

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000570.D
 Acq On : 07 Nov 2019 11:23
 Operator : SY/MD
 Sample : VY1107SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 4:07:40 PM

Quant Time: Nov 08 04:00:53 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	284359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	484419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	435131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	210607	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	158533	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
35) Dibromofluoromethane	7.74	113	139991	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	10.19	98	569954	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.48	95	199922	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	58922	21.050	ug/l	97
3) Chloromethane	2.11	50	80162	20.788	ug/l	97
4) Vinyl Chloride	2.25	62	75612	21.116	ug/l	97
5) Bromomethane	2.64	94	49455	23.031	ug/l	94
6) Chloroethane	2.79	64	48562	21.669	ug/l	100
7) Trichlorofluoromethane	3.13	101	109084	22.557	ug/l	94
8) Diethyl Ether	3.53	74	38662	22.500	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	64685	22.125	ug/l	96
10) Methyl Iodide	4.10	142	70791	20.418	ug/l	99
11) Tert butyl alcohol	4.98	59	32933	114.966	ug/l #	89
12) 1,1-Dichloroethene	3.88	96	63283	22.279	ug/l	96
13) Acrolein	3.74	56	23048	92.369	ug/l	99
14) Allyl chloride	4.49	41	109442	23.695	ug/l	98
15) Acrylonitrile	5.18	53	104164	118.337	ug/l	99
16) Acetone	3.96	43	79957	98.584	ug/l	100
17) Carbon Disulfide	4.20	76	189572	21.160	ug/l	99
18) Methyl Acetate	4.49	43	58446	23.176	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	179546	22.735	ug/l	96
20) Methylene Chloride	4.73	84	79598	22.904	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	72546	22.592	ug/l	97
22) Diisopropyl ether	6.13	45	229519	22.863	ug/l	97
23) Vinyl Acetate	6.08	43	742398	117.151	ug/l	99
24) 1,1-Dichloroethane	6.03	63	123656	22.737	ug/l	99
25) 2-Butanone	7.00	43	142789	110.314	ug/l	98
26) 2,2-Dichloropropane	7.00	77	111640	22.462	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	76878	21.894	ug/l	94
28) Bromochloromethane	7.35	49	30731	15.468	ug/l	94
29) Tetrahydrofuran	7.36	42	90491	114.277	ug/l	99
30) Chloroform	7.52	83	122853	22.330	ug/l	97
31) Cyclohexane	7.80	56	126827	22.265	ug/l	93
32) 1,1,1-Trichloroethane	7.72	97	110940	22.626	ug/l	98
36) 1,1-Dichloropropene	7.93	75	100875	22.028	ug/l	98
37) Ethyl Acetate	7.09	43	59232	21.786	ug/l #	95
38) Carbon Tetrachloride	7.91	117	94552	21.458	ug/l	92

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	128679	21.750	ug/l	98
40) Benzene	8.17	78	288797	21.510	ug/l	98
41) Methacrylonitrile	7.33	41	36258m	23.905	ug/l	
42) 1,2-Dichloroethane	8.25	62	83586	21.950	ug/l	100
43) Isopropyl Acetate	8.28	43	116072	22.726	ug/l	98
44) Trichloroethene	8.95	130	76487	21.607	ug/l	97
45) 1,2-Dichloropropane	9.22	63	72661	21.989	ug/l	98
46) Dibromomethane	9.31	93	39365	21.662	ug/l	99
47) Bromodichloromethane	9.50	83	93327	21.643	ug/l	98
48) Methyl methacrylate	9.30	41	50870	22.796	ug/l	96
49) 1,4-Dioxane	9.31	88	11097	453.719	ug/l #	88
51) 4-Methyl-2-Pentanone	10.08	43	305520	112.512	ug/l	98
52) Toluene	10.25	92	186030	21.916	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	102085	22.157	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	118935	22.533	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	56329	21.430	ug/l	98
56) Ethyl methacrylate	10.52	69	83759	22.483	ug/l	98
57) 1,3-Dichloropropane	10.80	76	101418	22.046	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	173740	103.157	ug/l	97
59) 2-Hexanone	10.83	43	218520	110.449	ug/l	99
60) Dibromochloromethane	10.99	129	64014	21.262	ug/l	99
61) 1,2-Dibromoethane	11.09	107	55763	22.065	ug/l	98
64) Tetrachloroethene	10.72	164	76340	21.217	ug/l	96
65) Chlorobenzene	11.52	112	192429	21.812	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	65391	21.372	ug/l	99
67) Ethyl Benzene	11.59	91	360190	22.184	ug/l	99
68) m/p-Xylenes	11.70	106	268393	42.709	ug/l	95
69) o-Xylene	12.03	106	126887	21.484	ug/l	98
70) Styrene	12.05	104	219312	21.685	ug/l	99
71) Bromoform	12.21	173	36600	20.797	ug/l #	96
73) Isopropylbenzene	12.33	105	343108	22.043	ug/l	100
74) N-amyl acetate	12.14	43	103848	23.295	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	71872	23.320	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	42685m	17.800	ug/l	
77) Bromobenzene	12.61	156	76381	21.639	ug/l	95
78) n-propylbenzene	12.67	91	416181	22.160	ug/l	100
79) 2-Chlorotoluene	12.75	91	232688	22.317	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	292557	22.567	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	23775	22.229	ug/l	97
82) 4-Chlorotoluene	12.86	91	246020	22.763	ug/l	97
83) tert-Butylbenzene	13.08	119	241035	21.776	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	289677	22.443	ug/l	98
85) sec-Butylbenzene	13.25	105	357249	22.654	ug/l	99
86) p-Isopropyltoluene	13.37	119	311936	22.194	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	148825	21.526	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	145729	21.094	ug/l	97
89) n-Butylbenzene	13.70	91	305979	22.072	ug/l	98
90) Hexachloroethane	13.96	117	59367	22.848	ug/l	93
91) 1,2-Dichlorobenzene	13.74	146	137156	21.865	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12537	22.985	ug/l	93

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ClientSampleId :
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Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	90660	21.226	ug/l	99
94) Hexachlorobutadiene	15.11	225	48021	21.811	ug/l	98
95) Naphthalene	15.23	128	213002	22.464	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	81449	21.255	ug/l	98

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

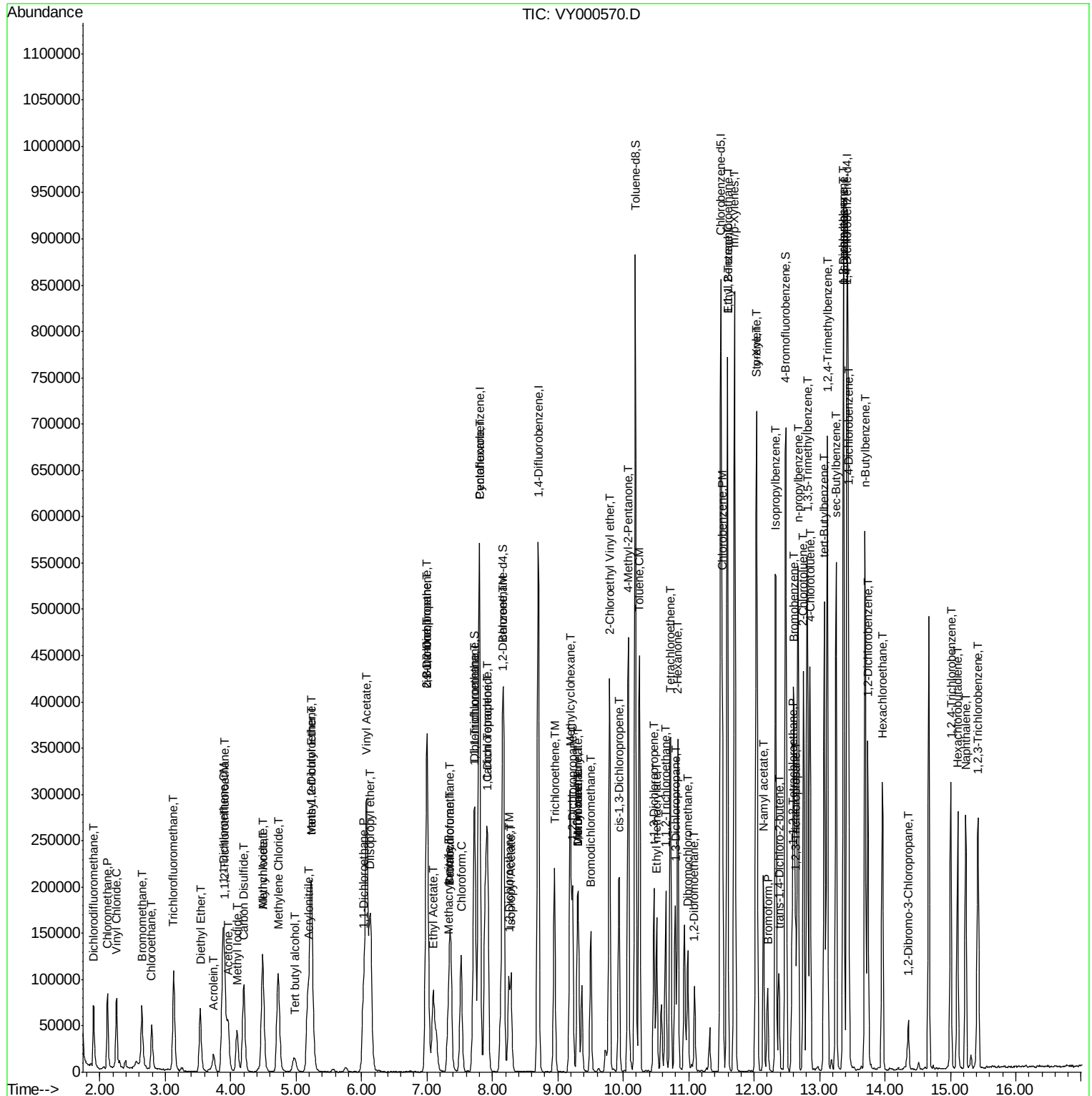
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Data File : VY000570.D
Acq On : 07 Nov 2019 11:23
Operator : SY/MD
Sample : VY1107SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

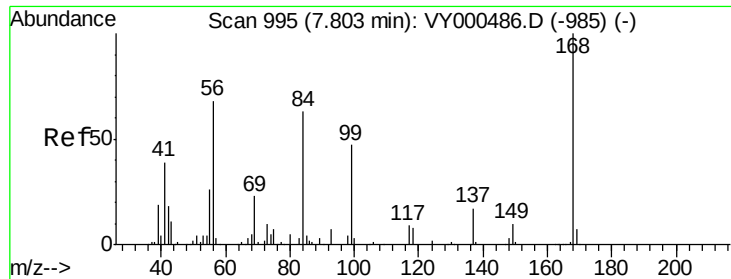
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion:168 Resp: 284359

Ion Ratio Lower Upper

168 100

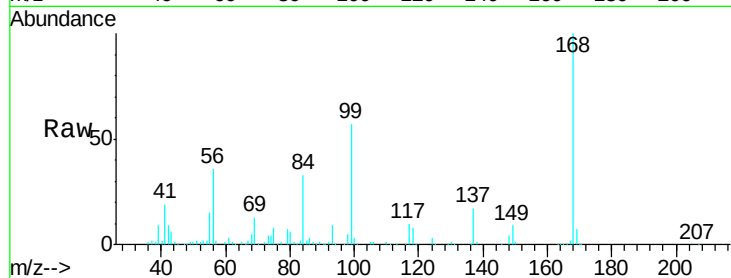
99 56.9 45.7 68.5

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

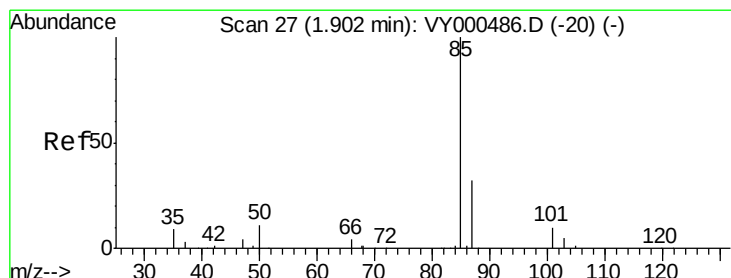
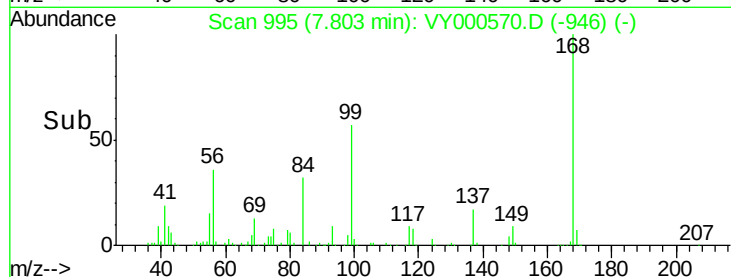
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.050 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000570.D

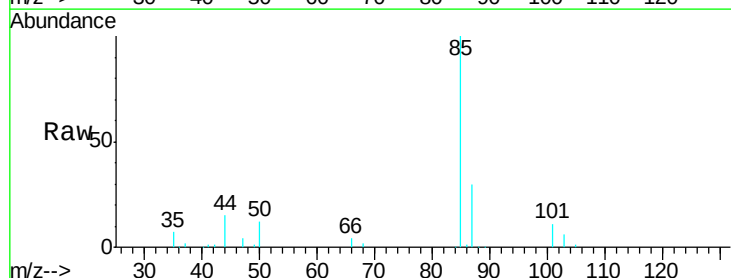
Acq: 07 Nov 2019 11:23

Tgt Ion: 85 Resp: 58922

Ion Ratio Lower Upper

85 100

87 30.0 15.9 47.7



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

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

1.90

40000

30000

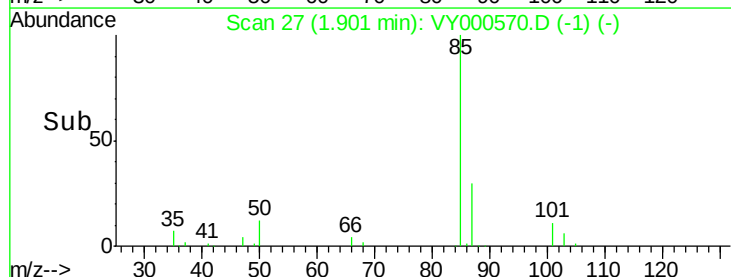
20000

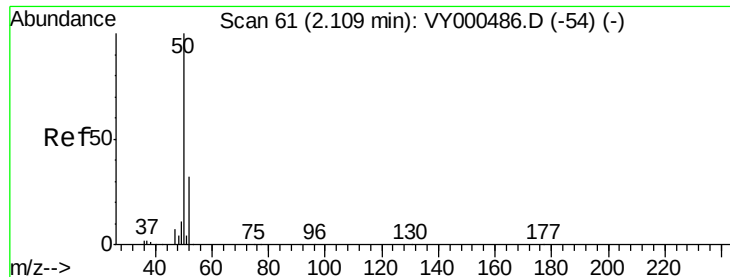
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.788 ug/l

RT: 2.11 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 50 Resp: 80162

Ion Ratio Lower Upper

50 100

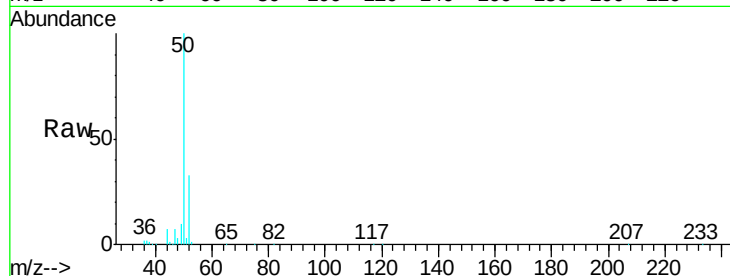
52 33.0 25.2 37.8

Manual Integrations

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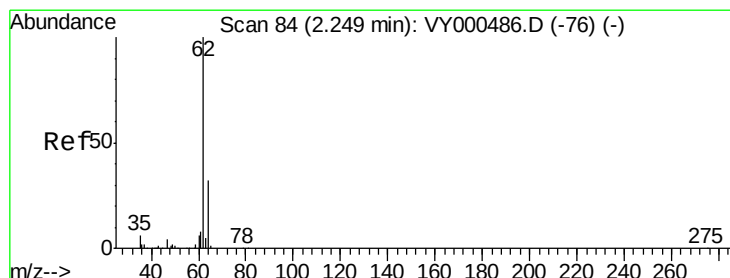
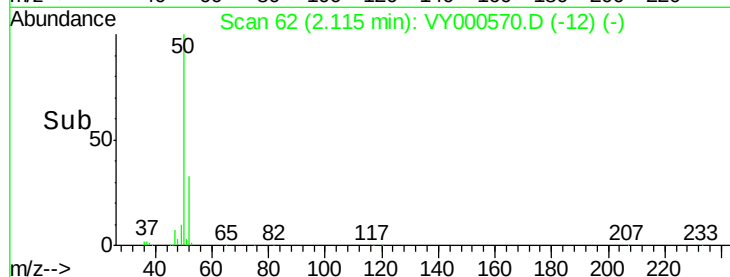
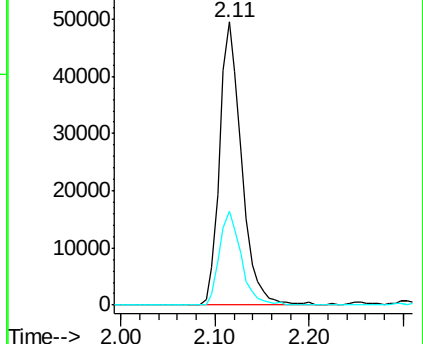
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.116 ug/l

RT: 2.25 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000570.D

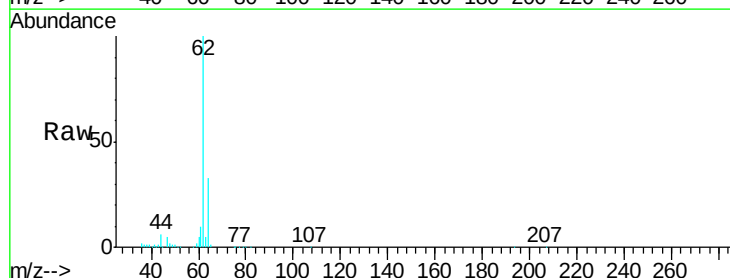
Acq: 07 Nov 2019 11:23

Tgt Ion: 62 Resp: 75612

Ion Ratio Lower Upper

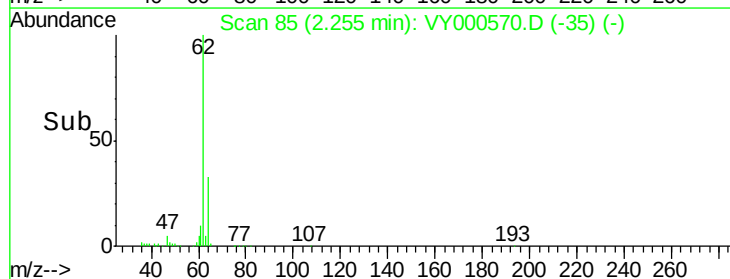
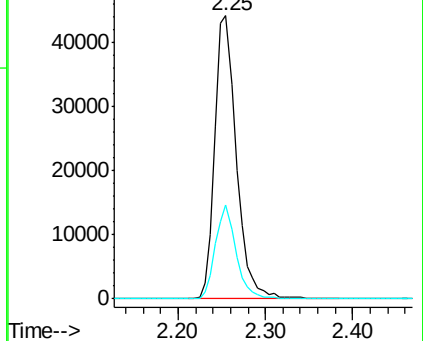
62 100

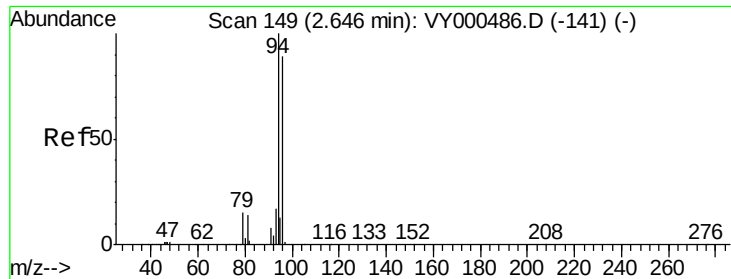
64 33.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 23.031 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 94 Resp: 49455

Ion Ratio Lower Upper

94 100

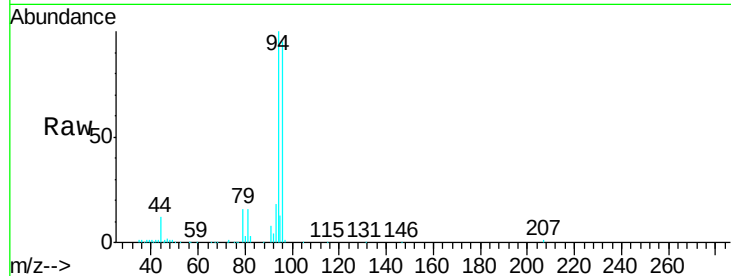
96 94.9 71.2 106.8

Manual Integrations

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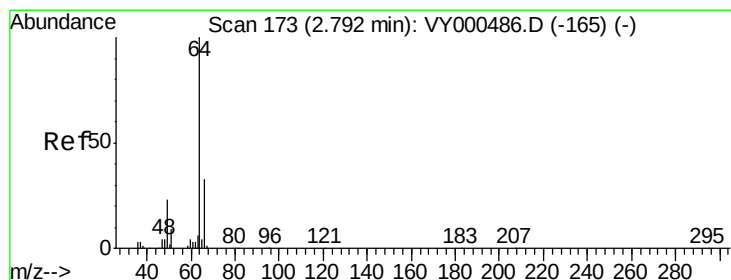
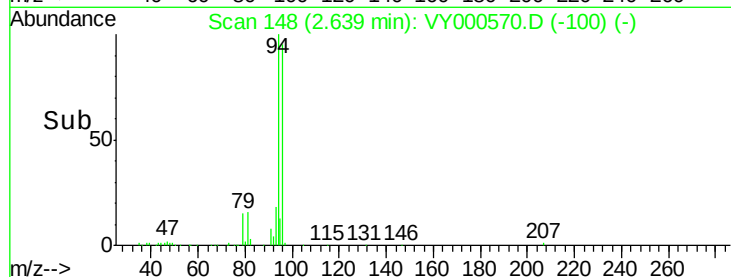
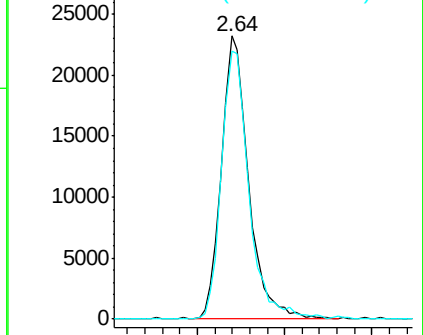
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.669 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000570.D

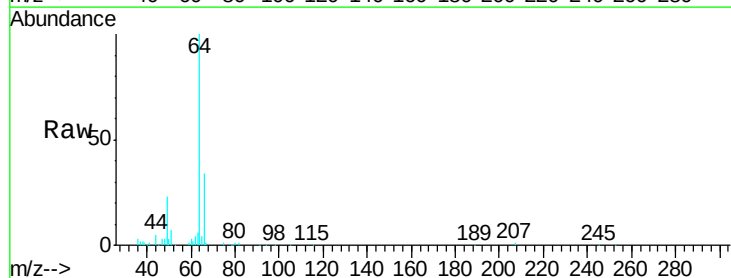
Acq: 07 Nov 2019 11:23

Tgt Ion: 64 Resp: 48562

Ion Ratio Lower Upper

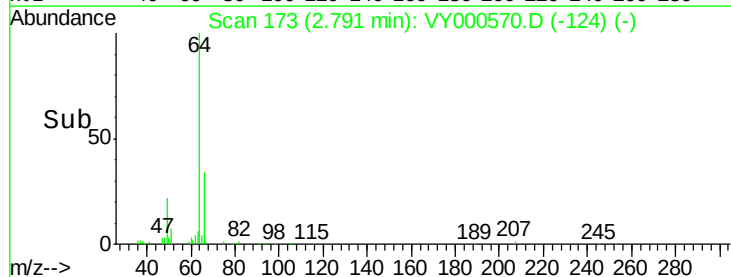
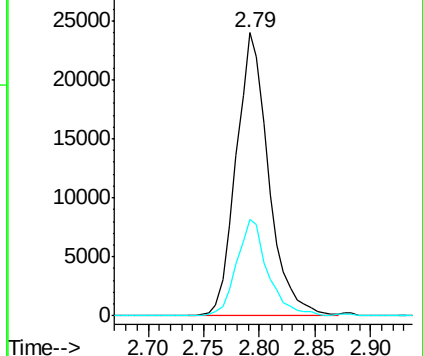
64 100

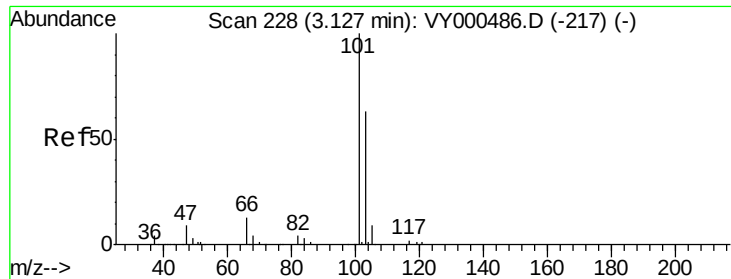
66 33.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

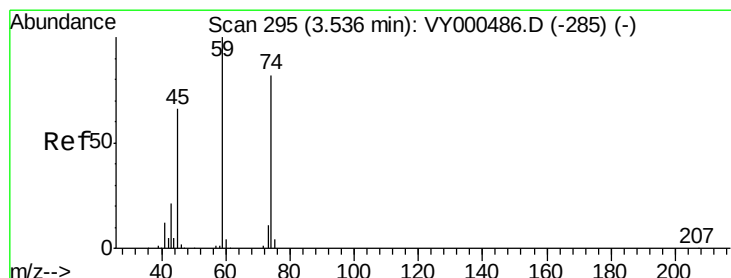
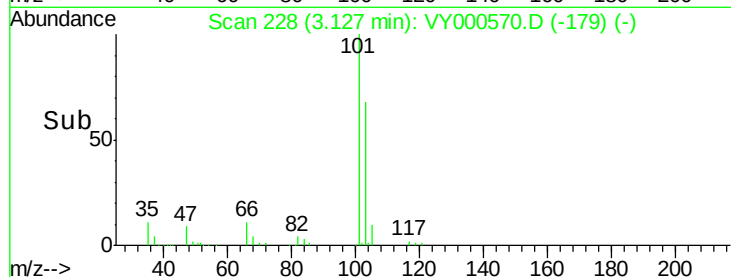
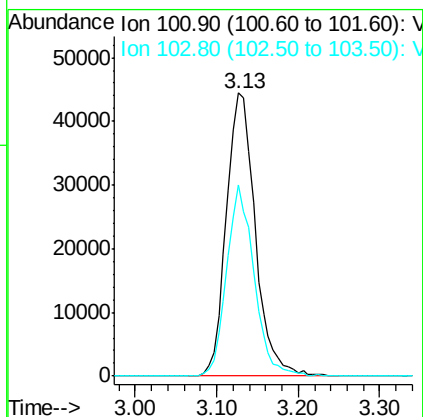
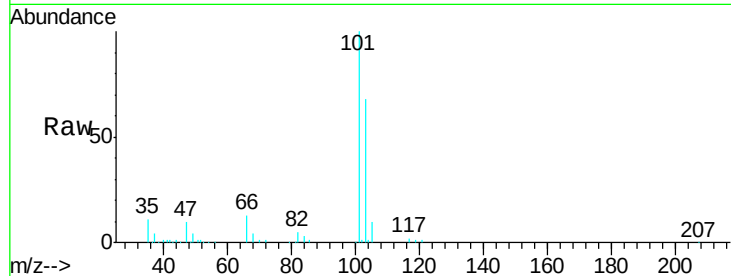
Trichlorofluoromethane
Concen: 22.557 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	67.6	50.5	75.7

Manual Integrations
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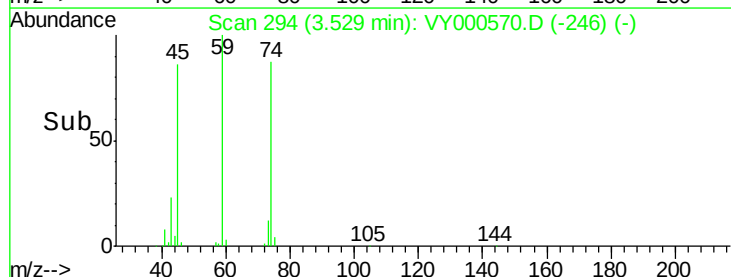
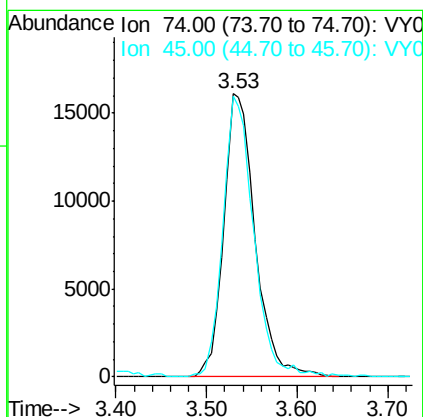
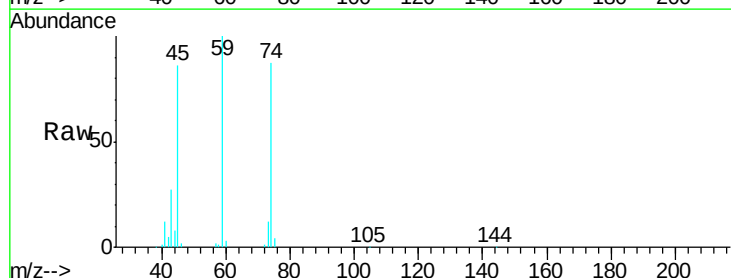
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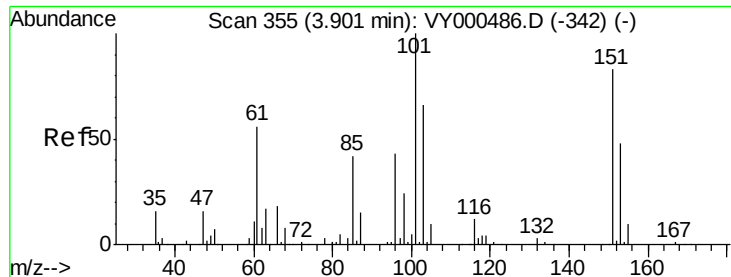


#8

Diethyl Ether
Concen: 22.500 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.3	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.125 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

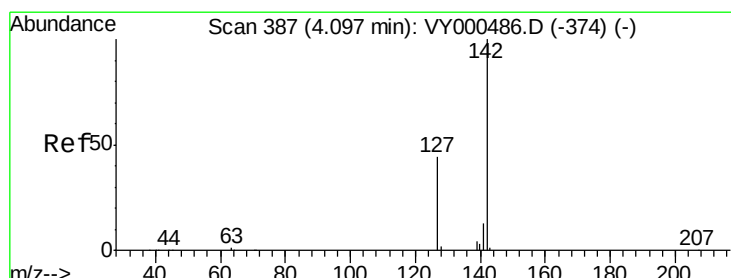
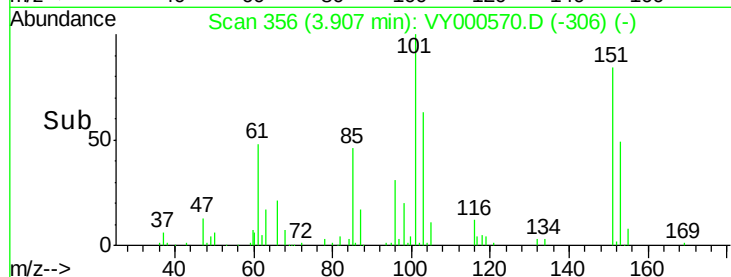
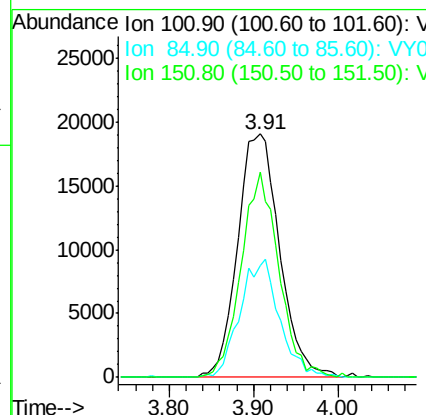
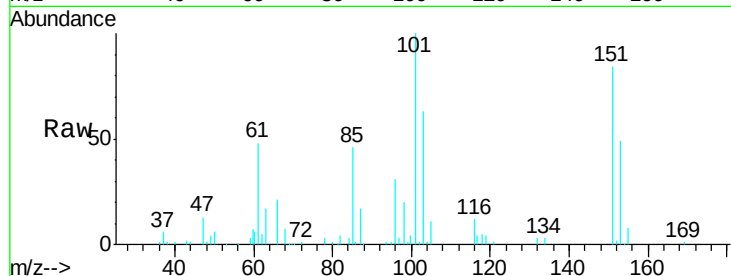
ClientSampleId :

VY1107SBS01

Tgt Ion:	101	Resp:	64685
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.7	55.1
151	75.2	64.3	96.5

