

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000569.D
 Acq On : 07 Nov 2019 11:01
 Operator : SY/MD
 Sample : VY1107SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 4:07:34 PM

Quant Time: Nov 08 03:59:00 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	282599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	480863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	431293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	207802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	155766	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	7.73	113	137979	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
50) Toluene-d8	10.19	98	564636	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.48	95	201324	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	55336	19.892	ug/l	97
3) Chloromethane	2.12	50	75887	19.802	ug/l	99
4) Vinyl Chloride	2.26	62	72620	20.406	ug/l	97
5) Bromomethane	2.65	94	48962	22.944	ug/l	99
6) Chloroethane	2.79	64	45622	20.484	ug/l	94
7) Trichlorofluoromethane	3.13	101	106717	22.205	ug/l	94
8) Diethyl Ether	3.54	74	37288	21.836	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	63776	21.950	ug/l	94
10) Methyl Iodide	4.10	142	65470	19.223	ug/l	98
11) Tert butyl alcohol	4.99	59	27038	94.975	ug/l #	94
12) 1,1-Dichloroethene	3.88	96	61335	21.728	ug/l	97
13) Acrolein	3.74	56	20458	82.500	ug/l	94
14) Allyl chloride	4.49	41	105433	22.970	ug/l	97
15) Acrylonitrile	5.18	53	97314	111.244	ug/l	99
16) Acetone	3.97	43	74490	92.415	ug/l	92
17) Carbon Disulfide	4.20	76	185405	20.824	ug/l	100
18) Methyl Acetate	4.49	43	50509	20.153	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	167889	21.391	ug/l	98
20) Methylene Chloride	4.72	84	76911	22.269	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	67863	21.265	ug/l	96
22) Diisopropyl ether	6.13	45	221749	22.226	ug/l	99
23) Vinyl Acetate	6.07	43	700969	111.302	ug/l	97
24) 1,1-Dichloroethane	6.03	63	119582	22.125	ug/l	99
25) 2-Butanone	7.00	43	128190	99.652	ug/l	98
26) 2,2-Dichloropropane	6.99	77	108530	21.973	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	77202	22.123	ug/l	97
28) Bromochloromethane	7.35	49	29763	15.179	ug/l	94
29) Tetrahydrofuran	7.36	42	81466	103.520	ug/l	98
30) Chloroform	7.52	83	117455	21.482	ug/l	94
31) Cyclohexane	7.80	56	124658	22.021	ug/l #	93
32) 1,1,1-Trichloroethane	7.71	97	107035	21.965	ug/l	98
36) 1,1-Dichloropropene	7.93	75	98489	21.666	ug/l	99
37) Ethyl Acetate	7.09	43	56671	20.998	ug/l	97
38) Carbon Tetrachloride	7.91	117	91674	20.958	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	123954	21.106	ug/l	98
40) Benzene	8.17	78	278315	20.883	ug/l	100
41) Methacrylonitrile	7.33	41	27711m	18.405	ug/l	
42) 1,2-Dichloroethane	8.25	62	82552	21.839	ug/l	99
43) Isopropyl Acetate	8.28	43	108045	21.311	ug/l	99
44) Trichloroethene	8.95	130	73624	20.952	ug/l	95
45) 1,2-Dichloropropane	9.22	63	71182	21.701	ug/l	93
46) Dibromomethane	9.32	93	37172	20.606	ug/l	99
47) Bromodichloromethane	9.50	83	90192	21.071	ug/l	99
48) Methyl methacrylate	9.30	41	47386	21.392	ug/l	96
49) 1,4-Dioxane	9.31	88	8801	362.505	ug/l #	79
51) 4-Methyl-2-Pentanone	10.08	43	284785	105.651	ug/l	99
52) Toluene	10.25	92	177837	21.106	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	96437	21.086	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	112021	21.380	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	55229	21.167	ug/l	96
56) Ethyl methacrylate	10.51	69	78835	21.318	ug/l	99
57) 1,3-Dichloropropane	10.80	76	97239	21.293	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	164646	98.481	ug/l	99
59) 2-Hexanone	10.84	43	202751	103.237	ug/l	100
60) Dibromochloromethane	10.99	129	61232	20.488	ug/l	99
61) 1,2-Dibromoethane	11.10	107	52038	20.743	ug/l	96
64) Tetrachloroethene	10.72	164	73931	20.731	ug/l	96
65) Chlorobenzene	11.52	112	184787	21.132	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	65967	21.752	ug/l	98
67) Ethyl Benzene	11.60	91	348208	21.637	ug/l	96
68) m/p-Xylenes	11.70	106	261249	41.942	ug/l	96
69) o-Xylene	12.03	106	122214	20.877	ug/l	98
70) Styrene	12.05	104	206027	20.553	ug/l	98
71) Bromoform	12.21	173	35601	20.410	ug/l #	100
73) Isopropylbenzene	12.33	105	333514	21.716	ug/l	99
74) N-amyl acetate	12.14	43	97030	22.060	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	65262	21.461	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	41973m	17.739	ug/l	
77) Bromobenzene	12.61	156	72976	20.953	ug/l	96
78) n-propylbenzene	12.67	91	402417	21.716	ug/l	99
79) 2-Chlorotoluene	12.75	91	227594	22.123	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	278964	21.809	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	22256	21.090	ug/l	95
82) 4-Chlorotoluene	12.86	91	237740	22.294	ug/l	97
83) tert-Butylbenzene	13.08	119	239002	21.884	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	282386	22.173	ug/l	96
85) sec-Butylbenzene	13.25	105	341533	21.949	ug/l	99
86) p-Isopropyltoluene	13.37	119	300149	21.643	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	144836	21.232	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	144663	21.222	ug/l	98
89) n-Butylbenzene	13.70	91	296692	21.691	ug/l	99
90) Hexachloroethane	13.96	117	56313	21.965	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	132300	21.375	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11662	21.669	ug/l	97

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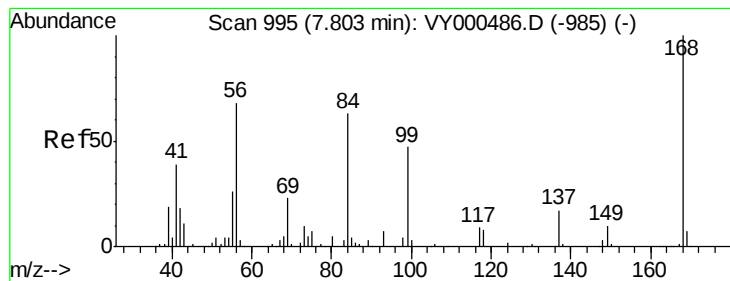
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	88785	21.067	ug/l	99
94) Hexachlorobutadiene	15.11	225	46265	21.297	ug/l	98
95) Naphthalene	15.23	128	198486	21.216	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	79716	21.084	ug/l	98

(#) = 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: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion:168 Resp: 282599

Ion Ratio Lower Upper

168 100

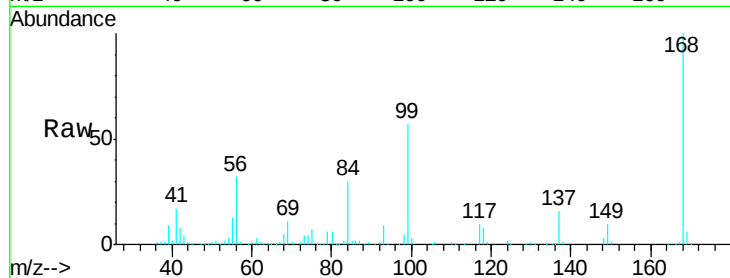
99 56.6 45.7 68.5

Manual Integrations

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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

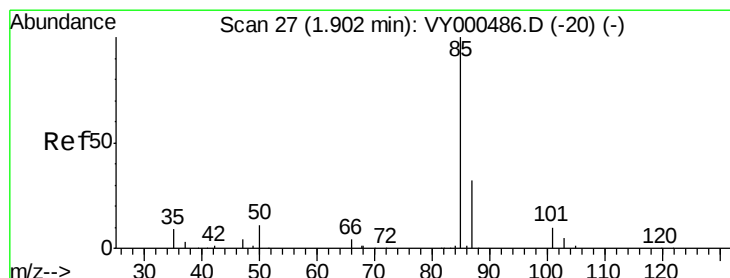
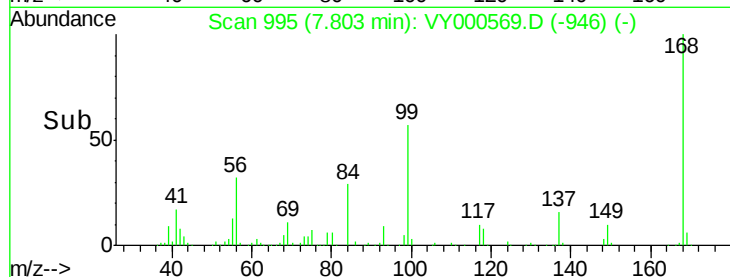
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.892 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000569.D

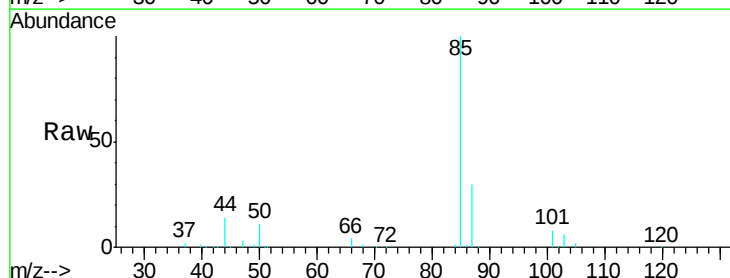
Acq: 07 Nov 2019 11:01

Tgt Ion: 85 Resp: 55336

Ion Ratio Lower Upper

85 100

87 30.2 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

40000

30000

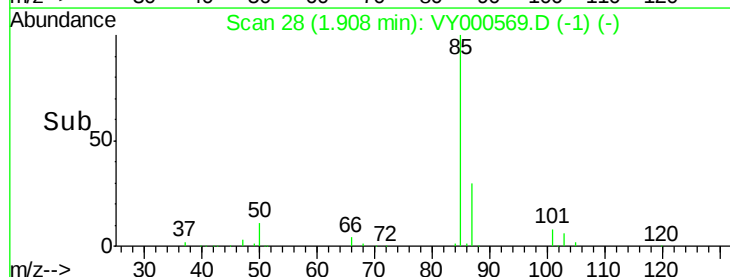
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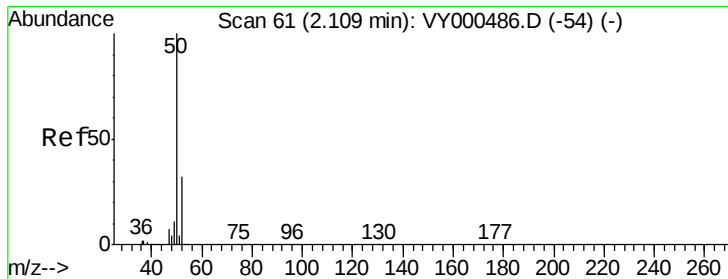
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 19.802 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 50 Resp: 75887

Ion Ratio Lower Upper

50 100

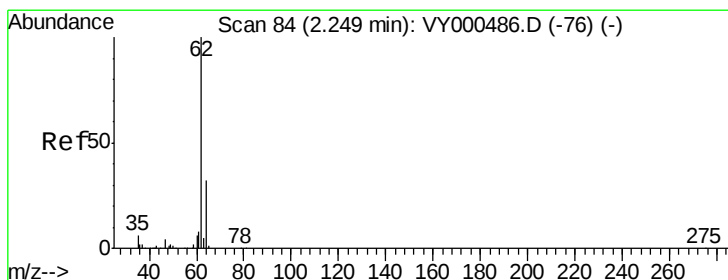
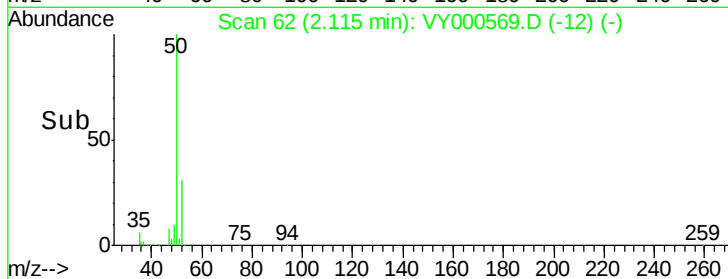
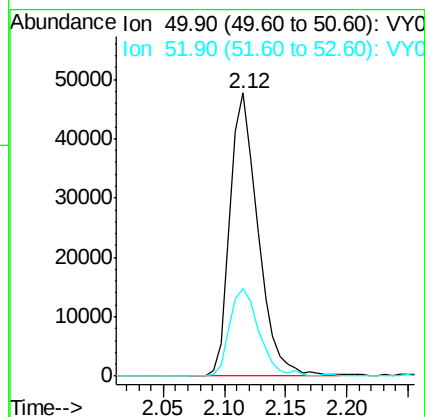
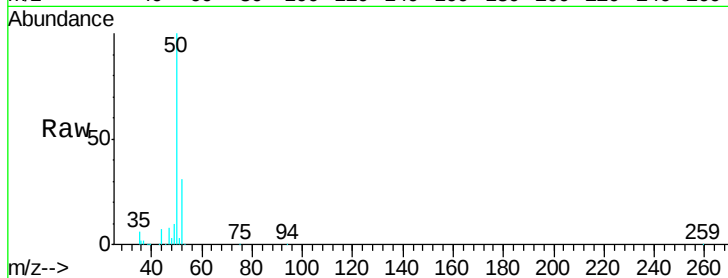
52 31.1 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.406 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000569.D

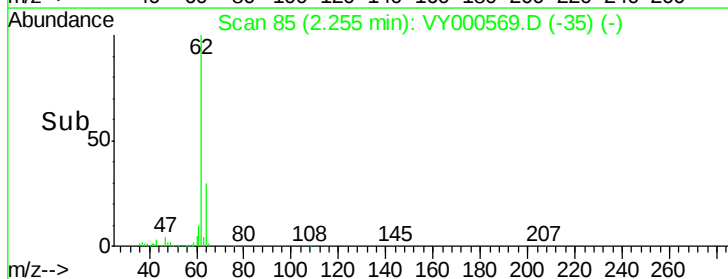
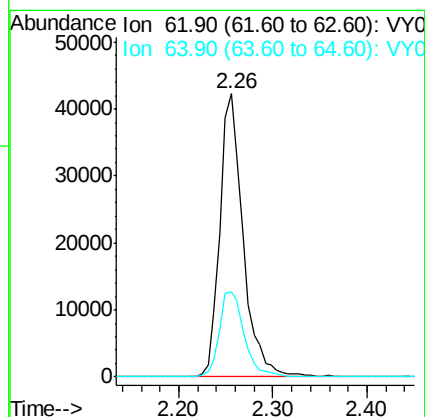
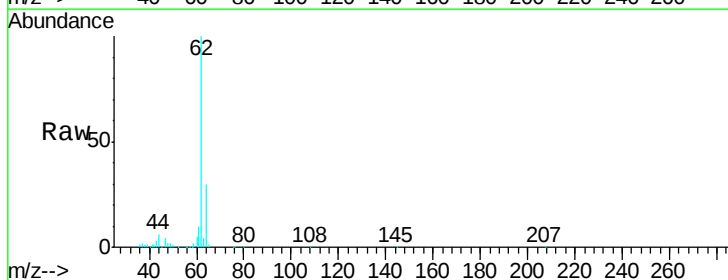
Acq: 07 Nov 2019 11:01

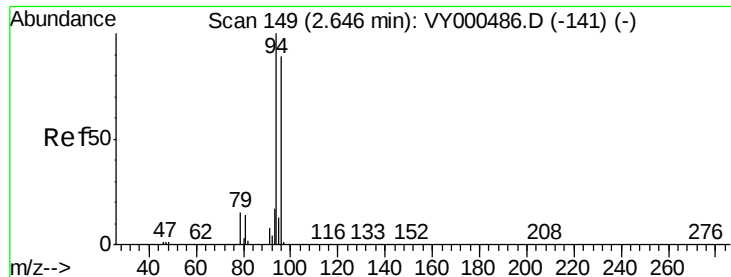
Tgt Ion: 62 Resp: 72620

Ion Ratio Lower Upper

62 100

64 30.0 25.2 37.8





#5

Bromomethane

Concen: 22.944 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 94 Resp: 48962

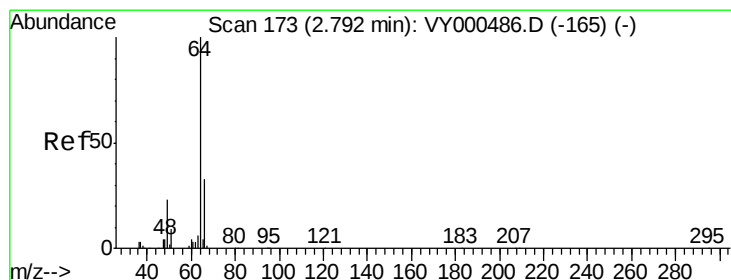
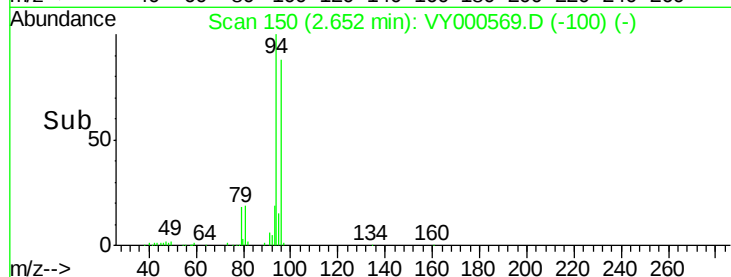
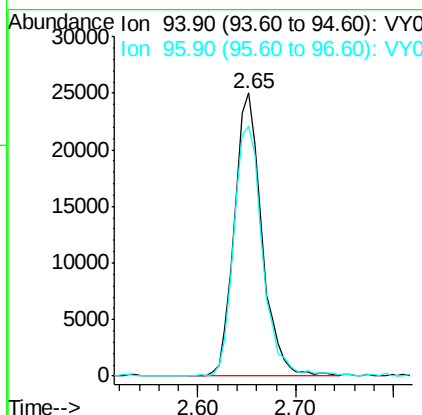
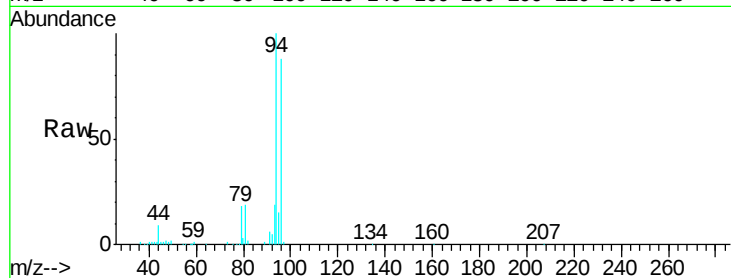
Ion Ratio Lower Upper

94 100

96 88.5 71.2 106.8

Manual Integrations
APPROVED

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#6

Chloroethane

Concen: 20.484 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000569.D

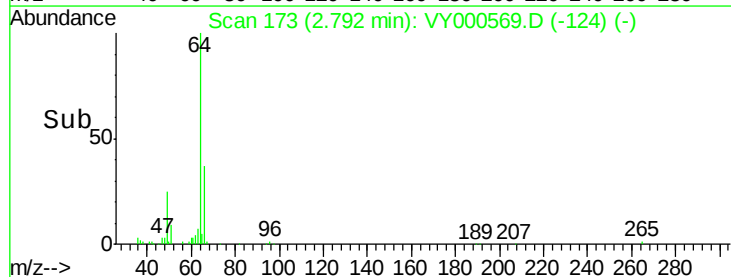
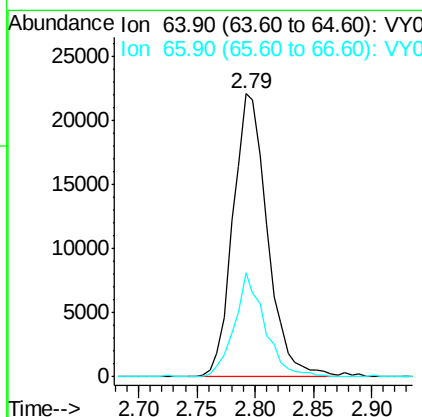
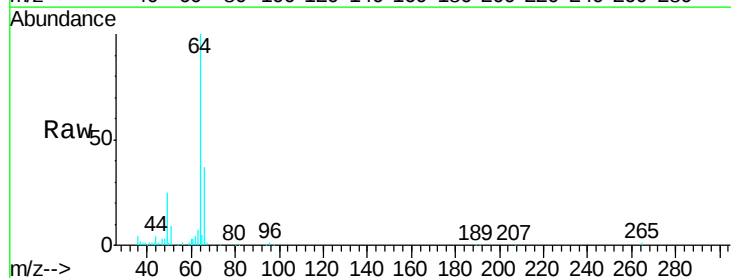
Acq: 07 Nov 2019 11:01

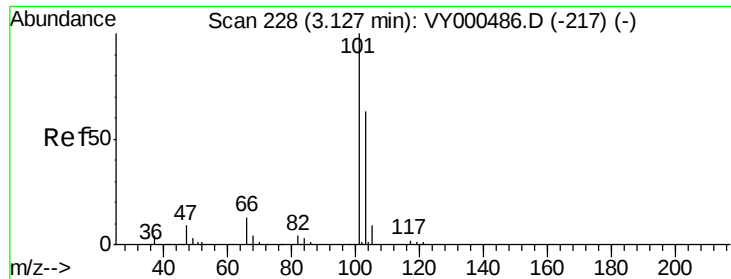
Tgt Ion: 64 Resp: 45622

Ion Ratio Lower Upper

64 100

66 36.9 26.6 40.0





#7

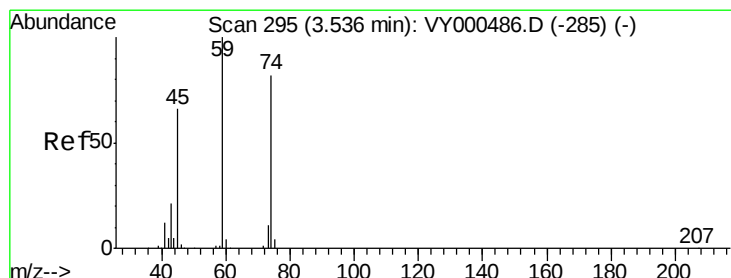
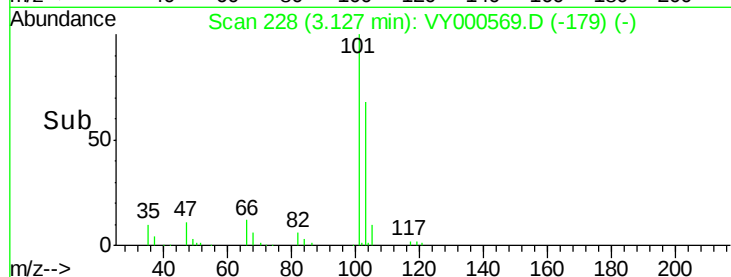
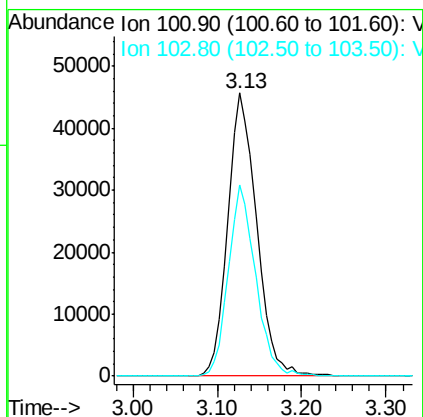
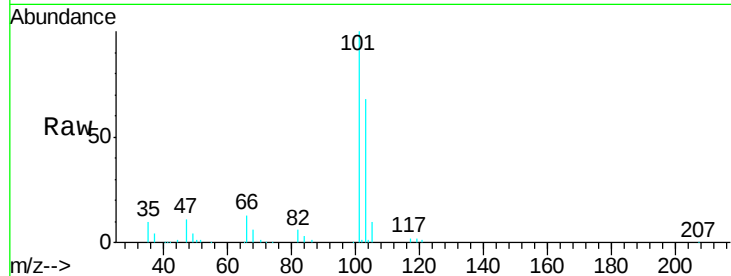
Trichlorofluoromethane
 Concen: 22.205 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	106717		
103	67.7	50.5	75.7	

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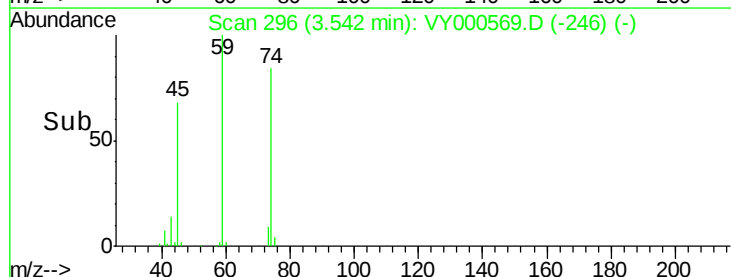
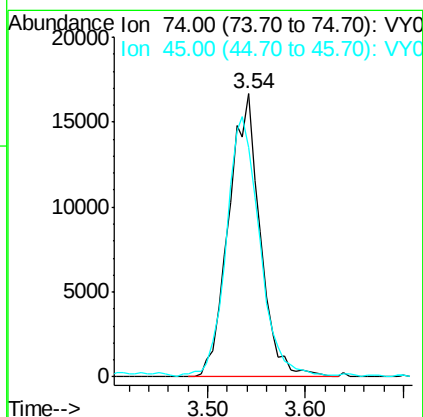
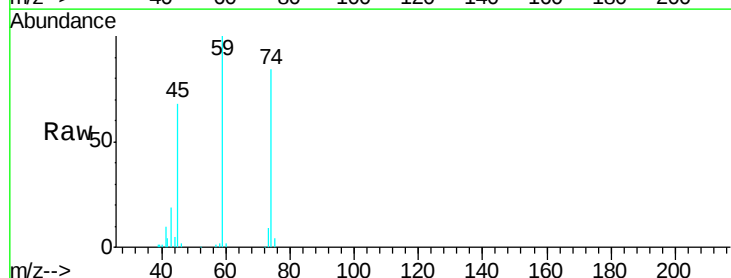
MMDadoda
 11/8/2019 4:07:34 PM

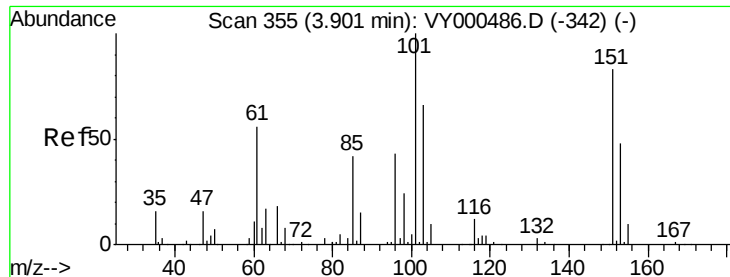


#8

Diethyl Ether
 Concen: 21.836 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	37288		
45	96.2	45.5	136.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.950 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

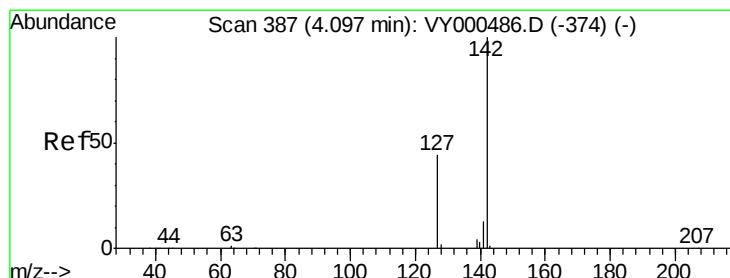
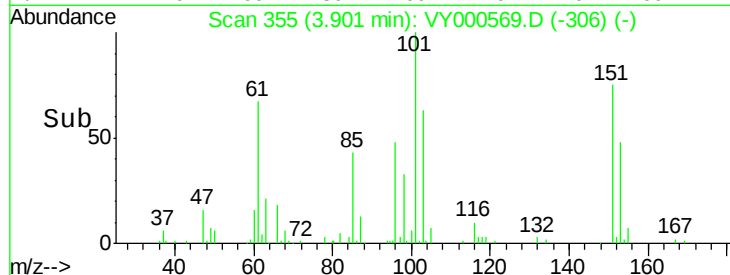
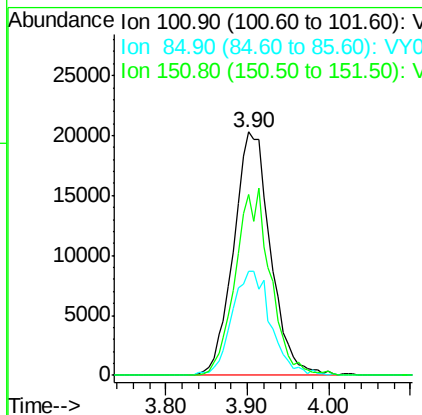
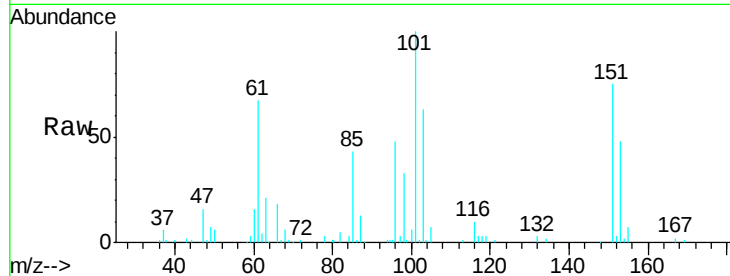
ClientSampleId :

VY1107SBS01

Tgt Ion:	101	Resp:	63776
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.7	55.1
151	72.9	64.3	96.5

Manual Integrations
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#10

Methyl Iodide

Concen: 19.223 ug/l

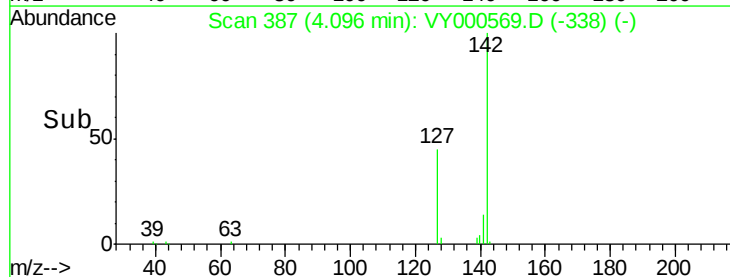
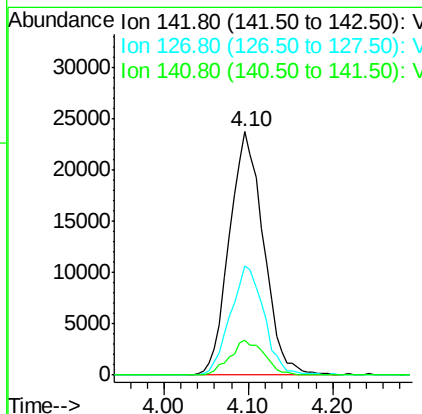
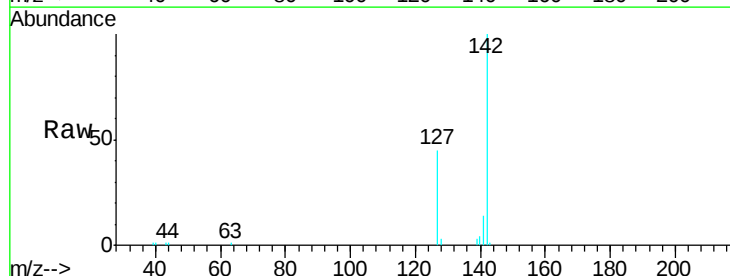
RT: 4.10 min Scan# 387

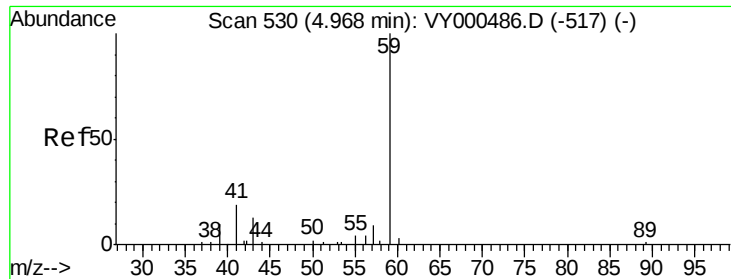
Delta R.T. 0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Tgt Ion:	142	Resp:	65470
Ion Ratio	Lower	Upper	
142	100		
127	43.7	33.7	50.5
141	14.4	10.9	16.3





