

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001825.D
 Acq On : 03 Mar 2020 11:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/4/2020 2:01:56 PM

Quant Time: Mar 04 03:44:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	180124	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	322955	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	288203	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	135247	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	100106	51.67	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	103.34%	
35) Dibromofluoromethane	7.72	113	94905	51.31	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	10.18	98	390524	53.89	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.78%	
62) 4-Bromofluorobenzene	12.49	95	139539	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	86159	49.071	ug/l	100
3) Chloromethane	2.12	50	105413	44.636	ug/l	99
4) Vinyl Chloride	2.26	62	111634	46.866	ug/l	100
5) Bromomethane	2.65	94	69756	46.856	ug/l	97
6) Chloroethane	2.80	64	69754	47.522	ug/l	94
7) Trichlorofluoromethane	3.13	101	155666	51.061	ug/l	99
8) Diethyl Ether	3.54	74	60786	50.578	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	99724	52.043	ug/l	99
10) Methyl Iodide	4.10	142	117882	50.266	ug/l	99
11) Tert butyl alcohol	4.96	59	50898	224.143	ug/l	100
12) 1,1-Dichloroethene	3.88	96	96804	49.532	ug/l	98
13) Acrolein	3.74	56	49595	253.453	ug/l	99
14) Allyl chloride	4.49	41	180945	52.022	ug/l	98
15) Acrylonitrile	5.18	53	161388	261.982	ug/l	99
16) Acetone	3.96	43	170371	254.135	ug/l	100
17) Carbon Disulfide	4.20	76	297018	45.521	ug/l	99
18) Methyl Acetate	4.49	43	74308	50.898	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	275394	50.611	ug/l	99
20) Methylene Chloride	4.72	84	115208	48.381	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	109637	49.169	ug/l	100
22) Diisopropyl ether	6.13	45	364980	51.096	ug/l	99
23) Vinyl Acetate	6.07	43	1184561	254.236	ug/l	100
24) 1,1-Dichloroethane	6.03	63	197440	51.716	ug/l	100
25) 2-Butanone	7.00	43	230728	253.351	ug/l	99
26) 2,2-Dichloropropane	6.99	77	168336	50.680	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	122386	49.724	ug/l	98
28) Bromochloromethane	7.35	49	89822	56.480	ug/l	98
29) Tetrahydrofuran	7.35	42	138015	250.732	ug/l	99
30) Chloroform	7.52	83	185521	49.733	ug/l	97
31) Cyclohexane	7.79	56	194595	47.806	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	158129	50.436	ug/l	100
36) 1,1-Dichloropropene	7.92	75	152452	49.420	ug/l	99
37) Ethyl Acetate	7.08	43	91399	49.641	ug/l	100
38) Carbon Tetrachloride	7.91	117	135837	50.132	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	200557	49.005	ug/l	99
40) Benzene	8.17	78	455894	50.249	ug/l	99
41) Methacrylonitrile	7.33	41	47190m	51.045	ug/l	
42) 1,2-Dichloroethane	8.24	62	120861	48.898	ug/l	99
43) Isopropyl Acetate	8.28	43	173431	49.645	ug/l	98
44) Trichloroethene	8.94	130	111992	49.448	ug/l	96
45) 1,2-Dichloropropane	9.22	63	119039	52.390	ug/l	98
46) Dibromomethane	9.31	93	60353	50.784	ug/l	98
47) Bromodichloromethane	9.50	83	144734	50.461	ug/l	98
48) Methyl methacrylate	9.30	41	79216	50.139	ug/l	99
49) 1,4-Dioxane	9.30	88	16421	978.294	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	456616	254.399	ug/l	99
52) Toluene	10.25	92	283424	50.081	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	161637	50.976	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	187700	51.432	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	90076	51.402	ug/l	98
56) Ethyl methacrylate	10.51	69	134585	51.195	ug/l	100
57) 1,3-Dichloropropane	10.79	76	159203	51.130	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	243674	246.175	ug/l	99
59) 2-Hexanone	10.83	43	339608	252.173	ug/l	100
60) Dibromochloromethane	10.99	129	96389	49.890	ug/l	99
61) 1,2-Dibromoethane	11.09	107	84031	50.715	ug/l	97
64) Tetrachloroethene	10.72	164	88505	48.919	ug/l	99
65) Chlorobenzene	11.52	112	289207	50.262	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	99283	51.151	ug/l	100
67) Ethyl Benzene	11.60	91	546981	51.225	ug/l	100
68) m/p-Xylenes	11.70	106	405132	101.570	ug/l	99
69) o-Xylene	12.03	106	193653	51.068	ug/l	96
70) Styrene	12.05	104	336547	51.067	ug/l	100
71) Bromoform	12.21	173	54775	49.381	ug/l #	99
73) Isopropylbenzene	12.33	105	522268	50.689	ug/l	100
74) N-amyl acetate	12.14	43	161717	49.180	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	114294	51.952	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	85617m	55.185	ug/l	
77) Bromobenzene	12.61	156	110959	49.678	ug/l	99
78) n-propylbenzene	12.67	91	645560	51.445	ug/l	100
79) 2-Chlorotoluene	12.76	91	356170	50.606	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	434722	50.970	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	41497	50.744	ug/l	99
82) 4-Chlorotoluene	12.86	91	376861	50.769	ug/l	100
83) tert-Butylbenzene	13.08	119	362990	50.887	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	427025	50.220	ug/l	99
85) sec-Butylbenzene	13.25	105	541822	51.645	ug/l	100
86) p-Isopropyltoluene	13.37	119	459275	50.392	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	216381	49.952	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	217016	49.561	ug/l	99
89) n-Butylbenzene	13.70	91	475733	51.083	ug/l	100
90) Hexachloroethane	13.96	117	87203	50.783	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	198153	49.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18137	49.954	ug/l	98

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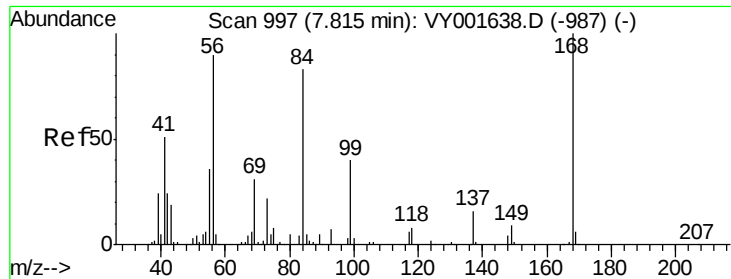
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	128770	48.608	ug/l	99
94) Hexachlorobutadiene	15.11	225	62245	47.245	ug/l	98
95) Naphthalene	15.23	128	304046	49.777	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	114118	48.964	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001825.D