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#10

Methyl Iodide

Concen: 20.418 ug/l

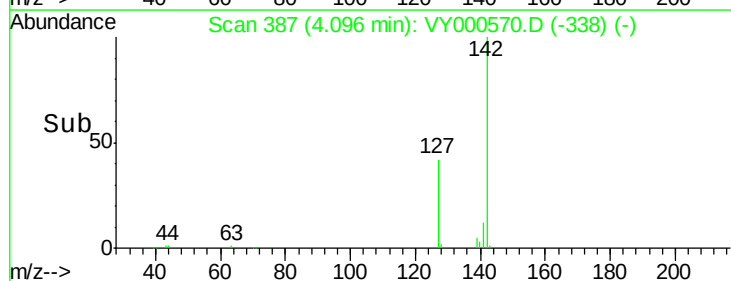
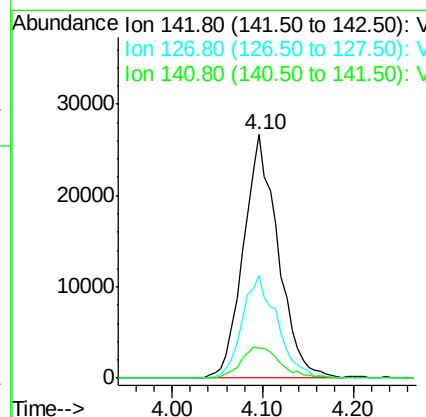
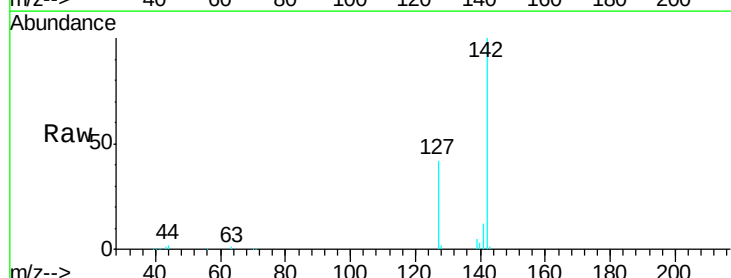
RT: 4.10 min Scan# 387

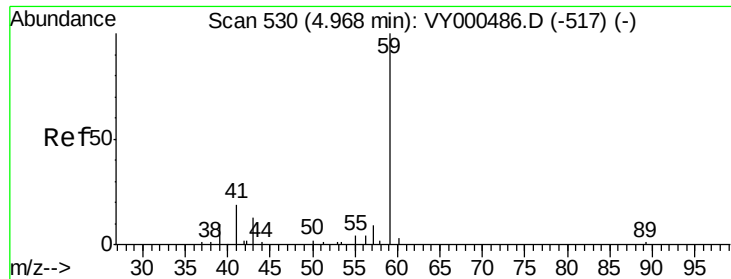
Delta R.T. 0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Tgt Ion:	142	Resp:	70791
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.7	50.5
141	14.5	10.9	16.3





#11

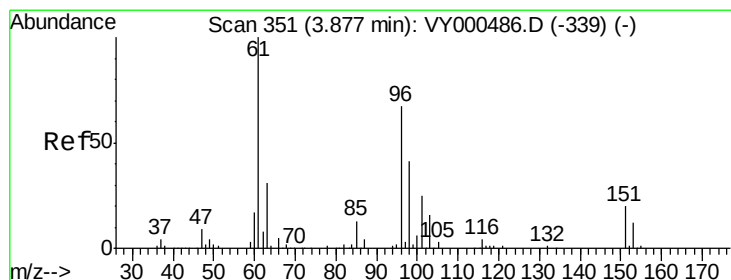
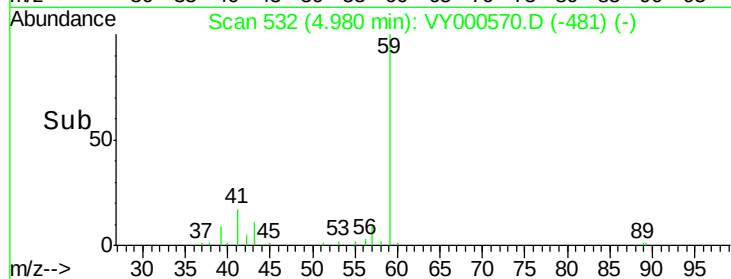
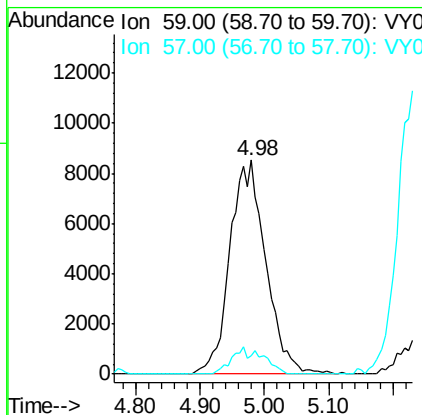
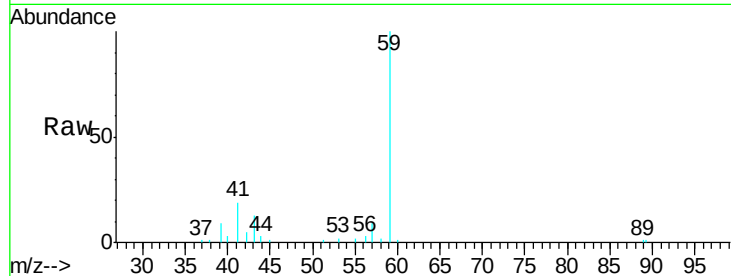
Tert butyl alcohol
Concen: 114.966 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	6.5	8.6	12.8#

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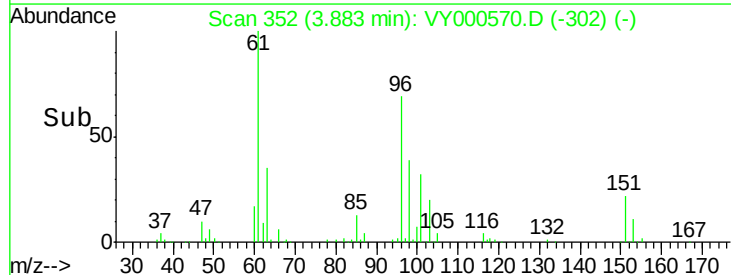
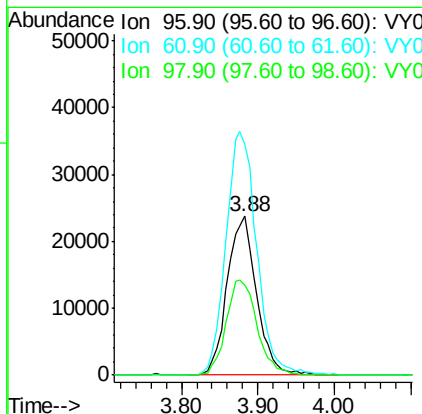
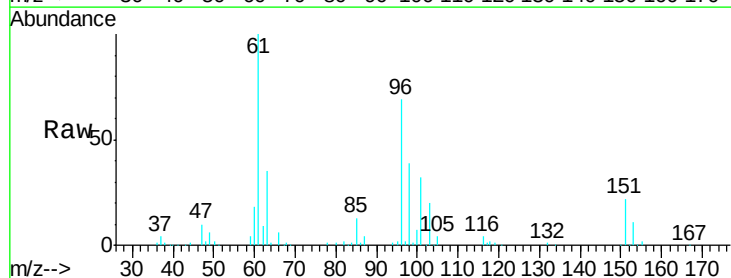
MMDadoda
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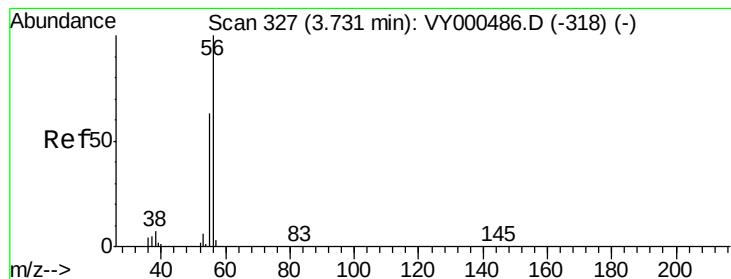


#12

1,1-Dichloroethene
Concen: 22.279 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.0	119.2	178.8
98	57.0	48.6	73.0





#13

Acrolein

Concen: 92.369 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 56 Resp: 23048

Ion Ratio Lower Upper

56 100

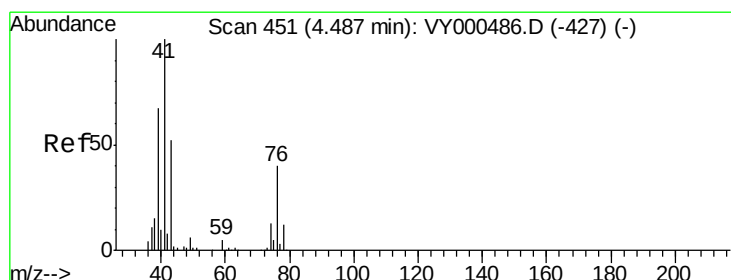
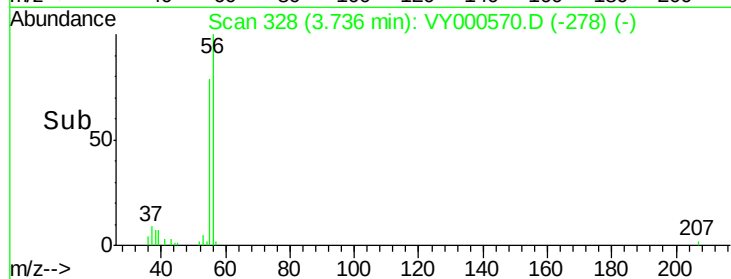
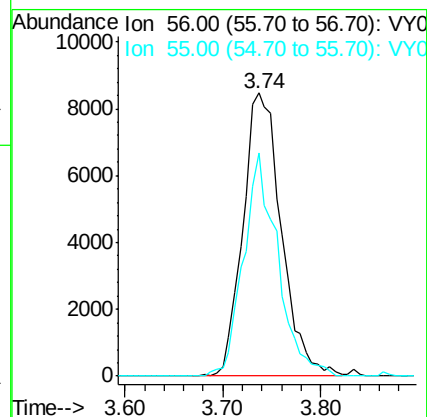
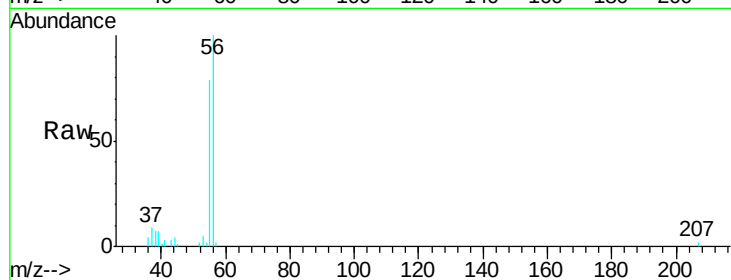
55 70.3 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 23.695 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

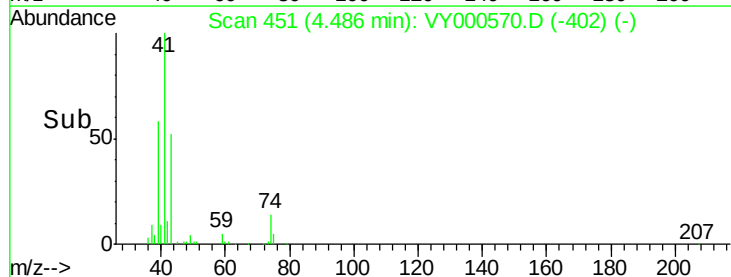
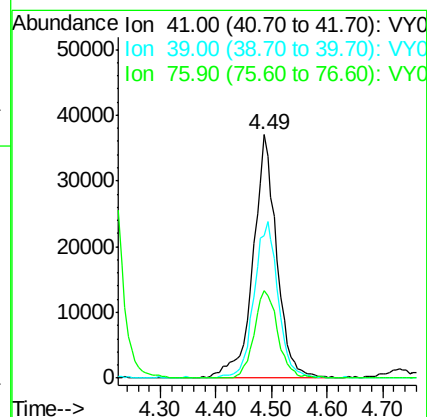
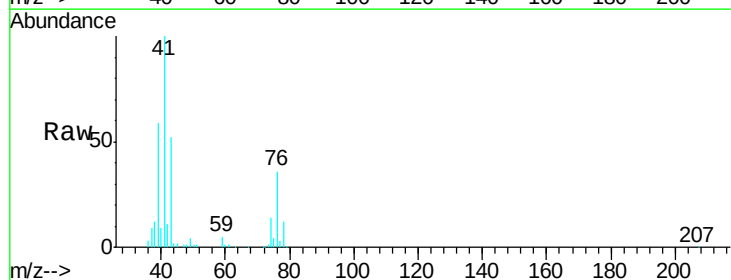
Tgt Ion: 41 Resp: 109442

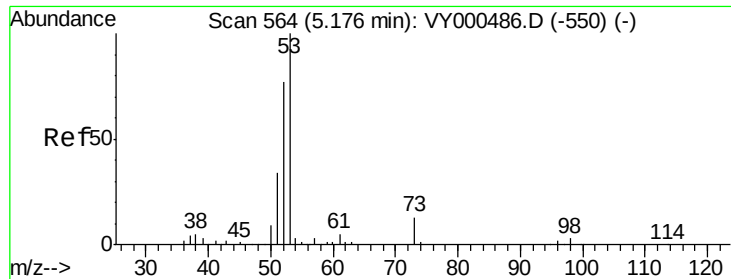
Ion Ratio Lower Upper

41 100

39 65.7 53.6 80.4

76 35.7 29.8 44.6





#15

Acrylonitrile

Concen: 118.337 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

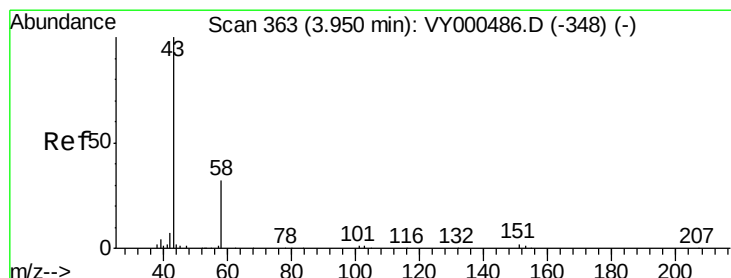
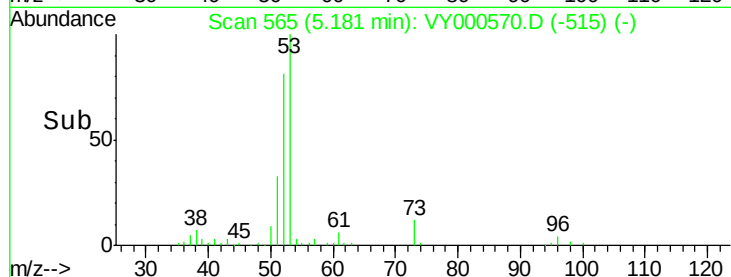
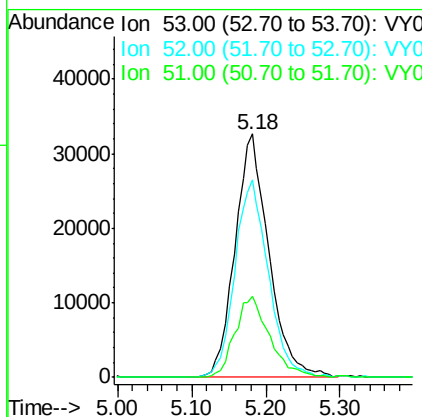
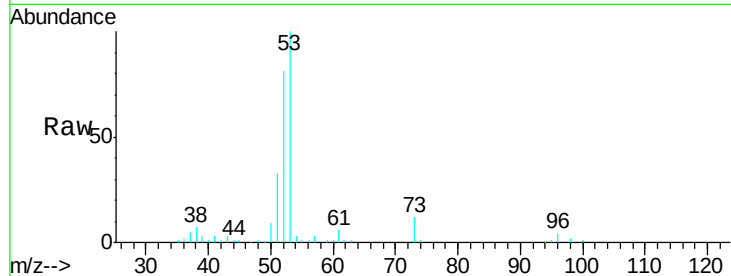
ClientSampleId :

VY1107SBS01

Tgt Ion:	53	Resp:	104164
Ion	Ratio	Lower	Upper
53	100		
52	80.3	64.9	97.3
51	34.0	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 98.584 ug/l

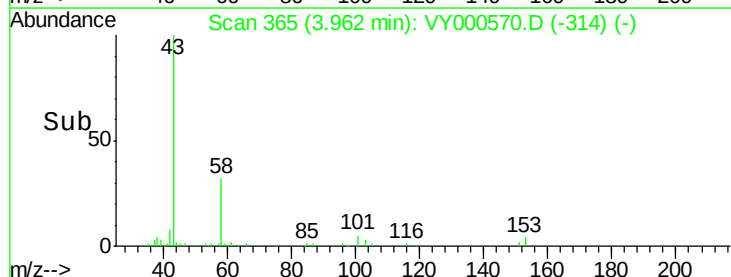
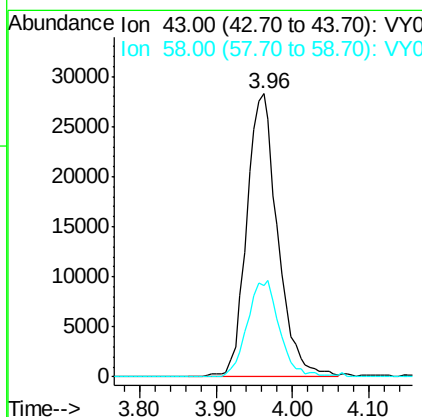
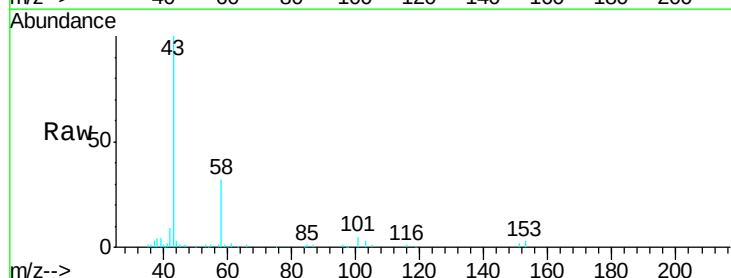
RT: 3.96 min Scan# 365

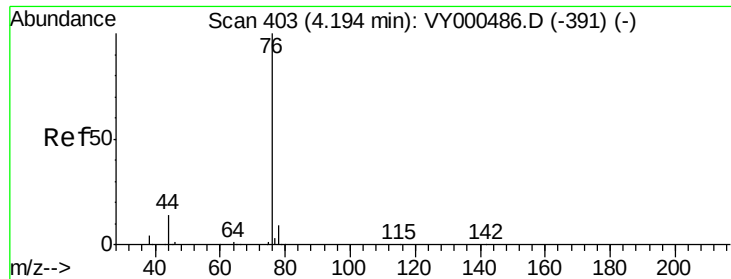
Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Tgt Ion:	43	Resp:	79957
Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.8	38.6





#17

Carbon Disulfide

Concen: 21.160 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 76 Resp: 189572

Ion Ratio Lower Upper

76 100

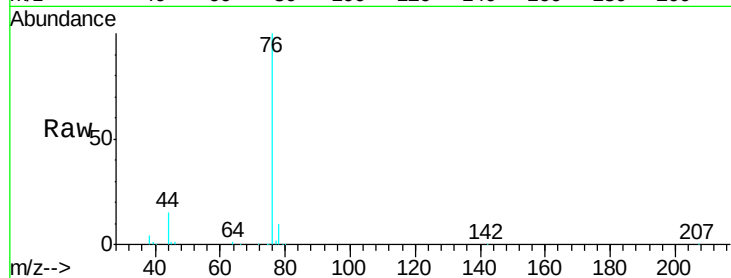
78 9.8 7.5 11.3

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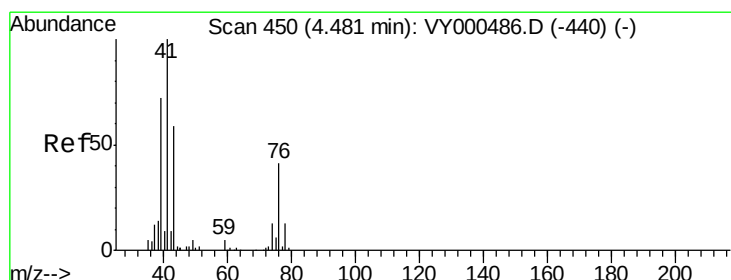
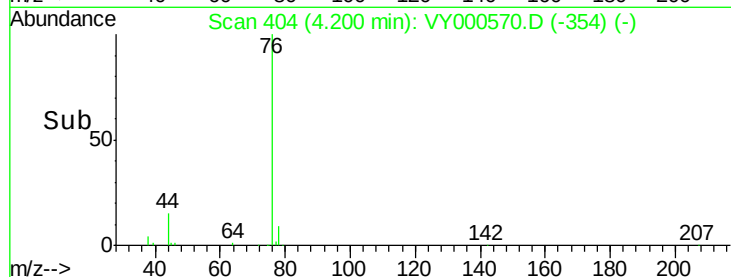
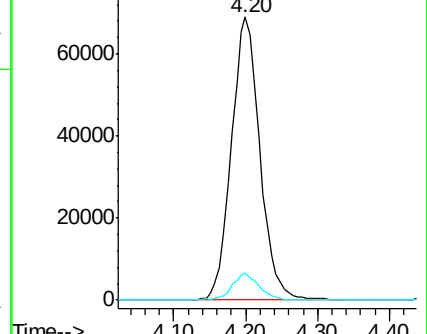
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 23.176 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000570.D

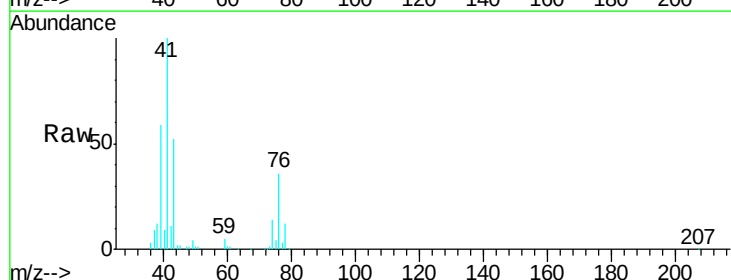
Acq: 07 Nov 2019 11:23

Tgt Ion: 43 Resp: 58446

Ion Ratio Lower Upper

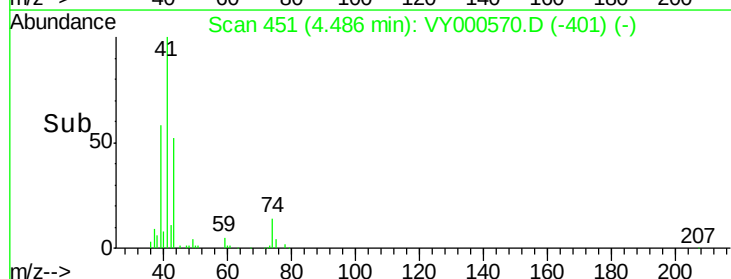
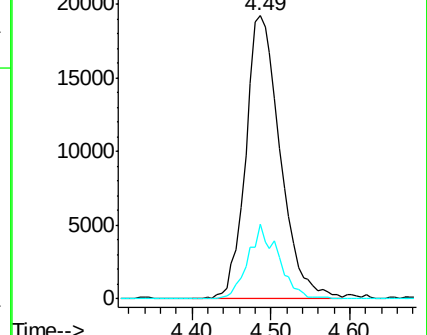
43 100

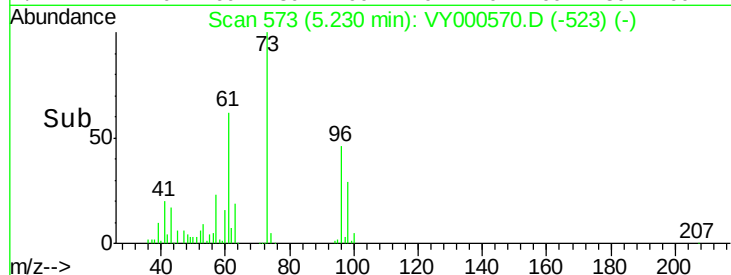
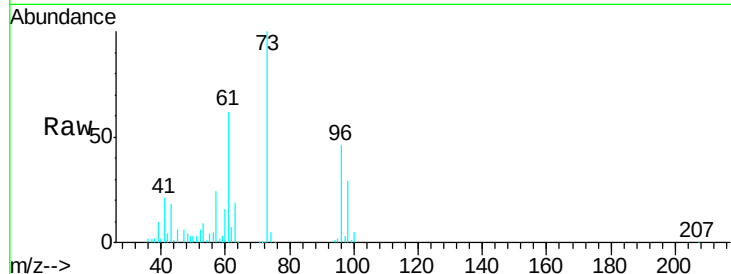
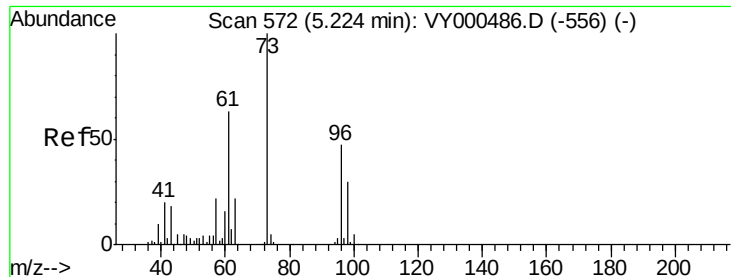
74 23.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





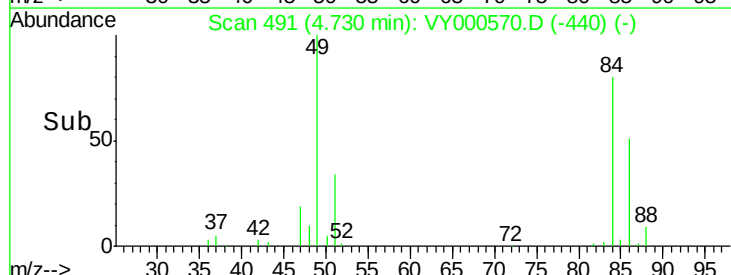
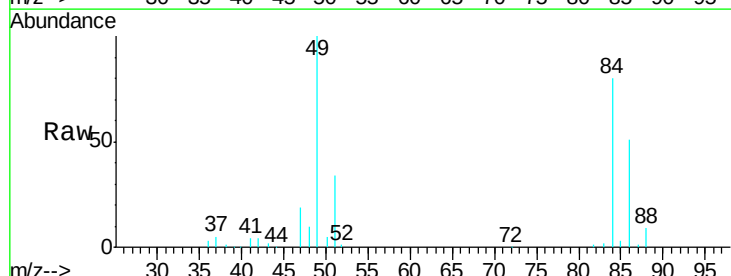
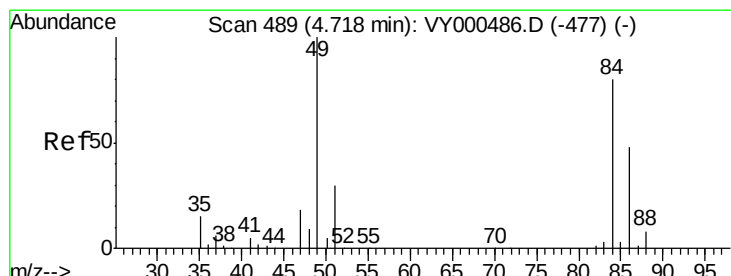
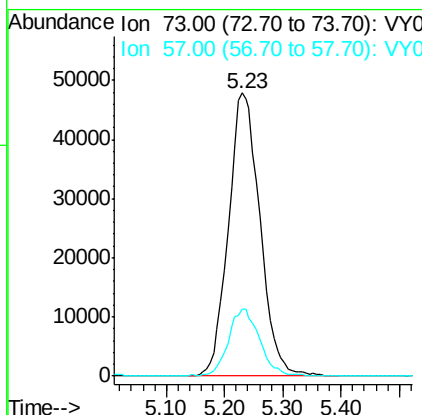
#19
Methyl tert-butyl Ether
Concen: 22.735 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 73 Resp: 179546
Ion Ratio Lower Upper
73 100
57 23.6 17.4 26.0

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

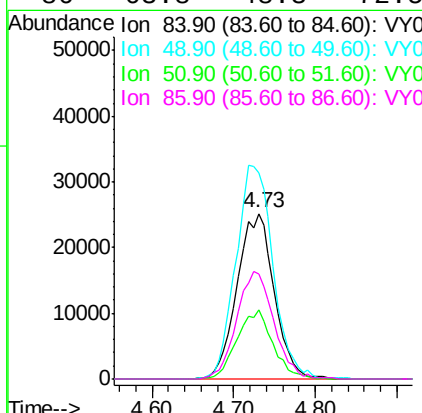
Manual Integrations
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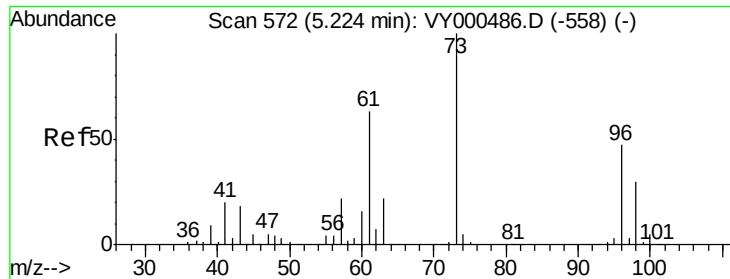
MMDadoda
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#20
Methylene Chloride
Concen: 22.904 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 84 Resp: 79598
Ion Ratio Lower Upper
84 100
49 124.4 100.2 150.4
51 41.8 29.6 44.4
86 63.8 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 22.592 ug/l

RT: 5.24 min Scan# 574

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

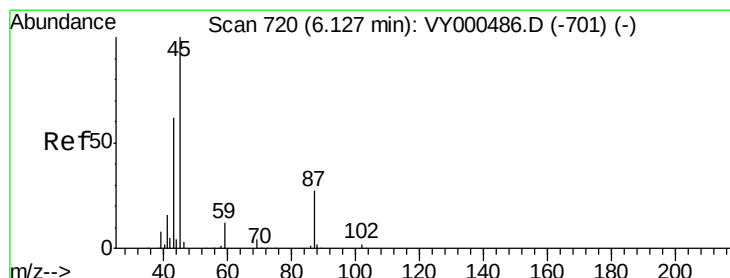
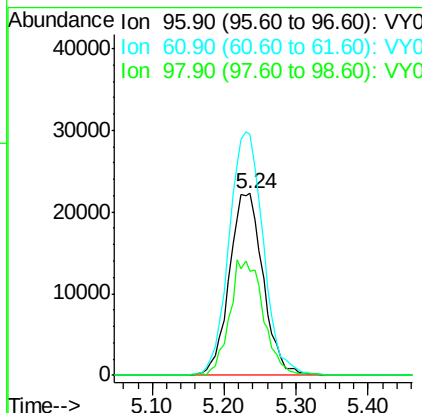
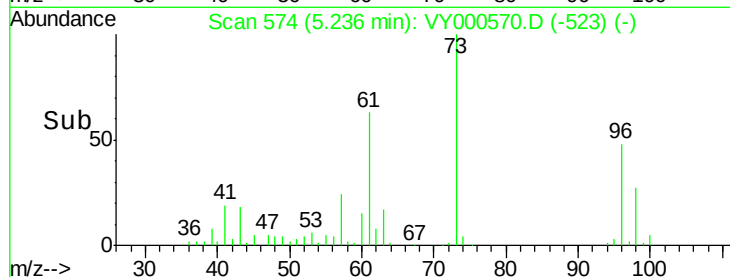
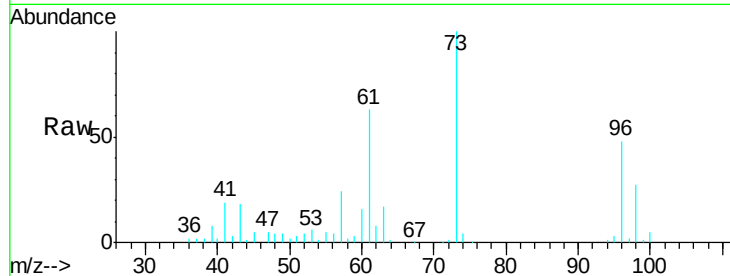
ClientSampleId :

VY1107SBS01

Tgt Ion:	96	Resp:	72546
Ion	Ratio	Lower	Upper
96	100		
61	132.8	106.6	160.0
98	57.5	50.6	76.0