#11

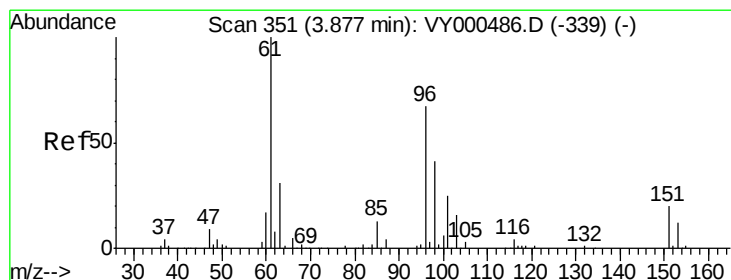
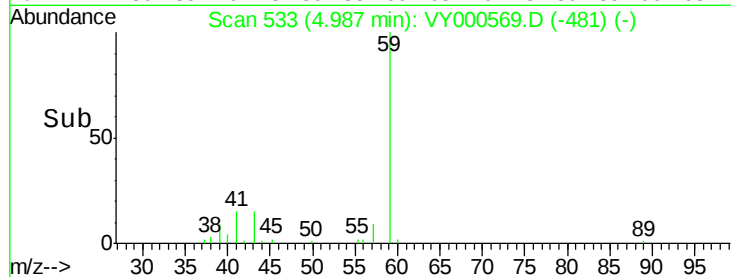
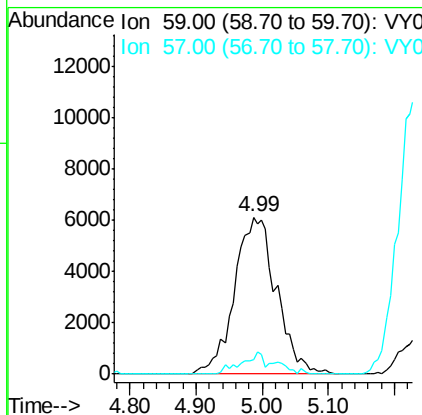
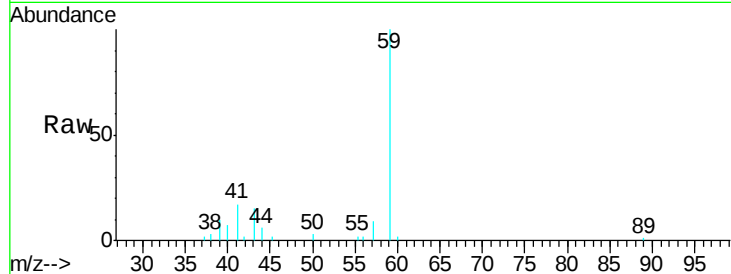
Tert butyl alcohol
 Concen: 94.975 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.3	8.6	12.8#

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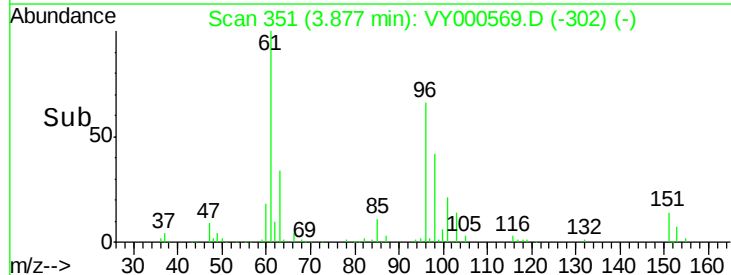
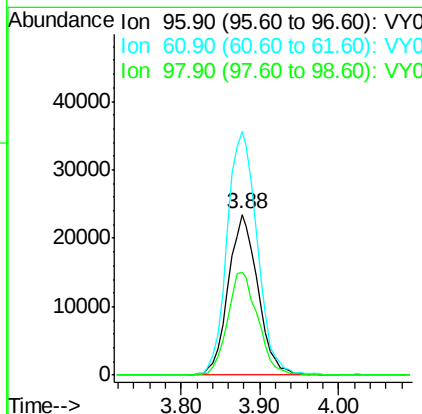
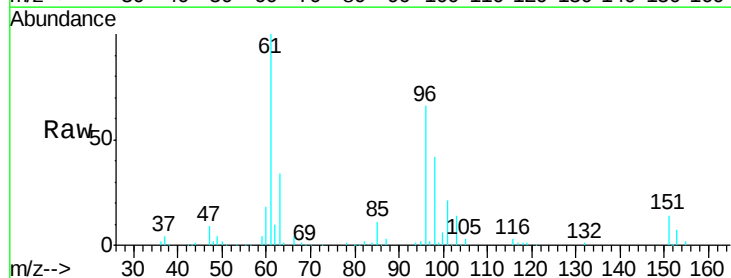
MMDadoda
 11/8/2019 4:07:34 PM

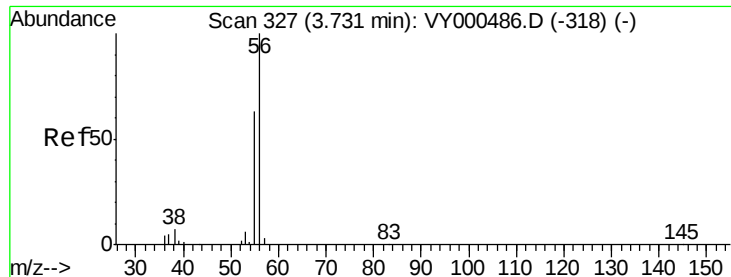


#12

1,1-Dichloroethene
 Concen: 21.728 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.6	119.2	178.8
98	63.9	48.6	73.0





#13

Acrolein

Concen: 82.500 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 56 Resp: 20458

Ion Ratio Lower Upper

56 100

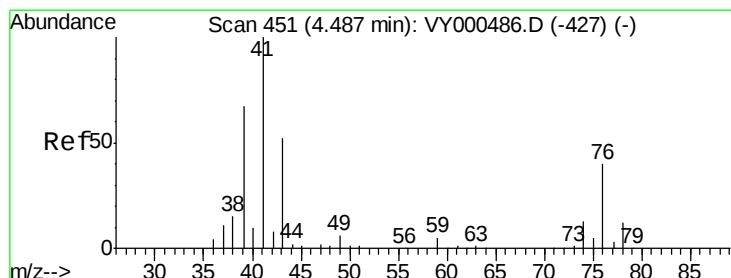
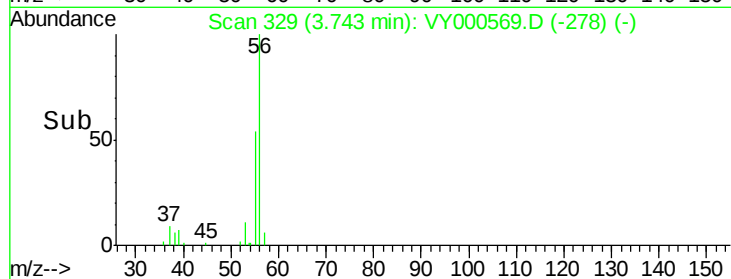
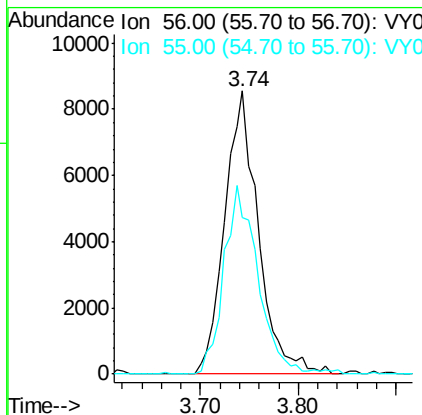
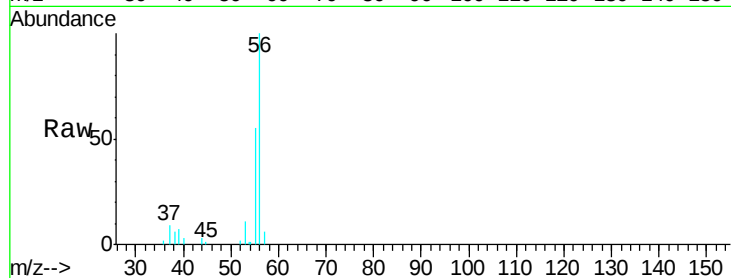
55 66.6 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 22.970 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

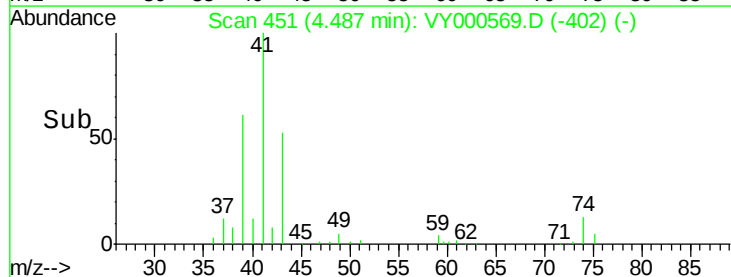
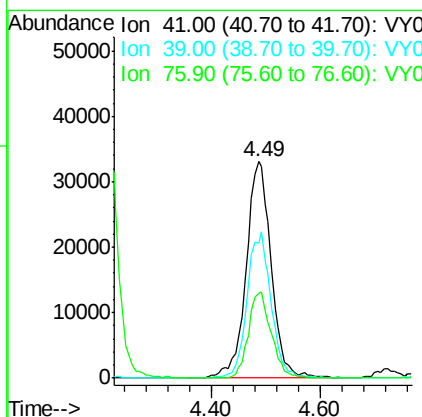
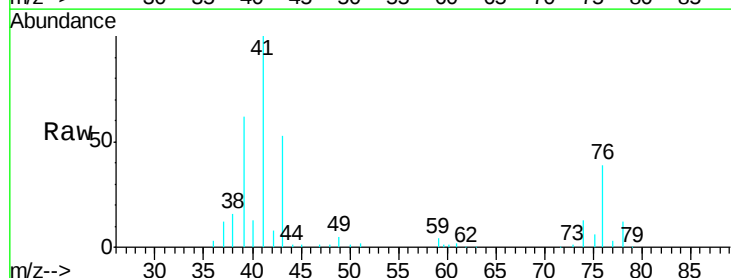
Tgt Ion: 41 Resp: 105433

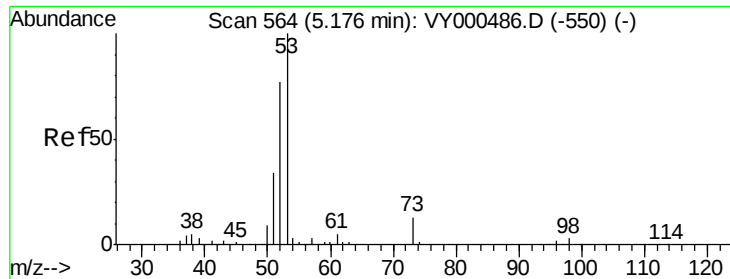
Ion Ratio Lower Upper

41 100

39 64.7 53.6 80.4

76 36.1 29.8 44.6





#15

Acrylonitrile

Concen: 111.244 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

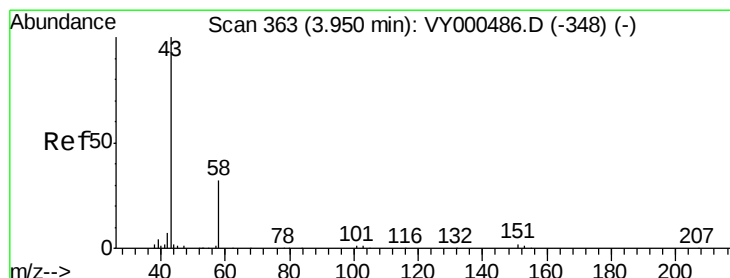
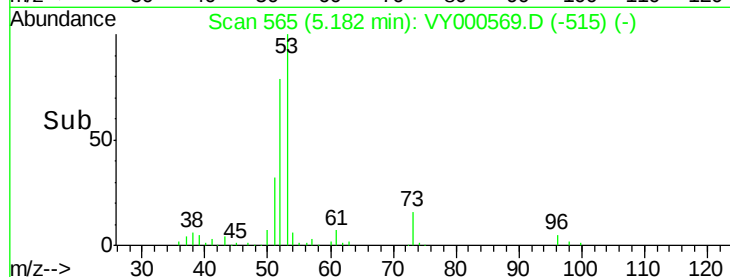
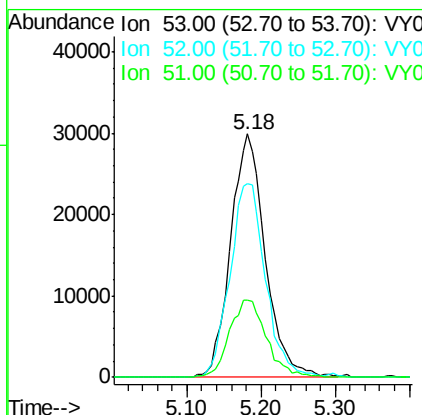
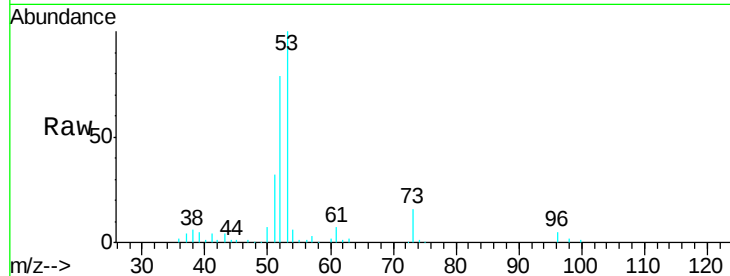
ClientSampleId :

VY1107SBS01

Tgt Ion:	53	Resp:	97314
Ion	Ratio	Lower	Upper
53	100		
52	81.8	64.9	97.3
51	34.3	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 92.415 ug/l

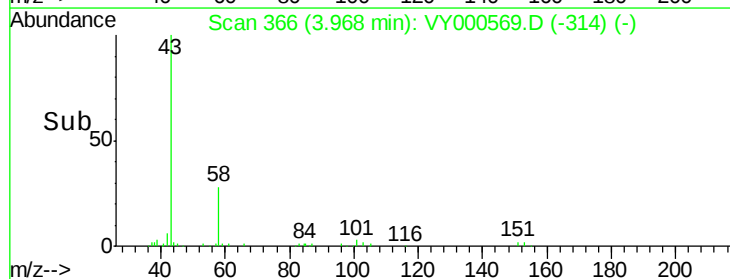
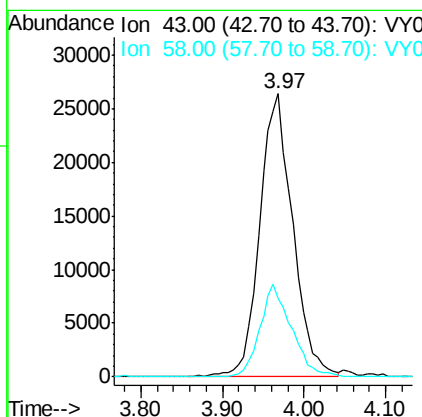
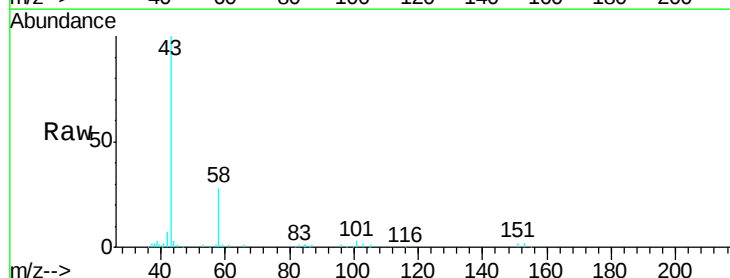
RT: 3.97 min Scan# 366

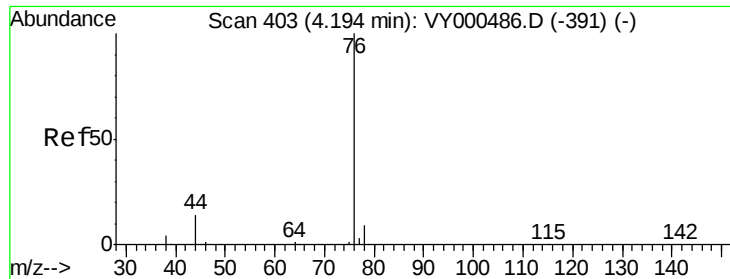
Delta R.T. 0.02 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Tgt Ion:	43	Resp:	74490
Ion	Ratio	Lower	Upper
43	100		
58	27.8	25.8	38.6





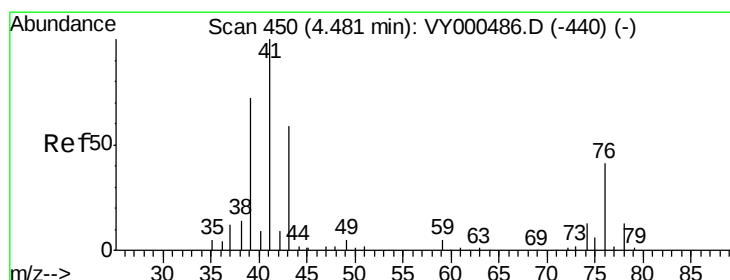
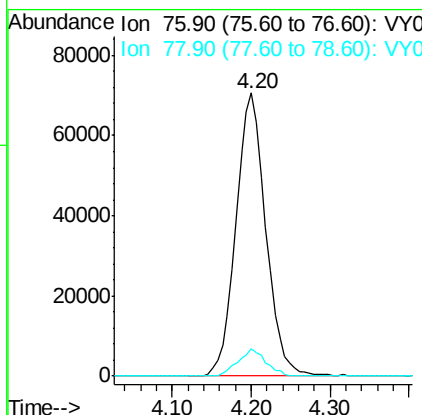
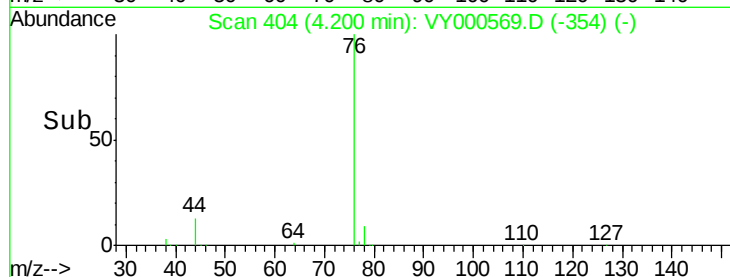
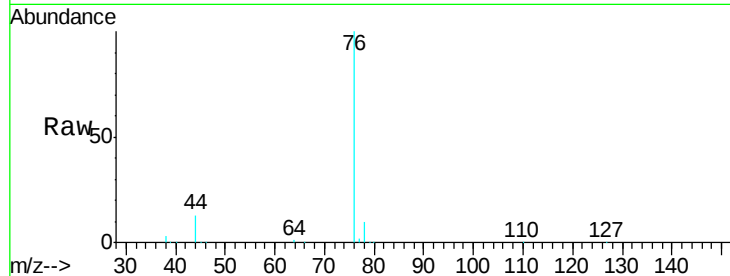
#17
Carbon Disulfide
Concen: 20.824 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 76 Resp: 185405
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

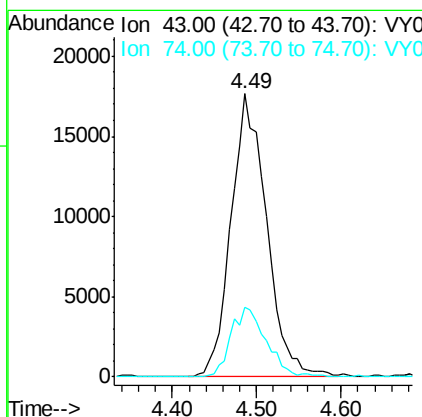
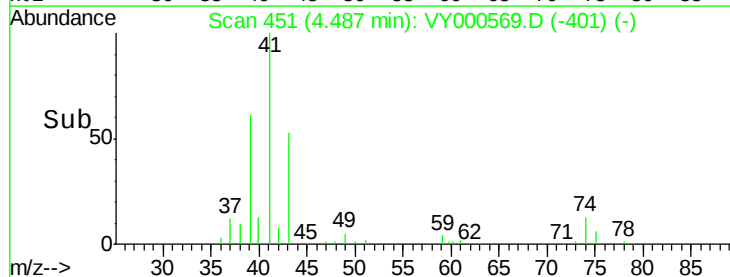
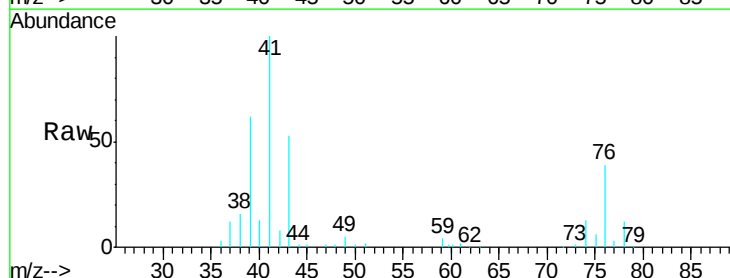
Manual Integrations
APPROVED

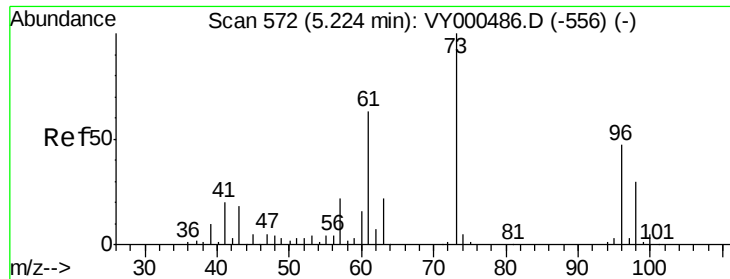
MMDadoda
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#18
Methyl Acetate
Concen: 20.153 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion: 43 Resp: 50509
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8





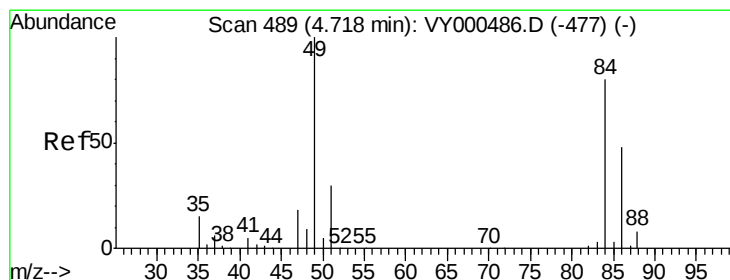
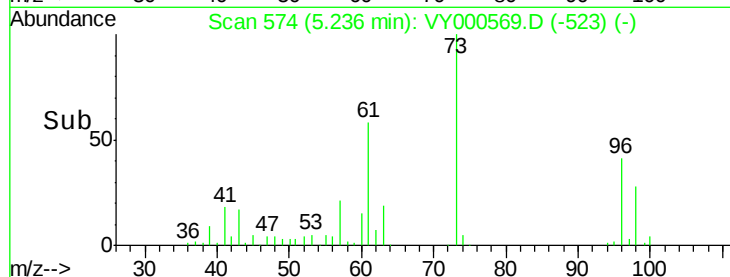
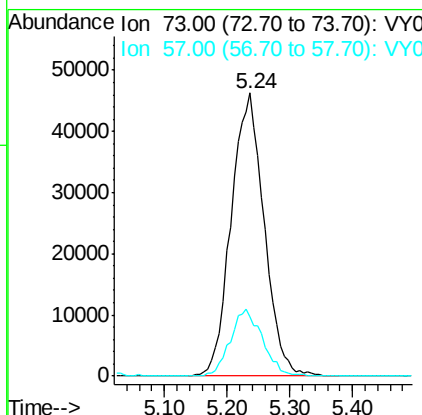
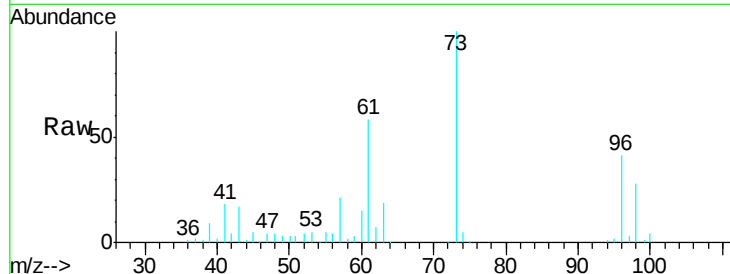
#19
Methyl tert-butyl Ether
Concen: 21.391 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 73 Resp: 167889
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.0

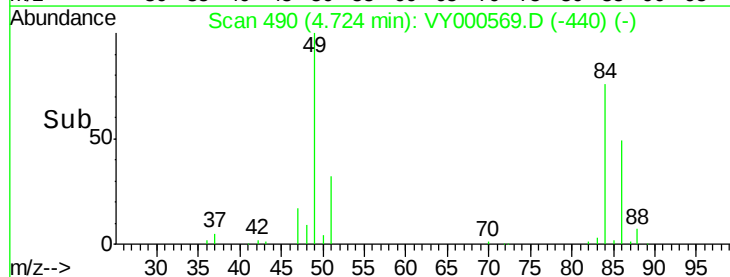
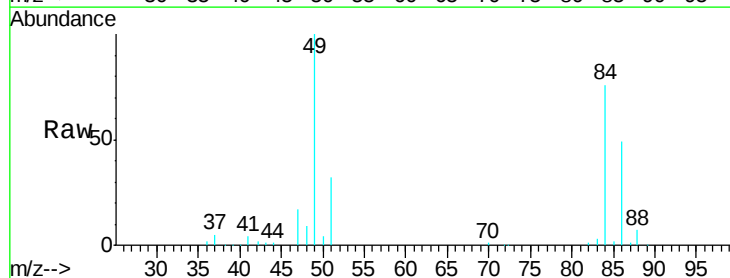
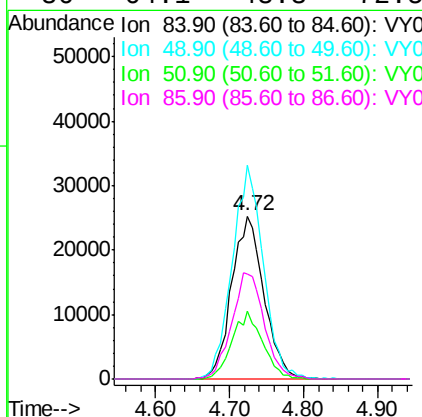
Manual Integrations
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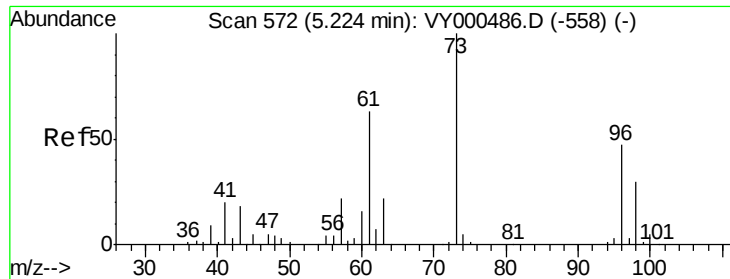
MMDadoda
11/8/2019 4:07:34 PM



#20
Methylene Chloride
Concen: 22.269 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion: 84 Resp: 76911
Ion Ratio Lower Upper
84 100
49 131.2 100.2 150.4
51 41.9 29.6 44.4
86 64.1 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 21.265 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

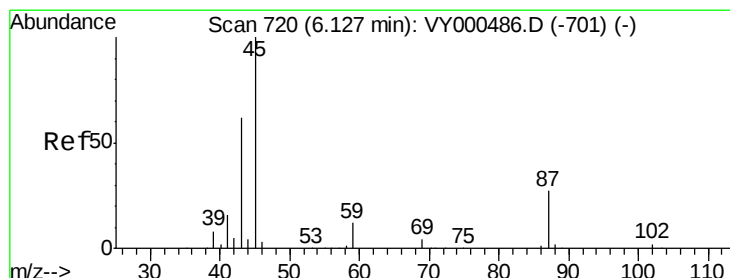
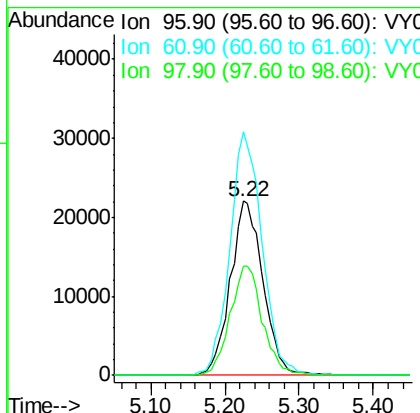
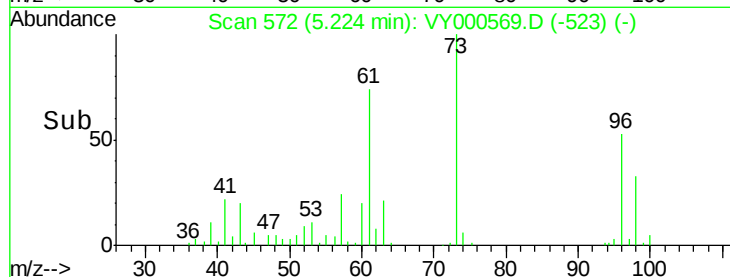
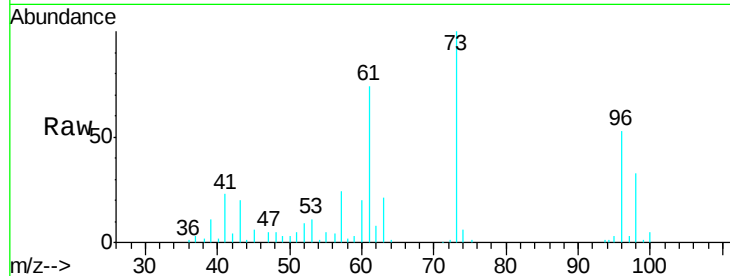
ClientSampleId :

VY1107SBS01

Tgt Ion:	96	Resp:	67863
Ion	Ratio	Lower	Upper
96	100		
61	139.8	106.6	160.0
98	62.5	50.6	76.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.226 ug/l

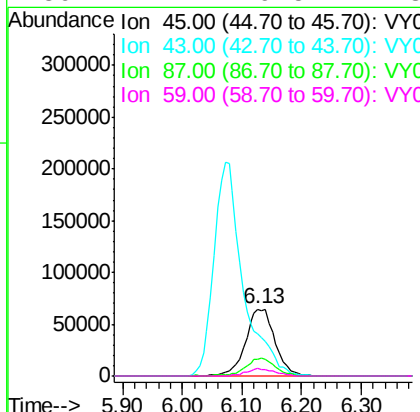
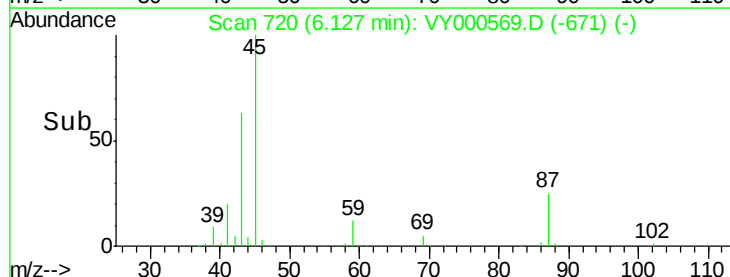
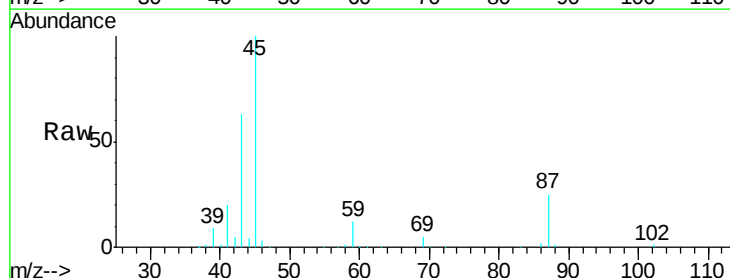
RT: 6.13 min Scan# 720

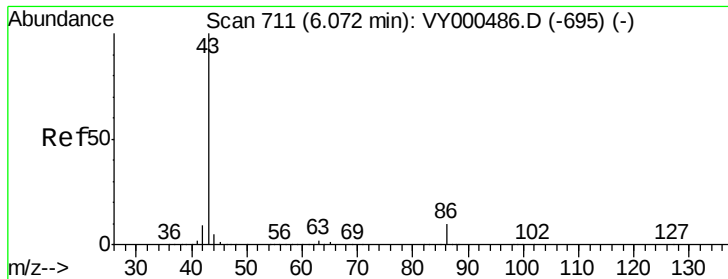
Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Tgt Ion:	45	Resp:	221749
Ion	Ratio	Lower	Upper
45	100		
43	62.5	50.0	75.0
87	25.3	21.6	32.4
59	12.2	9.5	14.3





