

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000607.D
 Acq On : 08 Nov 2019 11:31
 Operator : SY/MD
 Sample : VY1108SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 11:05:49 AM

Quant Time: Nov 11 05:43:05 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	277805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	460697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	416087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	197743	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	151061	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
35) Dibromofluoromethane	7.73	113	131322	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	10.19	98	539550	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.48	95	191906	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	48962	17.904	ug/l	94
3) Chloromethane	2.12	50	68146	18.089	ug/l	97
4) Vinyl Chloride	2.26	62	64011	18.298	ug/l	97
5) Bromomethane	2.66	94	40072	19.102	ug/l	93
6) Chloroethane	2.80	64	43281	19.768	ug/l	96
7) Trichlorofluoromethane	3.13	101	93829	19.860	ug/l	96
8) Diethyl Ether	3.54	74	32040	19.086	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	56346	19.728	ug/l	96
10) Methyl Iodide	4.10	142	63050	18.897	ug/l	99
11) Tert butyl alcohol	5.02	59	18445m	65.909	ug/l	
12) 1,1-Dichloroethene	3.88	96	54715	19.717	ug/l	96
13) Acrolein	3.74	56	16750	68.712	ug/l	96
14) Allyl chloride	4.49	41	89767	19.894	ug/l	99
15) Acrylonitrile	5.19	53	82716	96.188	ug/l	99
16) Acetone	3.98	43	54940	69.337	ug/l	95
17) Carbon Disulfide	4.20	76	159599	18.235	ug/l	98
18) Methyl Acetate	4.49	43	43206	17.537	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	148679	19.270	ug/l	94
20) Methylene Chloride	4.72	84	64783	19.081	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	59640	19.011	ug/l	95
22) Diisopropyl ether	6.13	45	197162	20.103	ug/l	94
23) Vinyl Acetate	6.08	43	614022	99.179	ug/l	98
24) 1,1-Dichloroethane	6.04	63	105360	19.830	ug/l	97
25) 2-Butanone	7.01	43	106481	84.204	ug/l	97
26) 2,2-Dichloropropane	6.99	77	95174	19.601	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	67929	19.802	ug/l	99
28) Bromochloromethane	7.35	49	26643	14.188	ug/l	96
29) Tetrahydrofuran	7.37	42	71901	92.942	ug/l	97
30) Chloroform	7.52	83	105131	19.560	ug/l	96
31) Cyclohexane	7.80	56	106814	19.194	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	91492	19.100	ug/l	98
36) 1,1-Dichloropropene	7.93	75	86287	19.812	ug/l	100
37) Ethyl Acetate	7.09	43	48872	18.901	ug/l	97
38) Carbon Tetrachloride	7.91	117	84375	20.134	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	108961	19.365	ug/l	95
40) Benzene	8.18	78	244897	19.180	ug/l	98
41) Methacrylonitrile	7.33	41	29425	20.399	ug/l #	65
42) 1,2-Dichloroethane	8.25	62	72690	20.072	ug/l	99
43) Isopropyl Acetate	8.28	43	96585	19.885	ug/l	98
44) Trichloroethene	8.94	130	65538	19.467	ug/l	97
45) 1,2-Dichloropropane	9.22	63	61341	19.519	ug/l	95
46) Dibromomethane	9.32	93	33488	19.376	ug/l	97
47) Bromodichloromethane	9.50	83	79163	19.304	ug/l	97
48) Methyl methacrylate	9.30	41	41245	19.435	ug/l	96
49) 1,4-Dioxane	9.33	88	8010	344.366	ug/l #	71
51) 4-Methyl-2-Pentanone	10.08	43	248674	96.293	ug/l	99
52) Toluene	10.25	92	156936	19.440	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	87842	20.047	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	97820	19.487	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	47144	18.859	ug/l	97
56) Ethyl methacrylate	10.51	69	68685	19.386	ug/l	97
57) 1,3-Dichloropropane	10.79	76	86364	19.740	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	164645	102.791	ug/l	99
59) 2-Hexanone	10.84	43	175497	93.271	ug/l	99
60) Dibromochloromethane	10.99	129	54220	18.936	ug/l	99
61) 1,2-Dibromoethane	11.10	107	47480	19.754	ug/l	99
64) Tetrachloroethene	10.72	164	67355	19.577	ug/l	96
65) Chlorobenzene	11.52	112	166251	19.707	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	57418	19.625	ug/l	99
67) Ethyl Benzene	11.60	91	307570	19.810	ug/l	98
68) m/p-Xylenes	11.70	106	230475	38.354	ug/l	96
69) o-Xylene	12.03	106	108435	19.200	ug/l	98
70) Styrene	12.05	104	184192	19.046	ug/l	99
71) Bromoform	12.21	173	31724	18.852	ug/l #	99
73) Isopropylbenzene	12.33	105	294410	20.145	ug/l	100
74) N-amyl acetate	12.14	43	83573	19.967	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	58513	20.221	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	37024m	16.444	ug/l	
77) Bromobenzene	12.61	156	64532	19.472	ug/l	96
78) n-propylbenzene	12.67	91	357124	20.252	ug/l	100
79) 2-Chlorotoluene	12.76	91	195823	20.003	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	250345	20.567	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	19160	19.080	ug/l	99
82) 4-Chlorotoluene	12.86	91	209245	20.620	ug/l	98
83) tert-Butylbenzene	13.08	119	206779	19.896	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	252131	20.805	ug/l	96
85) sec-Butylbenzene	13.25	105	303286	20.483	ug/l	100
86) p-Isopropyltoluene	13.37	119	269599	20.429	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	127349	19.618	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	129915	20.028	ug/l	99
89) n-Butylbenzene	13.70	91	264144	20.294	ug/l	98
90) Hexachloroethane	13.96	117	48862	20.028	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	117186	19.897	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10165	19.848	ug/l	95

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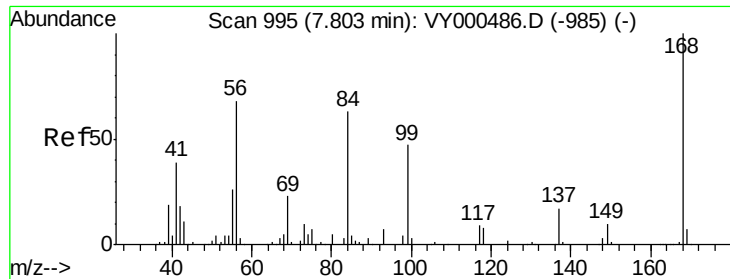
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	80898	20.172	ug/l	96
94) Hexachlorobutadiene	15.11	225	41905	20.271	ug/l	97
95) Naphthalene	15.23	128	177713	19.962	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	71479	19.867	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

Tot Ion:168 Resp: 277805

Ion Ratio Lower Upper

168 100

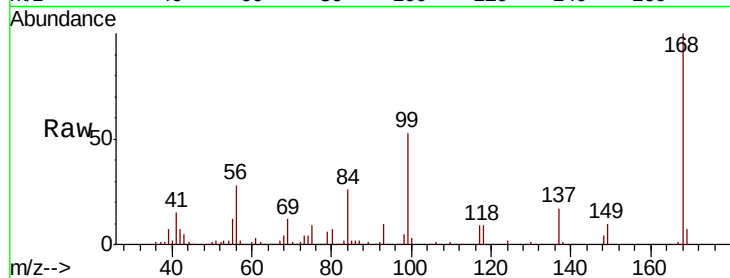
99 52.9 45.7 68.5

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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

150000

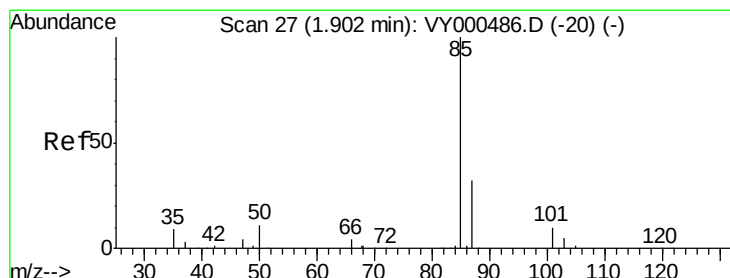
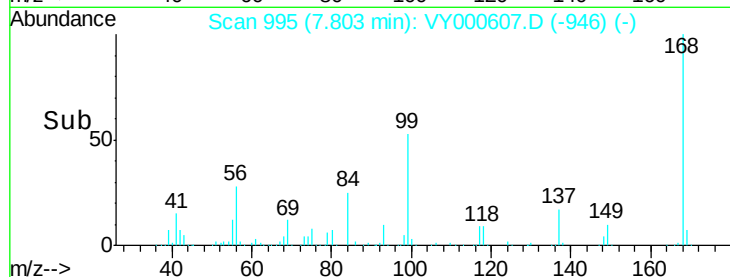
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.904 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000607.D

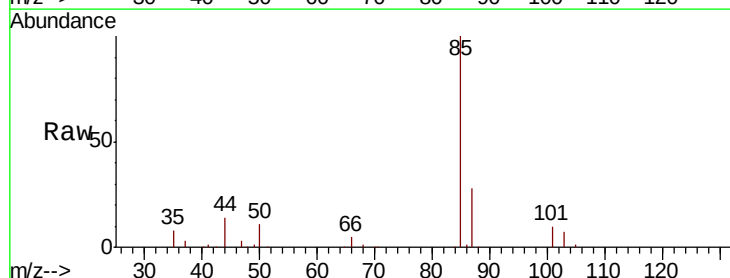
Acq: 08 Nov 2019 11:31

Tgt Ion: 85 Resp: 48962

Ion Ratio Lower Upper

85 100

87 28.4 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) (-)

1.91

30000

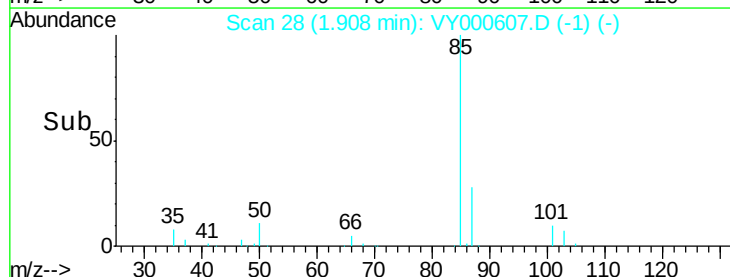
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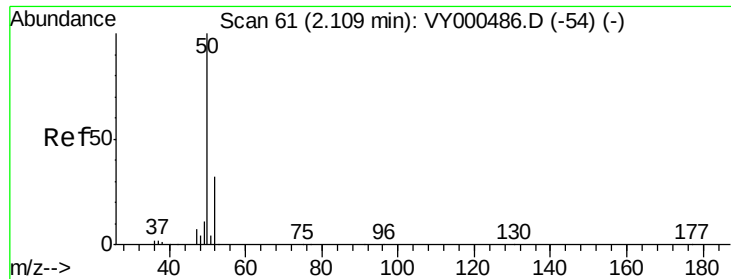
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 18.089 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

Tot Ion: 50 Resp: 68146

Ion Ratio Lower Upper

50 100

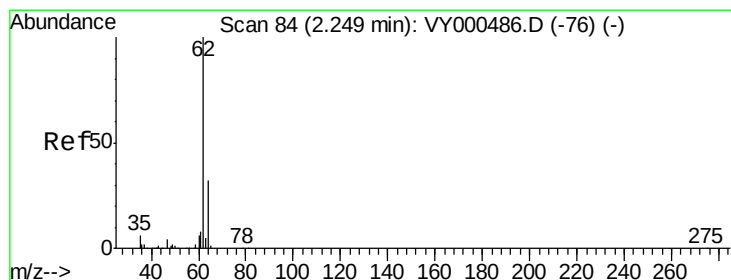
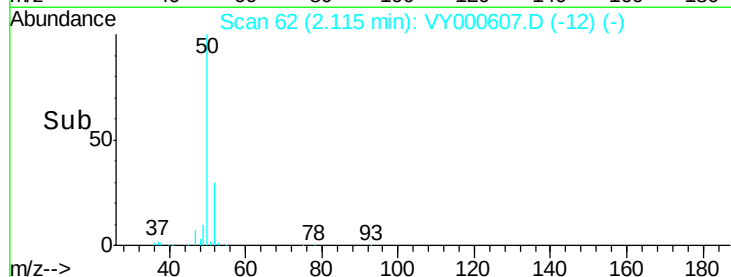
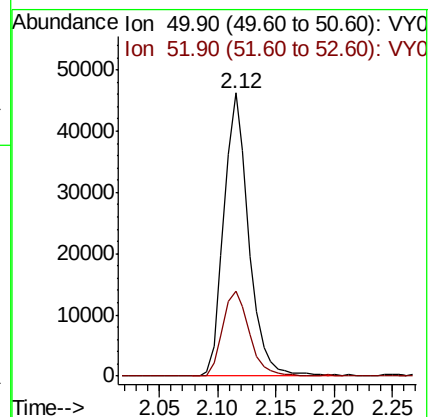
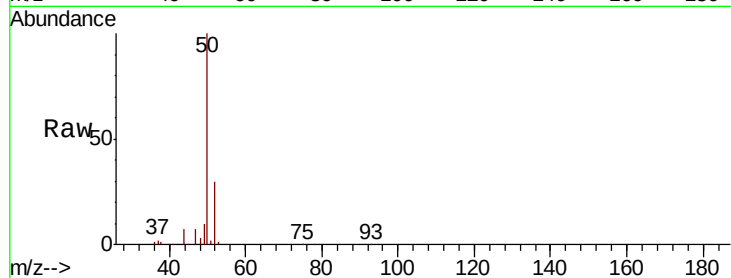
52 30.1 25.2 37.8

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#4

Vinyl Chloride

Concen: 18.298 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000607.D

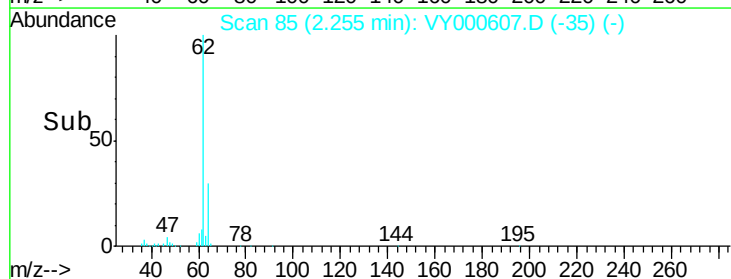
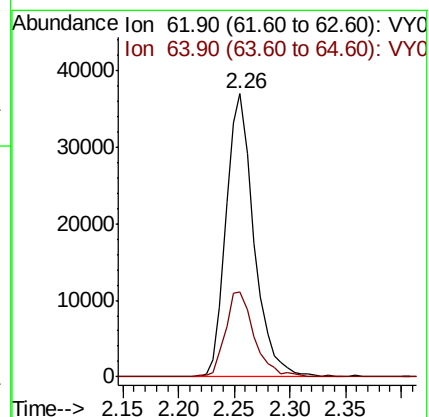
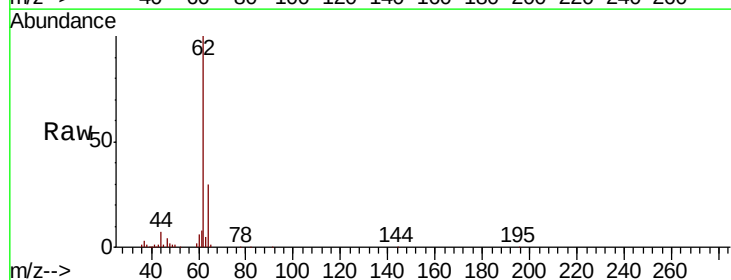
Acq: 08 Nov 2019 11:31

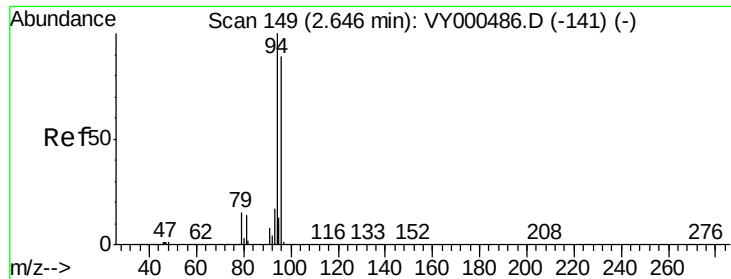
Tgt Ion: 62 Resp: 64011

Ion Ratio Lower Upper

62 100

64 29.9 25.2 37.8





#5

Bromomethane

Concen: 19.102 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

Tot Ion: 94 Resp: 40072

Ion Ratio Lower Upper

94 100

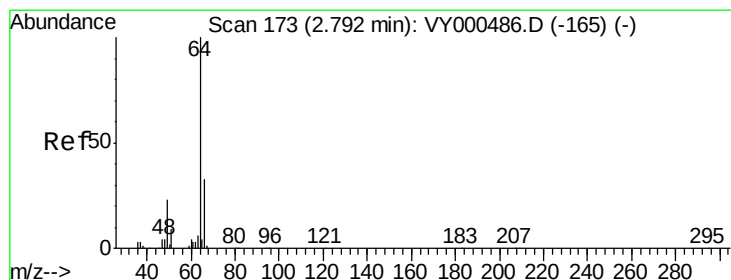
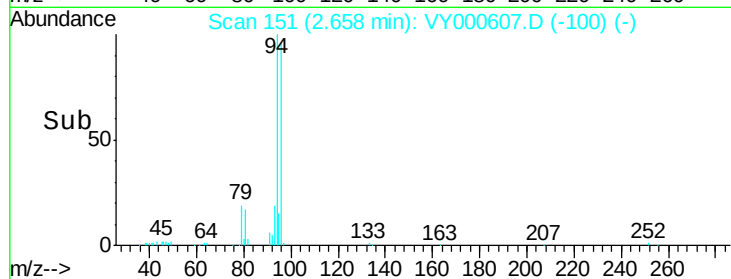
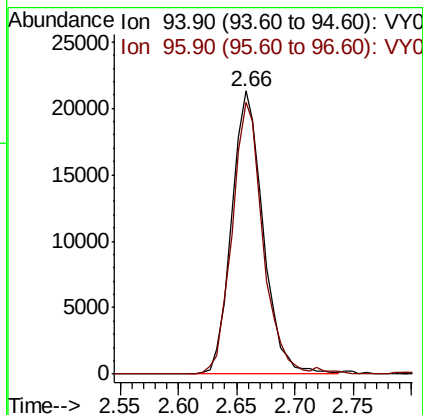
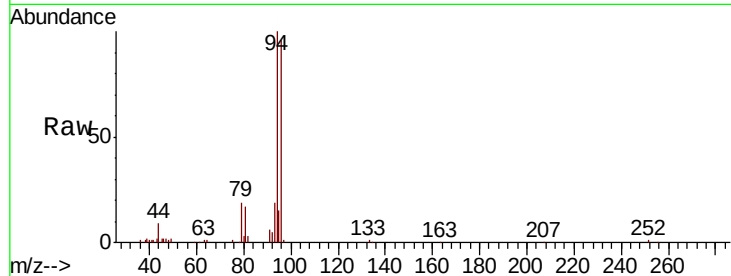
96 96.0 71.2 106.8

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#6

Chloroethane

Concen: 19.768 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000607.D

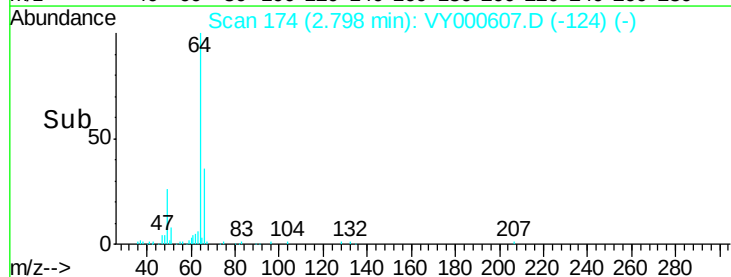
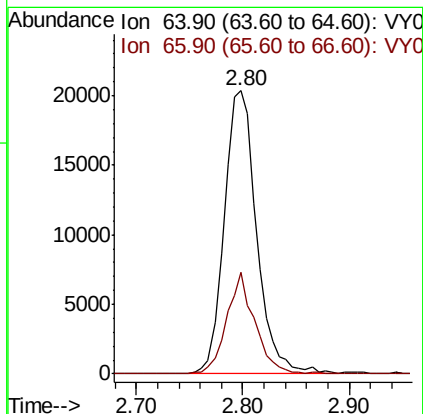
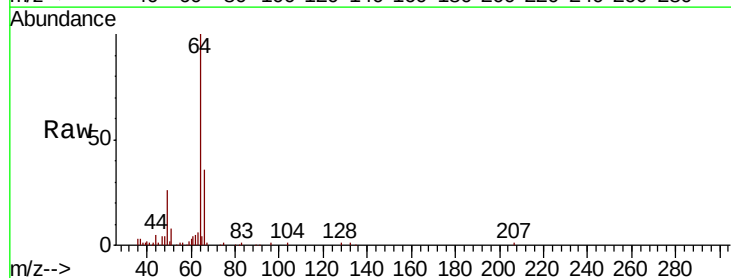
Acq: 08 Nov 2019 11:31

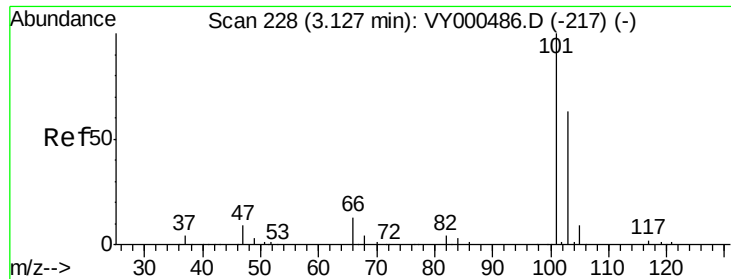
Tgt Ion: 64 Resp: 43281

Ion Ratio Lower Upper

64 100

66 35.7 26.6 40.0





#7

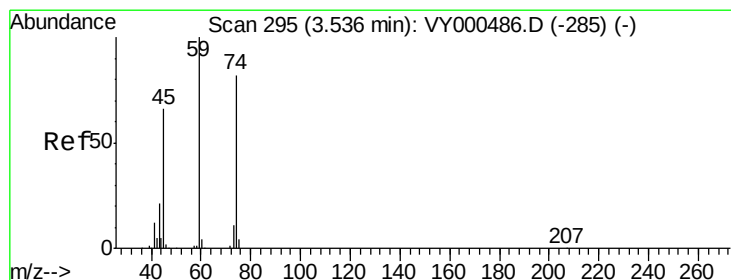
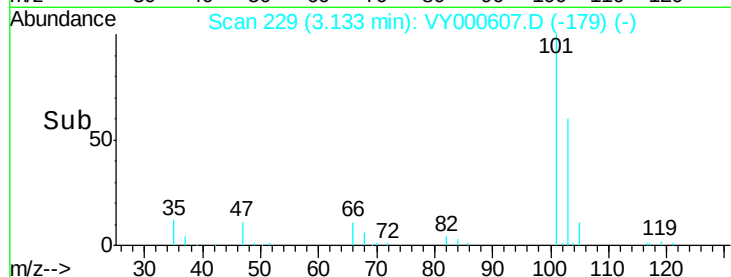
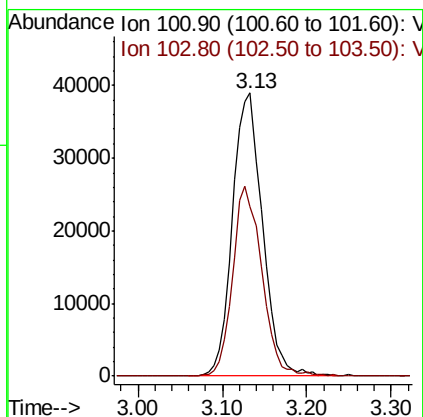
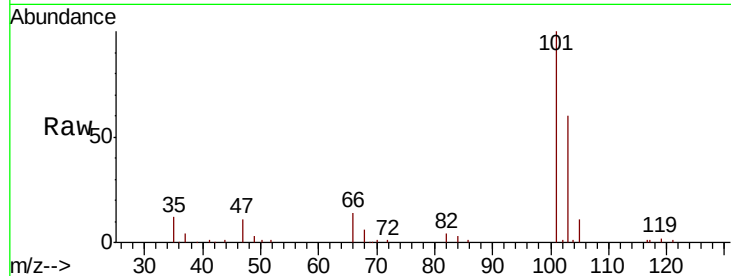
Trichlorofluoromethane
 Concen: 19.860 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Instrument :
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 ClientSampleId :
 VY1108SBS01

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	60.0	50.5	75.7	

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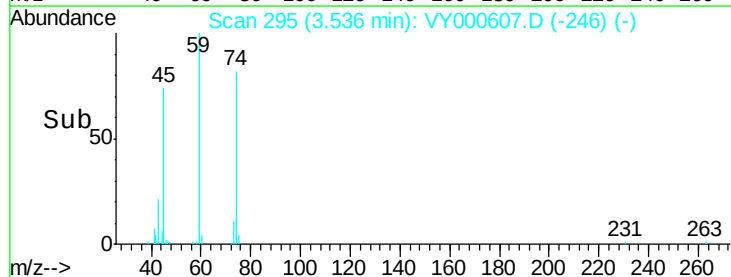
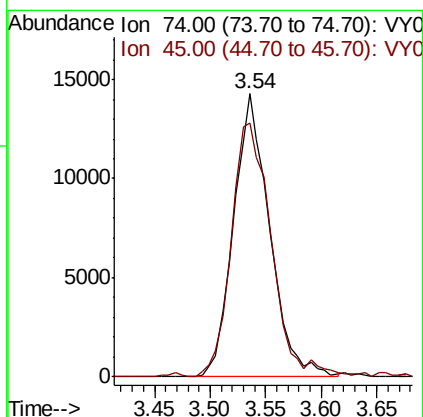
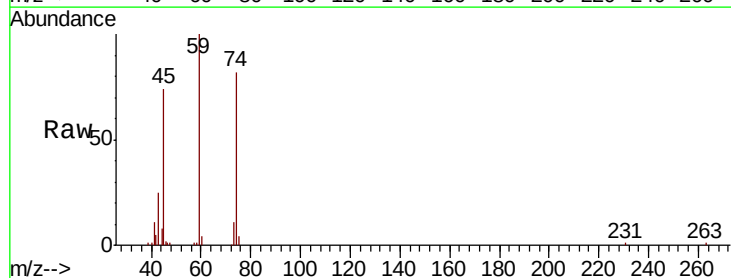
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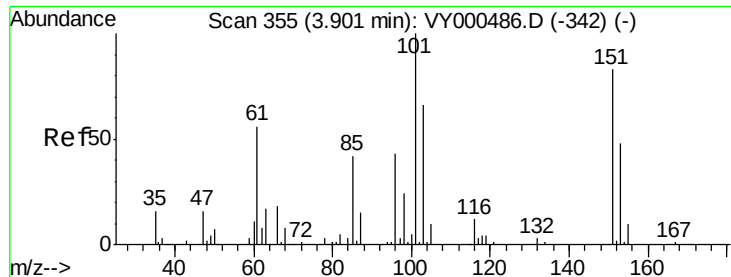


#8

Diethyl Ether
 Concen: 19.086 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	96.6	45.5	136.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.728 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

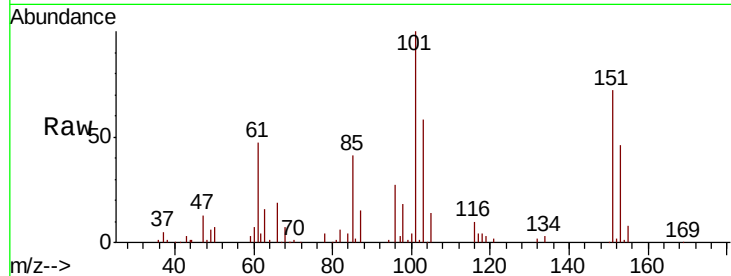
ClientSampleId :

VY1108SBS01

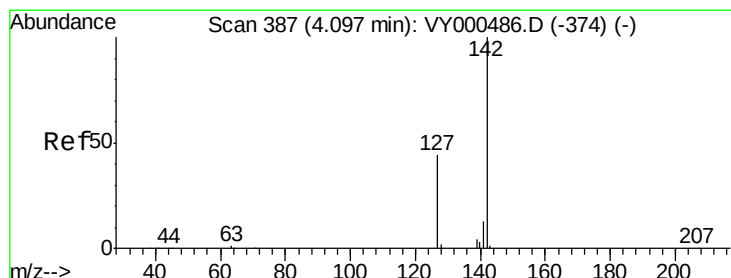
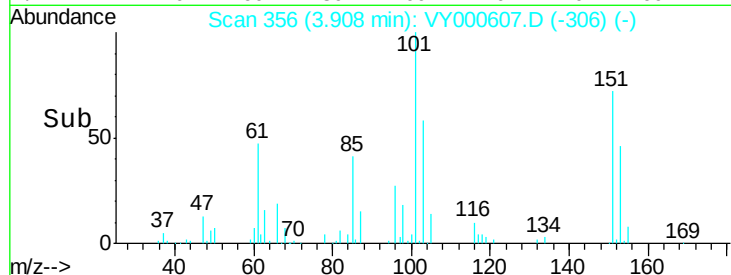
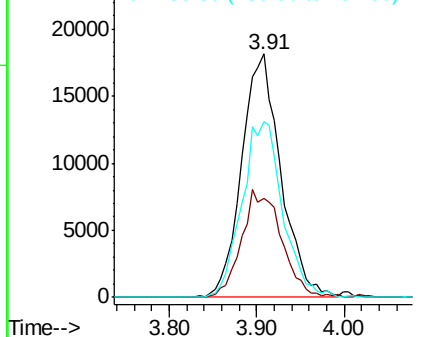
Tot Ion:	101	Resp:	56346
Ion Ratio	Lower	Upper	
101	100		
85	44.9	36.7	55.1
151	75.0	64.3	96.5

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.897 ug/l

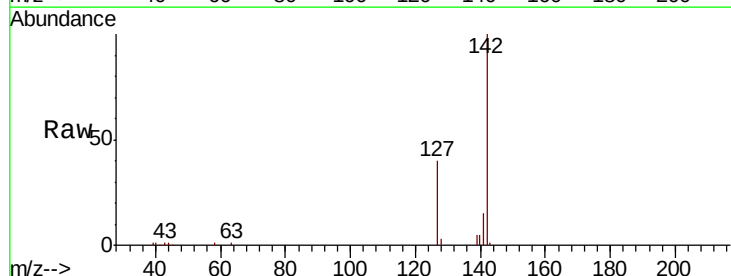
RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

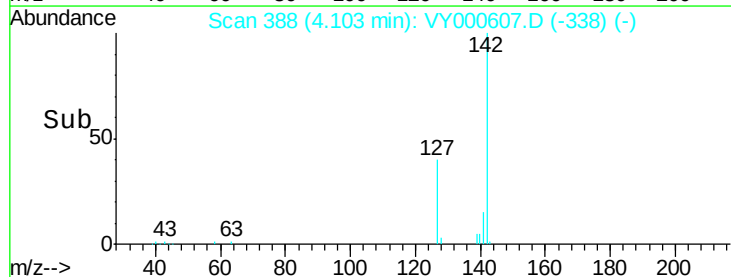
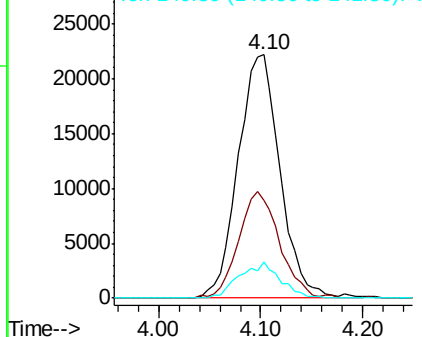
Lab File: VY000607.D

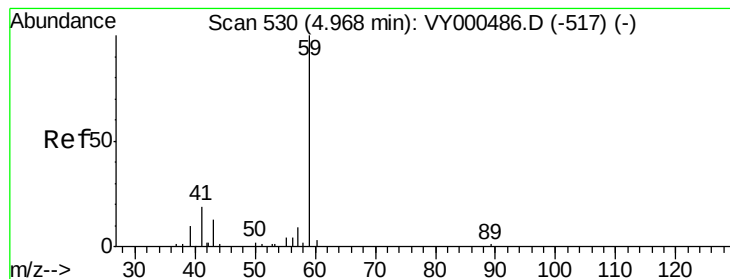
Acq: 08 Nov 2019 11:31

Tgt Ion:	142	Resp:	63050
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.7	50.5
141	14.4	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