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#22

Diisopropyl ether

Concen: 22.863 ug/l

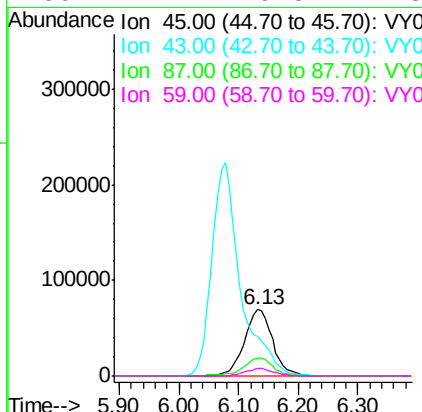
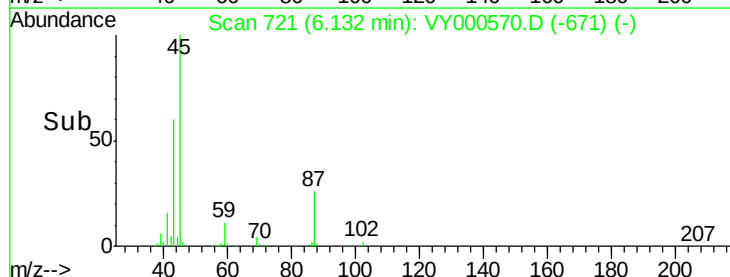
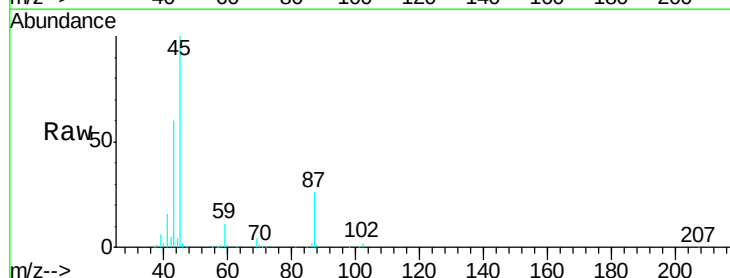
RT: 6.13 min Scan# 721

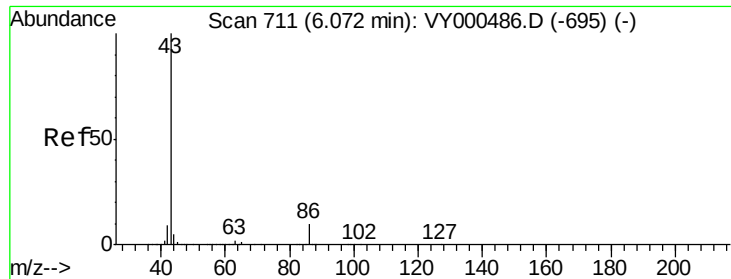
Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Tgt Ion:	45	Resp:	229519
Ion	Ratio	Lower	Upper
45	100		
43	59.4	50.0	75.0
87	26.2	21.6	32.4
59	11.1	9.5	14.3





#23

Vinyl Acetate

Concen: 117.151 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 43 Resp: 742398

Ion Ratio Lower Upper

43 100

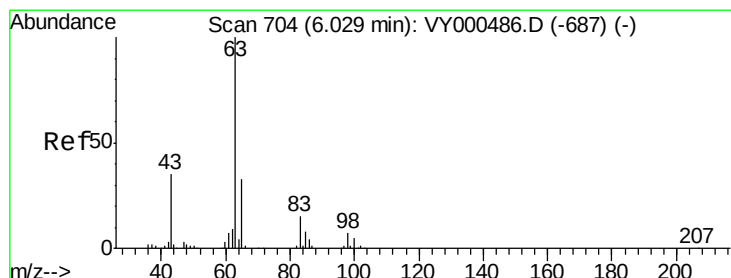
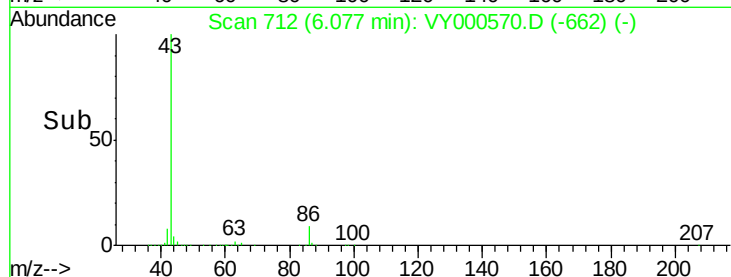
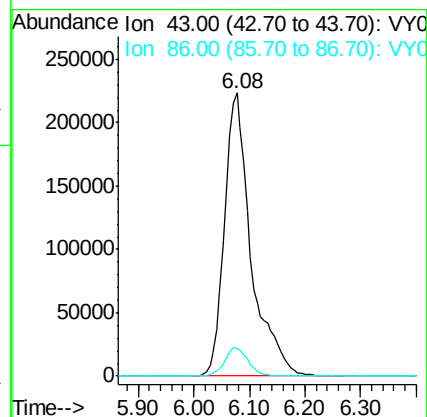
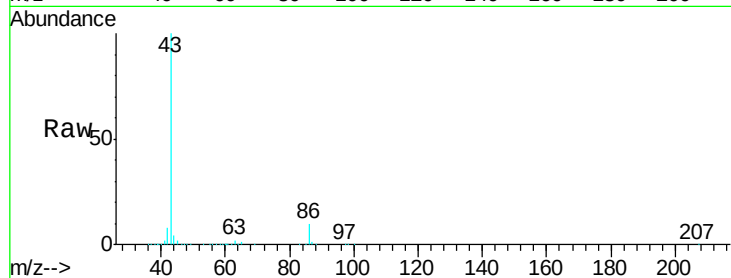
86 9.5 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 22.737 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

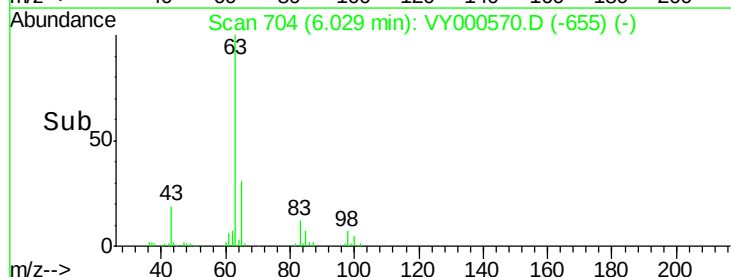
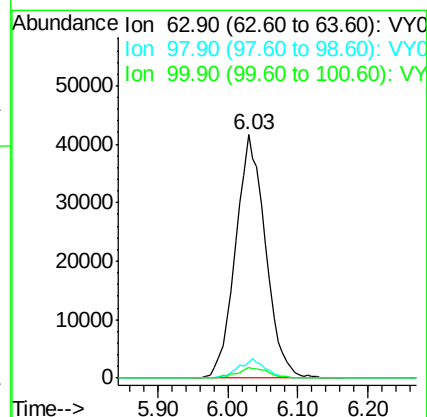
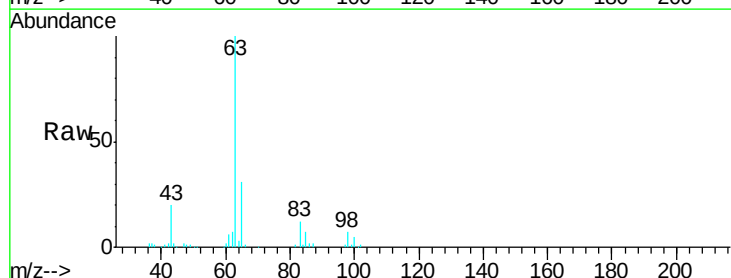
Tgt Ion: 63 Resp: 123656

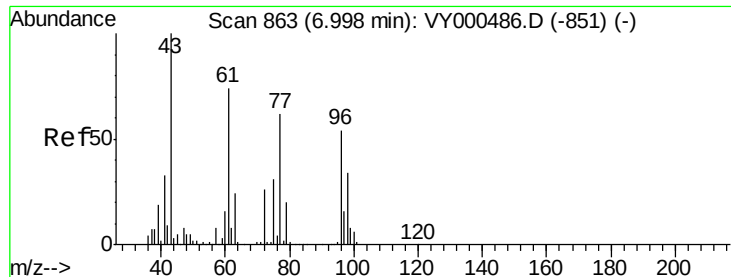
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 110.314 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 43 Resp: 142789

Ion Ratio Lower Upper

43 100

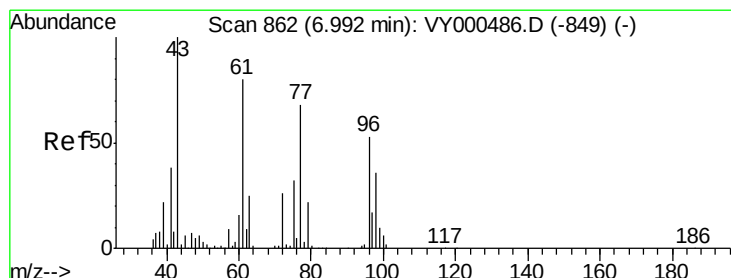
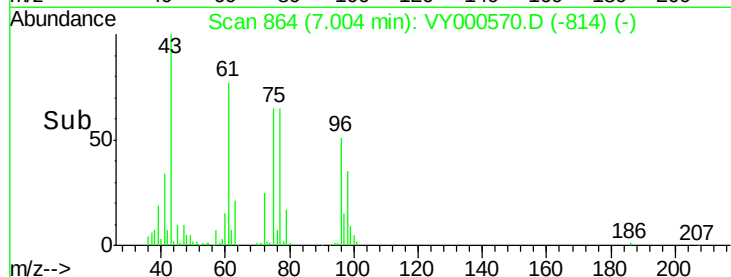
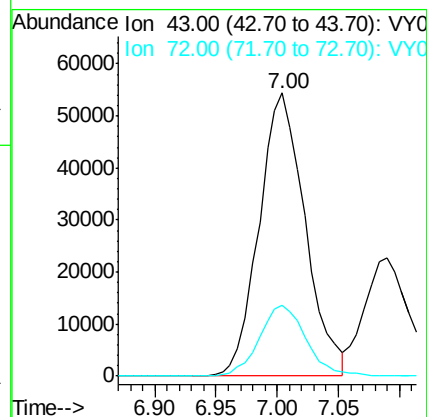
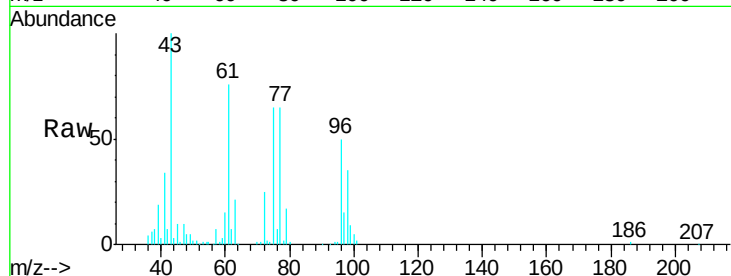
72 25.2 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.462 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000570.D

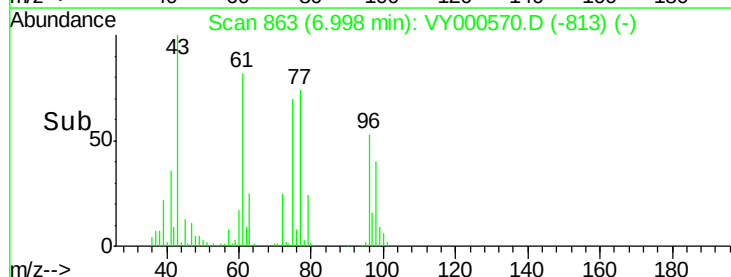
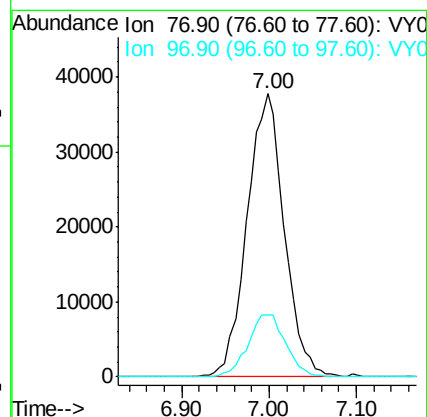
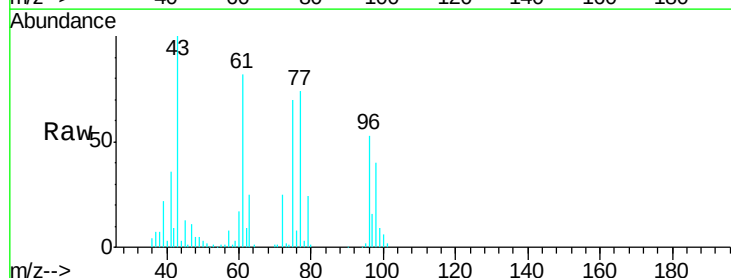
Acq: 07 Nov 2019 11:23

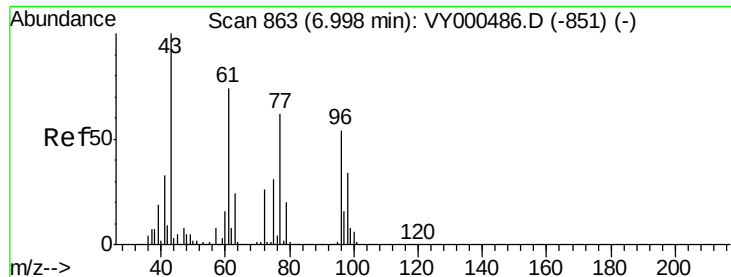
Tgt Ion: 77 Resp: 111640

Ion Ratio Lower Upper

77 100

97 22.3 11.8 35.4





#27

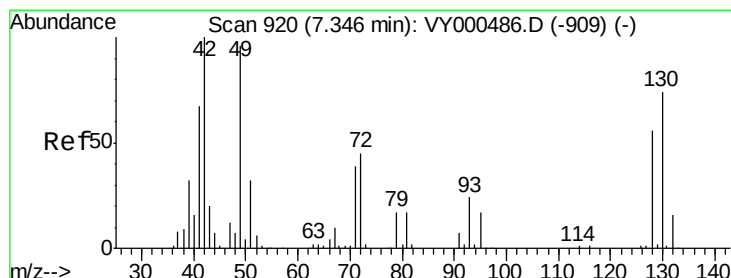
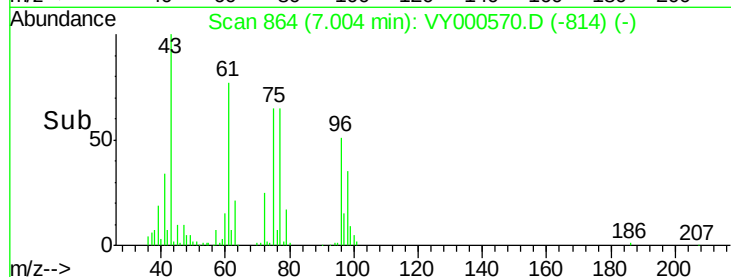
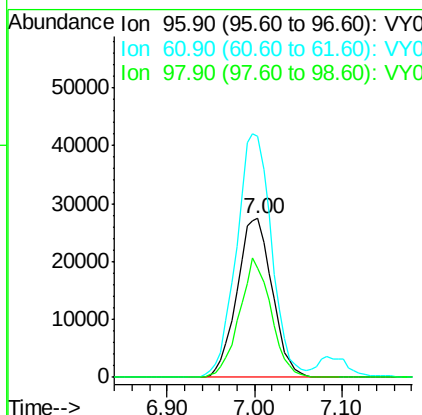
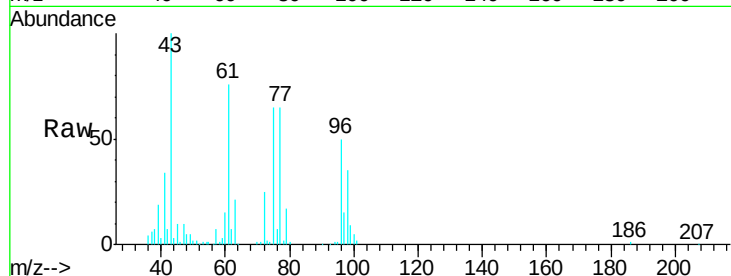
cis-1,2-Dichloroethene
Concen: 21.894 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	76878		
61	153.0	0.0	287.0	
98	67.5	0.0	129.4	

Manual Integrations
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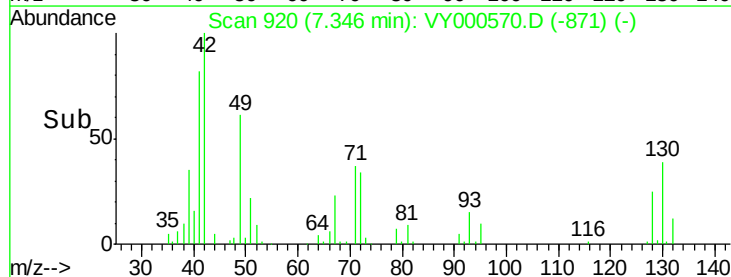
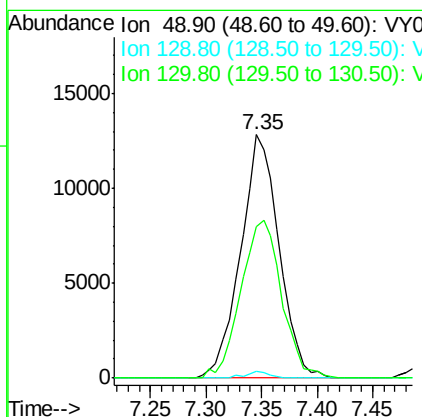
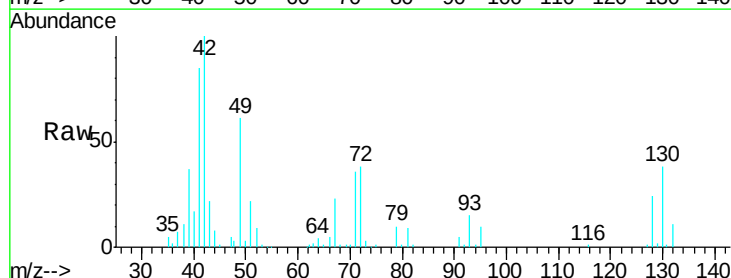
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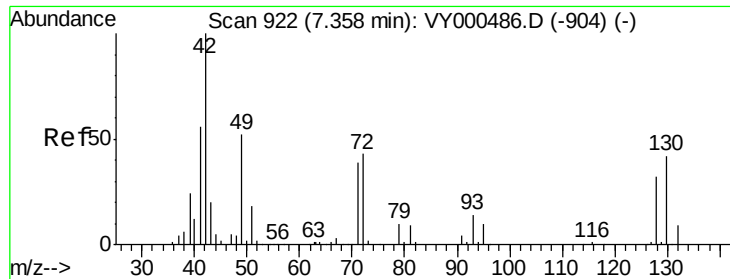


#28

Bromochloromethane
Concen: 15.468 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	30731		
129	1.6	0.0	3.6	
130	68.8	59.4	89.0	





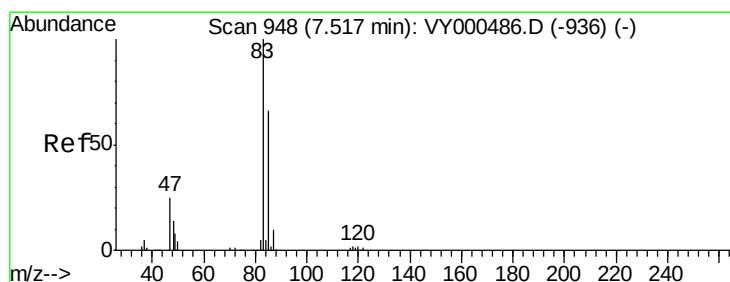
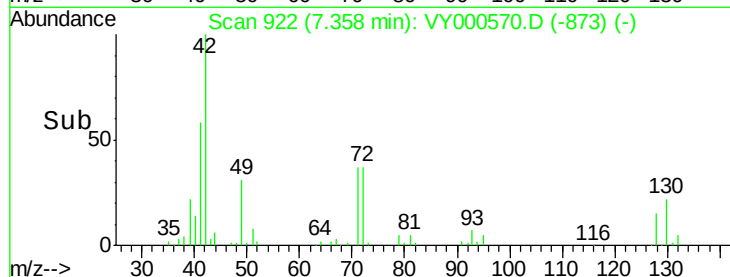
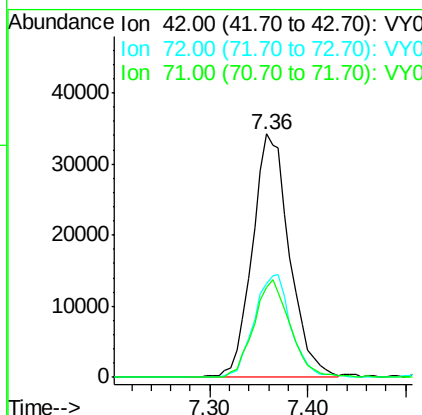
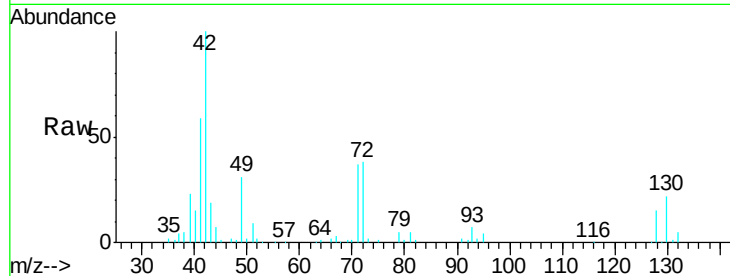
#29
Tetrahydrofuran
Concen: 114.277 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.0	51.0
71	39.2	30.8	46.2

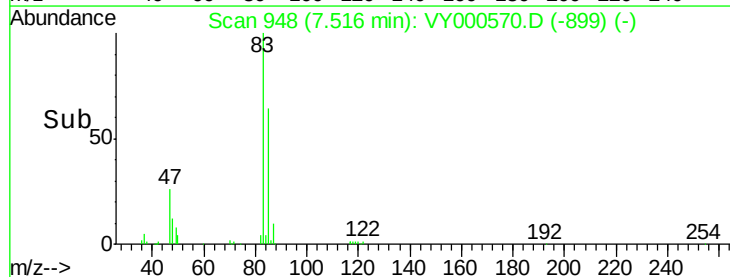
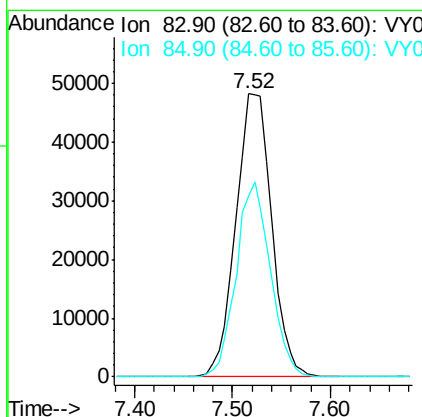
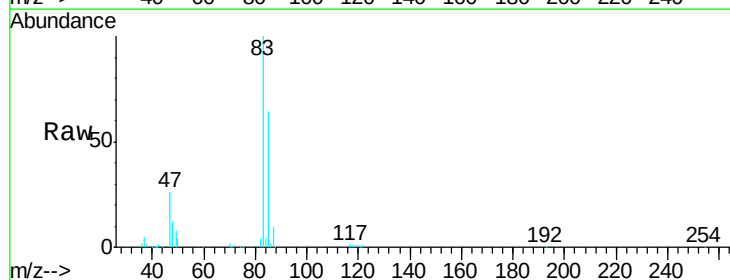
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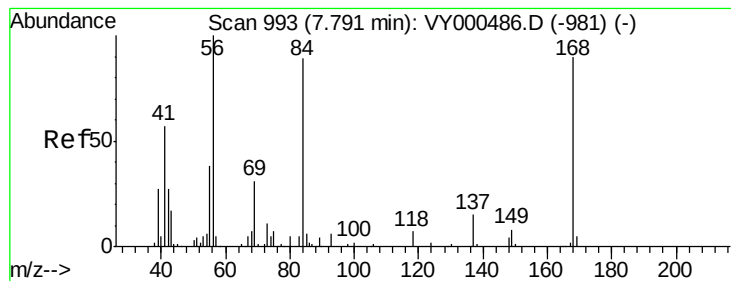
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#30
Chloroform
Concen: 22.330 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.0	79.4





#31

Cyclohexane

Concen: 22.265 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion: 56 Resp: 126827
Ion Ratio Lower Upper

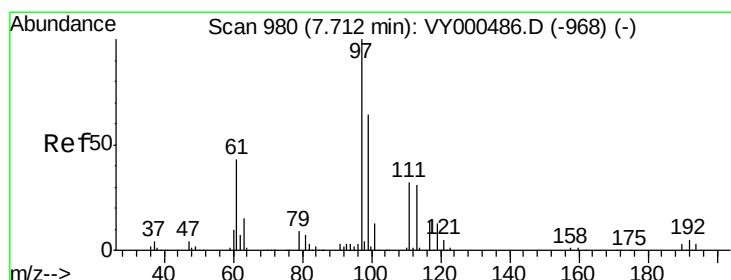
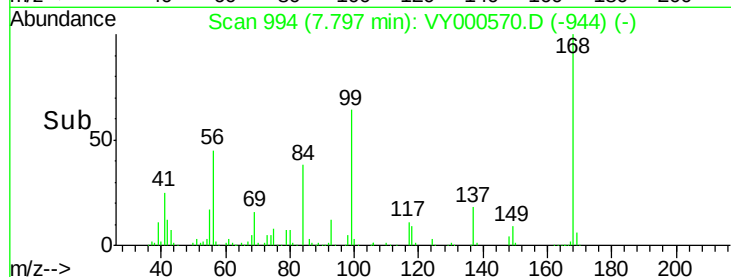
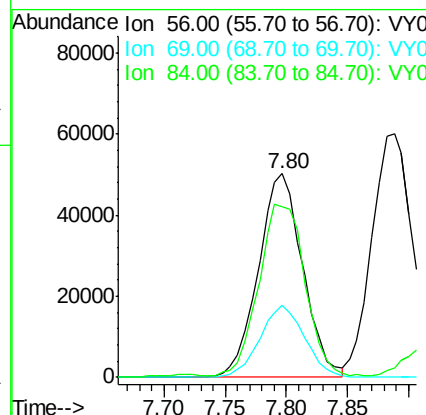
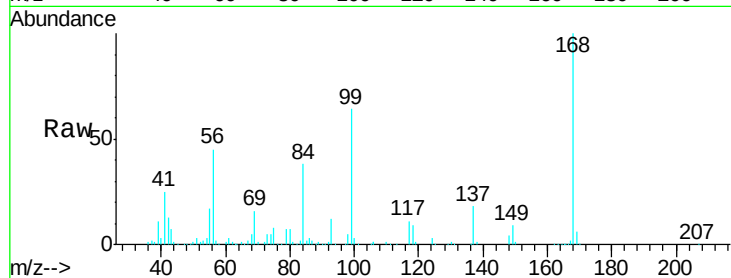
56 100

69 35.6 25.0 37.6

84 82.8 71.4 107.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 22.626 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.01 min

Lab File: VY000570.D

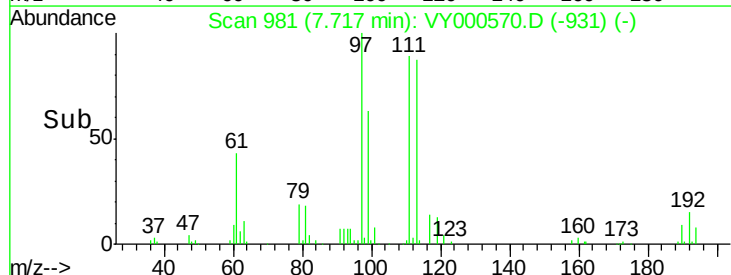
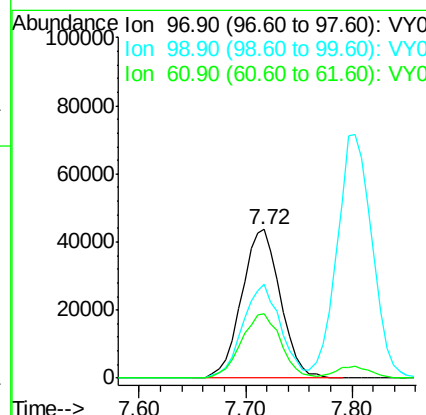
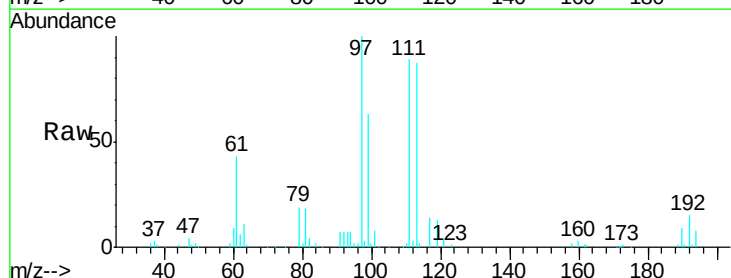
Acq: 07 Nov 2019 11:23

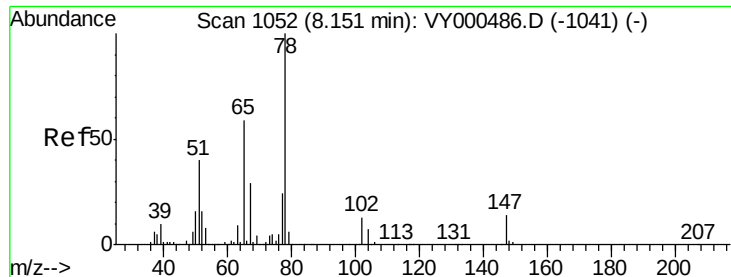
Tgt Ion: 97 Resp: 110940
Ion Ratio Lower Upper

97 100

99 62.0 50.9 76.3

61 44.6 34.9 52.3





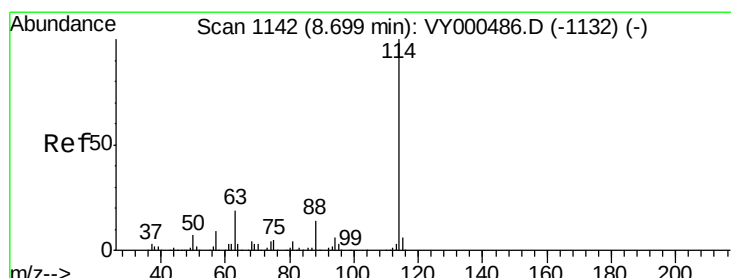
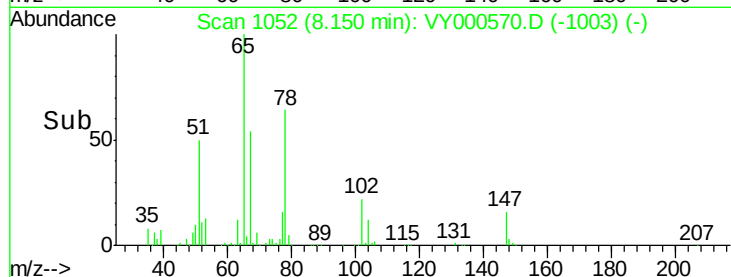
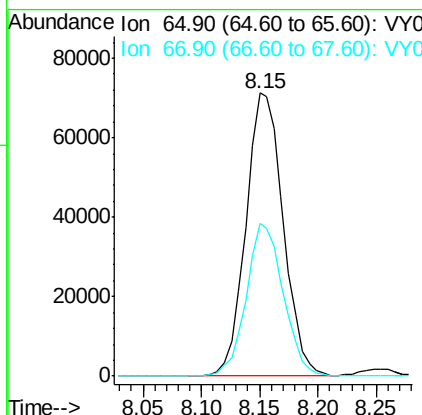
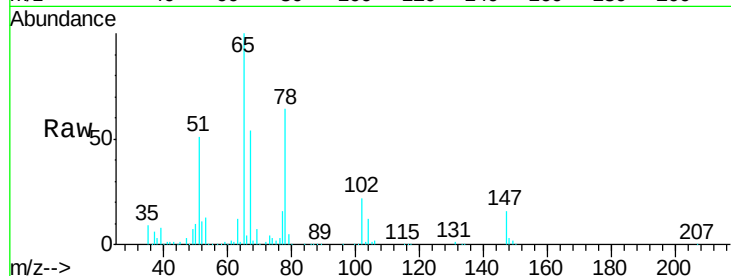
#33
 1,2-Dichloroethane-d4
 Concen: 53.873 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	158533		
67	53.4	0.0	107.2	

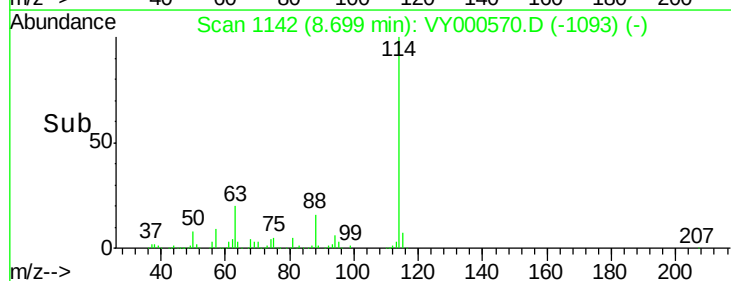
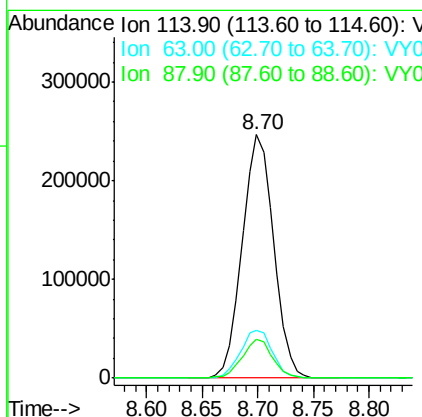
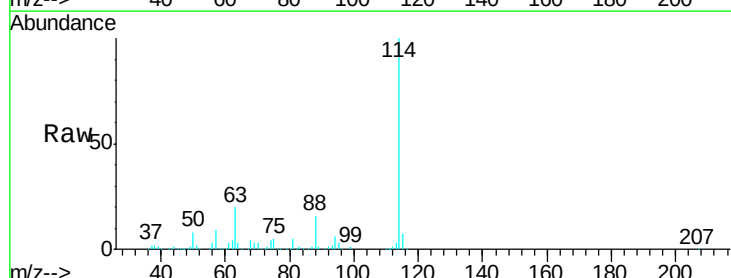
Manual Integrations
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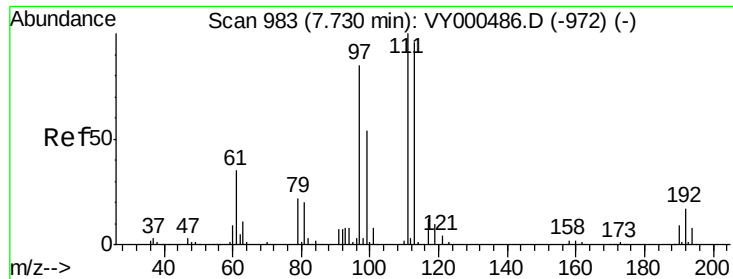
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	484419		
63	19.6	0.0	38.0	
88	16.0	0.0	28.6	