#23

Vinyl Acetate

Concen: 111.302 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 43 Resp: 700969

Ion Ratio Lower Upper

43 100

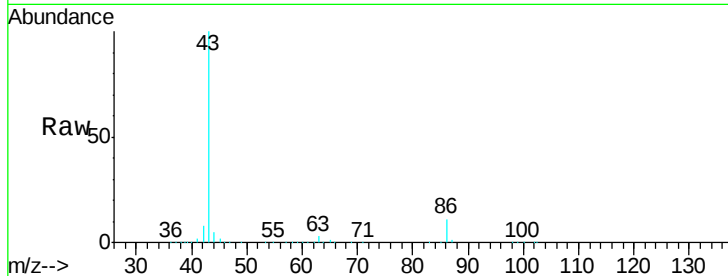
86 10.9 7.8 11.6

Manual Integrations

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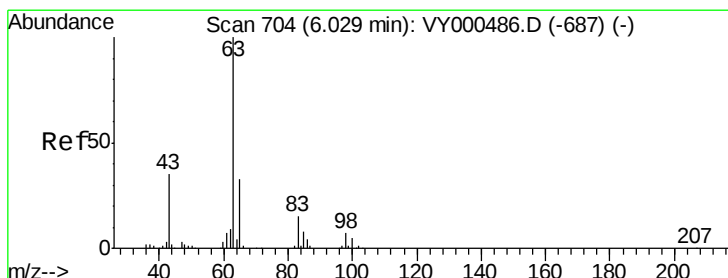
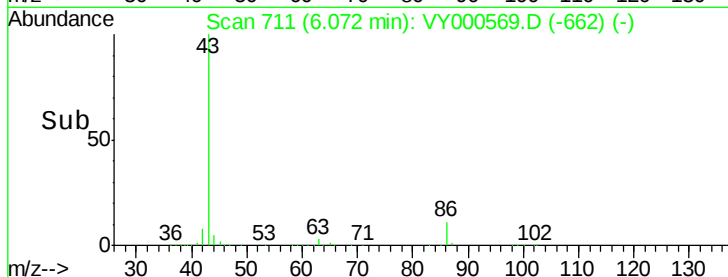
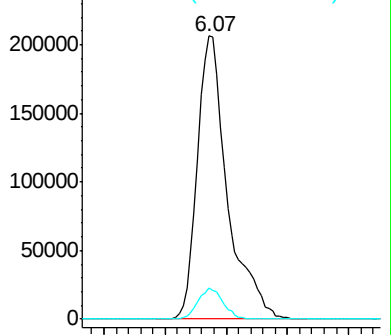
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.125 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

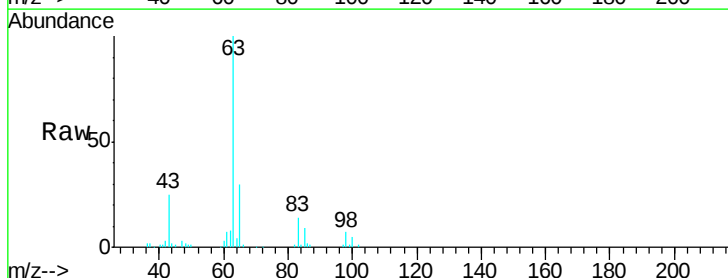
Tgt Ion: 63 Resp: 119582

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

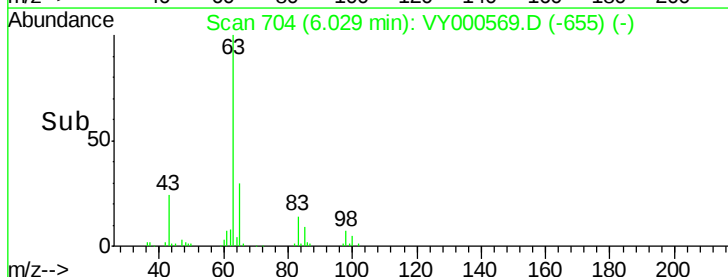
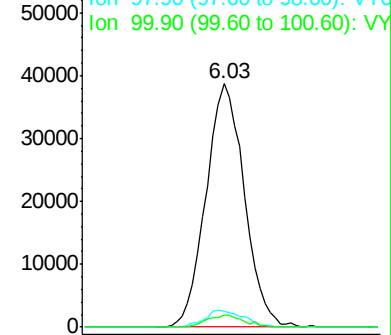
100 4.8 2.4 7.1

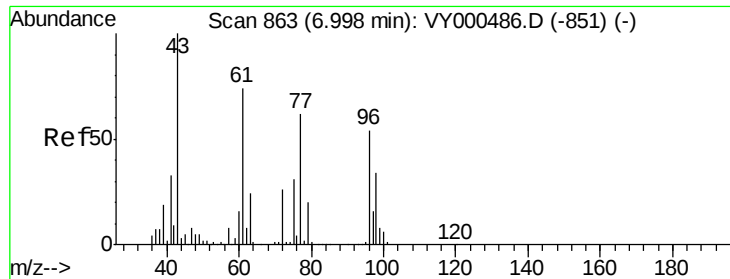


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 99.652 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampled :

VY1107SBS01

Tgt Ion: 43 Resp: 128190

Ion Ratio Lower Upper

43 100

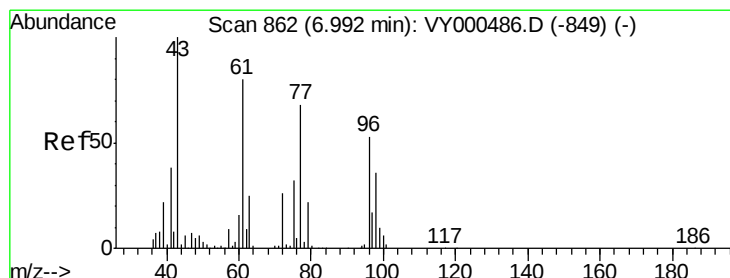
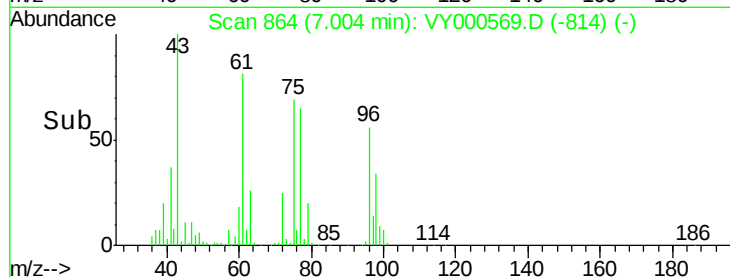
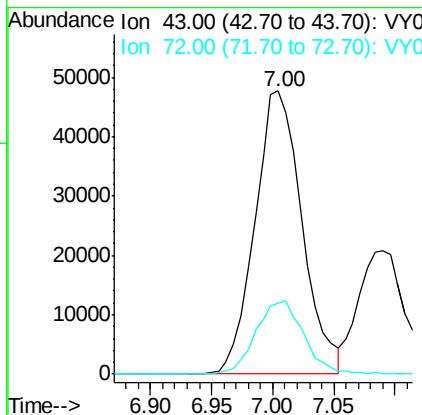
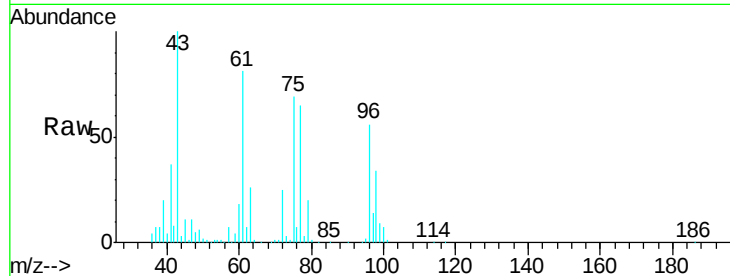
72 25.1 20.9 31.3

Manual Integrations

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MMDadoda

11/8/2019 4:07:34 PM



#26

2,2-Dichloropropane

Concen: 21.973 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000569.D

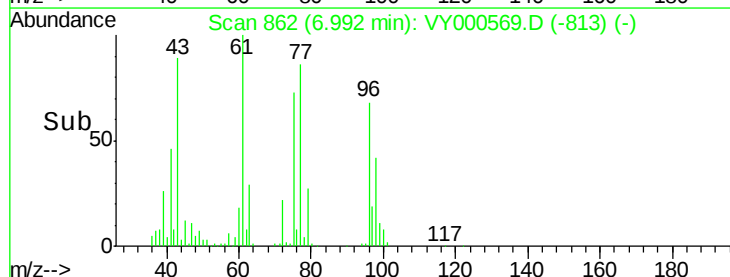
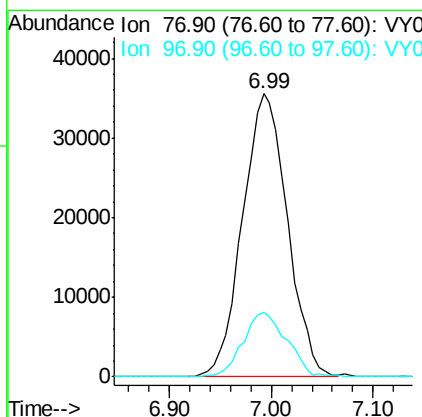
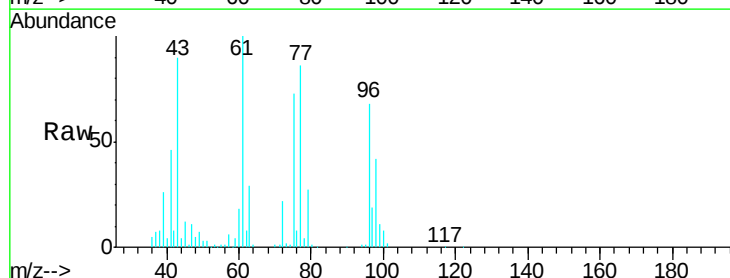
Acq: 07 Nov 2019 11:01

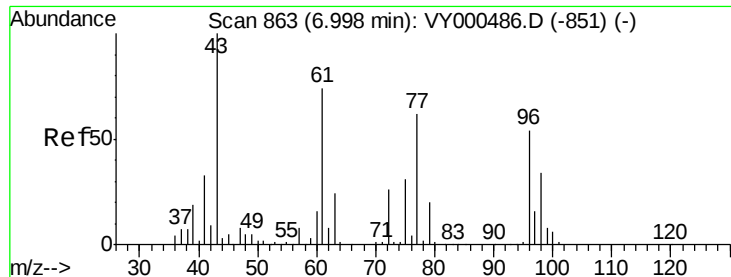
Tgt Ion: 77 Resp: 108530

Ion Ratio Lower Upper

77 100

97 22.4 11.8 35.4





#27

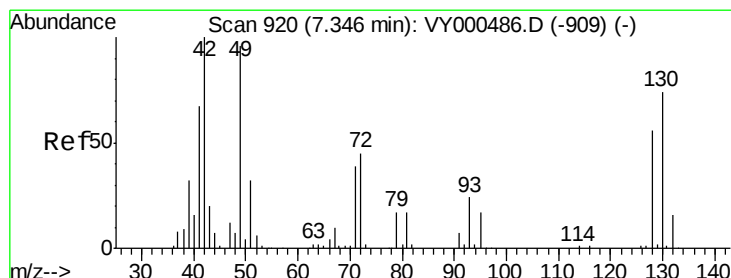
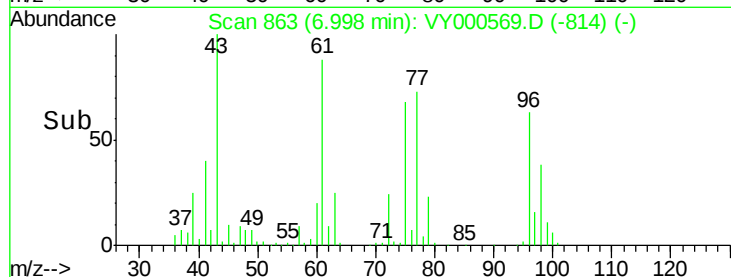
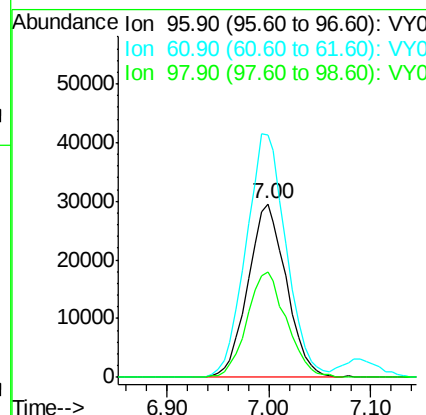
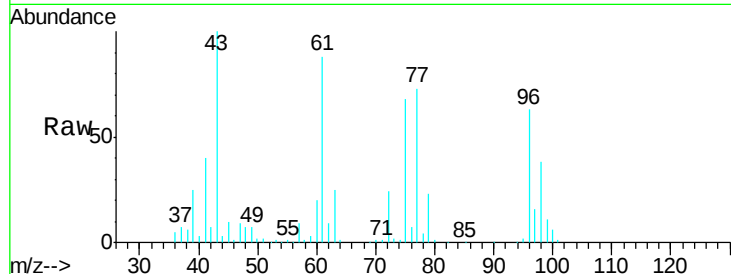
cis-1,2-Dichloroethene
Concen: 22.123 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	287.0
98	62.8	0.0	129.4

Manual Integrations
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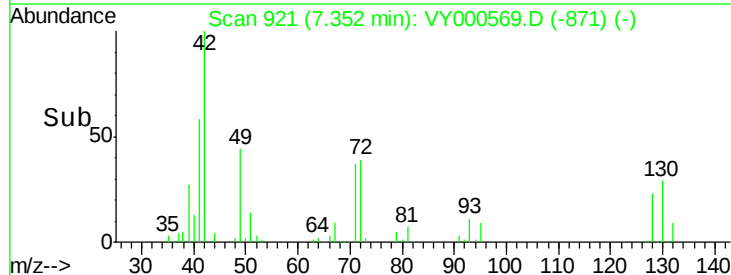
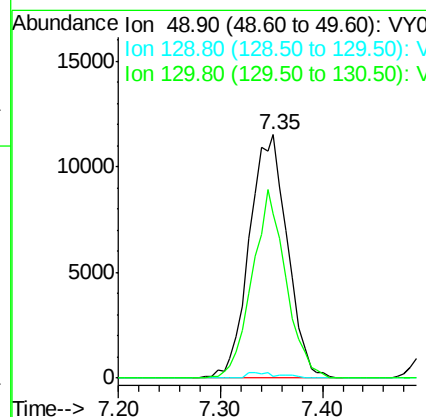
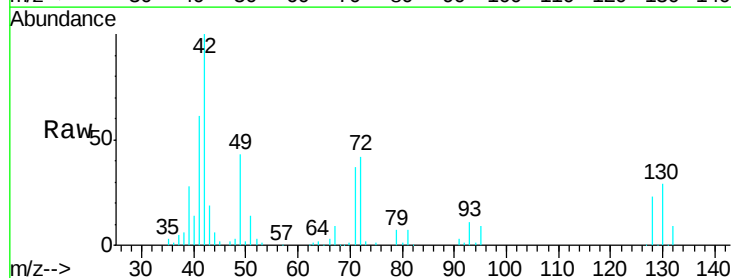
MMDadoda
11/8/2019 4:07:34 PM

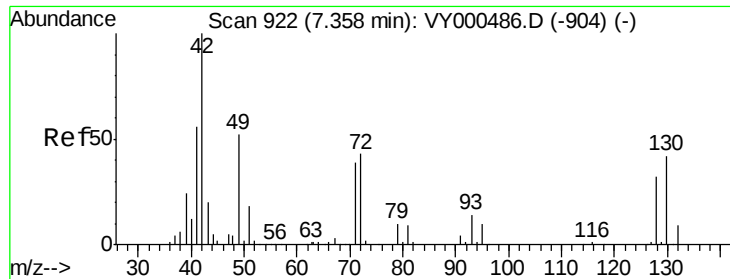


#28

Bromochloromethane
Concen: 15.179 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	69.1	59.4	89.0





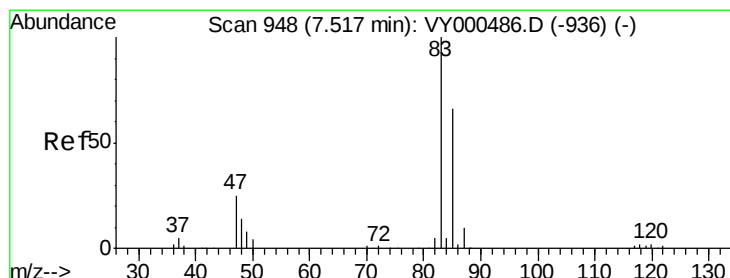
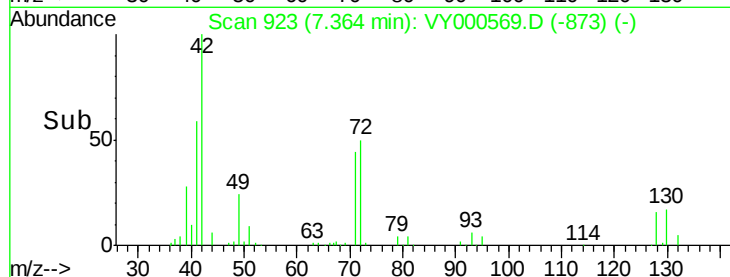
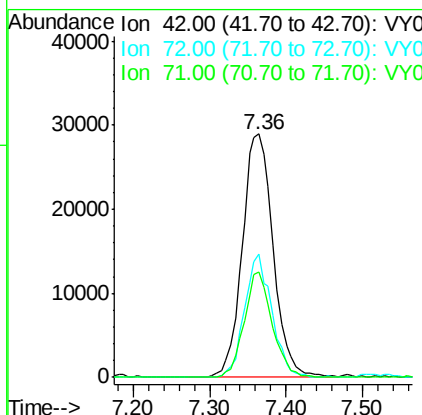
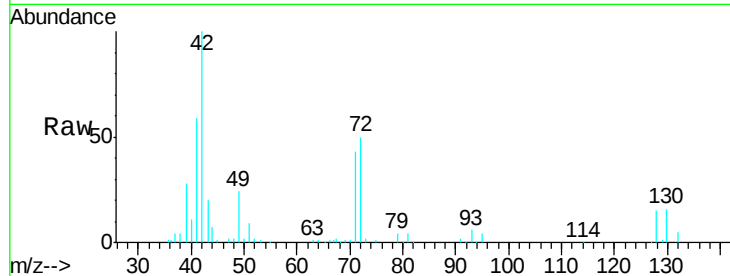
#29
Tetrahydrofuran
Concen: 103.520 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.0	51.0
71	38.9	30.8	46.2

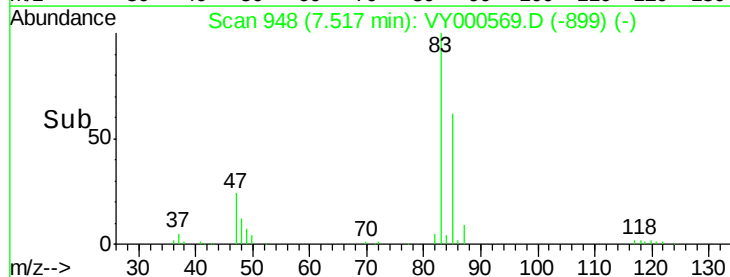
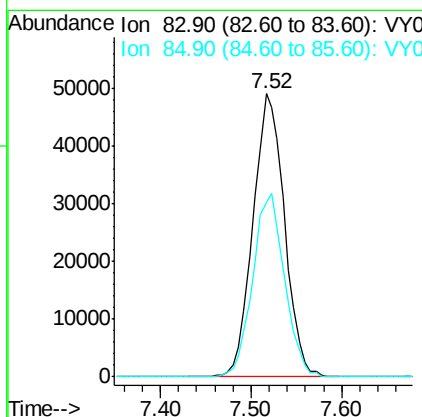
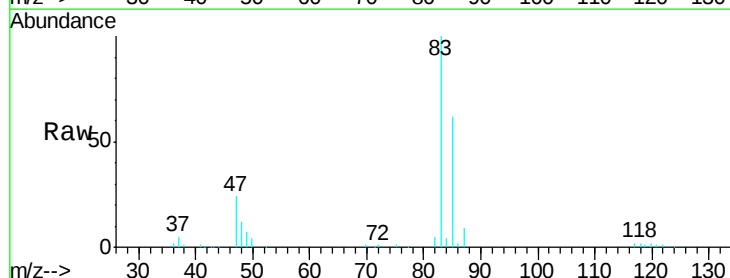
Manual Integrations
APPROVED

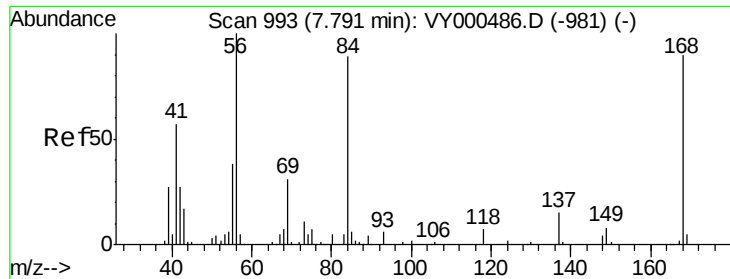
MMDadoda
11/8/2019 4:07:34 PM



#30
Chloroform
Concen: 21.482 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	53.0	79.4





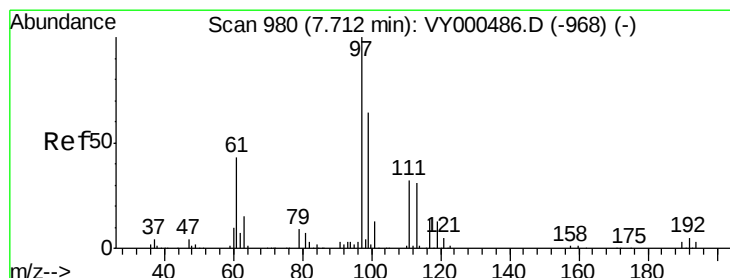
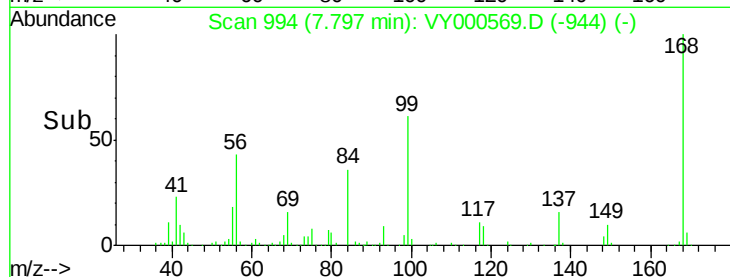
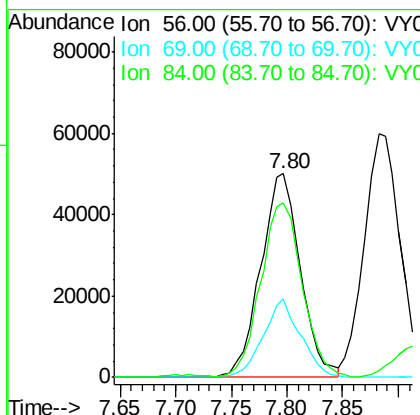
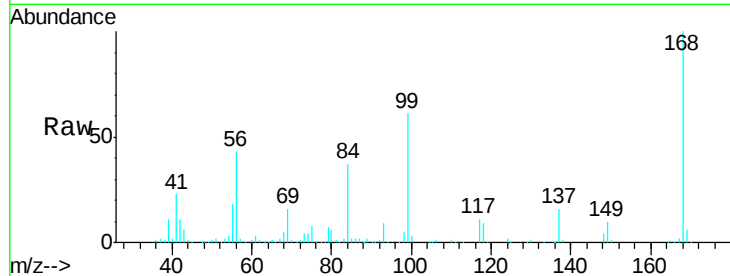
#31
Cyclohexane
Concen: 22.021 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	124658		
69	38.4	25.0	37.6#	
84	84.6	71.4	107.2	

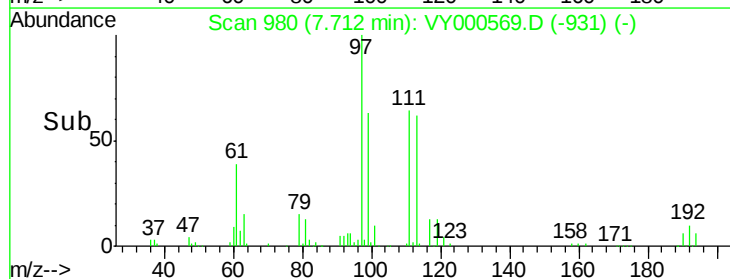
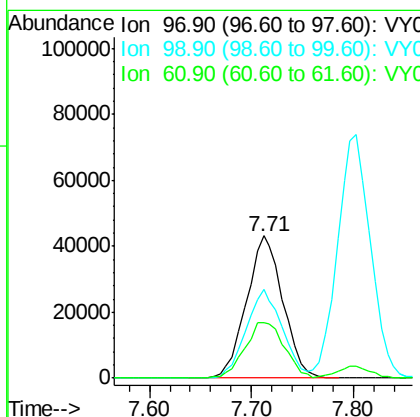
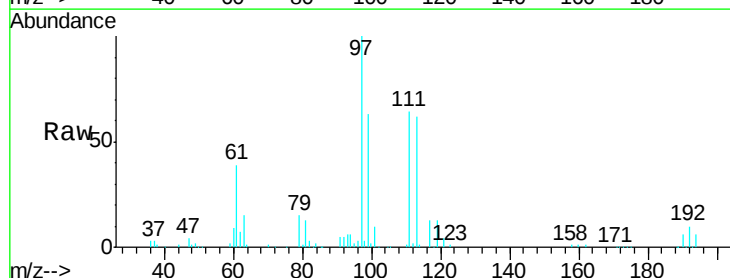
Manual Integrations
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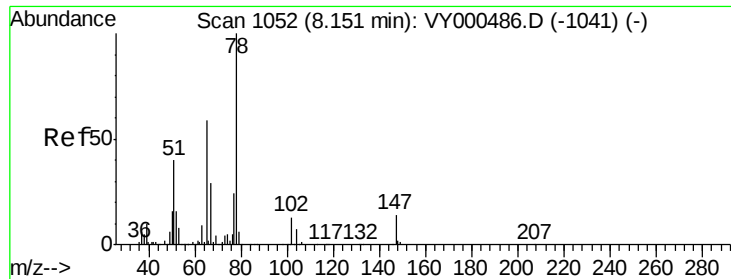
MMDadoda
11/8/2019 4:07:34 PM



#32
1,1,1-Trichloroethane
Concen: 21.965 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	107035		
99	61.7	50.9	76.3	
61	42.3	34.9	52.3	





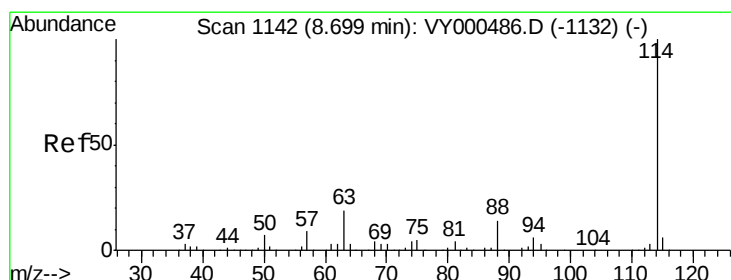
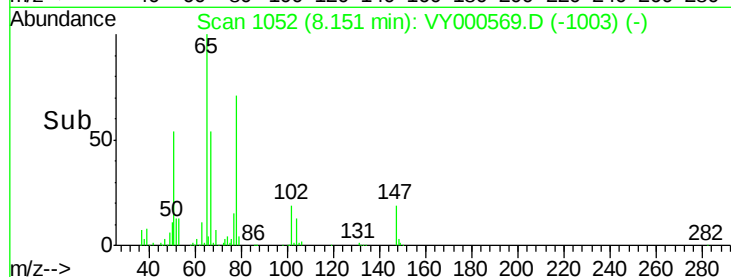
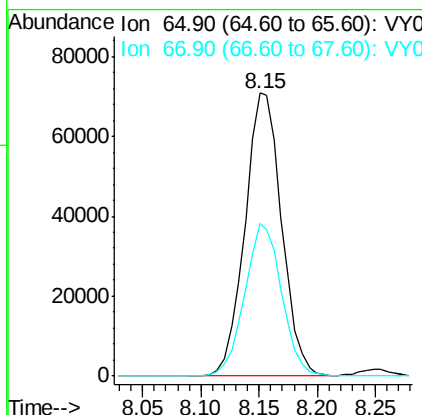
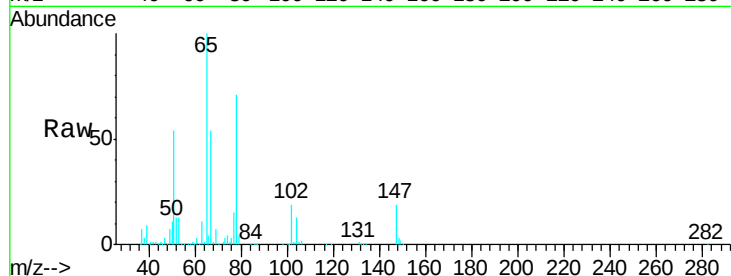
#33
 1,2-Dichloroethane-d4
 Concen: 53.262 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	155766		
67	53.9	0.0	107.2	

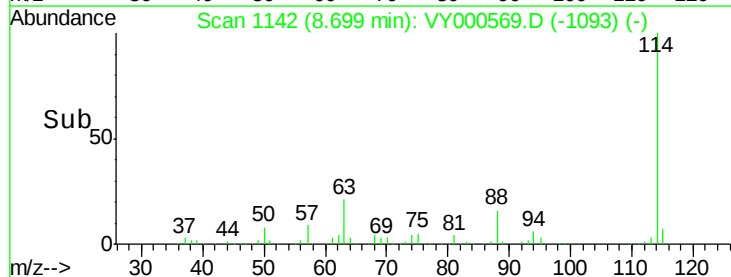
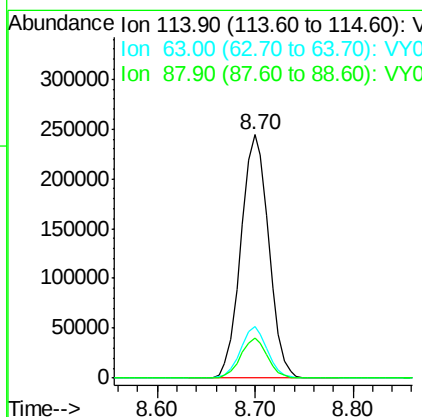
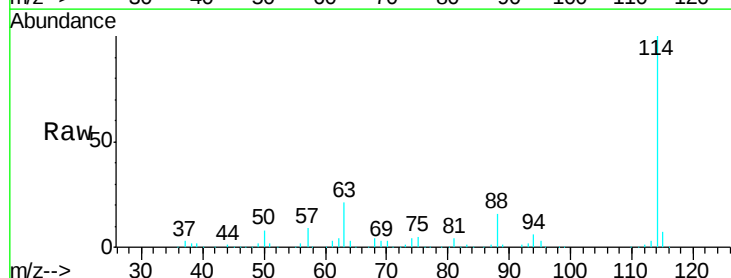
Manual Integrations
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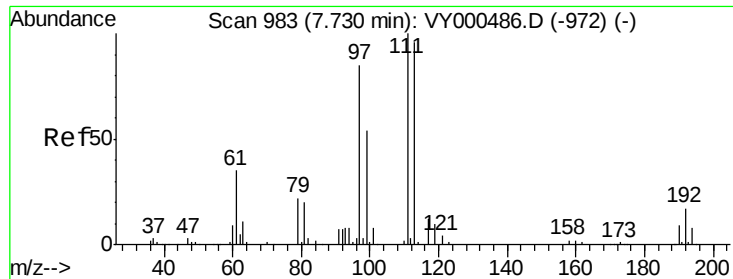
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	480863		
63	21.1	0.0	38.0	
88	16.4	0.0	28.6	





