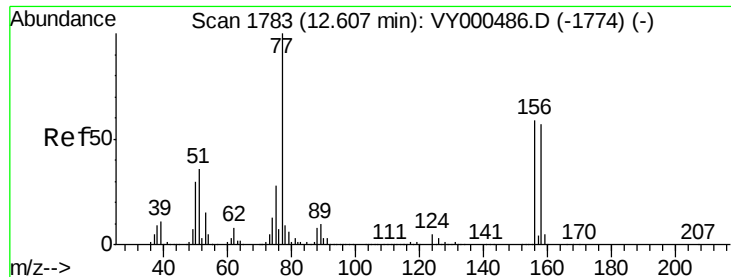
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 20.046 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

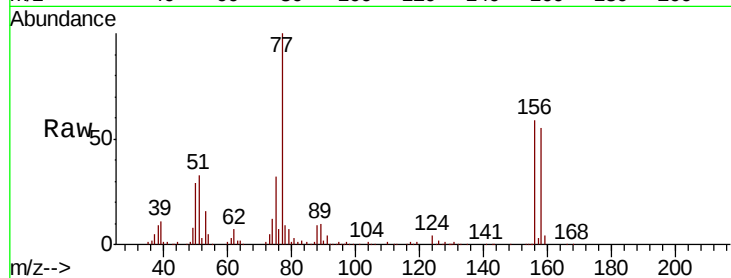
Tot Ion:156 Resp: 62279

Ion Ratio Lower Upper

156 100

77 201.7 98.2 294.4

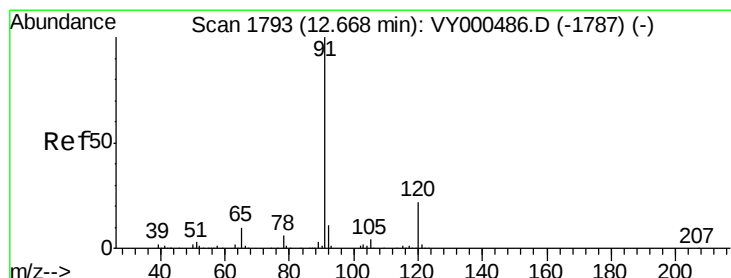
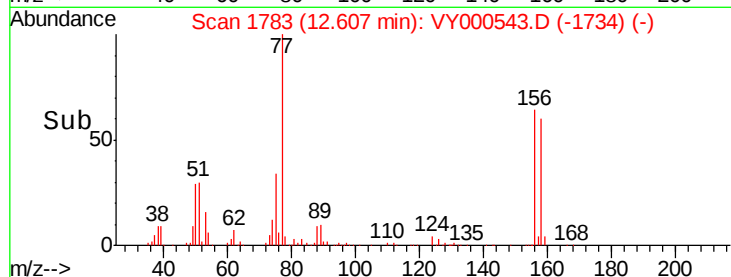
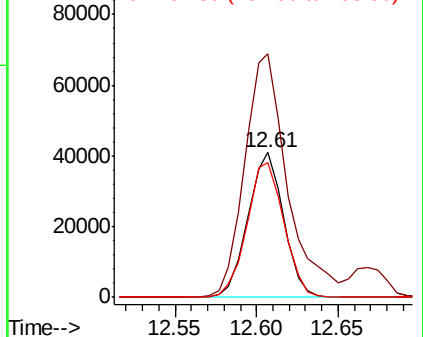
158 97.0 49.6 149.0



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: 20.715 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000543.D

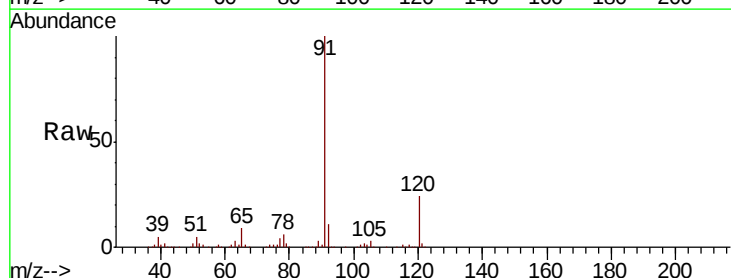
Acq: 06 Nov 2019 12:12

Tgt Ion: 91 Resp: 342440

Ion Ratio Lower Upper

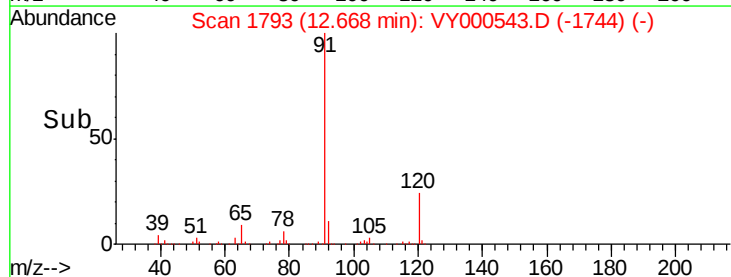
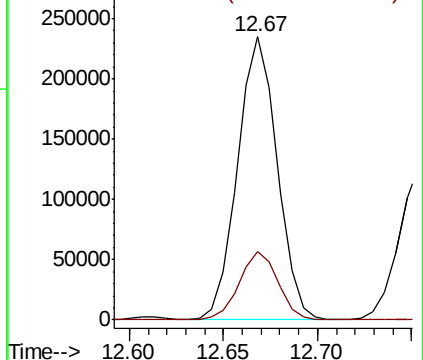
91 100

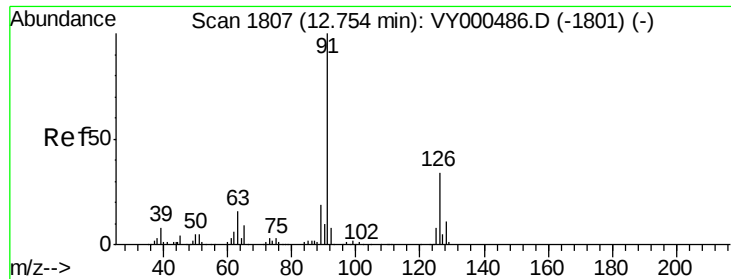
120 23.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