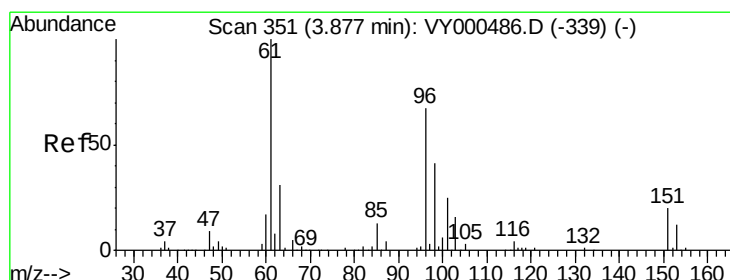
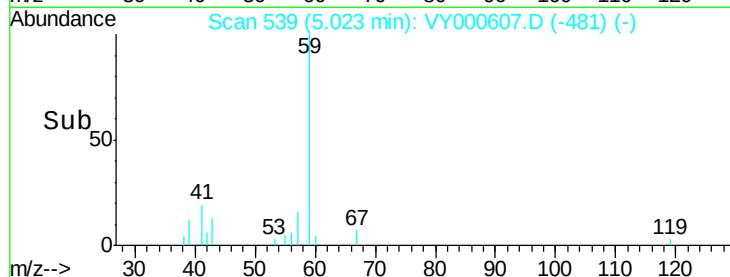
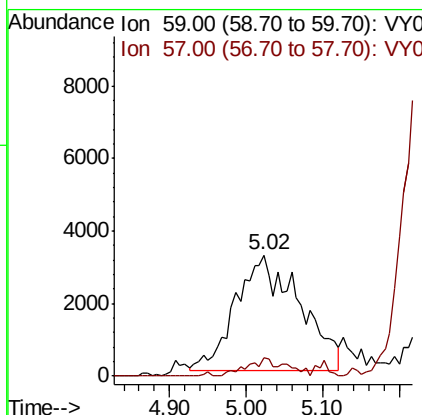
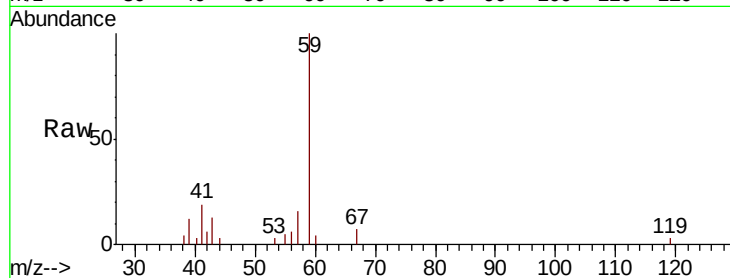
Tert butyl alcohol
Concen: 65.909 ug/l m
RT: 5.02 min Scan# 539
Delta R.T. 0.05 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion: 59 Resp: 18445
Ion Ratio Lower Upper
59 100
57 6.5 8.6 12.8#

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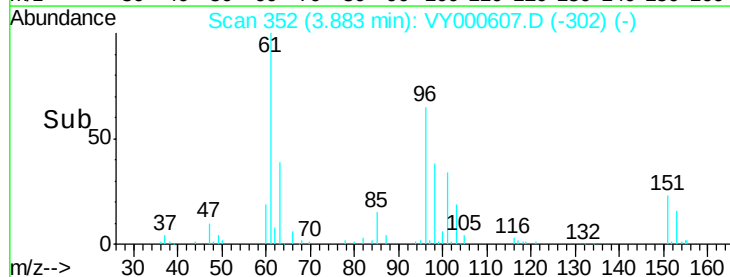
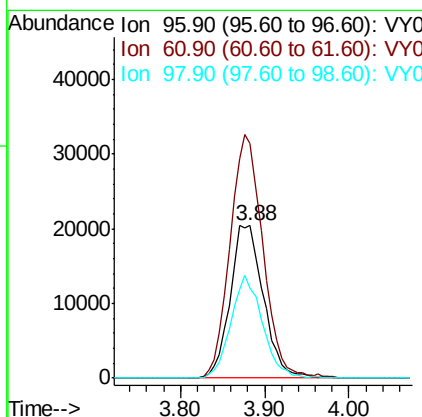
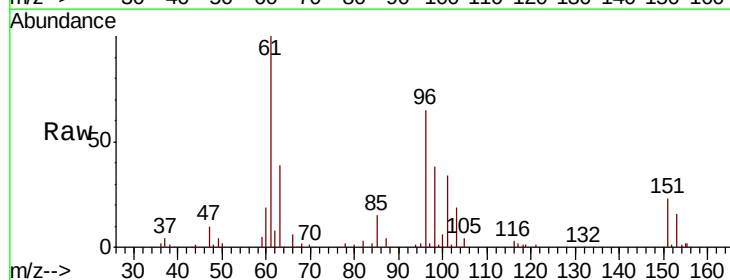
MMDadoda
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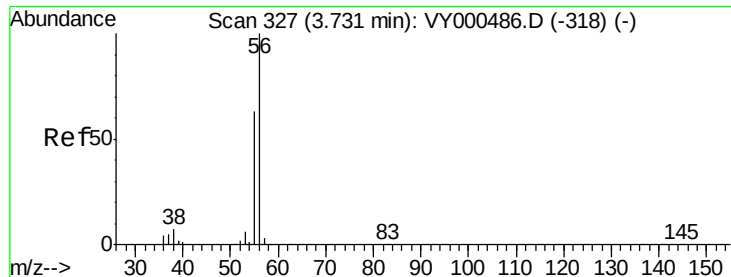


#12

1,1-Dichloroethene
Concen: 19.717 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 96 Resp: 54715
Ion Ratio Lower Upper
96 100
61 154.4 119.2 178.8
98 59.4 48.6 73.0





#13

Acrolein

Concen: 68.712 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

Tot Ion: 56 Resp: 16750

Ion Ratio Lower Upper

56 100

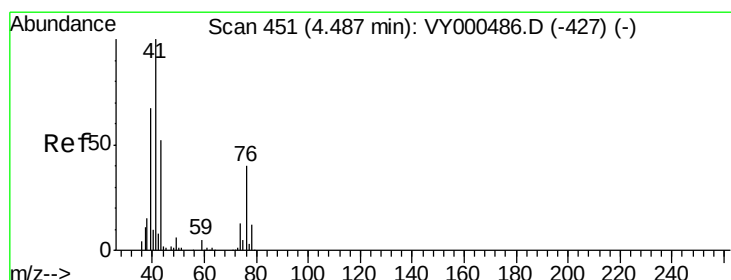
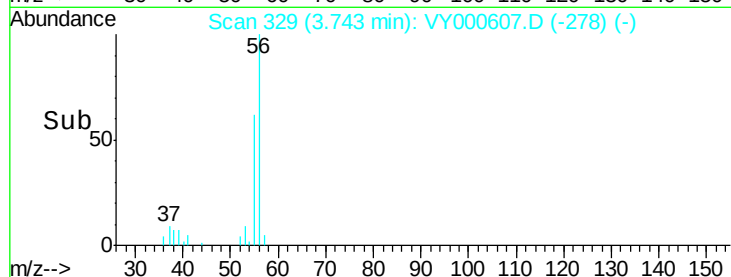
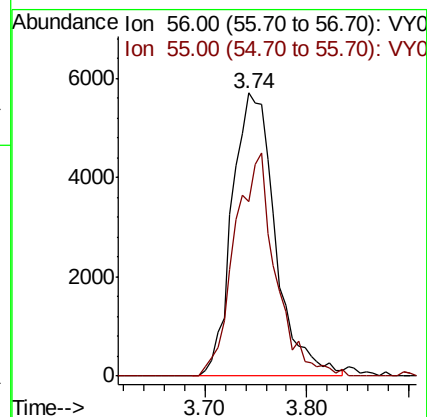
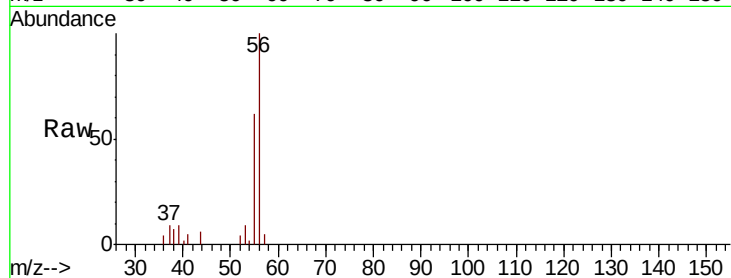
55 74.7 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 19.894 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

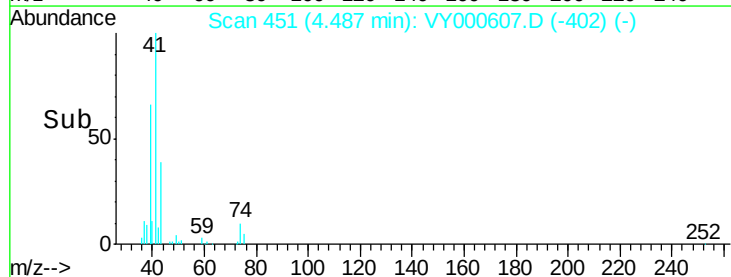
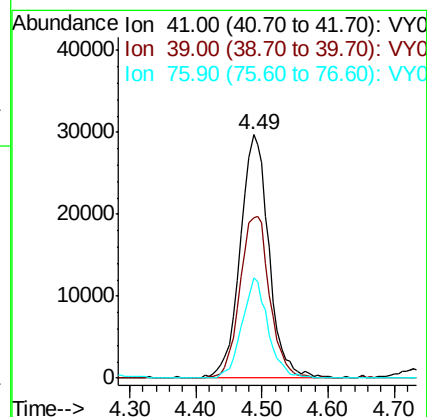
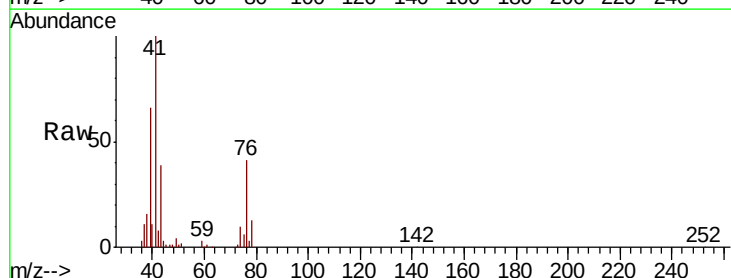
Tgt Ion: 41 Resp: 89767

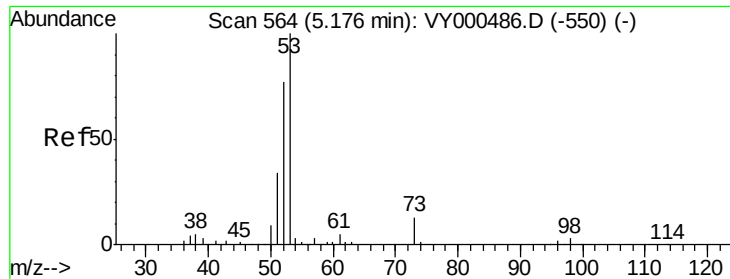
Ion Ratio Lower Upper

41 100

39 68.8 53.6 80.4

76 37.2 29.8 44.6





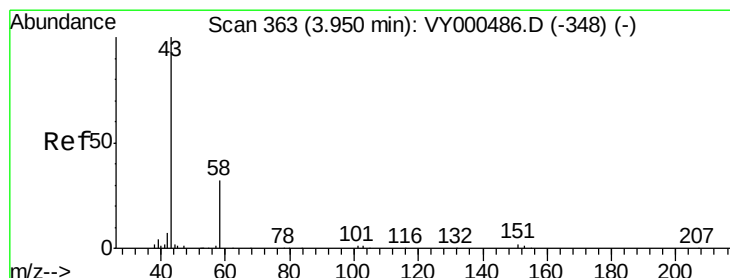
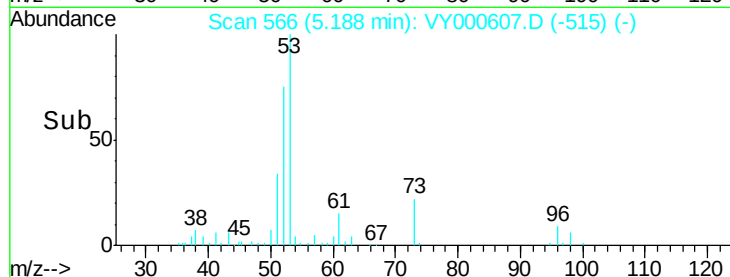
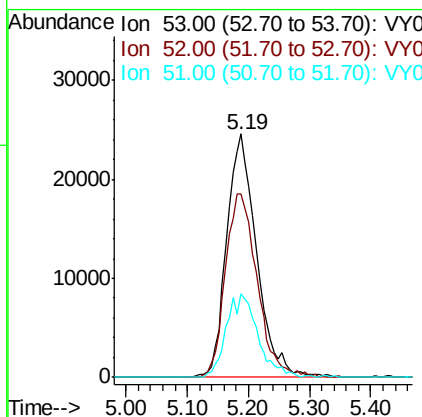
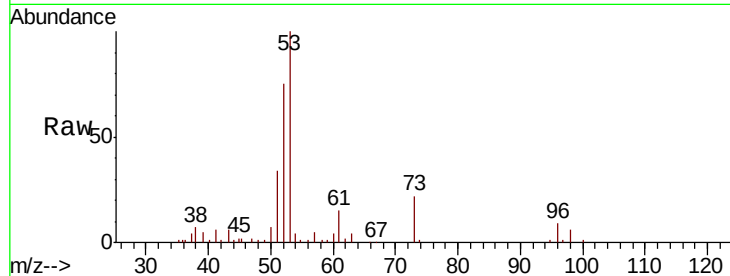
#15
 Acrylonitrile
 Concen: 96.188 ug/l
 RT: 5.19 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Tot Ion:	53	Resp:	82716
Ion	Ratio	Lower	Upper
53	100		
52	80.5	64.9	97.3
51	36.0	27.6	41.4

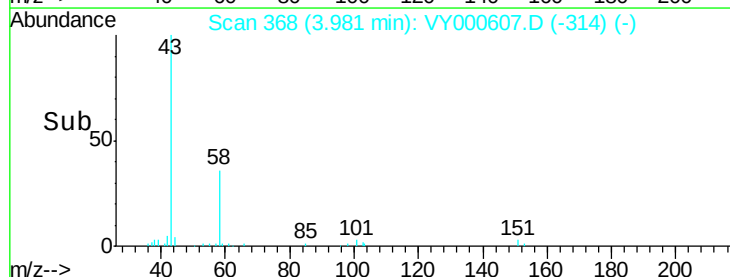
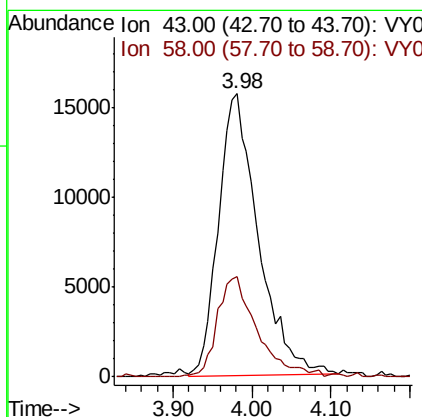
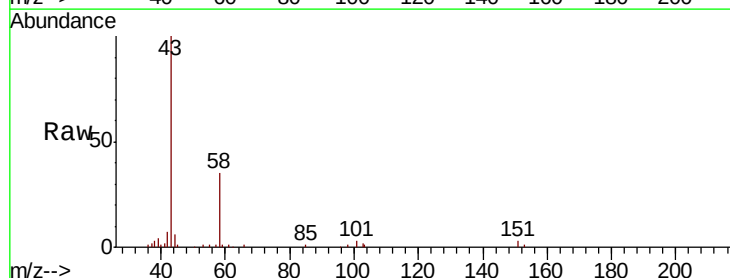
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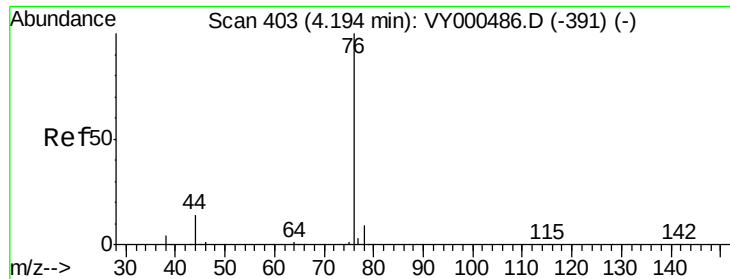
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#16
 Acetone
 Concen: 69.337 ug/l
 RT: 3.98 min Scan# 368
 Delta R.T. 0.03 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion:	43	Resp:	54940
Ion	Ratio	Lower	Upper
43	100		
58	35.1	25.8	38.6





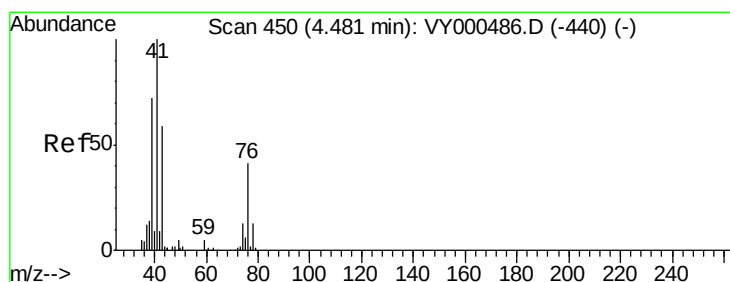
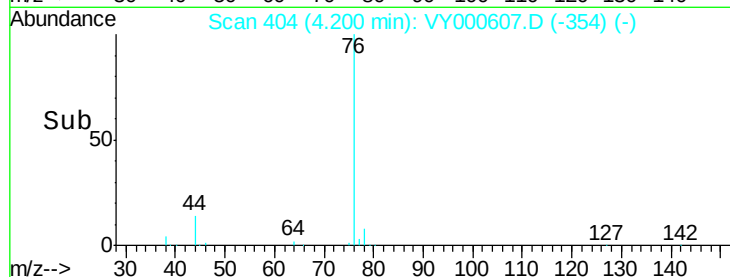
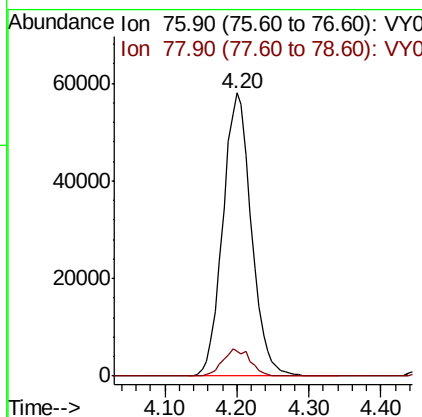
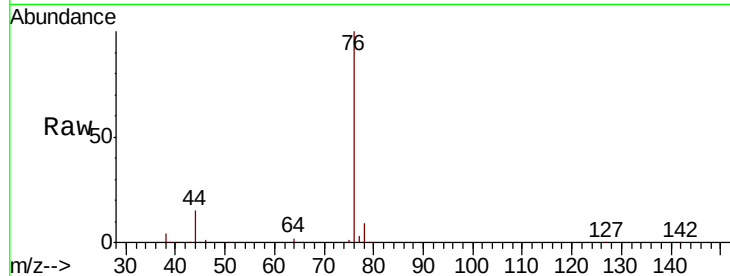
#17
Carbon Disulfide
Concen: 18.235 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion: 76 Resp: 159599
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

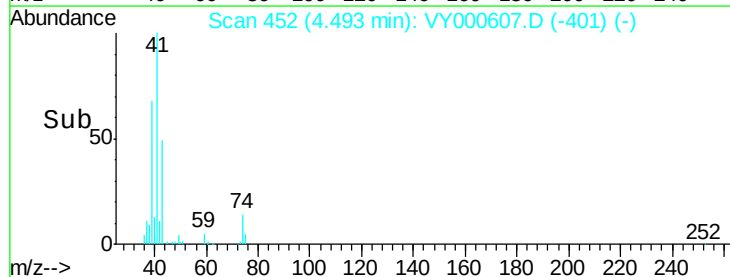
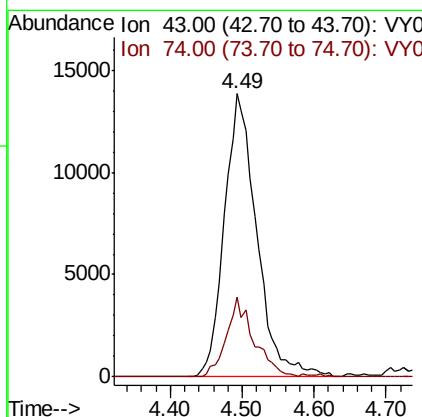
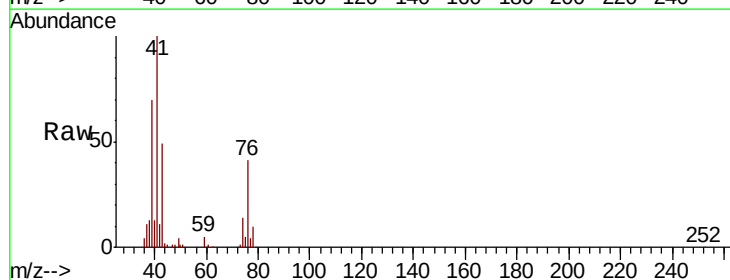
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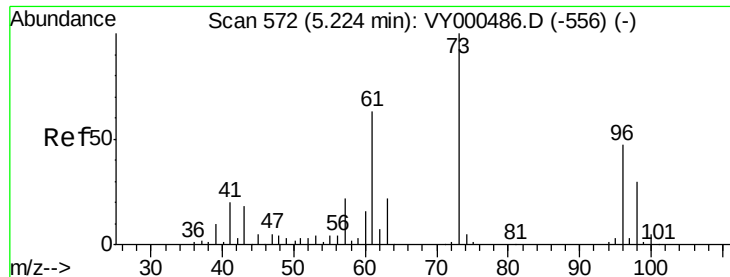
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#18
Methyl Acetate
Concen: 17.537 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 43 Resp: 43206
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8





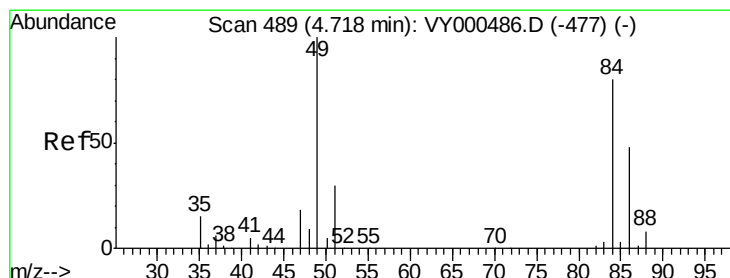
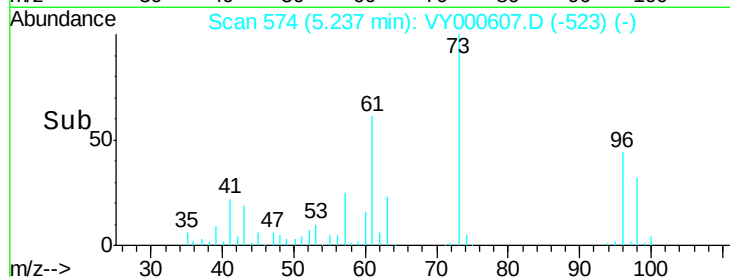
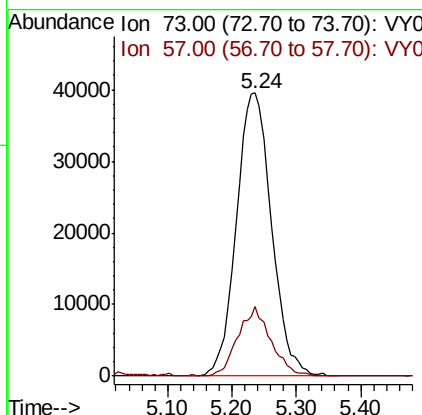
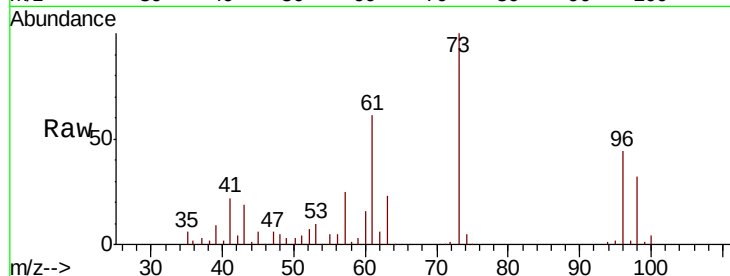
#19
Methyl tert-butyl Ether
Concen: 19.270 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion: 73 Resp: 148679
Ion Ratio Lower Upper
73 100
57 24.6 17.4 26.0

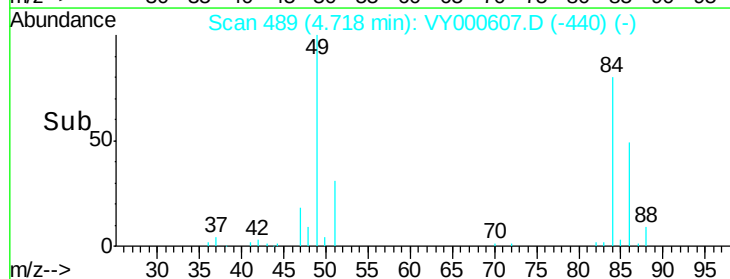
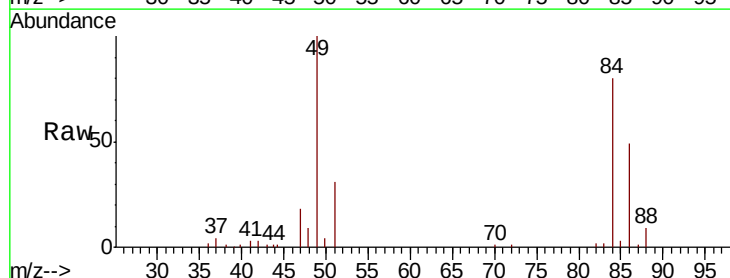
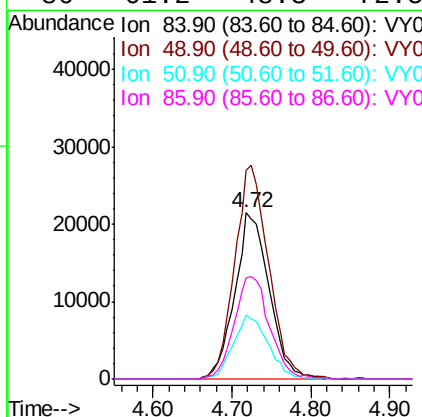
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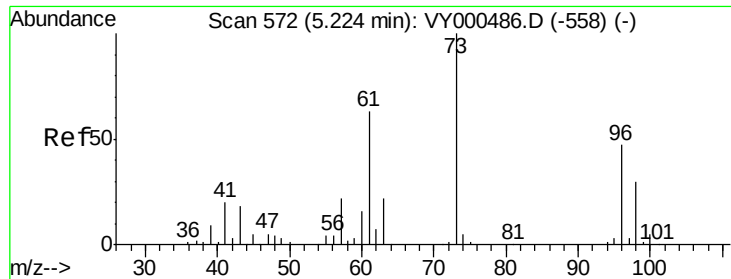
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#20
Methylene Chloride
Concen: 19.081 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 84 Resp: 64783
Ion Ratio Lower Upper
84 100
49 125.6 100.2 150.4
51 38.3 29.6 44.4
86 61.2 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 19.011 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

Tot Ion: 96 Resp: 59640

Ion Ratio Lower Upper

96 100

61 125.5 106.6 160.0

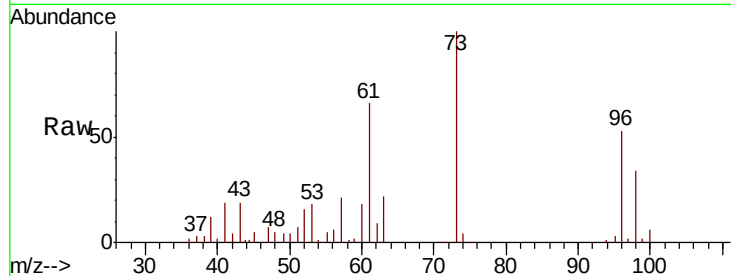
98 64.2 50.6 76.0

Manual Integrations

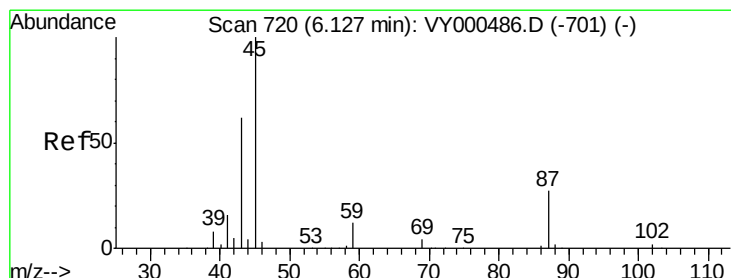
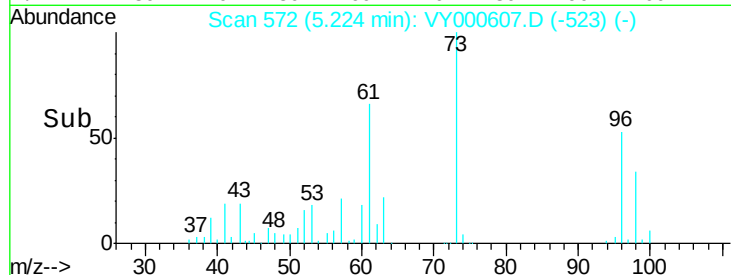
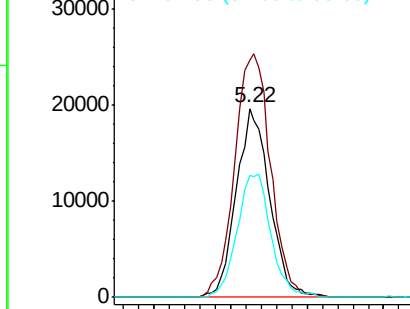
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Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.103 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Tgt Ion: 45 Resp: 197162

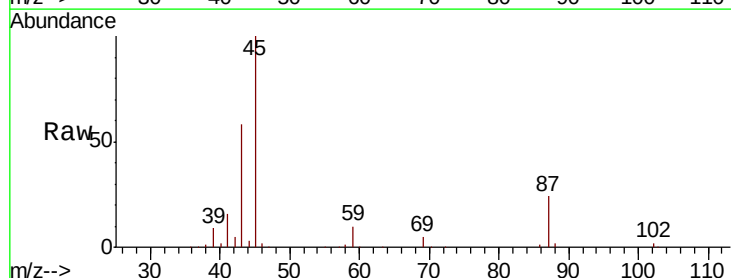
Ion Ratio Lower Upper

45 100

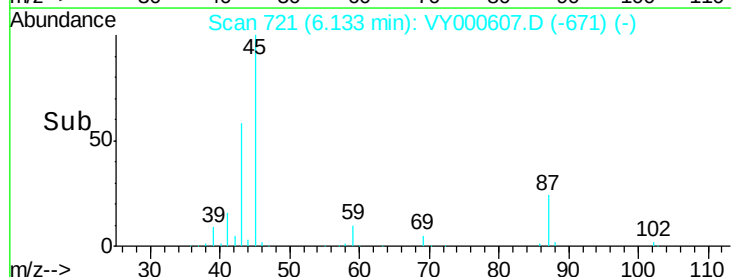
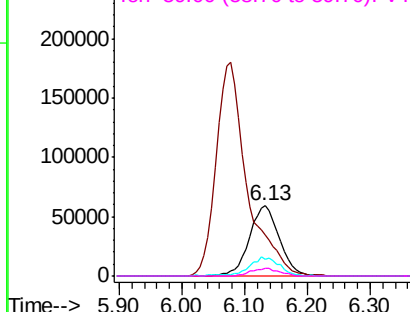
43 57.1 50.0 75.0

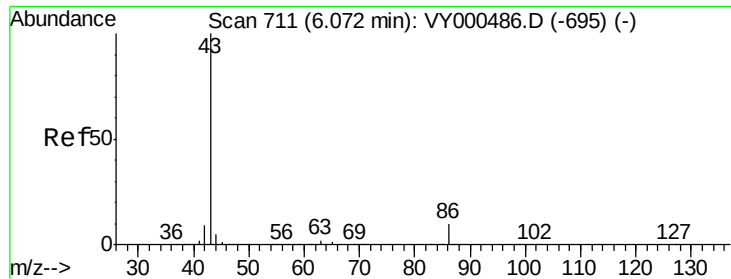
87 24.3 21.6 32.4

59 10.1 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 99.179 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