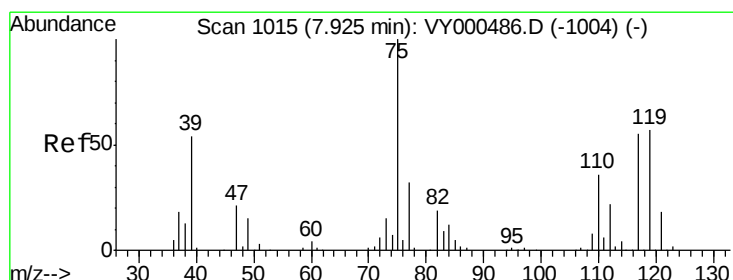
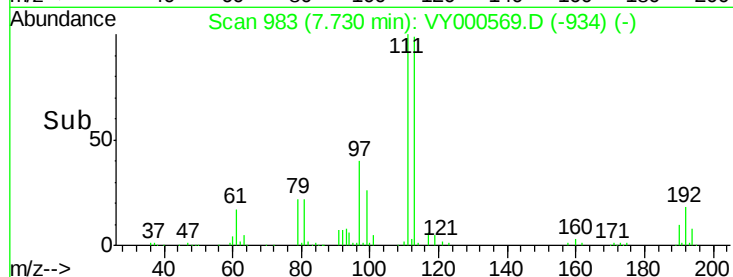
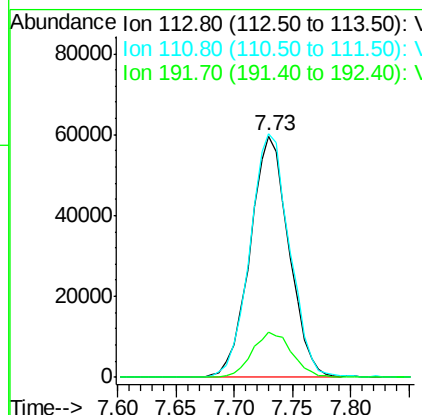
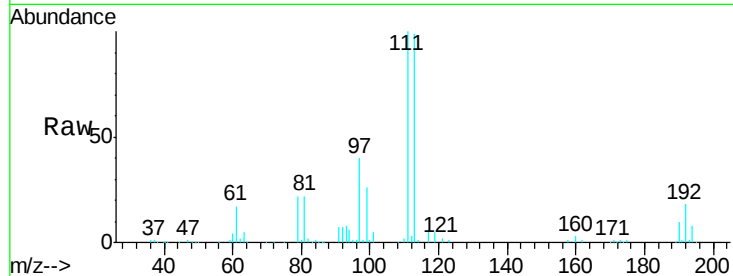
#35
 Dibromofluoromethane
 Concen: 48.877 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	137979		
111	102.9	81.7	122.5	
192	18.9	15.0	22.4	

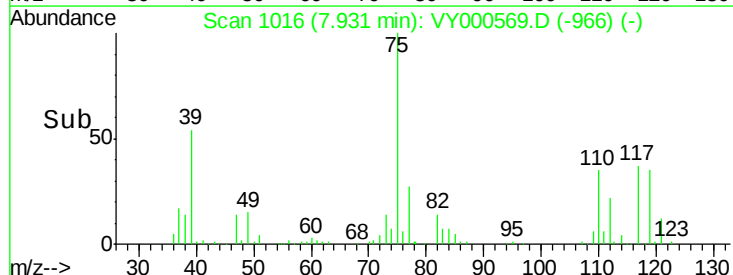
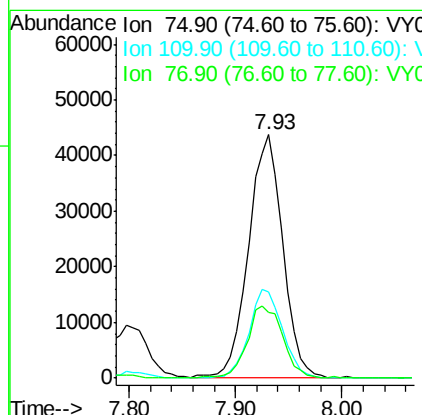
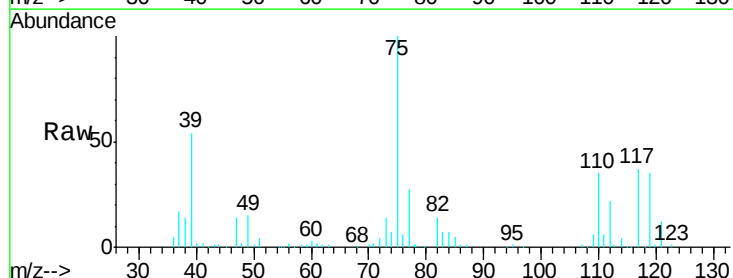
Manual Integrations
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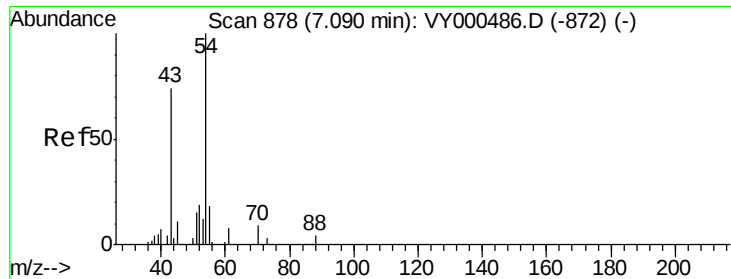
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#36
 1,1-Dichloropropene
 Concen: 21.666 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	98489		
110	35.8	18.1	54.1	
77	30.9	25.0	37.6	





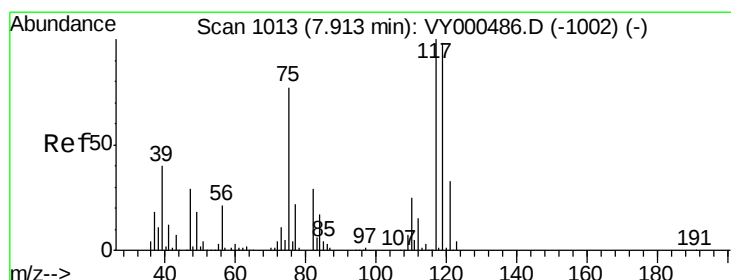
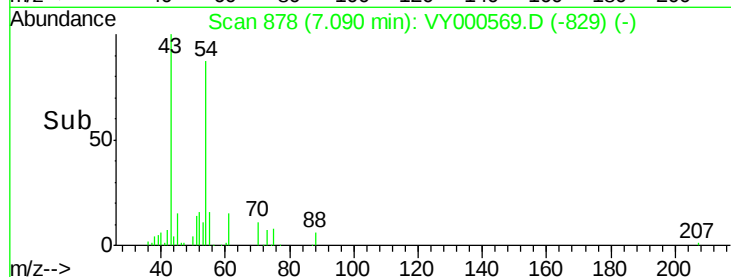
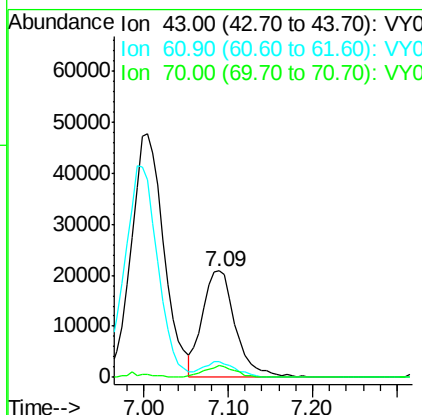
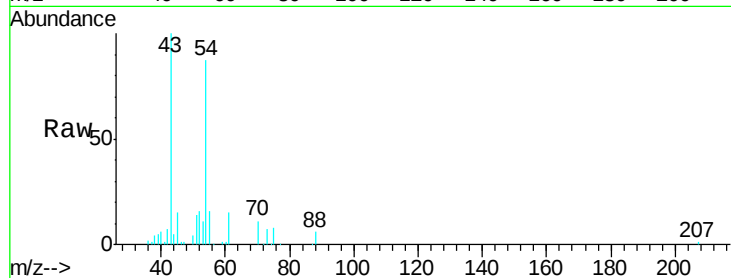
#37
Ethyl Acetate
Concen: 20.998 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 43 Resp: 56671
Ion Ratio Lower Upper
43 100
61 14.4 10.2 15.2
70 10.3 7.8 11.8

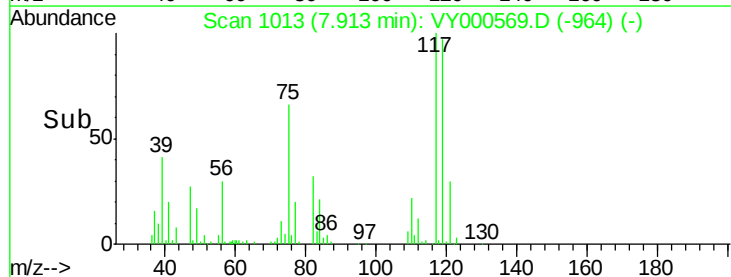
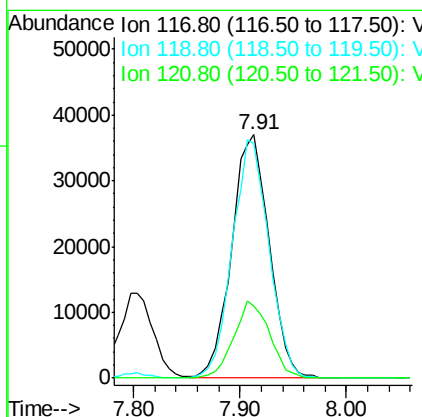
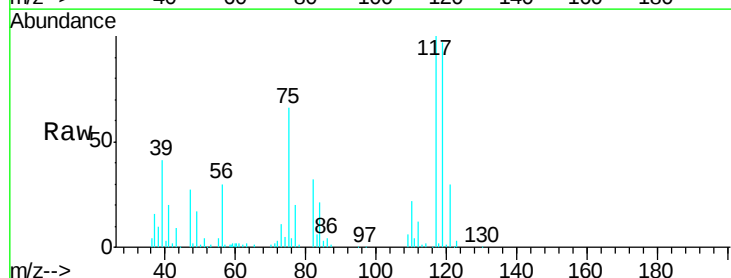
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 20.958 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion: 117 Resp: 91674
Ion Ratio Lower Upper
117 100
119 96.4 78.0 117.0
121 29.5 26.6 40.0





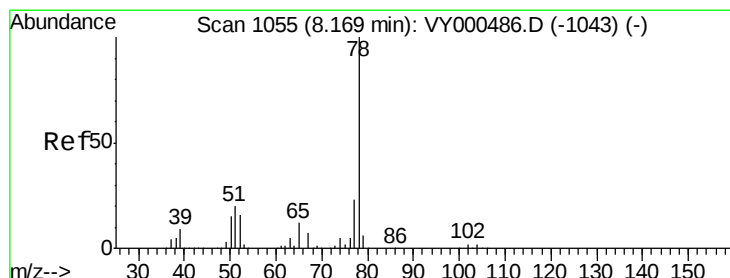
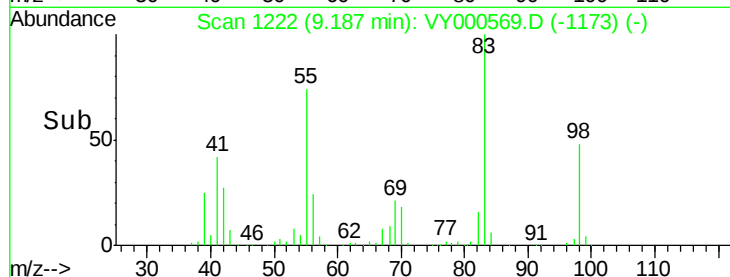
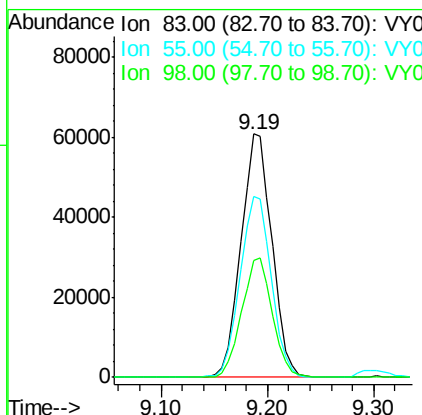
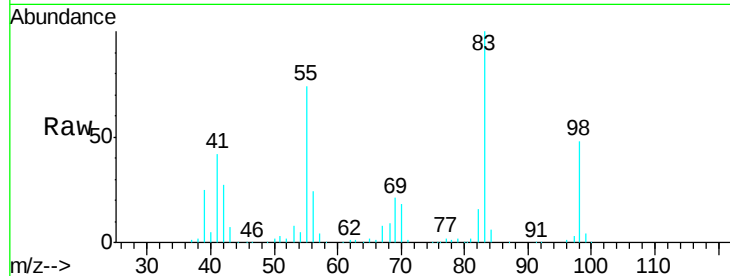
#39
Methylcyclohexane
Concen: 21.106 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	123954		
55	74.2	57.5	86.3	
98	48.1	38.0	57.0	

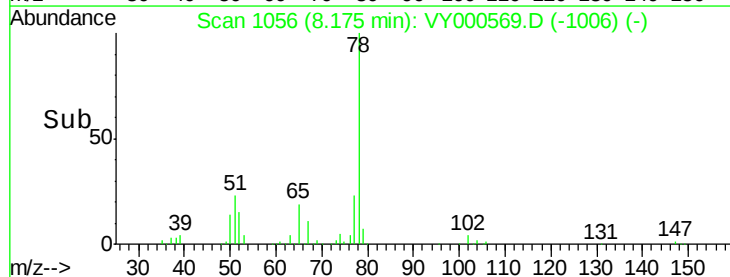
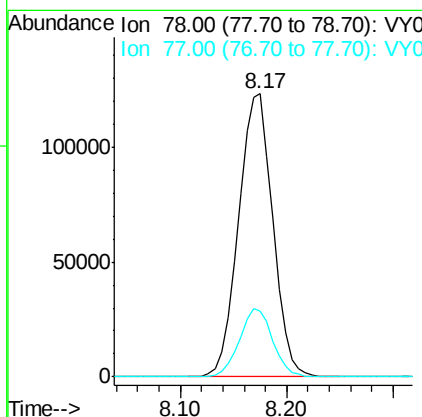
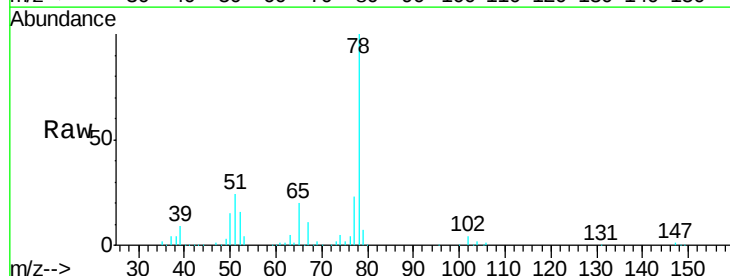
Manual Integrations
APPROVED

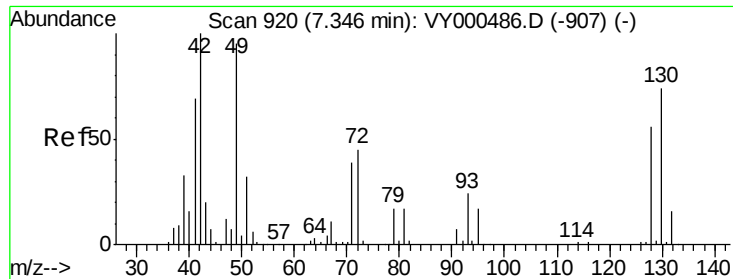
MMDadoda
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#40
Benzene
Concen: 20.883 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	278315		
77	23.4	18.6	28.0	





#41

Methacrylonitrile

Concen: 18.405 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.02 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampled :

VY1107SBS01

Tgt Ion: 41 Resp: 27711

Ion Ratio Lower Upper

41 100

39 0.0 68.2 102.4#

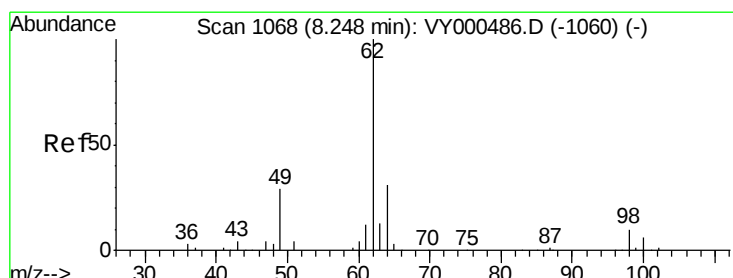
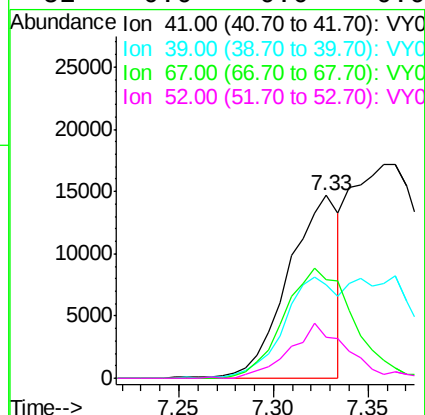
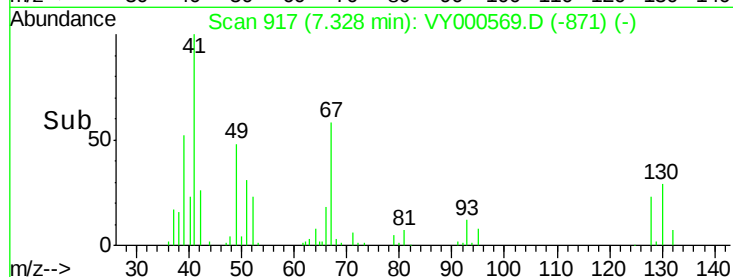
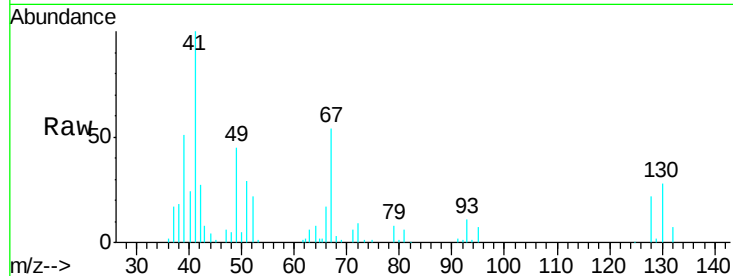
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 21.839 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VY000569.D

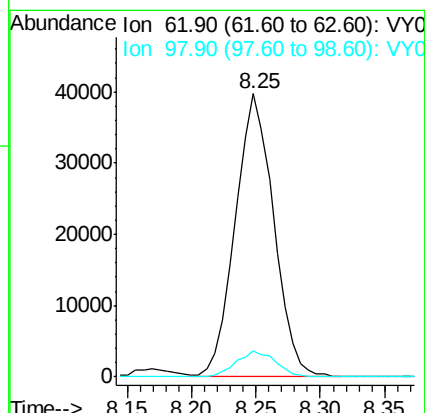
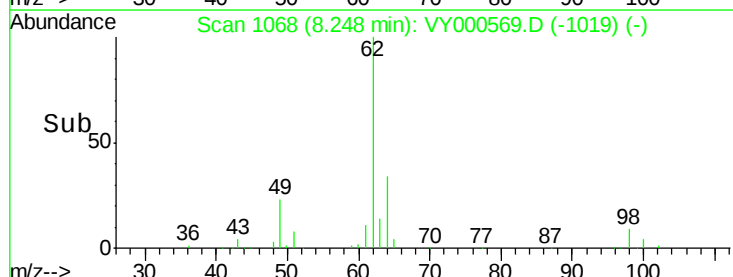
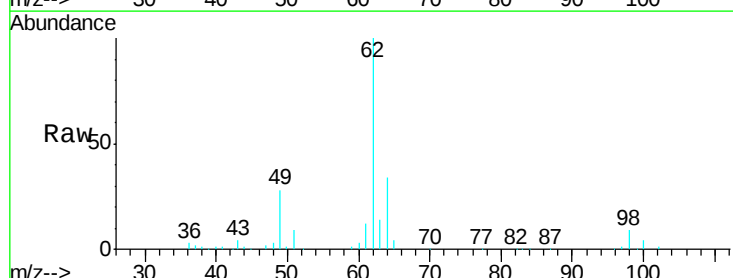
Acq: 07 Nov 2019 11:01

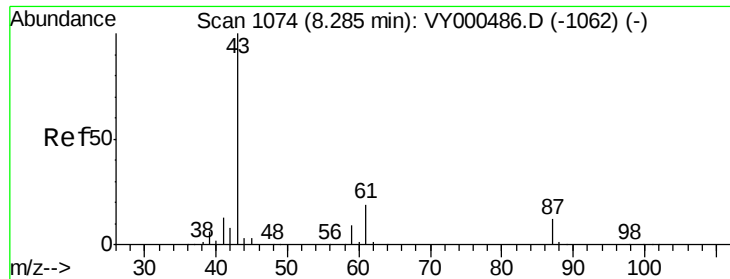
Tgt Ion: 62 Resp: 82552

Ion Ratio Lower Upper

62 100

98 9.3 0.0 19.2





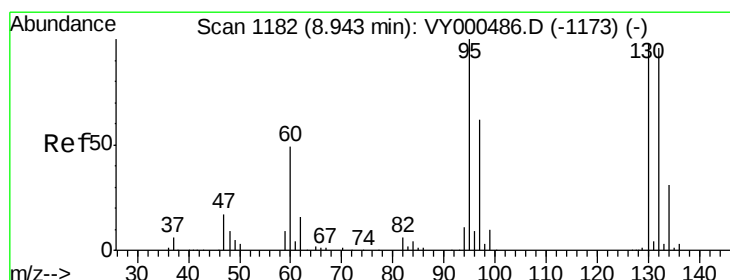
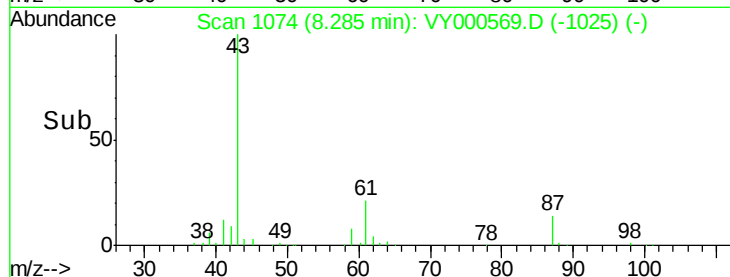
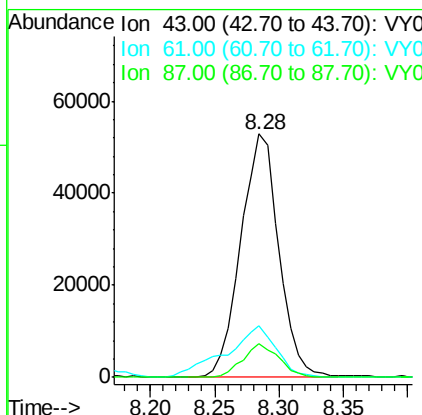
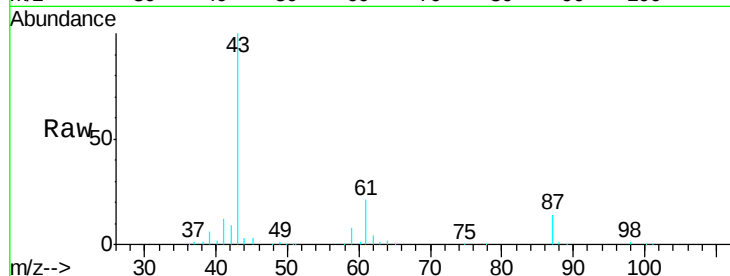
#43
Isopropyl Acetate
Concen: 21.311 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.0	23.0	34.4
87	13.2	10.5	15.7

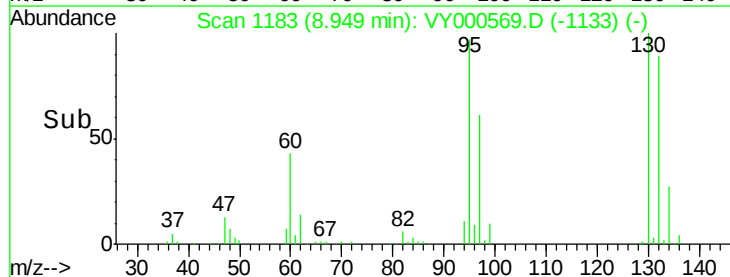
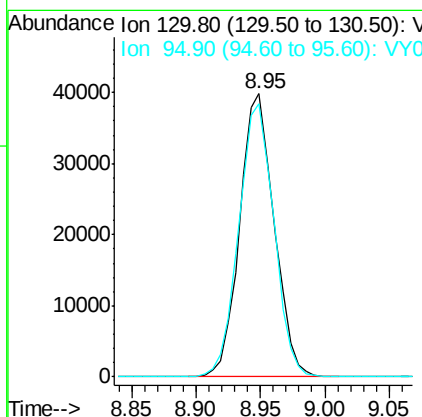
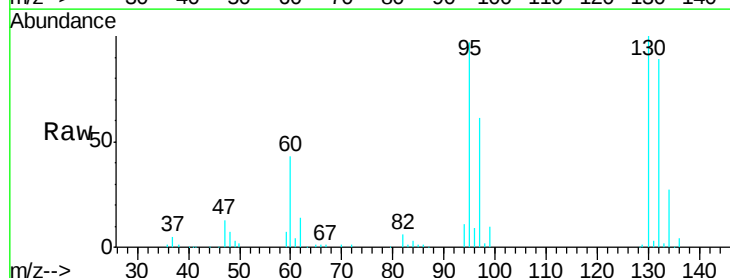
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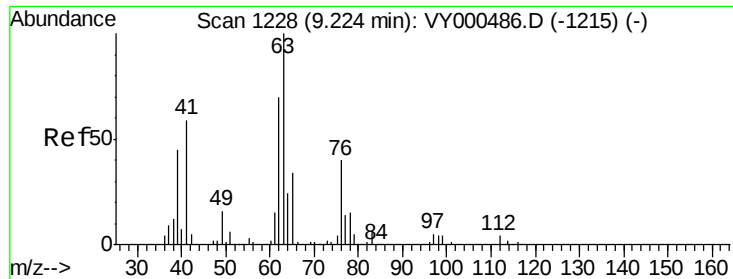
MMDadoda
11/8/2019 4:07:34 PM



#44
Trichloroethene
Concen: 20.952 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	203.2





#45

1,2-Dichloropropane

Concen: 21.701 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 63 Resp: 71182

Ion Ratio Lower Upper

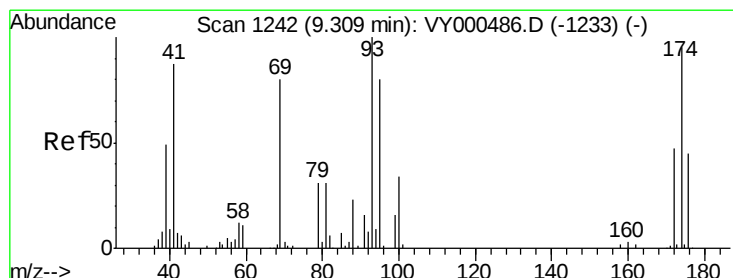
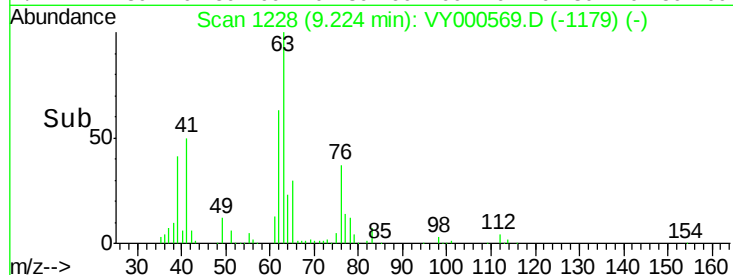
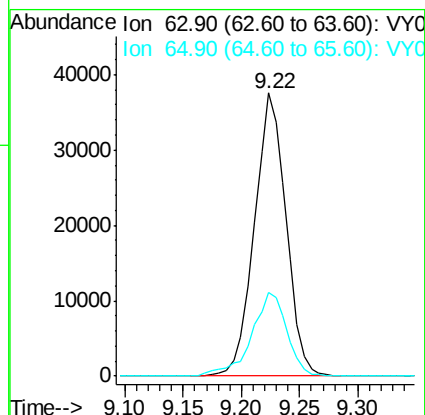
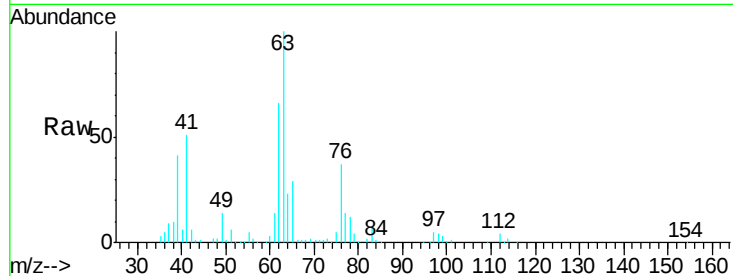
63 100

65 29.5 27.0 40.4

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#46

Dibromomethane

Concen: 20.606 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

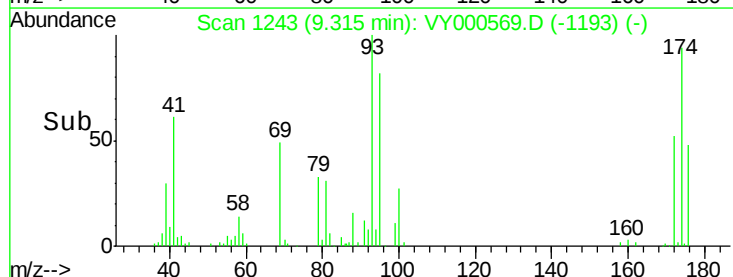
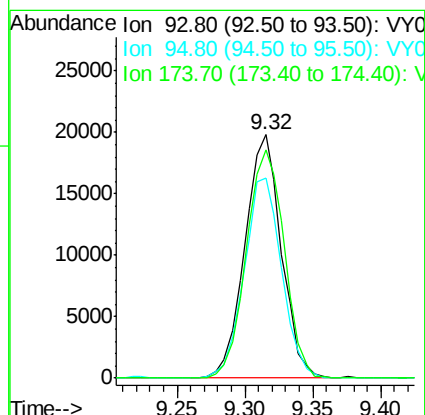
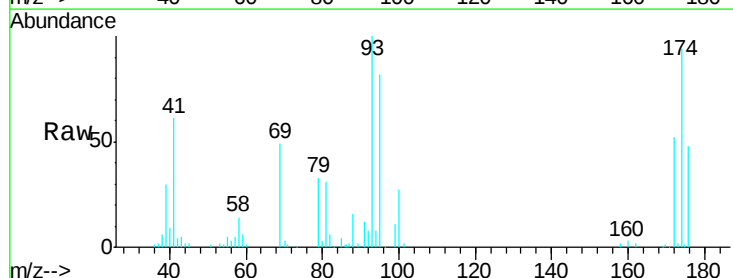
Tgt Ion: 93 Resp: 37172