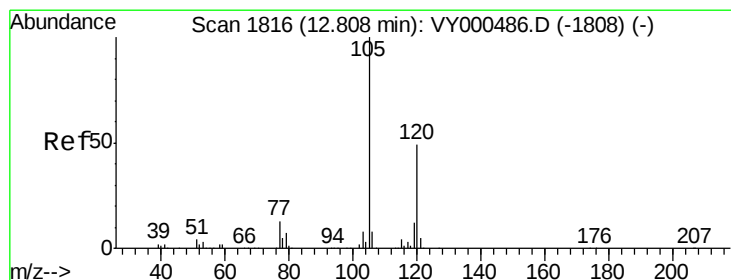
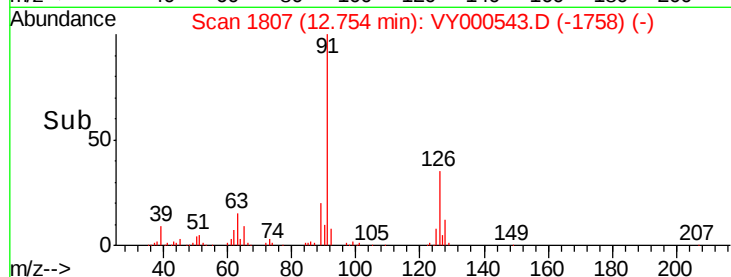
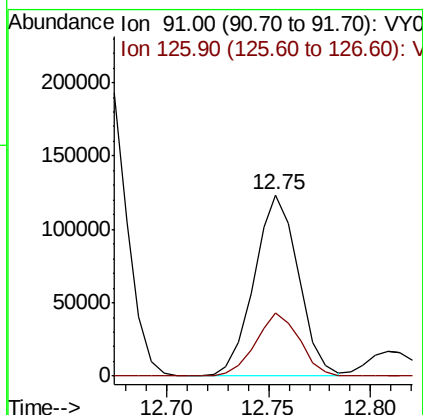
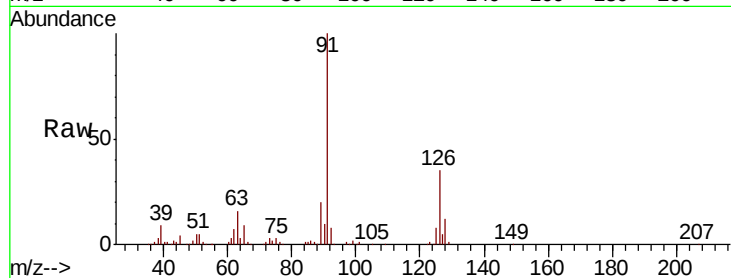




#79
 2-Chlorotoluene
 Concen: 20.338 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

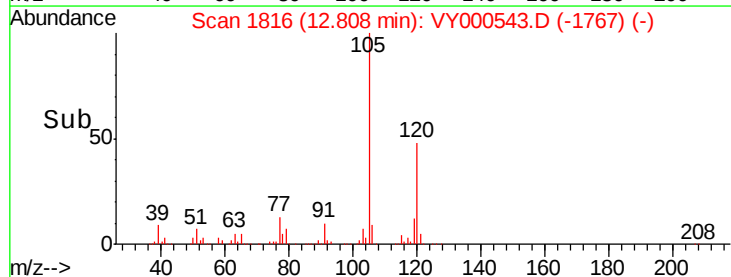
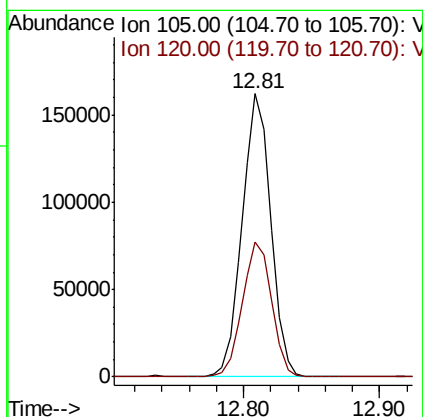
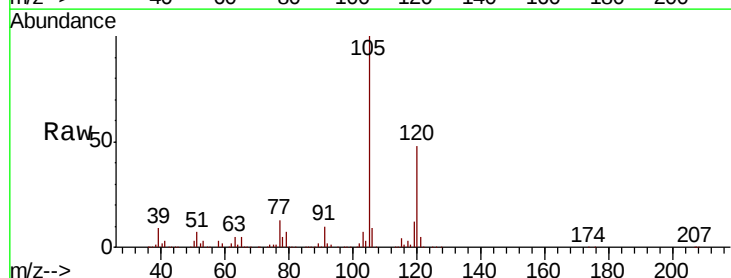
Instrument :
 MSVOA_Y
 ClientSampled :

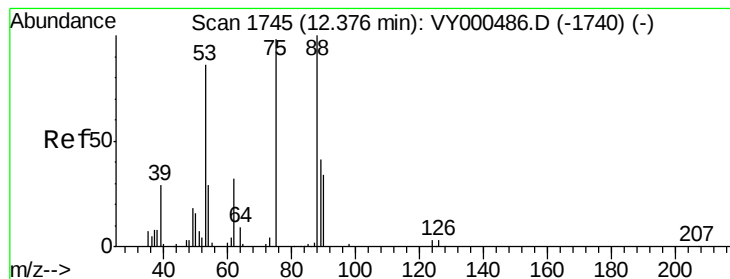
Tot Ion: 91 Resp: 186647
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.836 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion: 105 Resp: 237752
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.191 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

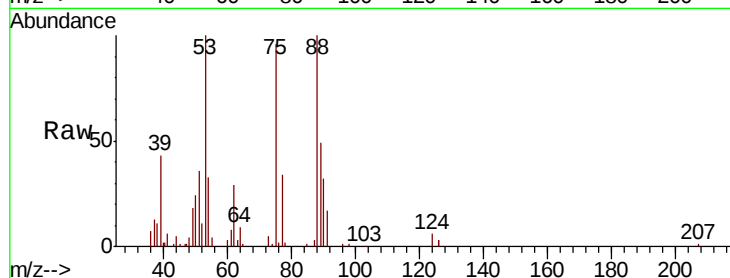
Tot Ion: 75 Resp: 19008

Ion Ratio Lower Upper

75 100

53 98.3 73.2 109.8

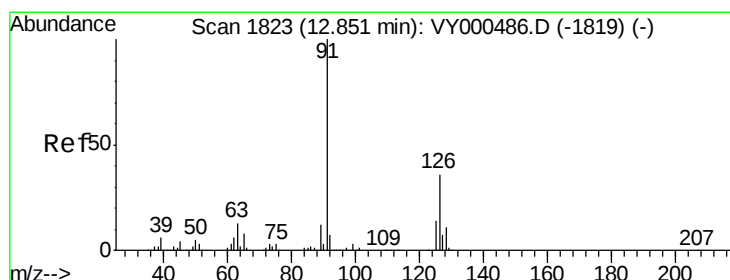
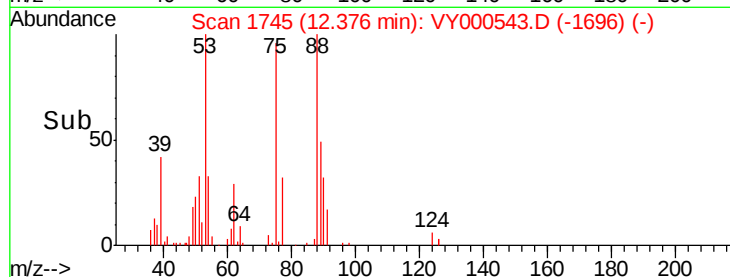
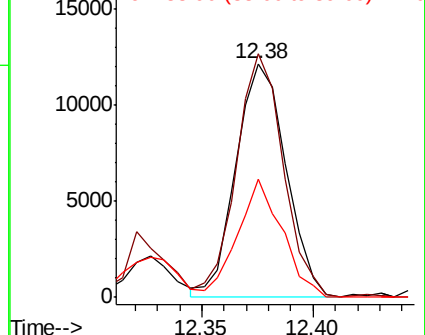
89 44.8 35.9 53.9