Tot Ion: 43 Resp: 614022

Ion Ratio Lower Upper

43 100

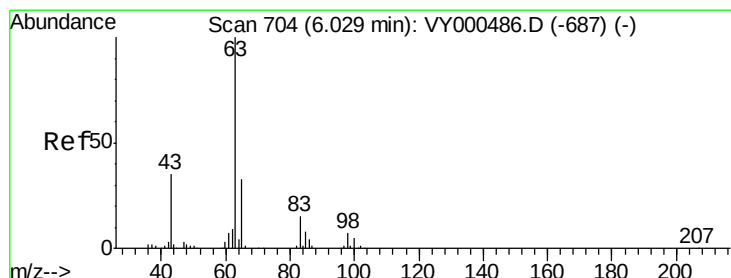
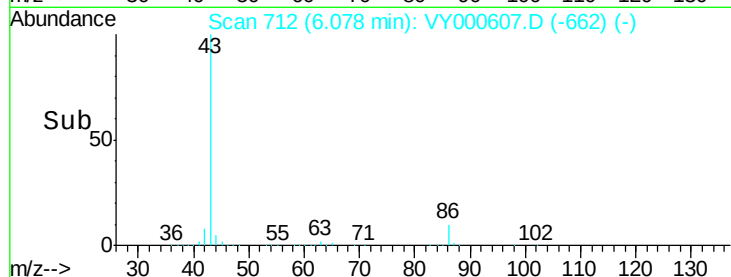
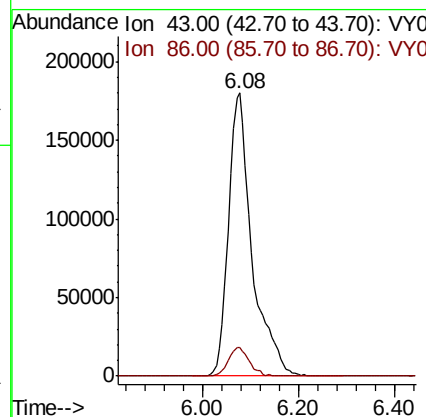
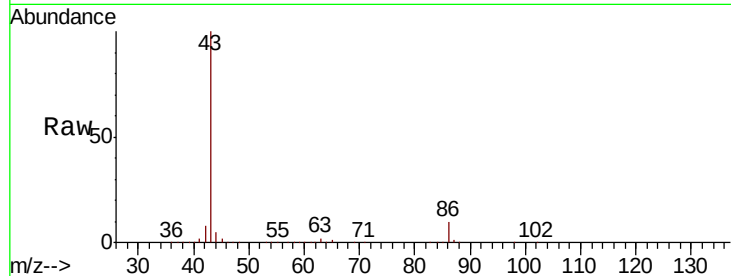
86 10.3 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 19.830 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

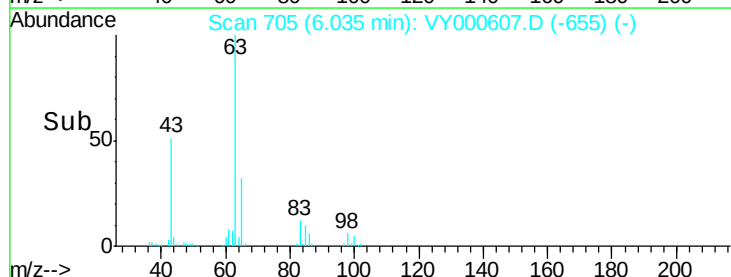
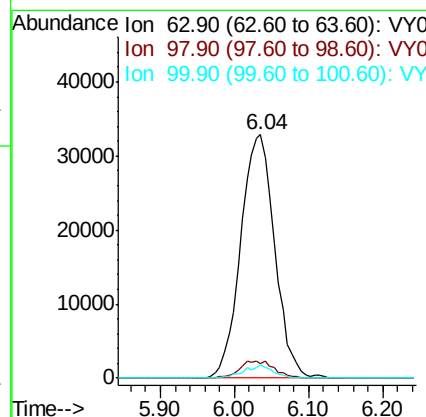
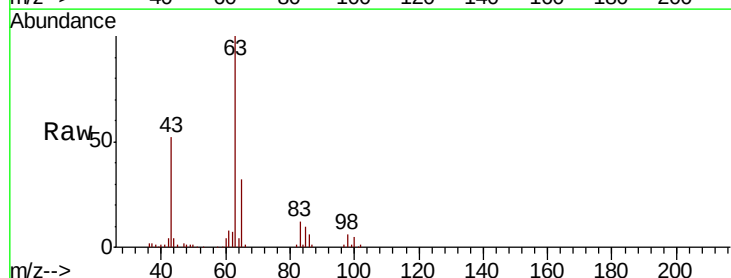
Tgt Ion: 63 Resp: 105360

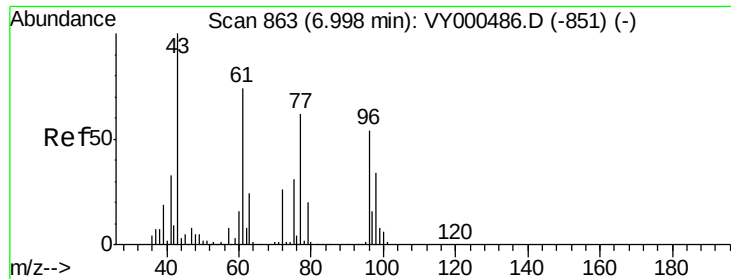
Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.6

100 5.3 2.4 7.1





#25

2-Butanone

Concen: 84.204 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

Tot Ion: 43 Resp: 106481

Ion Ratio Lower Upper

43 100

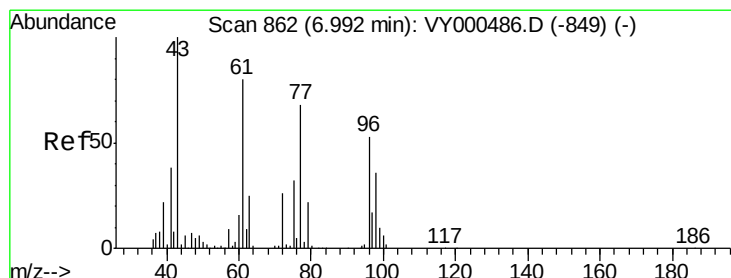
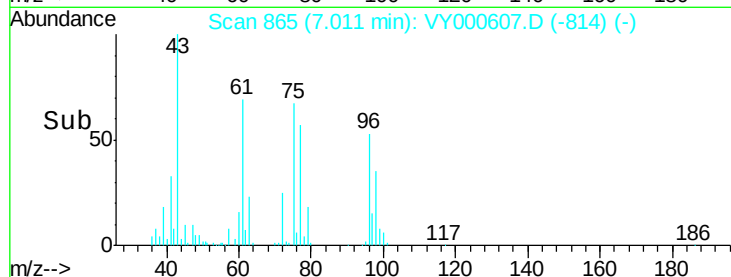
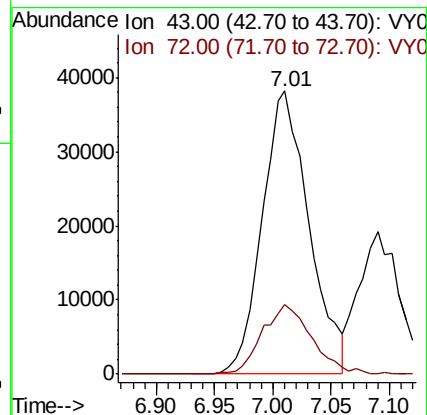
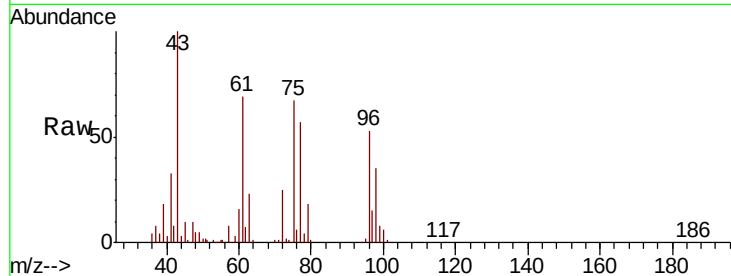
72 24.6 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.601 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000607.D

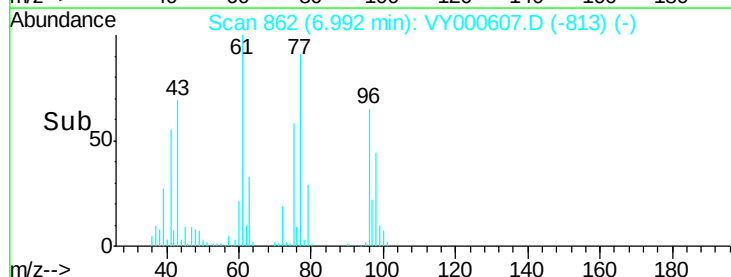
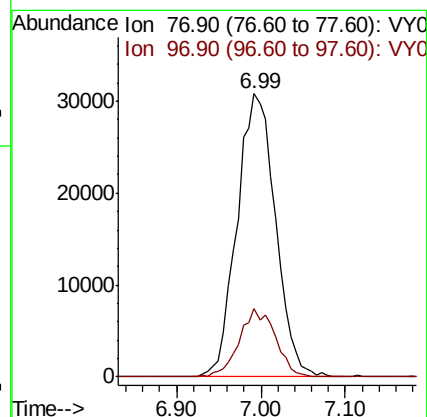
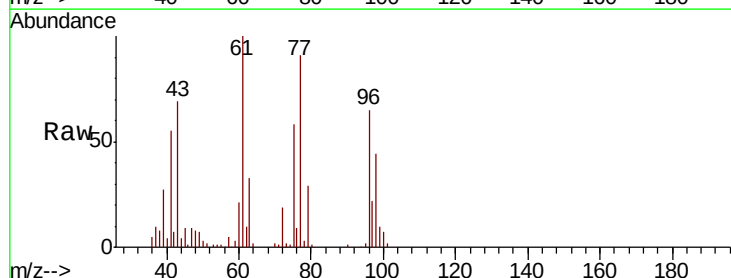
Acq: 08 Nov 2019 11:31

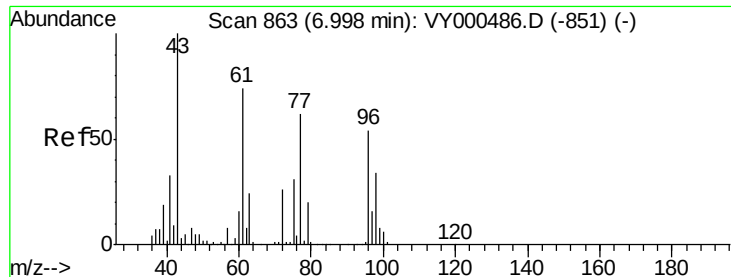
Tgt Ion: 77 Resp: 95174

Ion Ratio Lower Upper

77 100

97 22.7 11.8 35.4





#27

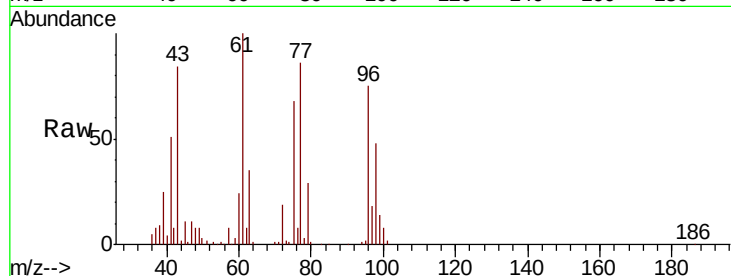
cis-1,2-Dichloroethene
Concen: 19.802 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

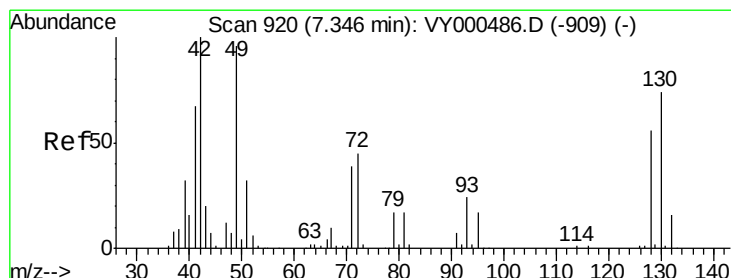
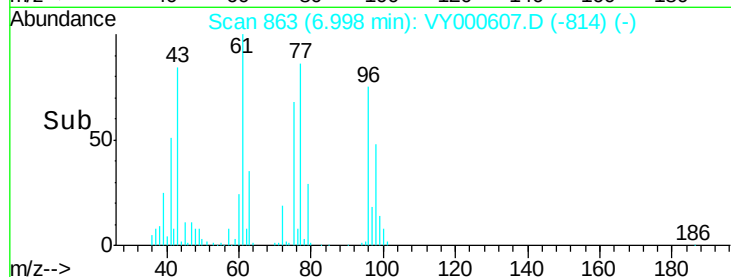
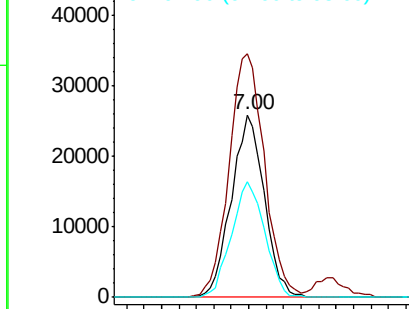
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	287.0
98	63.8	0.0	129.4

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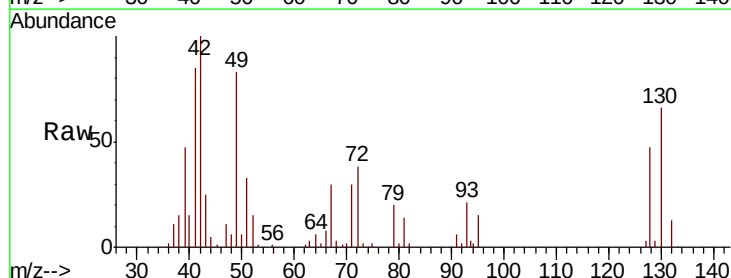
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



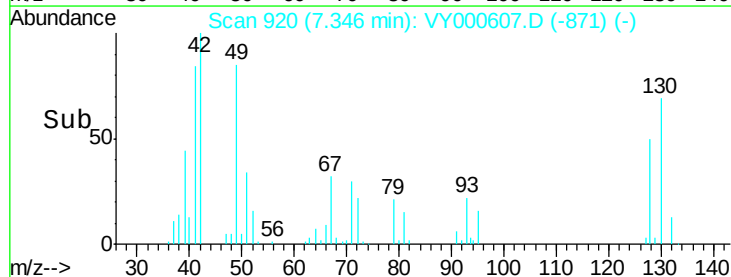
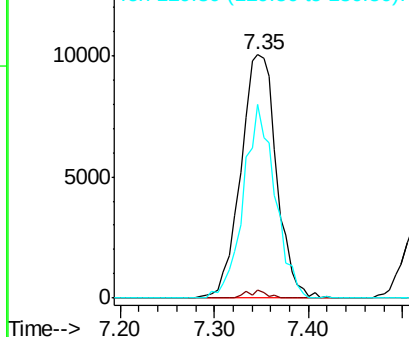
#28

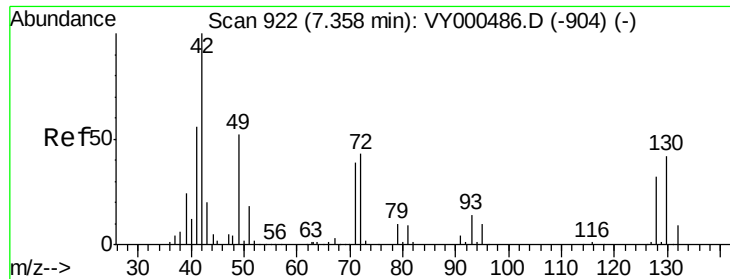
Bromochloromethane
Concen: 14.188 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	70.4	59.4	89.0



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





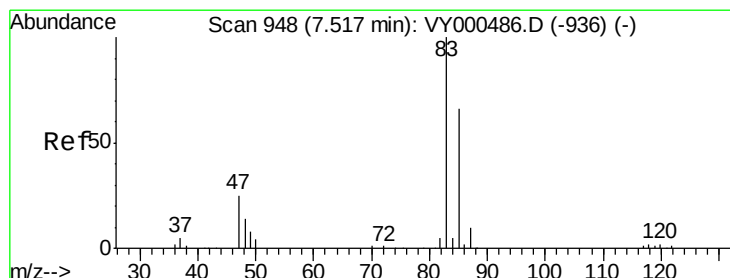
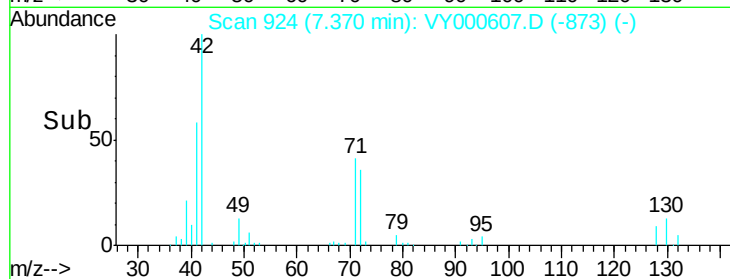
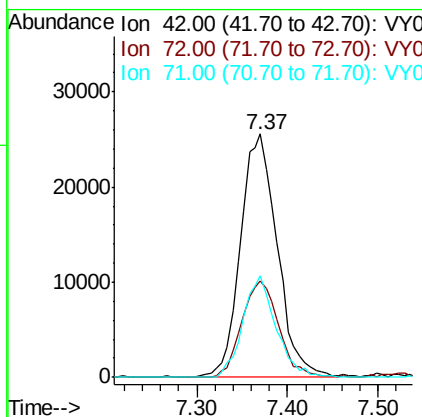
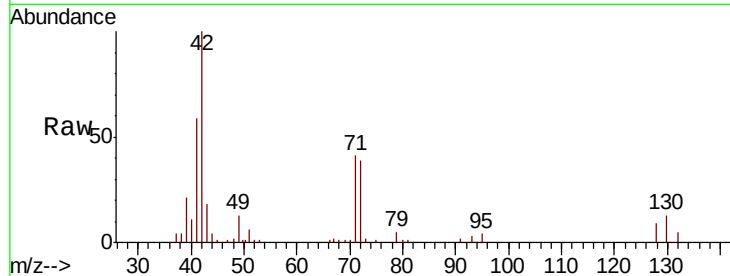
#29
Tetrahydrofuran
Concen: 92.942 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.7	34.0	51.0
71	37.7	30.8	46.2

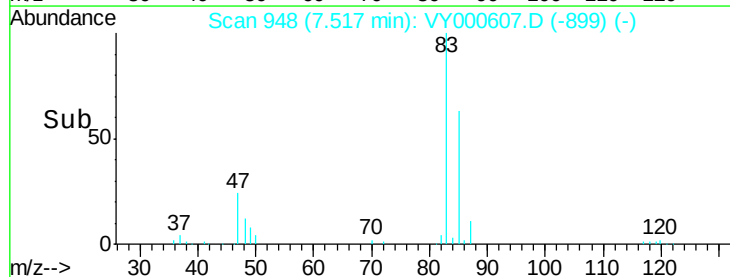
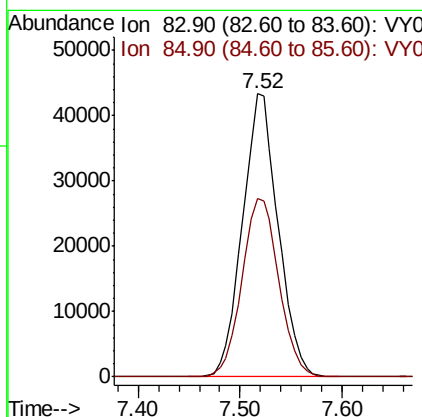
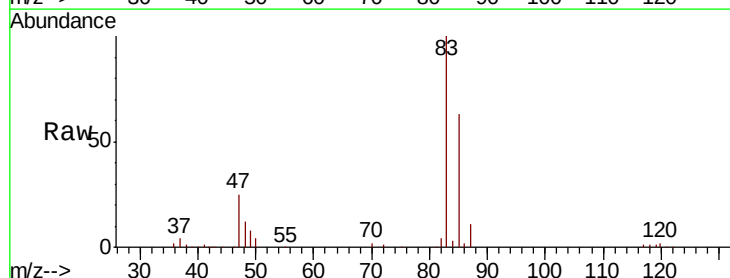
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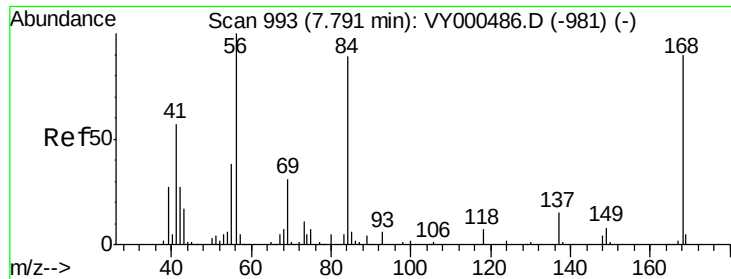
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#30
Chloroform
Concen: 19.560 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	53.0	79.4





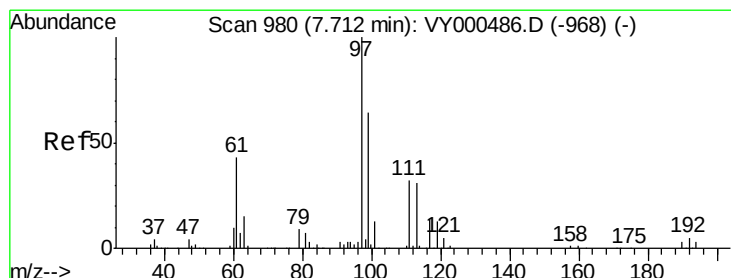
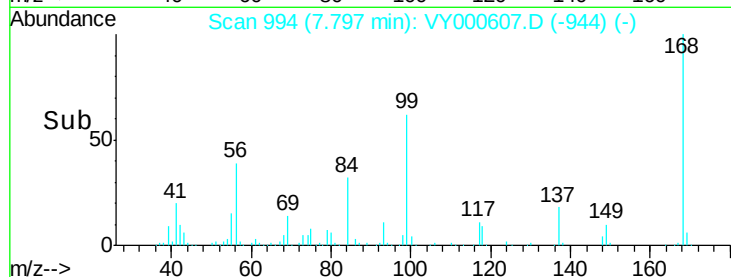
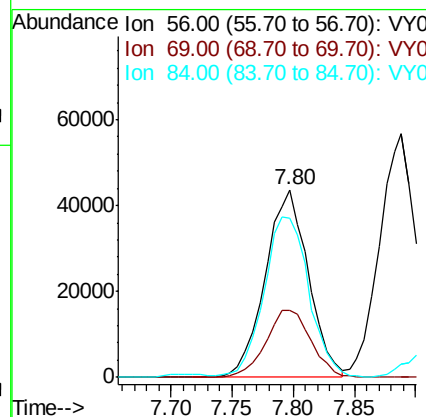
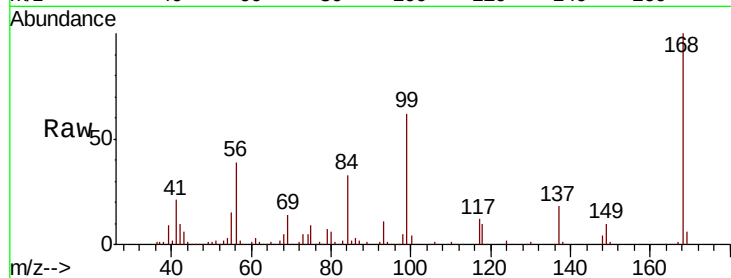
#31
Cyclohexane
Concen: 19.194 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.6	25.0	37.6
84	83.5	71.4	107.2

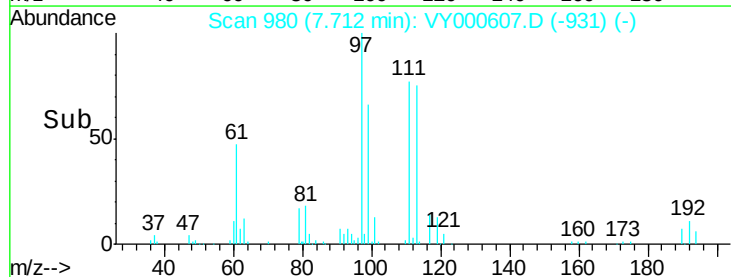
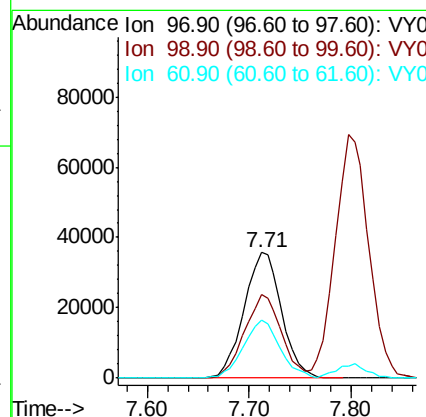
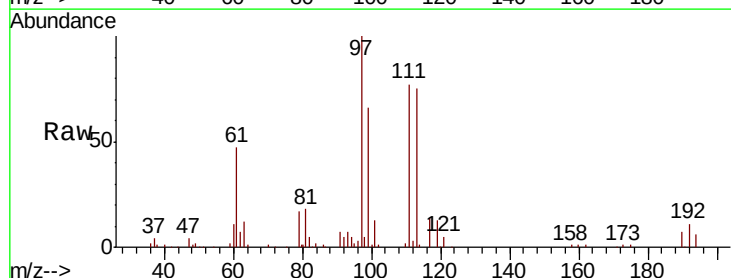
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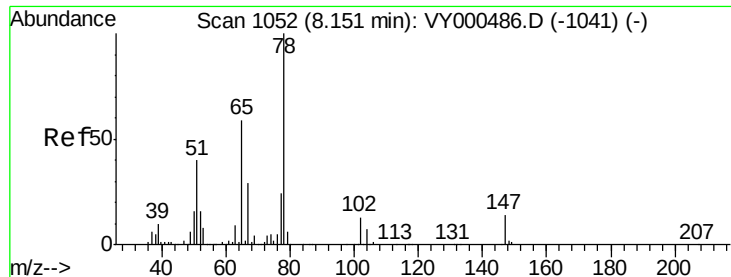
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#32
1,1,1-Trichloroethane
Concen: 19.100 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.9	76.3
61	44.8	34.9	52.3





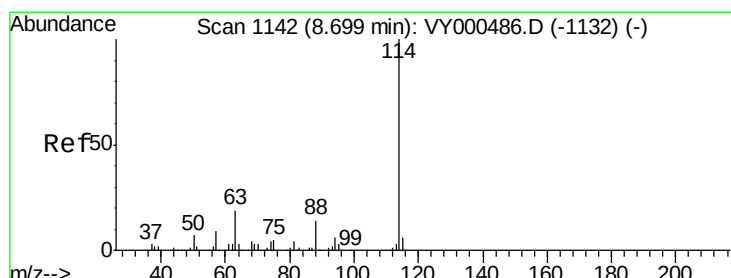
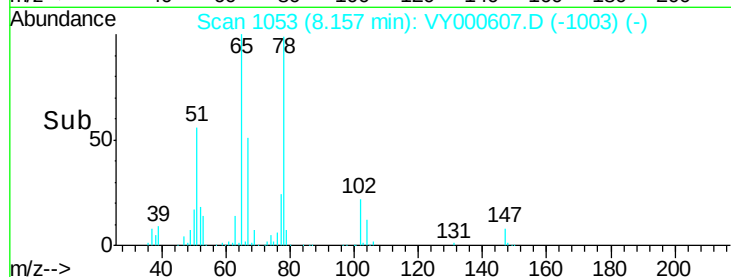
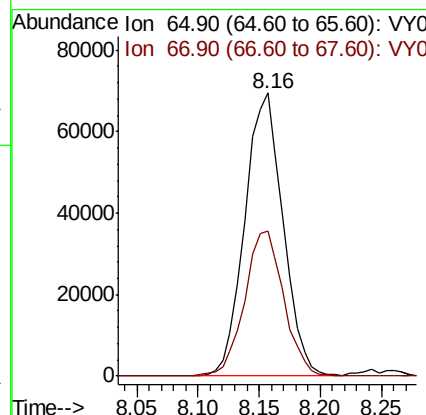
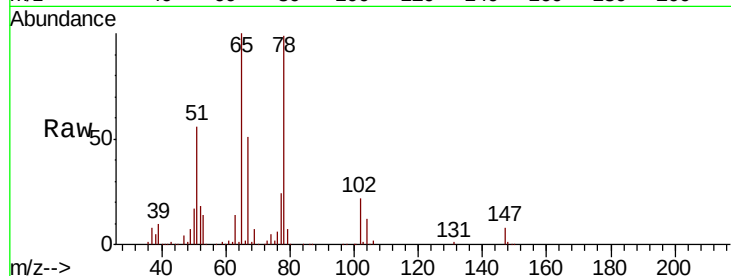
#33
 1,2-Dichloroethane-d4
 Concen: 52.544 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.4	0.0	107.2	

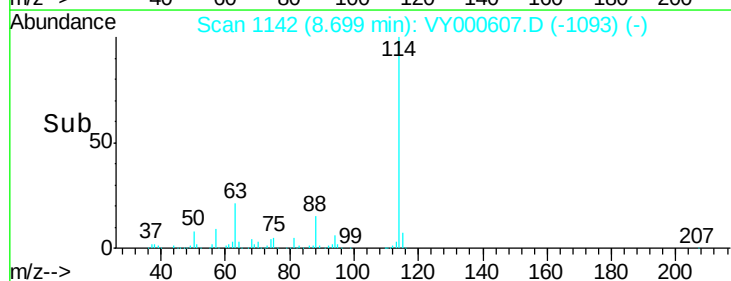
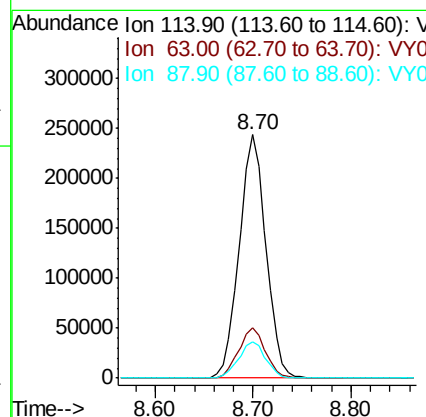
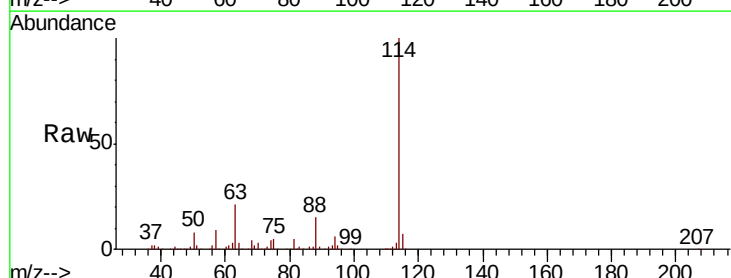
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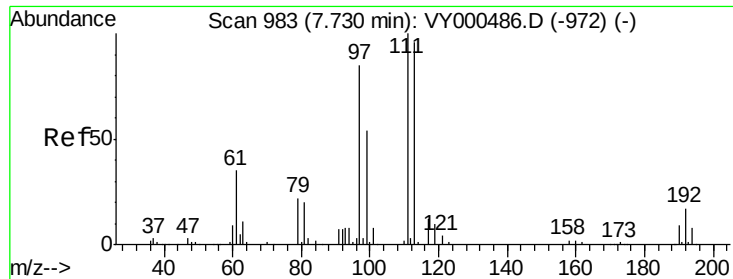
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.8	0.0	38.0	
88	15.1	0.0	28.6	





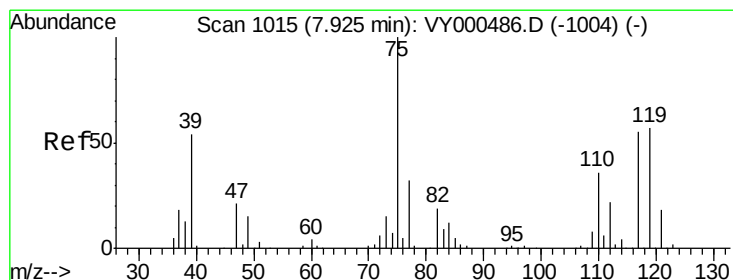
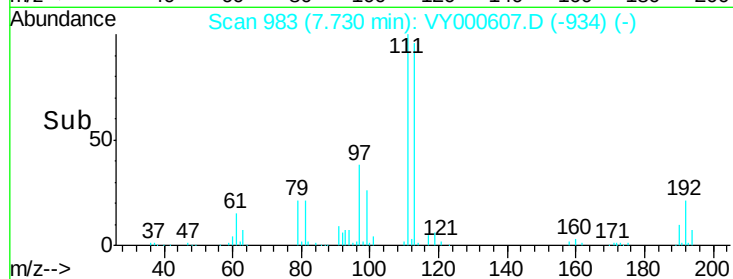
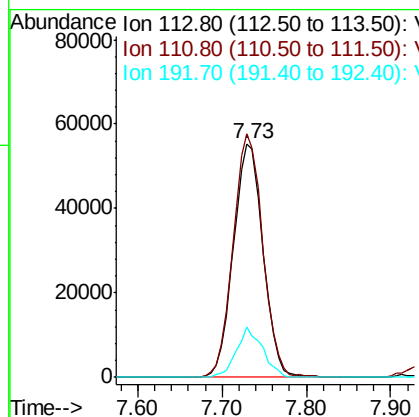
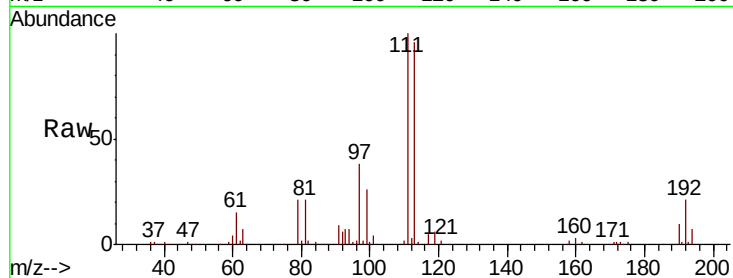
#35
 Dibromofluoromethane
 Concen: 48.555 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.3	81.7	122.5	
192	19.0	15.0	22.4	