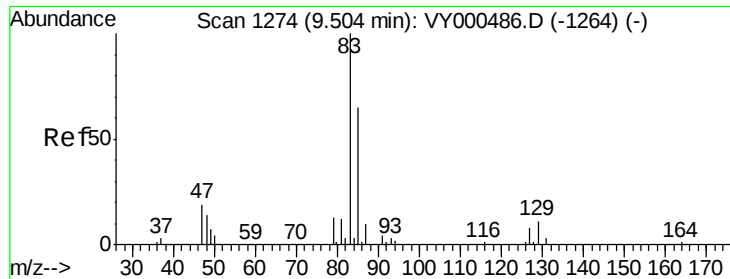
Ion Ratio Lower Upper

93 100

95 84.4 66.4 99.6

174 97.5 77.1 115.7





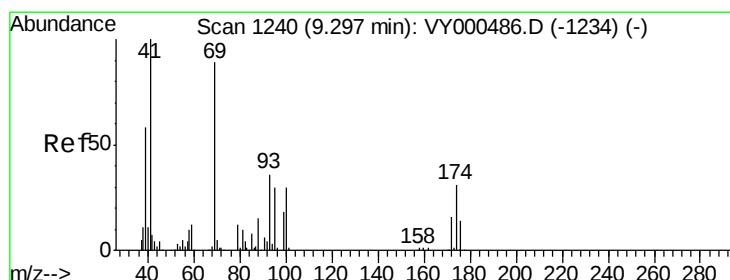
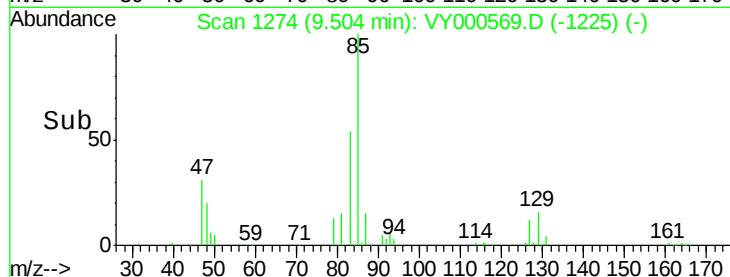
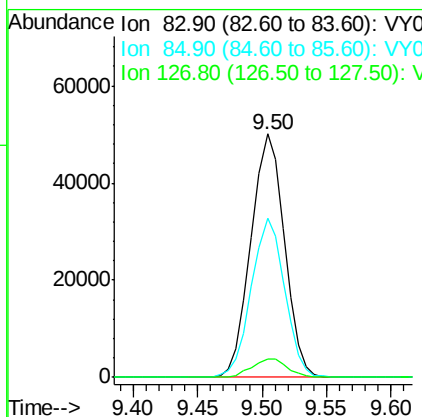
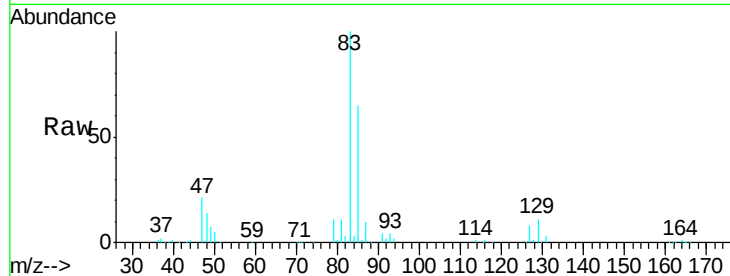
#47
Bromodichloromethane
Concen: 21.071 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
85	65.2	51.8	77.8
127	7.7	6.7	10.1

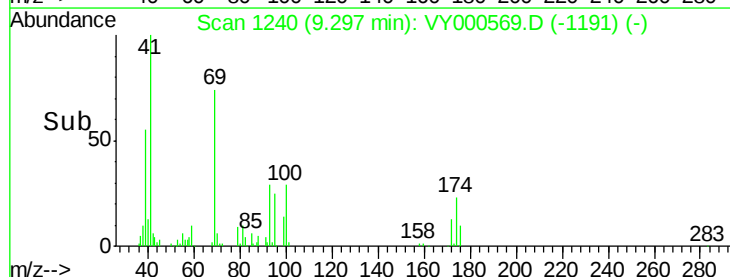
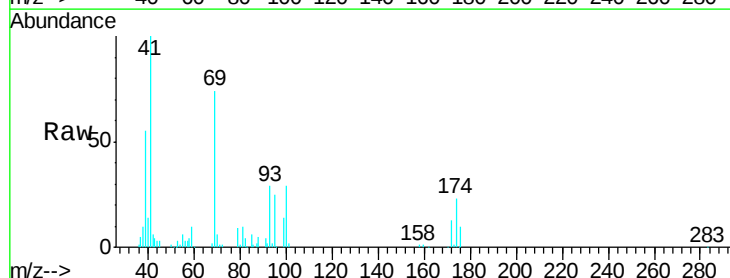
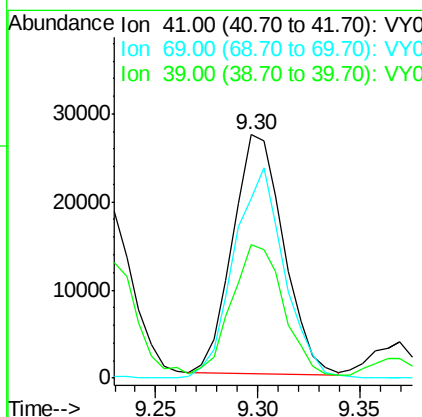
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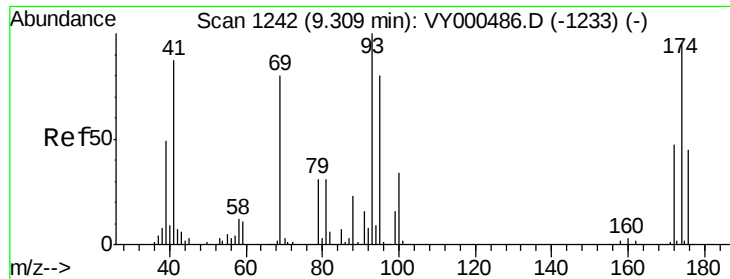
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11/8/2019 4:07:34 PM



#48
Methyl methacrylate
Concen: 21.392 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
41	100		
69	86.5	72.5	108.7
39	57.8	47.8	71.8





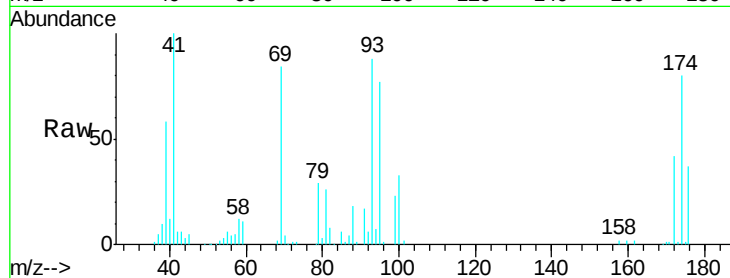
#49
1,4-Dioxane
Concen: 362.505 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.5	25.1	37.7
58	84.9	50.6	75.8

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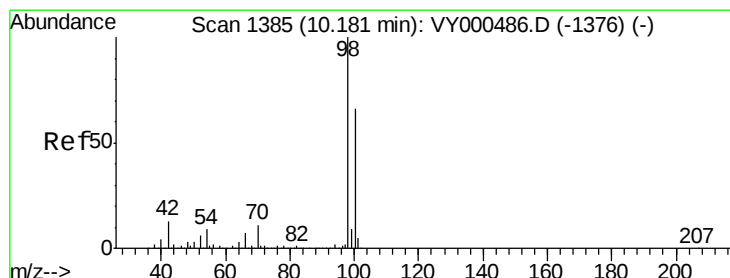
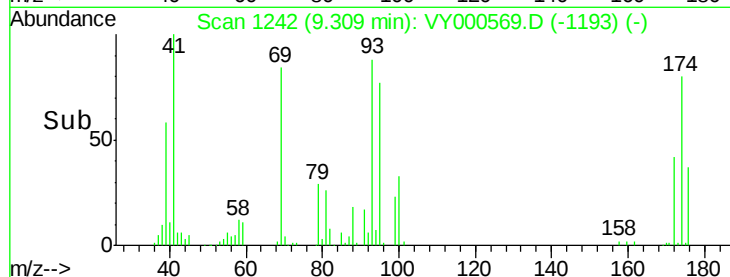
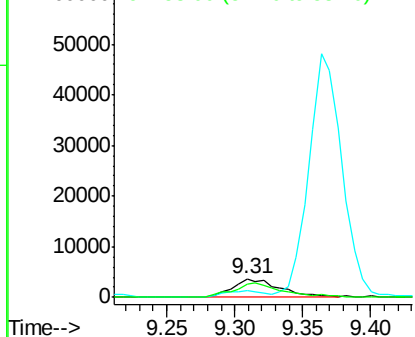


Abundance

Ion 88.00 (87.70 to 88.70): VY000486.D (-1233) (-)

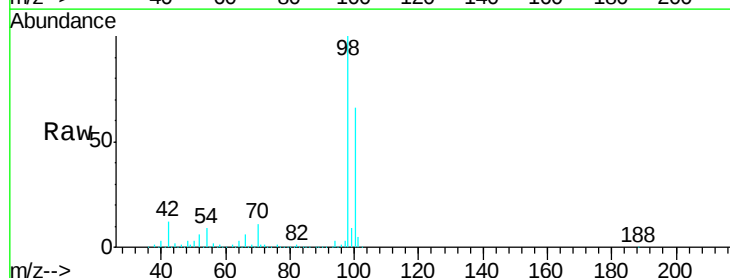
Ion 43.00 (42.70 to 43.70): VY000486.D (-1233) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-1233) (-)



#50
Toluene-d8
Concen: 52.712 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

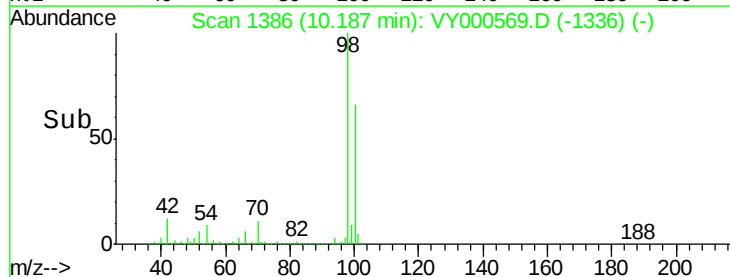
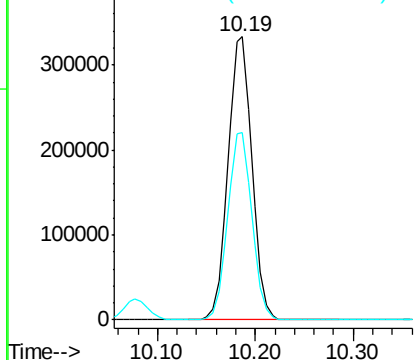
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.9	79.3

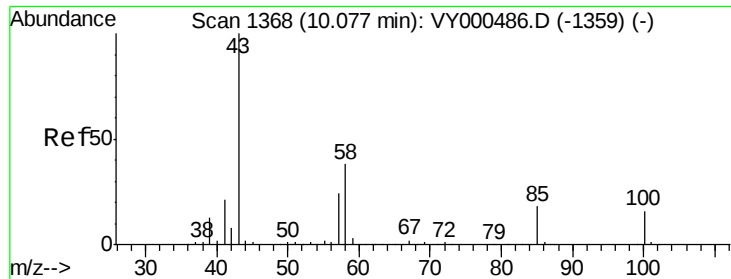


Abundance

Ion 98.00 (97.70 to 98.70): VY000486.D (-1376) (-)

Ion 100.00 (99.70 to 100.70): VY000486.D (-1376) (-)





#51

4-Methyl-2-Pentanone

Concen: 105.651 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 43 Resp: 284785

Ion Ratio Lower Upper

43 100

58 38.2

30.2

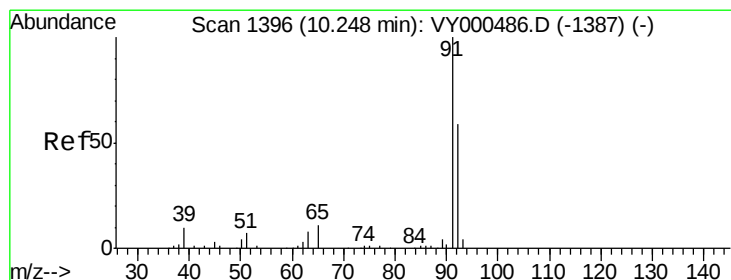
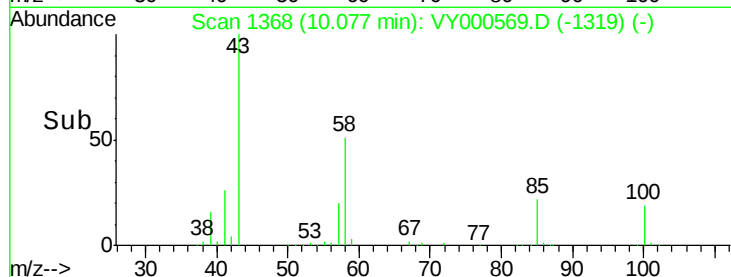
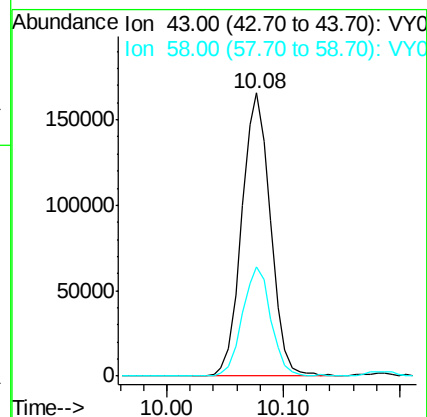
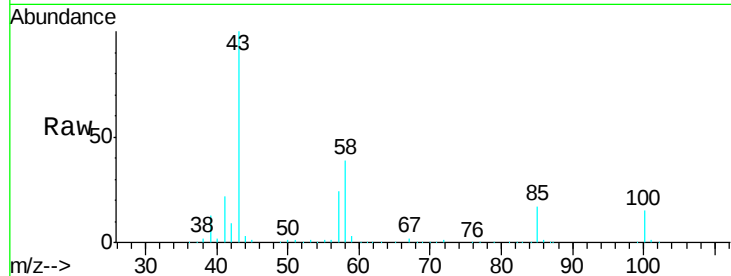
45.4

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#52

Toluene

Concen: 21.106 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Tgt Ion: 92 Resp: 177837

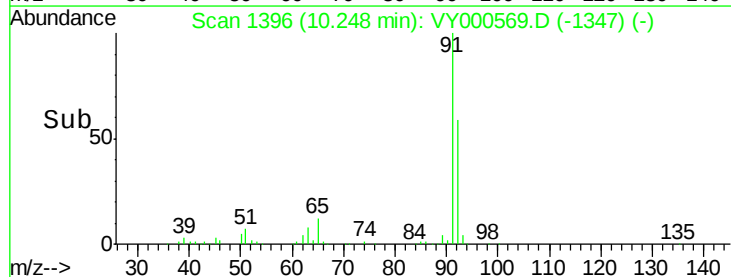
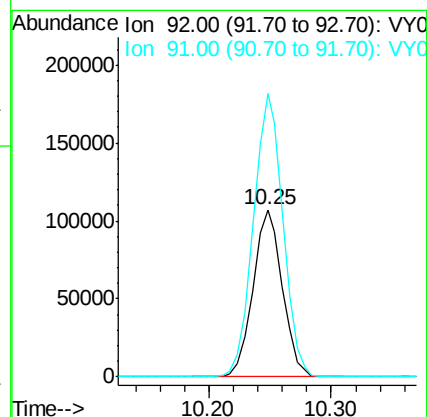
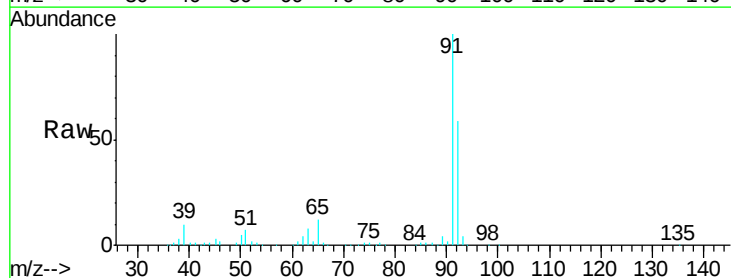
Ion Ratio Lower Upper

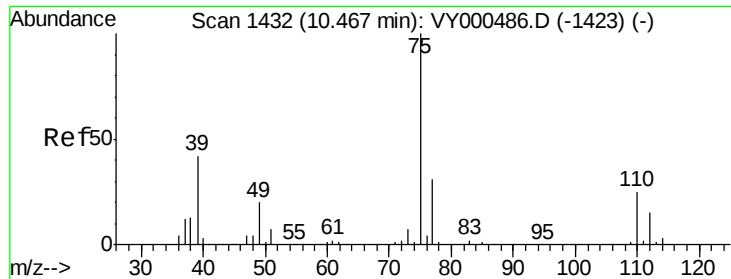
92 100

91 171.5

136.3

204.5





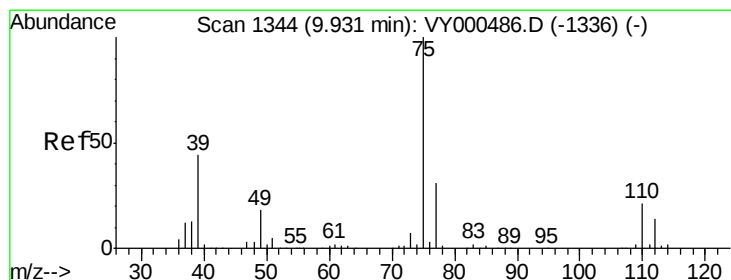
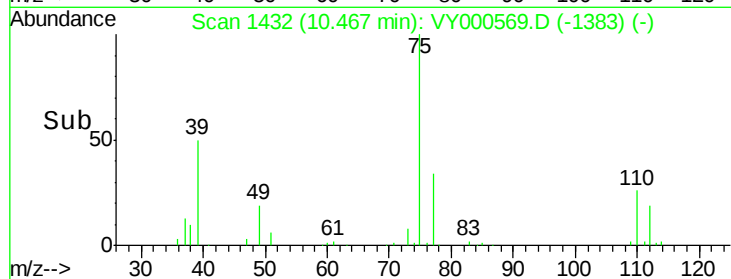
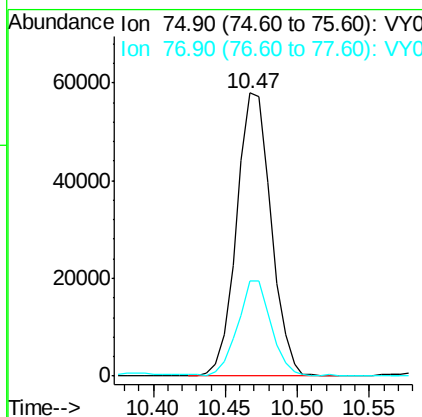
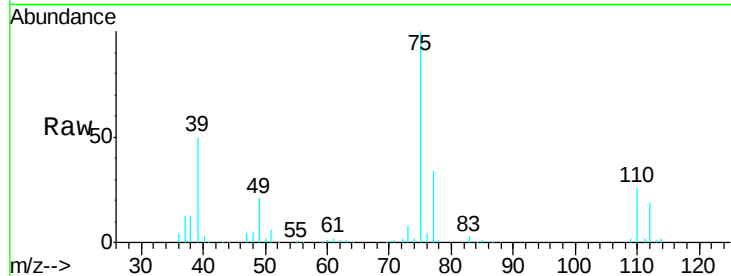
#53
t-1,3-Dichloropropene
Concen: 21.086 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 75 Resp: 96437
Ion Ratio Lower Upper
75 100
77 33.5 24.6 37.0

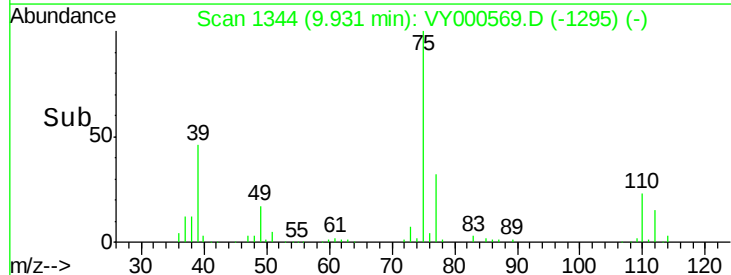
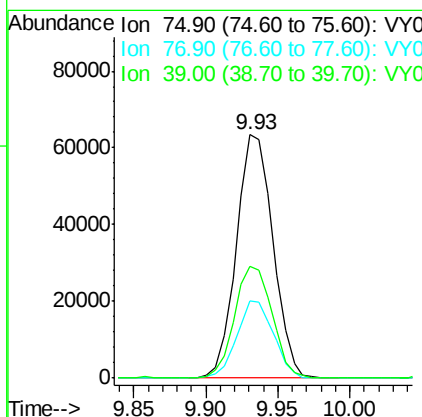
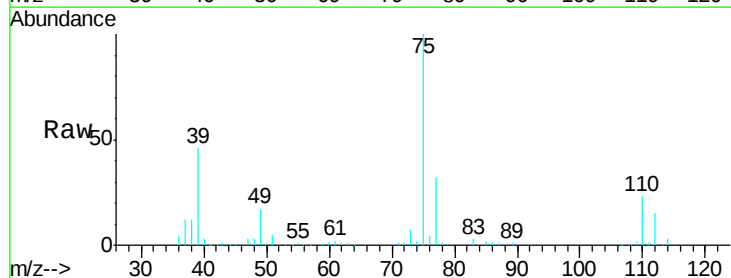
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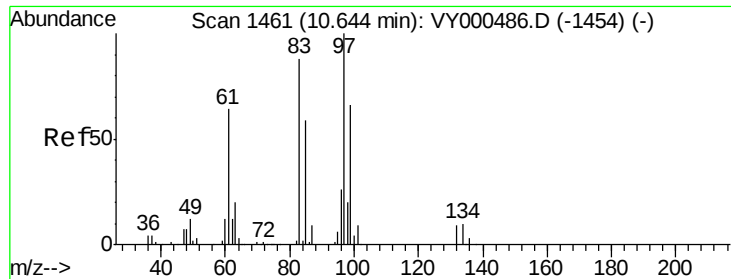
MMDadoda
11/8/2019 4:07:34 PM



#54
cis-1,3-Dichloropropene
Concen: 21.380 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion: 75 Resp: 112021
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7
39 46.1 35.4 53.2





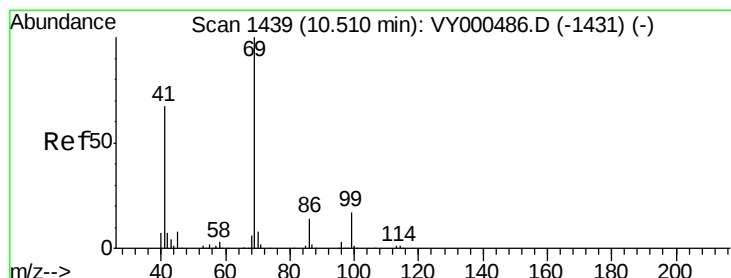
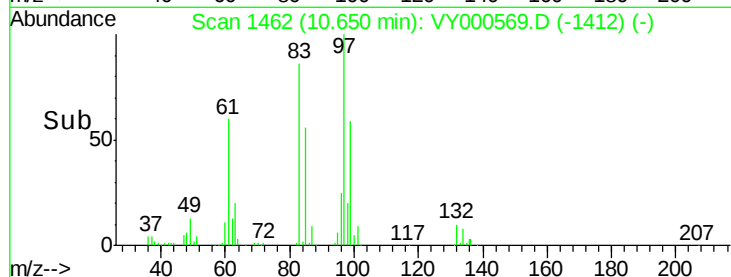
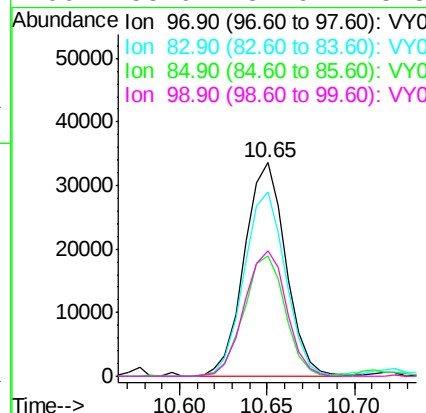
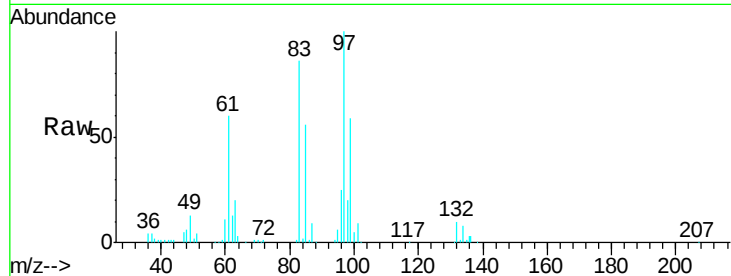
#55
 1,1,2-Trichloroethane
 Concen: 21.167 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	55229		
83	86.4	70.2	105.4	
85	56.6	46.9	70.3	
99	58.9	52.6	78.8	

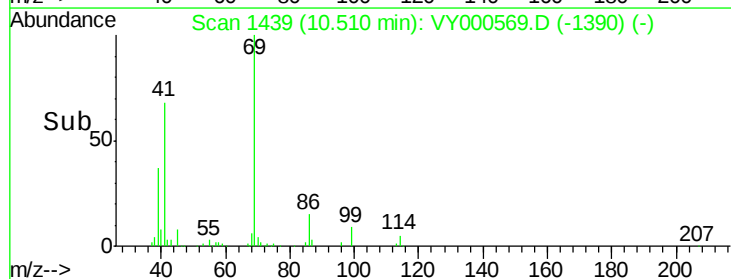
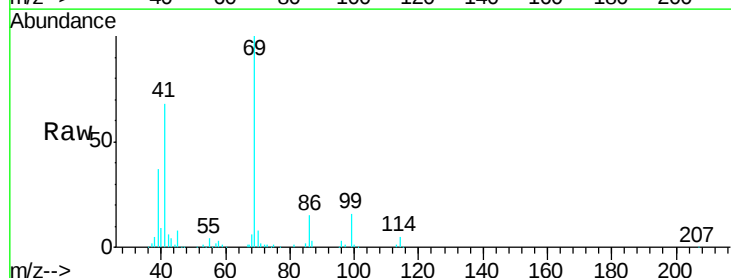
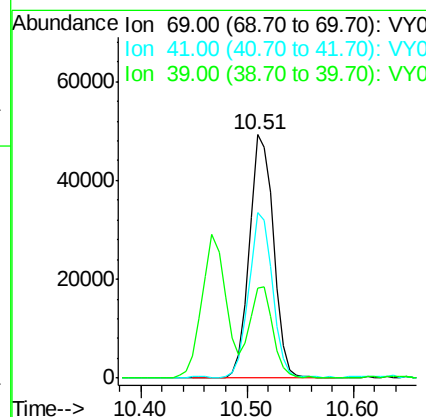
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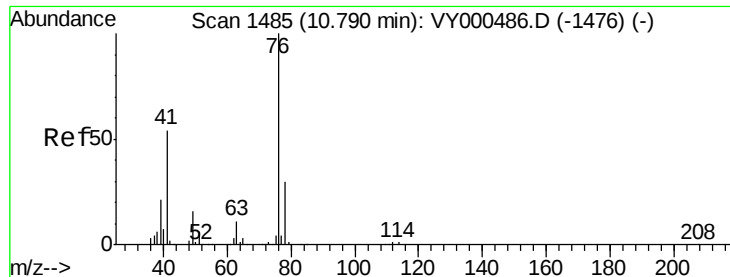
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 11/8/2019 4:07:34 PM



#56
 Ethyl methacrylate
 Concen: 21.318 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	78835		
41	67.5	53.3	79.9	
39	35.7	28.0	42.0	





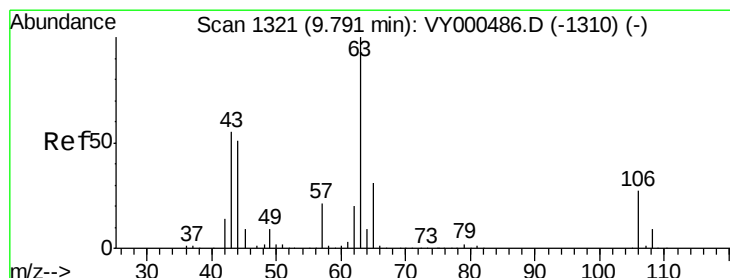
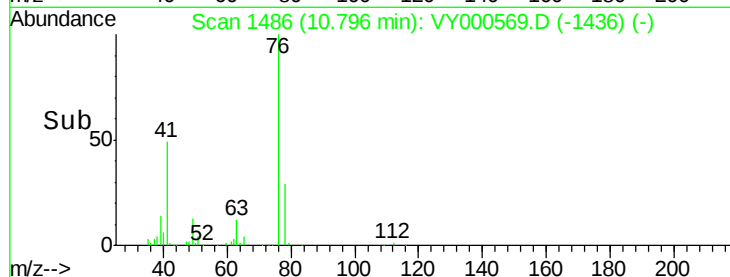
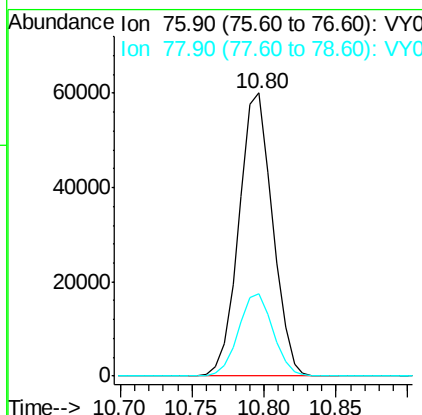
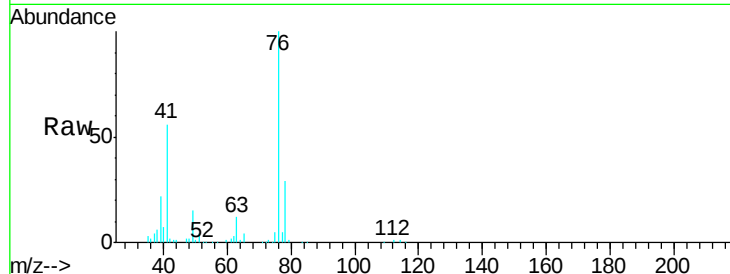
#57
 1,3-Dichloropropane
 Concen: 21.293 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Tgt Ion: 76 Resp: 97239
 Ion Ratio Lower Upper
 76 100
 78 30.0 25.2 37.8

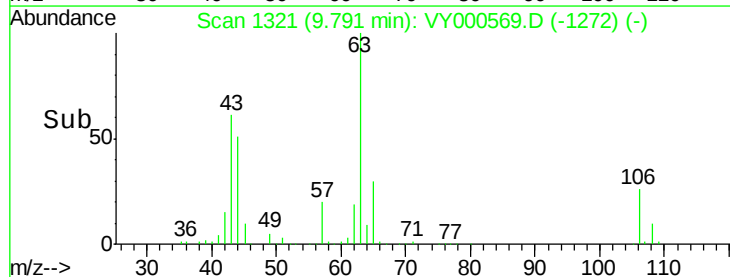
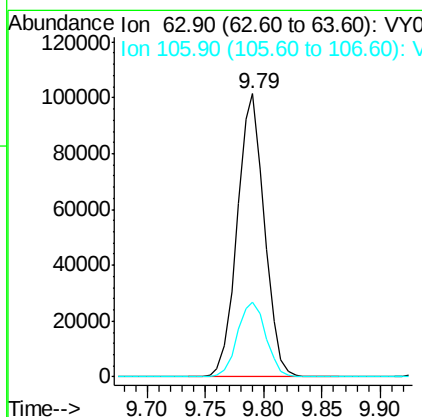
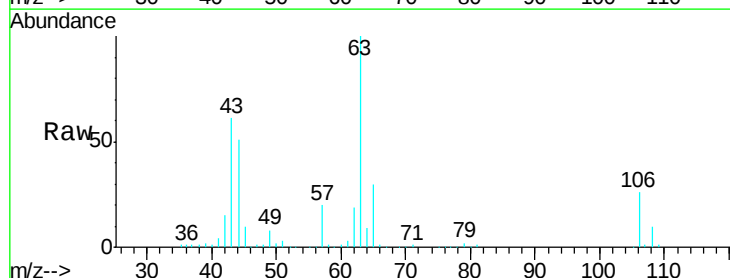
Manual Integrations
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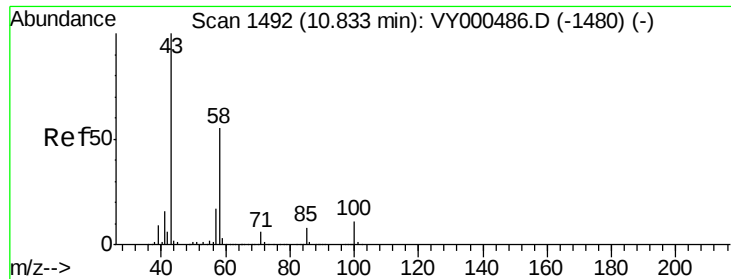
MMDadoda
 11/8/2019 4:07:34 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.481 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion: 63 Resp: 164646
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.6 33.8