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Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 180124

Ion Ratio Lower Upper

168 100

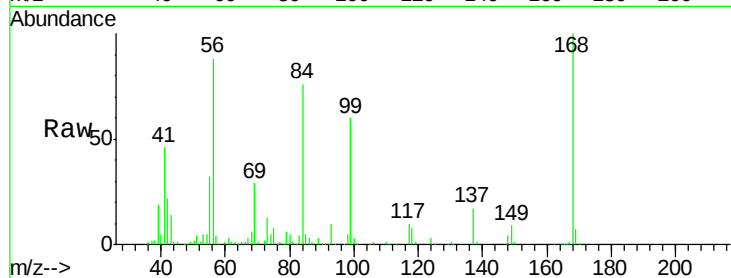
99 59.6 47.5 71.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.80

80000

60000

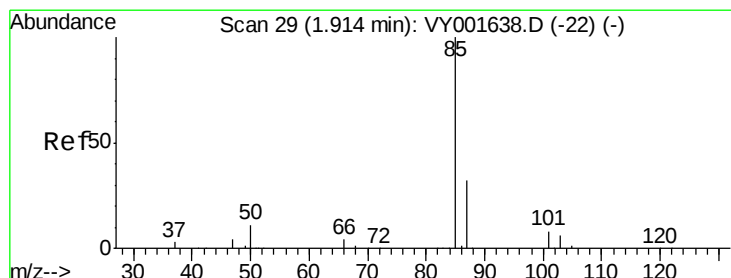
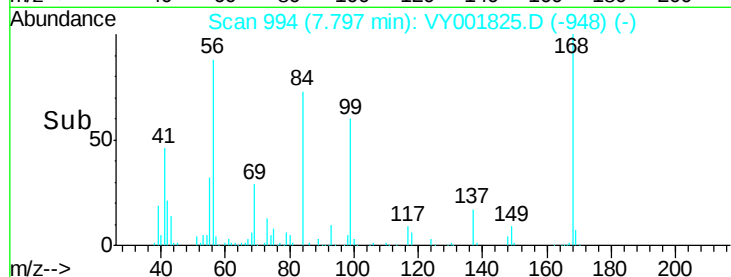
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 49.071 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001825.D

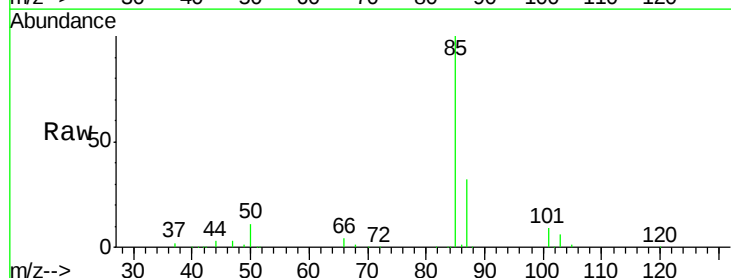
Acq: 03 Mar 2020 11:16

Tgt Ion: 85 Resp: 86159

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001638.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001638.D (-22) (-)

1.91

60000

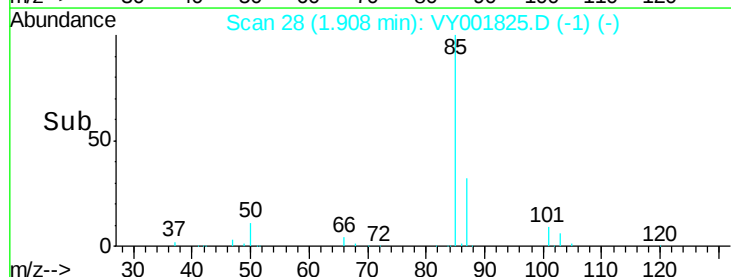
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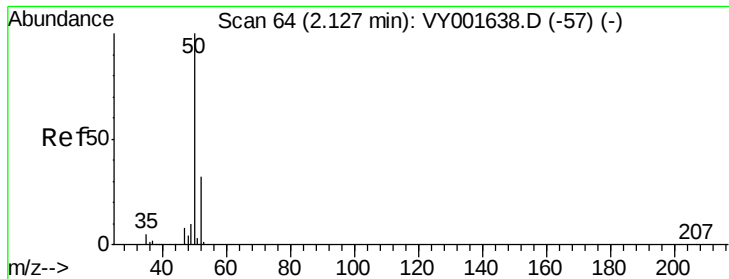
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 44.636 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 105413

Ion Ratio Lower Upper

50 100

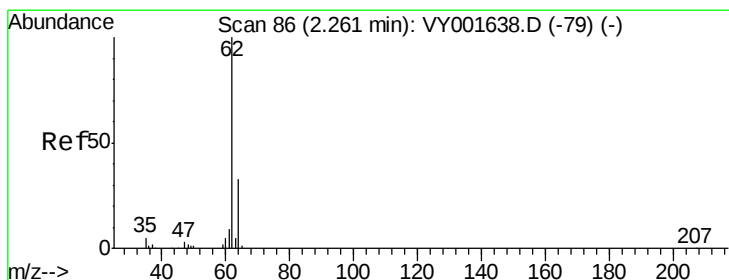
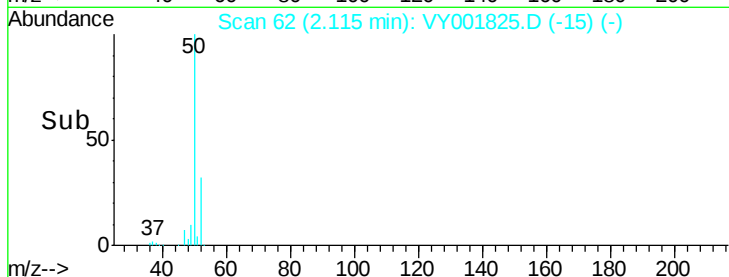
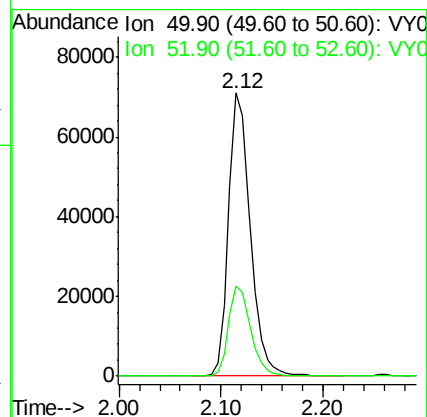
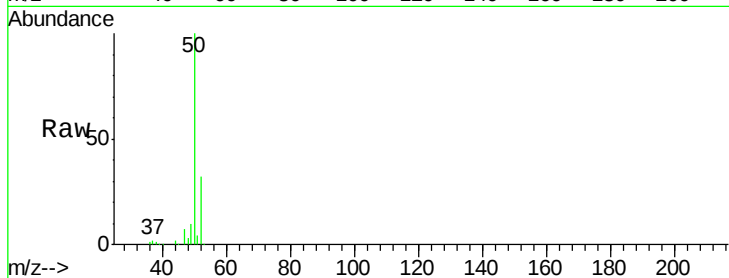
52 31.7 25.8 38.6