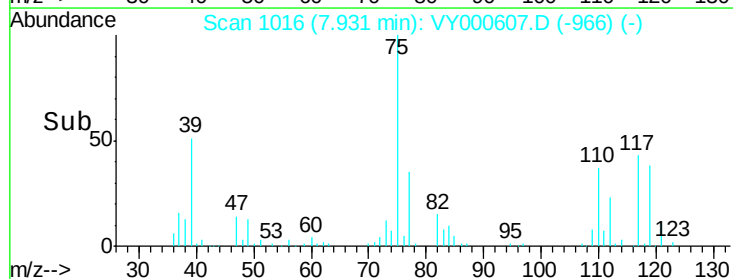
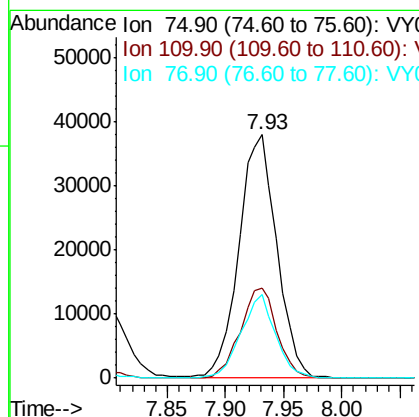
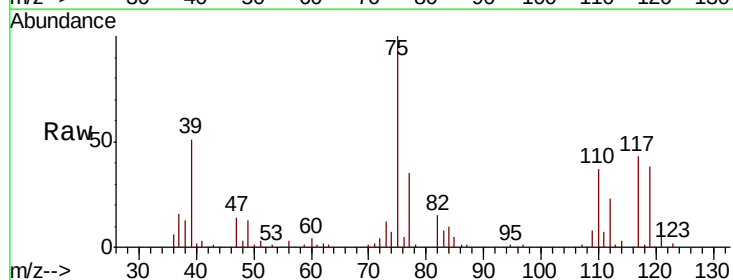
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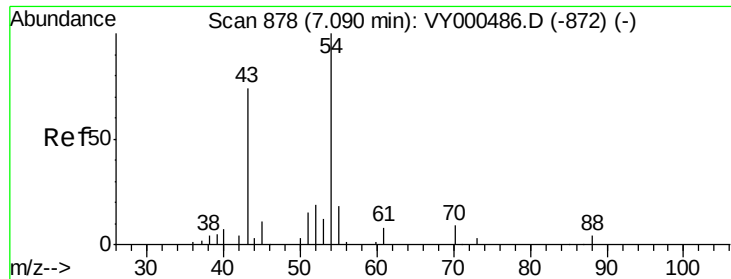
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#36
 1,1-Dichloropropene
 Concen: 19.812 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.8	18.1	54.1	
77	31.3	25.0	37.6	





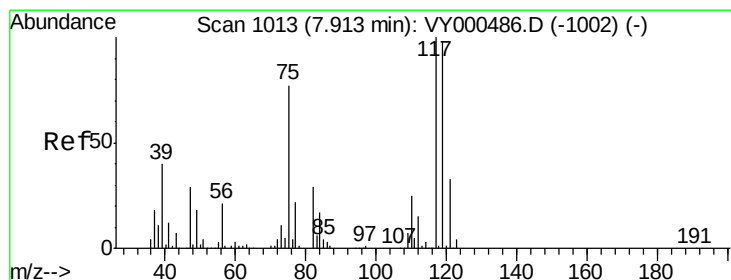
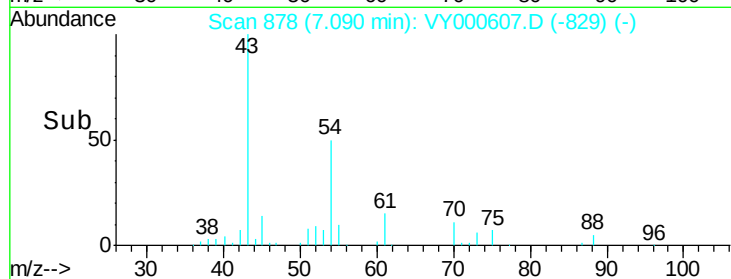
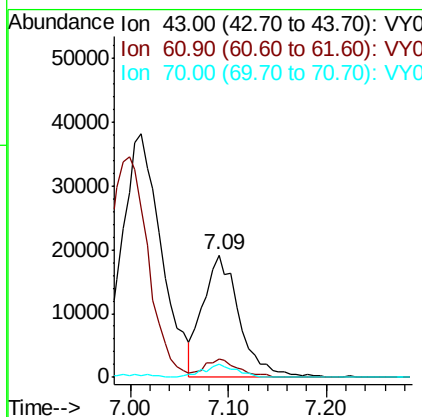
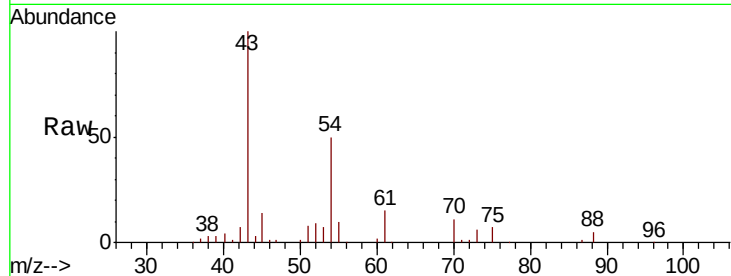
#37
Ethyl Acetate
Concen: 18.901 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion: 43 Resp: 48872
Ion Ratio Lower Upper
43 100
61 14.2 10.2 15.2
70 10.3 7.8 11.8

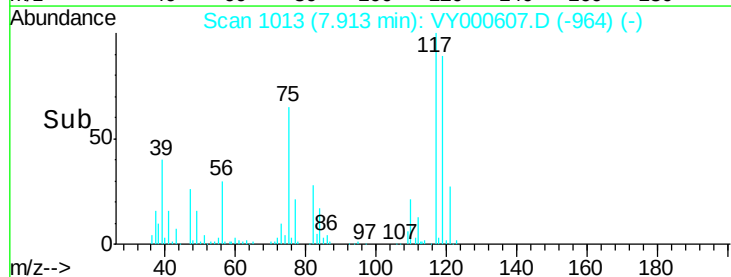
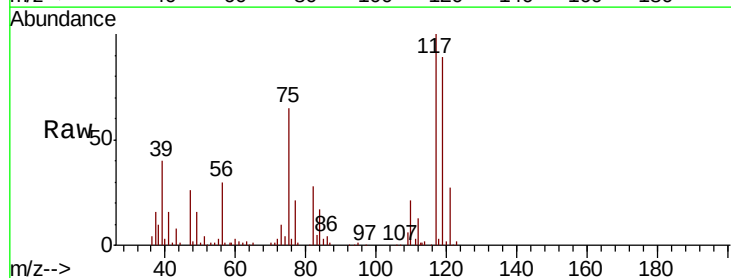
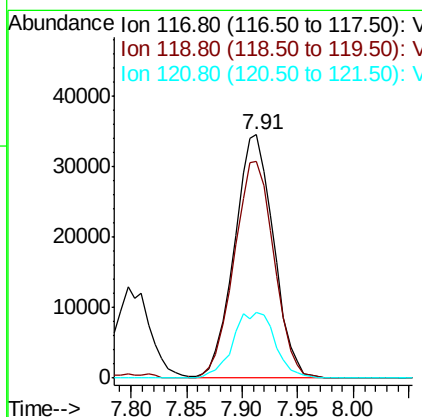
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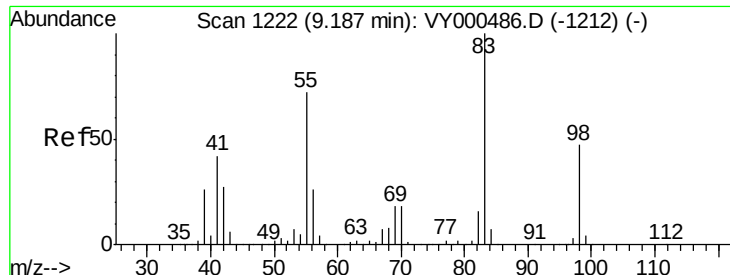
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#38
Carbon Tetrachloride
Concen: 20.134 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 117 Resp: 84375
Ion Ratio Lower Upper
117 100
119 89.1 78.0 117.0
121 27.2 26.6 40.0





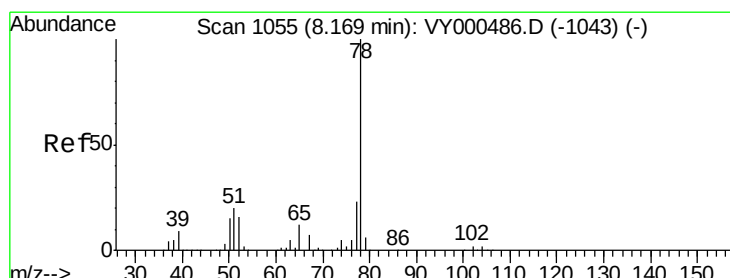
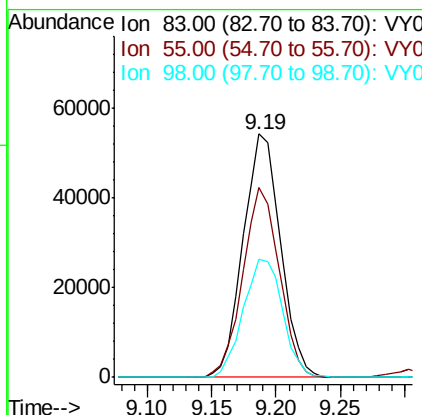
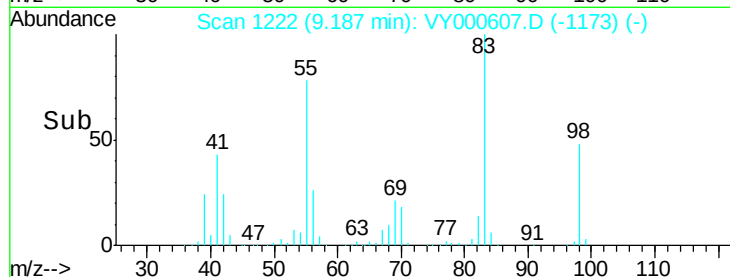
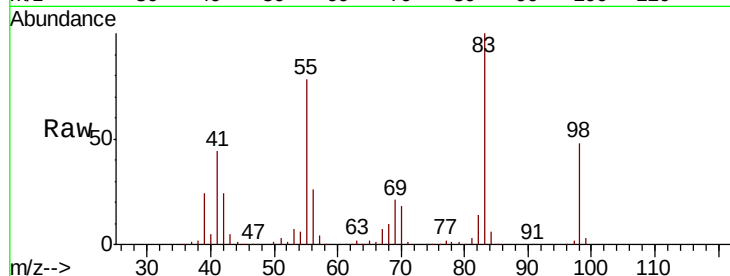
#39
Methylvlcyclohexane
Concen: 19.365 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion	83	Resp	108961
Ion Ratio	100	Lower	Upper
83	100		
55	78.2	57.5	86.3
98	48.3	38.0	57.0

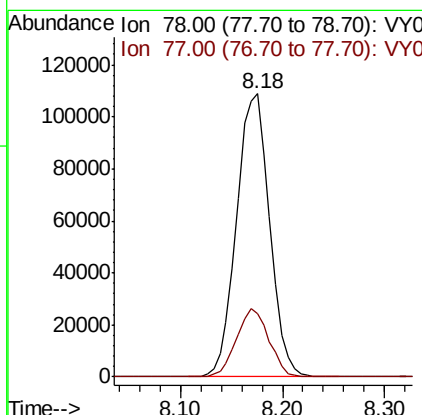
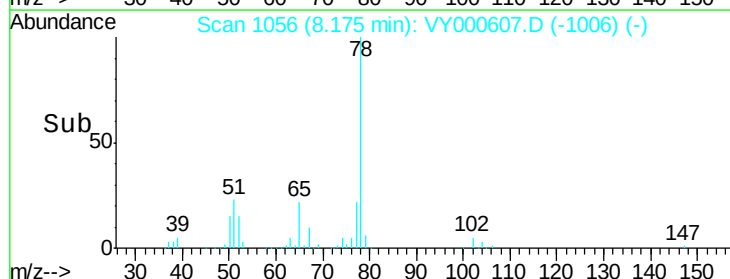
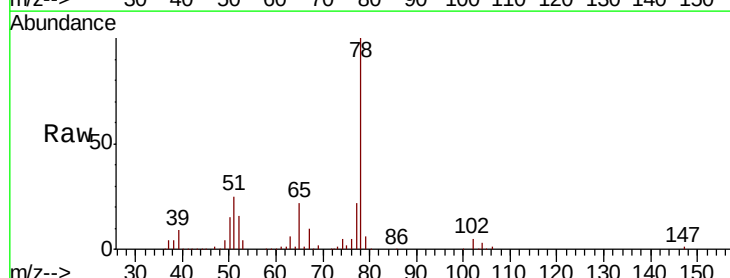
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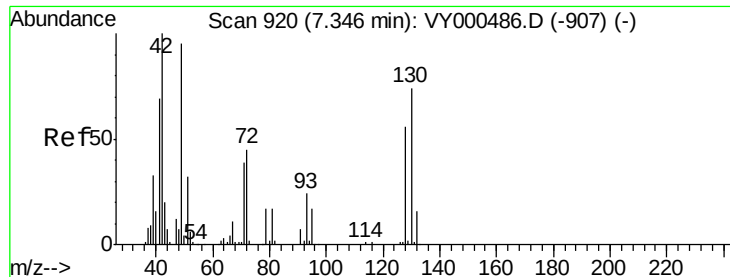
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#40
Benzene
Concen: 19.180 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion	78	Resp	244897
Ion Ratio	100	Lower	Upper
78	100		
77	22.1	18.6	28.0





#41

Methacrylonitrile

Concen: 20.399 ug/l

RT: 7.33 min Scan# 918

Delta R.T. -0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

Tot Ion: 41 Resp: 29425

Ion Ratio Lower Upper

41 100

39 53.4 68.2 102.4#

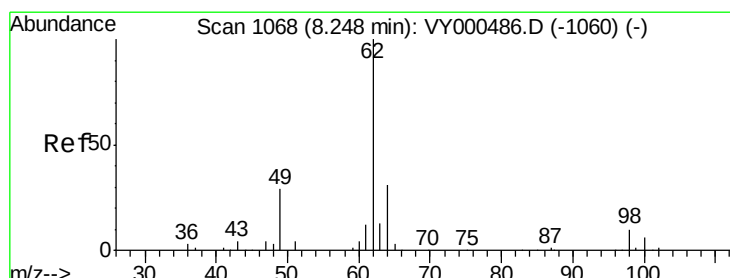
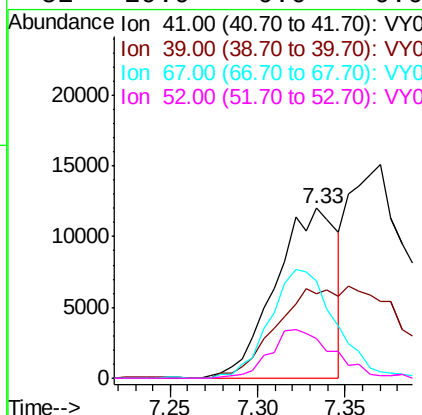
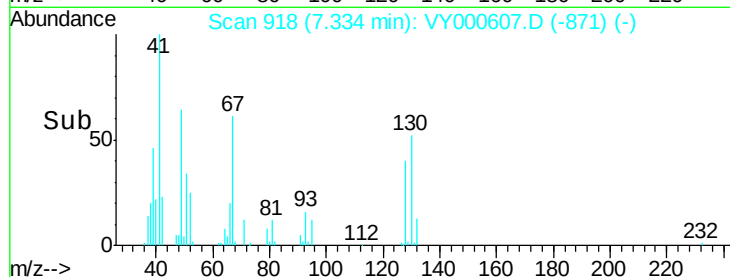
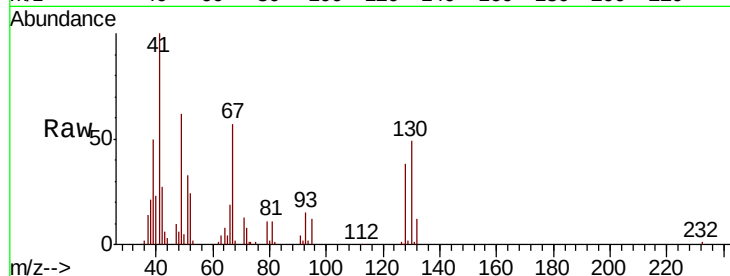
67 68.2 0.0 0.0#

52 29.9 0.0 0.0#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.072 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000607.D

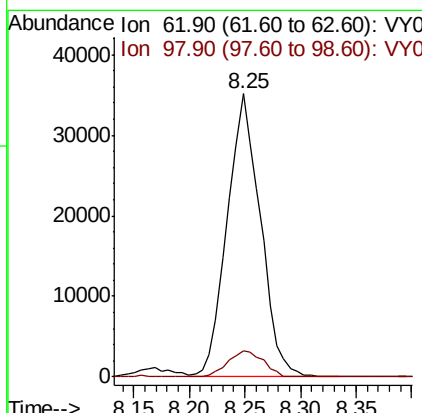
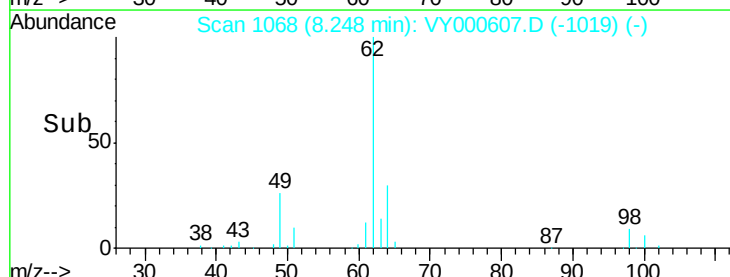
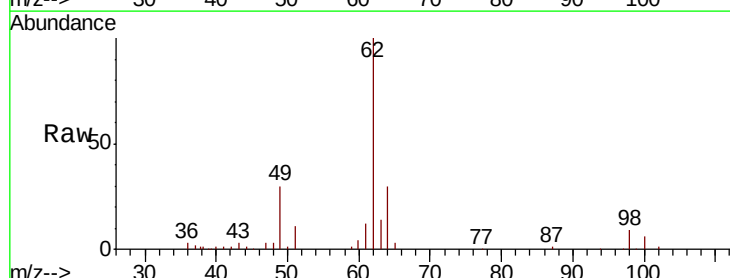
Acq: 08 Nov 2019 11:31

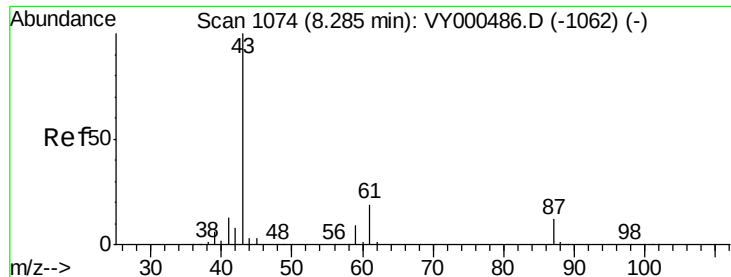
Tgt Ion: 62 Resp: 72690

Ion Ratio Lower Upper

62 100

98 9.9 0.0 19.2





#43

Isopropyl Acetate

Concen: 19.885 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

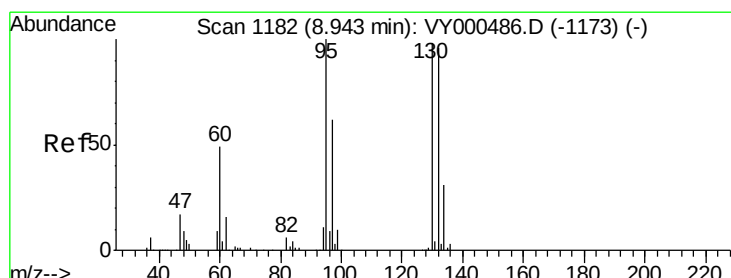
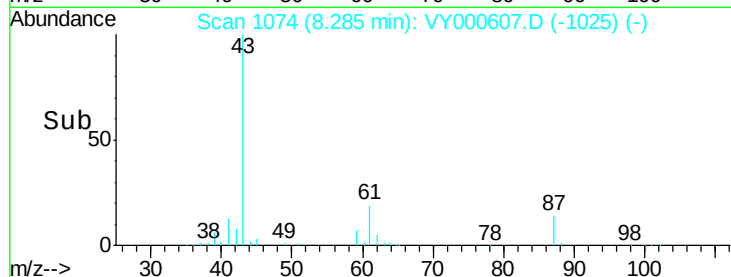
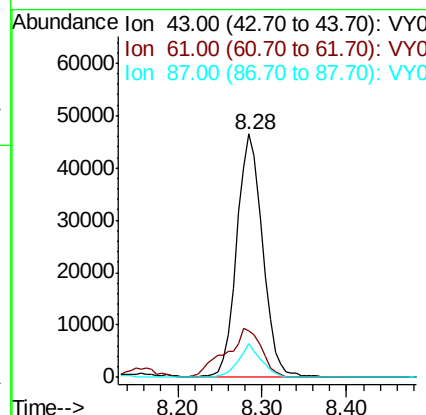
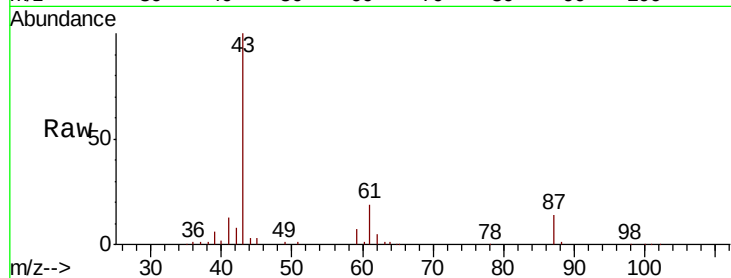
ClientSampleId :

VY1108SBS01

Tot Ion:	43	Resp:	96585
Ion	Ratio	Lower	Upper
43	100		
61	28.0	23.0	34.4
87	12.2	10.5	15.7

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#44

Trichloroethene

Concen: 19.467 ug/l

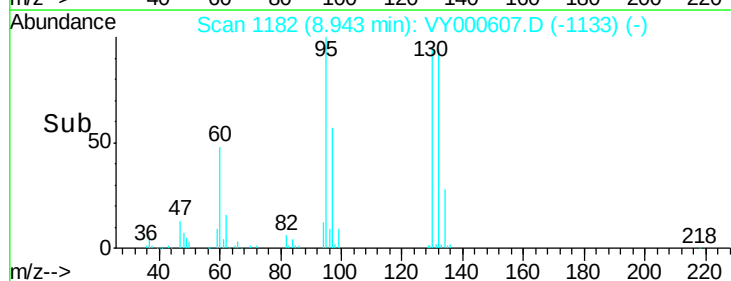
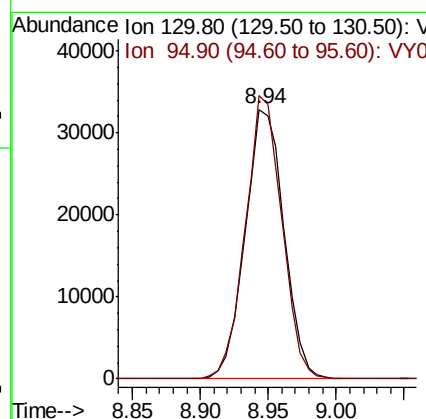
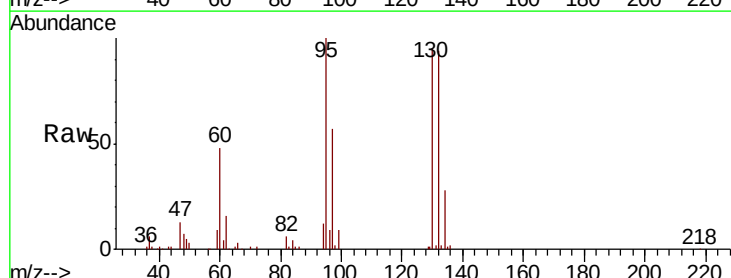
RT: 8.94 min Scan# 1182

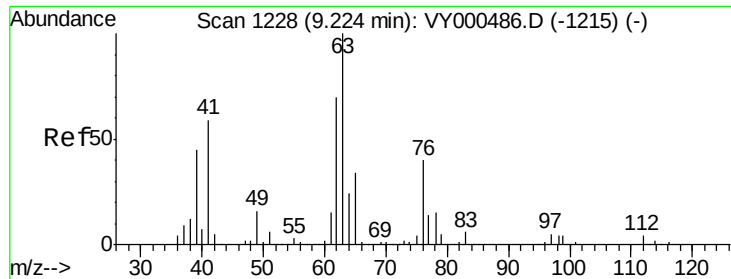
Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Tgt Ion:	130	Resp:	65538
Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	203.2





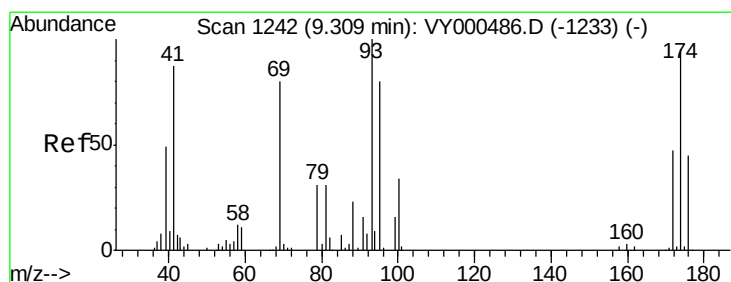
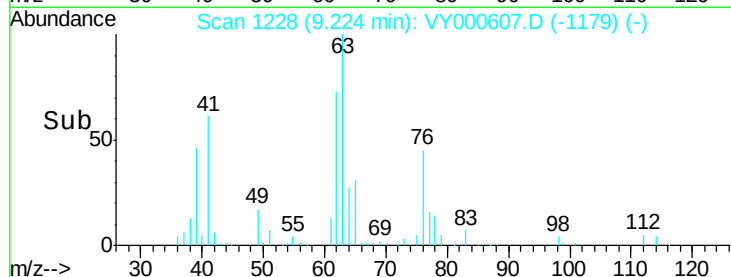
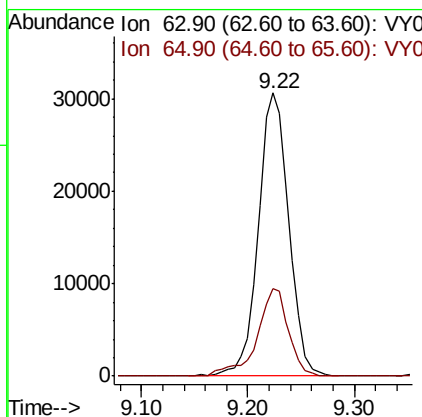
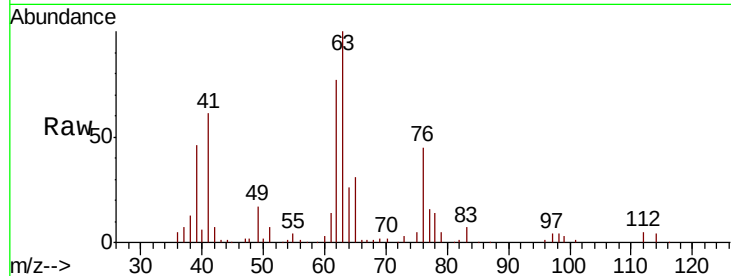
#45
 1,2-Dichloropropane
 Concen: 19.519 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Tot Ion: 63 Resp: 61341
 Ion Ratio Lower Upper
 63 100
 65 31.1 27.0 40.4

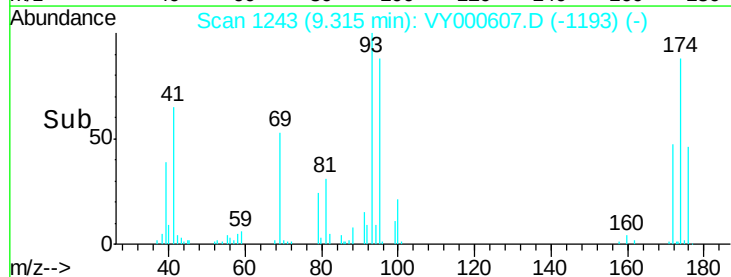
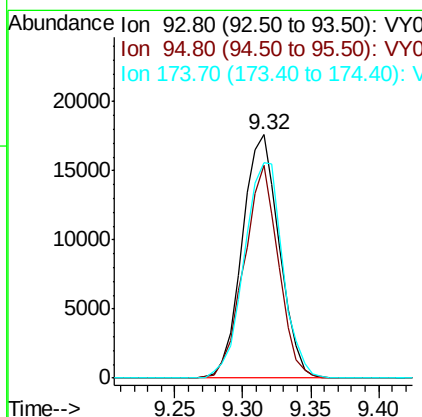
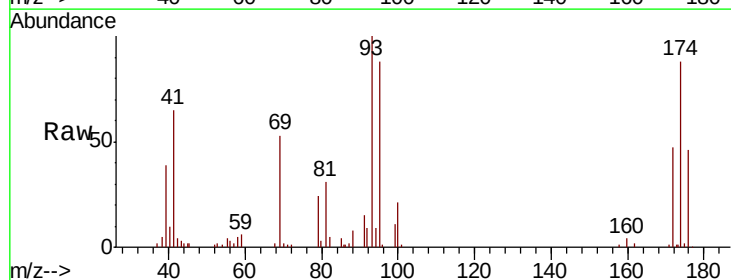
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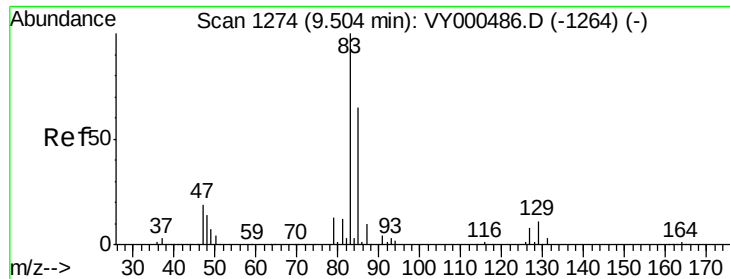
MMDadoda
 11/13/2019 11:05:49 AM



#46
 Dibromomethane
 Concen: 19.376 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion: 93 Resp: 33488
 Ion Ratio Lower Upper
 93 100
 95 81.6 66.4 99.6
 174 92.5 77.1 115.7





#47

Bromodichloromethane

Concen: 19.304 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

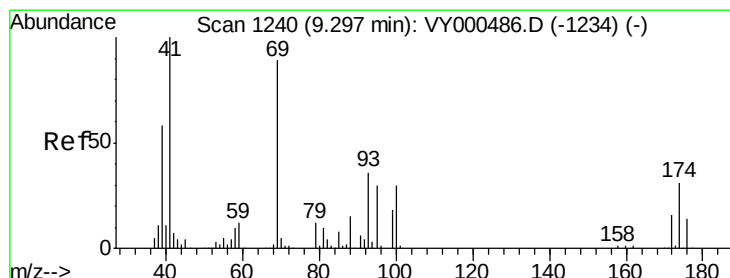
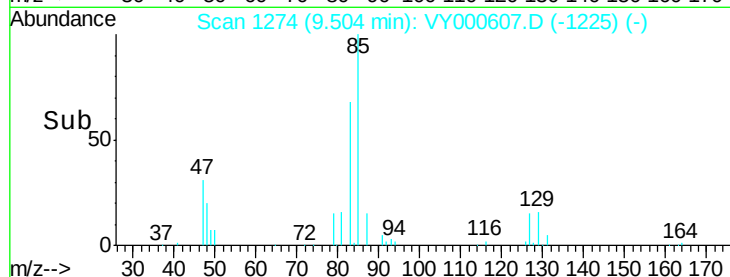
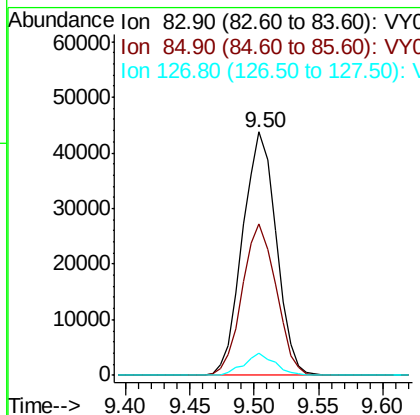
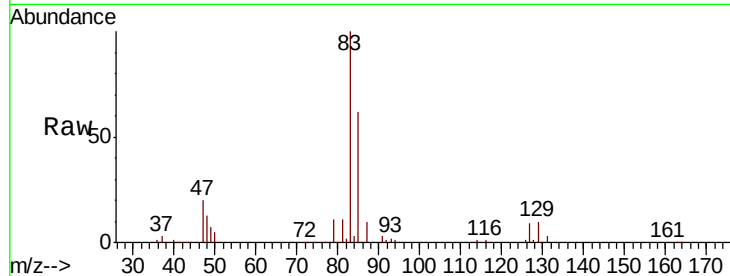
ClientSampleId :