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: 20.722 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000543.D

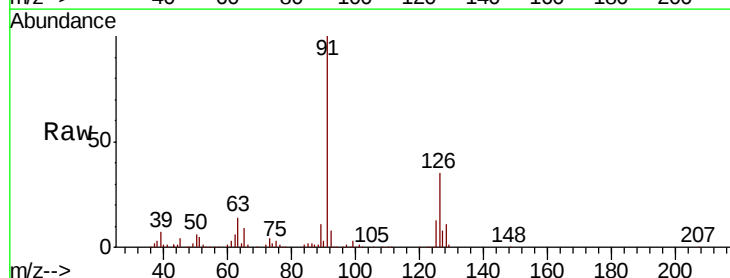
Acq: 06 Nov 2019 12:12

Tgt Ion: 91 Resp: 197123

Ion Ratio Lower Upper

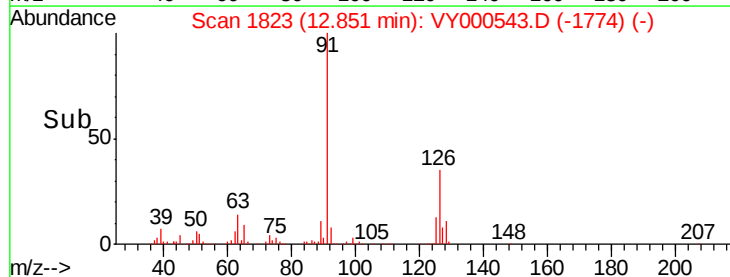
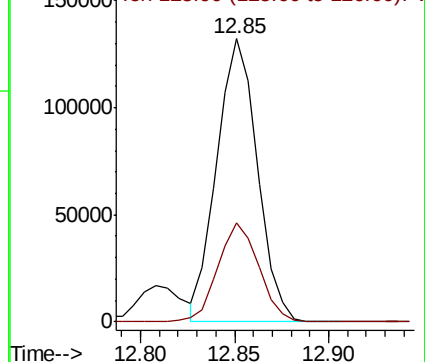
91 100

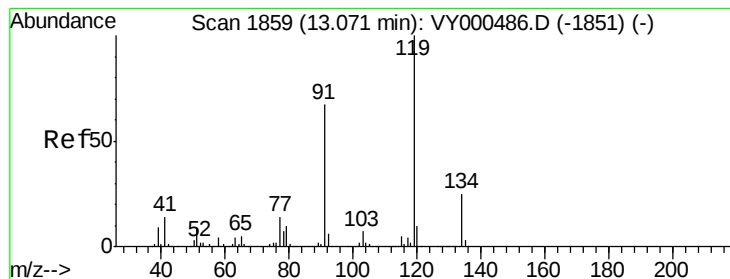
126 35.2 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.549 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

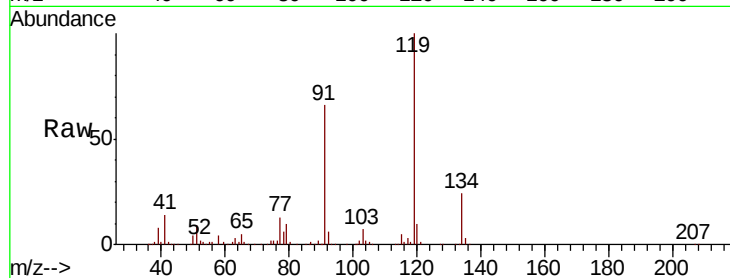
Tot Ion:119 Resp: 200202

Ion Ratio Lower Upper

119 100

91 66.8 32.1 96.3

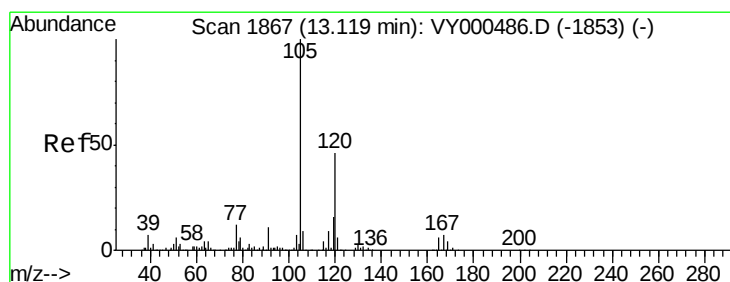
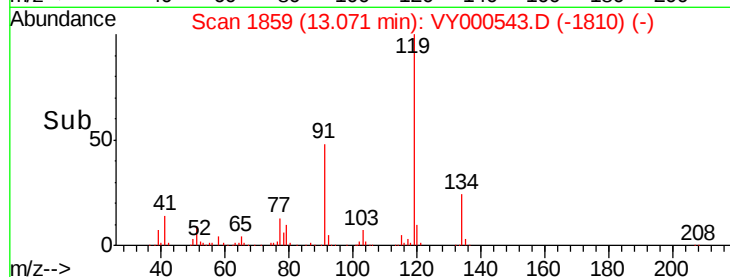
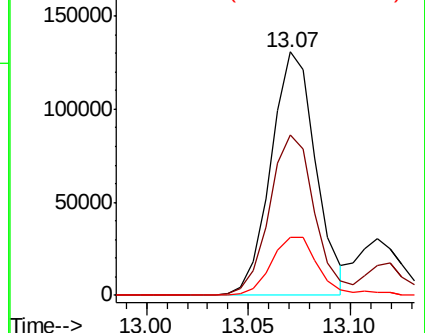
134 26.1 13.2 39.5



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: 20.957 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000543.D