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 46.866 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001825.D

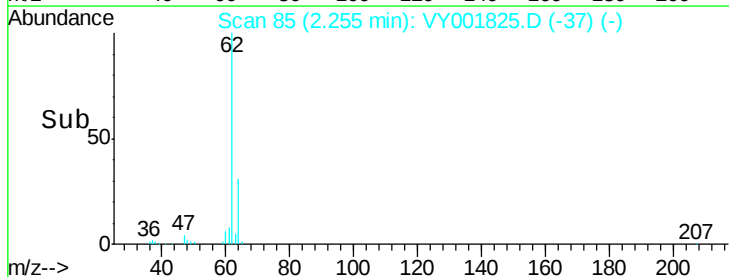
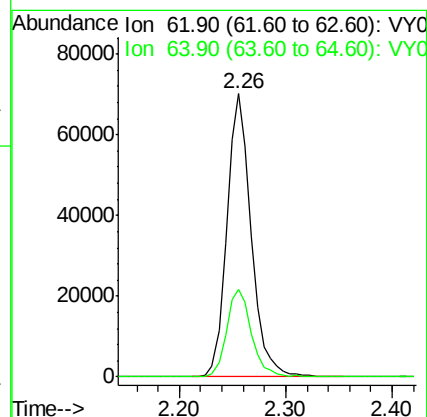
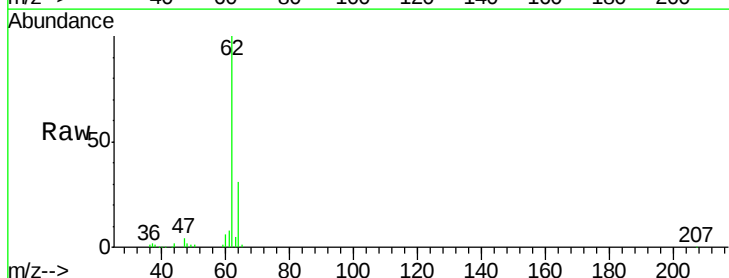
Acq: 03 Mar 2020 11:16

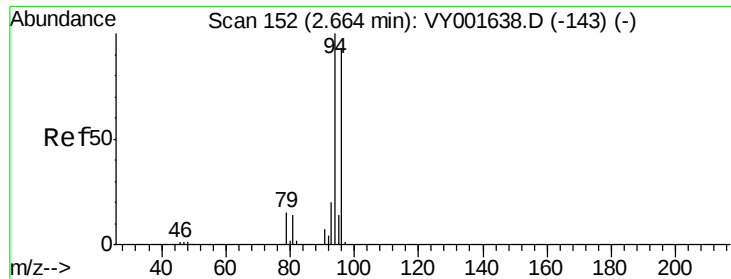
Tgt Ion: 62 Resp: 111634

Ion Ratio Lower Upper

62 100

64 31.2 24.9 37.3





#5

Bromomethane

Concen: 46.856 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 69756

Ion Ratio Lower Upper

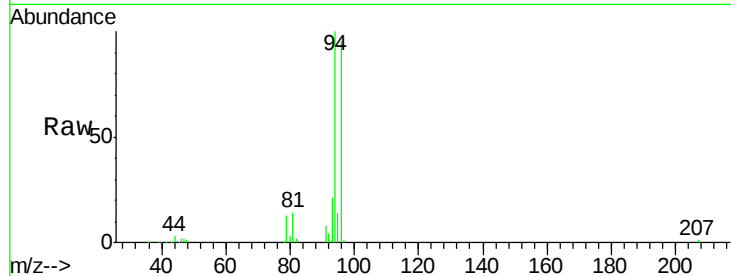
94 100

96 94.9 73.7 110.5

Manual Integrations
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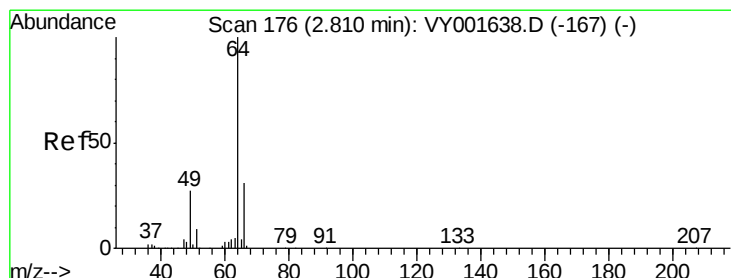
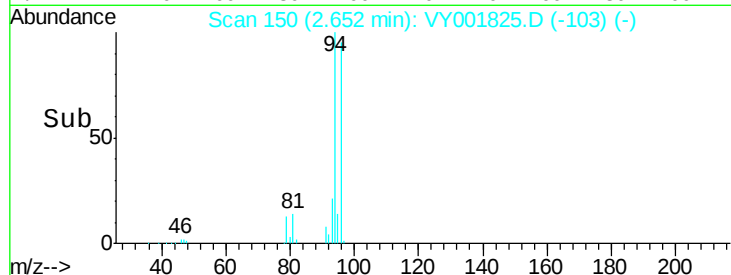
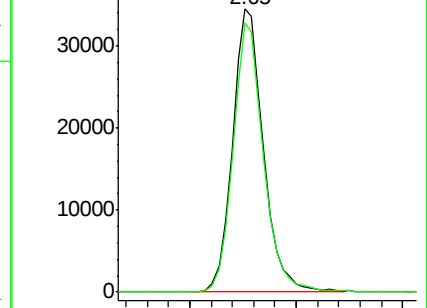
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.522 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY001825.D