VY1108SBS01

Tot Ion:	83	Resp:	79163
Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.8	77.8
127	9.2	6.7	10.1

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#48

Methyl methacrylate

Concen: 19.435 ug/l

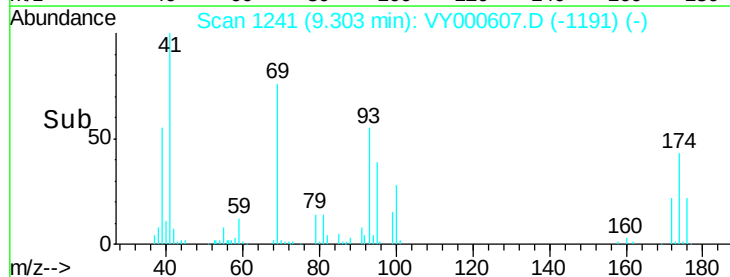
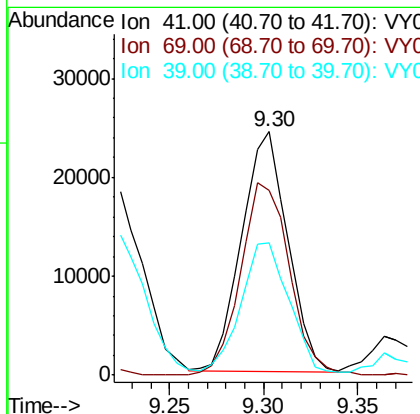
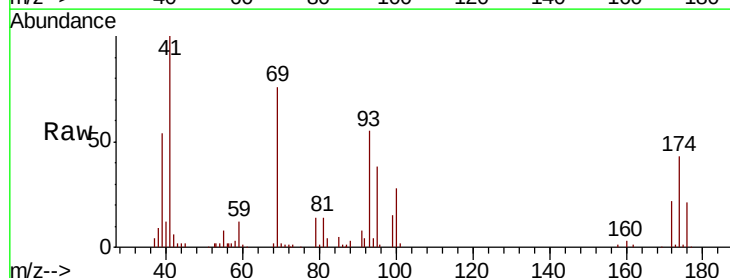
RT: 9.30 min Scan# 1241

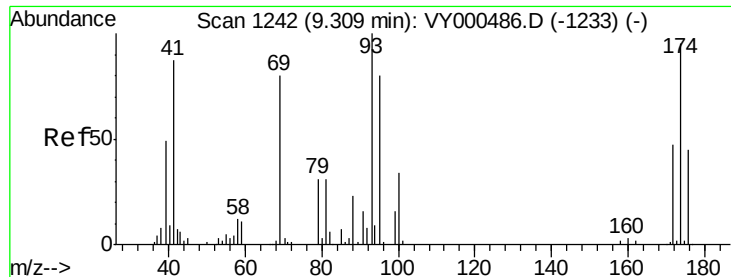
Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Tgt Ion:	41	Resp:	41245
Ion	Ratio	Lower	Upper
41	100		
69	84.9	72.5	108.7
39	58.6	47.8	71.8





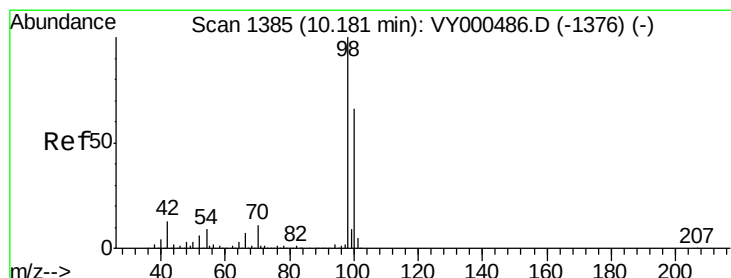
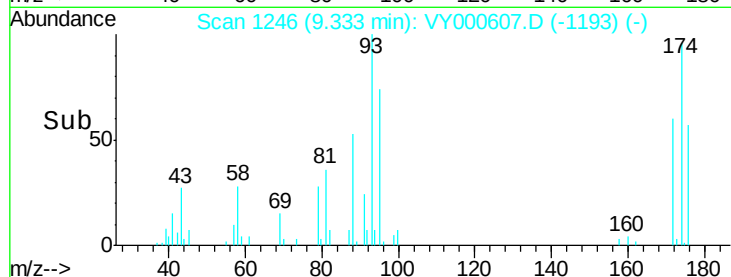
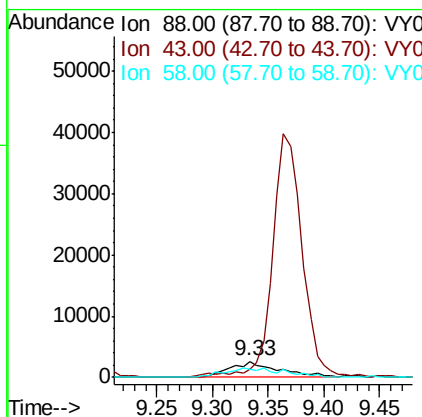
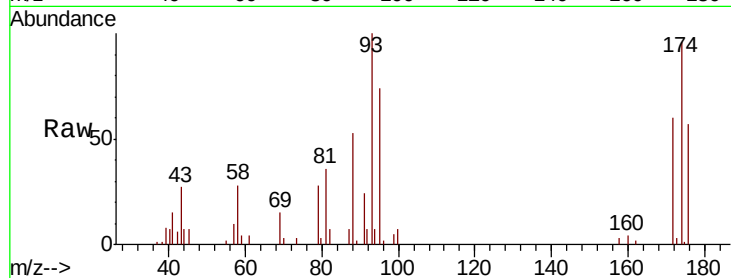
#49
1,4-Dioxane
Concen: 344.366 ug/l
RT: 9.33 min Scan# 1246
Delta R.T. 0.02 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.1	37.7#
58	50.9	50.6	75.8

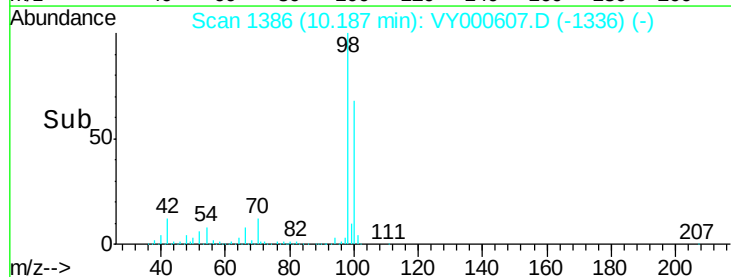
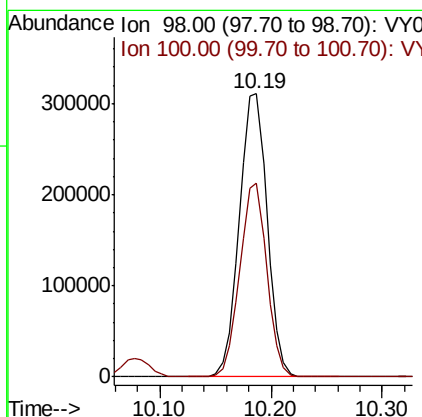
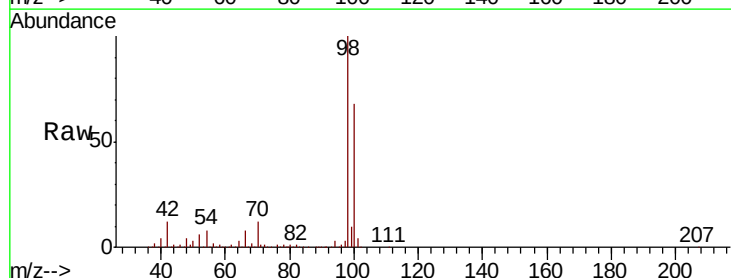
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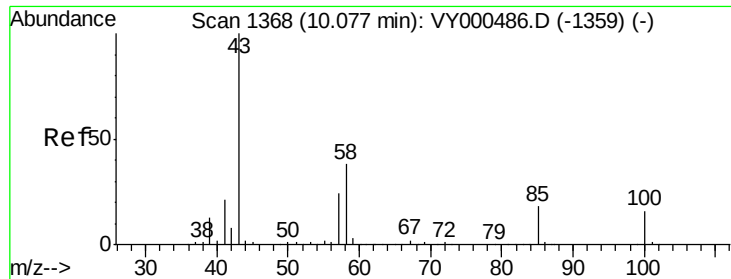
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#50
Toluene-d8
Concen: 52.575 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.9	79.3





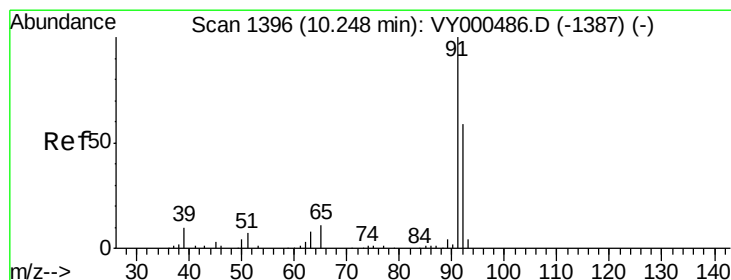
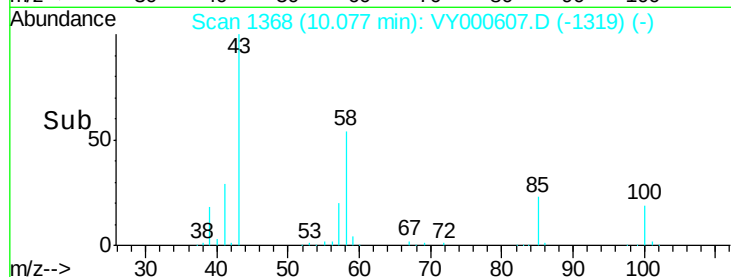
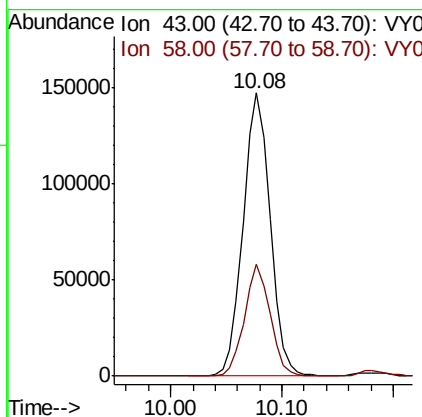
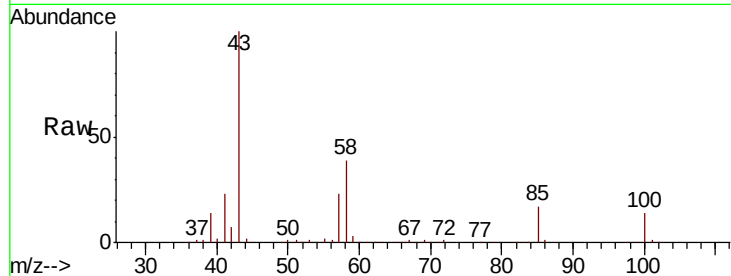
#51
4-Methyl-2-Pentanone
Concen: 96.293 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion: 43 Resp: 248674
Ion Ratio Lower Upper
43 100
58 37.4 30.2 45.4

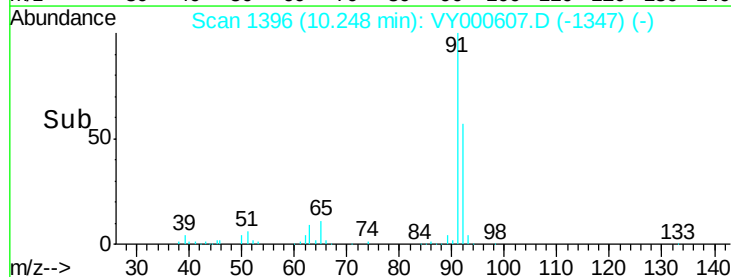
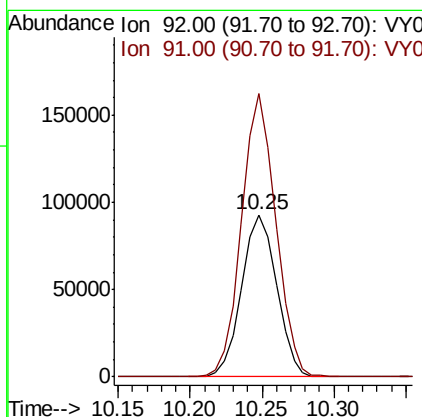
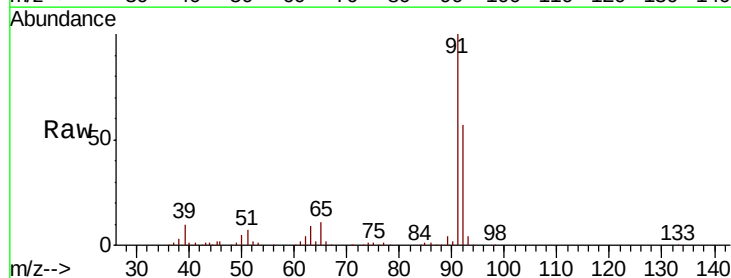
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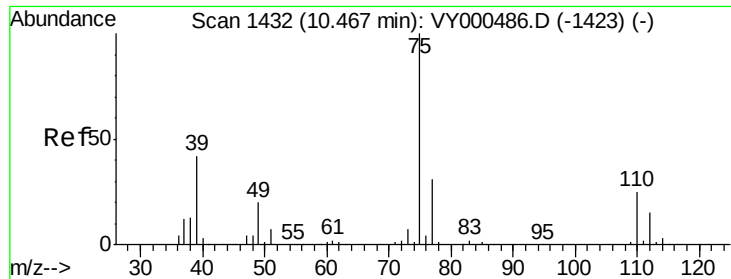
MMDadoda
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#52
Toluene
Concen: 19.440 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 92 Resp: 156936
Ion Ratio Lower Upper
92 100
91 170.2 136.3 204.5





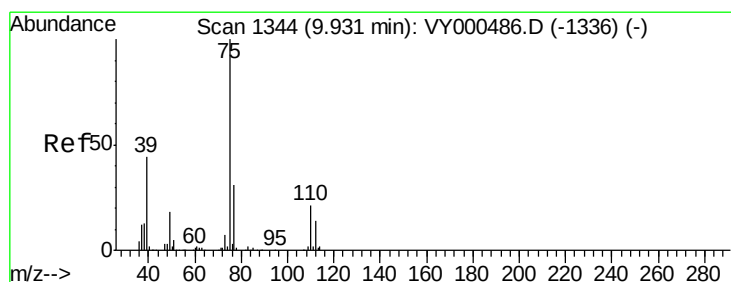
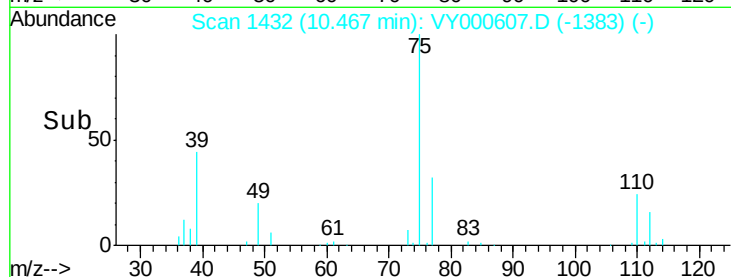
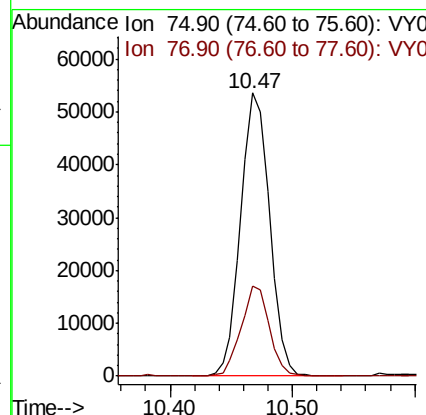
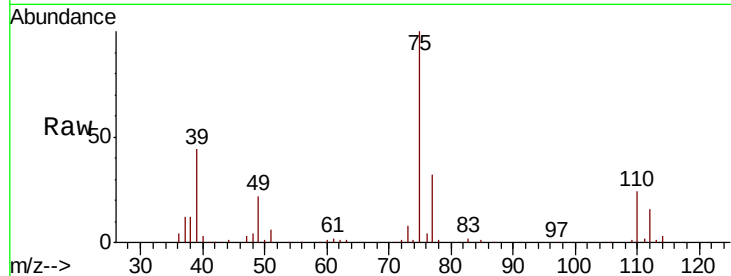
#53
 t-1,3-Dichloropropene
 Concen: 20.047 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Tot Ion: 75 Resp: 87842
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.6 37.0

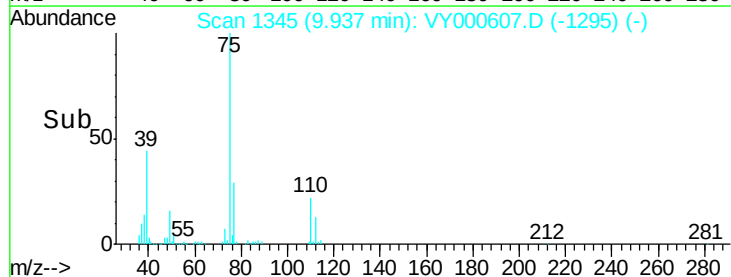
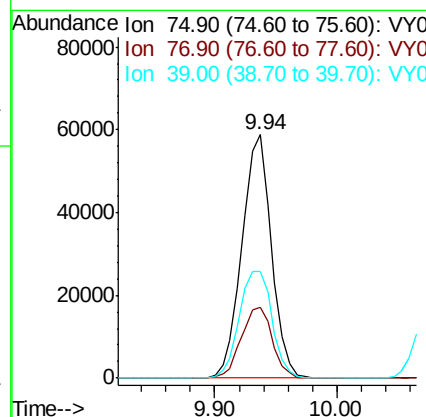
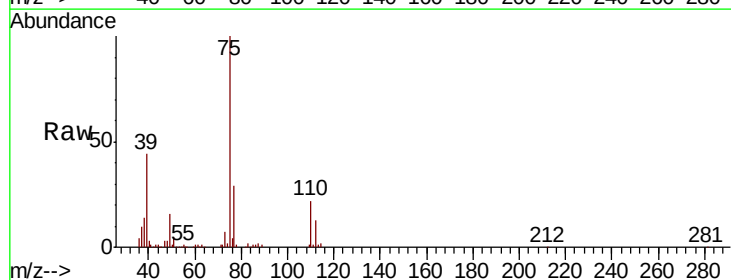
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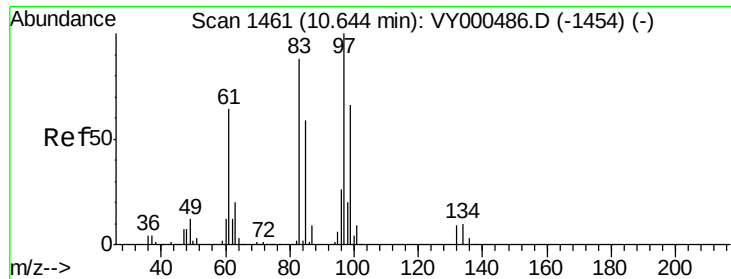
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#54
 cis-1,3-Dichloropropene
 Concen: 19.487 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion: 75 Resp: 97820
 Ion Ratio Lower Upper
 75 100
 77 28.8 24.5 36.7
 39 43.8 35.4 53.2





#55

1,1,2-Trichloroethane

Concen: 18.859 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

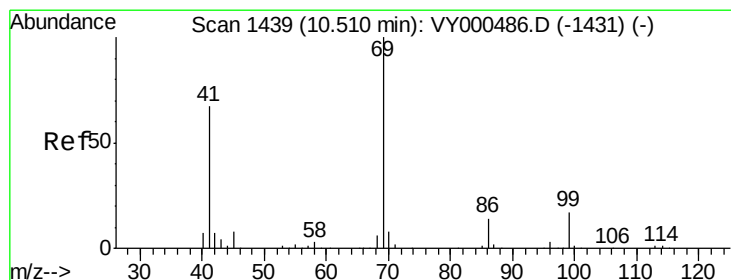
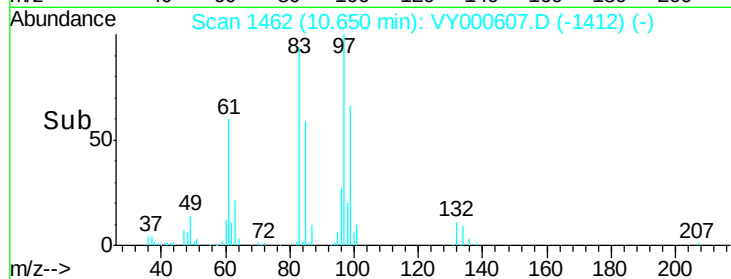
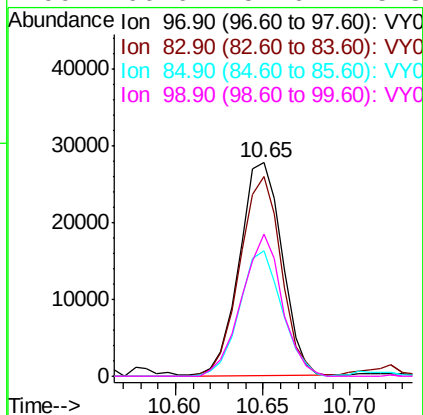
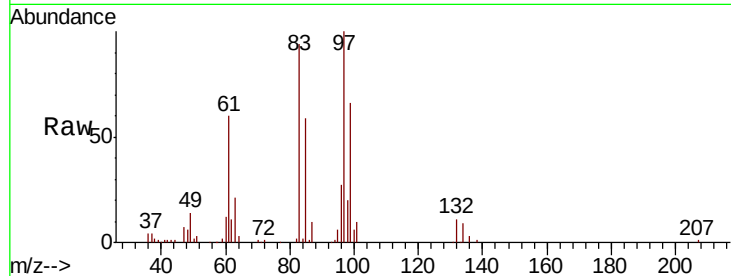
ClientSampleId :

VY1108SBS01

Tot Ion:	97	Resp:	47144
Ion	Ratio	Lower	Upper
97	100		
83	94.2	70.2	105.4
85	58.8	46.9	70.3
99	66.6	52.6	78.8

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#56

Ethyl methacrylate

Concen: 19.386 ug/l

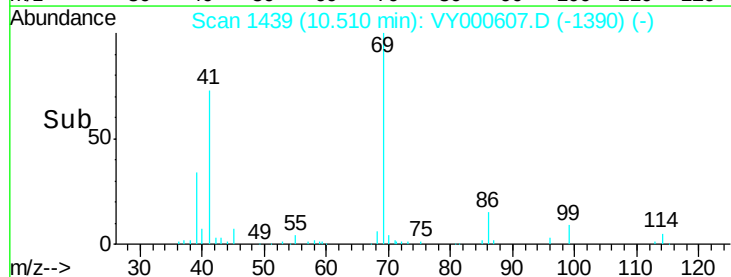
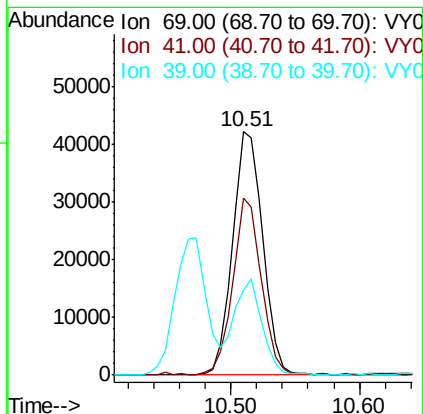
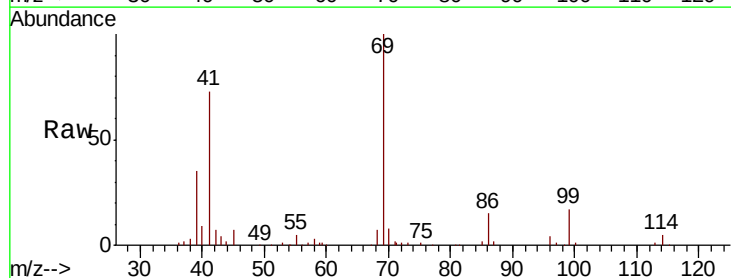
RT: 10.51 min Scan# 1439

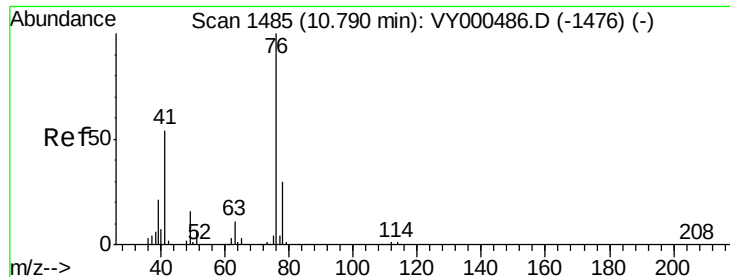
Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Tgt Ion:	69	Resp:	68685
Ion	Ratio	Lower	Upper
69	100		
41	68.9	53.3	79.9
39	36.7	28.0	42.0





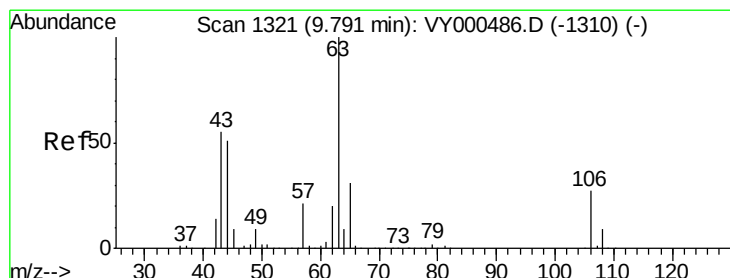
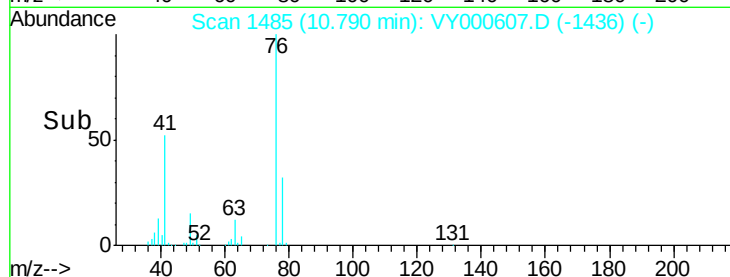
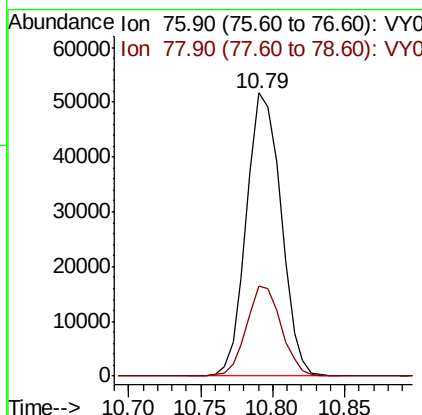
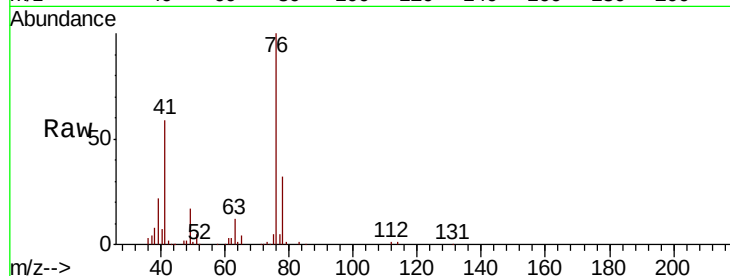
#57
 1,3-Dichloropropane
 Concen: 19.740 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.2	37.8

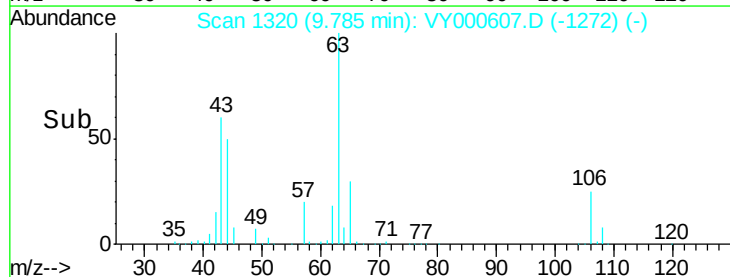
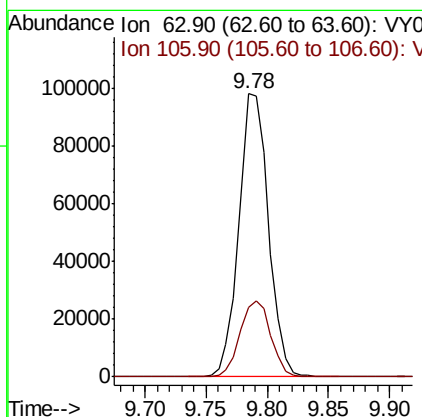
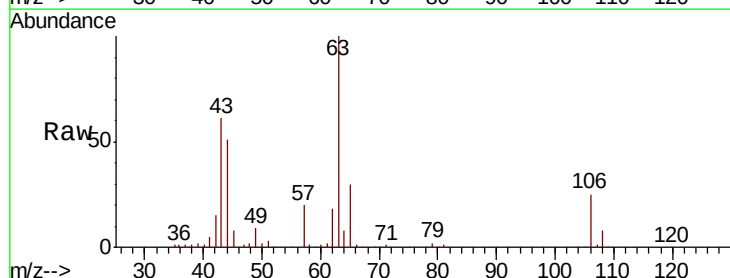
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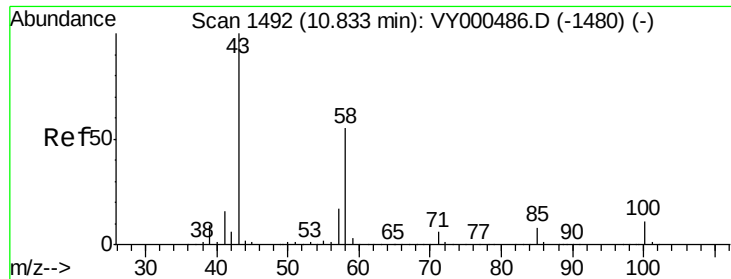
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#58
 2-Chloroethyl Vinyl ether
 Concen: 102.791 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	22.6	33.8