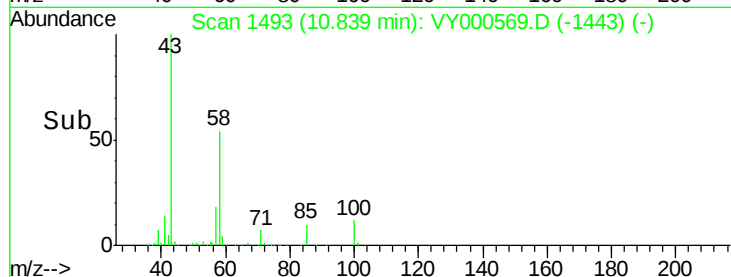
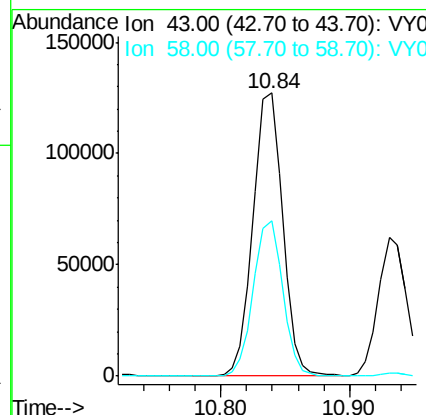
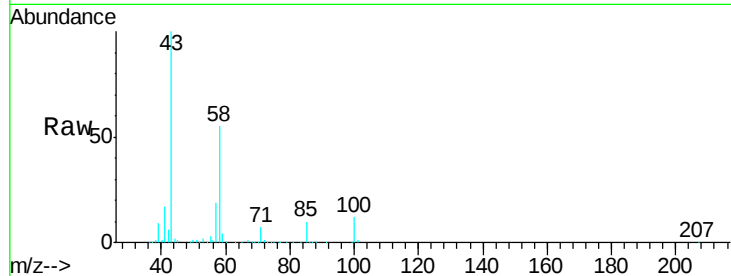
#59
2-Hexanone
Concen: 103.237 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 43 Resp: 202751
Ion Ratio Lower Upper
43 100
58 54.3 27.1 81.3

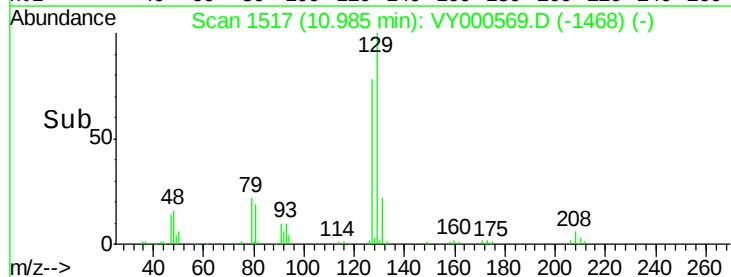
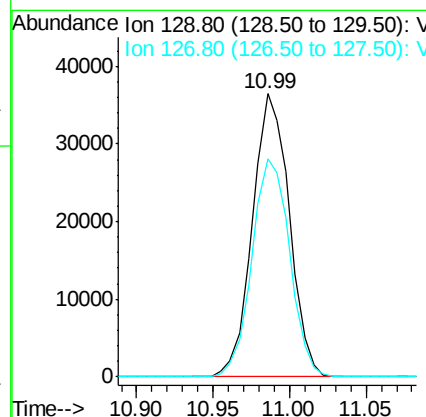
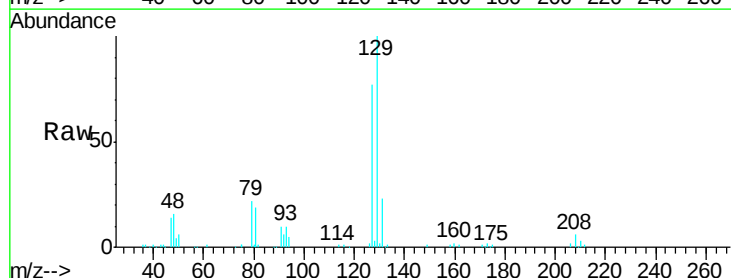
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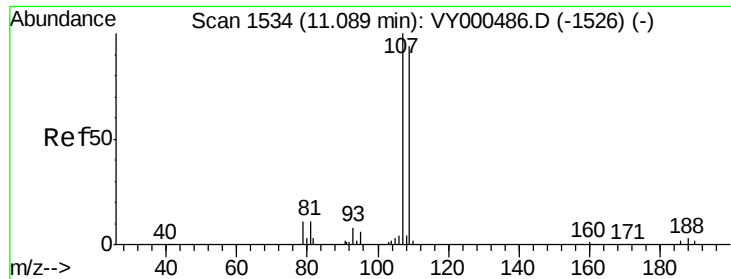
MMDadoda
11/8/2019 4:07:34 PM



#60
Dibromochloromethane
Concen: 20.488 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion: 129 Resp: 61232
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.743 ug/l

RT: 11.10 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 107 Resp: 52038

Ion Ratio Lower Upper

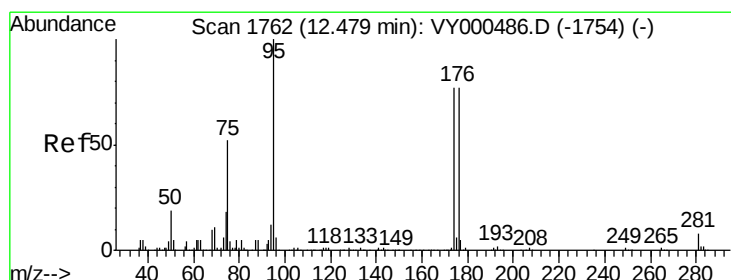
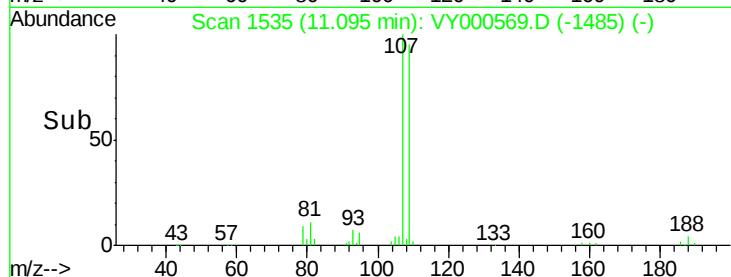
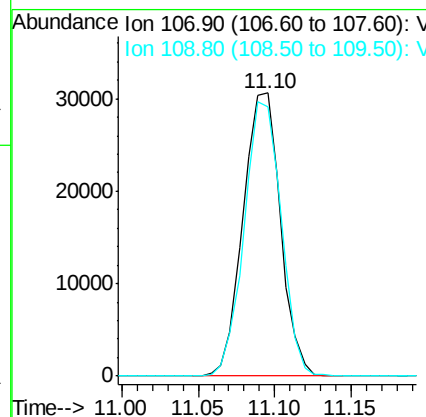
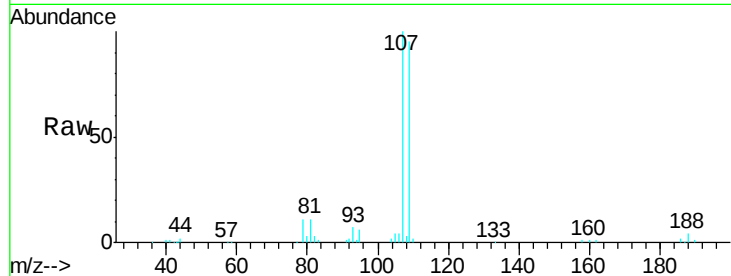
107 100

109 96.2 73.6 110.4

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#62

4-Bromofluorobenzene

Concen: 49.370 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

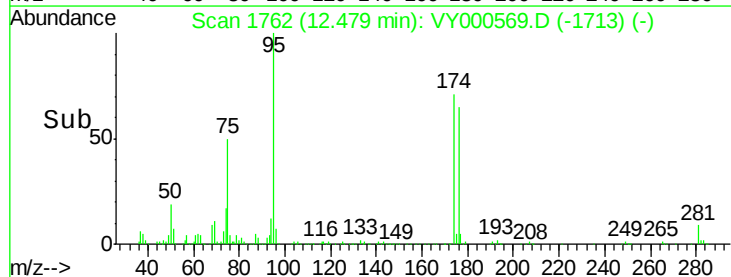
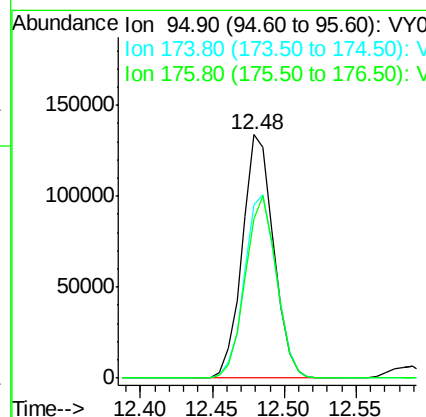
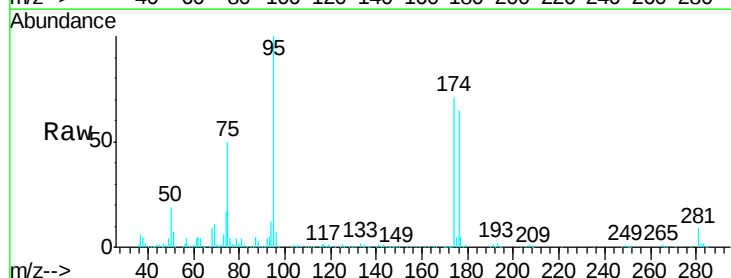
Tgt Ion: 95 Resp: 201324

Ion Ratio Lower Upper

95 100

174 76.9 0.0 161.6

176 74.6 0.0 157.8





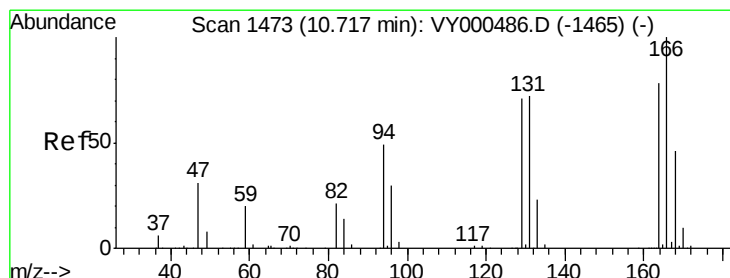
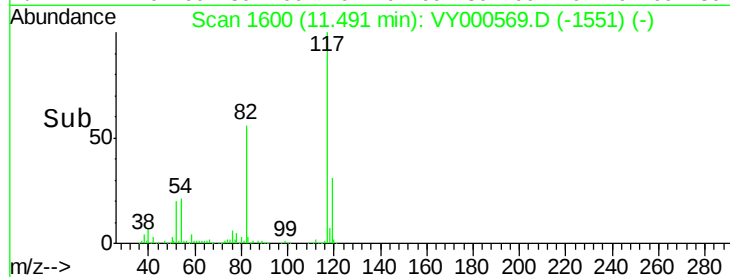
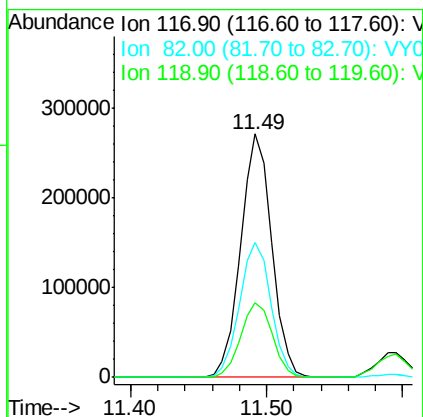
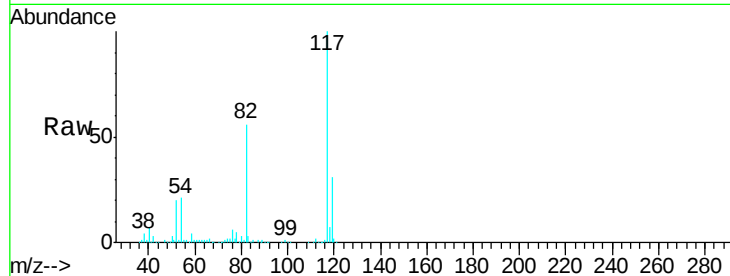
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	431293		
82	55.5	40.8	61.2	
119	30.6	26.2	39.2	

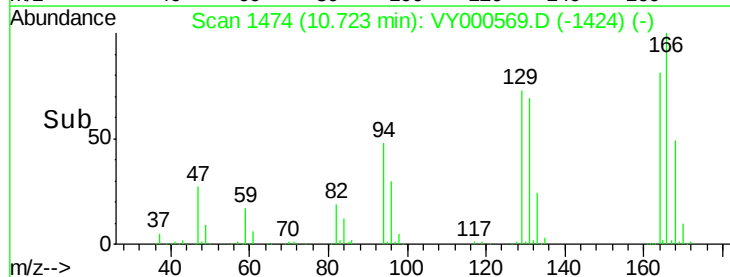
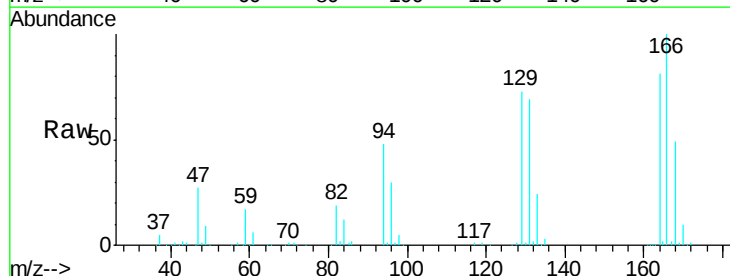
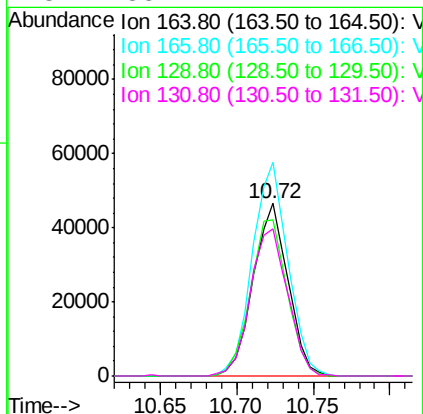
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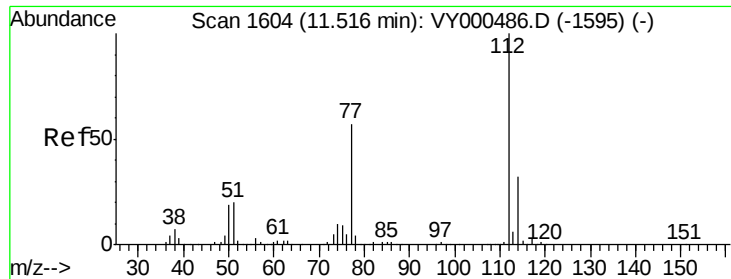
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#64
Tetrachloroethene
Concen: 20.731 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	73931		
166	123.6	102.7	154.1	
129	90.1	73.2	109.8	
131	85.2	74.2	111.2	





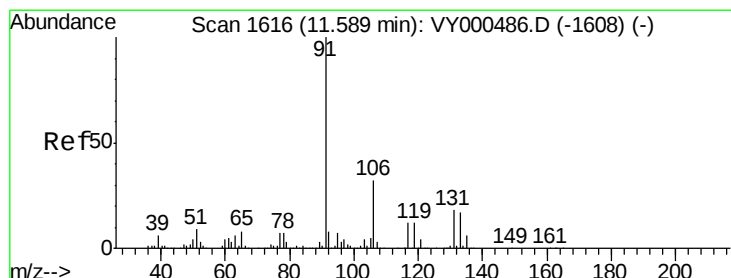
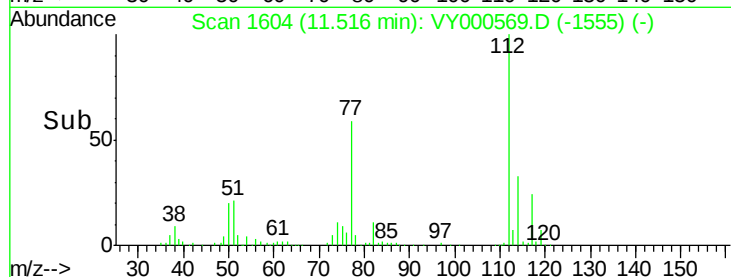
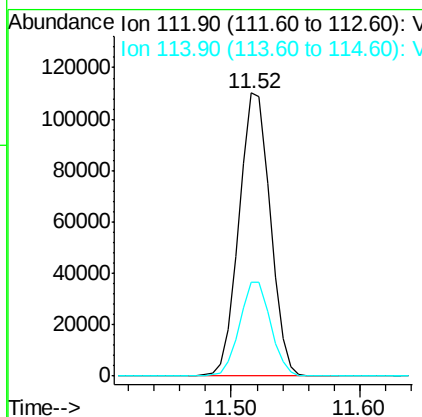
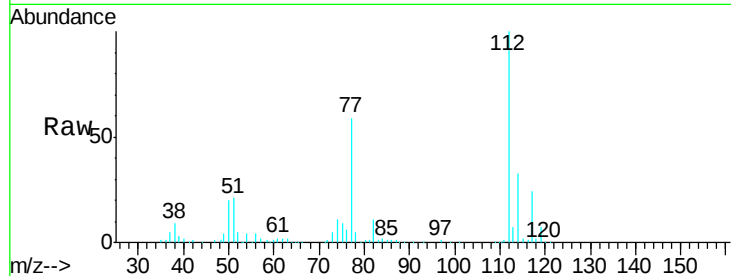
#65
Chlorobenzene
Concen: 21.132 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion:112 Resp: 184787
Ion Ratio Lower Upper
112 100
114 33.3 25.3 37.9

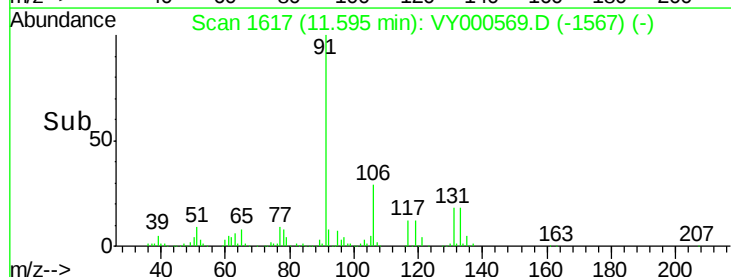
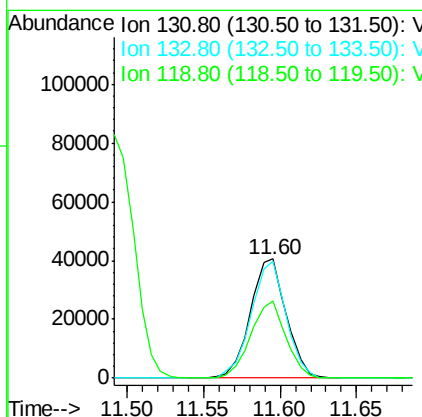
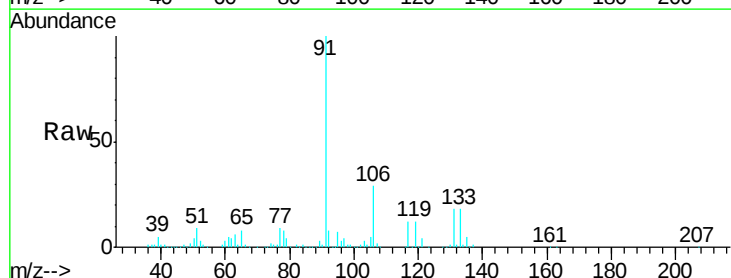
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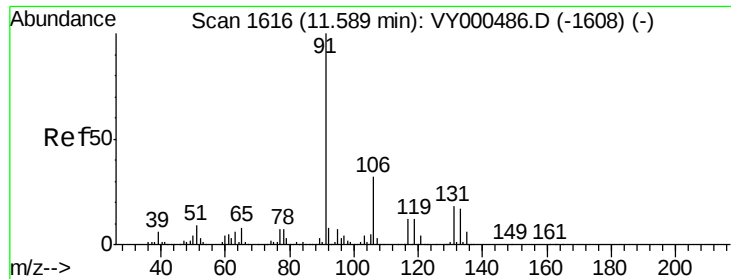
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.752 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion:131 Resp: 65967
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.8
119 63.7 33.1 99.3





#67

Ethyl Benzene

Concen: 21.637 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 91 Resp: 348208

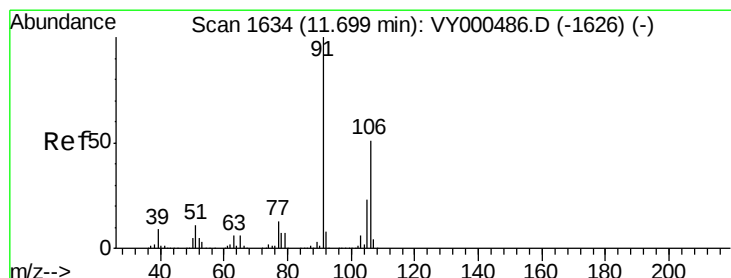
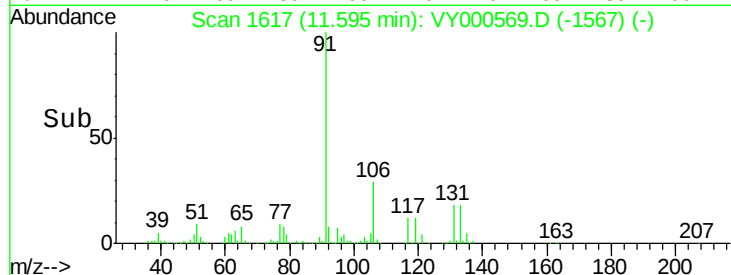
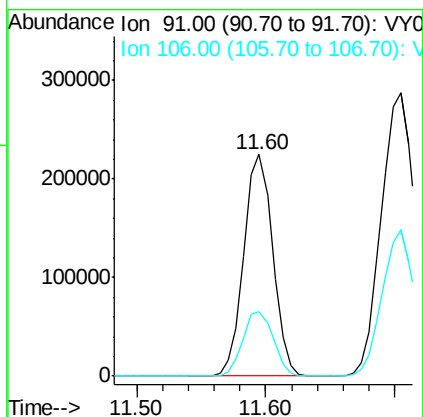
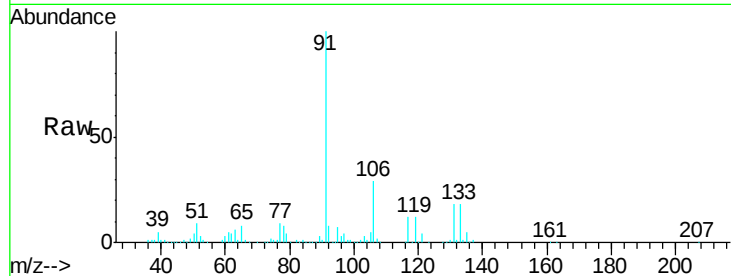
Ion Ratio Lower Upper

91 100

106 29.3 25.4 38.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 41.942 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY000569.D

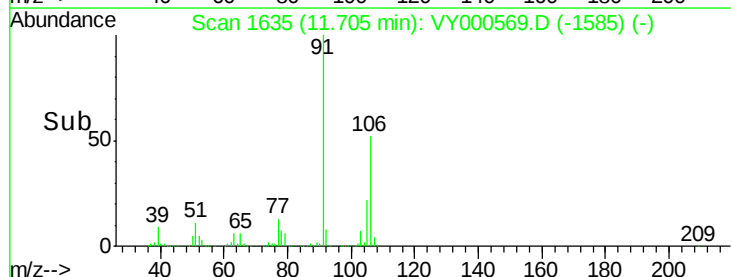
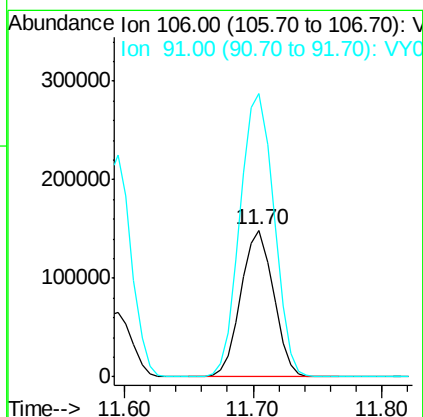
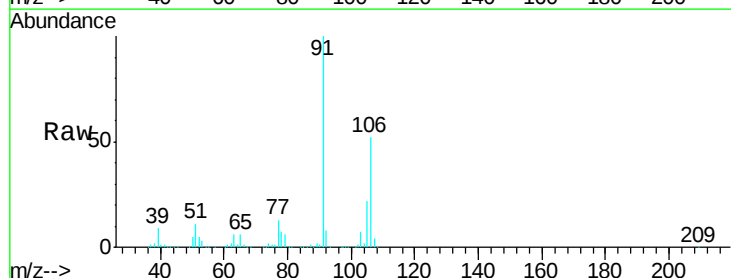
Acq: 07 Nov 2019 11:01

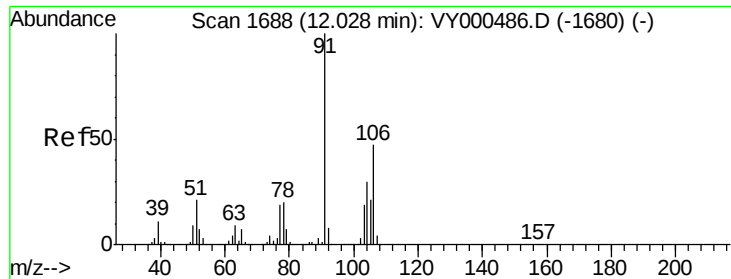
Tgt Ion: 106 Resp: 261249

Ion Ratio Lower Upper

106 100

91 201.4 155.9 233.9





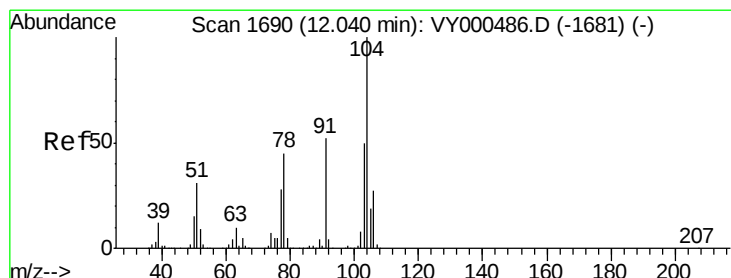
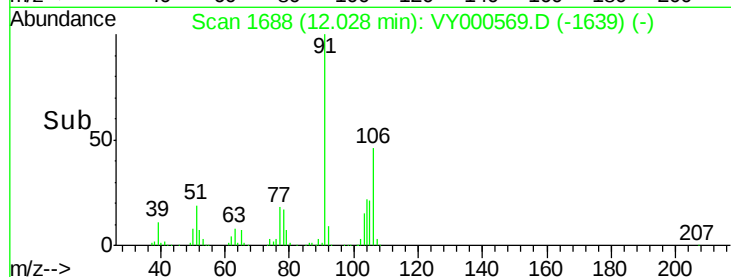
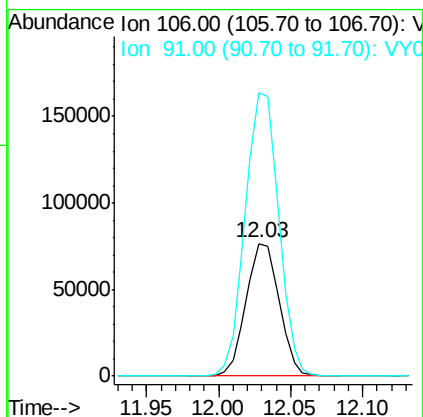
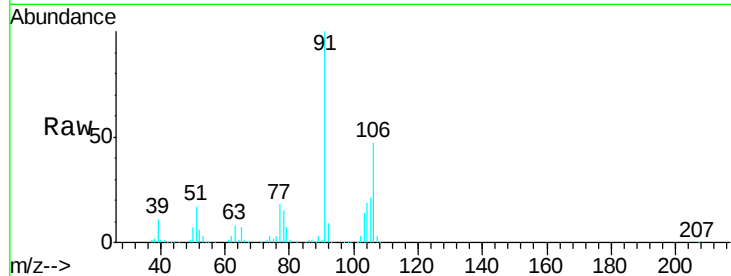
#69
o-Xylene
Concen: 20.877 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion:106 Resp: 122214
Ion Ratio Lower Upper
106 100
91 216.5 106.5 319.6

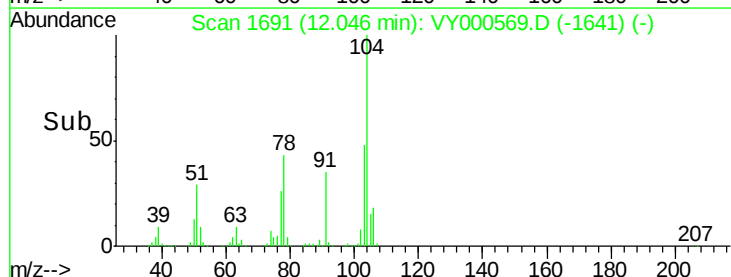
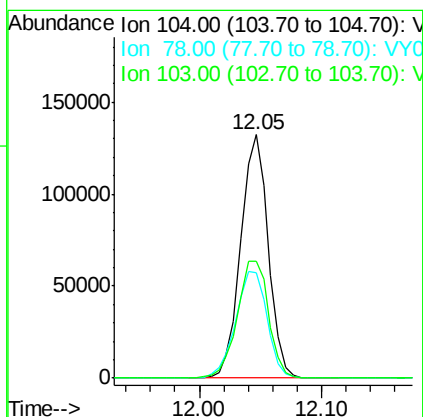
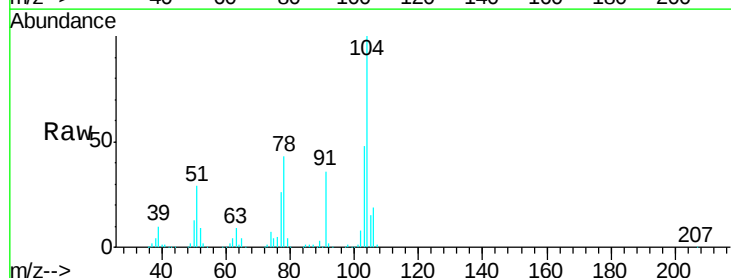
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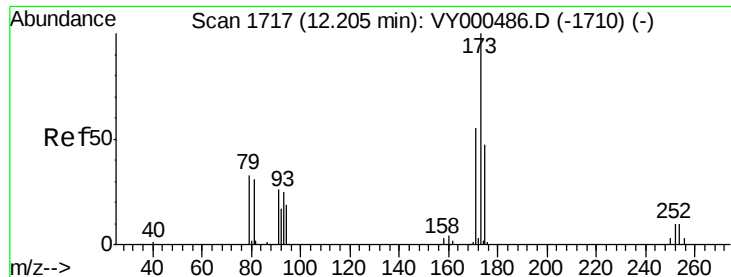
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#70
Styrene
Concen: 20.553 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion:104 Resp: 206027
Ion Ratio Lower Upper
104 100
78 50.2 39.0 58.4
103 54.9 42.5 63.7





#71

Bromoform

Concen: 20.410 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

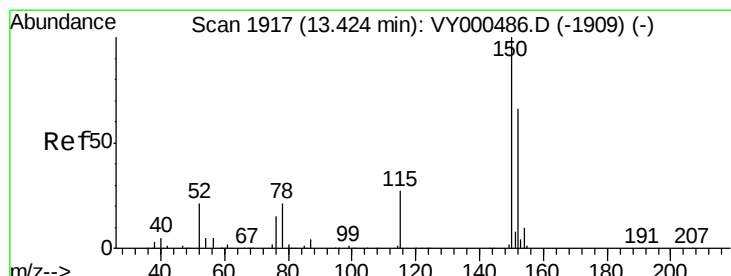
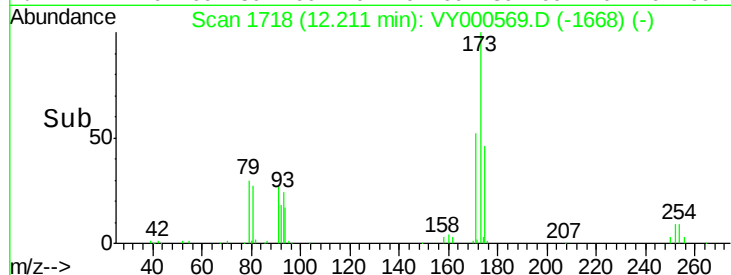
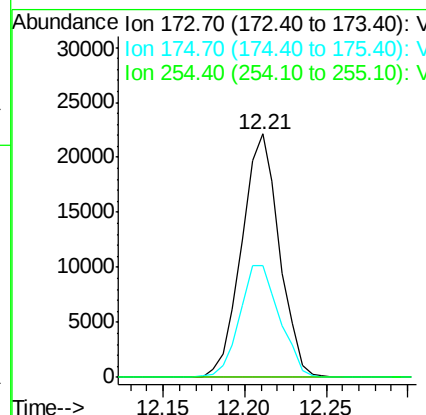
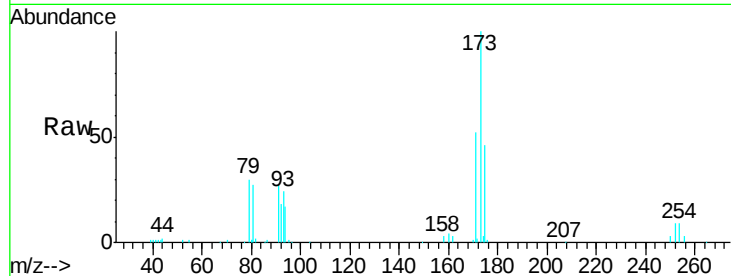
ClientSampleId :