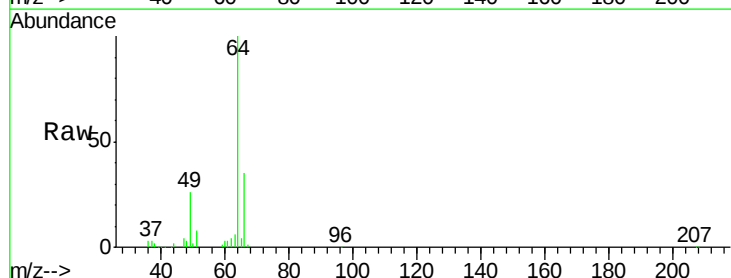
Acq: 03 Mar 2020 11:16

Tgt Ion: 64 Resp: 69754

Ion Ratio Lower Upper

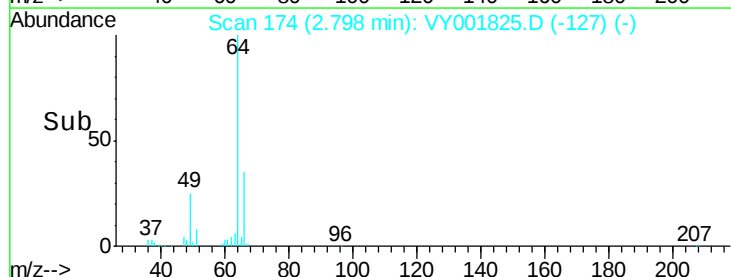
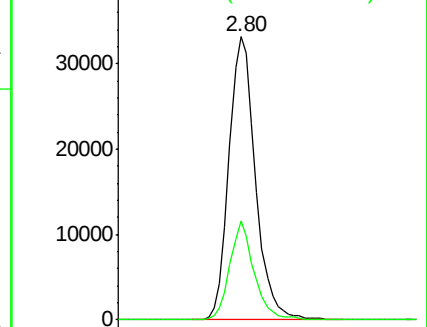
64 100

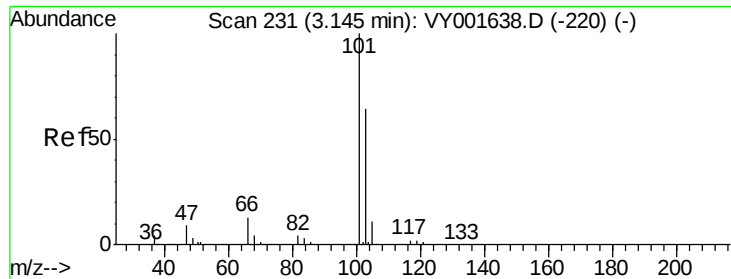
66 35.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

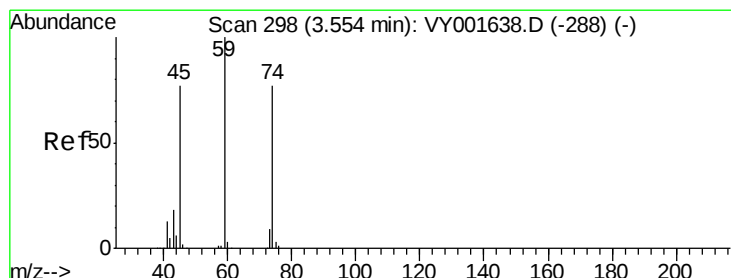
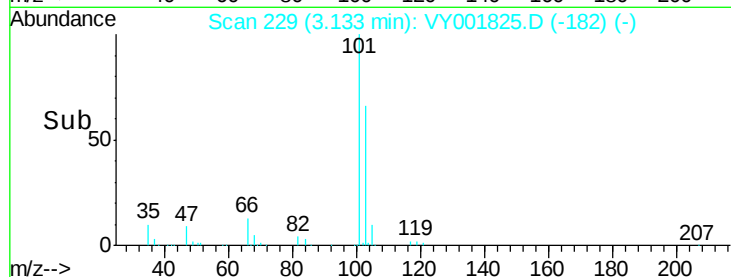
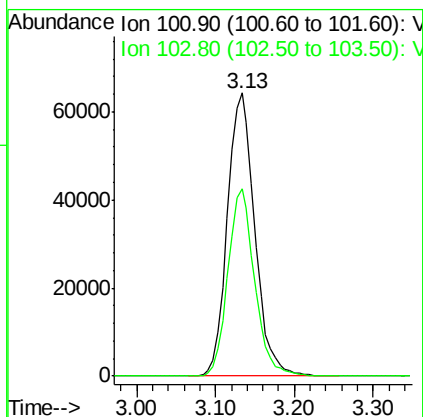
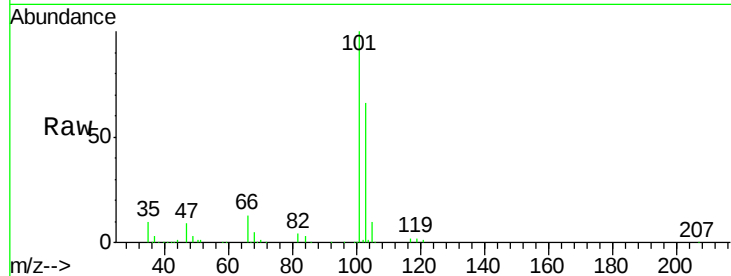
Trichlorofluoromethane
Concen: 51.061 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	155666		
103	66.3	52.2	78.2	