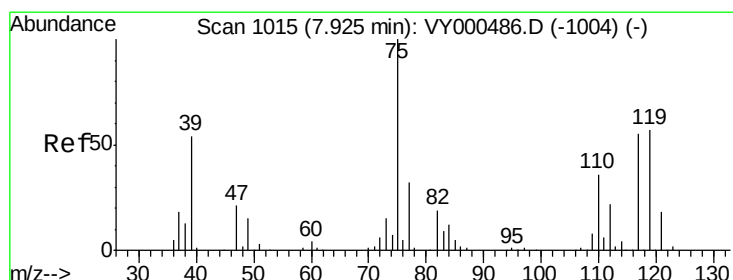
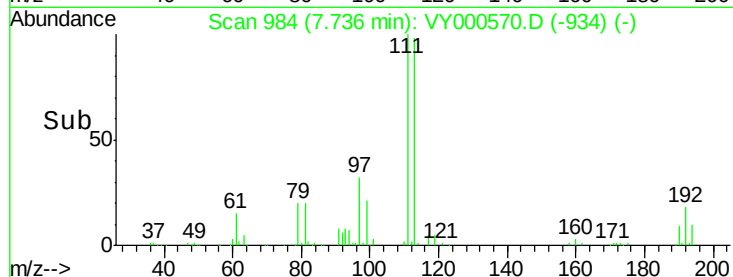
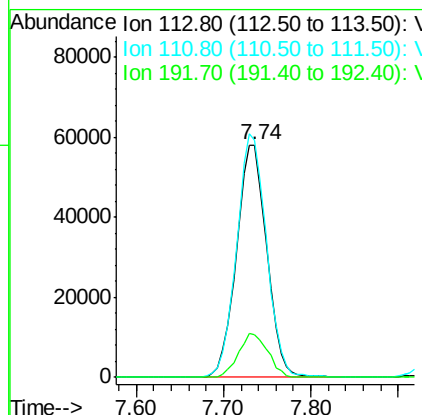
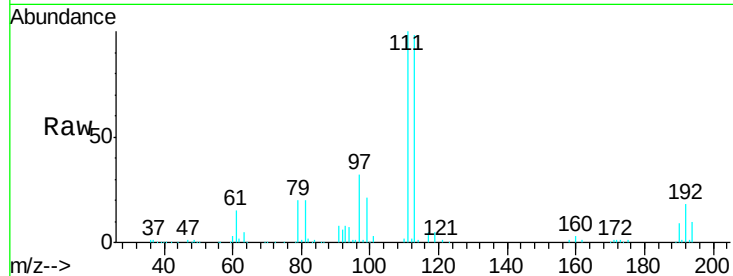
#35
 Dibromofluoromethane
 Concen: 49.226 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	139991		
111	103.2	81.7	122.5	
192	18.5	15.0	22.4	

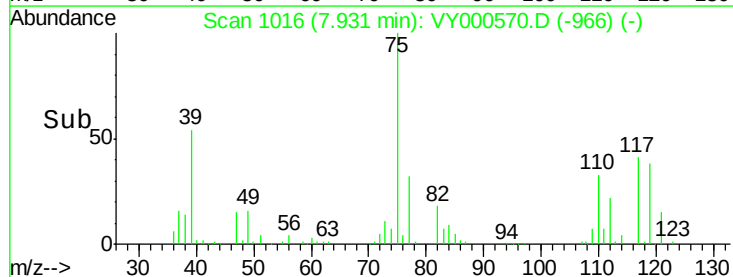
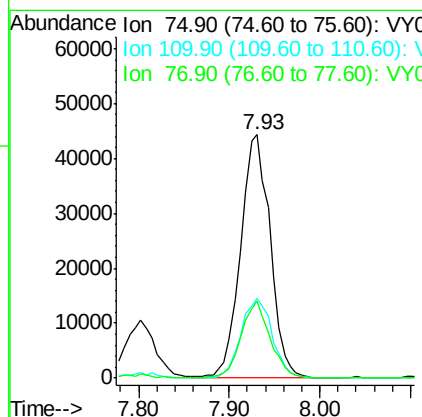
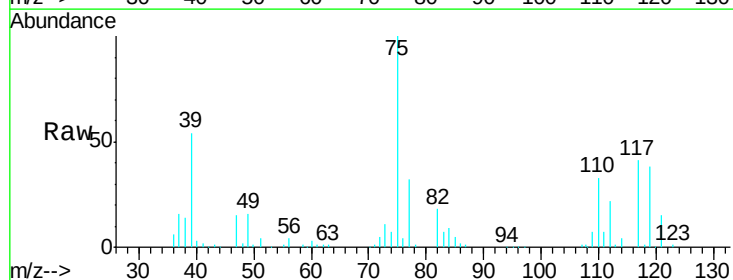
Manual Integrations
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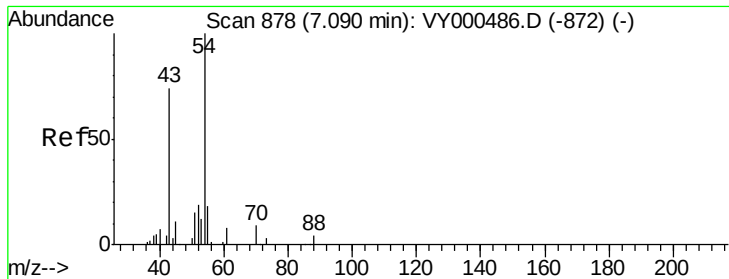
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#36
 1,1-Dichloropropene
 Concen: 22.028 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	100875		
110	34.2	18.1	54.1	
77	31.0	25.0	37.6	





#37

Ethyl Acetate

Concen: 21.786 ug/l

RT: 7.09 min Scan# 878

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

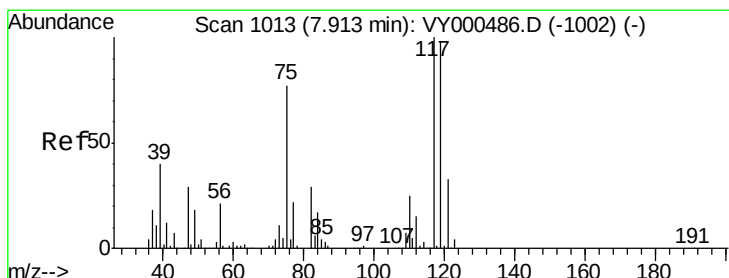
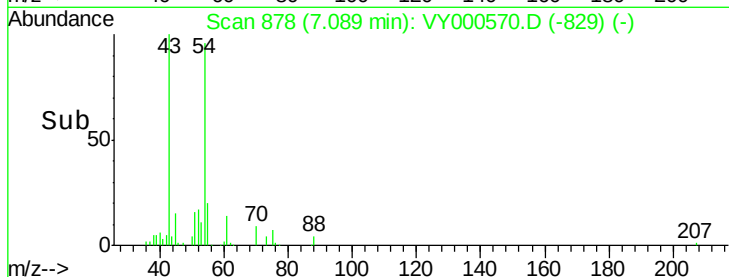
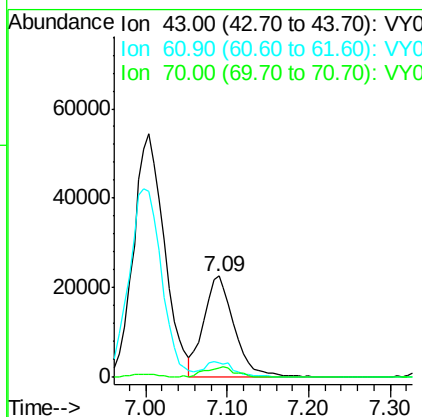
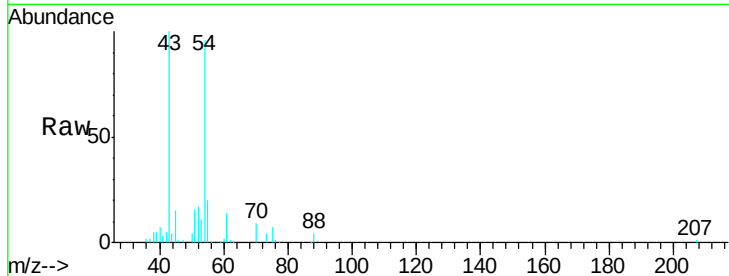
ClientSampleId :

VY1107SBS01

Tgt Ion:	43	Resp:	59232
Ion	Ratio	Lower	Upper
43	100		
61	15.4	10.2	15.2#
70	10.4	7.8	11.8

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 21.458 ug/l

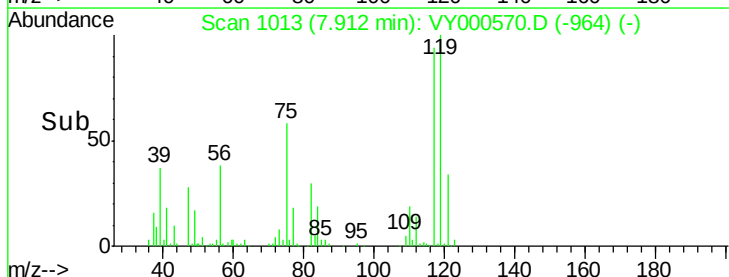
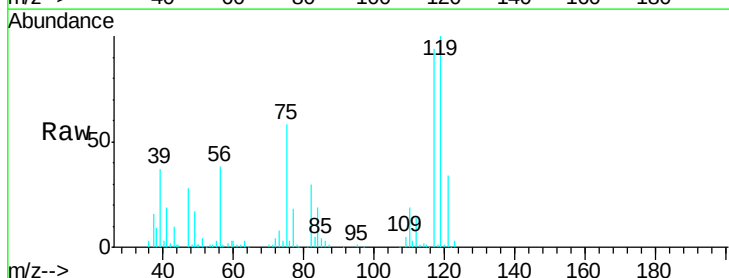
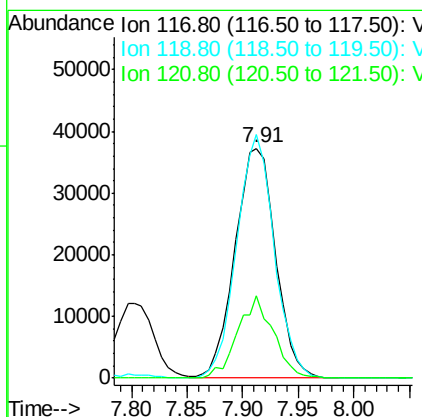
RT: 7.91 min Scan# 1013

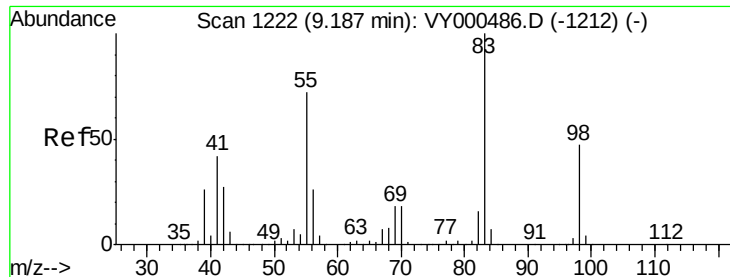
Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Tgt Ion:	117	Resp:	94552
Ion	Ratio	Lower	Upper
117	100		
119	105.9	78.0	117.0
121	36.0	26.6	40.0





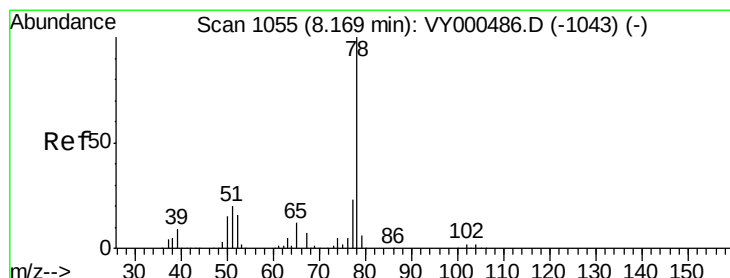
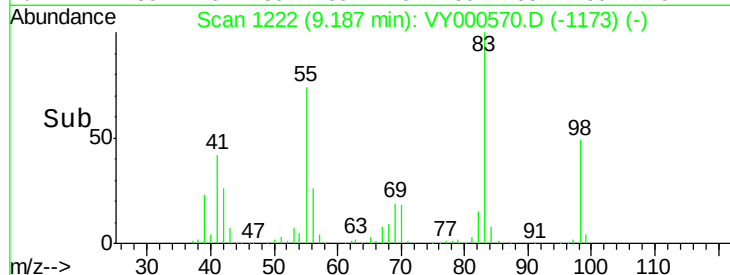
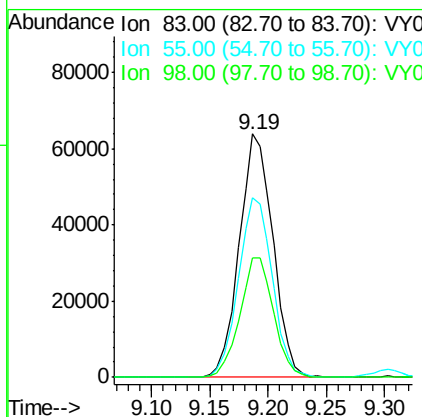
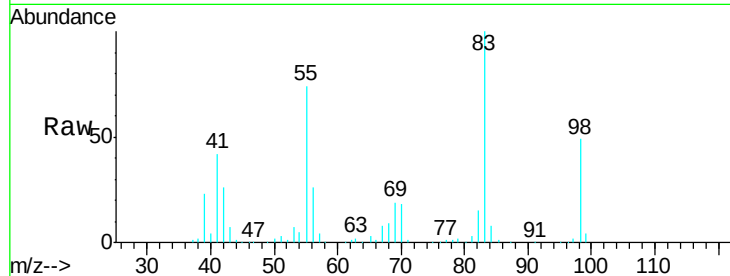
#39
Methylcyclohexane
Concen: 21.750 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	128679		
55	73.6		57.5	86.3
98	49.2		38.0	57.0

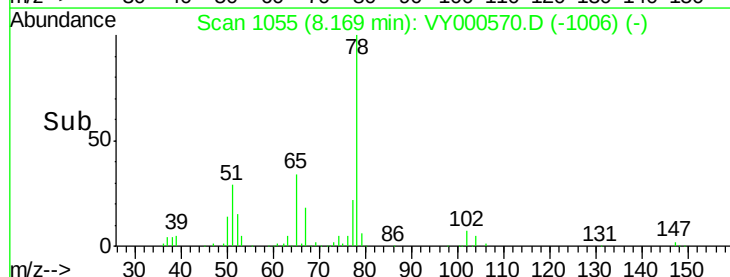
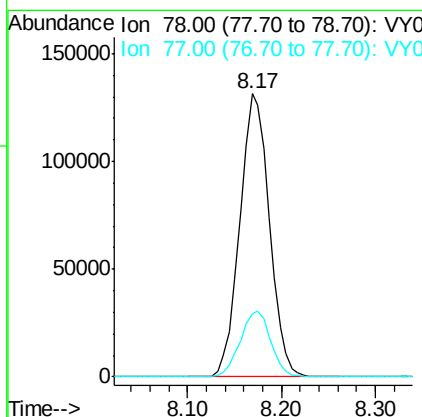
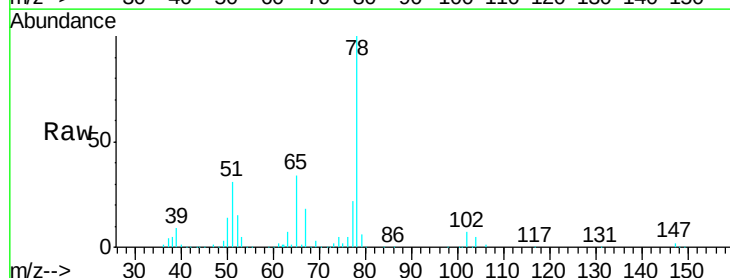
Manual Integrations
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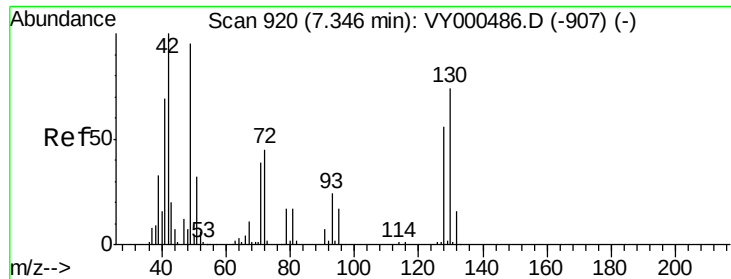
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#40
Benzene
Concen: 21.510 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	288797		
77	22.5		18.6	28.0





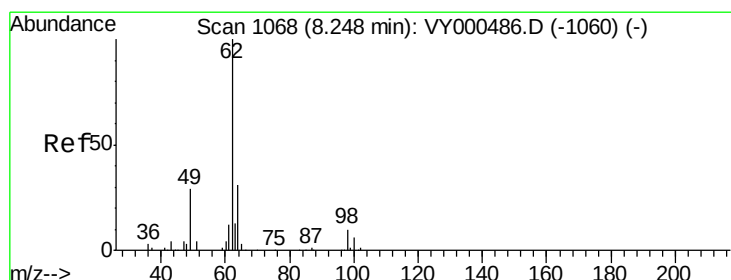
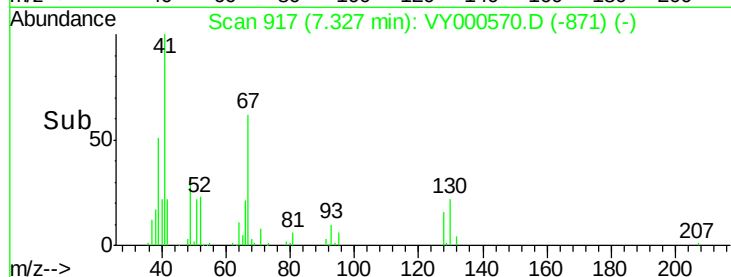
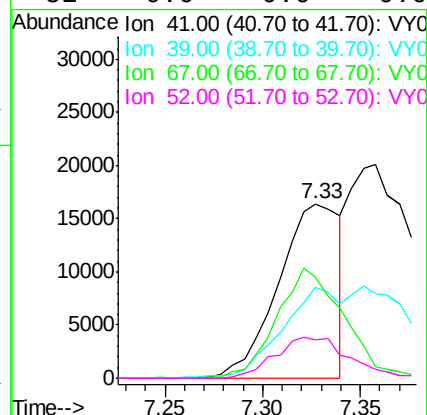
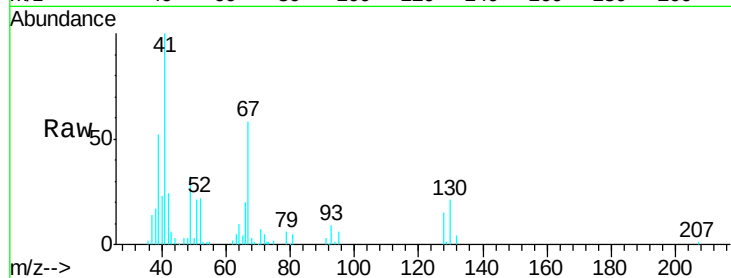
#41
Methacrylonitrile
Concen: 23.905 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.02 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt 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

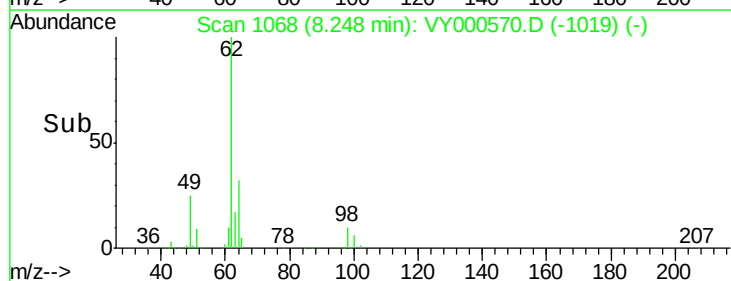
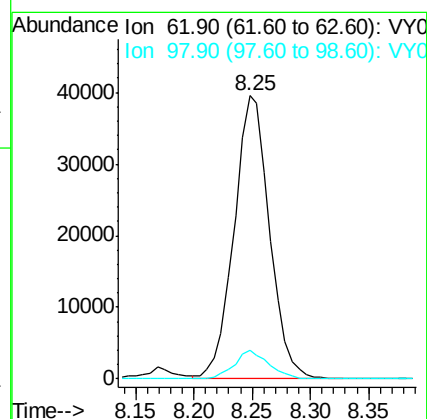
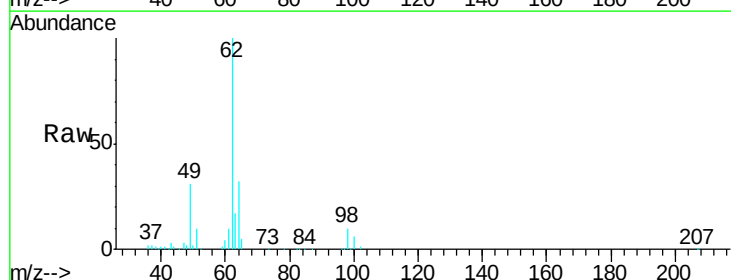
Manual Integrations
APPROVED

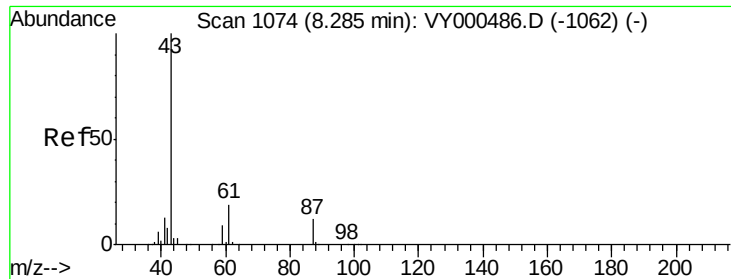
MMDadoda
11/8/2019 4:07:40 PM



#42
1,2-Dichloroethane
Concen: 21.950 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2





#43

Isopropyl Acetate

Concen: 22.726 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

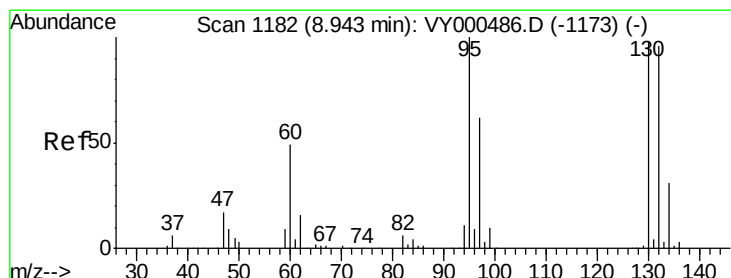
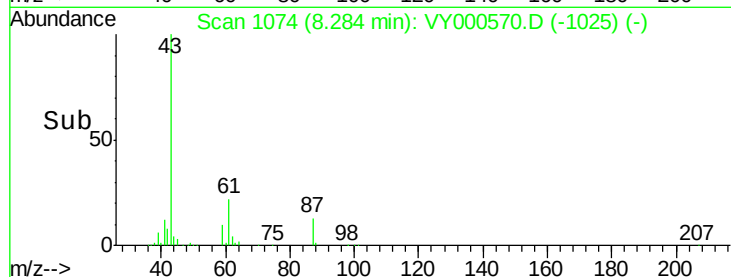
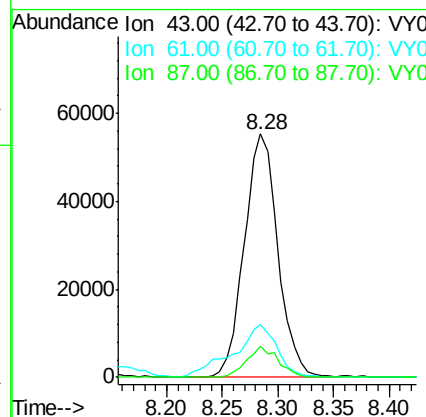
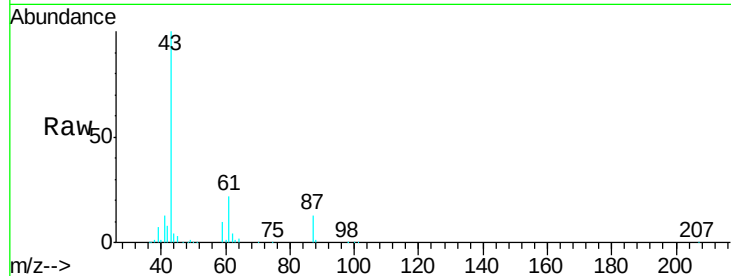
ClientSampleId :

VY1107SBS01

Tgt Ion:	43	Resp:	116072
Ion	Ratio	Lower	Upper
43	100		
61	28.0	23.0	34.4
87	12.1	10.5	15.7

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#44

Trichloroethene

Concen: 21.607 ug/l

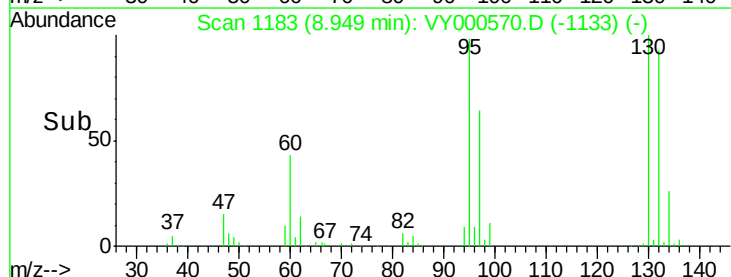
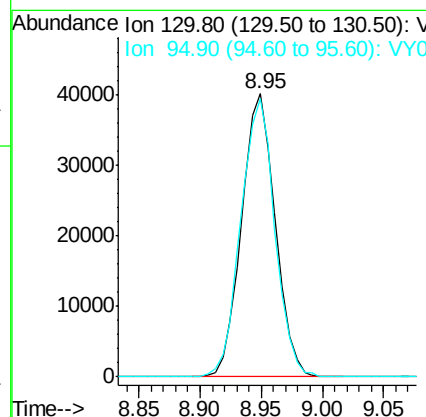
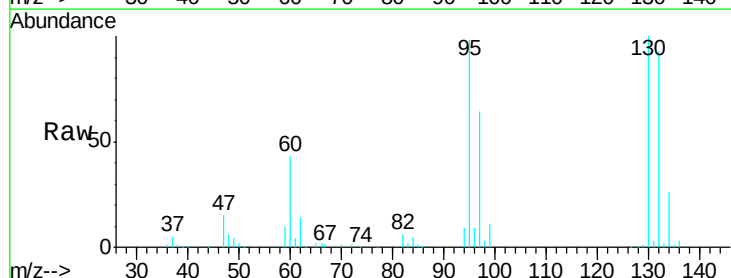
RT: 8.95 min Scan# 1183

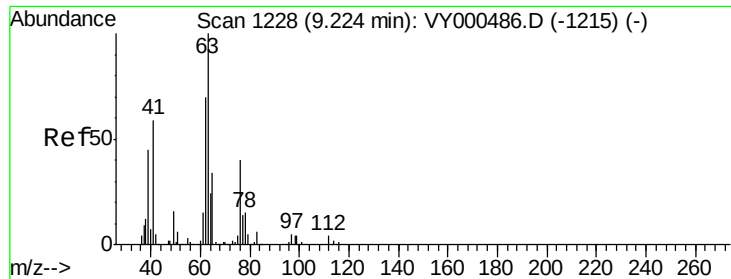
Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Tgt Ion:	130	Resp:	76487
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	203.2





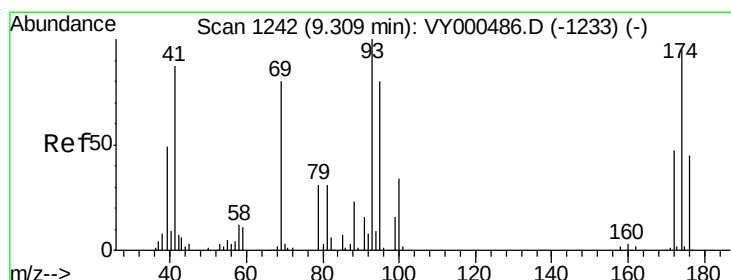
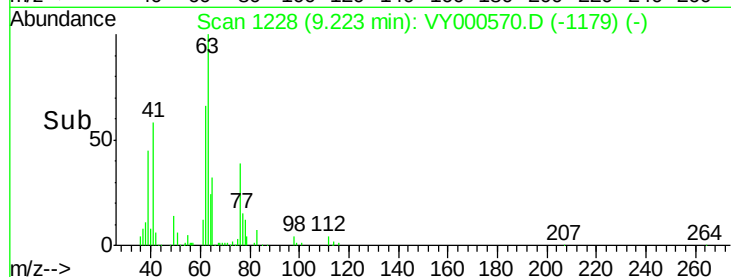
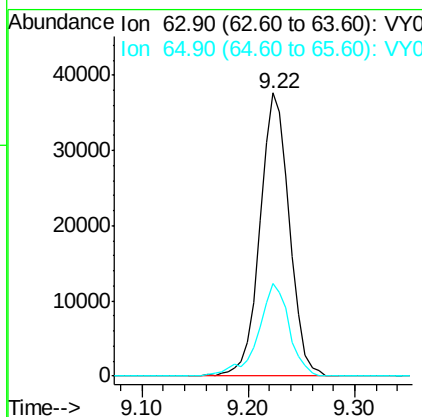
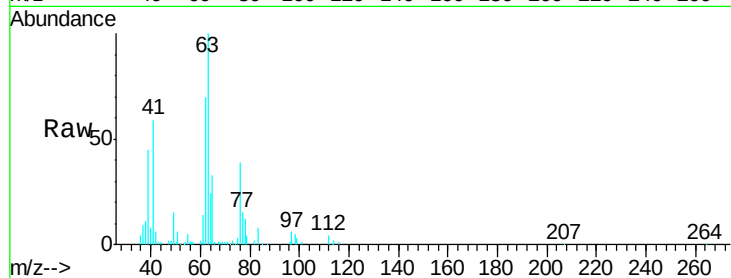
#45
 1,2-Dichloropropane
 Concen: 21.989 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Tgt Ion: 63 Resp: 72661
 Ion Ratio Lower Upper
 63 100
 65 32.6 27.0 40.4

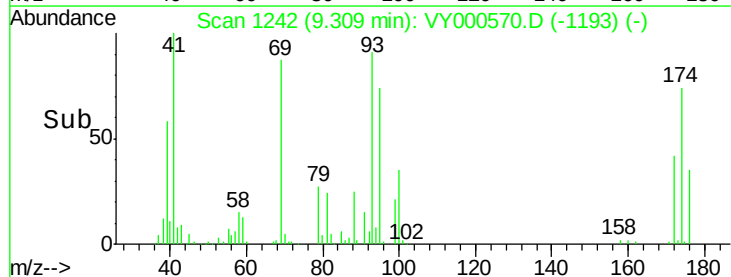
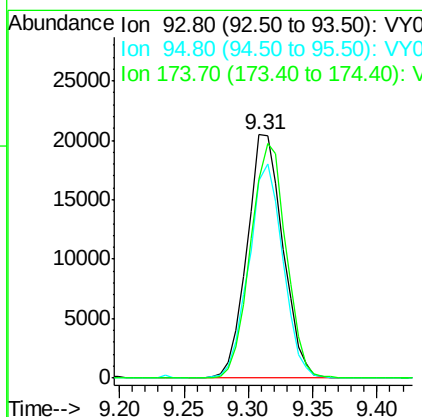
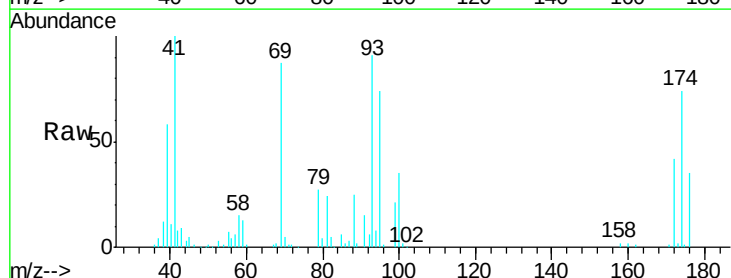
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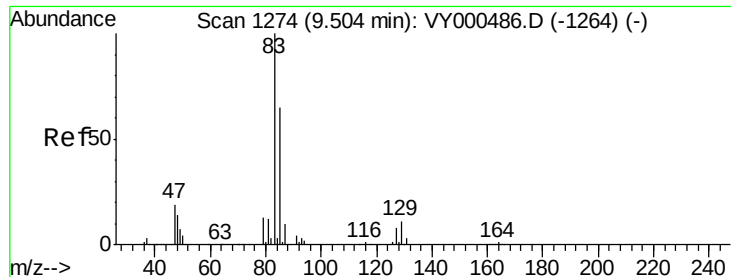
MMDadoda
 11/8/2019 4:07:40 PM