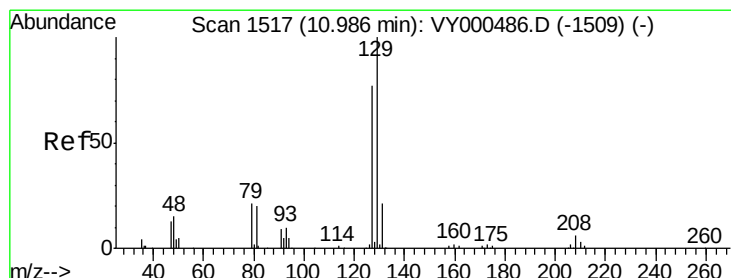
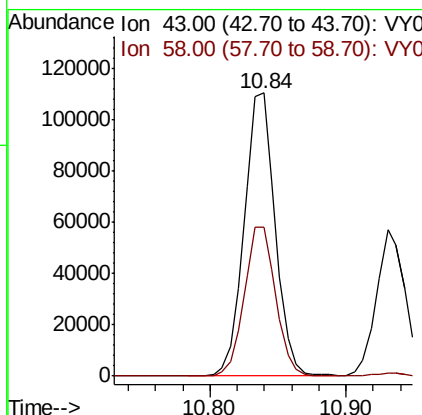
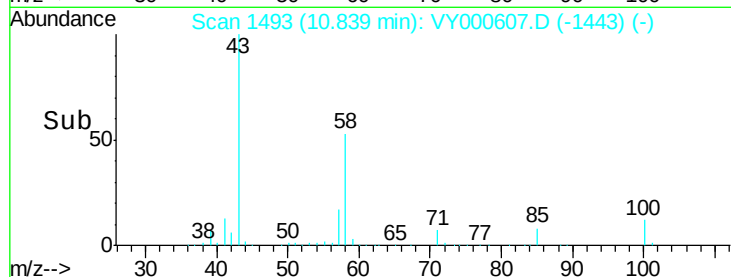
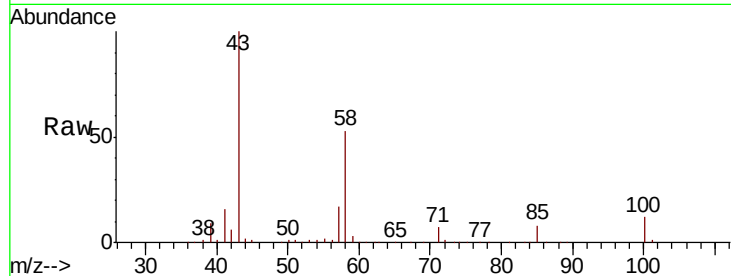
#59
2-Hexanone
Concen: 93.271 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion: 43 Resp: 175497
Ion Ratio Lower Upper
43 100
58 53.6 27.1 81.3

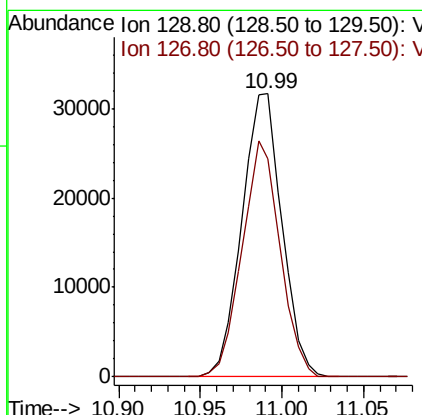
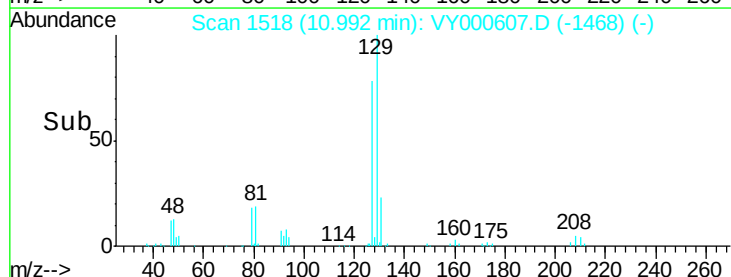
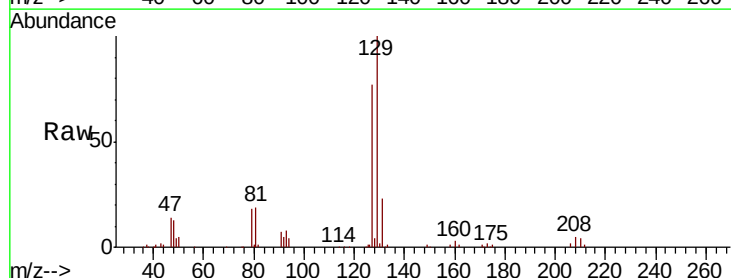
Manual Integrations
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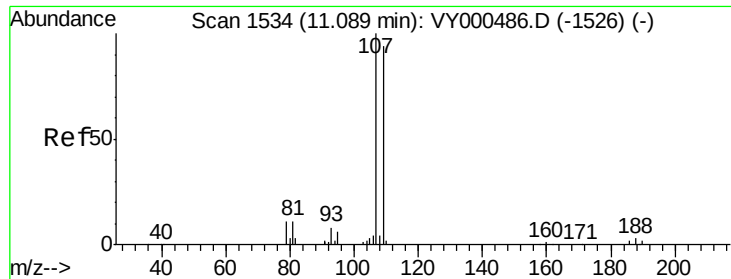
MMDadoda
11/13/2019 11:05:49 AM



#60
Dibromochloromethane
Concen: 18.936 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 129 Resp: 54220
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2





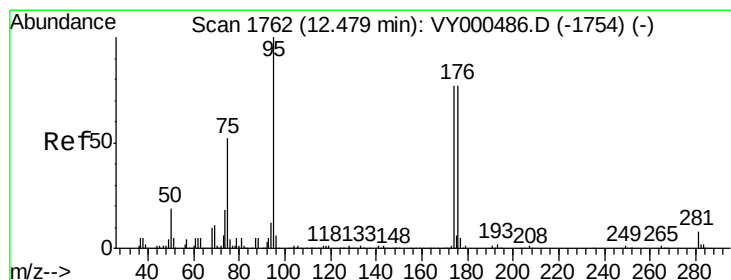
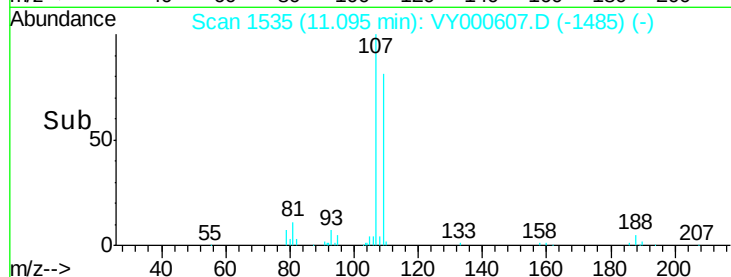
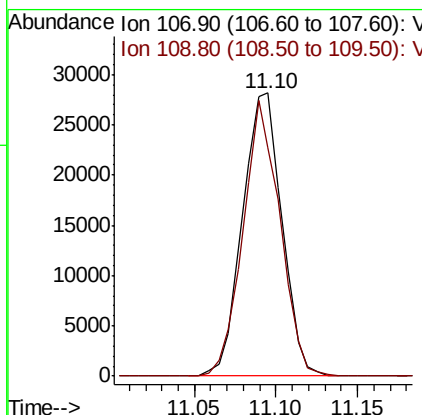
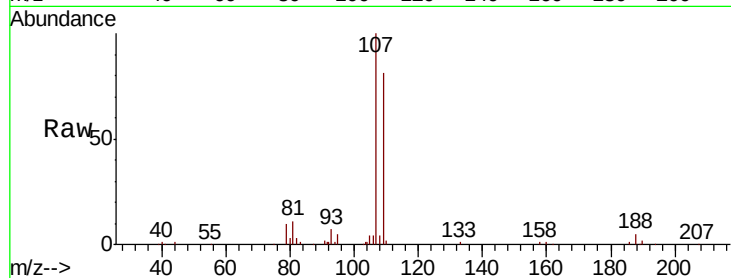
#61
 1,2-Dibromoethane
 Concen: 19.754 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.0	73.6	110.4

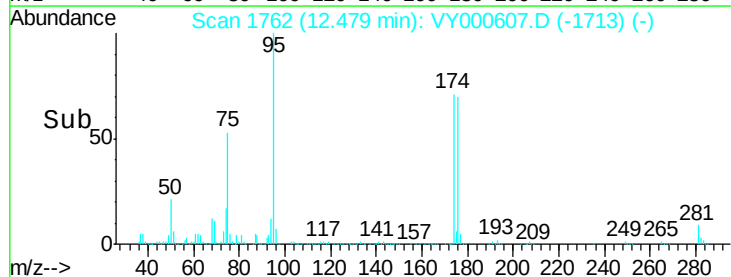
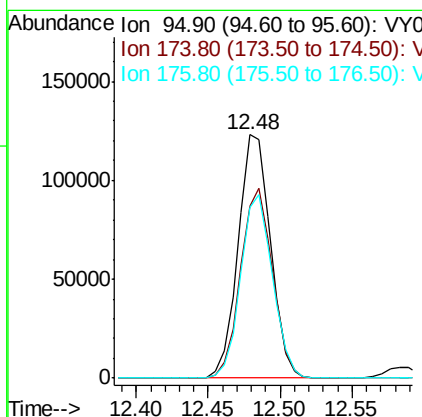
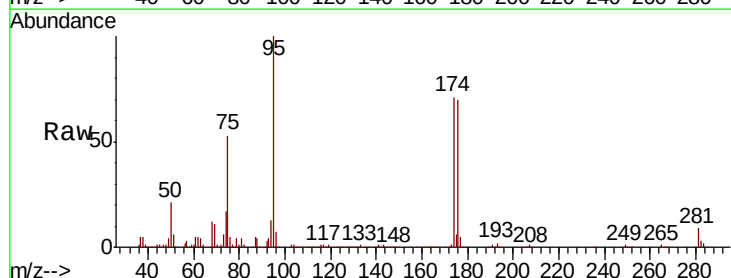
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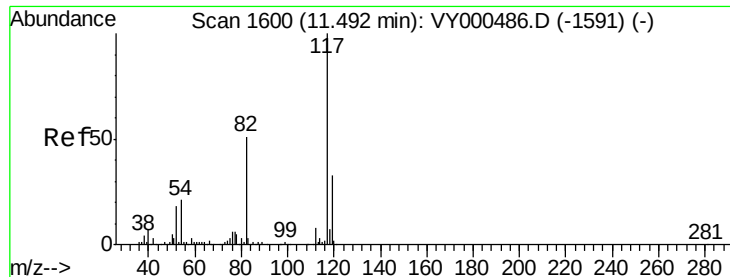
MMDadoda
 11/13/2019 11:05:49 AM



#62
 4-Bromofluorobenzene
 Concen: 49.120 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	161.6
176	73.8	0.0	157.8





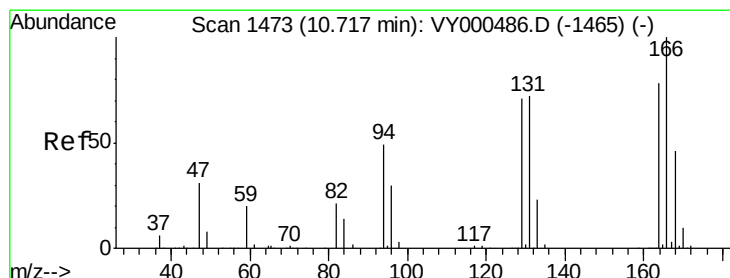
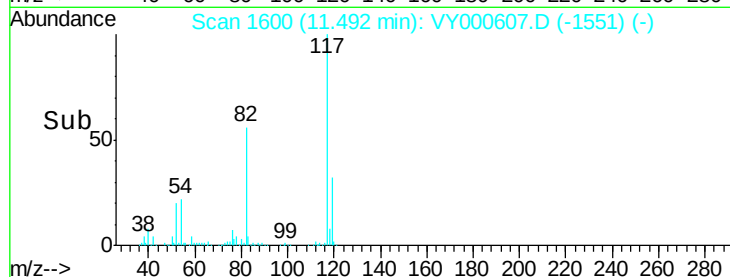
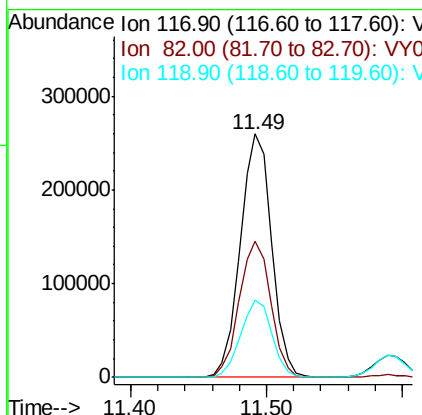
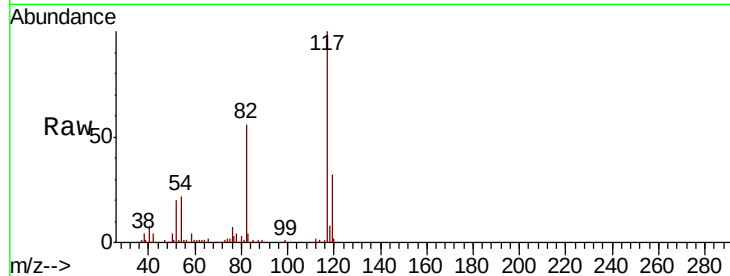
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	40.8	61.2
119	31.6	26.2	39.2

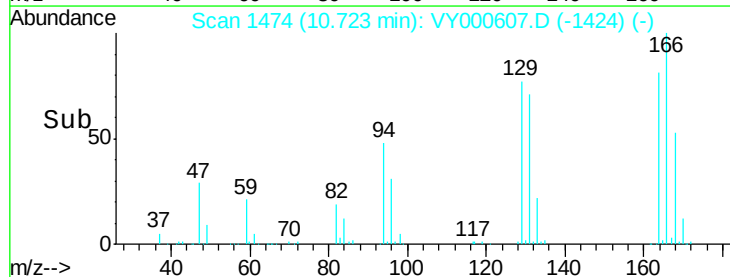
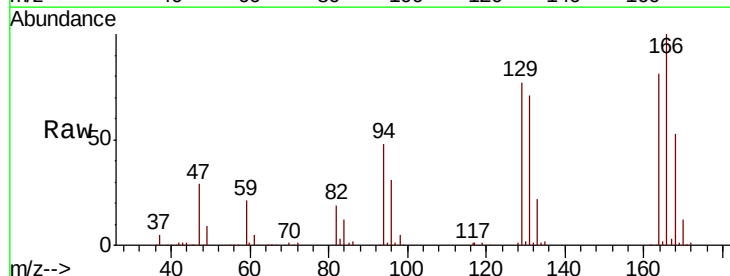
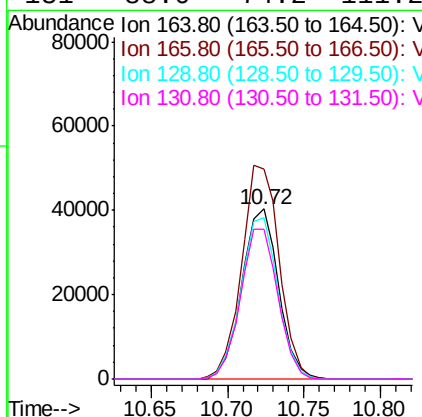
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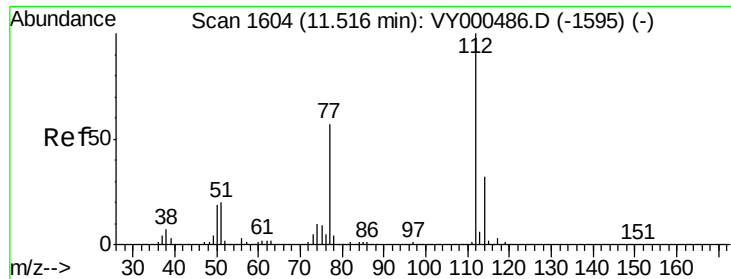
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#64
Tetrachloroethene
Concen: 19.577 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.1	102.7	154.1
129	95.3	73.2	109.8
131	88.0	74.2	111.2





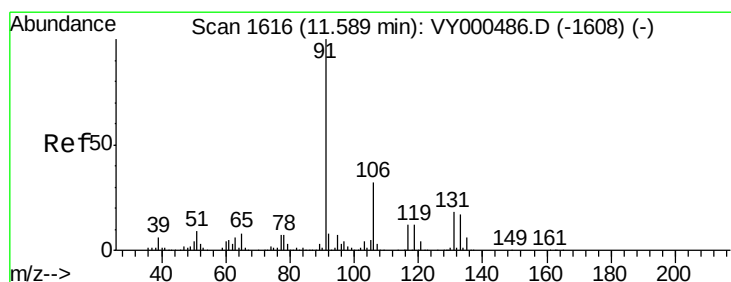
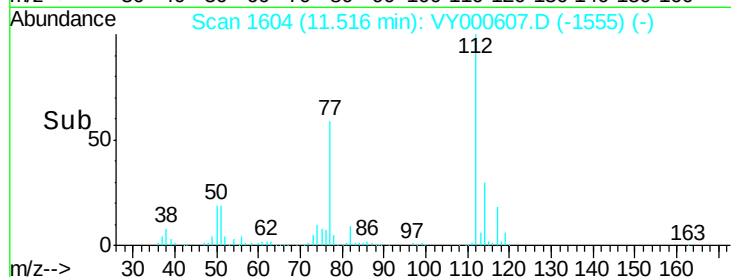
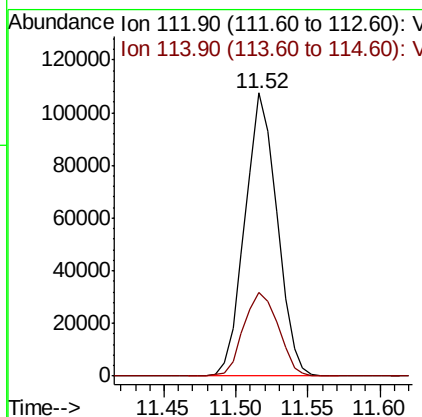
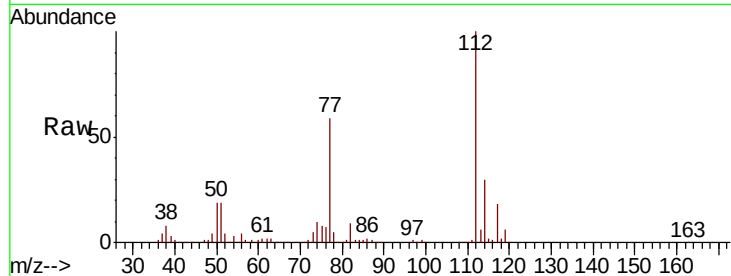
#65
Chlorobenzene
Concen: 19.707 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion:112 Resp: 166251
Ion Ratio Lower Upper
112 100
114 29.6 25.3 37.9

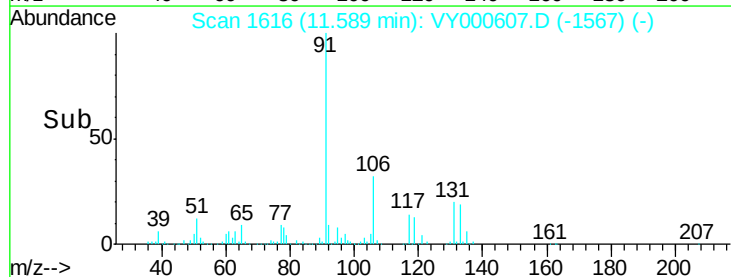
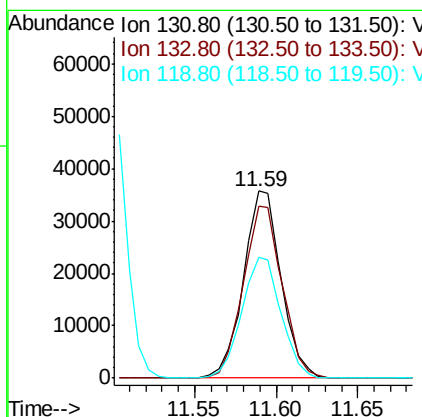
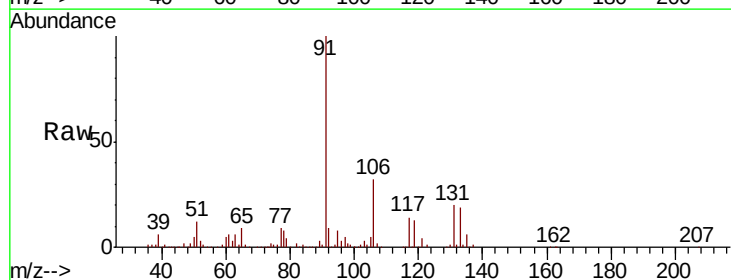
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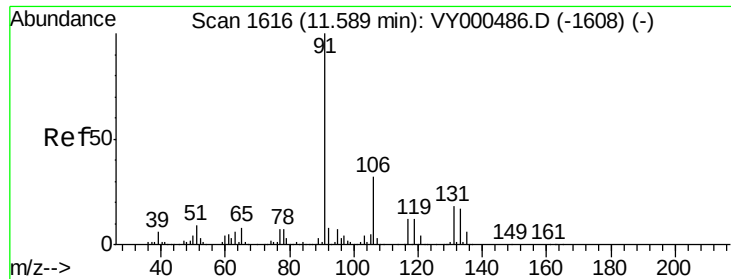
MMDadoda
11/13/2019 11:05:49 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.625 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion:131 Resp: 57418
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.8
119 66.9 33.1 99.3





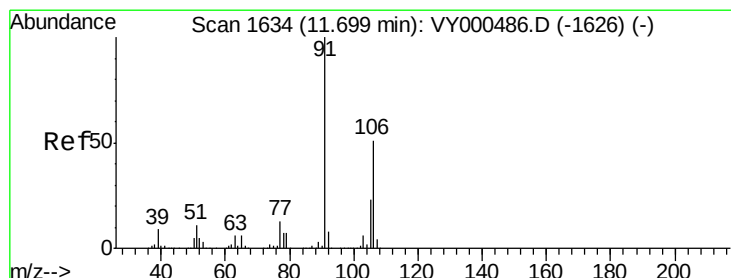
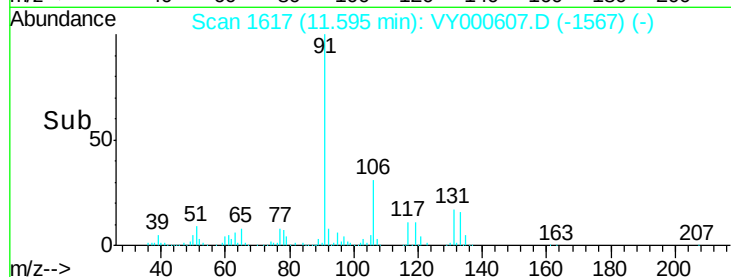
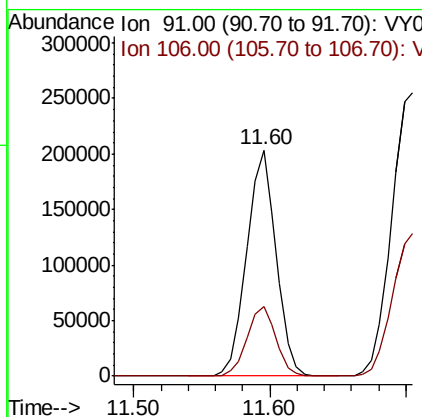
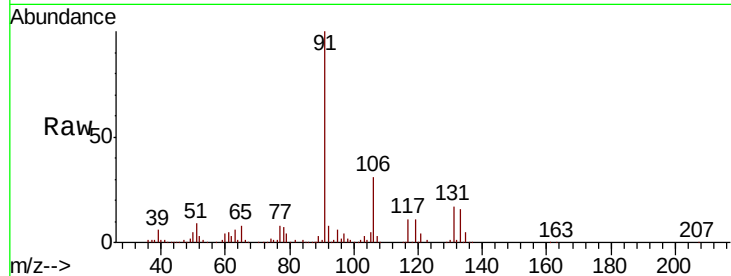
#67
Ethyl Benzene
Concen: 19.810 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion: 91 Resp: 307570
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0

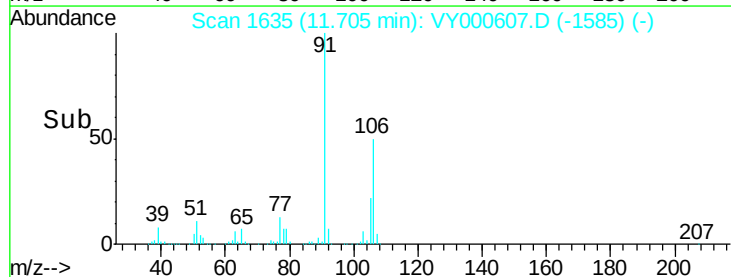
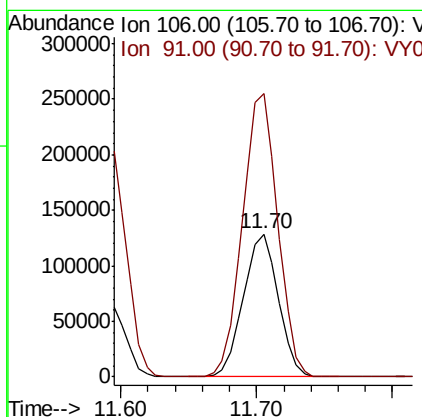
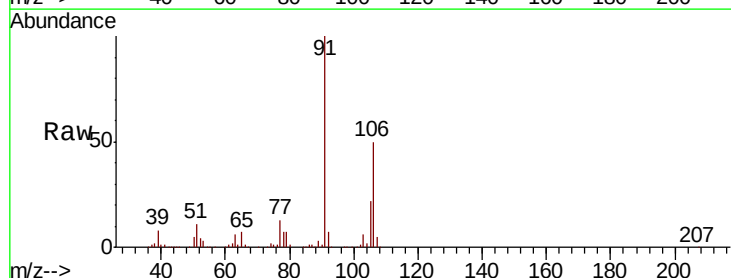
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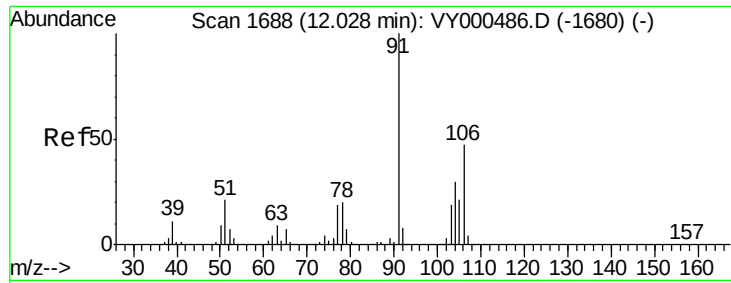
MMDadoda
11/13/2019 11:05:49 AM



#68
m/p-Xylenes
Concen: 38.354 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion: 106 Resp: 230475
Ion Ratio Lower Upper
106 100
91 200.6 155.9 233.9





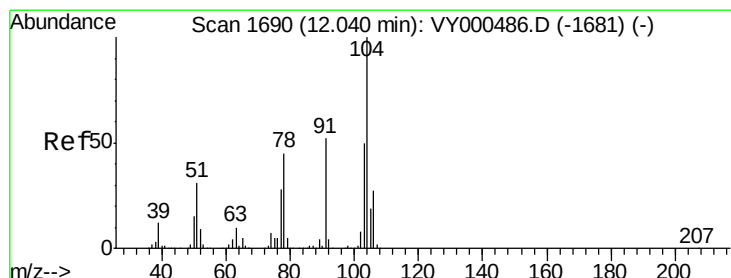
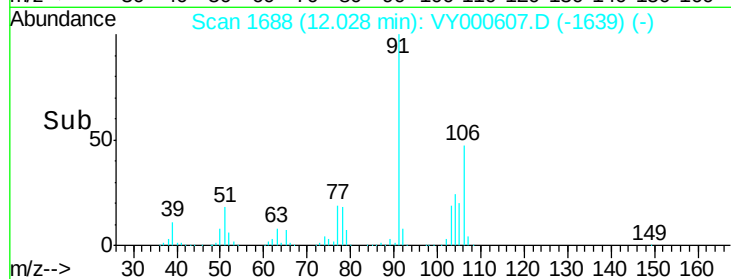
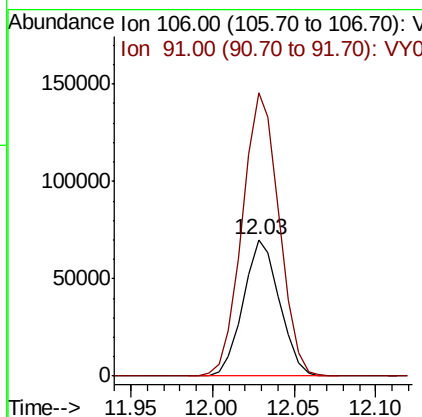
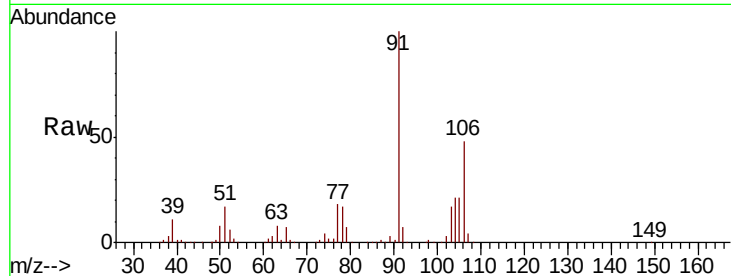
#69
o-Xylene
Concen: 19.200 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion:106 Resp: 108435
Ion Ratio Lower Upper
106 100
91 210.7 106.5 319.6

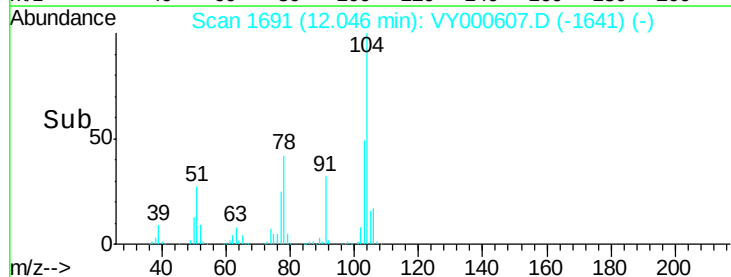
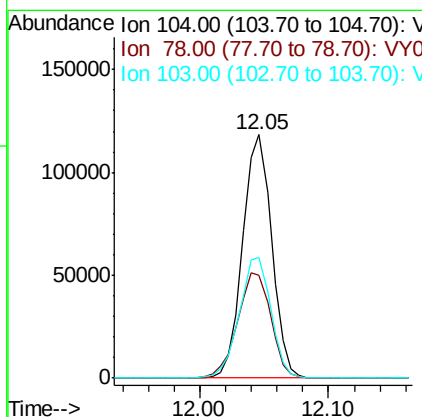
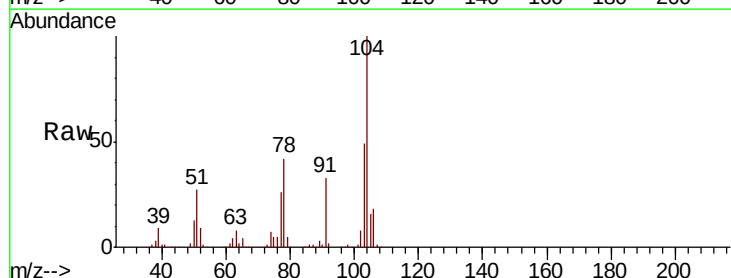
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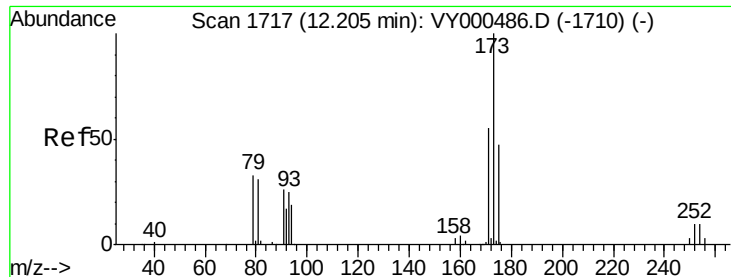
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11/13/2019 11:05:49 AM



#70
Styrene
Concen: 19.046 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion:104 Resp: 184192
Ion Ratio Lower Upper
104 100
78 49.6 39.0 58.4
103 54.0 42.5 63.7





#71

Bromoform

Concen: 18.852 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

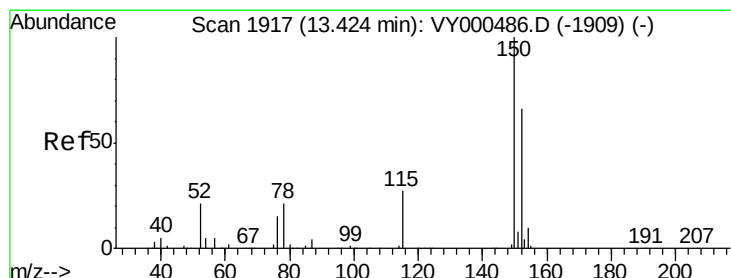
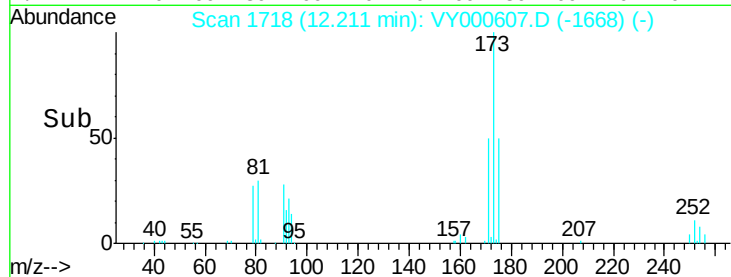
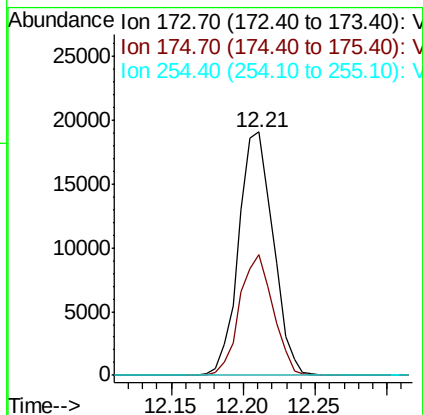
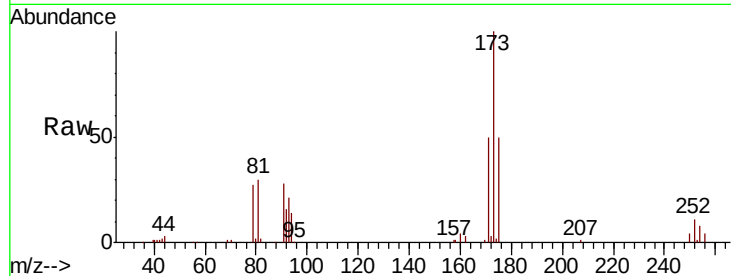
ClientSampleId :