Manual Integrations
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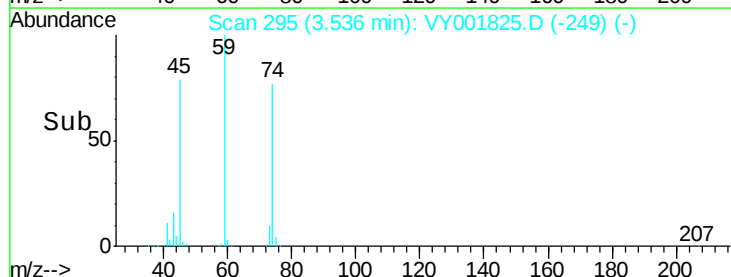
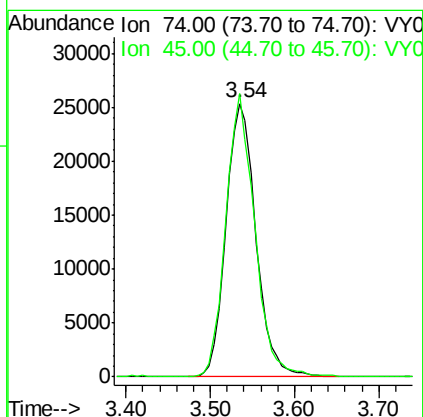
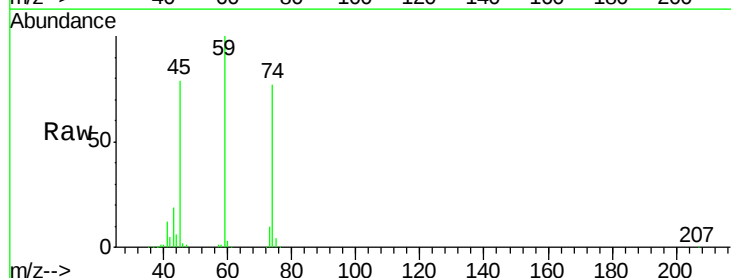
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3/4/2020 2:01:56 PM

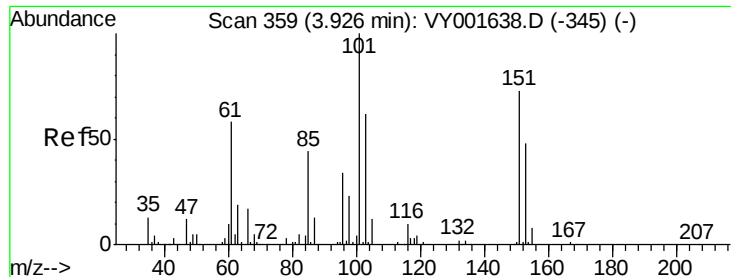


#8

Diethyl Ether
Concen: 50.578 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	60786		
45	100.1	49.6	148.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.043 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

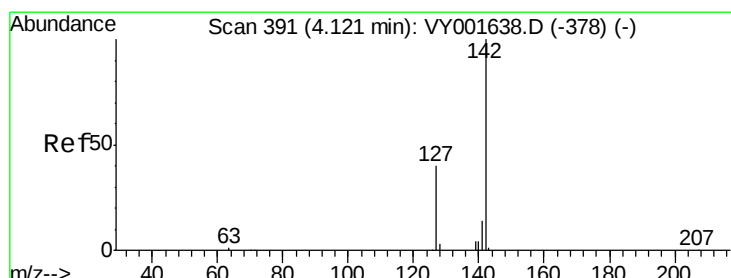
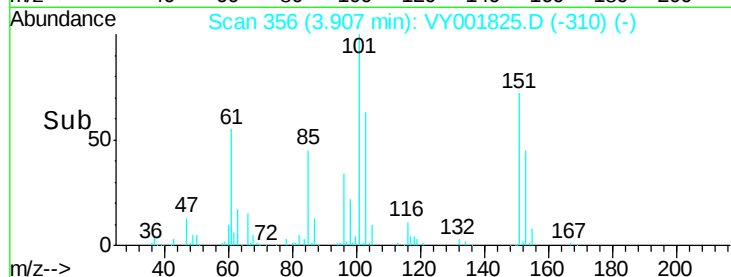
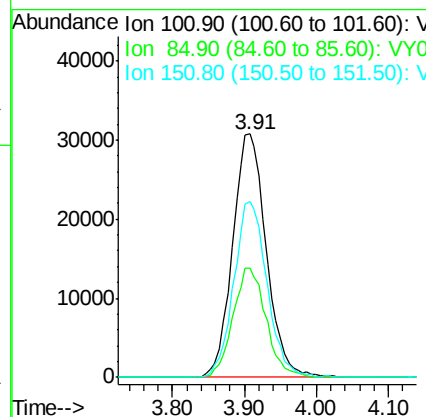
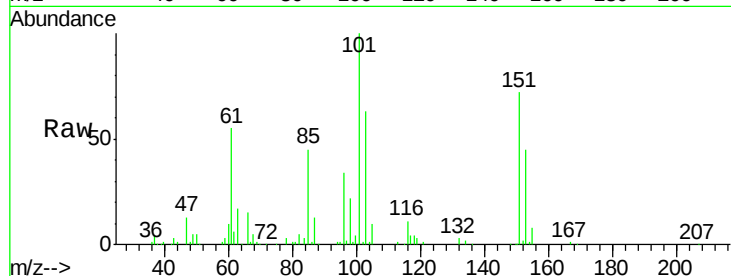
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	99724
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.1	52.7
151	71.4	58.4	87.6

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#10

Methyl Iodide

Concen: 50.266 ug/l

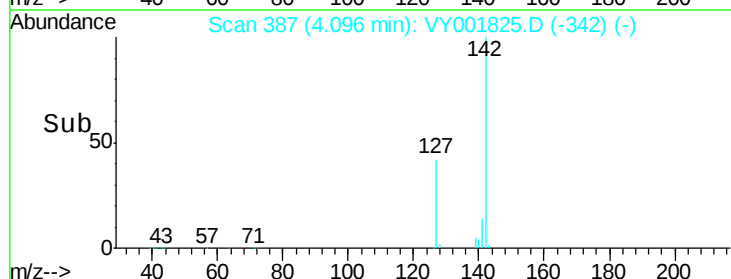
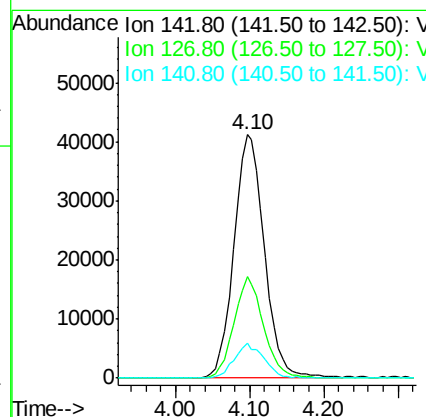
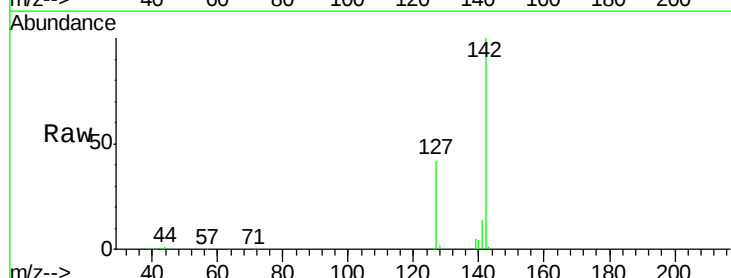
RT: 4.10 min Scan# 387