#46
 Dibromomethane
 Concen: 21.662 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion: 93 Resp: 39365
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.4 99.6
 174 95.1 77.1 115.7





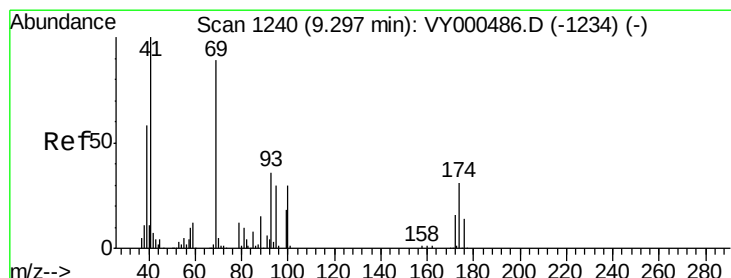
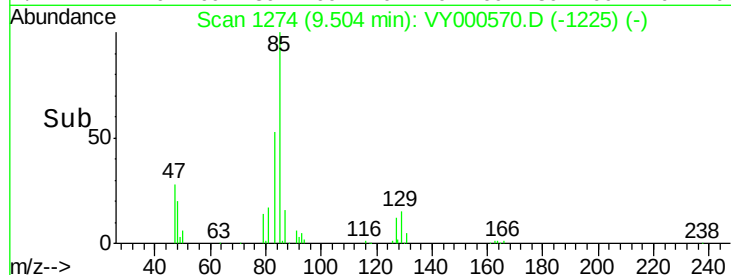
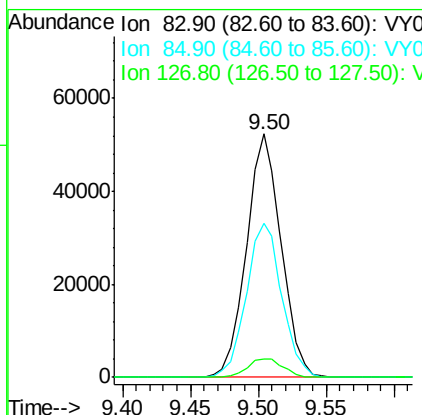
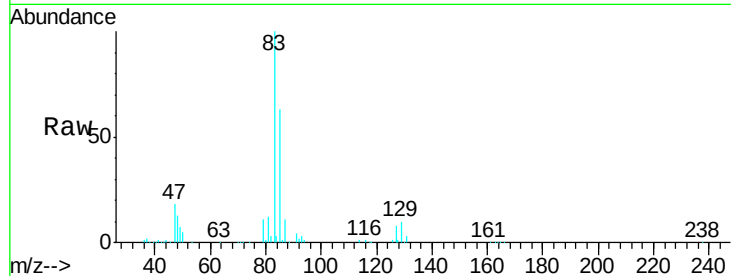
#47
Bromodichloromethane
Concen: 21.643 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.8	77.8
127	7.5	6.7	10.1

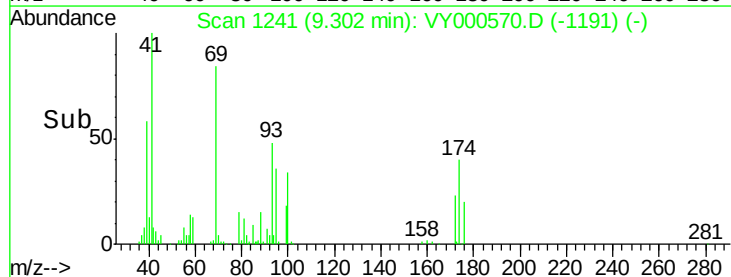
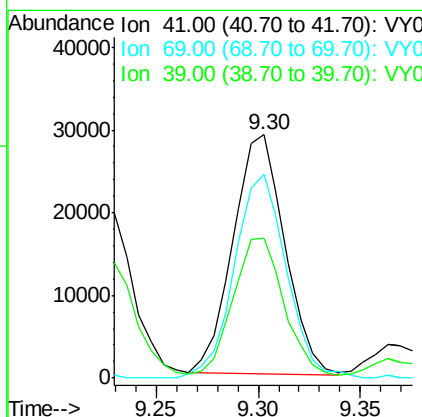
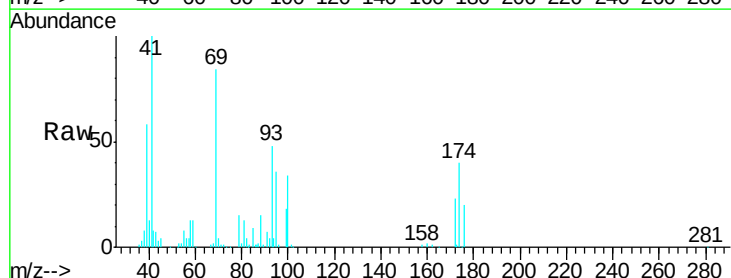
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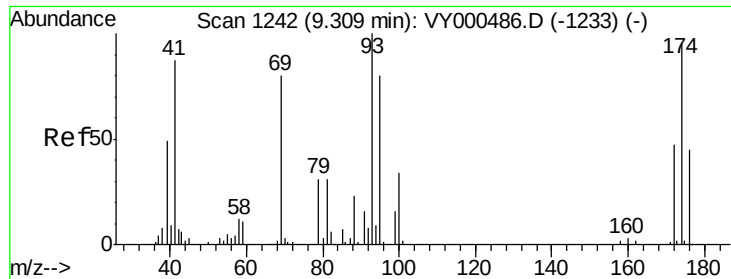
MMDadoda
11/8/2019 4:07:40 PM



#48
Methyl methacrylate
Concen: 22.796 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.8	72.5	108.7
39	58.4	47.8	71.8





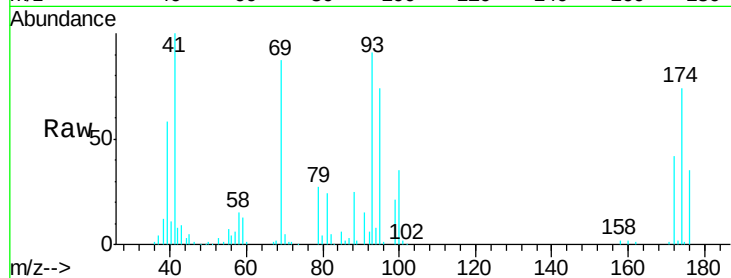
#49
1,4-Dioxane
Concen: 453.719 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

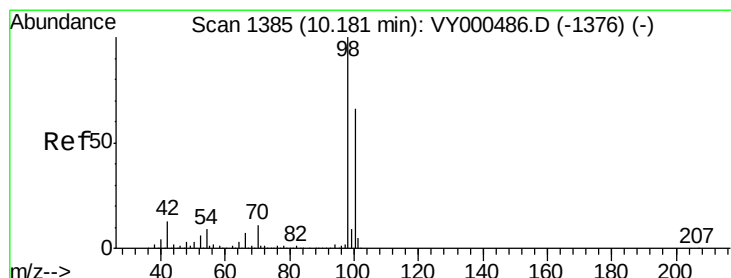
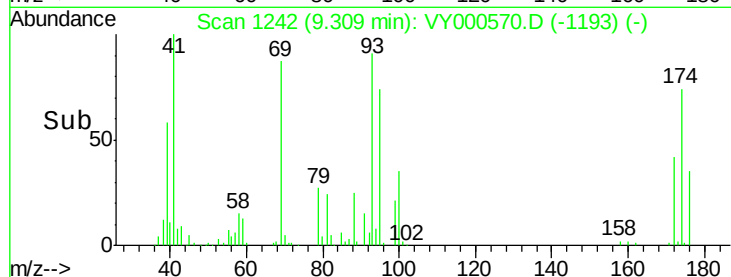
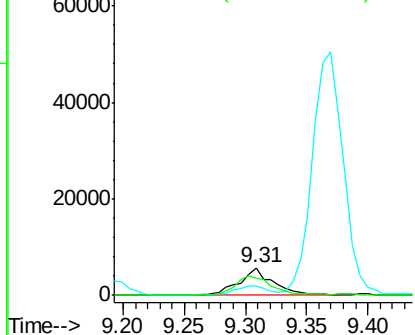
Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.9	25.1	37.7
58	76.5	50.6	75.8

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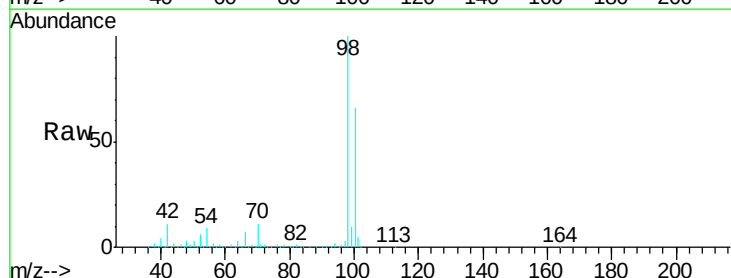


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

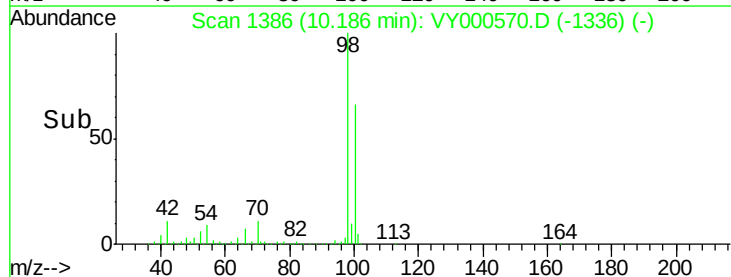
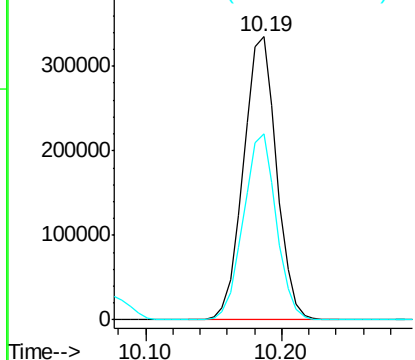


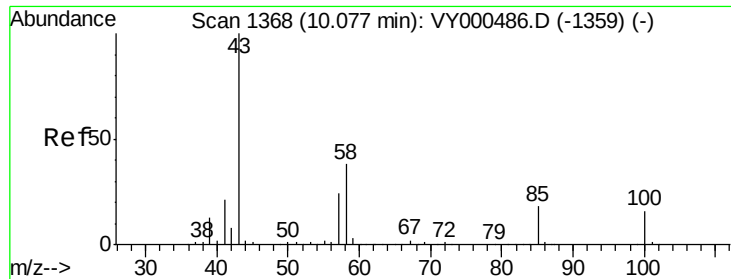
#50
Toluene-d8
Concen: 52.818 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.9	79.3



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





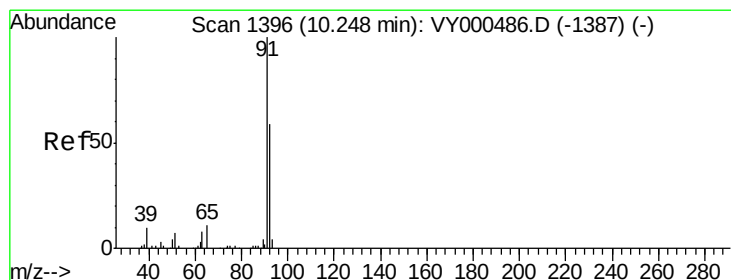
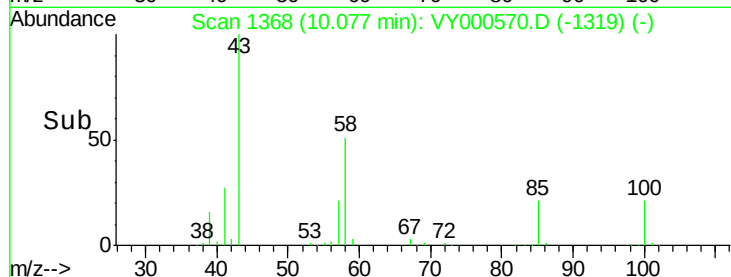
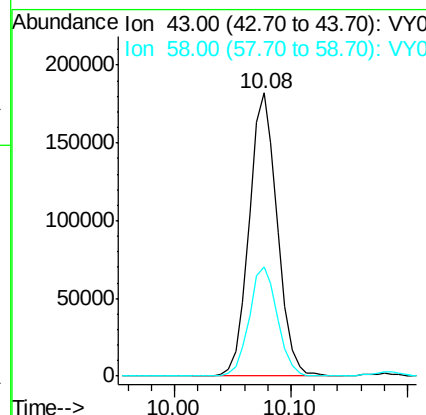
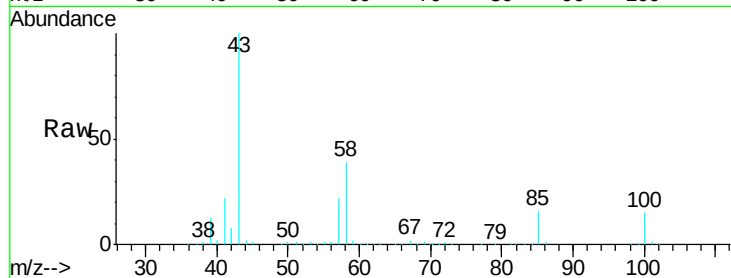
#51
4-Methyl-2-Pentanone
Concen: 112.512 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 43 Resp: 305520
Ion Ratio Lower Upper
43 100
58 38.9 30.2 45.4

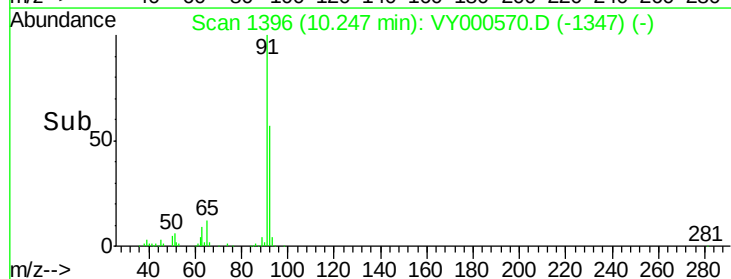
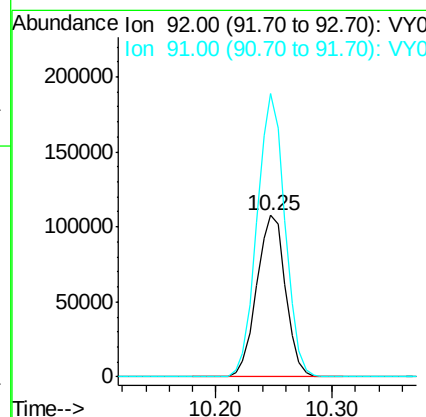
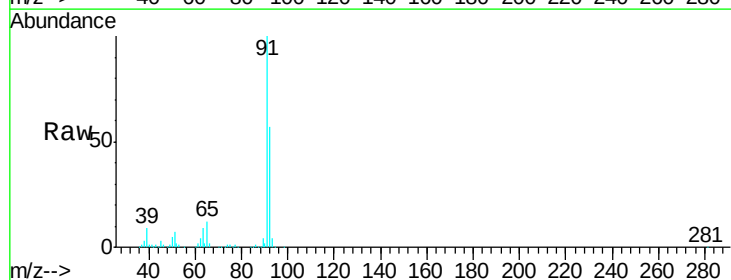
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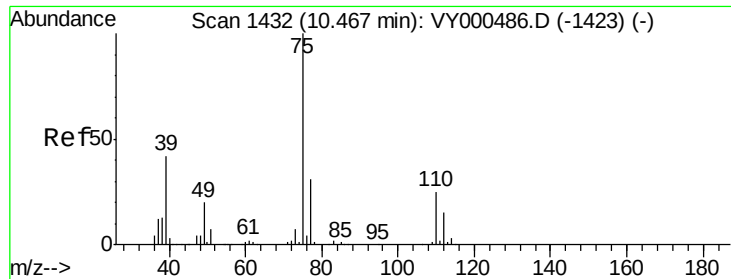
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#52
Toluene
Concen: 21.916 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 92 Resp: 186030
Ion Ratio Lower Upper
92 100
91 170.3 136.3 204.5





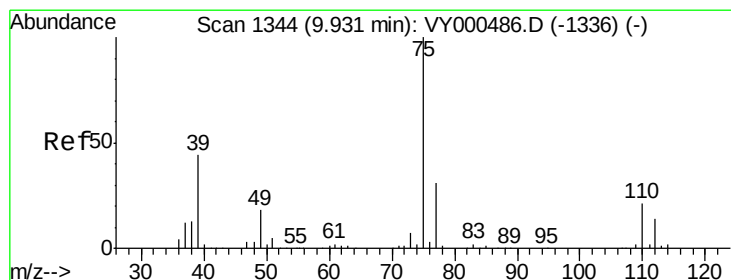
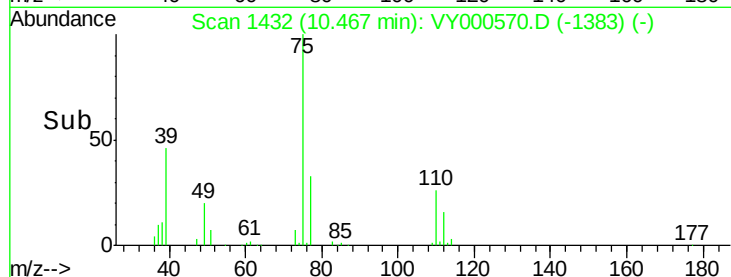
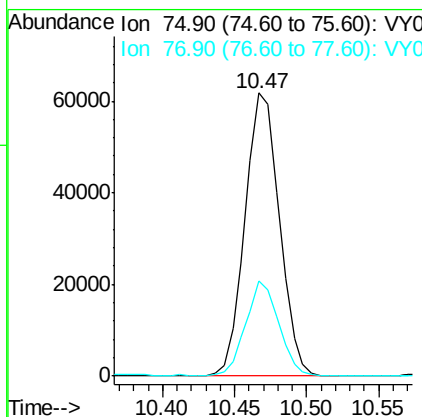
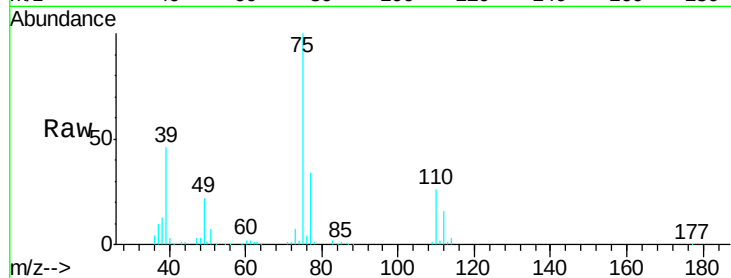
#53
t-1,3-Dichloropropene
Concen: 22.157 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 75 Resp: 102085
Ion Ratio Lower Upper
75 100
77 33.5 24.6 37.0

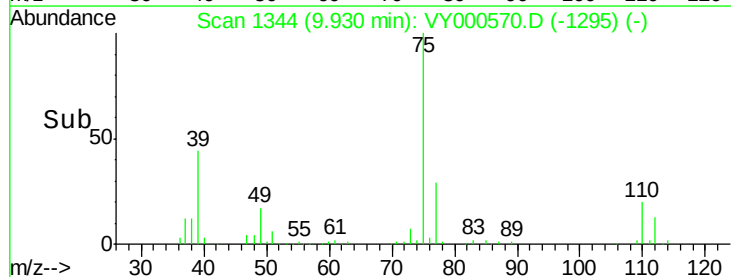
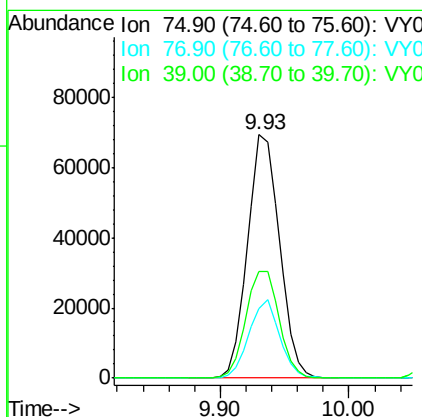
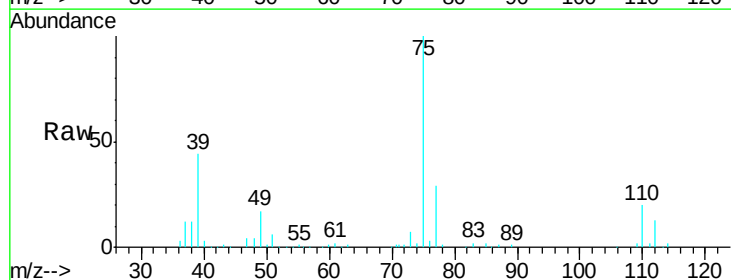
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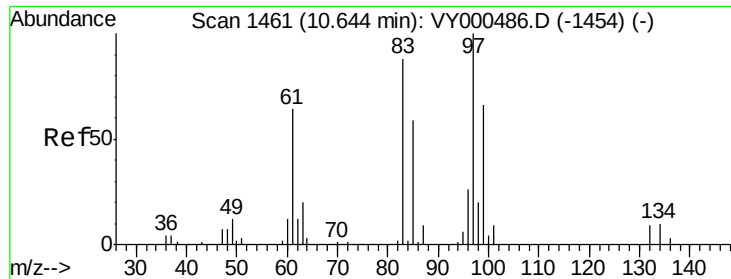
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#54
cis-1,3-Dichloropropene
Concen: 22.533 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 75 Resp: 118935
Ion Ratio Lower Upper
75 100
77 28.5 24.5 36.7
39 43.9 35.4 53.2





#55

1,1,2-Trichloroethane

Concen: 21.430 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

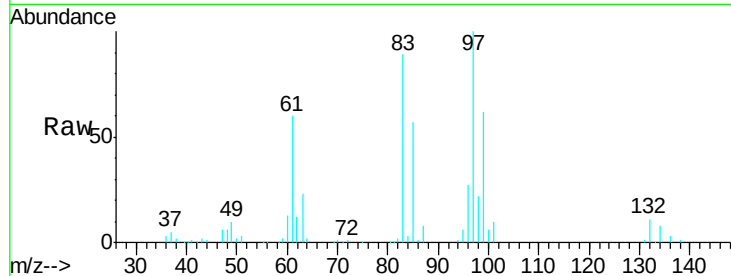
ClientSampleId :

VY1107SBS01

Tgt Ion:	97	Resp:	56329
Ion	Ratio	Lower	Upper
97	100		
83	89.2	70.2	105.4
85	57.6	46.9	70.3
99	62.5	52.6	78.8

Manual Integrations
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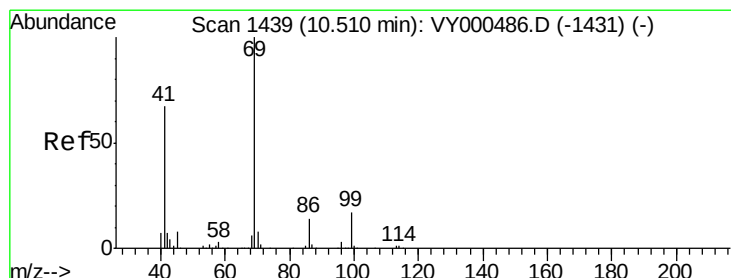
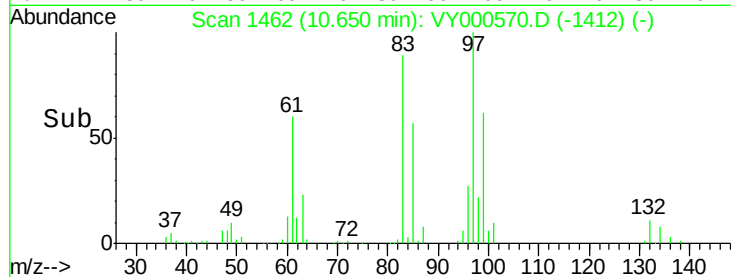
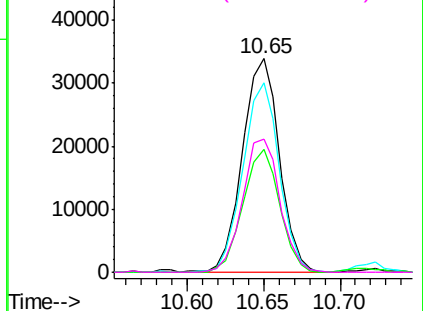


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 22.483 ug/l

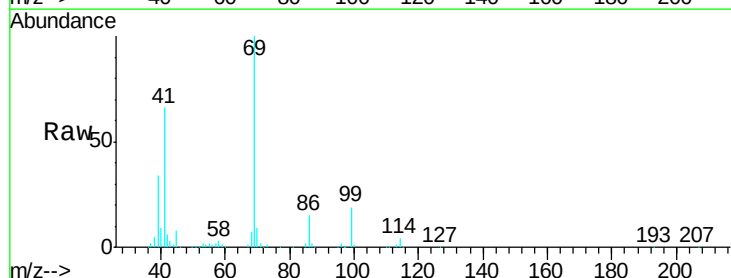
RT: 10.52 min Scan# 1440

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

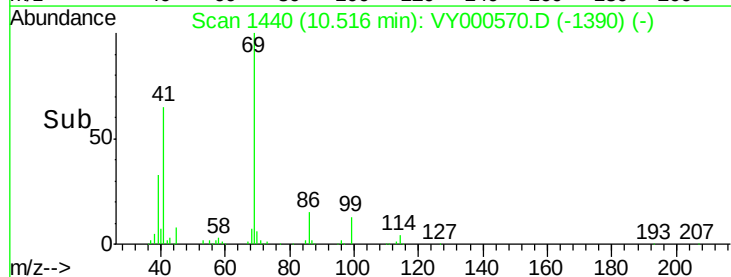
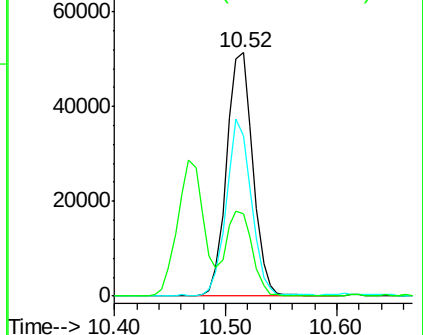
Tgt Ion:	69	Resp:	83759
Ion	Ratio	Lower	Upper
69	100		
41	68.6	53.3	79.9
39	34.9	28.0	42.0

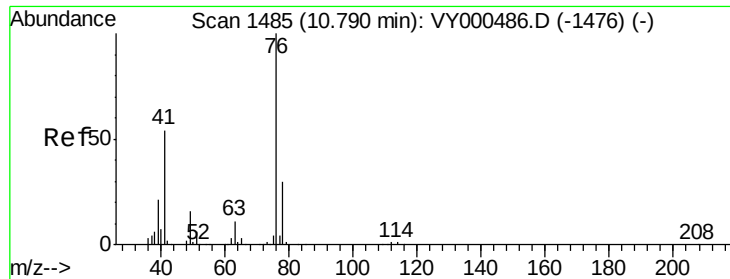


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





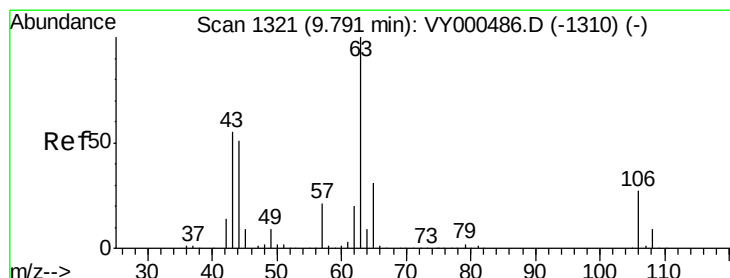
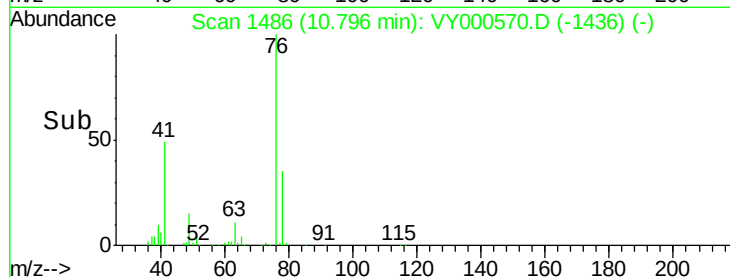
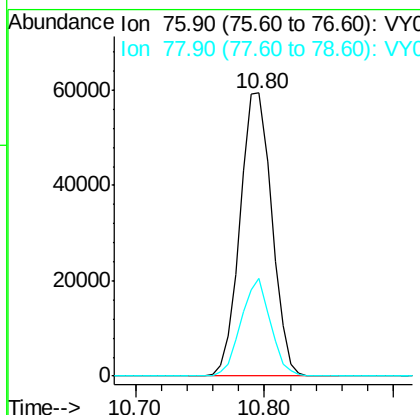
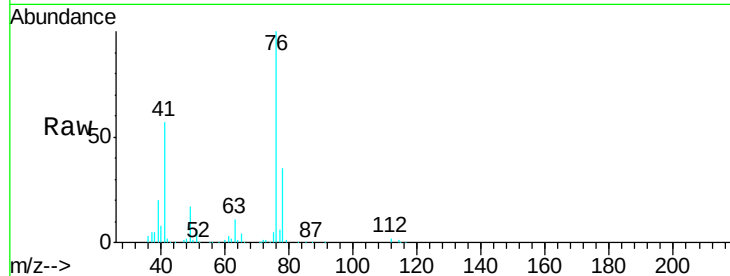
#57
 1,3-Dichloropropane
 Concen: 22.046 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Tgt Ion: 76 Resp: 101418
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.2 37.8

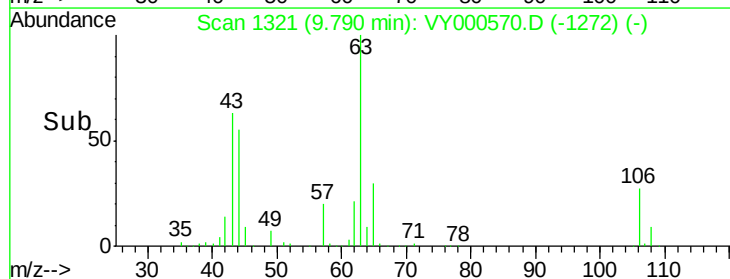
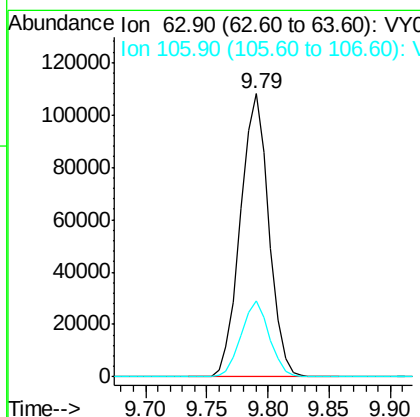
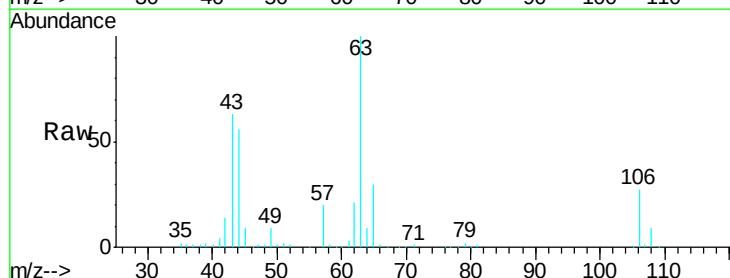
Manual Integrations
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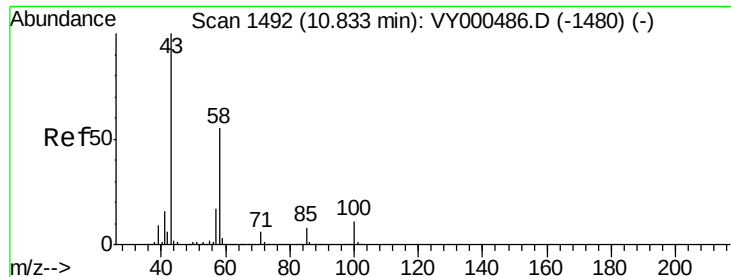
MMDadoda
 11/8/2019 4:07:40 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.157 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion: 63 Resp: 173740
 Ion Ratio Lower Upper
 63 100
 106 26.6 22.6 33.8