VY1107SBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	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

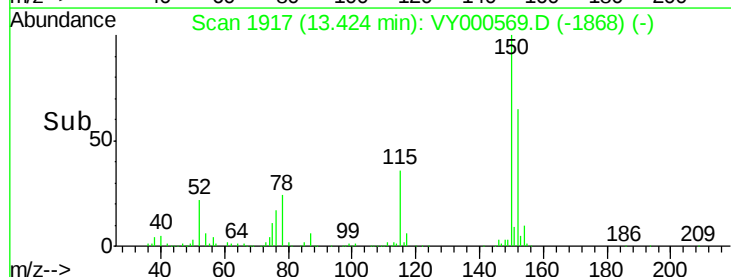
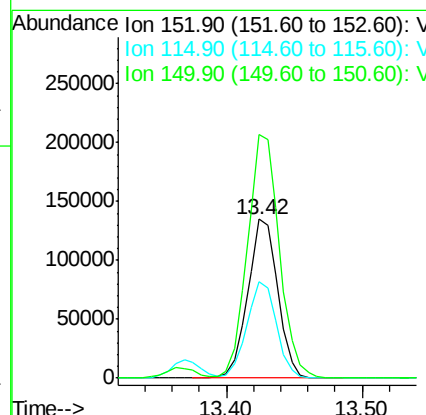
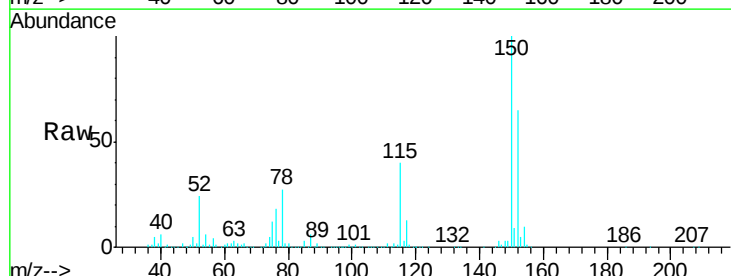
RT: 13.42 min Scan# 1917

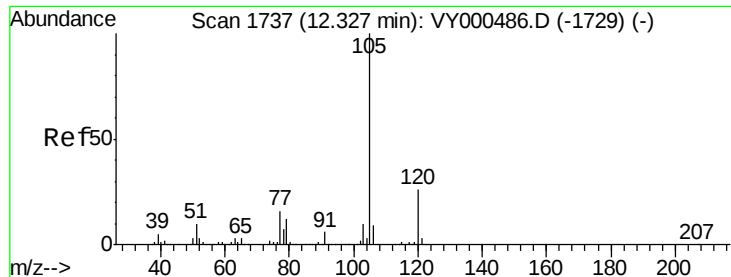
Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.1	87.4
150	162.9	0.0	348.8





#73

Isopropylbenzene

Concen: 21.716 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 105 Resp: 333514

Ion Ratio Lower Upper

105 100

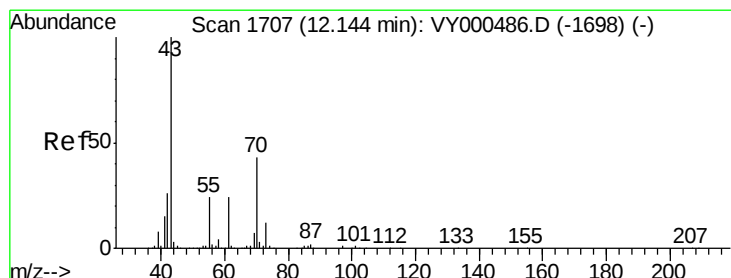
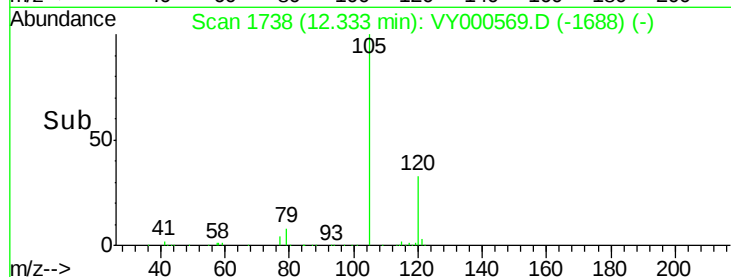
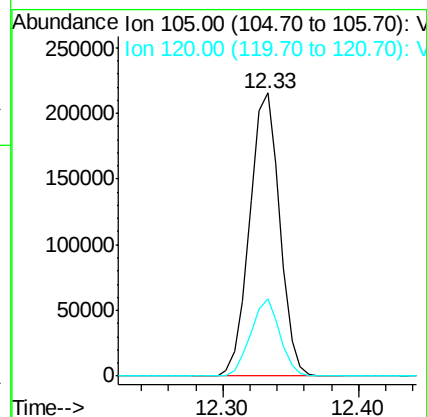
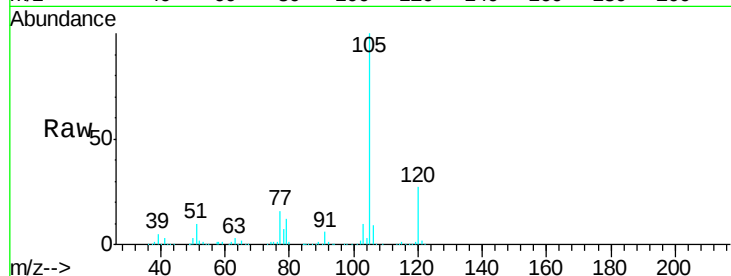
120 26.5 13.5 40.4

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#74

N-ethyl acetate

Concen: 22.060 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Tgt Ion: 43 Resp: 97030

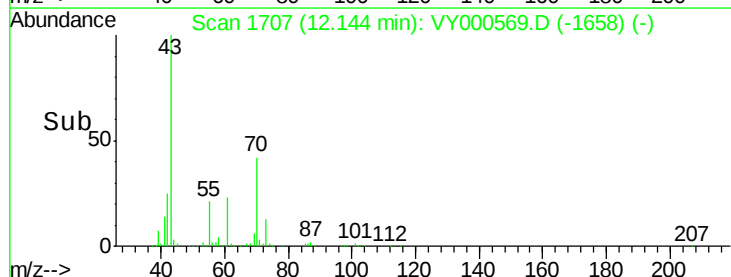
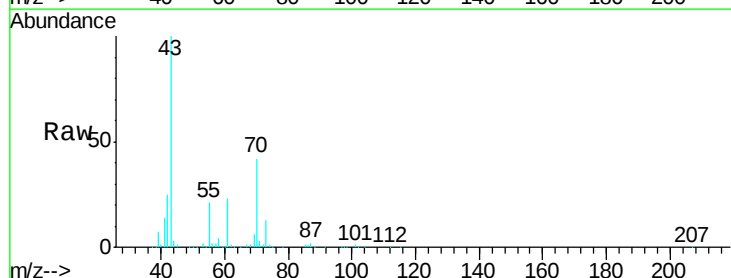
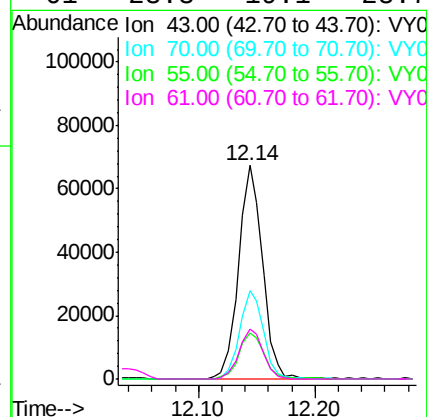
Ion Ratio Lower Upper

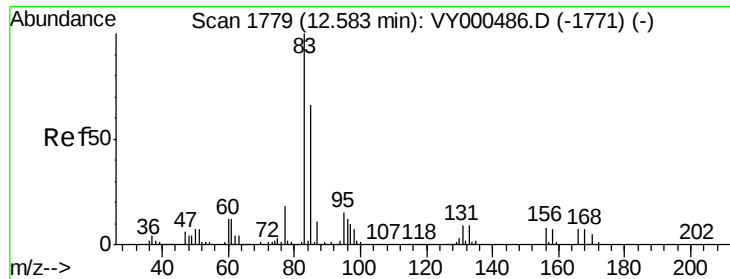
43 100

70 41.0 33.1 49.7

55 22.2 18.0 27.0

61 23.3 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.461 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

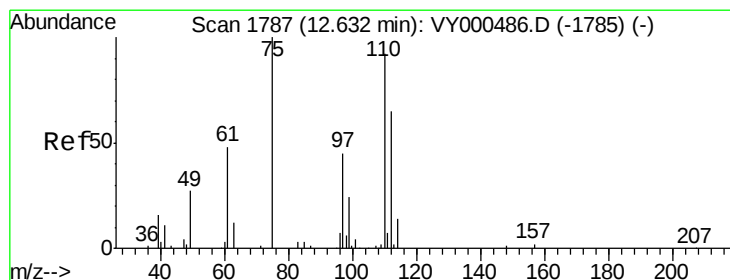
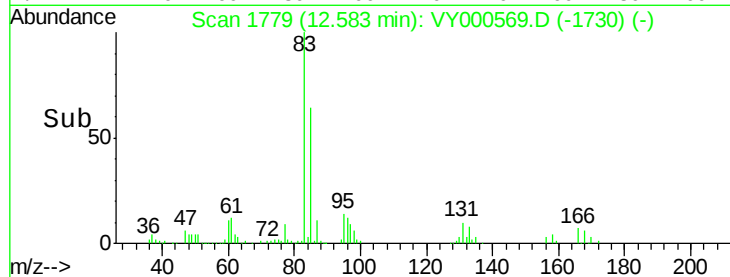
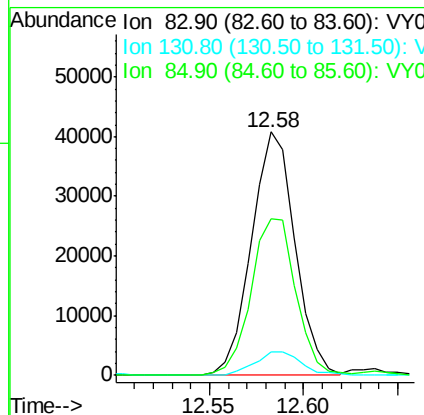
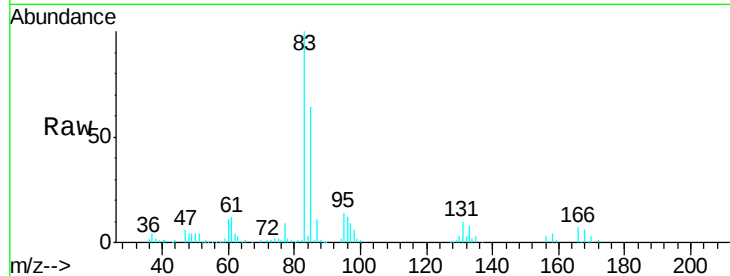
ClientSampled :

VY1107SBS01

Tgt Ion:	83	Resp:	65262
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.0	14.9
85	66.4	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 17.739 ug/l m

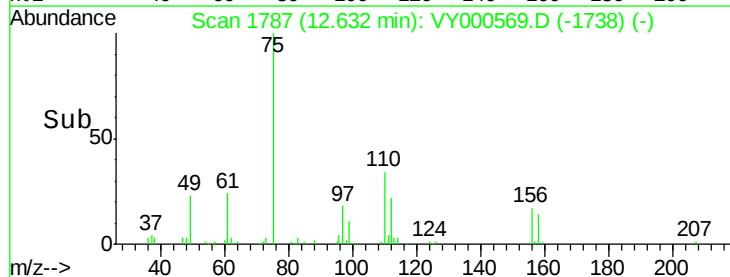
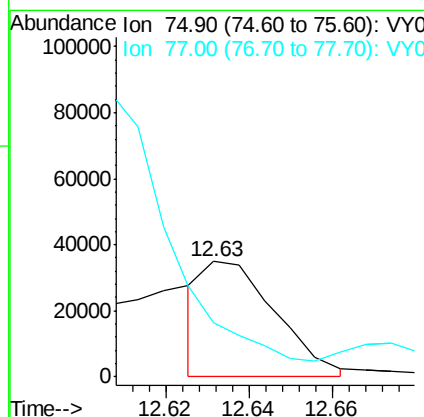
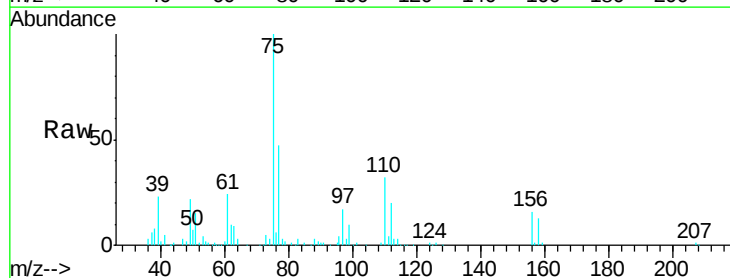
RT: 12.63 min Scan# 1787

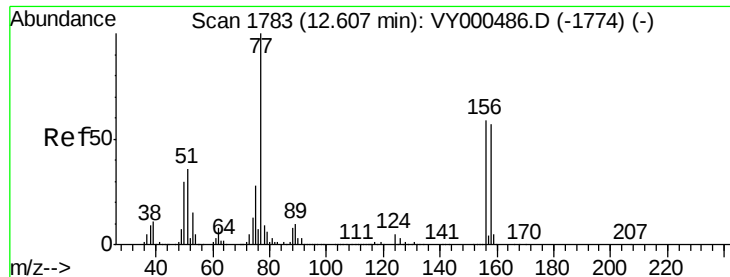
Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Tgt Ion:	75	Resp:	41973
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.953 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion:156 Resp: 72976

Ion Ratio Lower Upper

156 100

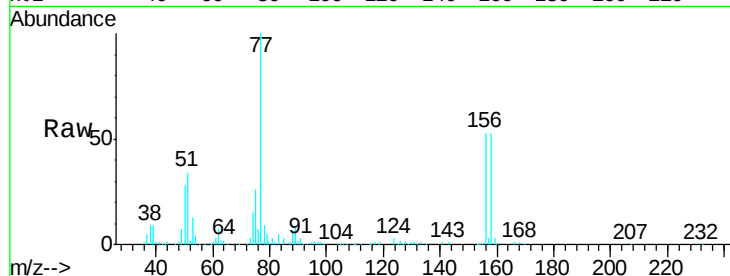
77 202.8 98.2 294.4

158 97.0 49.6 149.0

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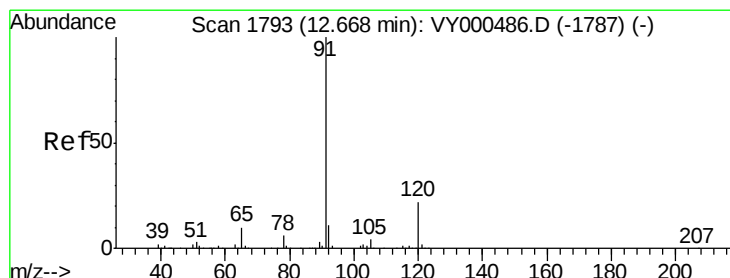
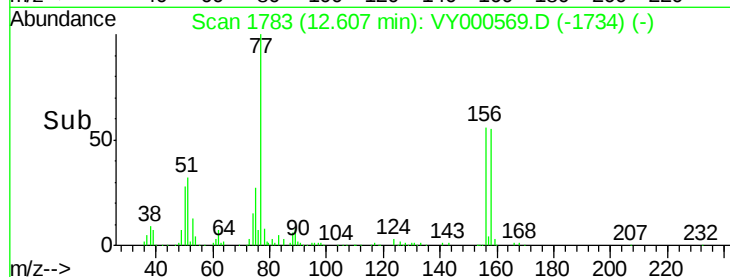
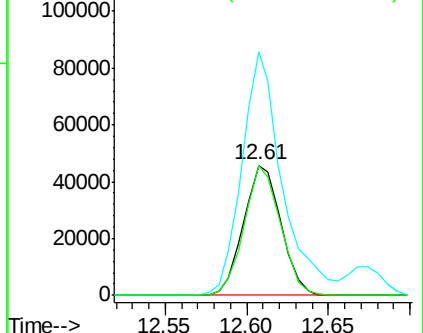
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.716 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY000569.D

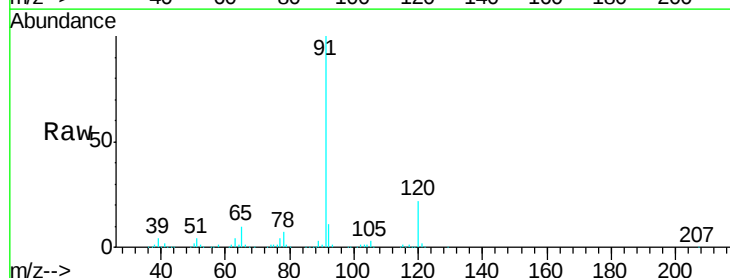
Acq: 07 Nov 2019 11:01

Tgt Ion: 91 Resp: 402417

Ion Ratio Lower Upper

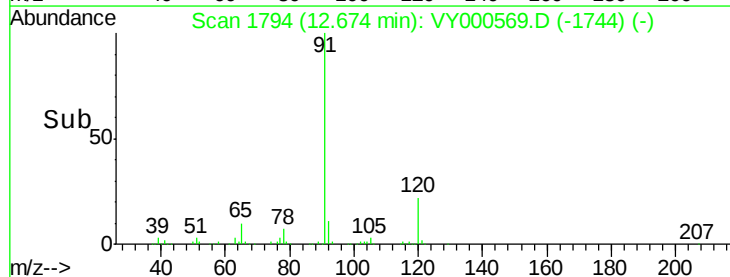
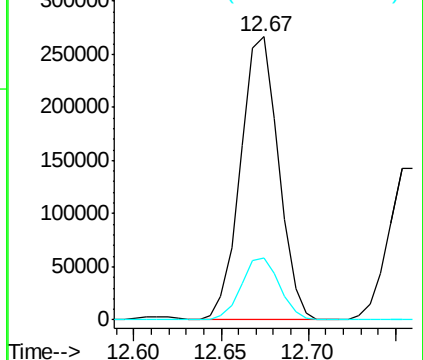
91 100

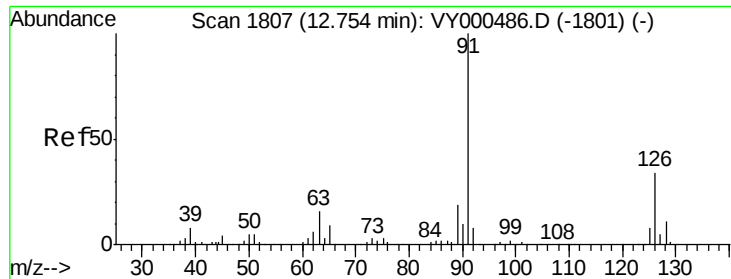
120 22.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.123 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 91 Resp: 227594

Ion Ratio Lower Upper

91 100

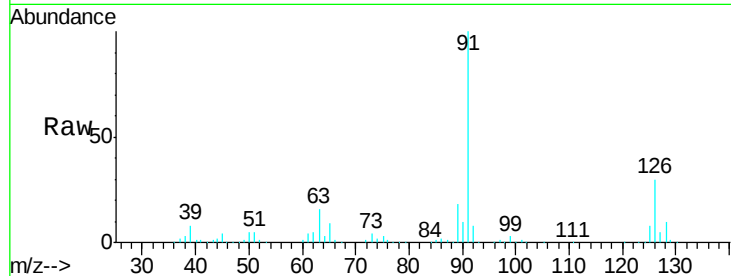
126 33.6 17.7 53.1

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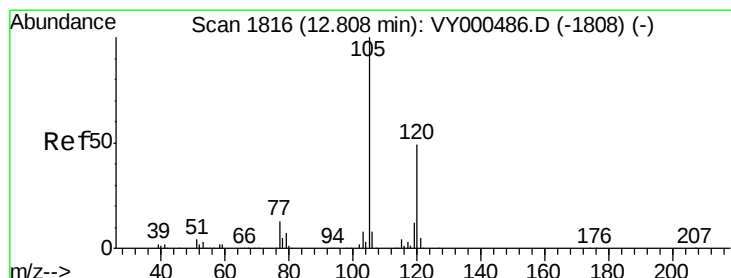
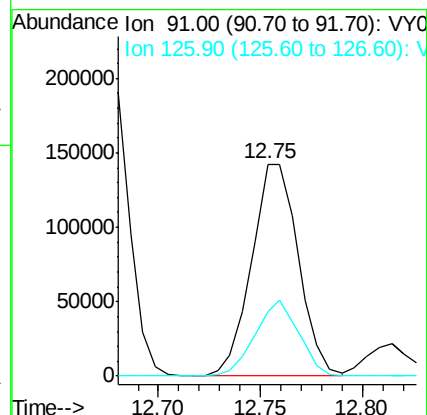
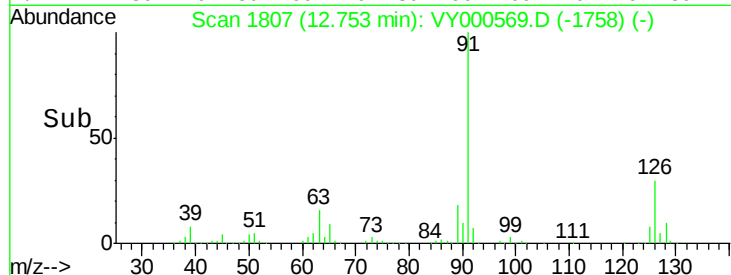
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Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY000486.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.809 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY000569.D

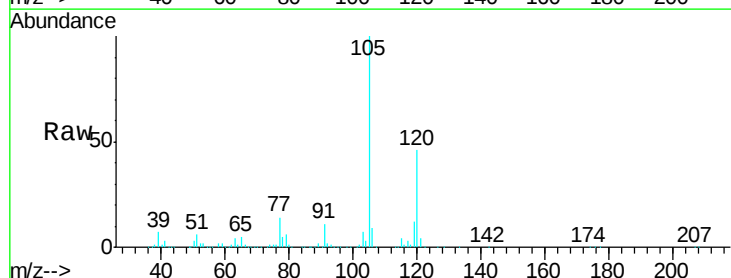
Acq: 07 Nov 2019 11:01

Tgt Ion: 105 Resp: 278964

Ion Ratio Lower Upper

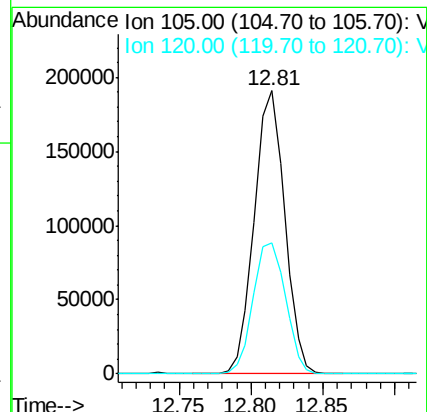
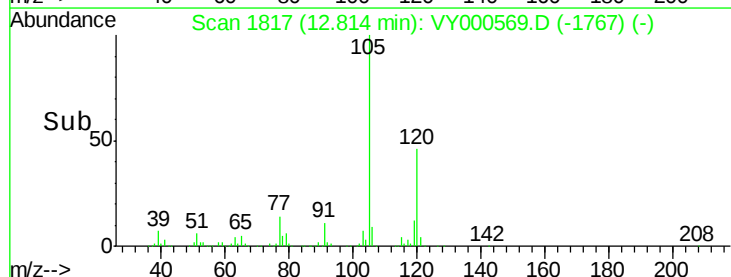
105 100

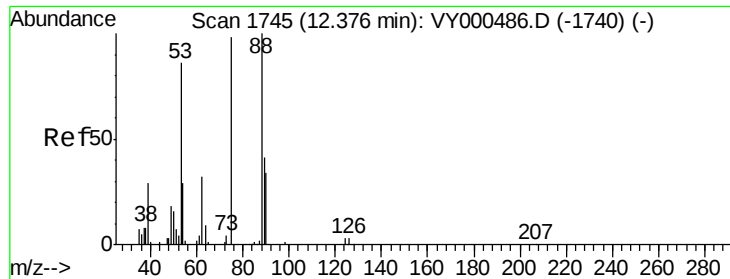
120 49.6 24.9 74.8



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

Ion 120.00 (119.70 to 120.70): VY000486.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.090 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

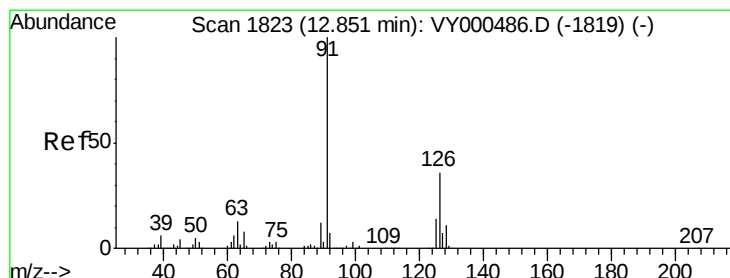
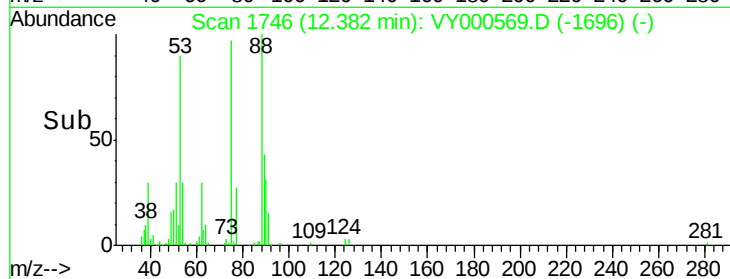
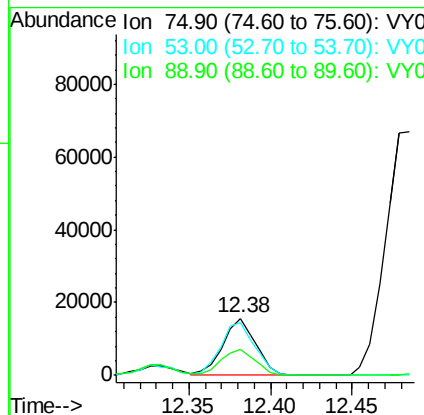
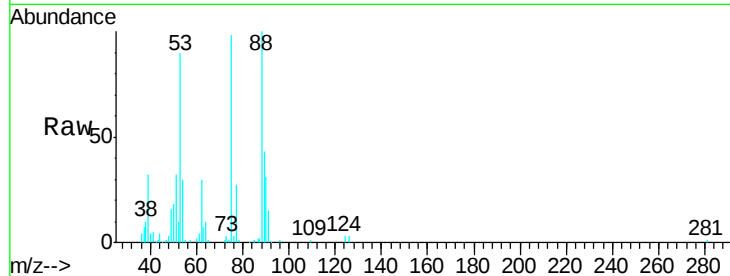
ClientSampleId :

VY1107SBS01

Tgt Ion:	75	Resp:	22256
Ion	Ratio	Lower	Upper
75	100		
53	97.2	73.2	109.8
89	46.4	35.9	53.9

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#82

4-Chlorotoluene

Concen: 22.294 ug/l

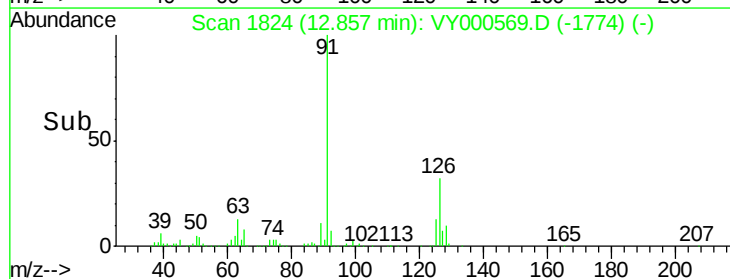
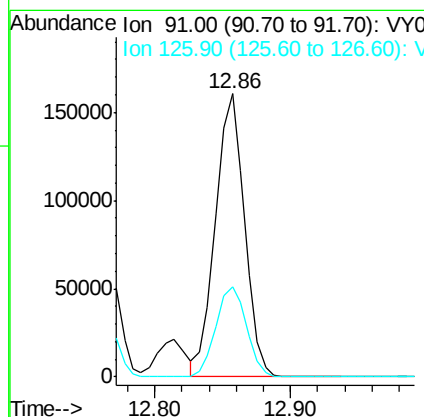
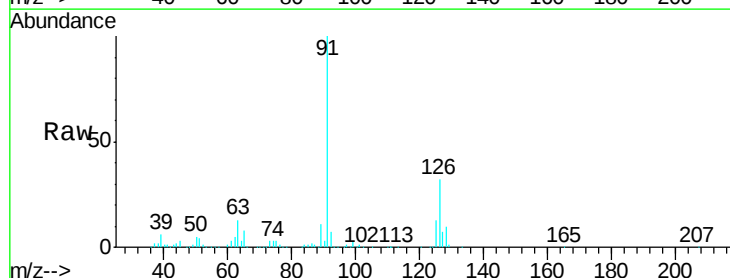
RT: 12.86 min Scan# 1824

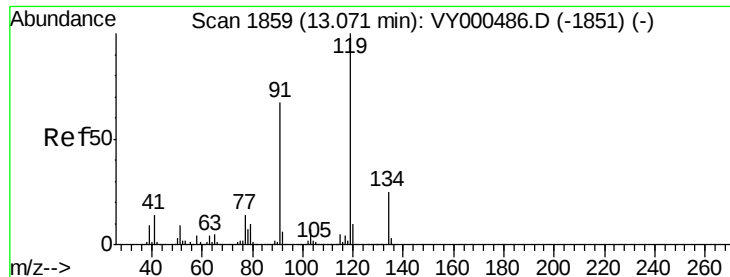
Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Tgt Ion:	91	Resp:	237740
Ion	Ratio	Lower	Upper
91	100		
126	33.4	17.6	52.9





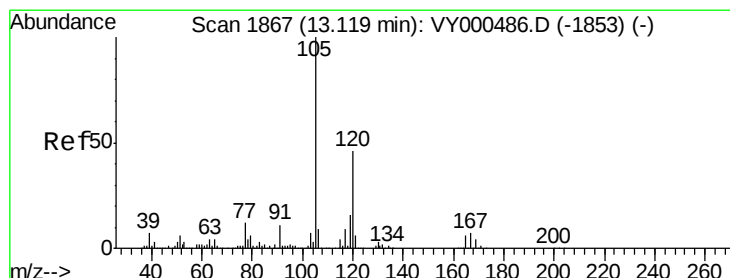
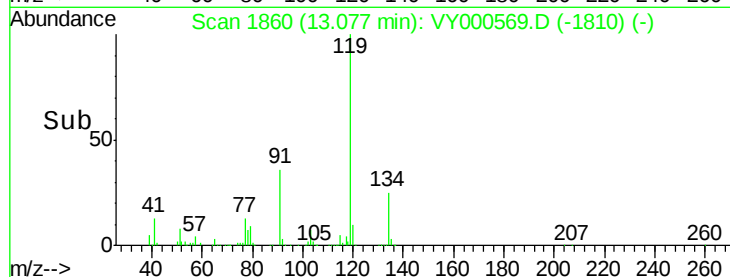
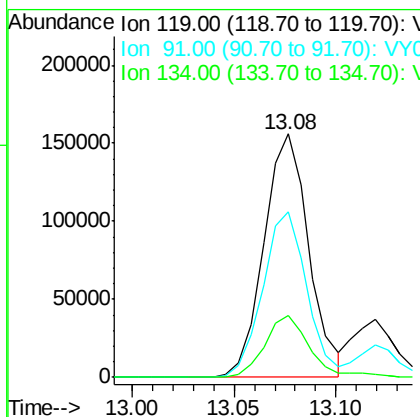
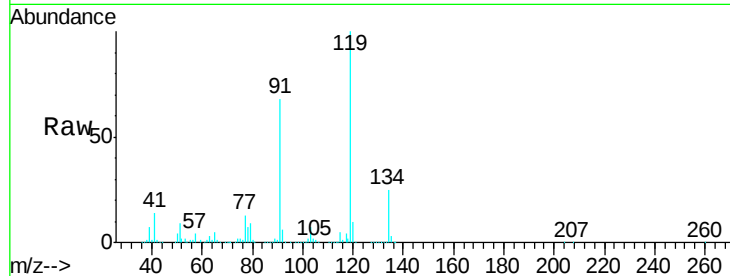
#83
 tert-Butylbenzene
 Concen: 21.884 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	239002		
91	66.6	32.1	96.3	
134	25.8	13.2	39.5	