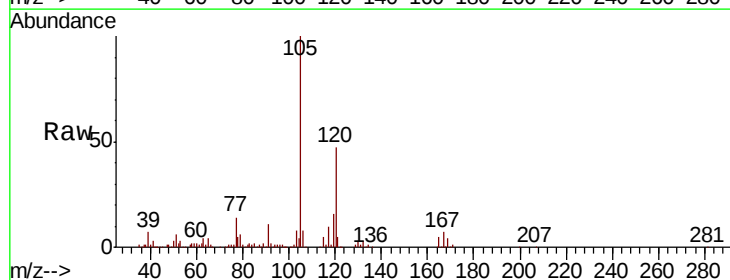
Acq: 06 Nov 2019 12:12

Tgt Ion:105 Resp: 238086

Ion Ratio Lower Upper

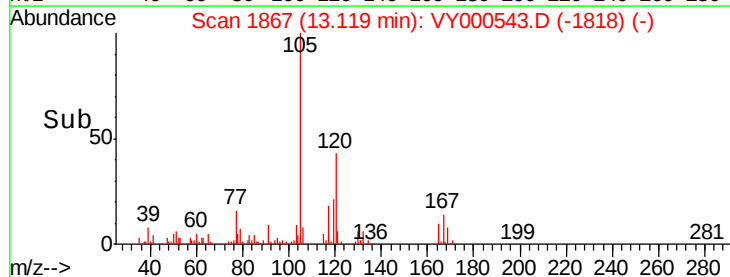
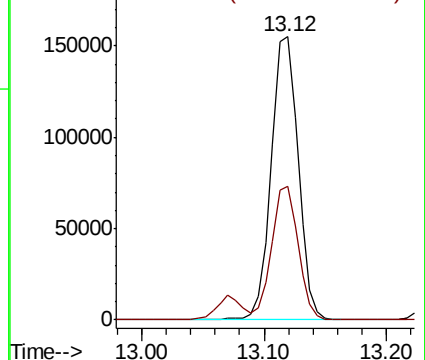
105 100

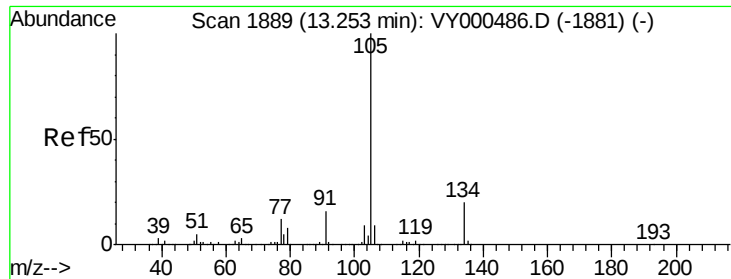
120 46.3 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.744 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

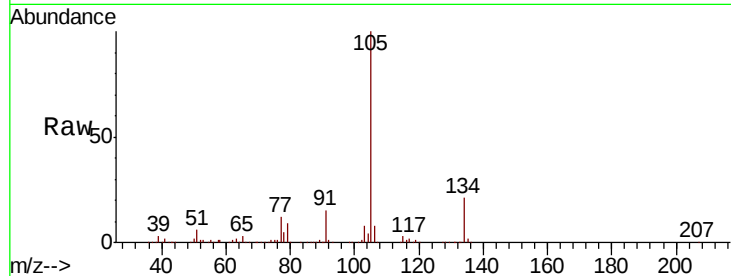
ClientSampleId :

Tot Ion:105 Resp: 287936

Ion Ratio Lower Upper

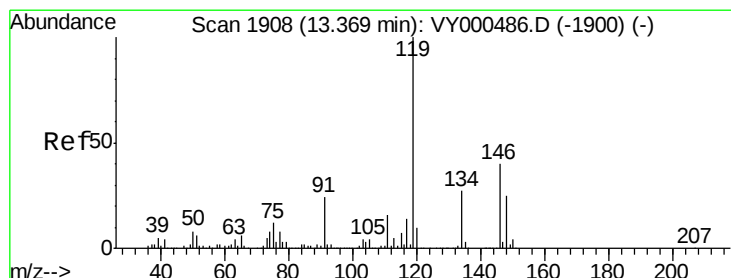
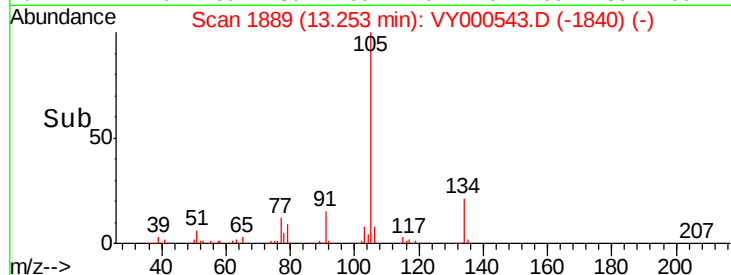
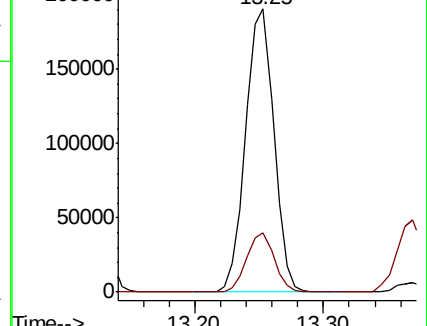
105 100

134 20.5 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.764 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

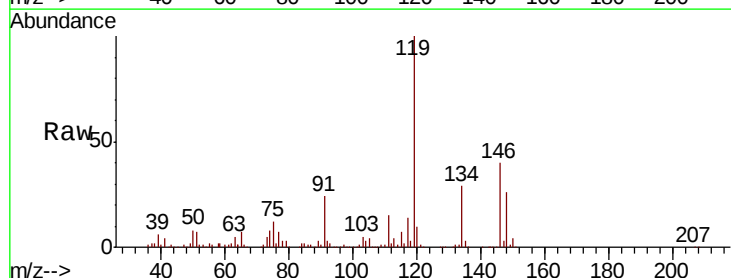
Tgt Ion:119 Resp: 256867

Ion Ratio Lower Upper

119 100

134 27.8 13.6 40.8

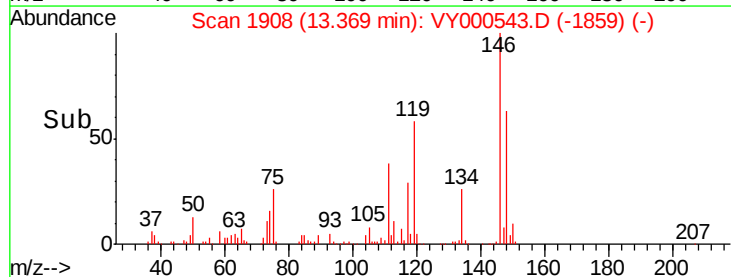
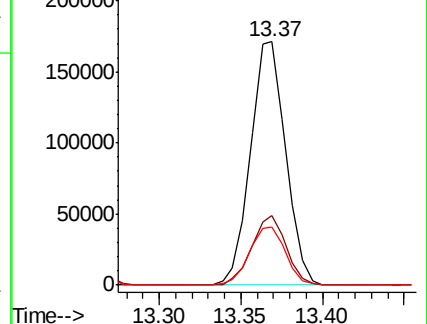
91 24.6 12.0 36.1