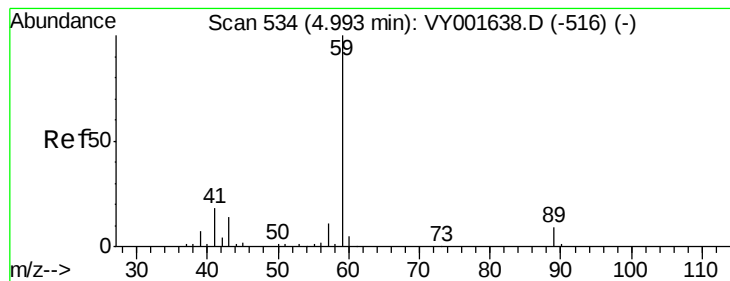
Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Tgt Ion:	142	Resp:	117882
Ion Ratio	Lower	Upper	
142	100		
127	40.4	32.1	48.1
141	13.9	11.3	16.9





#11

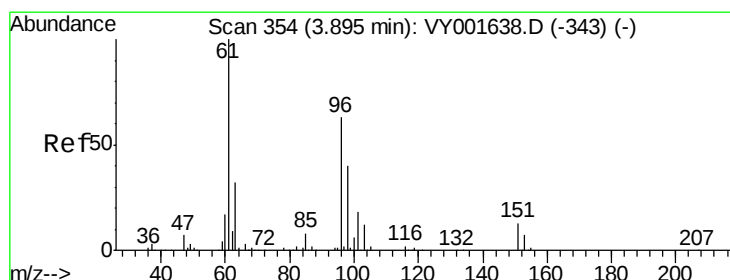
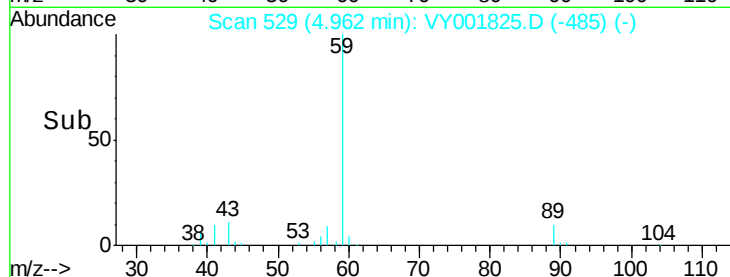
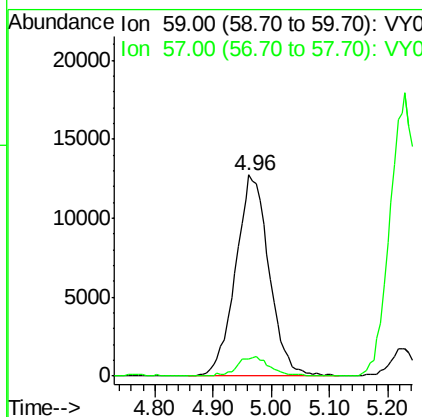
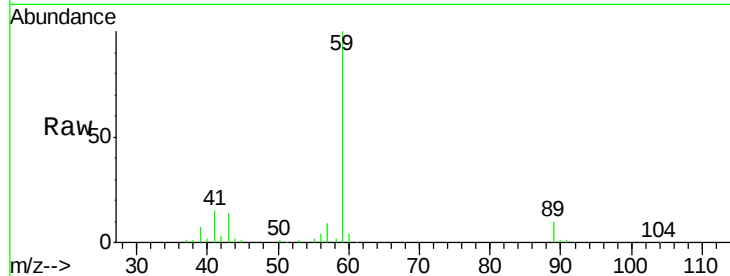
Tert butyl alcohol
 Concen: 224.143 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	50898
Ion Ratio	100	Lower	Upper
57	9.2	7.4	11.2

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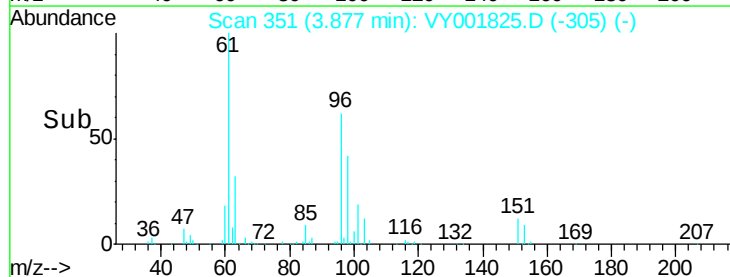
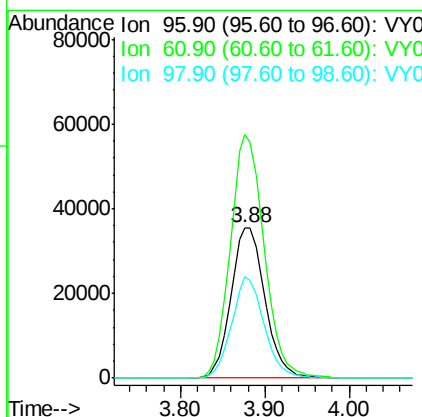
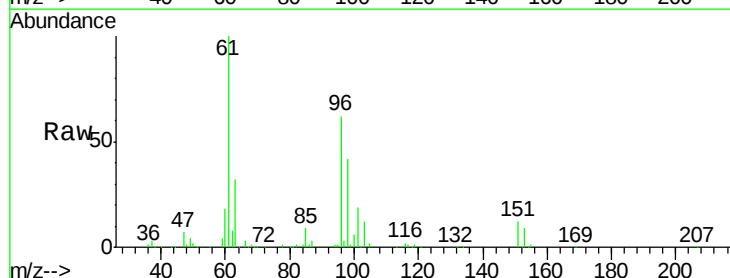
MMDadoda
 3/4/2020 2:01:56 PM