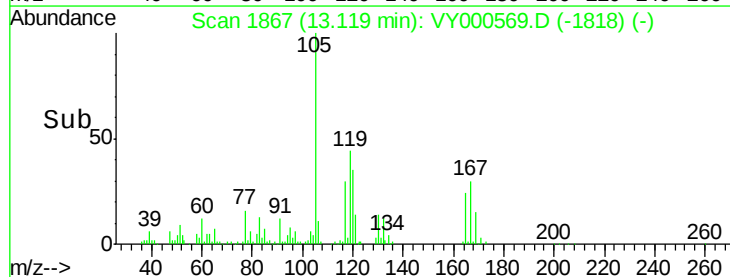
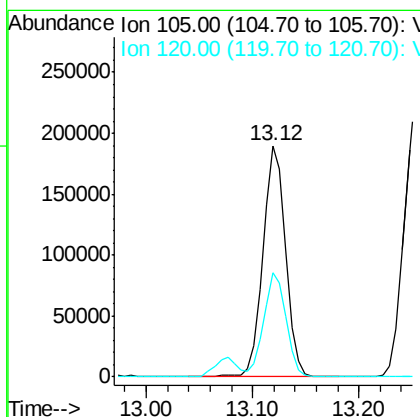
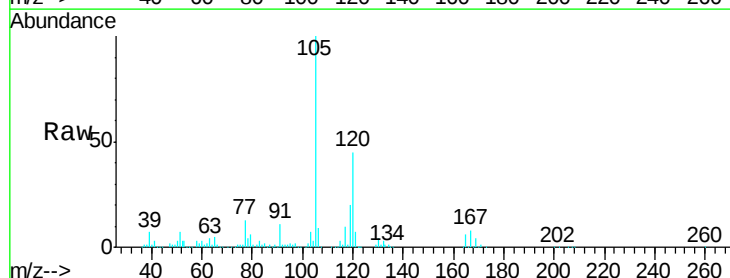
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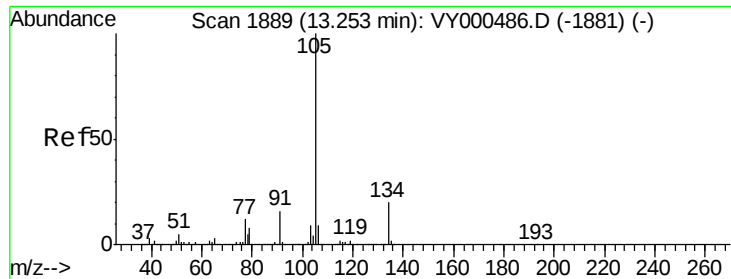
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.173 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	282386		
120	44.2	23.3	69.9	





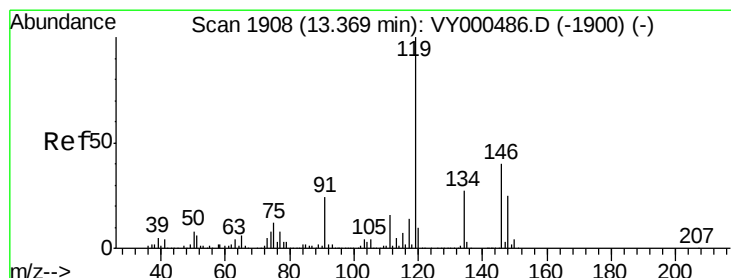
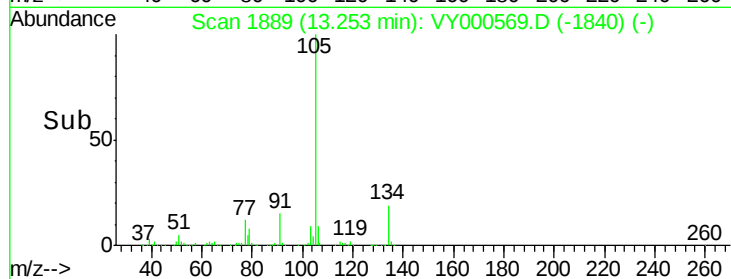
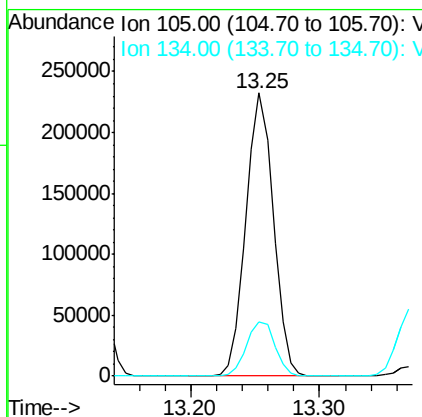
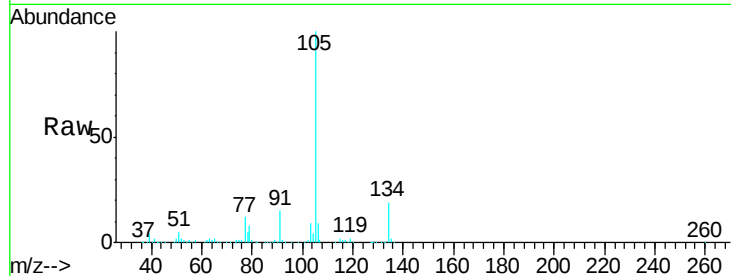
#85
 sec-Butylbenzene
 Concen: 21.949 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.1	30.1

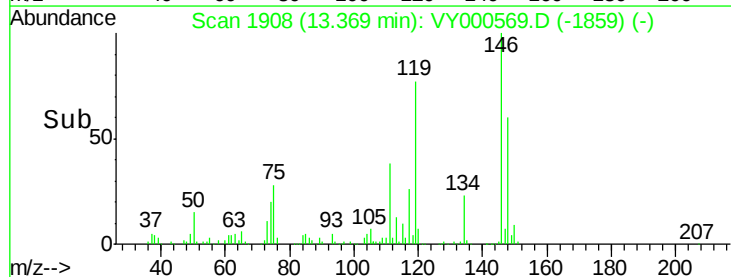
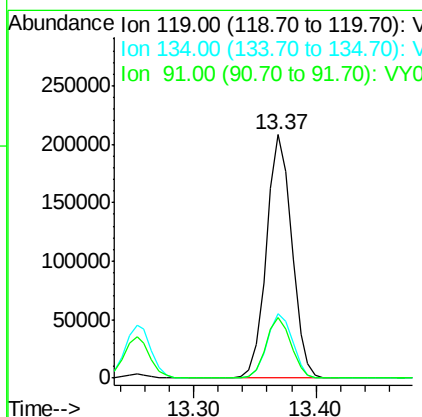
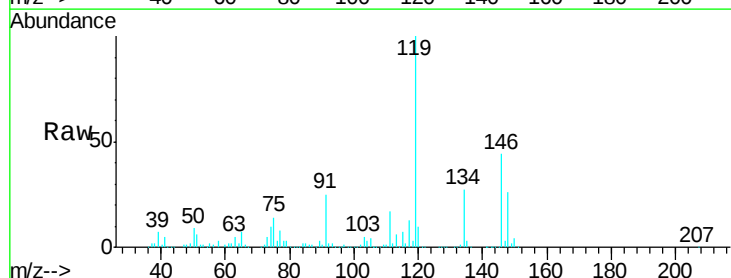
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#86
 p-Isopropyltoluene
 Concen: 21.643 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.6	40.8
91	24.7	12.0	36.1





#87

1,3-Dichlorobenzene

Concen: 21.232 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Instrument :

MSVOA_Y

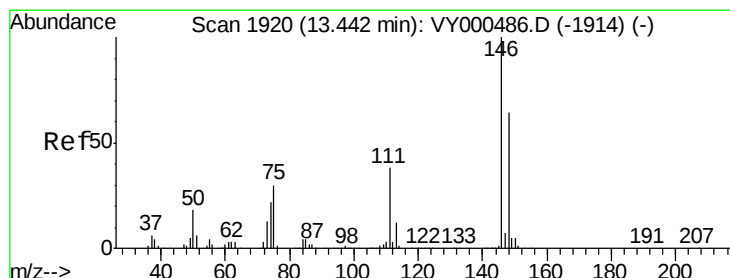
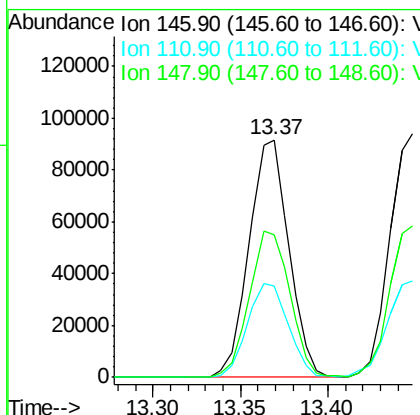
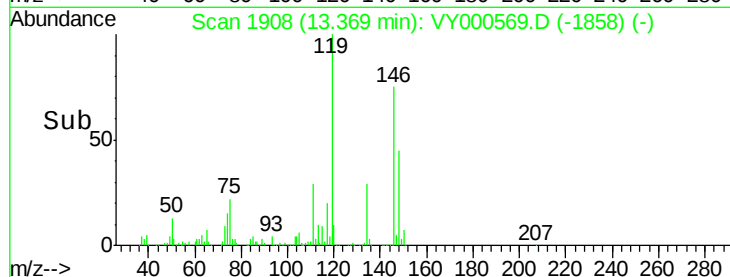
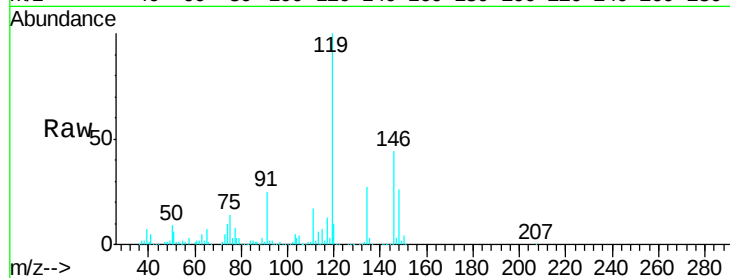
ClientSampleId :

VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	144836		
111	40.7	20.3	60.8	
148	63.0	31.5	94.5	

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#88

1,4-Dichlorobenzene

Concen: 21.222 ug/l

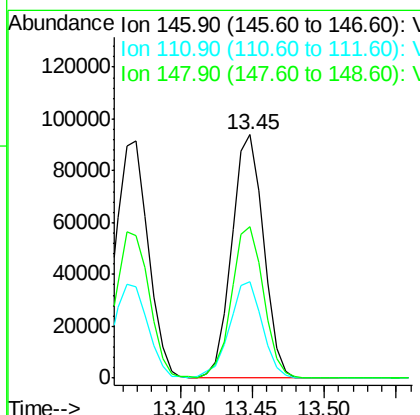
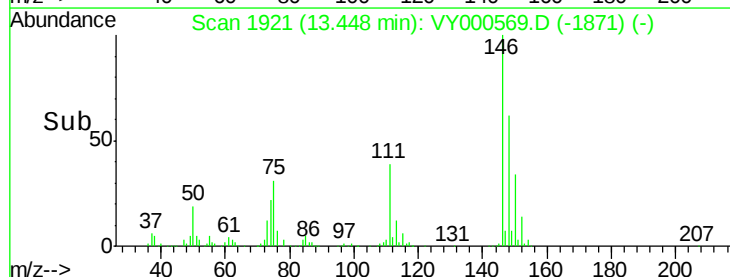
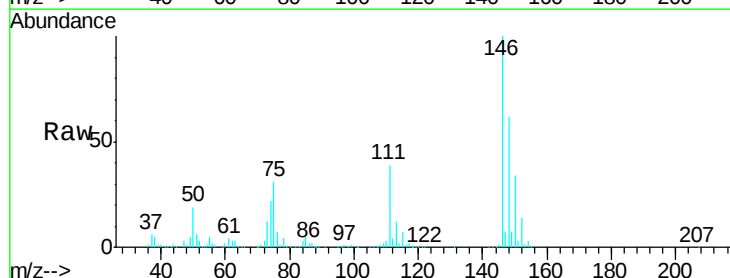
RT: 13.45 min Scan# 1921

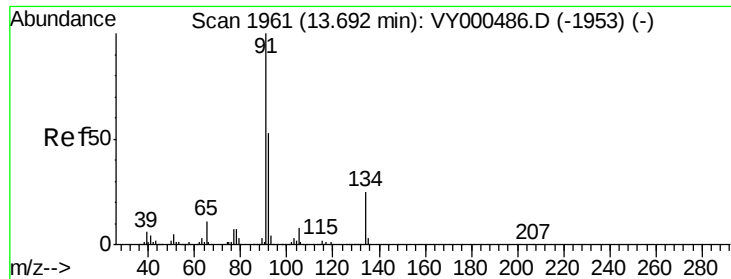
Delta R.T. 0.01 min

Lab File: VY000569.D

Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	144663		
111	41.0	19.7	59.0	
148	62.9	31.9	95.7	





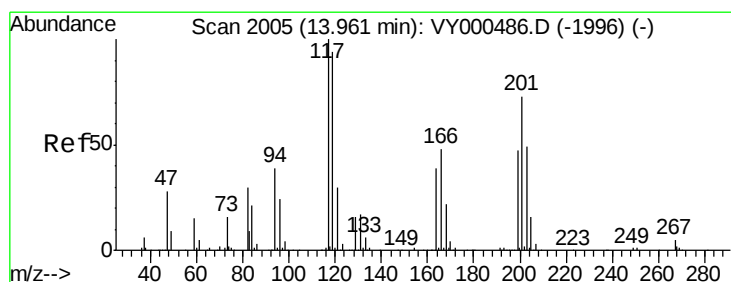
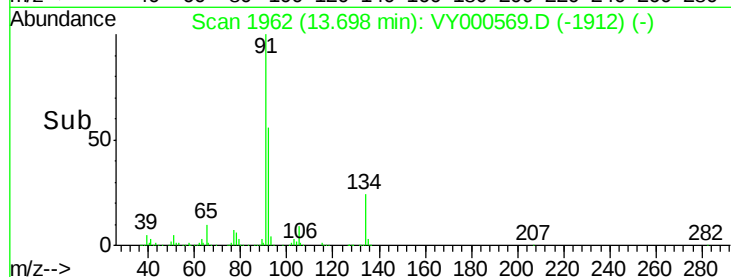
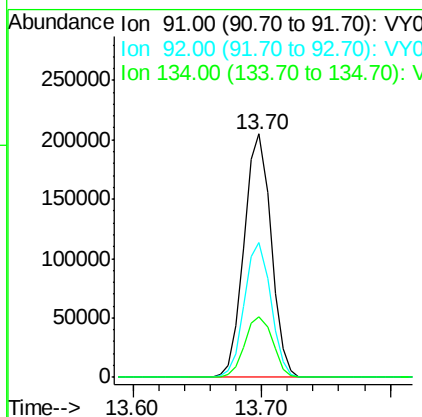
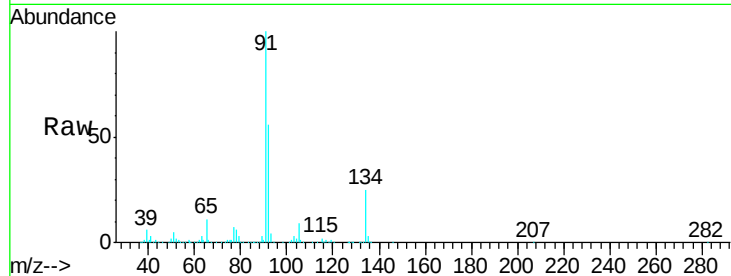
#89
n-Butylbenzene
Concen: 21.691 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	26.8	80.3
134	25.9	12.9	38.7

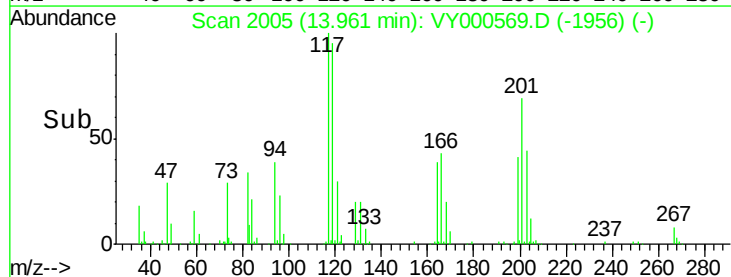
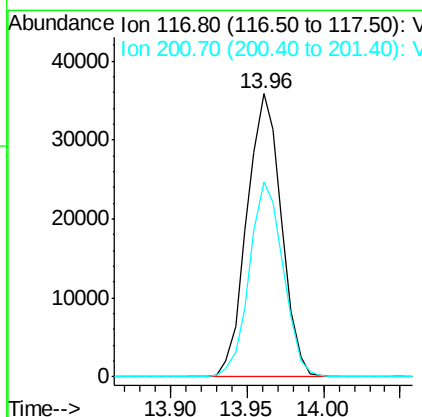
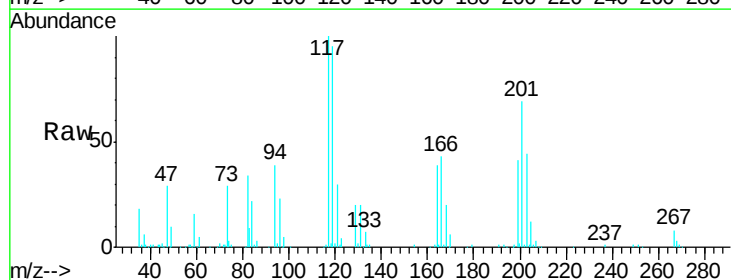
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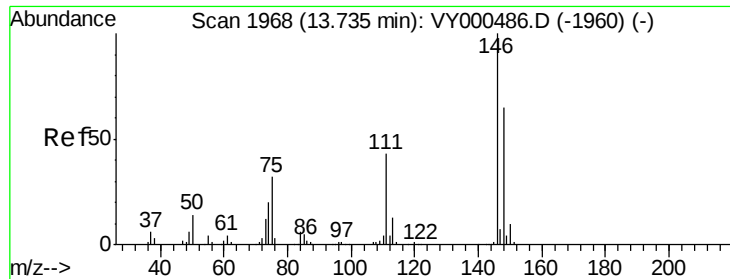
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#90
Hexachloroethane
Concen: 21.965 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.5	35.8	107.3





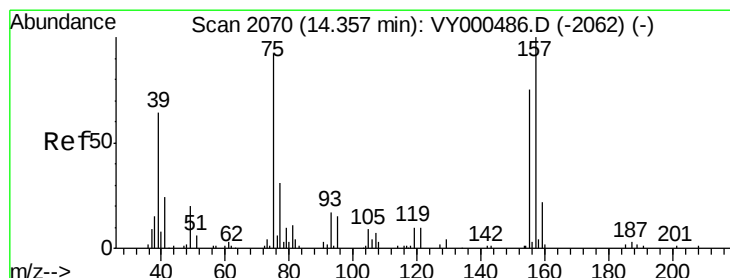
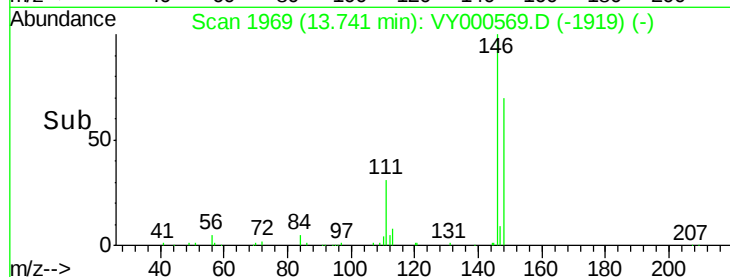
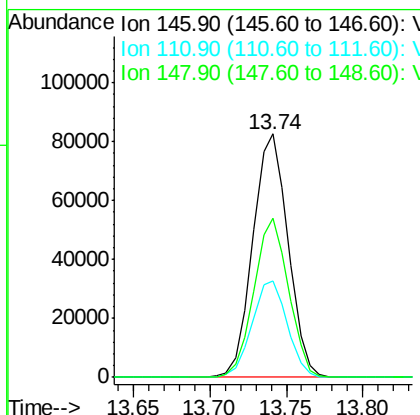
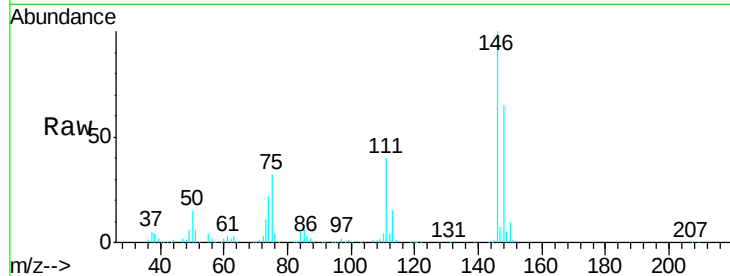
#91
 1,2-Dichlorobenzene
 Concen: 21.375 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.5	61.5
148	64.5	31.7	95.1

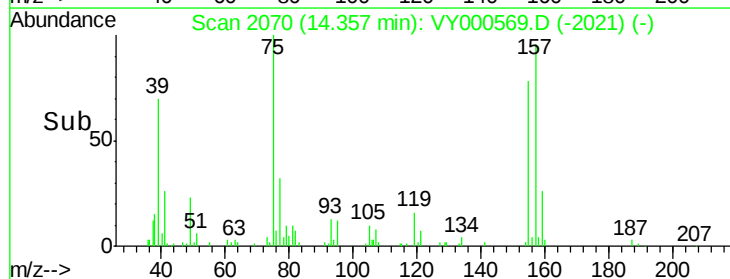
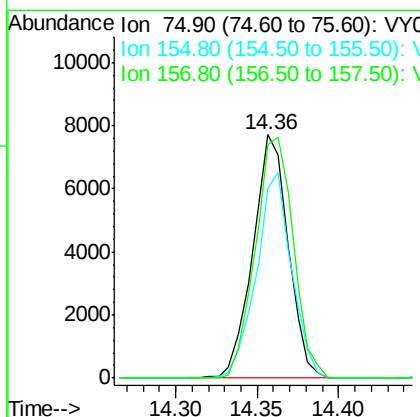
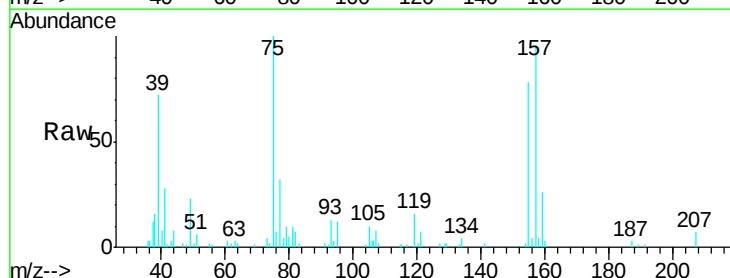
Manual Integrations
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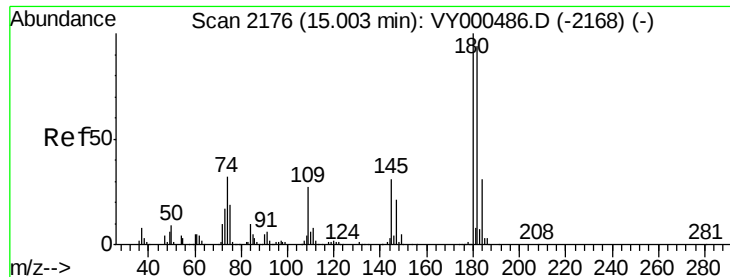
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.669 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.9	42.4	127.1
157	105.9	55.1	165.3





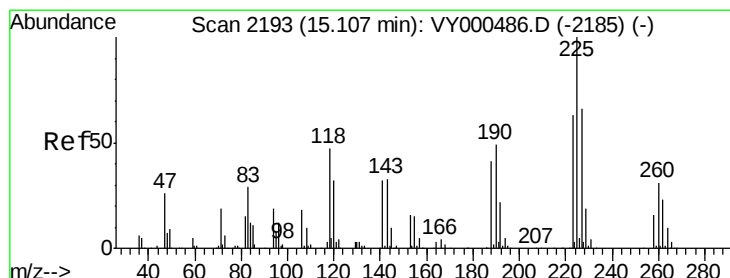
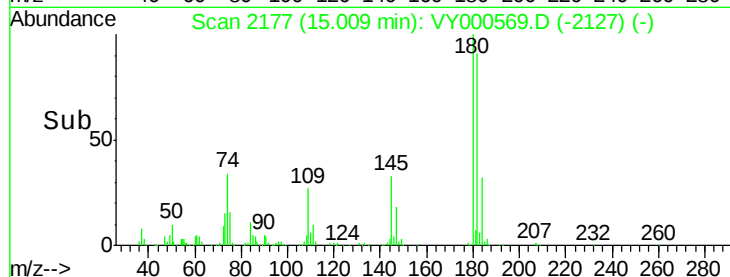
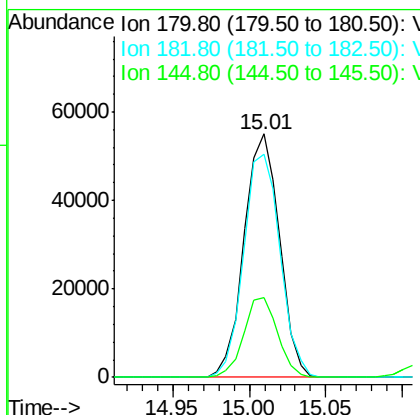
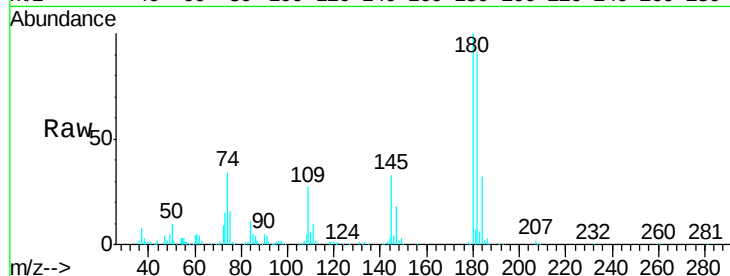
#93
 1,2,4-Trichlorobenzene
 Concen: 21.067 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	88785		
182	94.5	47.8	143.4	
145	31.3	16.0	47.9	

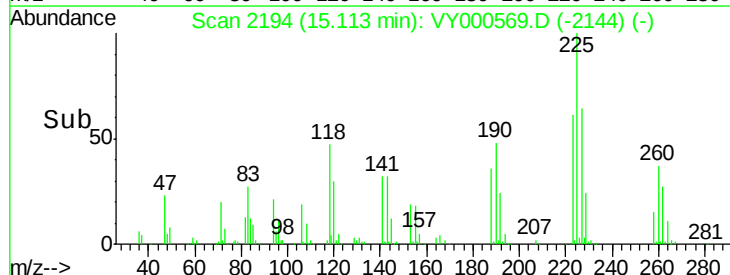
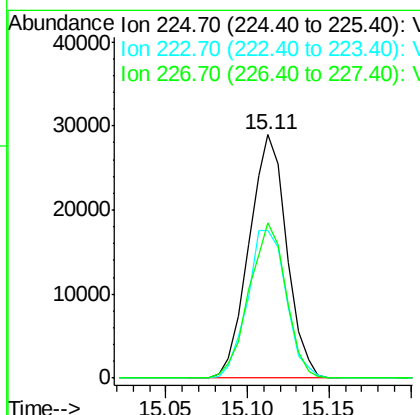
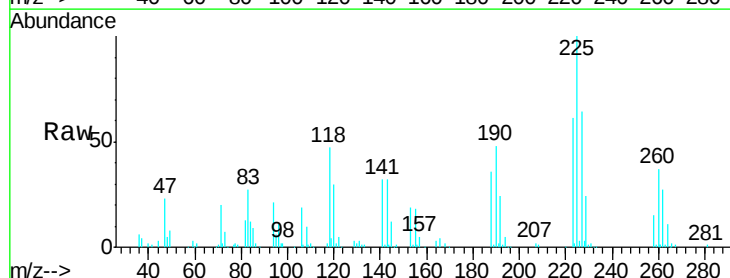
Manual Integrations
 APPROVED

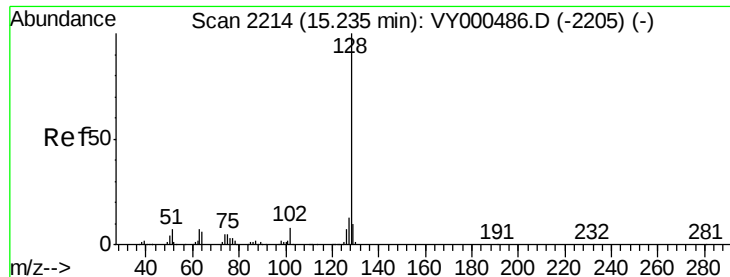
MMDadoda
 11/8/2019 4:07:34 PM



#94
 Hexachlorobutadiene
 Concen: 21.297 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000569.D
 Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46265		
223	63.0	31.3	93.8	
227	62.4	32.4	97.0	





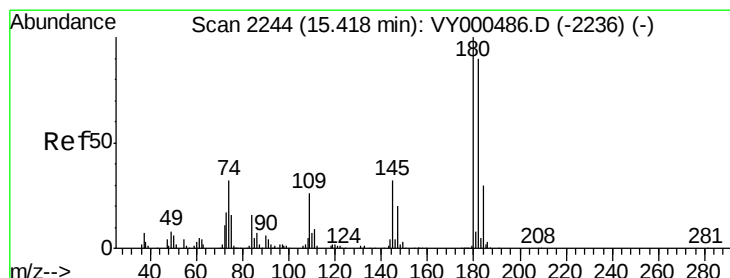
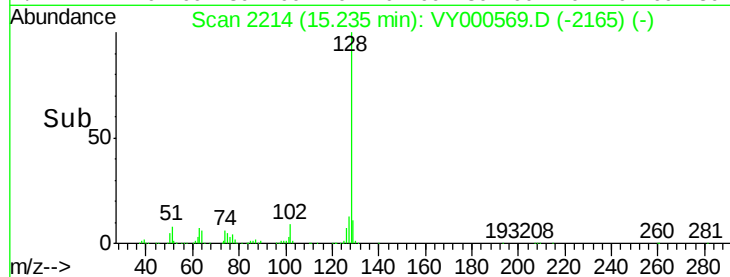
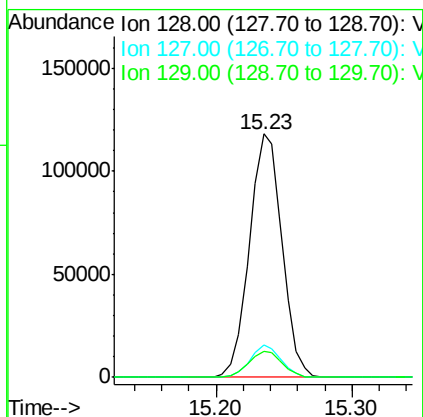
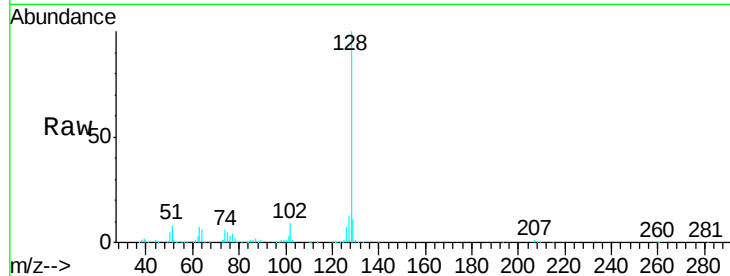
#95
Naphthalene
Concen: 21.216 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.6	9.8	14.6
129	11.2	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/8/2019 4:07:34 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.084 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000569.D
Acq: 07 Nov 2019 11:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.9	47.4	142.3
145	32.1	15.7	47.0