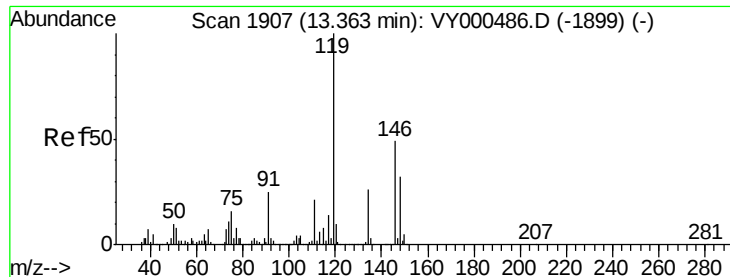


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

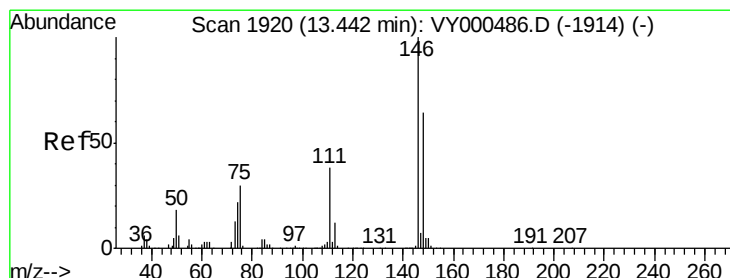
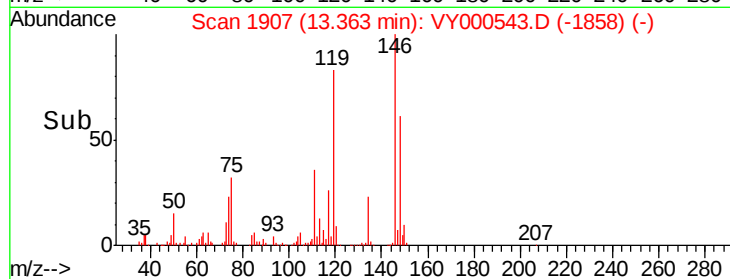
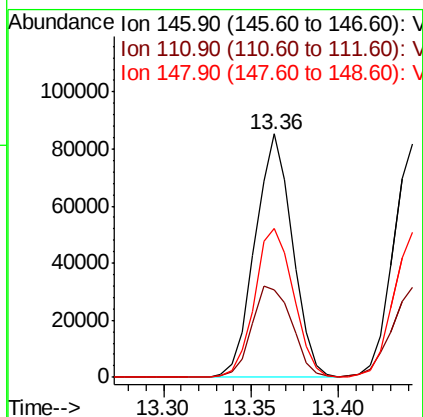
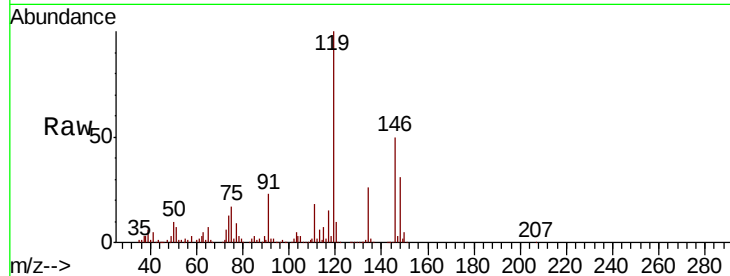




#87
 1,3-Dichlorobenzene
 Concen: 20.838 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

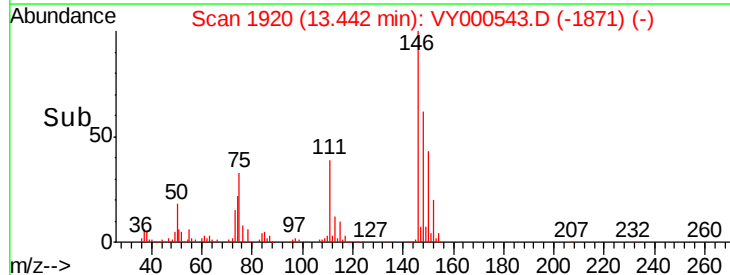
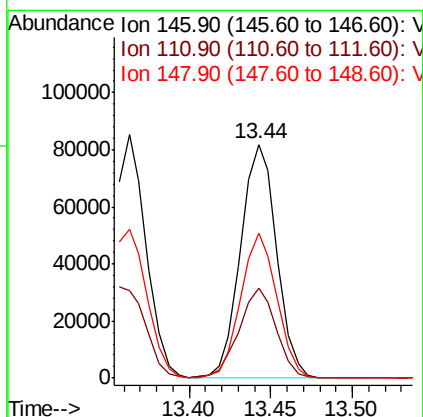
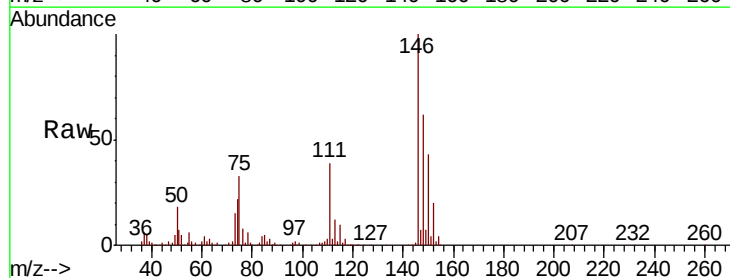
Instrument :
 MSVOA_Y
 ClientSampleId :

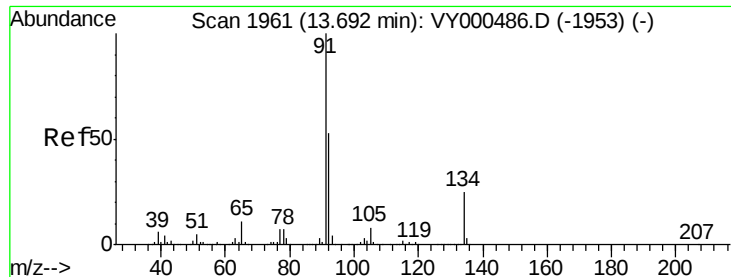
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	63.3	31.5	94.5



#88
 1,4-Dichlorobenzene
 Concen: 20.776 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.0
148	62.1	31.9	95.7