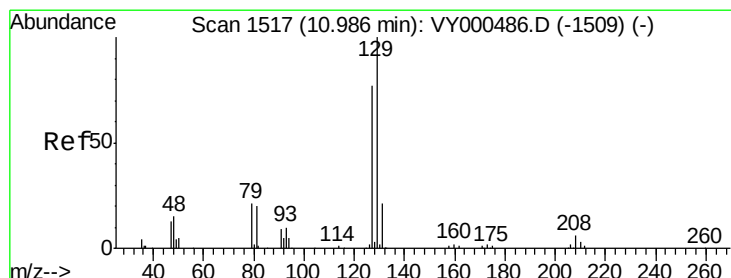
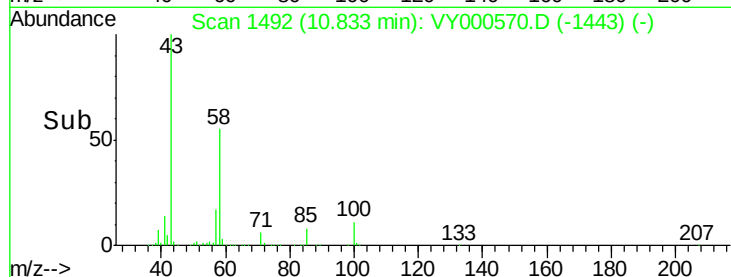
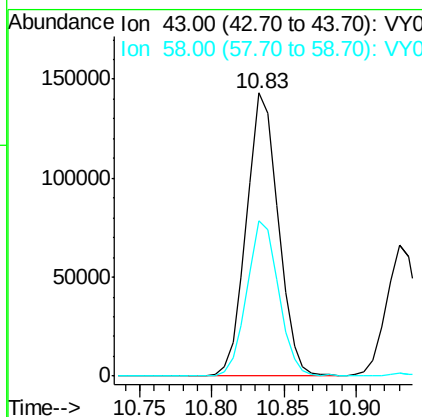
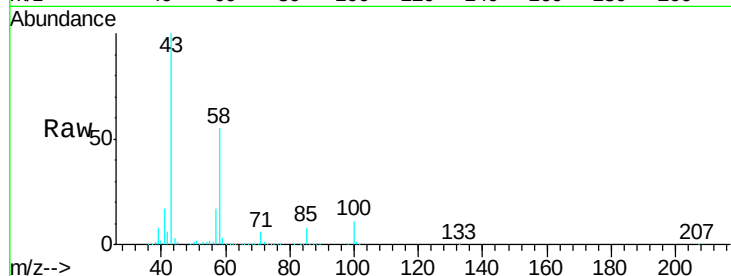
#59
2-Hexanone
Concen: 110.449 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 43 Resp: 218520
Ion Ratio Lower Upper
43 100
58 54.9 27.1 81.3

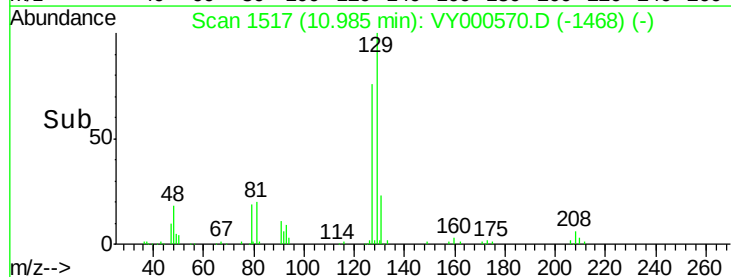
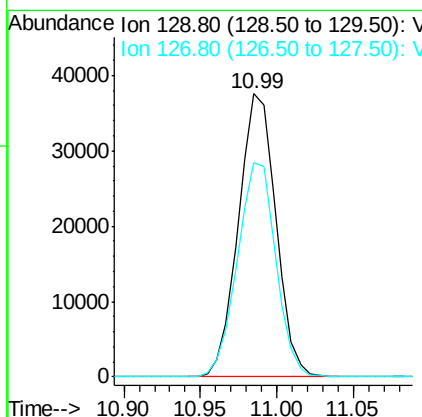
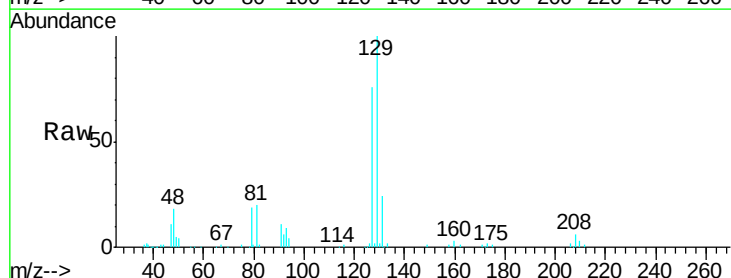
Manual Integrations
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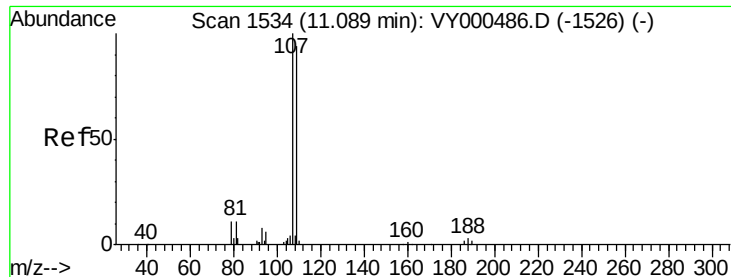
MMDadoda
11/8/2019 4:07:40 PM



#60
Dibromochloromethane
Concen: 21.262 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 129 Resp: 64014
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2





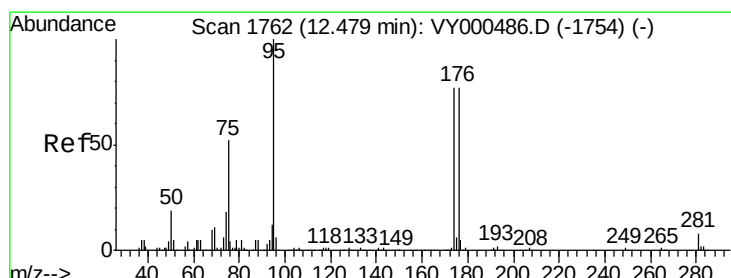
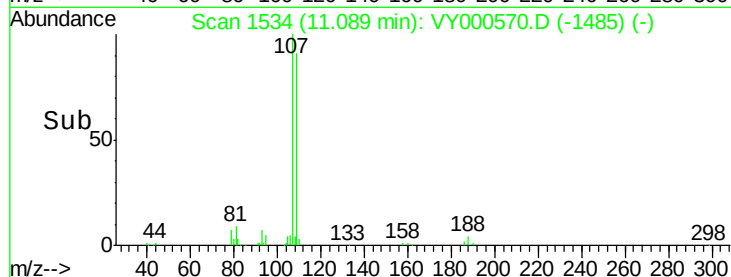
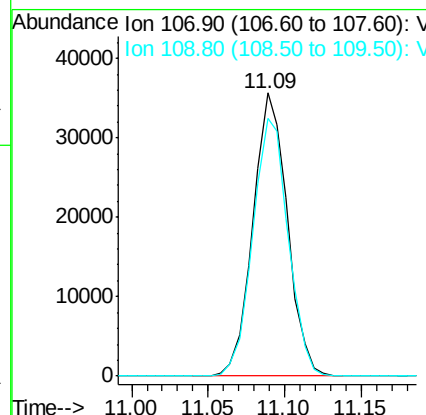
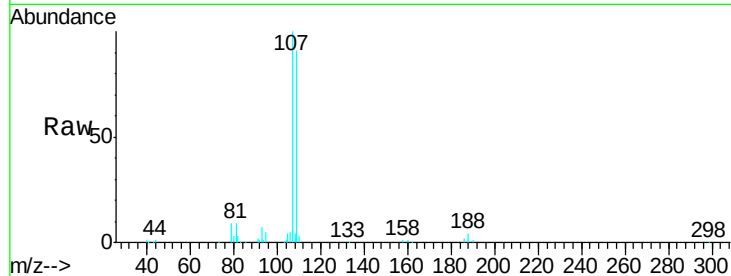
#61
 1,2-Dibromoethane
 Concen: 22.065 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD01

Tgt Ion: 107 Resp: 55763
 Ion Ratio Lower Upper
 107 100
 109 93.9 73.6 110.4

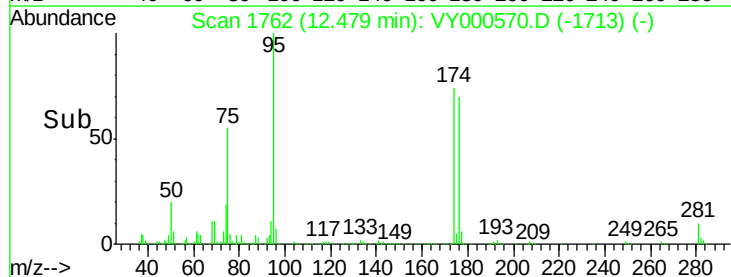
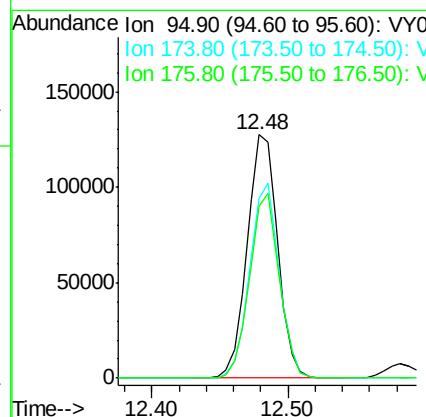
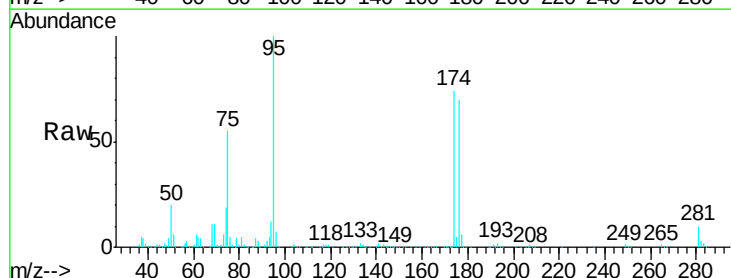
Manual Integrations
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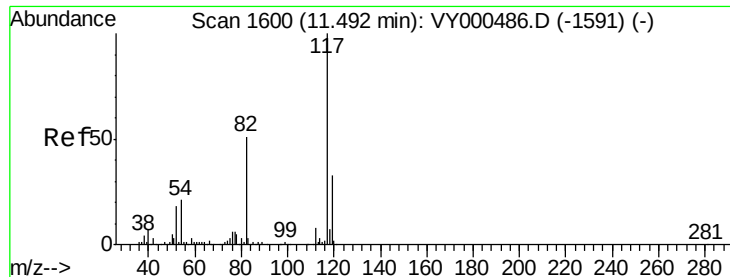
MMDadoda
 11/8/2019 4:07:40 PM



#62
 4-Bromofluorobenzene
 Concen: 48.666 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion: 95 Resp: 199922
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 161.6
 176 74.1 0.0 157.8





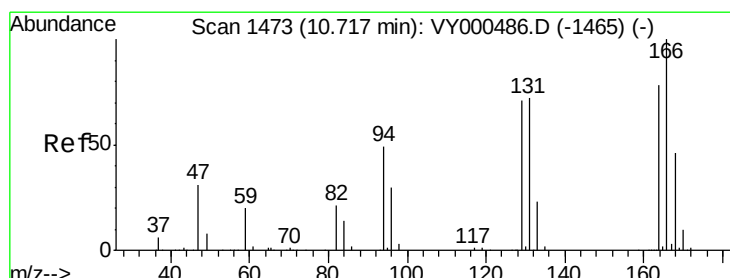
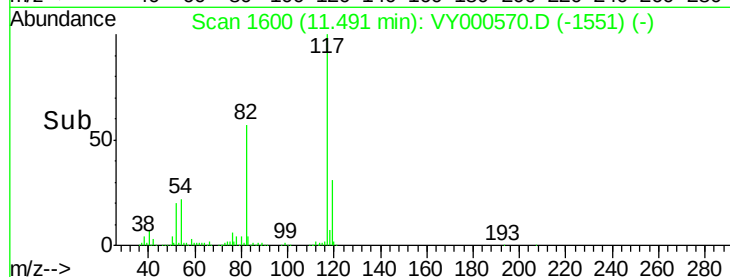
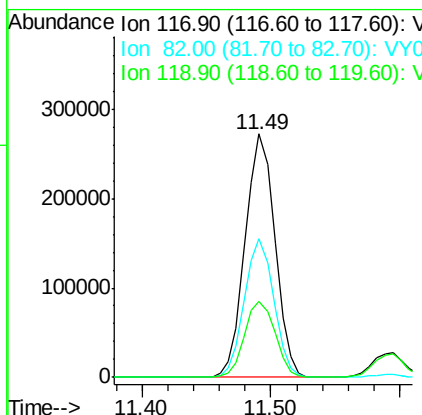
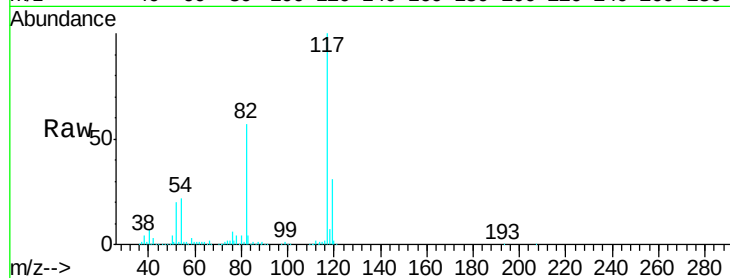
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampled :
VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	435131		
82	56.9	40.8	61.2	
119	31.2	26.2	39.2	

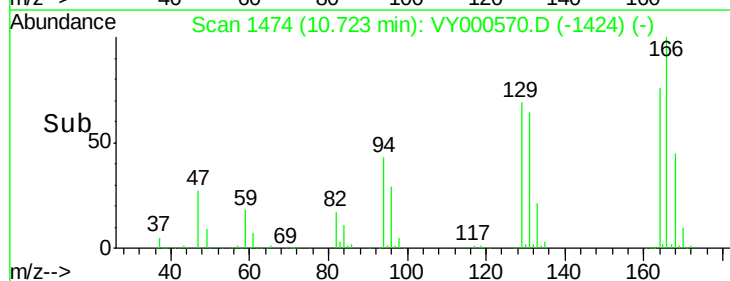
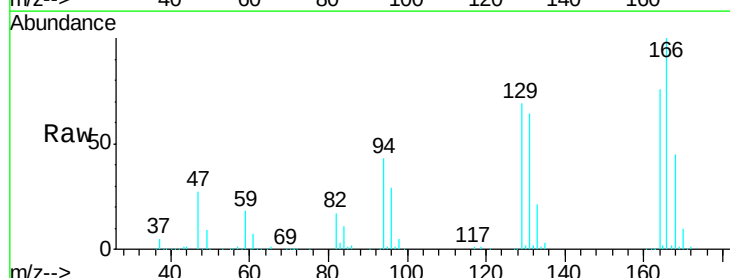
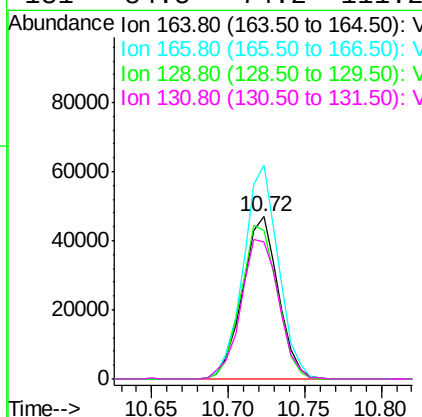
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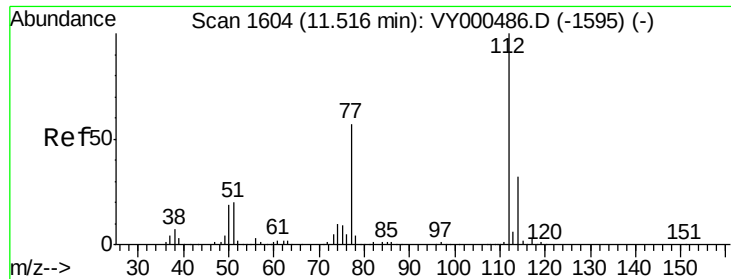
MMDadoda
11/8/2019 4:07:40 PM



#64
Tetrachloroethene
Concen: 21.217 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	76340		
166	131.5	102.7	154.1	
129	91.3	73.2	109.8	
131	84.5	74.2	111.2	





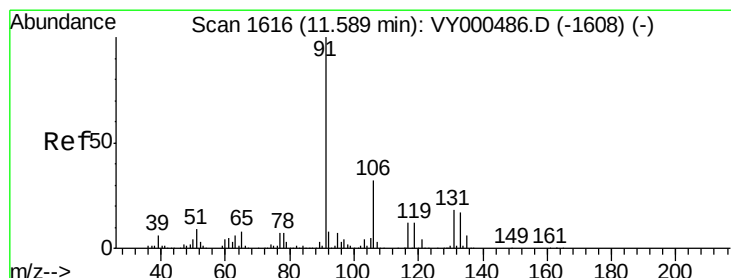
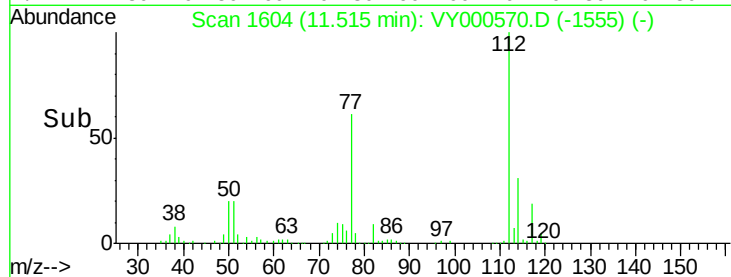
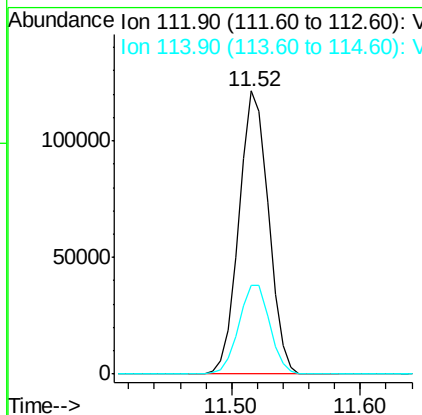
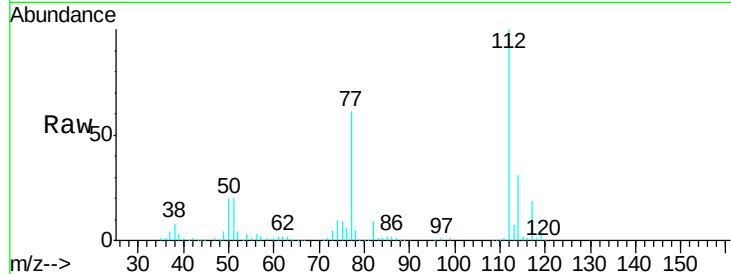
#65
Chlorobenzene
Concen: 21.812 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	192429		
114	31.2	25.3	37.9	

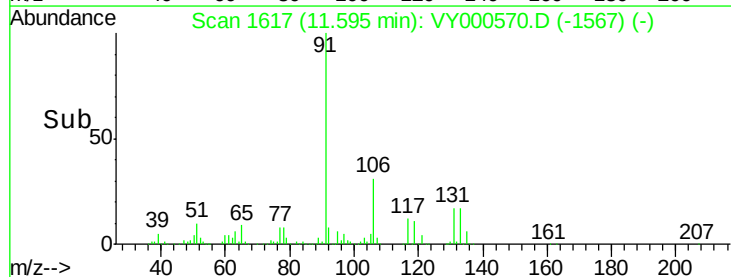
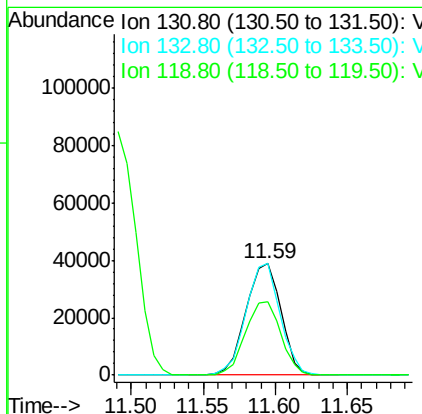
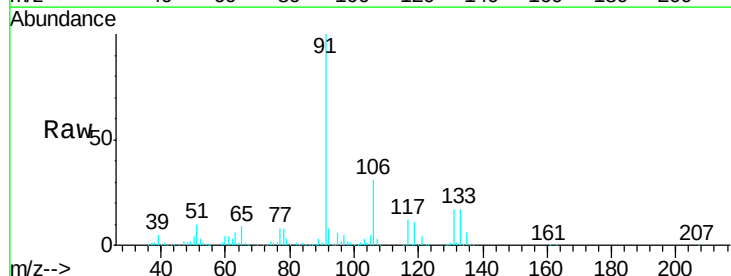
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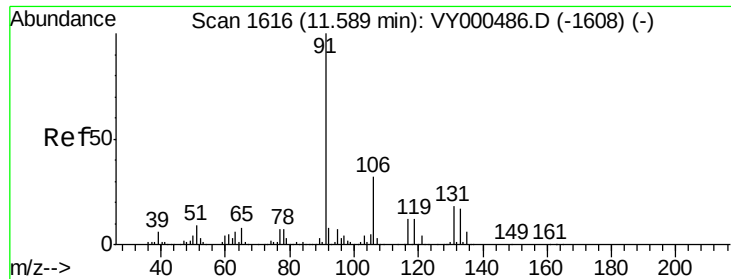
MMDadoda
11/8/2019 4:07:40 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.372 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	65391		
133	97.9	47.9	143.8	
119	66.3	33.1	99.3	





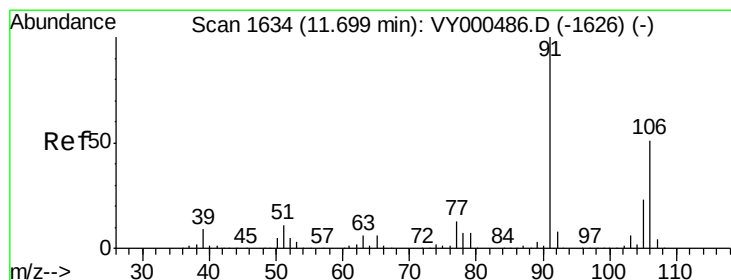
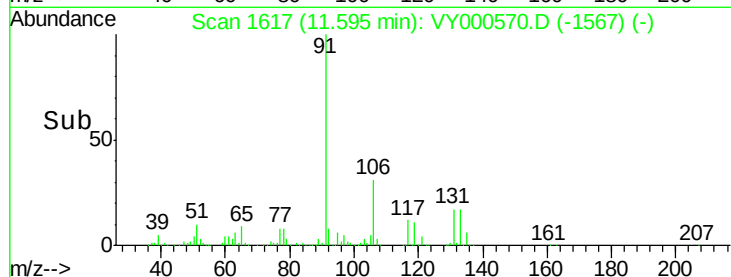
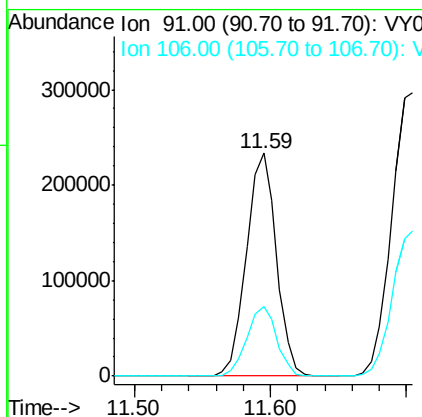
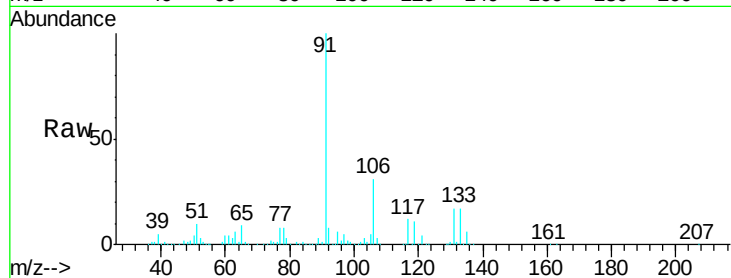
#67
Ethyl Benzene
Concen: 22.184 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 91 Resp: 360190
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0

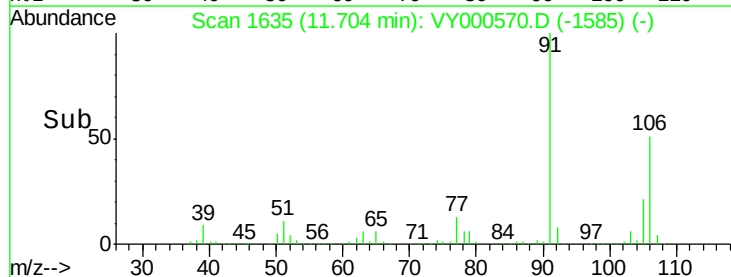
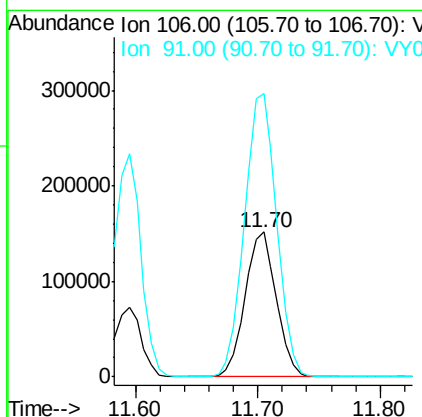
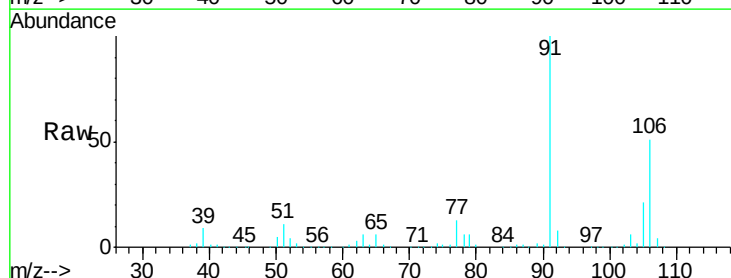
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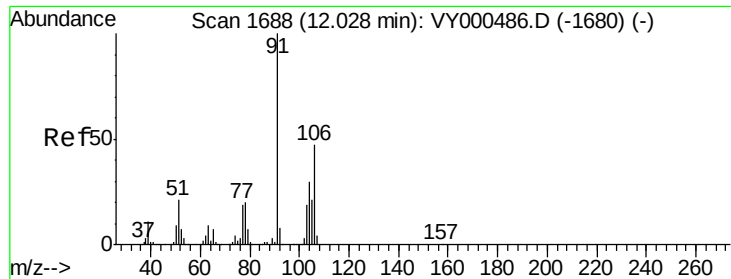
MMDadoda
11/8/2019 4:07:40 PM



#68
m/p-Xylenes
Concen: 42.709 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 106 Resp: 268393
Ion Ratio Lower Upper
106 100
91 202.1 155.9 233.9





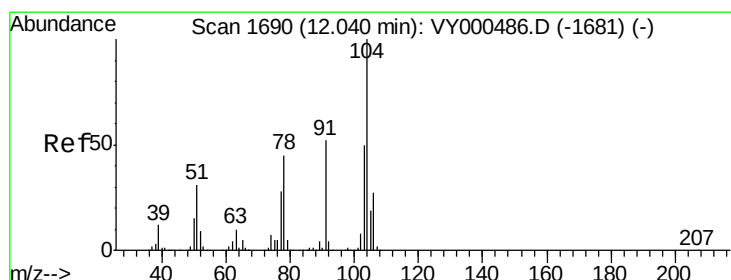
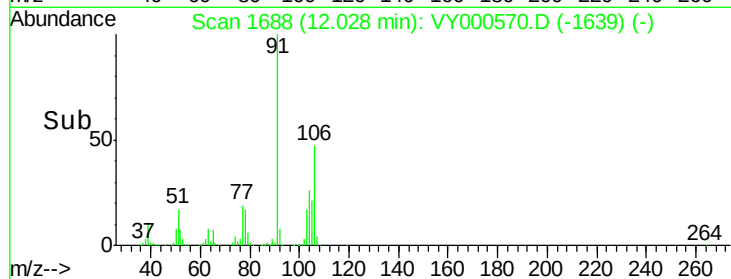
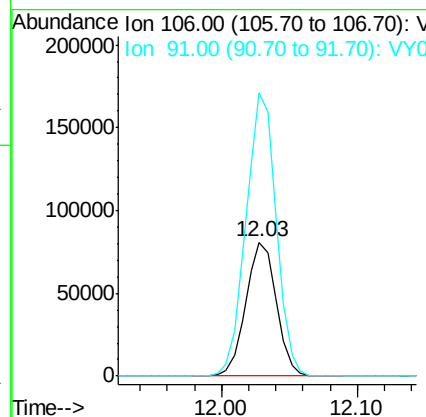
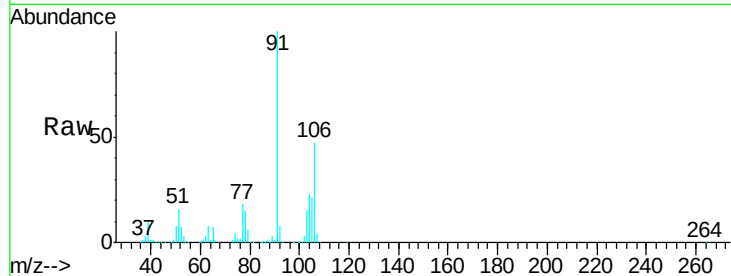
#69
o-Xylene
Concen: 21.484 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD01

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.8	106.5	319.6

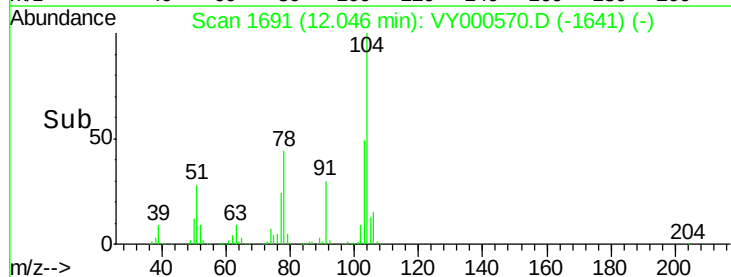
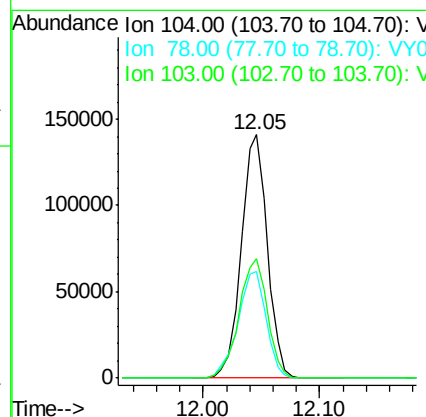
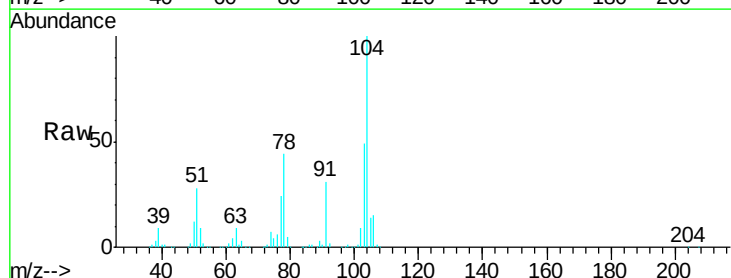
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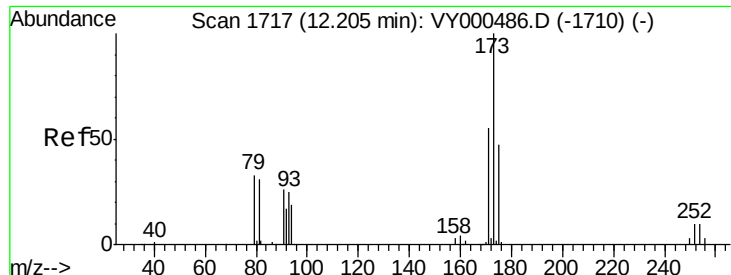
MMDadoda
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#70
Styrene
Concen: 21.685 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	39.0	58.4
103	53.5	42.5	63.7





#71

Bromoform

Concen: 20.797 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion:173 Resp: 36600

Ion Ratio Lower Upper

173 100

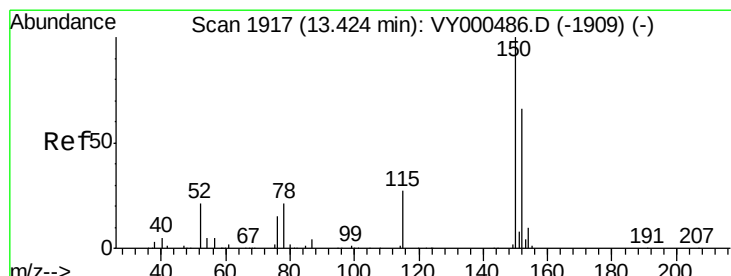
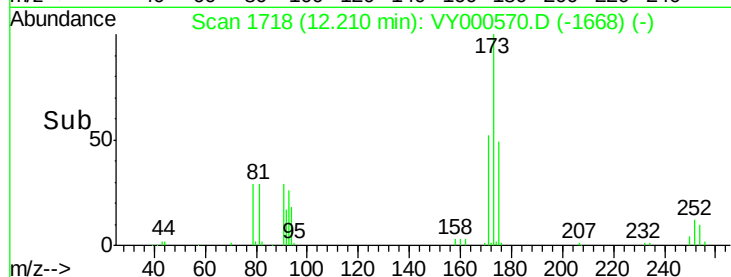
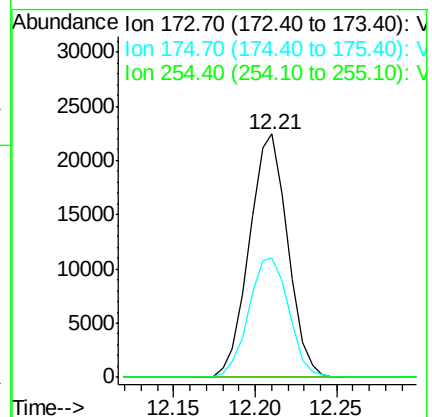
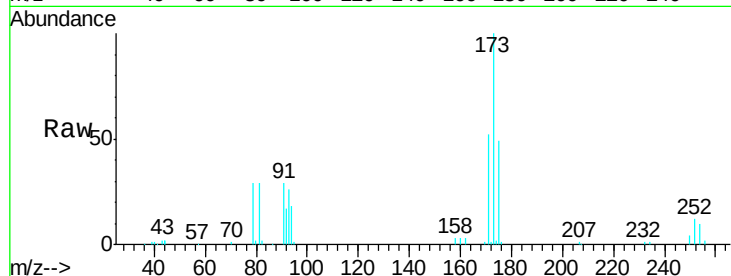
175 51.4 24.4 73.2