VY1108SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.4	73.2
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

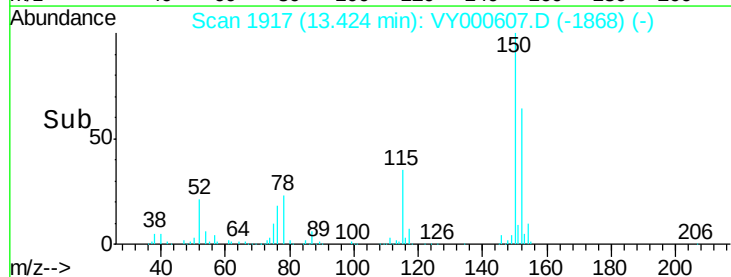
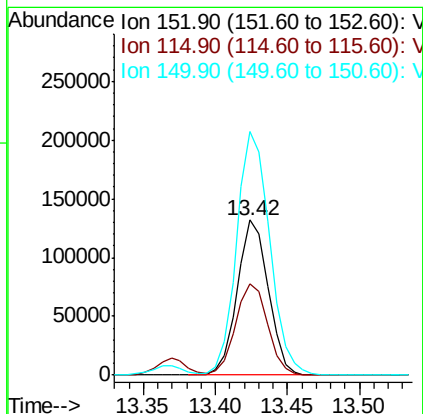
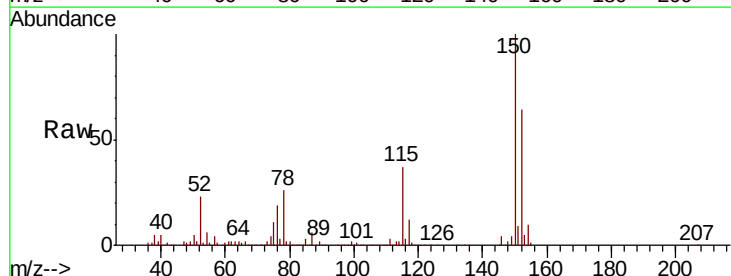
RT: 13.42 min Scan# 1917

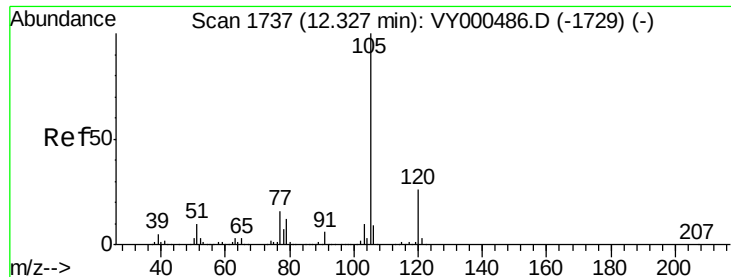
Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.1	87.4
150	168.1	0.0	348.8





#73

Isopropylbenzene

Concen: 20.145 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

Tot Ion: 105 Resp: 294410

Ion Ratio Lower Upper

105 100

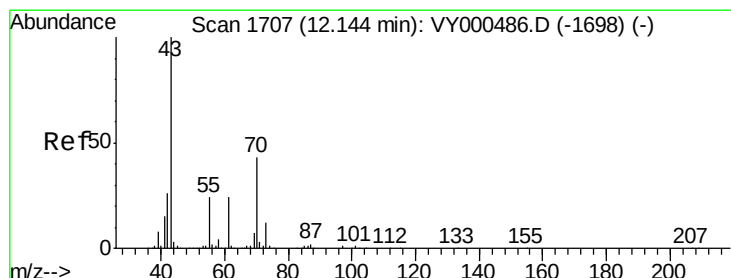
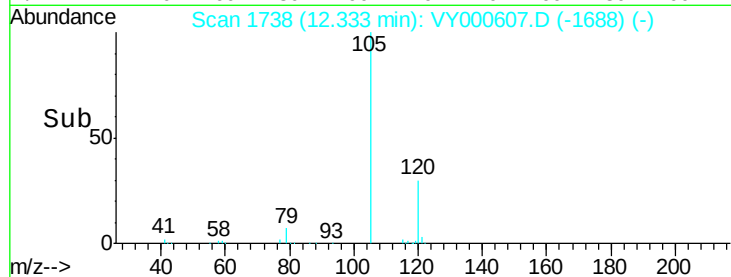
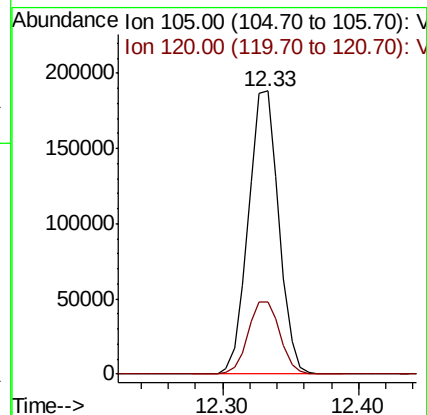
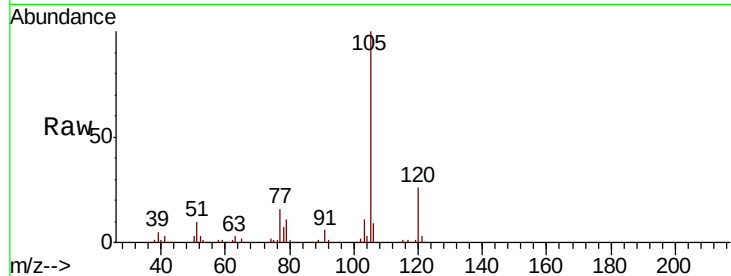
120 26.8 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.967 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Tgt Ion: 43 Resp: 83573

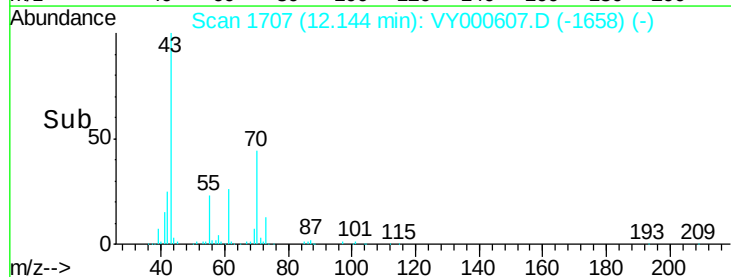
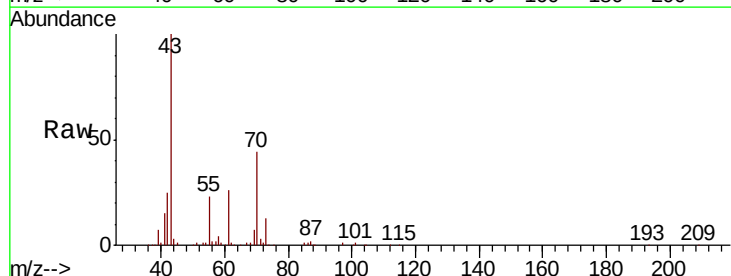
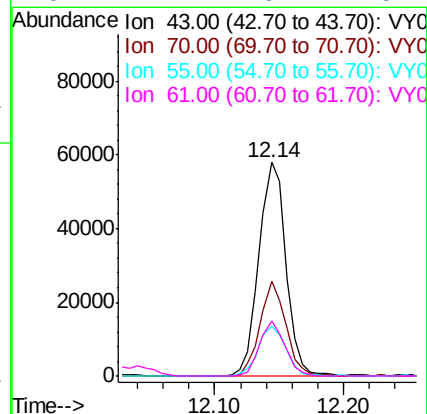
Ion Ratio Lower Upper

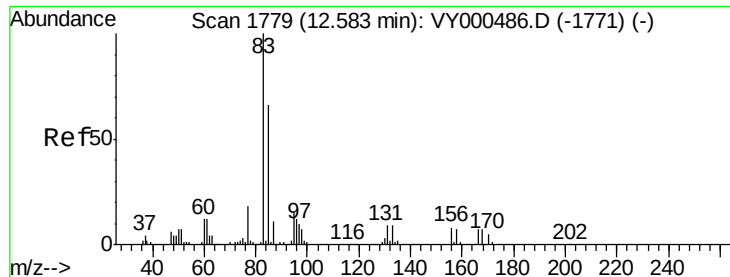
43 100

70 42.4 33.1 49.7

55 23.7 18.0 27.0

61 24.4 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.221 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

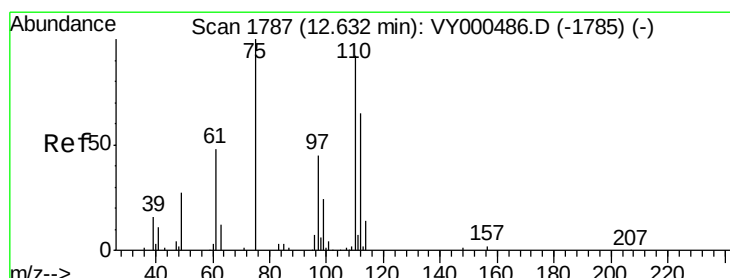
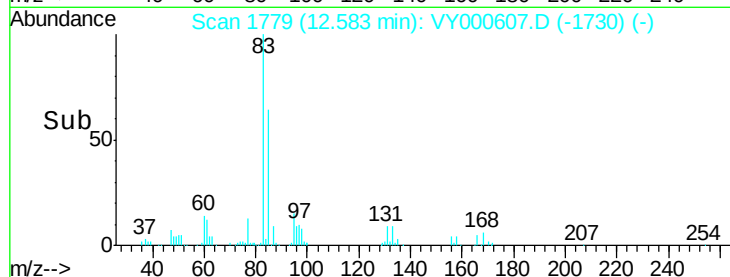
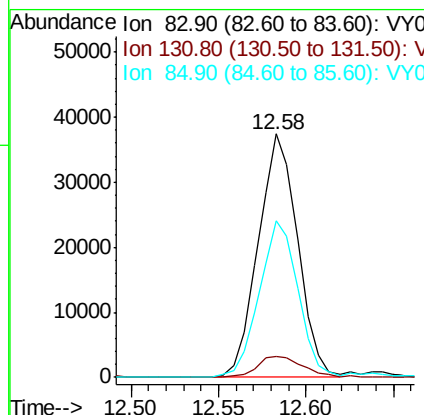
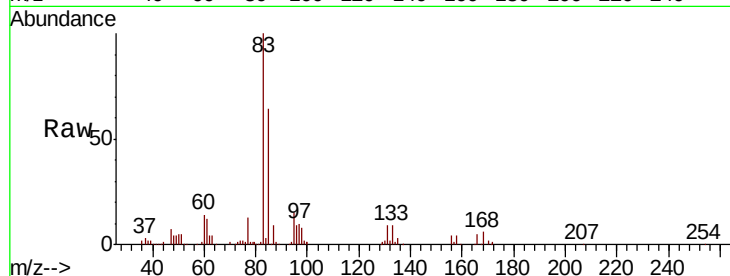
ClientSampleId :

VY1108SBS01

Tot Ion:	83	Resp:	58513
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	14.9
85	63.5	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 16.444 ug/l m

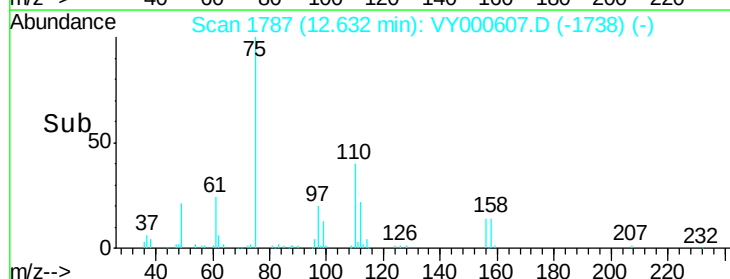
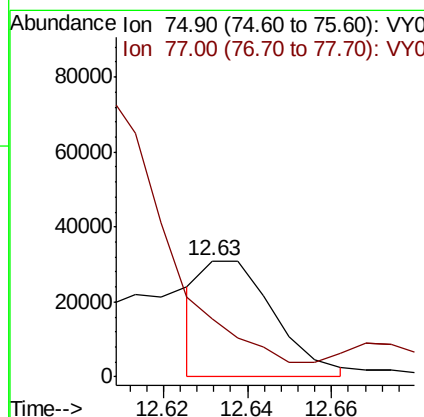
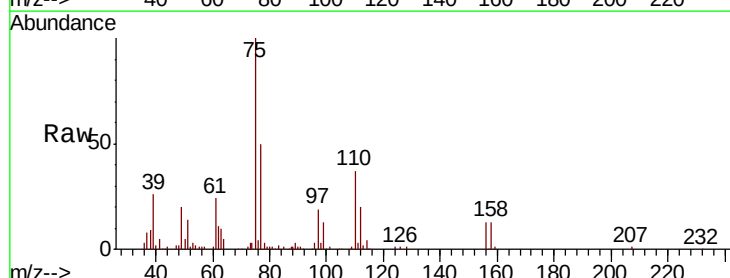
RT: 12.63 min Scan# 1787

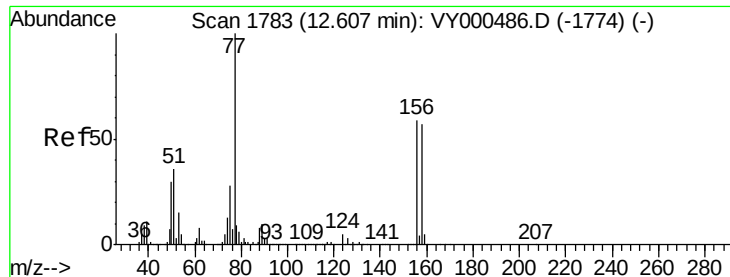
Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Tgt Ion:	75	Resp:	37024
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





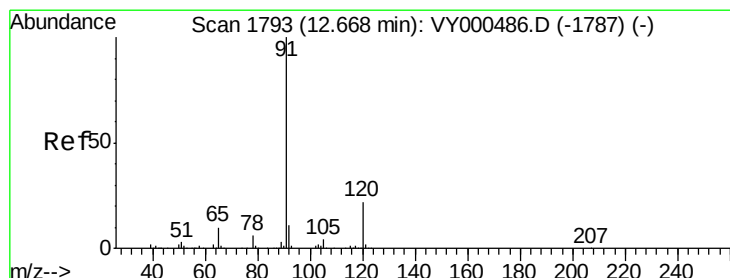
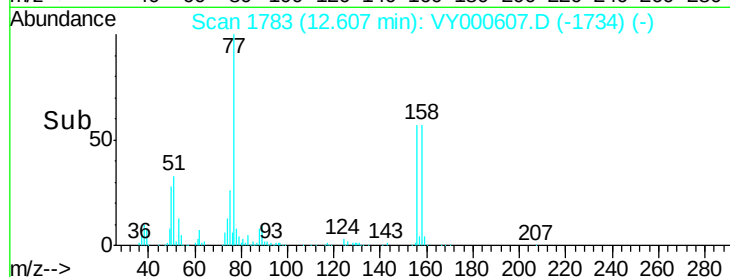
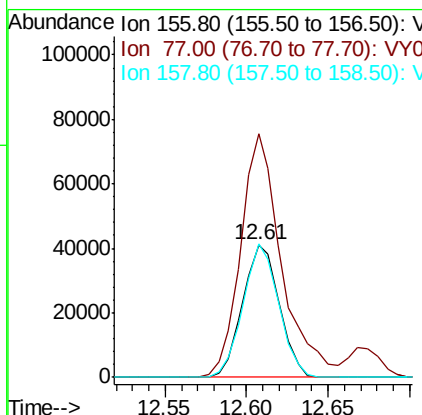
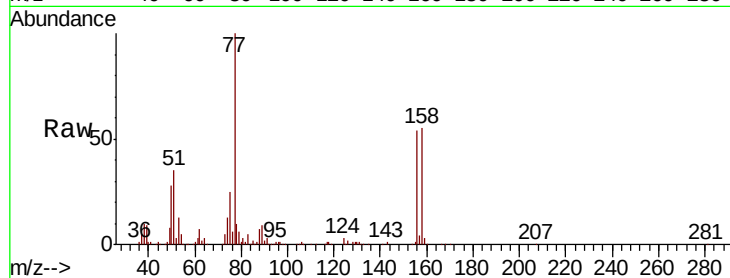
#77
Bromobenzene
Concen: 19.472 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	204.9	98.2	294.4	
158	97.6	49.6	149.0	

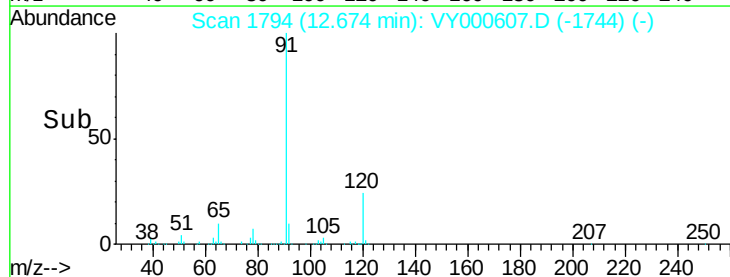
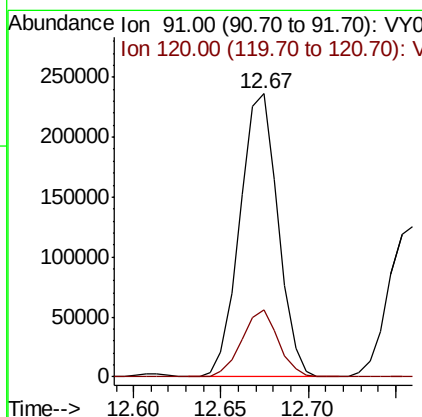
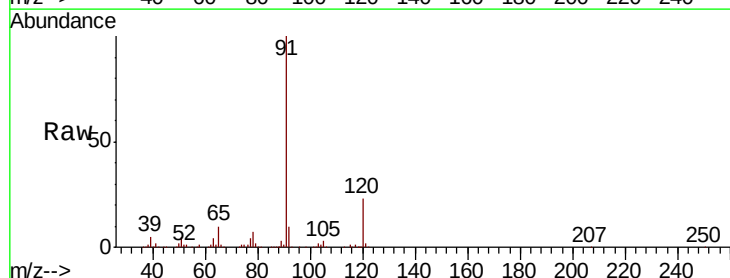
Manual Integrations
APPROVED

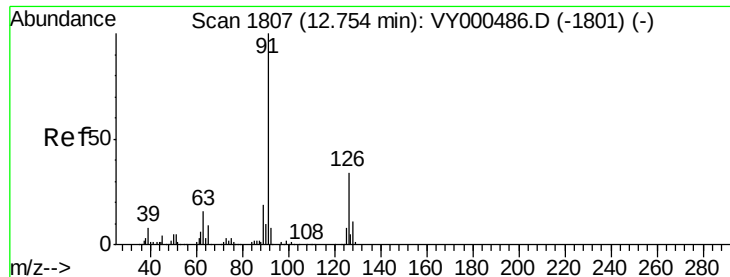
MMDadoda
11/13/2019 11:05:49 AM



#78
n-propylbenzene
Concen: 20.252 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.6	11.4	34.1	





#79

2-Chlorotoluene

Concen: 20.003 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

Tot Ion: 91 Resp: 195823

Ion Ratio Lower Upper

91 100

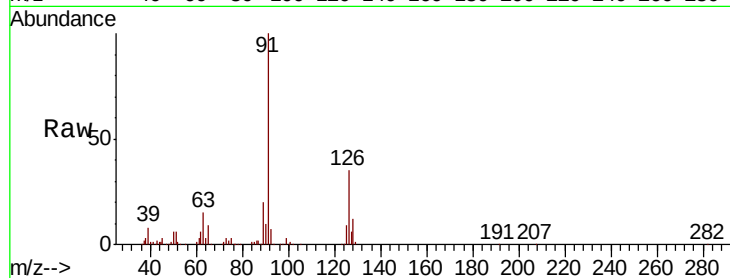
126 34.9 17.7 53.1

Manual Integrations

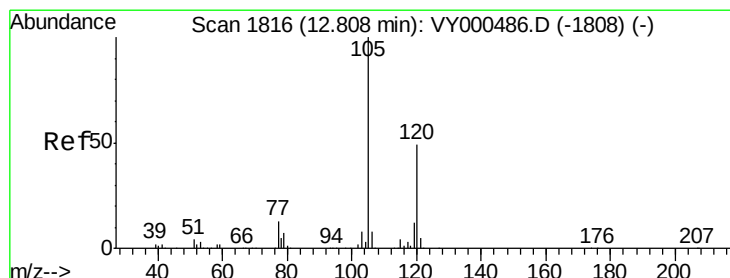
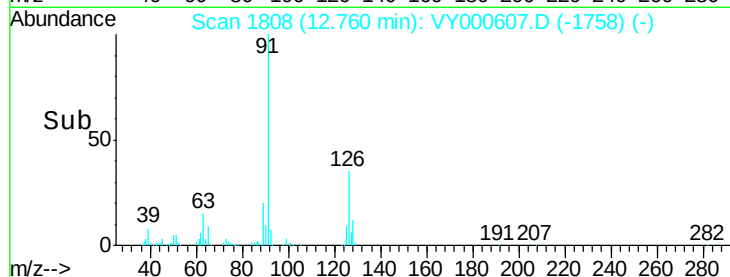
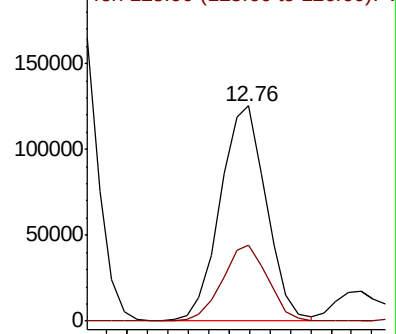
APPROVED

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



#80

1,3,5-Trimethylbenzene

Concen: 20.567 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY000607.D

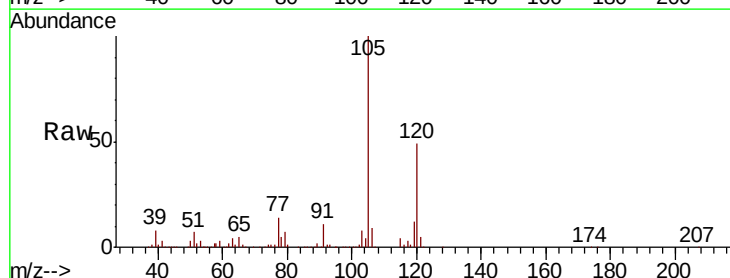
Acq: 08 Nov 2019 11:31

Tgt Ion: 105 Resp: 250345

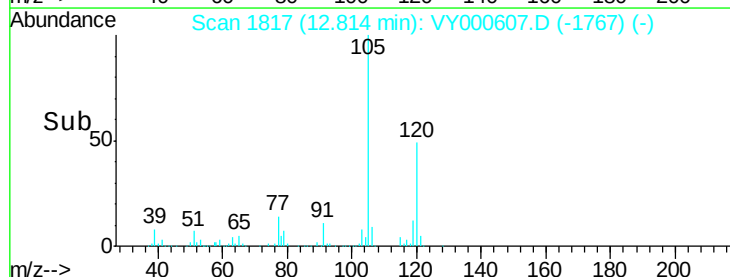
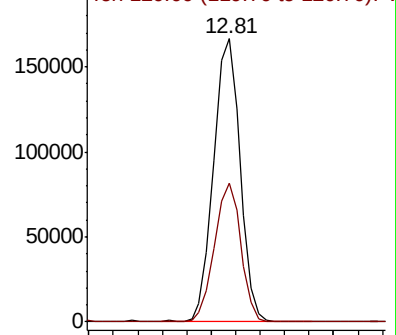
Ion Ratio Lower Upper

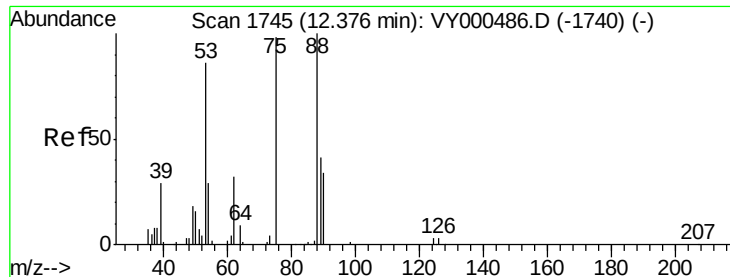
105 100

120 48.9 24.9 74.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 19.080 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

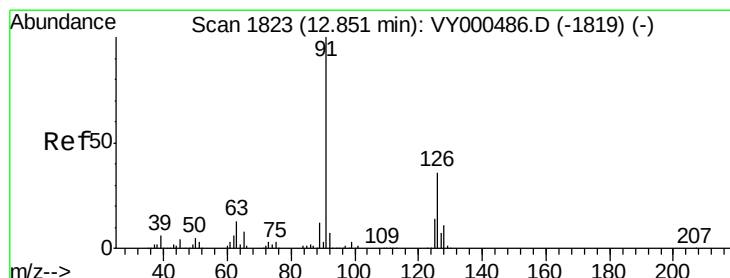
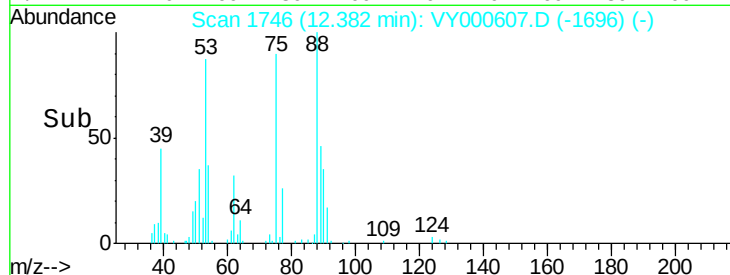
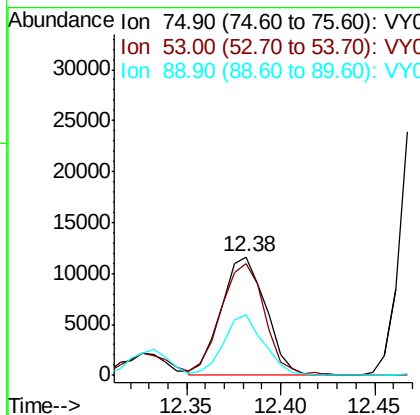
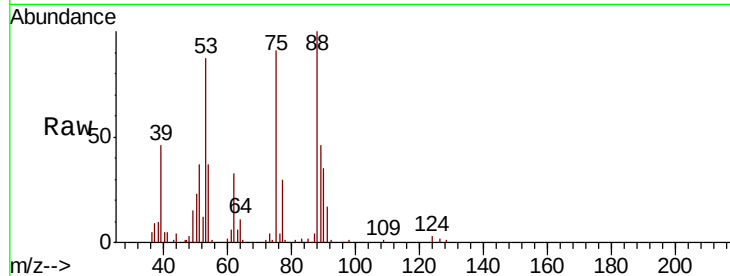
ClientSampleId :

VY1108SBS01

Tot Ion:	75	Resp:	19160
Ion	Ratio	Lower	Upper
75	100		
53	92.5	73.2	109.8
89	45.7	35.9	53.9

Manual Integrations
APPROVED

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#82

4-Chlorotoluene

Concen: 20.620 ug/l

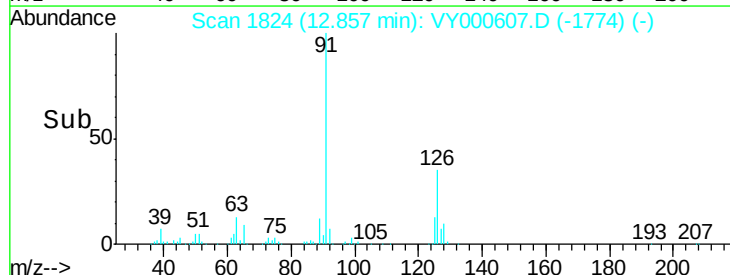
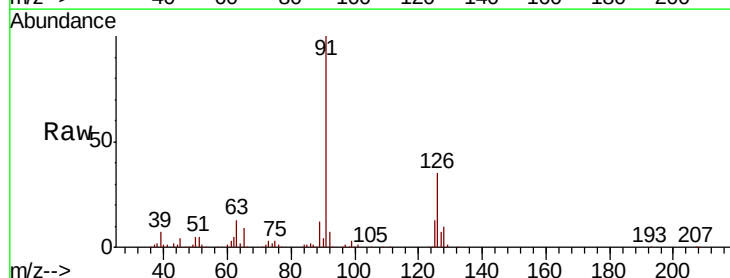
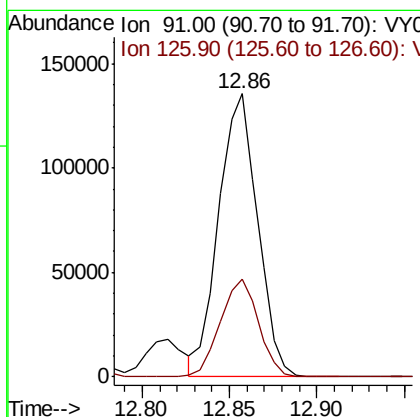
RT: 12.86 min Scan# 1824

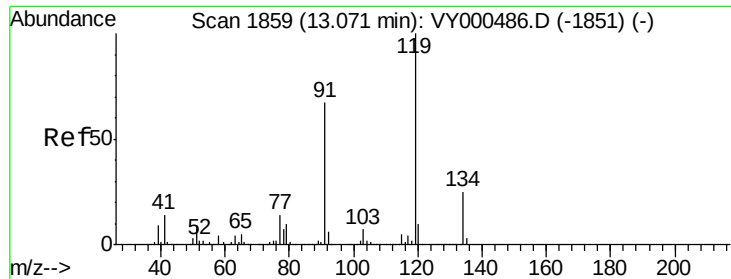
Delta R.T. 0.01 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Tgt Ion:	91	Resp:	209245
Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.6	52.9





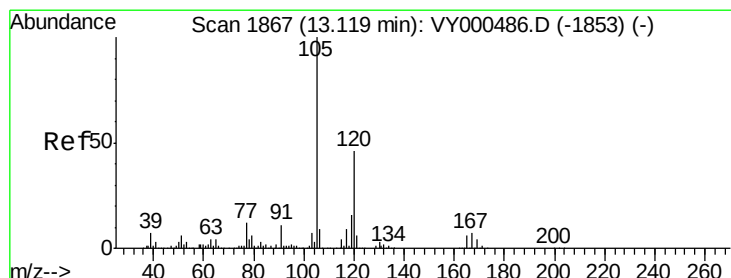
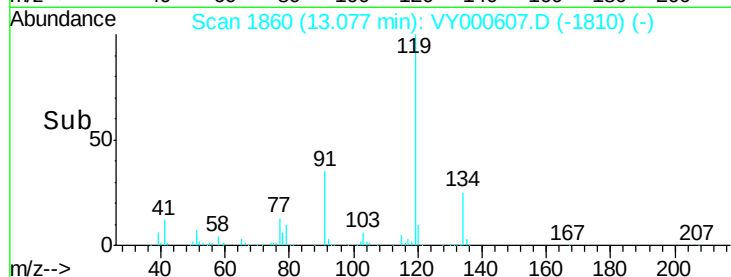
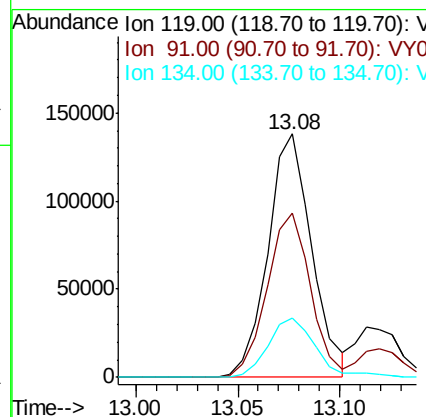
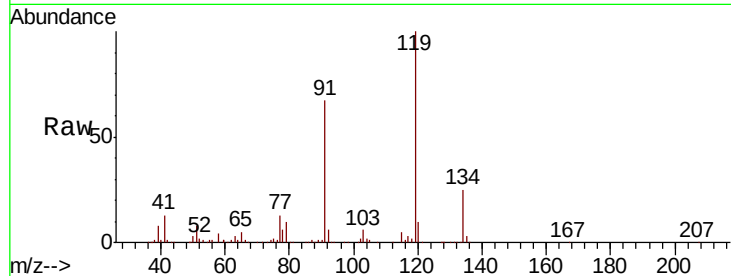
#83
 tert-Butylbenzene
 Concen: 19.896 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.7	32.1	96.3
134	26.6	13.2	39.5