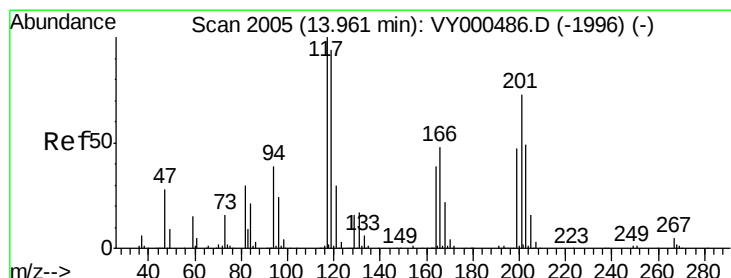
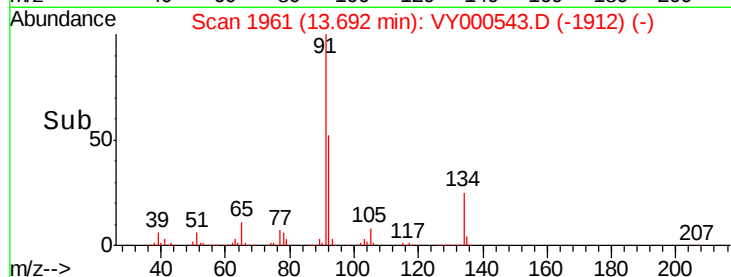
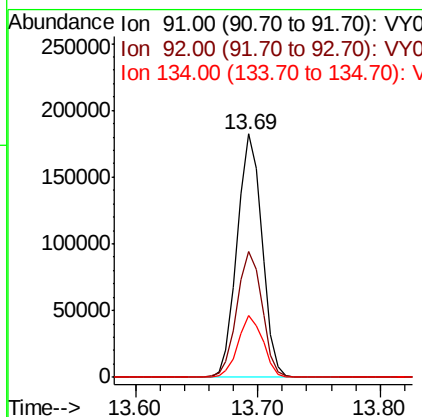
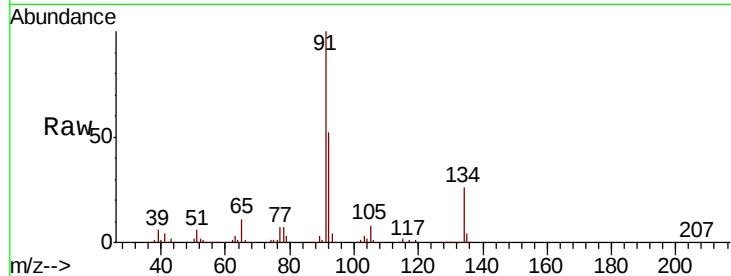




#89
n-Butylbenzene
Concen: 20.918 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

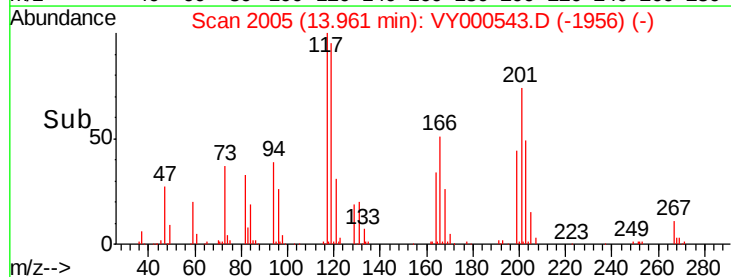
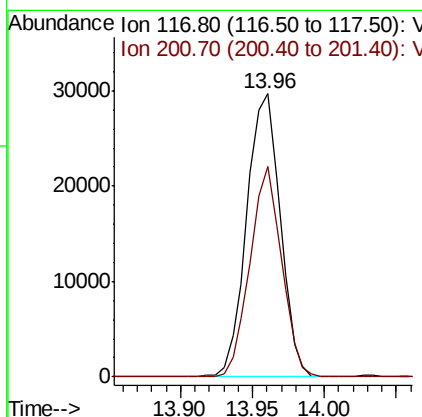
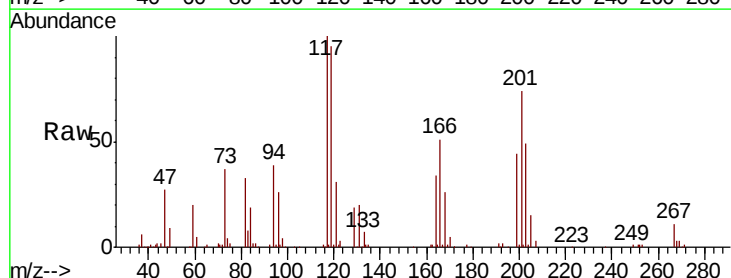
Instrument :
MSVOA_Y
ClientSampleId :

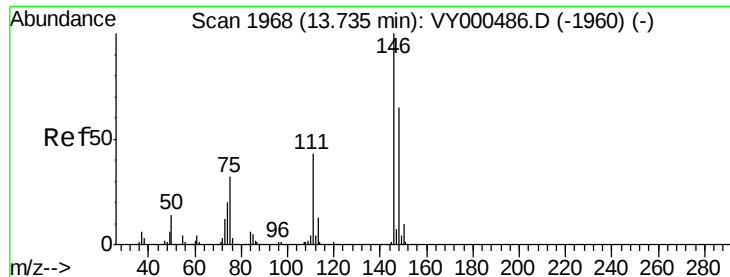
Tot Ion: 91 Resp: 255232
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.3
134 25.7 12.9 38.7



#90
Hexachloroethane
Concen: 20.901 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion: 117 Resp: 47801
Ion Ratio Lower Upper
117 100
201 69.9 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 21.311 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

Instrument :

MSVOA_Y

ClientSampleId :