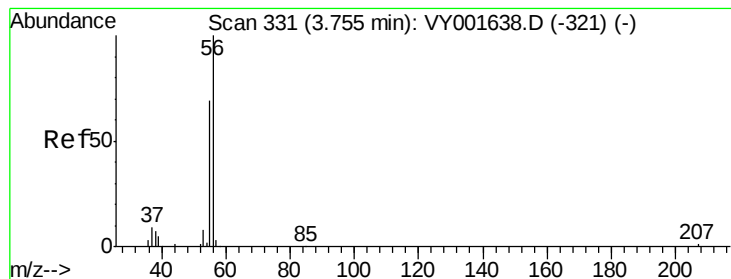


#12

1,1-Dichloroethene
 Concen: 49.532 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Tgt Ion	96	Resp	96804
Ion Ratio	100	Lower	Upper
61	161.9	128.7	193.1
98	67.8	50.7	76.1





#13

Acrolein

Concen: 253.453 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 49595

Ion Ratio Lower Upper

56 100

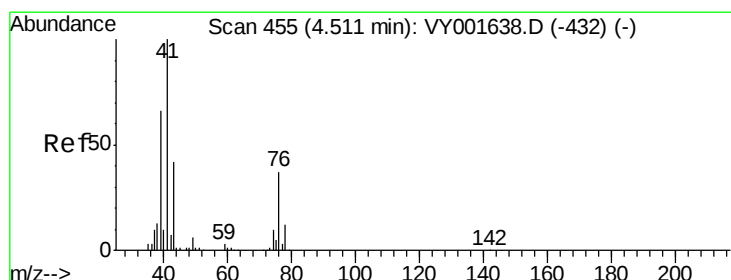
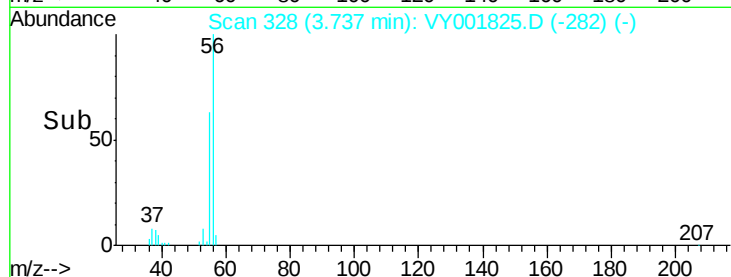
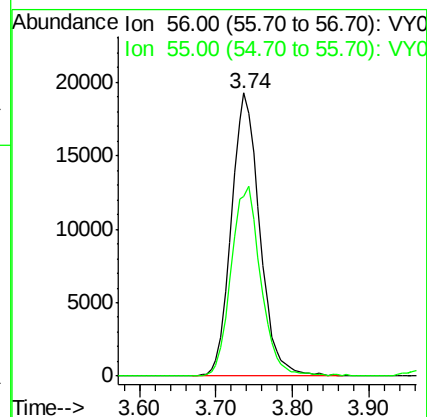
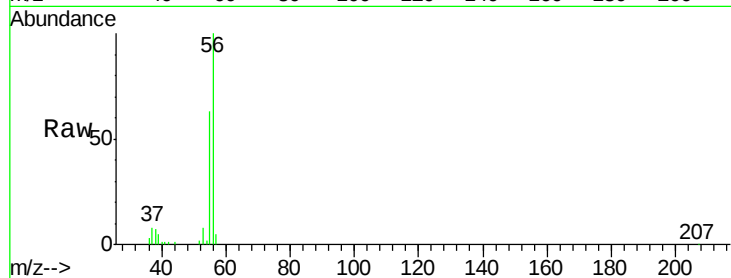
55 69.5 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 52.022 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

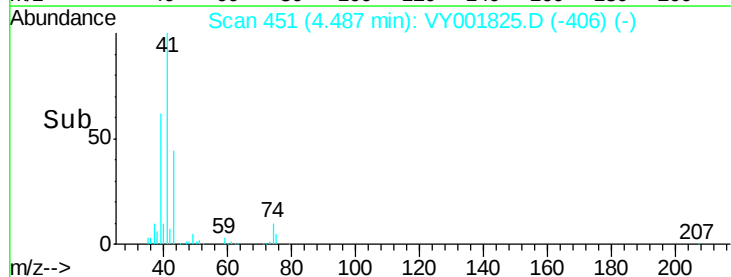
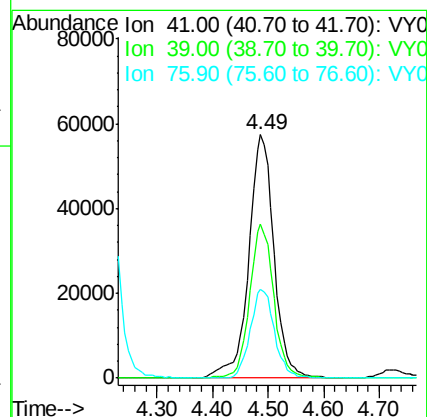
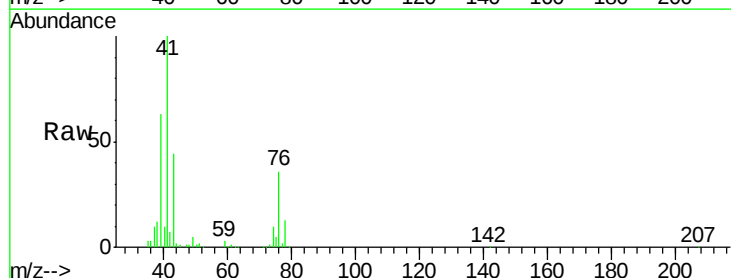
Tgt Ion: 41 Resp: 180945