254 0.0 0.1 0.1#

Manual Integrations
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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: VY000570.D

Acq: 07 Nov 2019 11:23

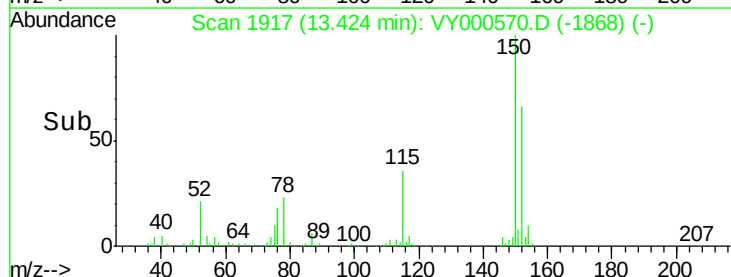
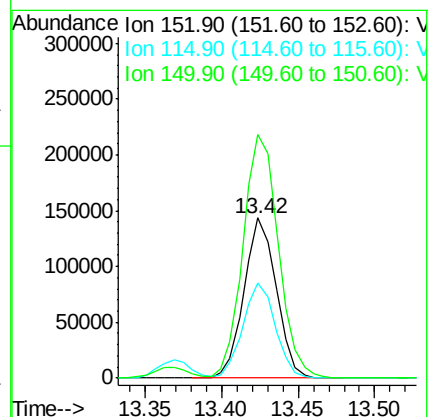
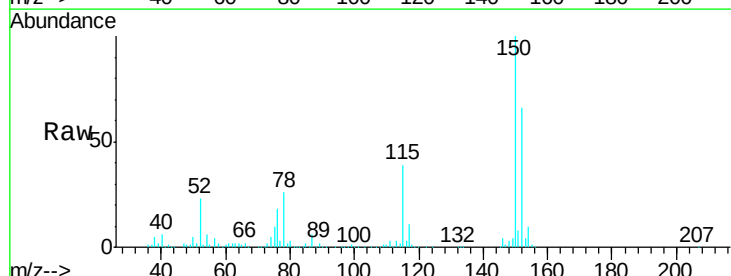
Tgt Ion:152 Resp: 210607

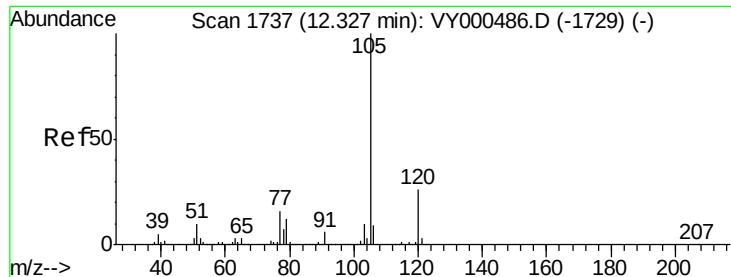
Ion Ratio Lower Upper

152 100

115 59.7 29.1 87.4

150 166.2 0.0 348.8





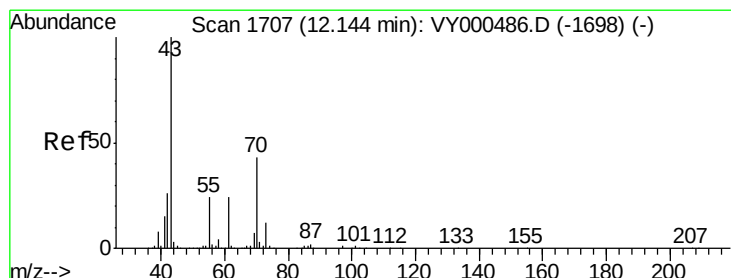
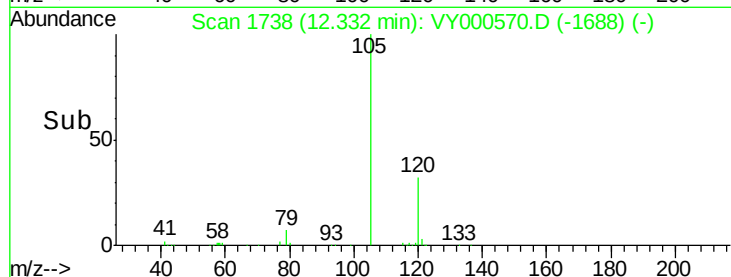
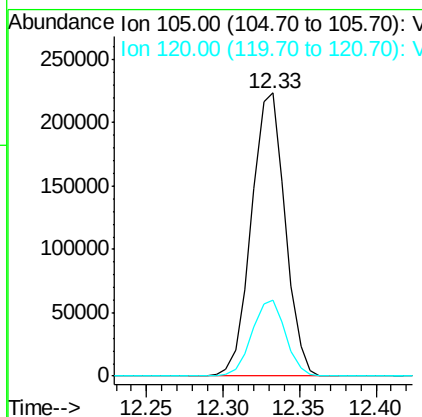
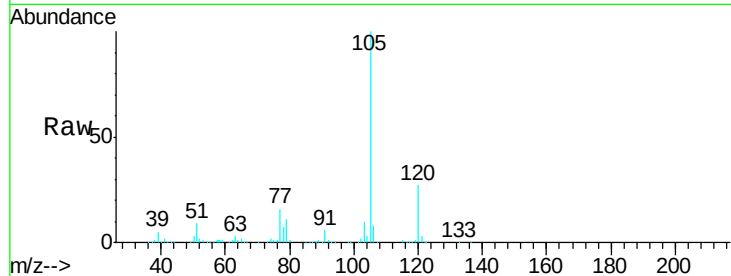
#73
Isopropylbenzene
Concen: 22.043 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 105 Resp: 343108
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

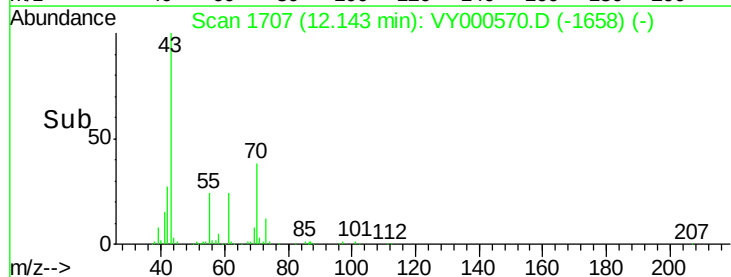
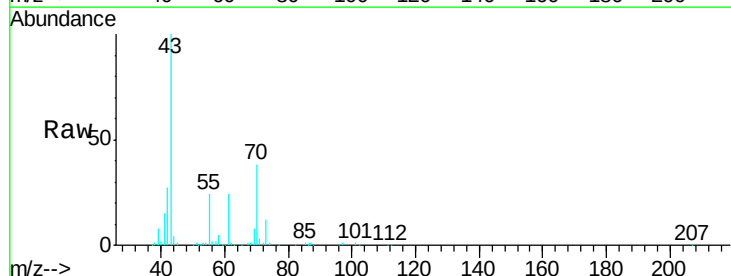
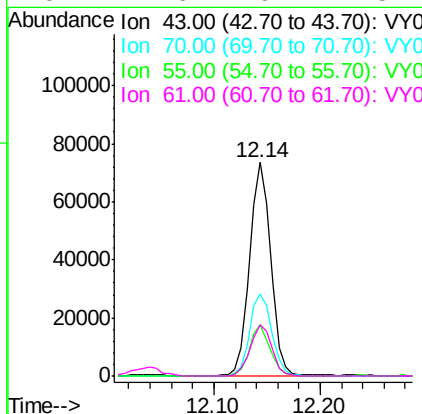
Manual Integrations
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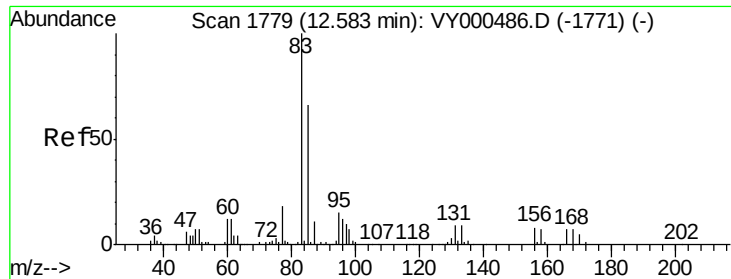
MMDadoda
11/8/2019 4:07:40 PM



#74
N-ethyl acetate
Concen: 23.295 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 43 Resp: 103848
Ion Ratio Lower Upper
43 100
70 40.2 33.1 49.7
55 23.1 18.0 27.0
61 24.6 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 23.320 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

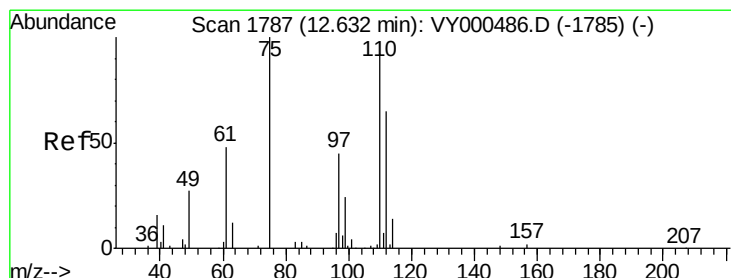
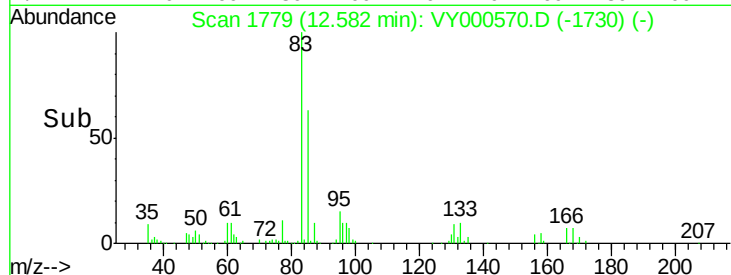
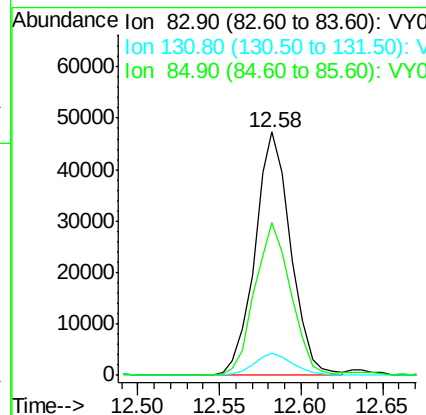
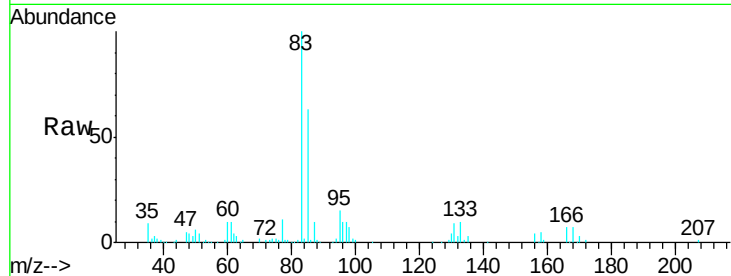
ClientSampleId :

VY1107SBS01

Tgt Ion:	83	Resp:	71872
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	14.9
85	63.8	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 17.800 ug/l m

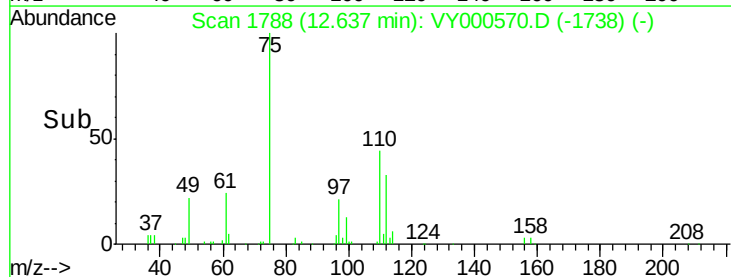
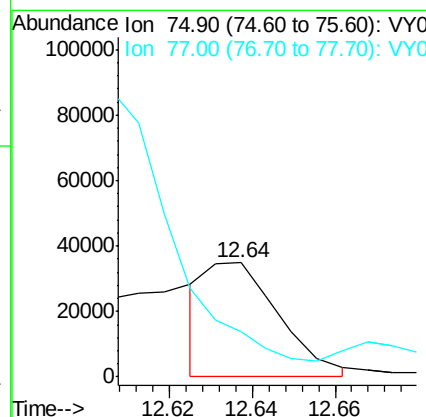
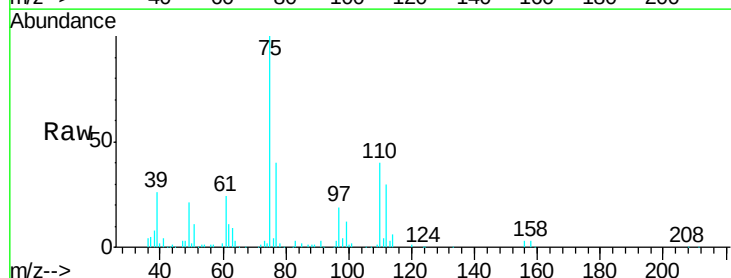
RT: 12.64 min Scan# 1788

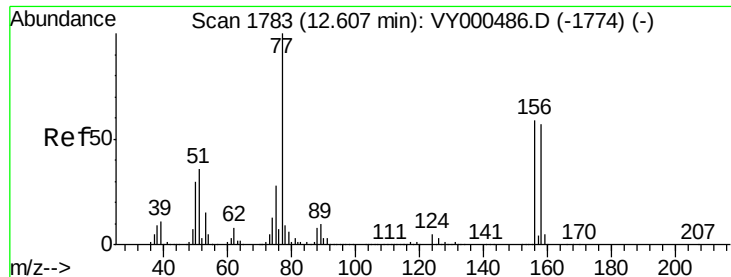
Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Tgt Ion:	75	Resp:	42685
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.639 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

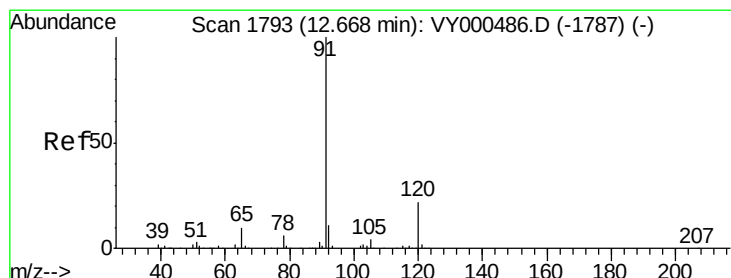
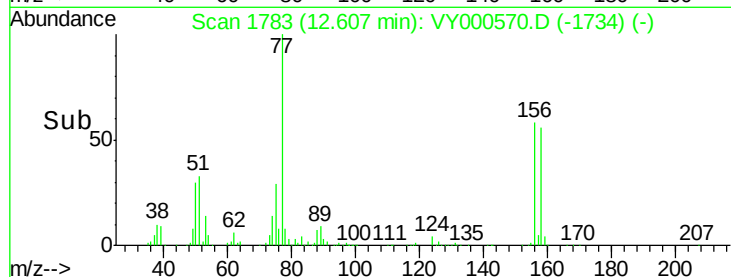
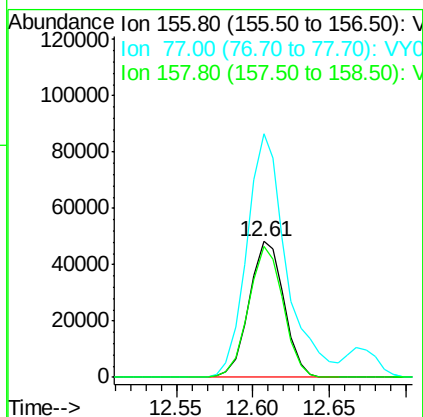
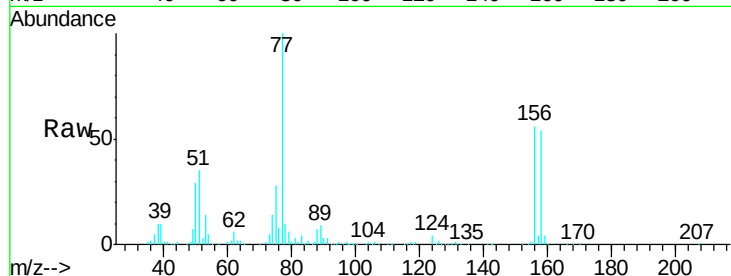
ClientSampleId :

VY1107SBS01

Tgt Ion:	156	Resp:	76381
Ion Ratio	Lower	Upper	
156	100		
77	204.1	98.2	294.4
158	95.3	49.6	149.0

Manual Integrations
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11/8/2019 4:07:40 PM



#78

n-propylbenzene

Concen: 22.160 ug/l

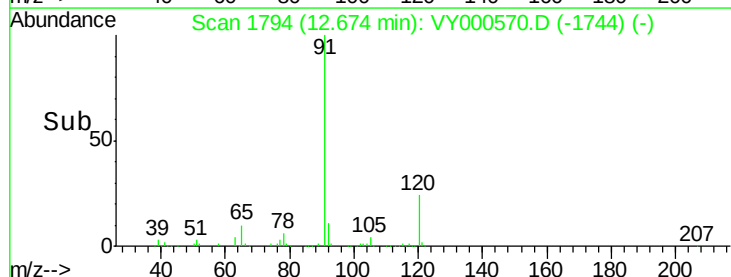
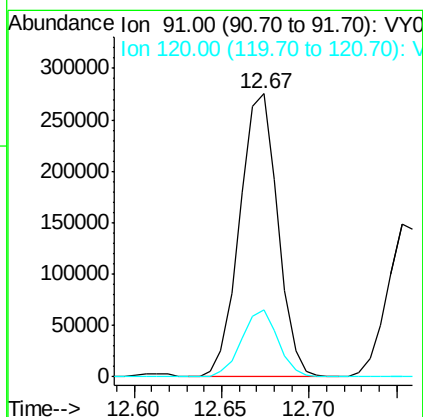
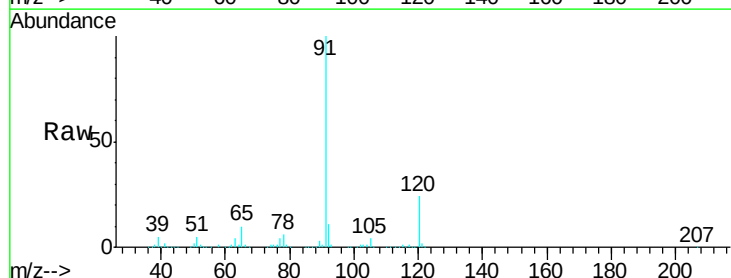
RT: 12.67 min Scan# 1794

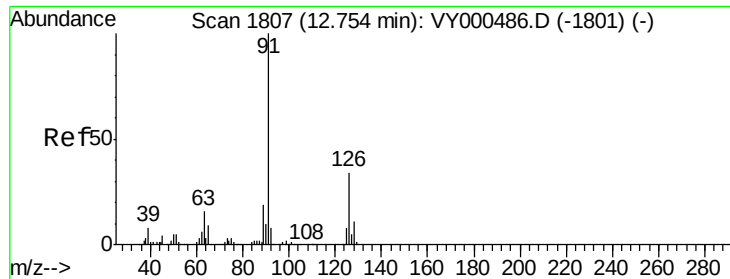
Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Tgt Ion:	91	Resp:	416181
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.4	34.1





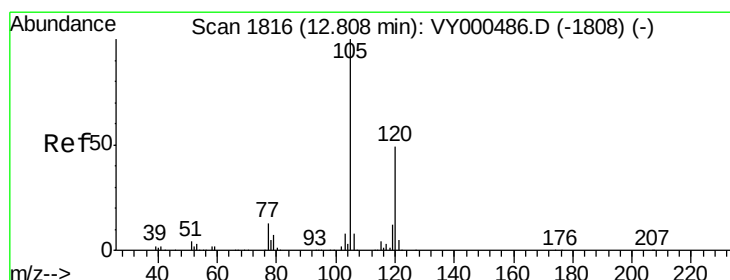
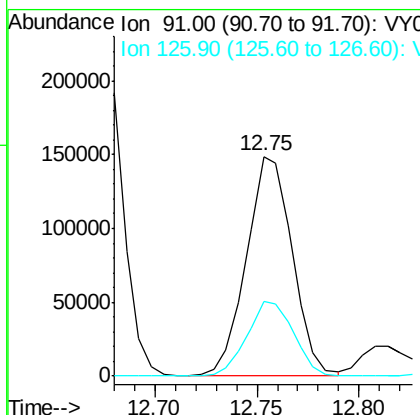
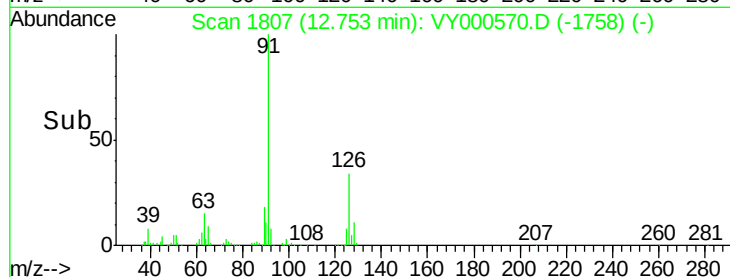
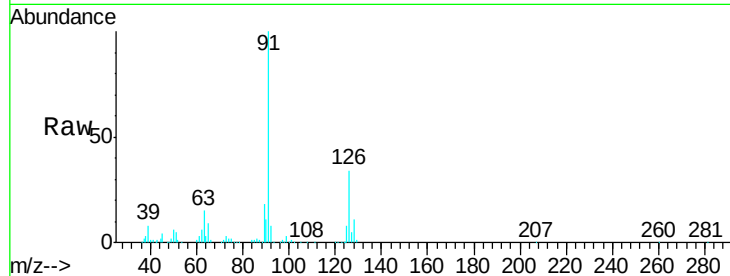
#79
2-Chlorotoluene
Concen: 22.317 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion: 91 Resp: 232688
Ion Ratio Lower Upper
91 100
126 34.6 17.7 53.1

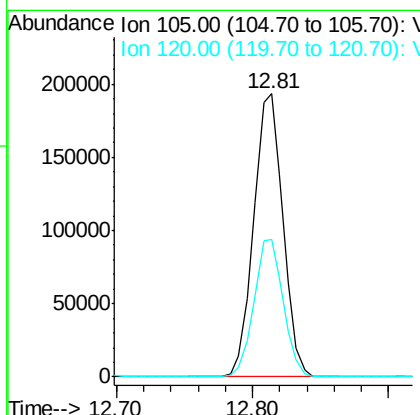
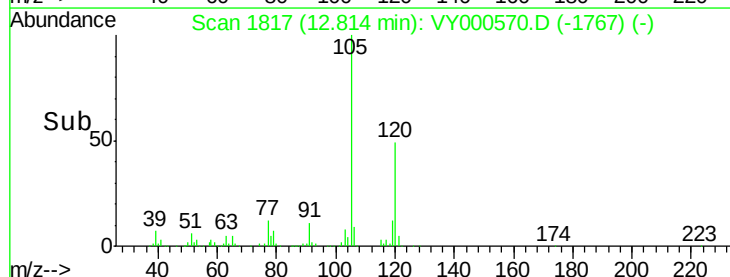
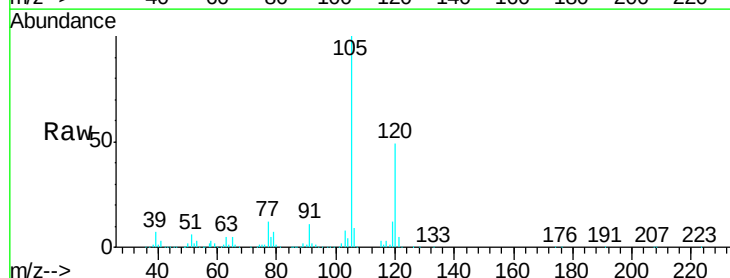
Manual Integrations
APPROVED

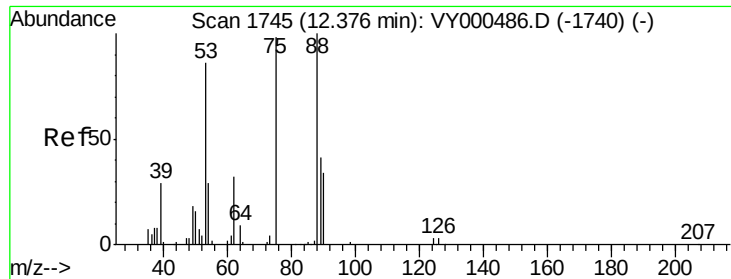
MMDadoda
11/8/2019 4:07:40 PM



#80
1,3,5-Trimethylbenzene
Concen: 22.567 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion: 105 Resp: 292557
Ion Ratio Lower Upper
105 100
120 48.4 24.9 74.8





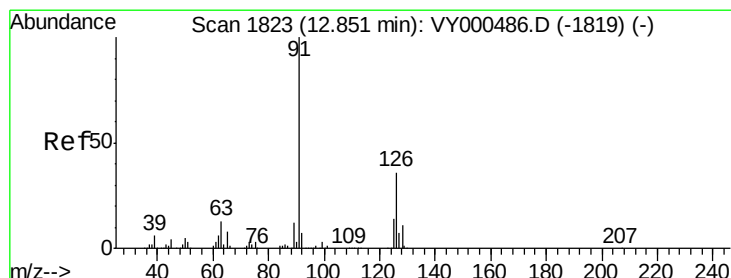
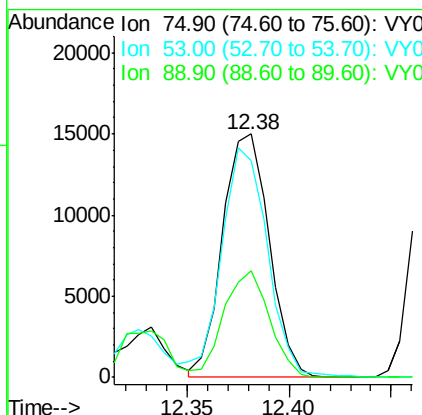
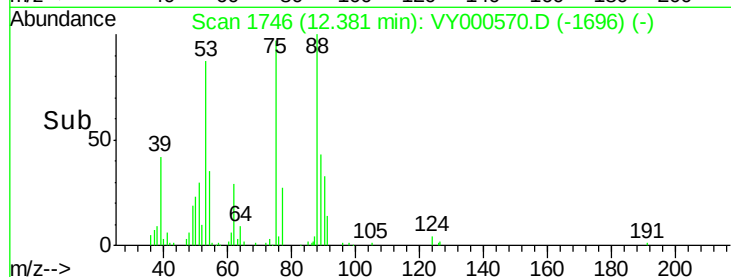
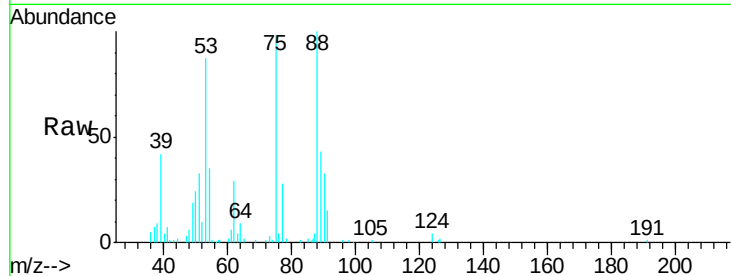
#81
trans-1,4-Dichloro-2-butene
Concen: 22.229 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.6	73.2	109.8
89	42.7	35.9	53.9

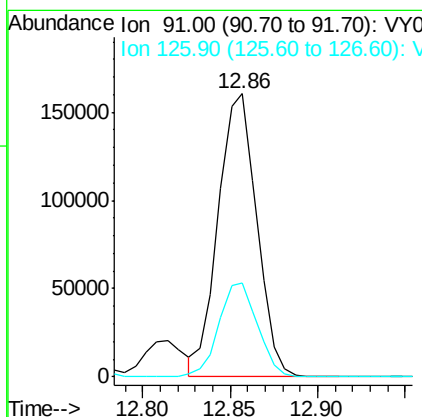
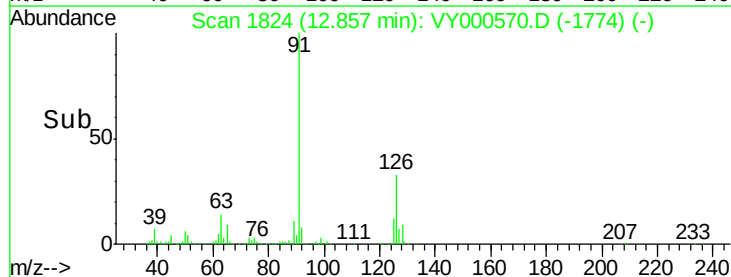
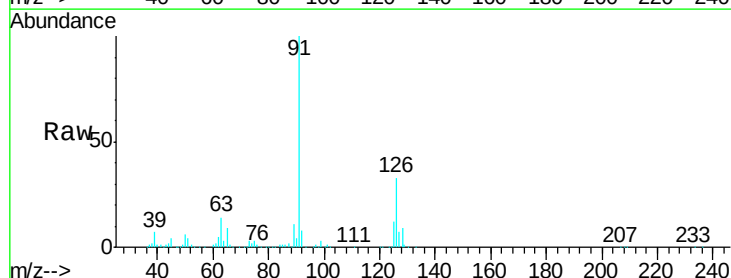
Manual Integrations
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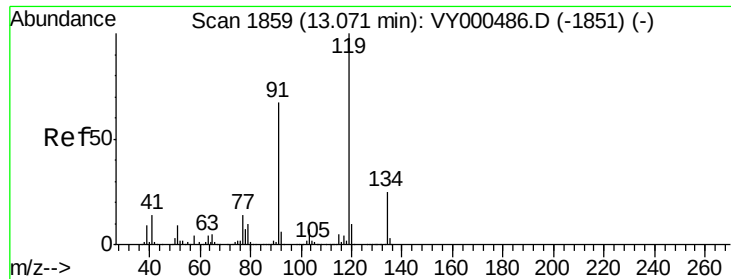
MMDadoda
11/8/2019 4:07:40 PM



#82
4-Chlorotoluene
Concen: 22.763 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	17.6	52.9





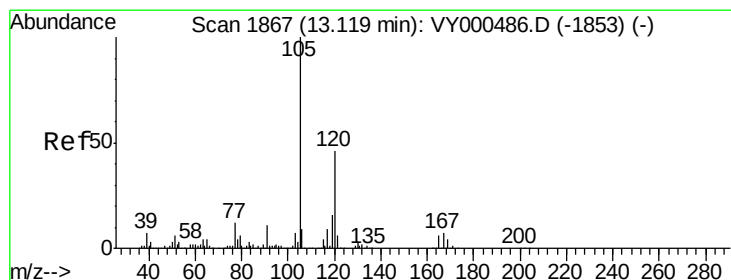
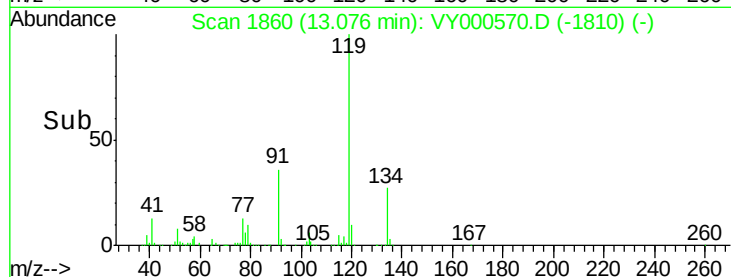
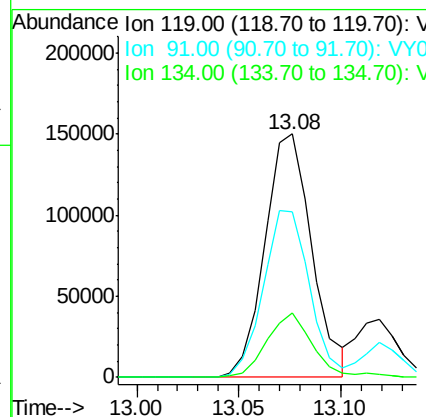
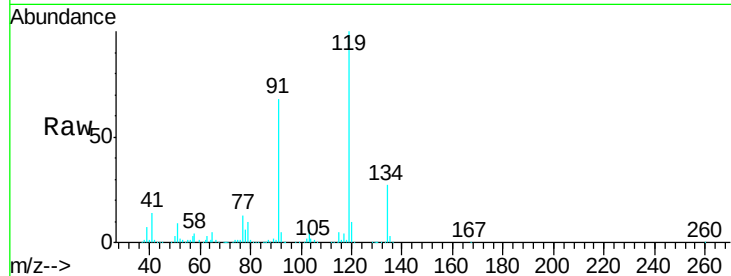
#83
 tert-Butylbenzene
 Concen: 21.776 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	241035		
91	67.2	32.1	96.3	
134	26.3	13.2	39.5	