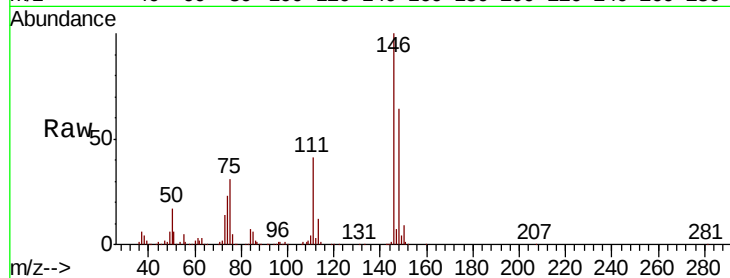
Tot Ion:146 Resp: 117664

Ion Ratio Lower Upper

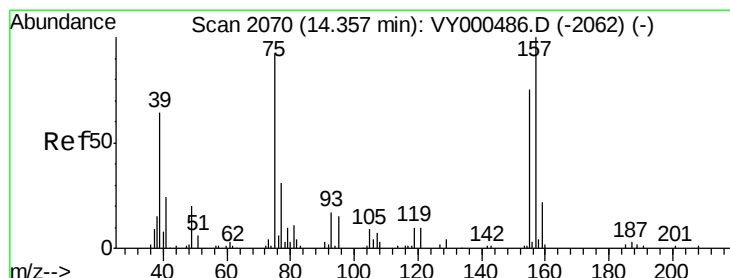
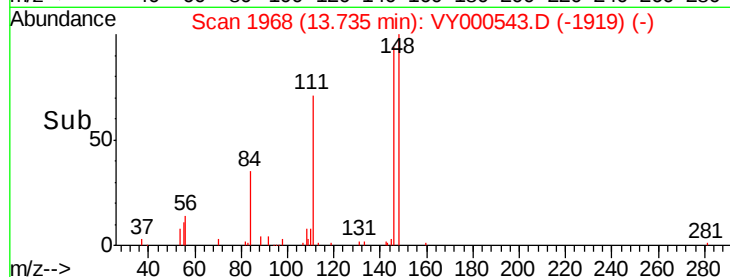
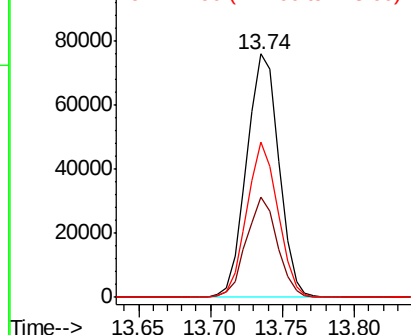
146 100

111 39.6 20.5 61.5

148 61.4 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: 21.313 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY000543.D

Acq: 06 Nov 2019 12:12

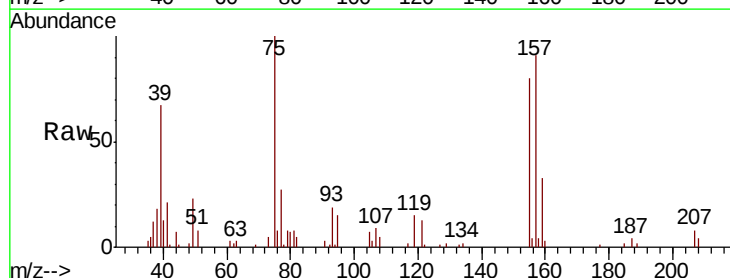
Tgt Ion: 75 Resp: 10232

Ion Ratio Lower Upper

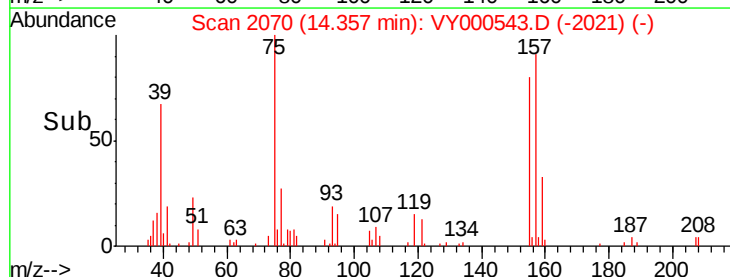
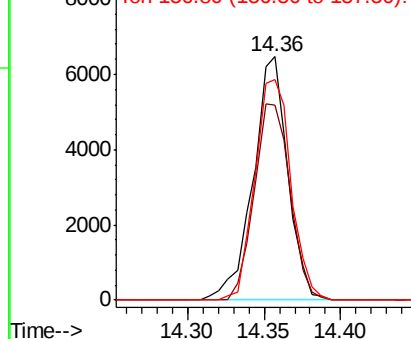
75 100

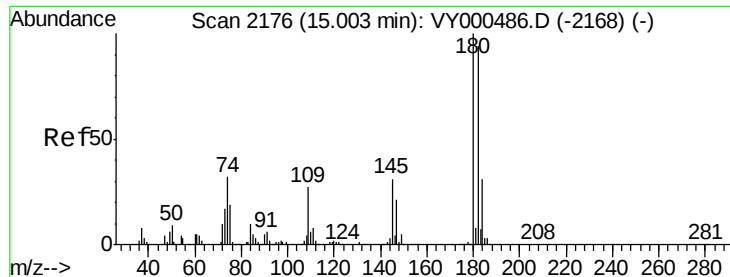
155 83.1 42.4 127.1

157 94.1 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

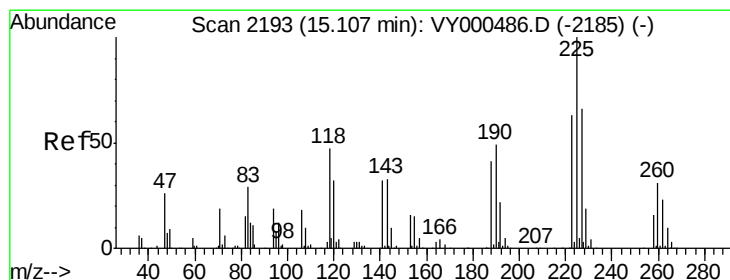
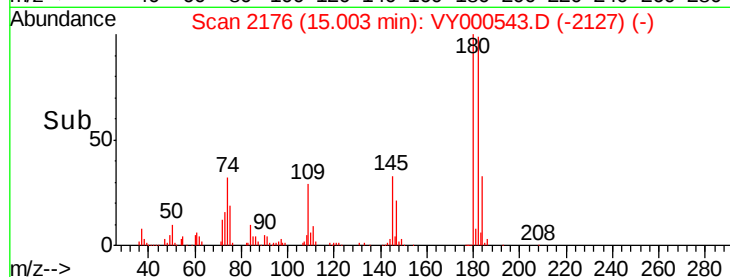
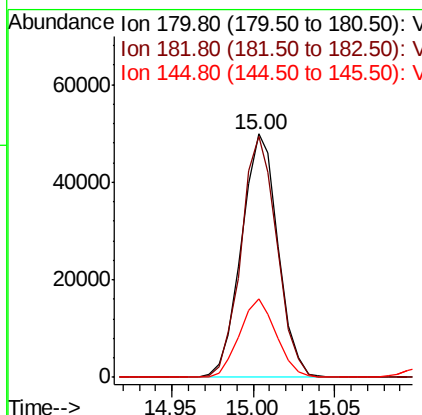
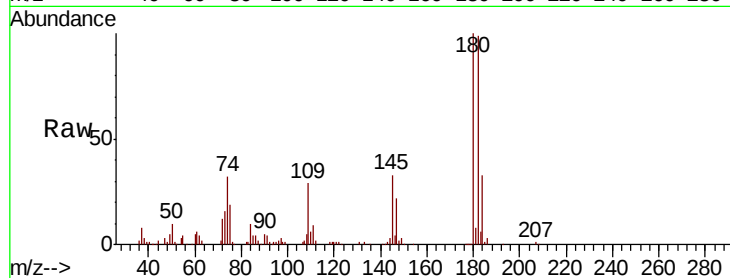