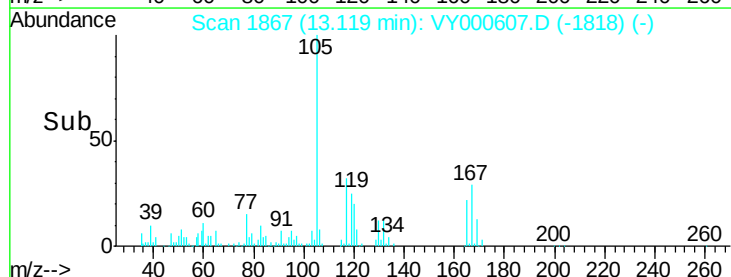
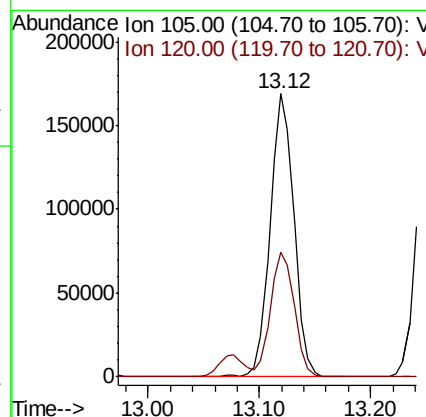
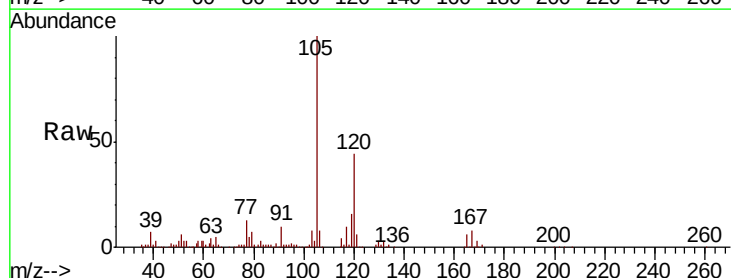
Manual Integrations
 APPROVED

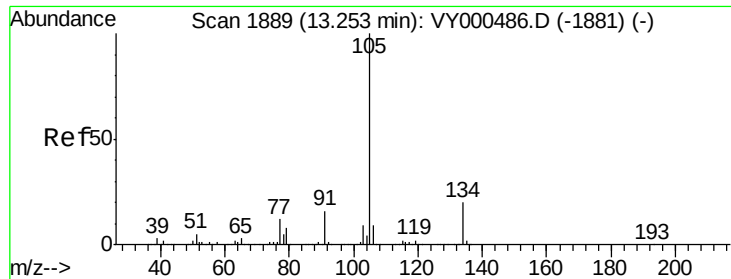
MMDadoda
 11/13/2019 11:05:49 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.805 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	23.3	69.9





#85

sec-Butylbenzene

Concen: 20.483 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1108SBS01

Tot Ion:105 Resp: 303286

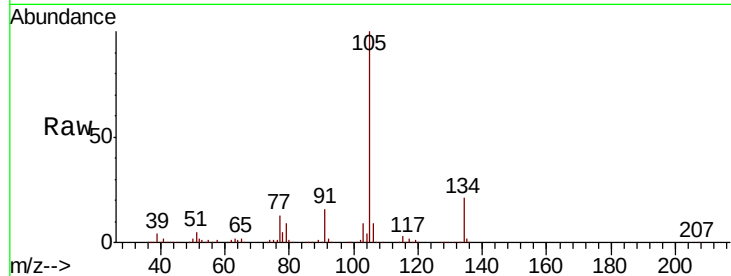
Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1

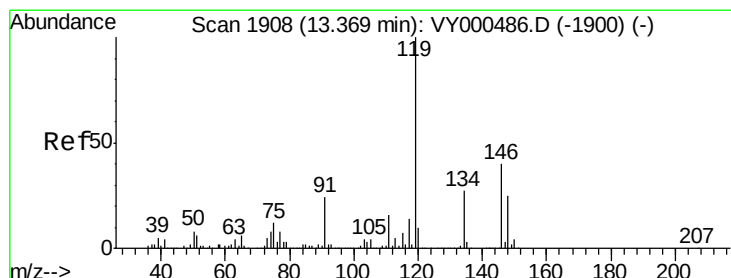
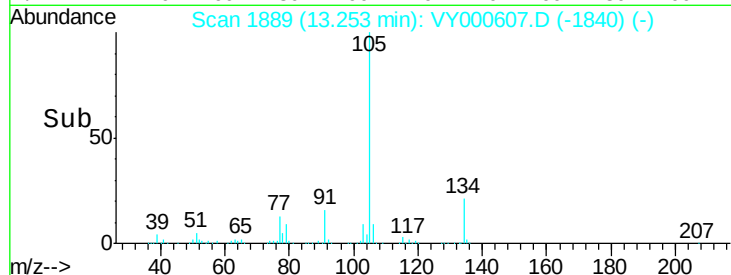
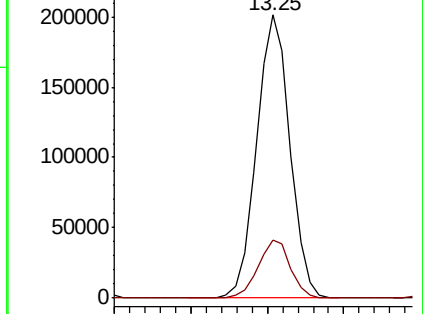
Manual Integrations
APPROVED

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11/13/2019 11:05:49 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.429 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000607.D

Acq: 08 Nov 2019 11:31

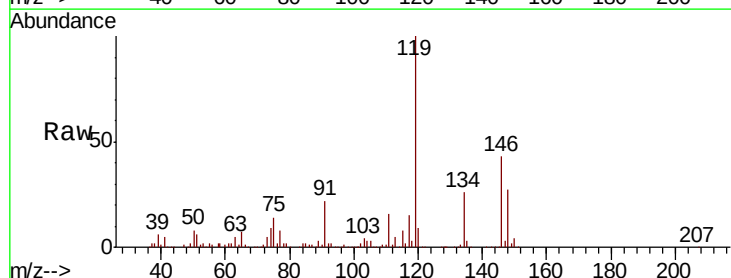
Tgt Ion:119 Resp: 269599

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

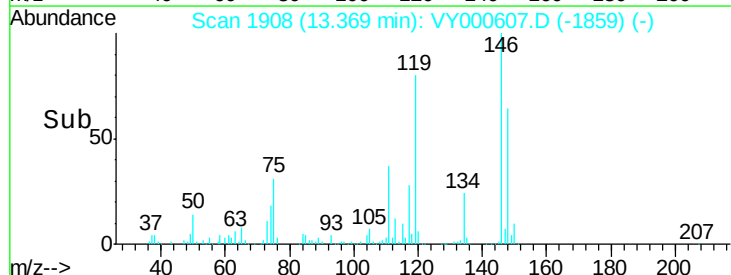
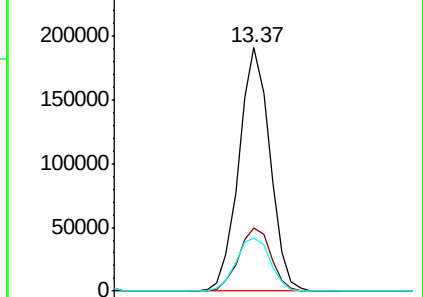
91 24.1 12.0 36.1

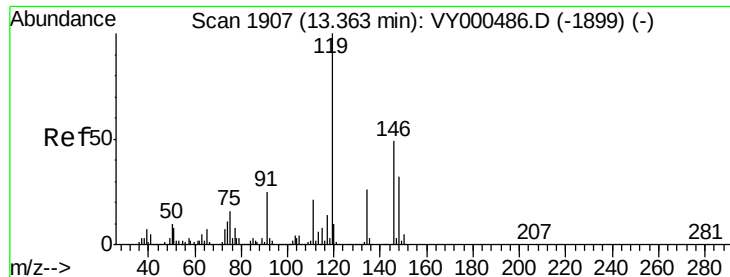


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





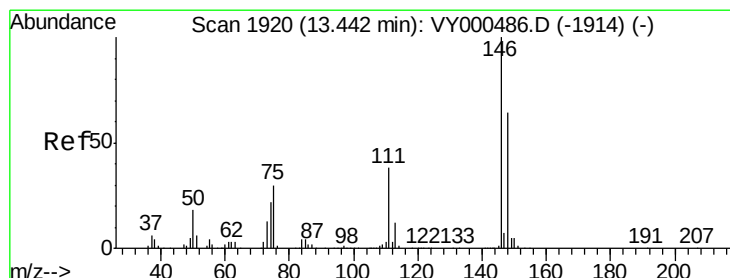
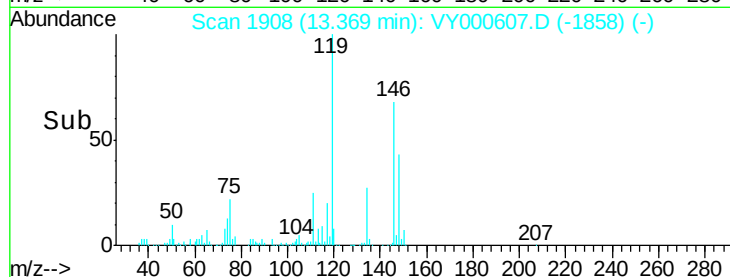
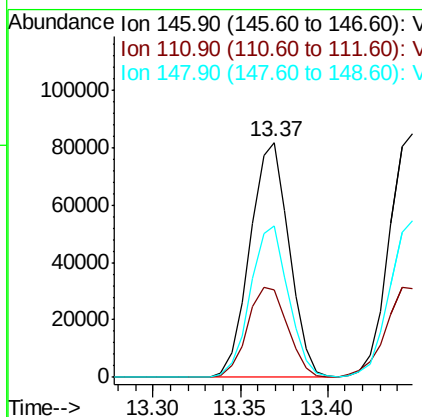
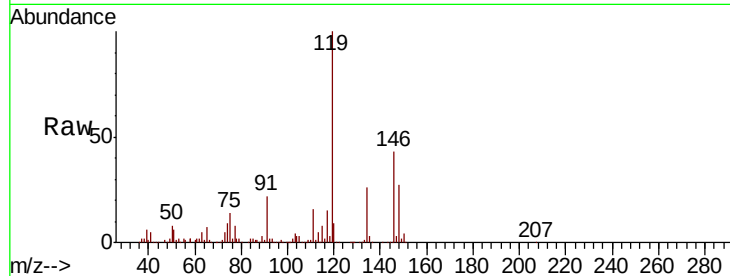
#87
 1,3-Dichlorobenzene
 Concen: 19.618 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.3	60.8
148	62.7	31.5	94.5

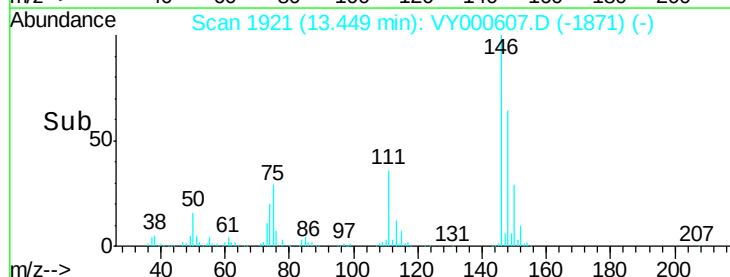
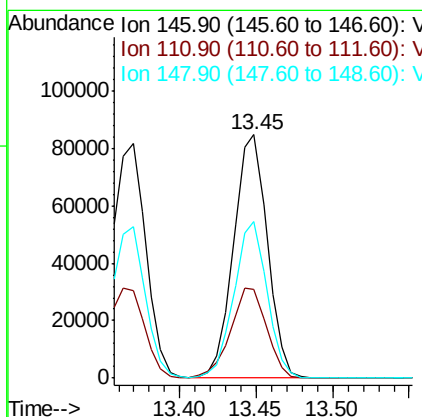
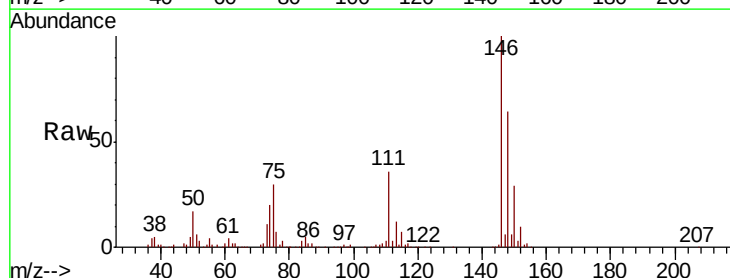
Manual Integrations
 APPROVED

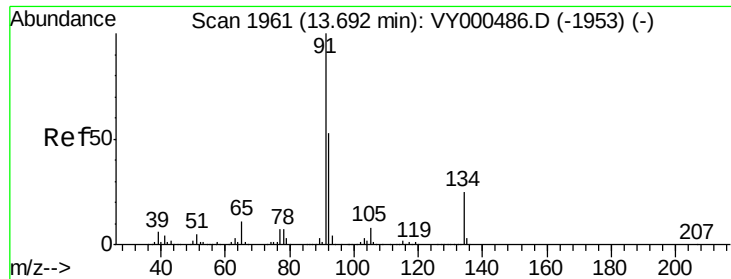
MMDadoda
 11/13/2019 11:05:49 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.028 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.0
148	62.8	31.9	95.7





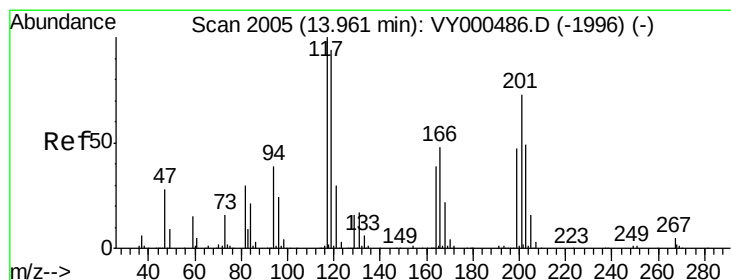
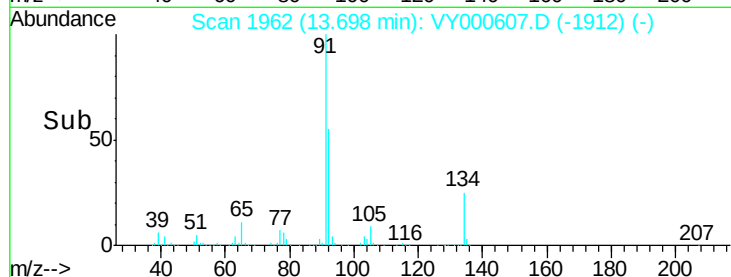
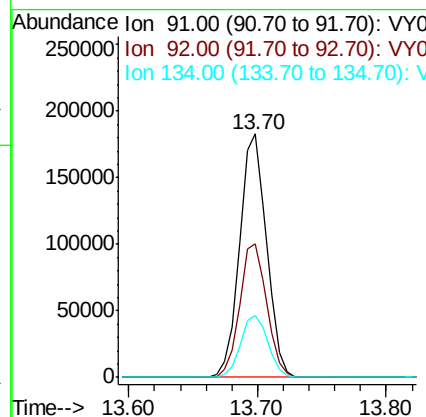
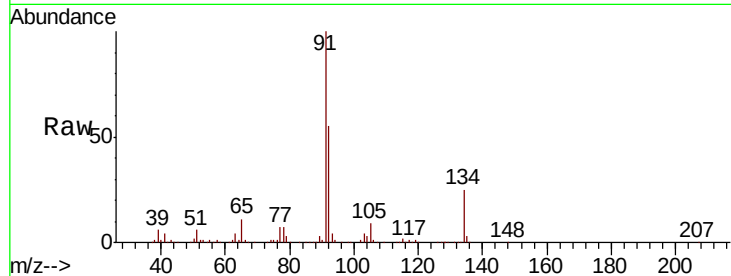
#89
n-Butylbenzene
Concen: 20.294 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	26.8	80.3
134	25.7	12.9	38.7

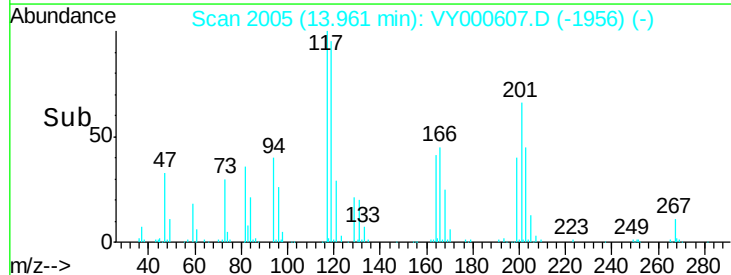
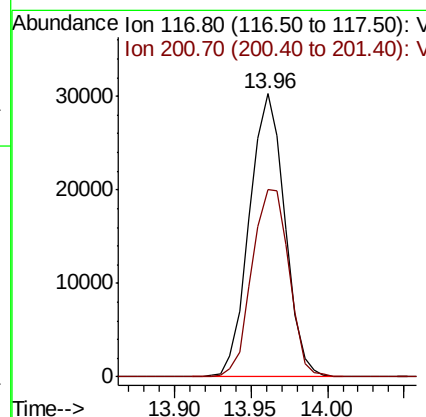
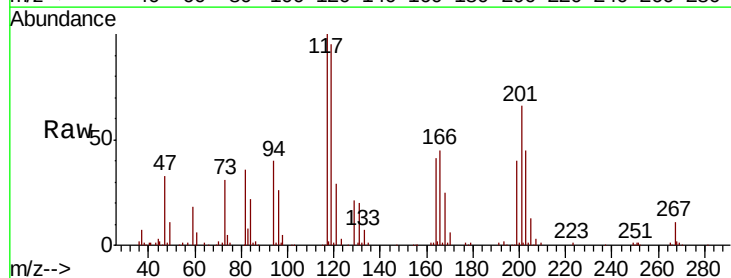
Manual Integrations
APPROVED

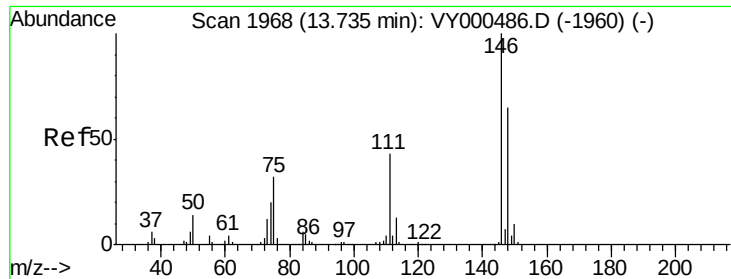
MMDadoda
11/13/2019 11:05:49 AM



#90
Hexachloroethane
Concen: 20.028 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.5	35.8	107.3





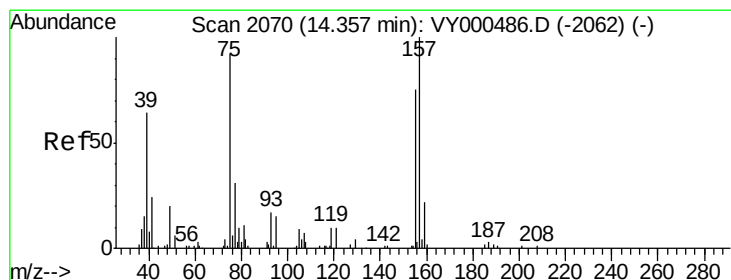
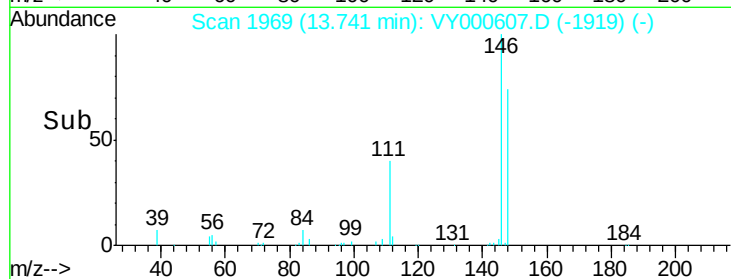
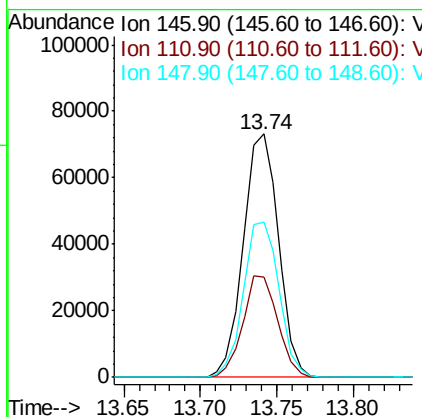
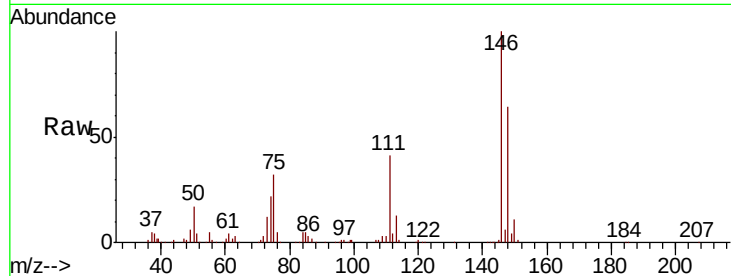
#91
 1,2-Dichlorobenzene
 Concen: 19.897 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.5	61.5
148	64.6	31.7	95.1

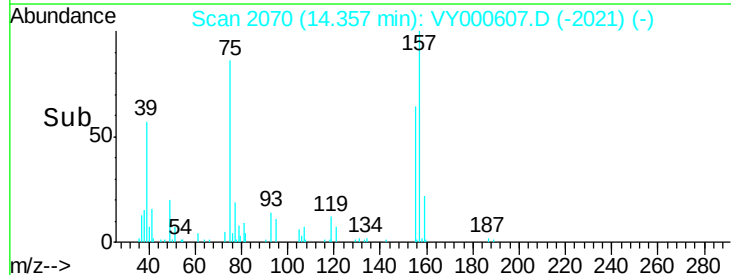
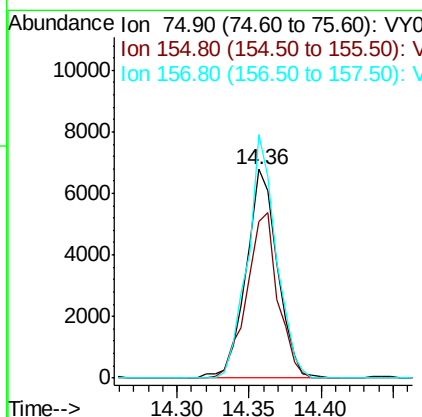
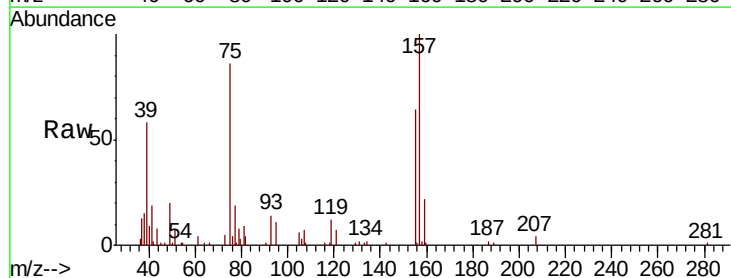
Manual Integrations
 APPROVED

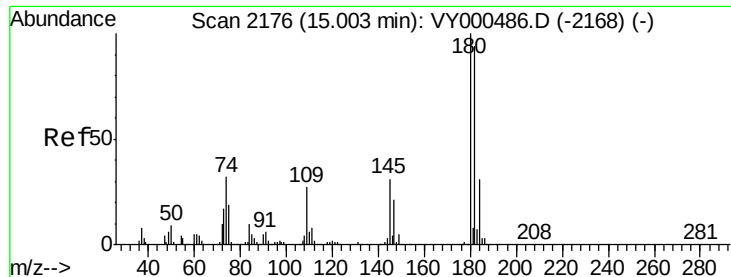
MMDadoda
 11/13/2019 11:05:49 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.848 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.8	42.4	127.1
157	106.1	55.1	165.3





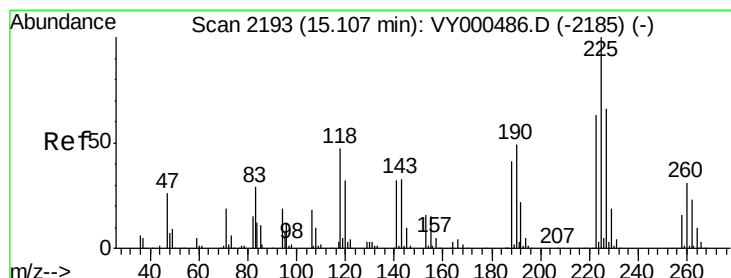
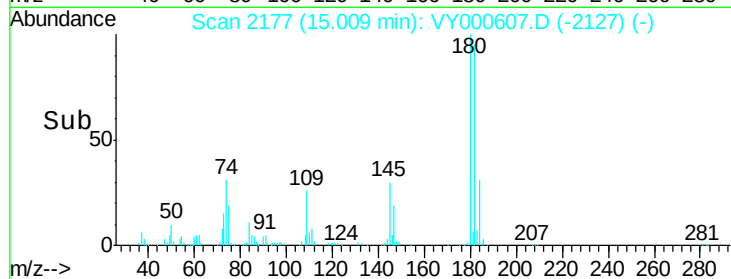
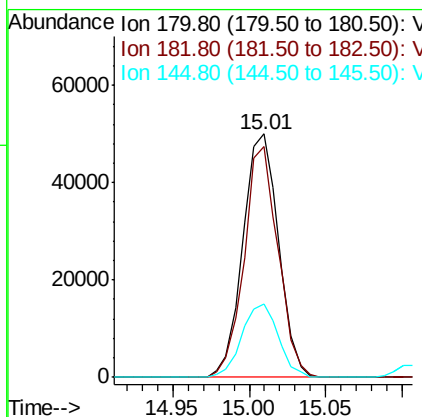
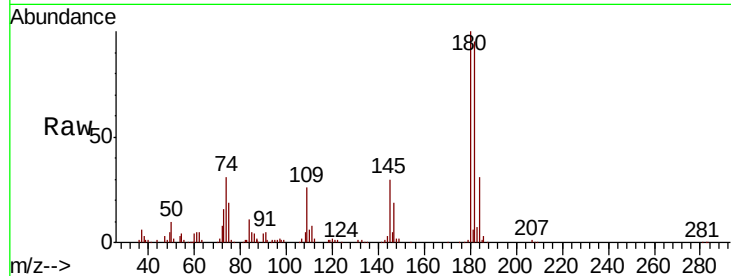
#93
 1,2,4-Trichlorobenzene
 Concen: 20.172 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1108SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	80898		
182	90.6	47.8	143.4	
145	30.9	16.0	47.9	

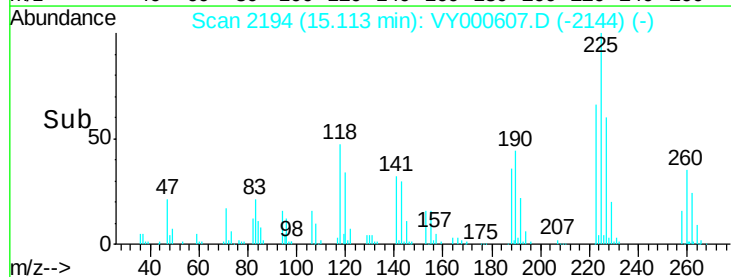
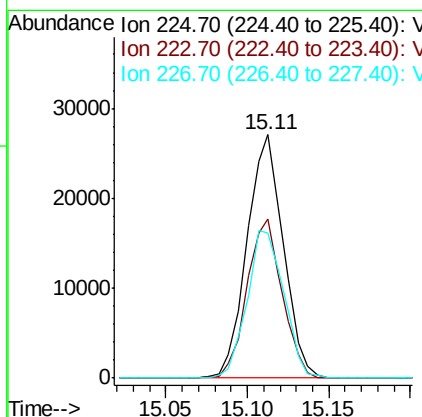
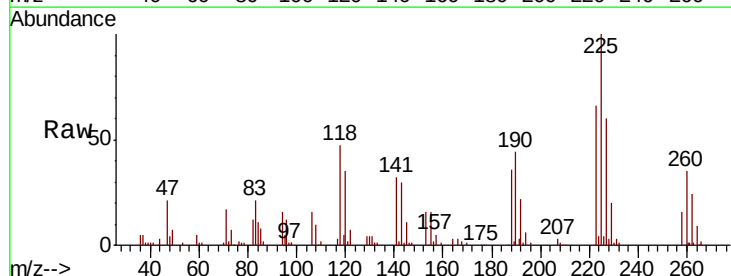
Manual Integrations
 APPROVED

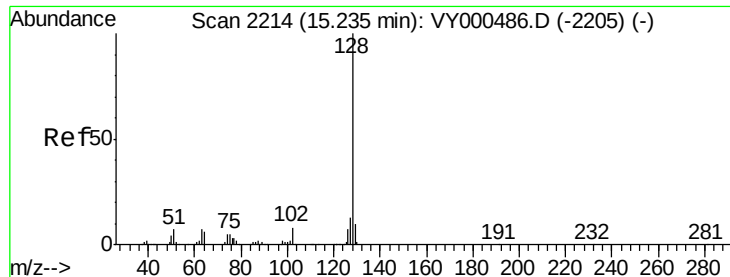
MMDadoda
 11/13/2019 11:05:49 AM



#94
 Hexachlorobutadiene
 Concen: 20.271 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000607.D
 Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	41905		
223	63.7	31.3	93.8	
227	61.9	32.4	97.0	





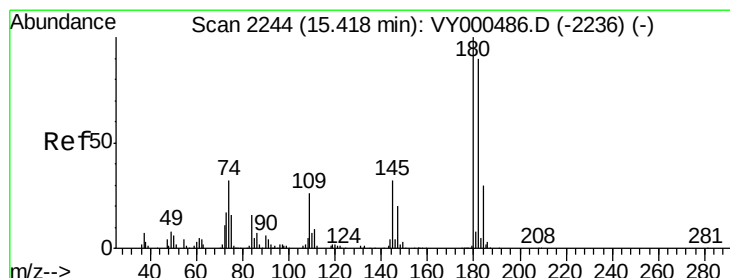
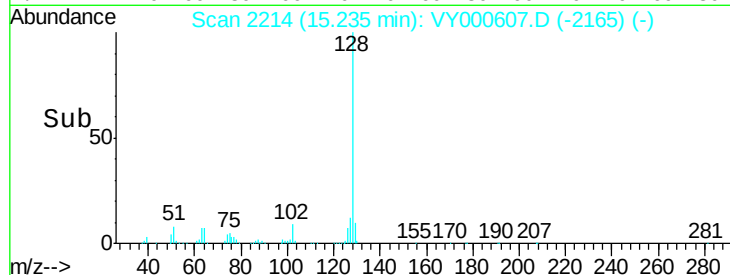
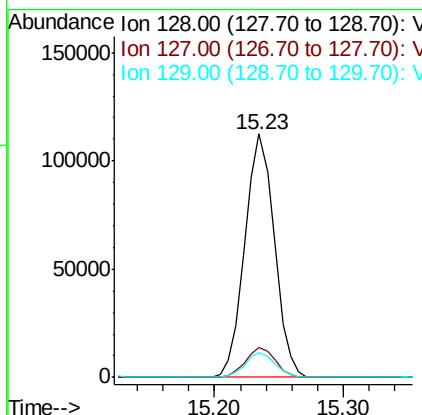
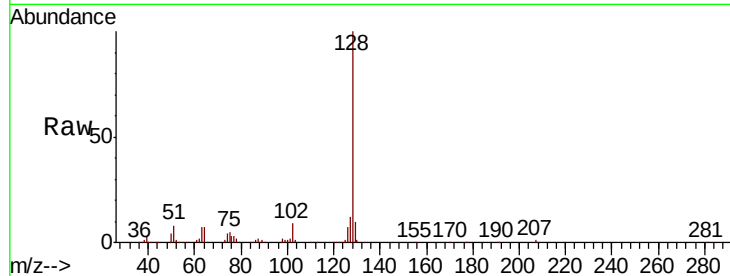
#95
Naphthalene
Concen: 19.962 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1108SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	177713		
127	12.3		9.8	14.6
129	10.5		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/13/2019 11:05:49 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.867 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000607.D
Acq: 08 Nov 2019 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	71479		
182	94.0		47.4	142.3
145	32.9		15.7	47.0