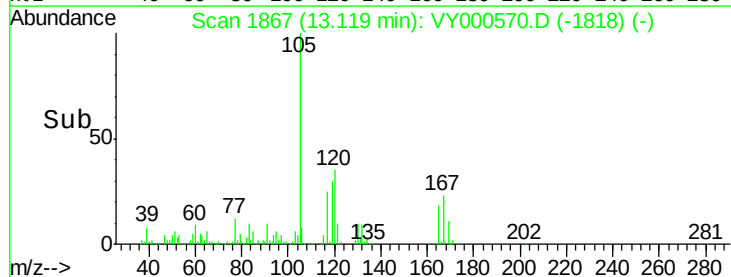
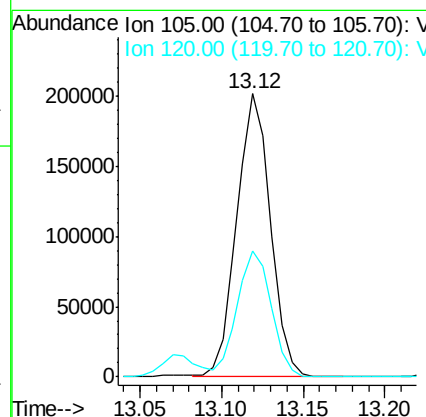
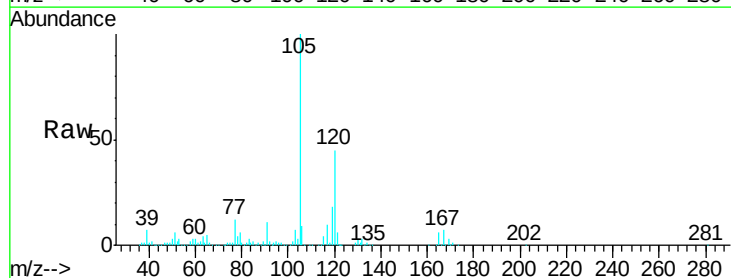
Manual Integrations
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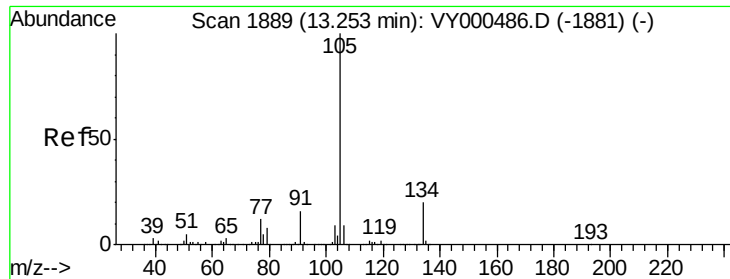
MMDadoda
 11/8/2019 4:07:40 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 22.443 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	289677		
120	45.1	23.3	69.9	





#85

sec-Butylbenzene

Concen: 22.654 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS01

Tgt Ion:105 Resp: 357249

Ion Ratio Lower Upper

105 100

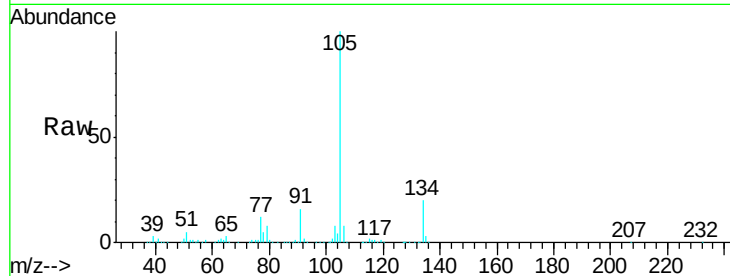
134 19.7 10.1 30.1

Manual Integrations

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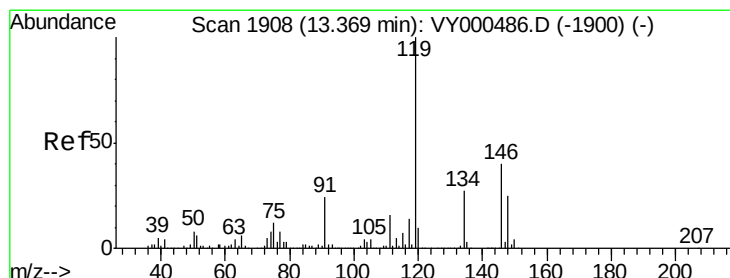
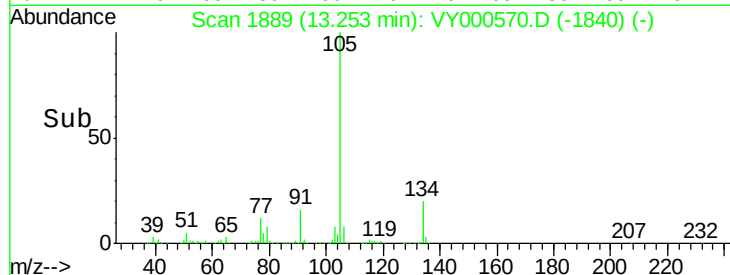
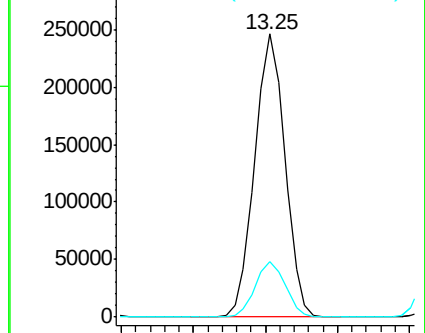
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.194 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

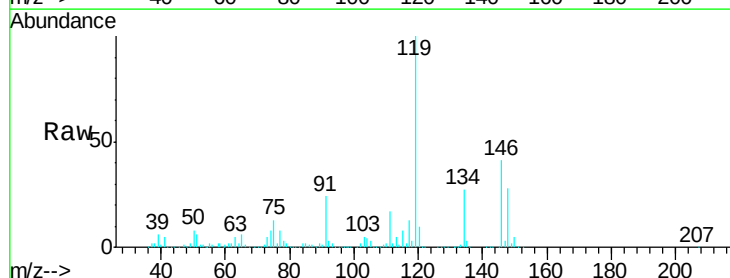
Tgt Ion:119 Resp: 311936

Ion Ratio Lower Upper

119 100

134 26.1 13.6 40.8

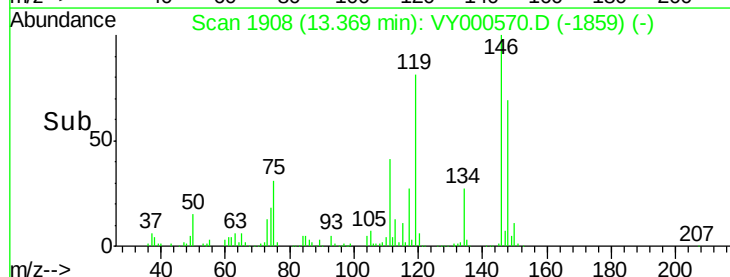
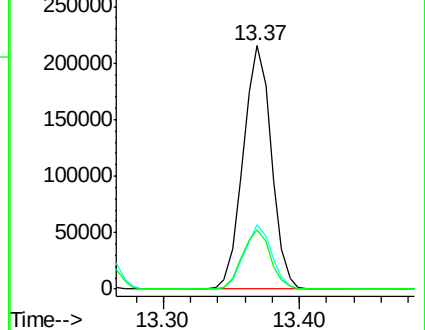
91 24.0 12.0 36.1

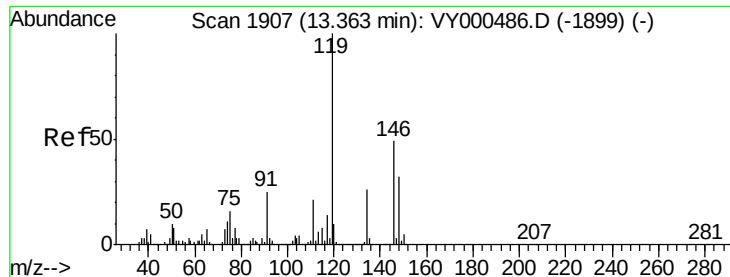


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





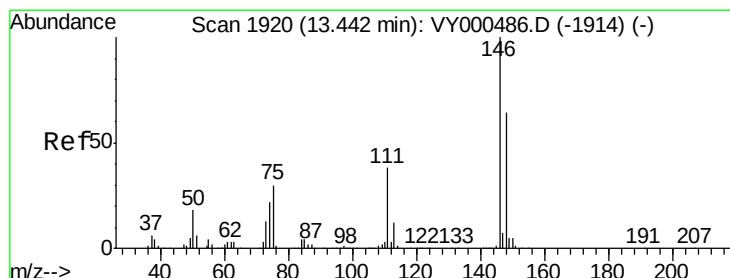
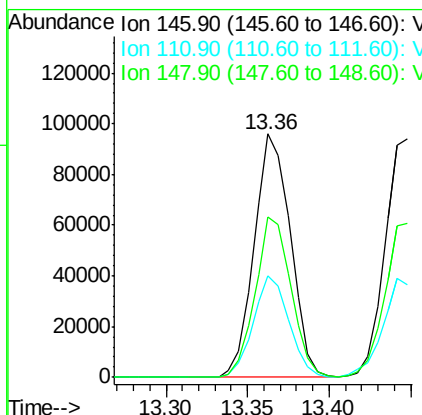
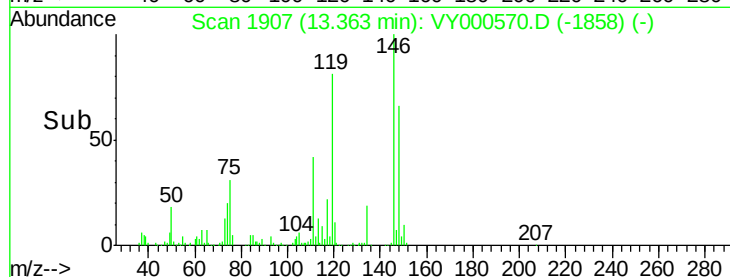
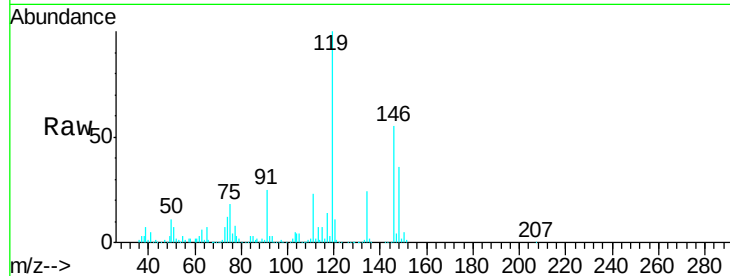
#87
1,3-Dichlorobenzene
Concen: 21.526 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	148825		
111	41.4	20.3	60.8	
148	65.1	31.5	94.5	

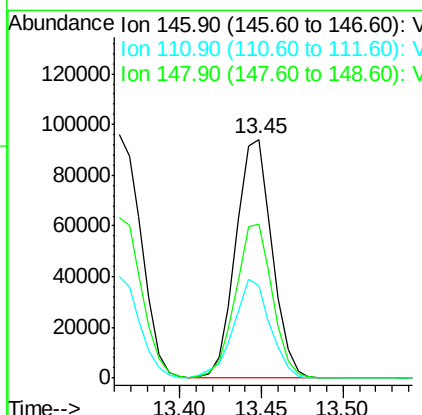
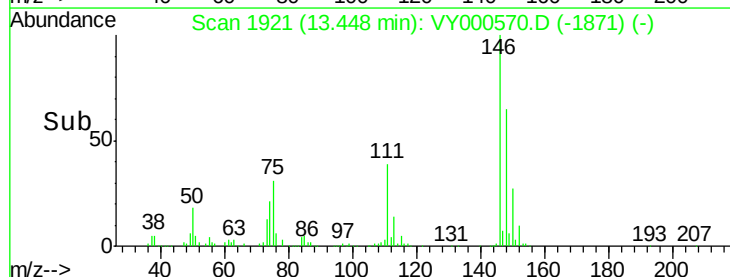
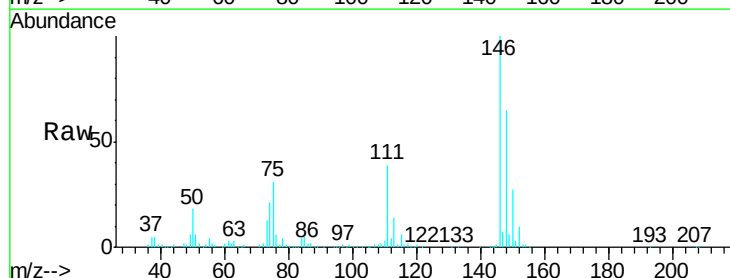
Manual Integrations
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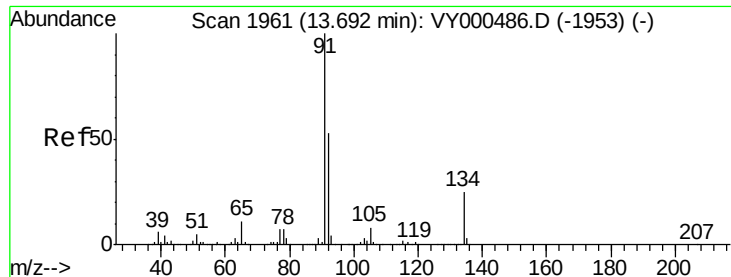
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#88
1,4-Dichlorobenzene
Concen: 21.094 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	145729		
111	41.9	19.7	59.0	
148	65.6	31.9	95.7	





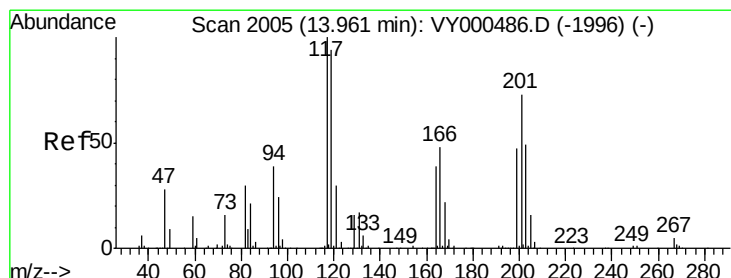
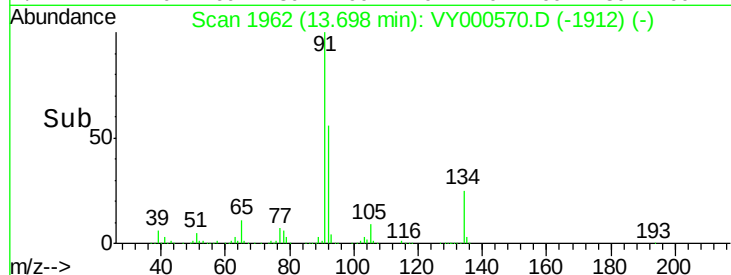
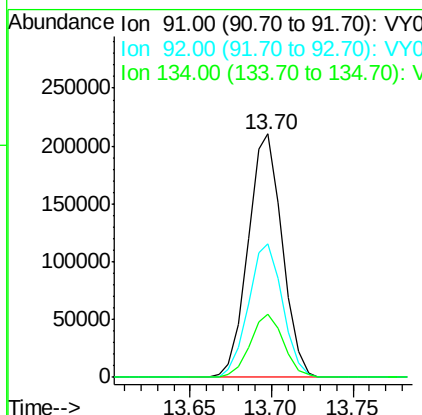
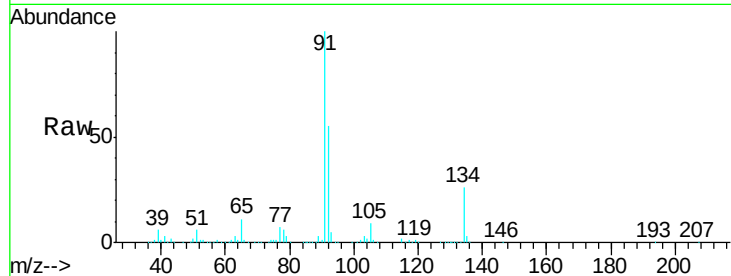
#89
n-Butylbenzene
Concen: 22.072 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	305979		
92	55.0	26.8	80.3	
134	25.4	12.9	38.7	

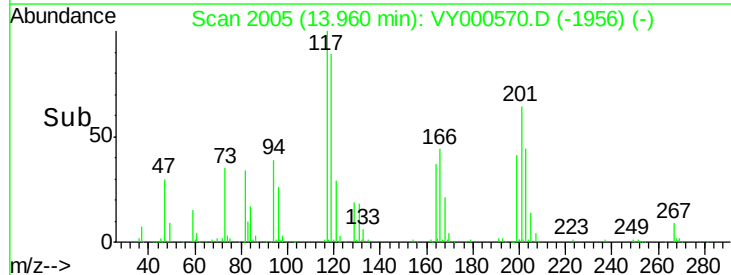
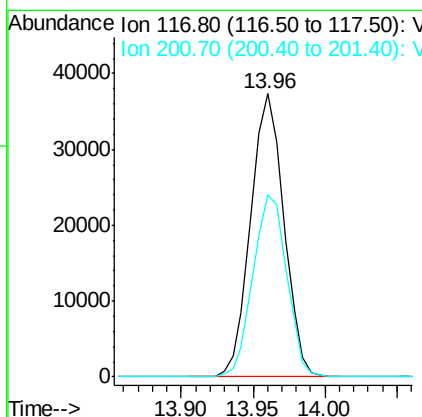
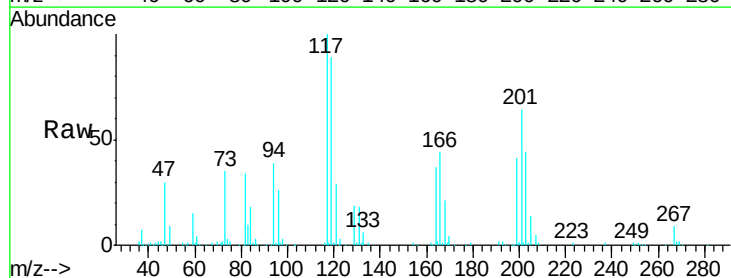
Manual Integrations
APPROVED

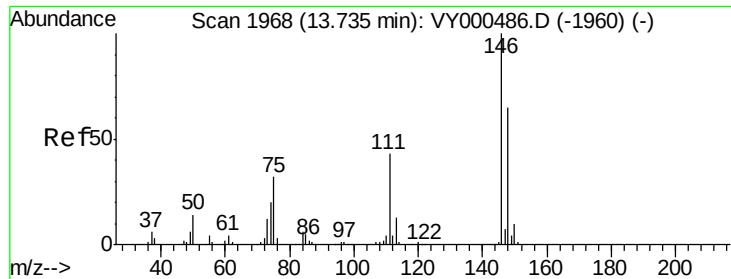
MMDadoda
11/8/2019 4:07:40 PM



#90
Hexachloroethane
Concen: 22.848 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	59367		
201	65.5	35.8	107.3	





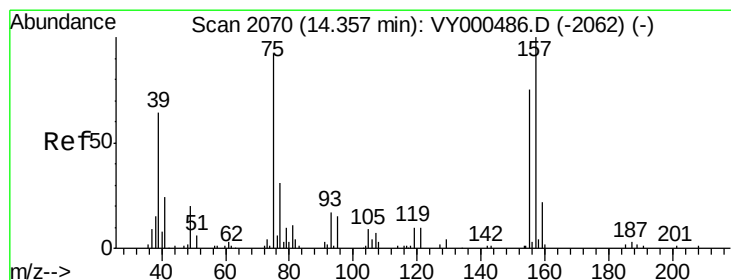
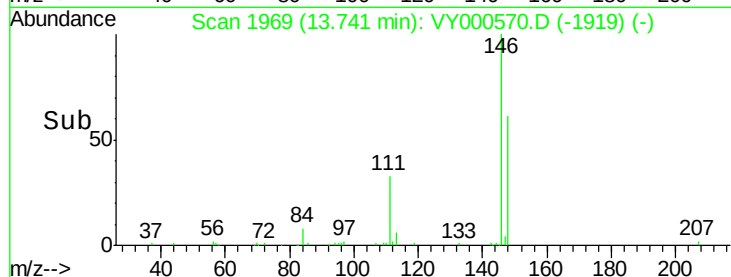
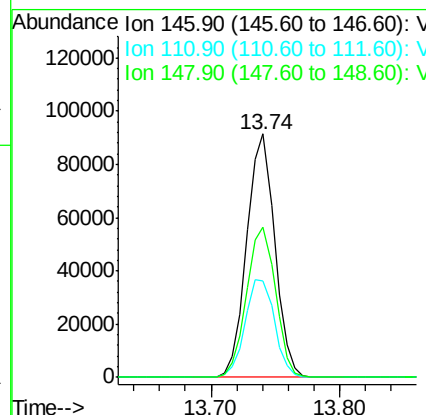
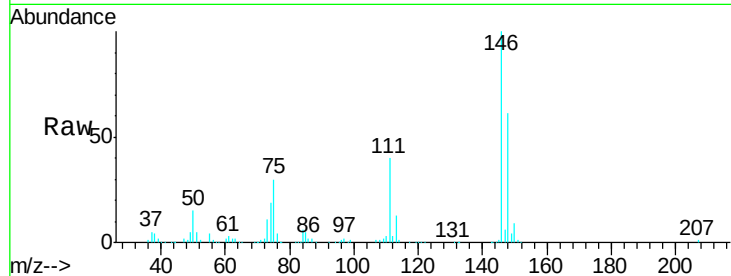
#91
 1,2-Dichlorobenzene
 Concen: 21.865 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.5	61.5
148	63.8	31.7	95.1

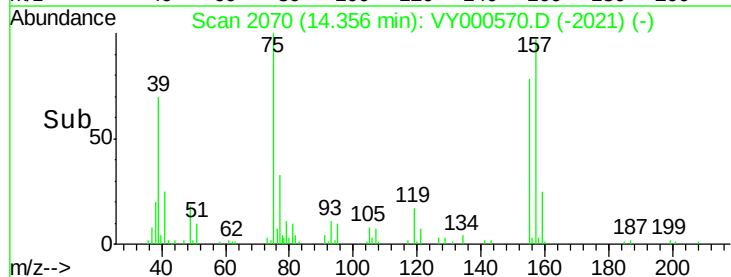
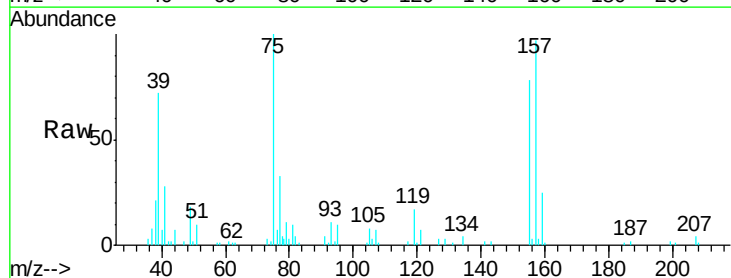
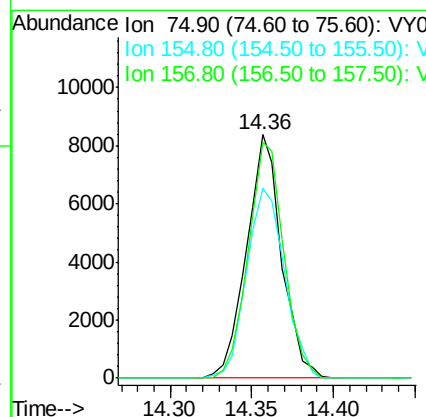
Manual Integrations
 APPROVED

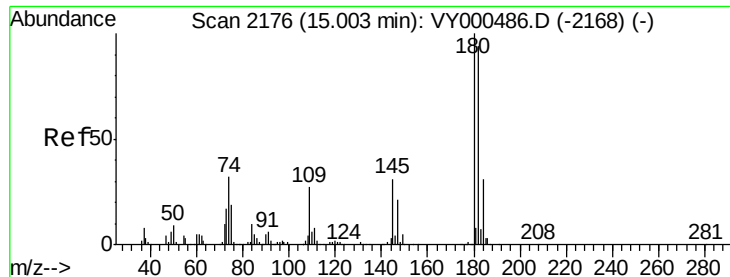
MMDadoda
 11/8/2019 4:07:40 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.985 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000570.D
 Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.8	42.4	127.1
157	98.1	55.1	165.3





#93

1,2,4-Trichlorobenzene

Concen: 21.226 ug/l

RT: 15.01 min Scan# 2177

Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Instrument :

MSVOA_Y

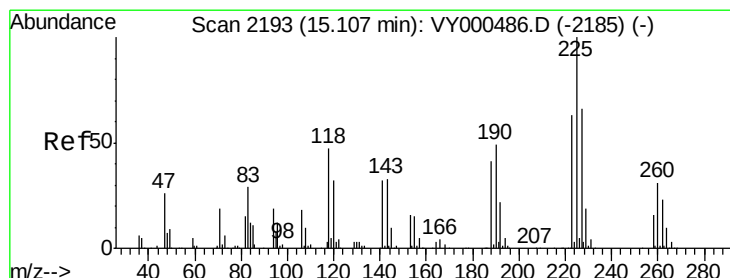
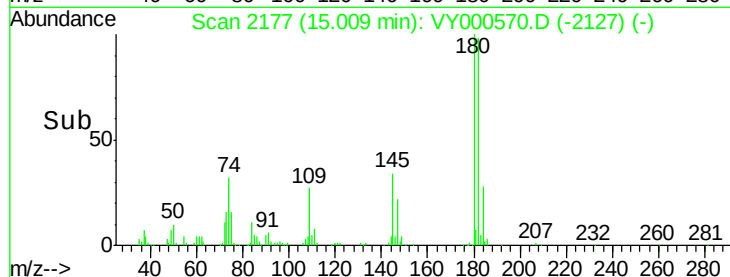
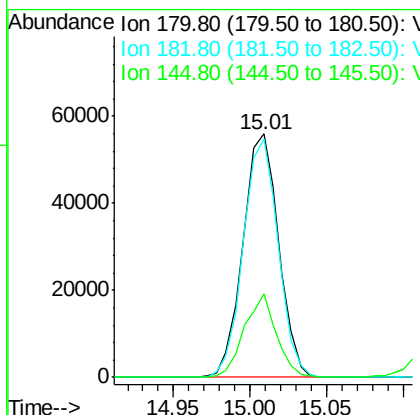
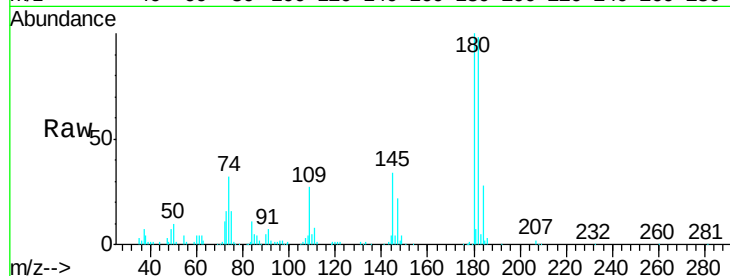
ClientSampleId :

VY1107SBS01

Tgt Ion:	180	Resp:	90660
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.8	143.4
145	30.9	16.0	47.9

Manual Integrations
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11/8/2019 4:07:40 PM



#94

Hexachlorobutadiene

Concen: 21.811 ug/l

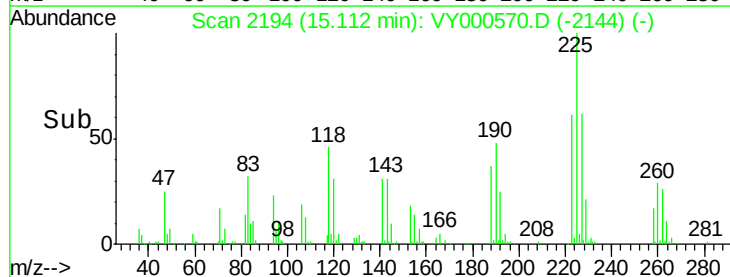
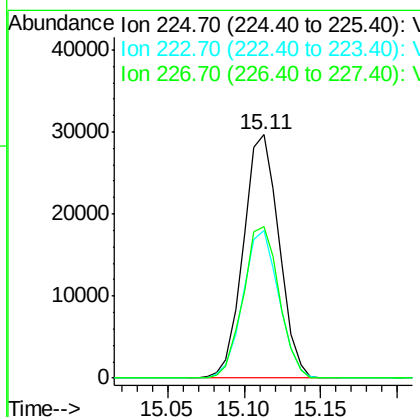
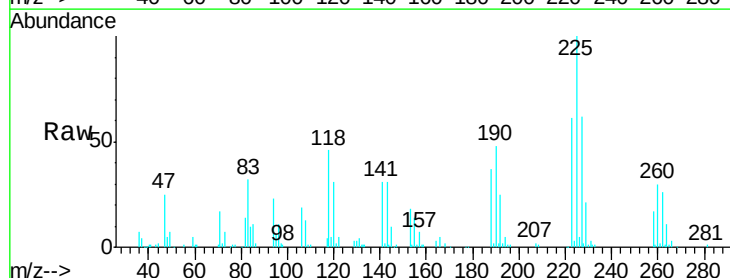
RT: 15.11 min Scan# 2194

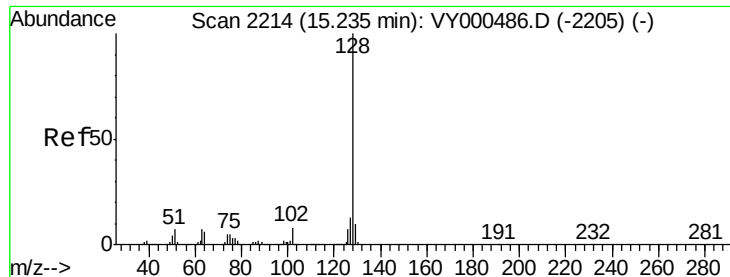
Delta R.T. 0.01 min

Lab File: VY000570.D

Acq: 07 Nov 2019 11:23

Tgt Ion:	225	Resp:	48021
Ion Ratio	Lower	Upper	
225	100		
223	61.2	31.3	93.8
227	62.7	32.4	97.0





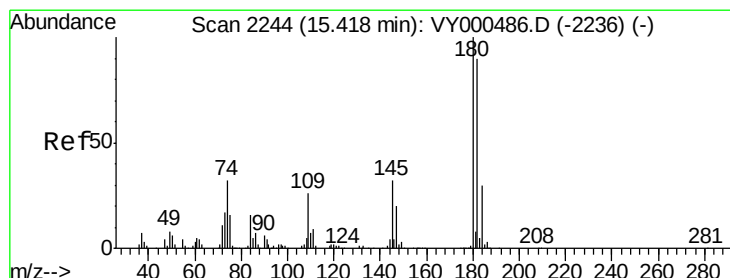
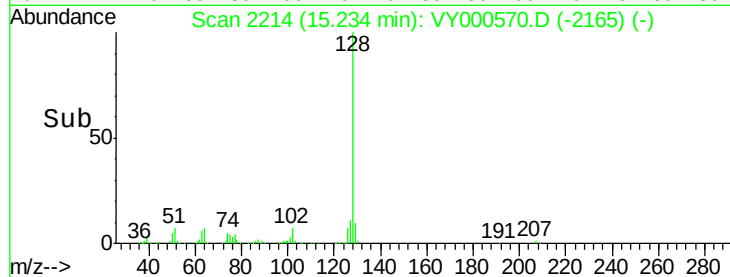
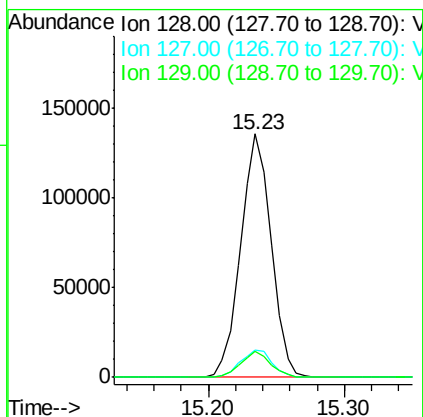
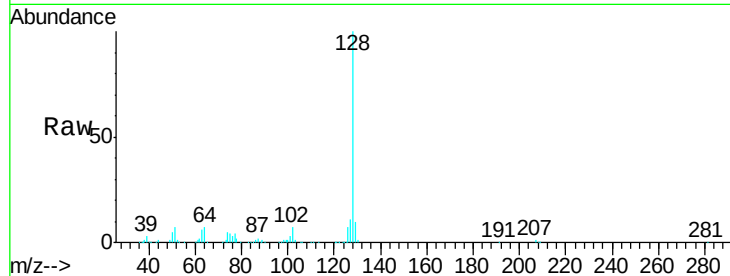
#95
Naphthalene
Concen: 22.464 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Instrument :
MSVOA_Y
ClientSampled :
VY1107SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	213002		
127	11.7	9.8	14.6	
129	10.5	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
11/8/2019 4:07:40 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.255 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000570.D
Acq: 07 Nov 2019 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	81449		
182	95.8	47.4	142.3	
145	33.5	15.7	47.0	