#93
 1,2,4-Trichlorobenzene
 Concen: 20.732 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

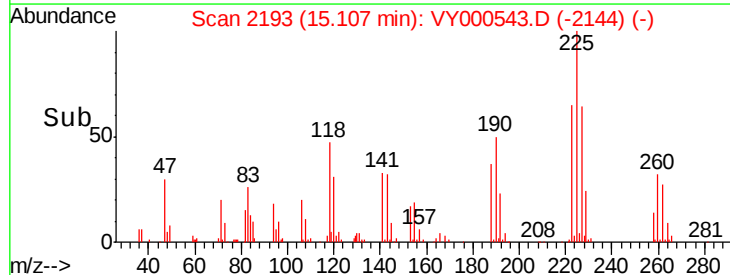
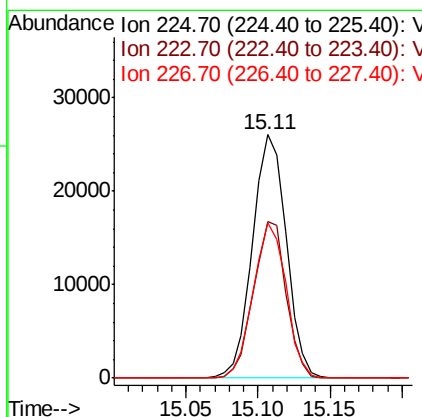
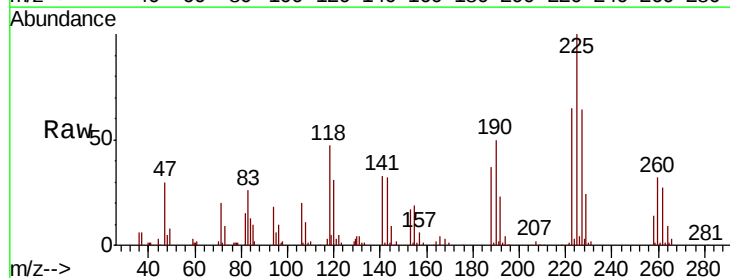
Instrument :
 MSVOA_Y
 ClientSampleId :

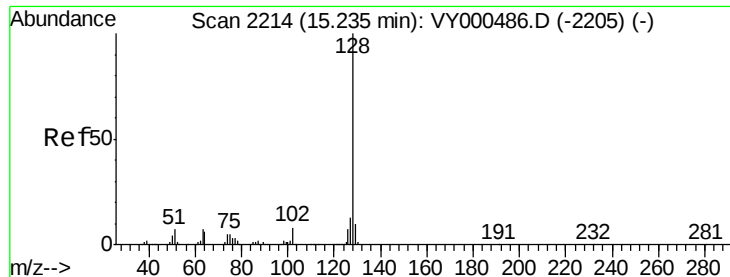
Tot Ion:180 Resp: 77942
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.8 143.4
 145 32.3 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 21.762 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000543.D
 Acq: 06 Nov 2019 12:12

Tgt Ion:225 Resp: 42173
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.3 93.8
 227 62.1 32.4 97.0

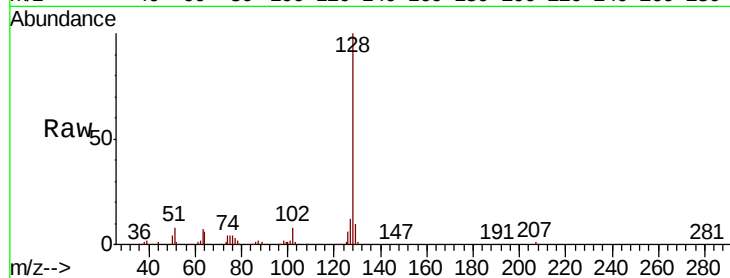




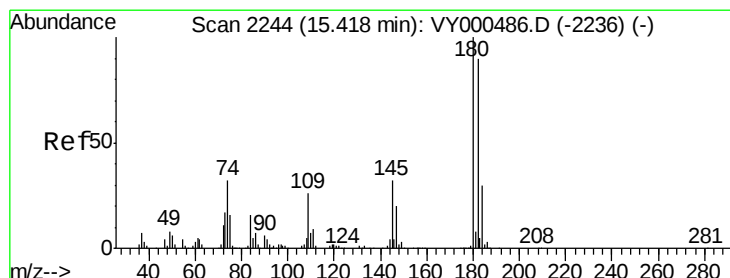
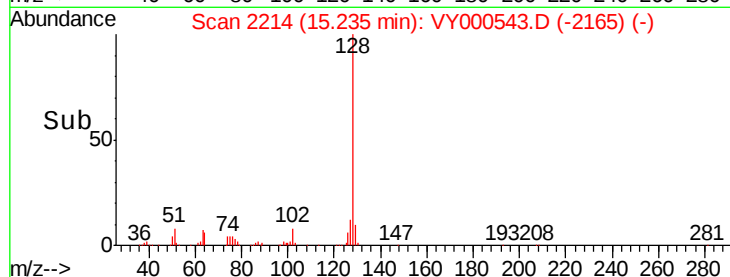
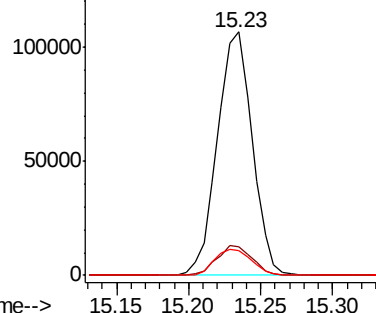
#95
Naphthalene
Concen: 21.360 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 178264
Ion Ratio Lower Upper
128 100
127 12.3 9.8 14.6
129 11.3 8.7 13.1

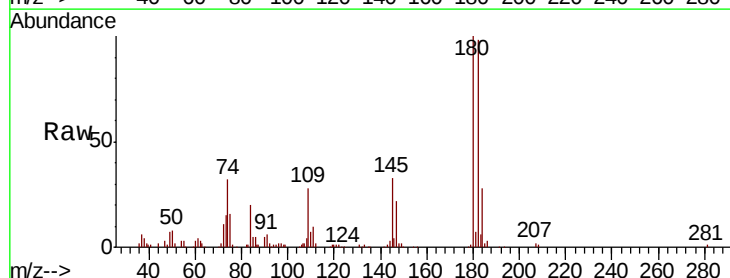


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.954 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000543.D
Acq: 06 Nov 2019 12:12

Tgt Ion:180 Resp: 70673
Ion Ratio Lower Upper
180 100
182 98.9 47.4 142.3
145 32.4 15.7 47.0



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