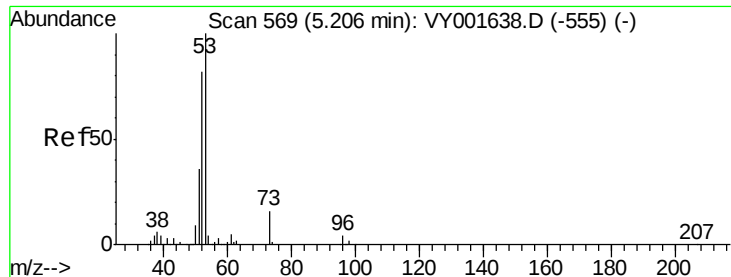
Ion Ratio Lower Upper

41 100

39 60.3 49.4 74.0

76 34.9 29.0 43.6





#15

Acrylonitrile

Concen: 261.982 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.03 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

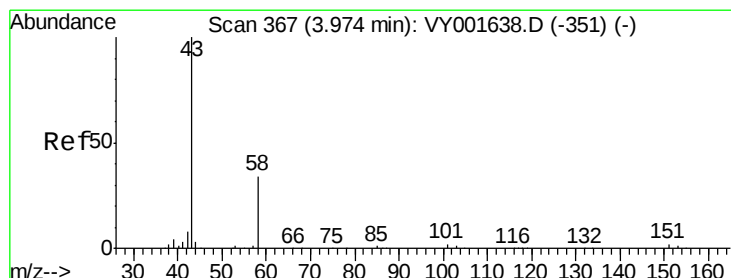
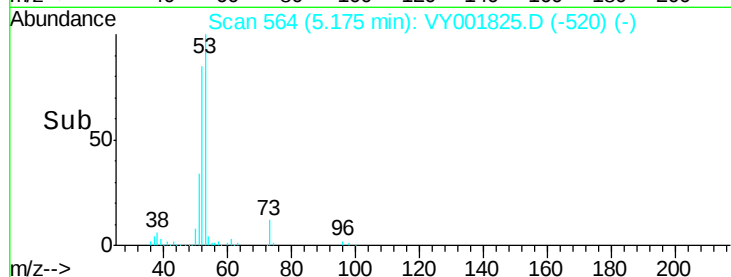
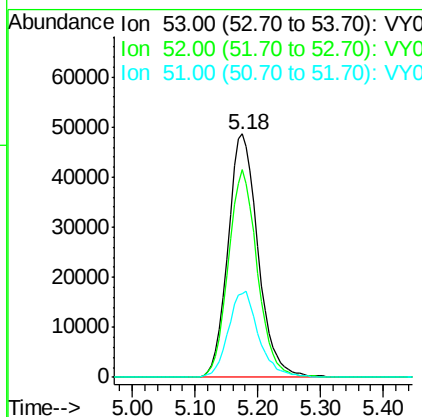
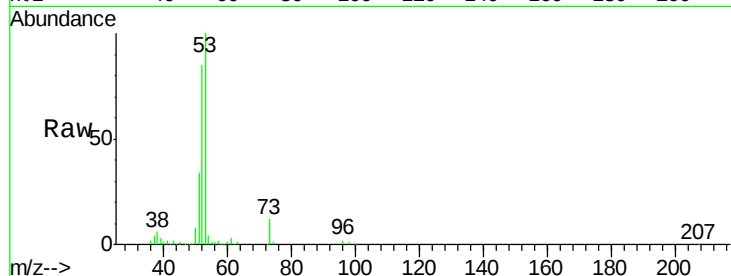
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	161388
Ion Ratio	Lower	Upper	
53	100		
52	82.2	65.4	98.0
51	35.8	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 254.135 ug/l

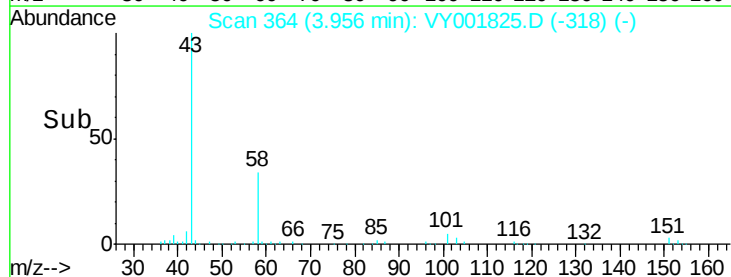
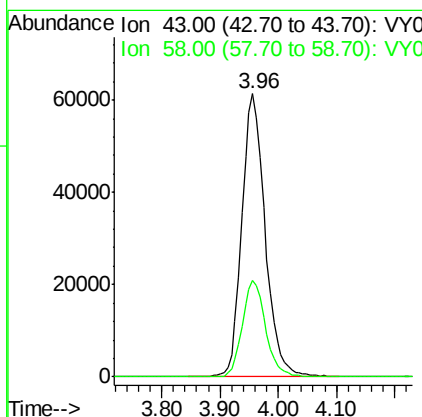
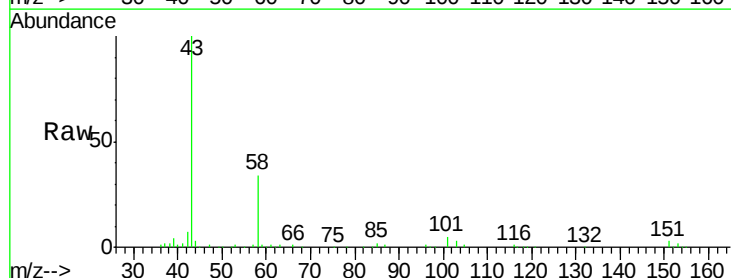
RT: 3.96 min Scan# 364

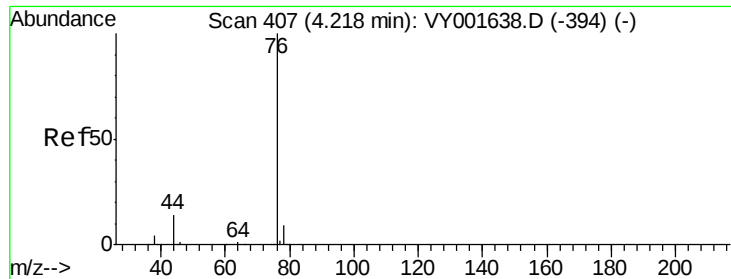
Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Tgt Ion:	43	Resp:	170371
Ion Ratio	Lower	Upper	
43	100		
58	33.9	27.3	40.9





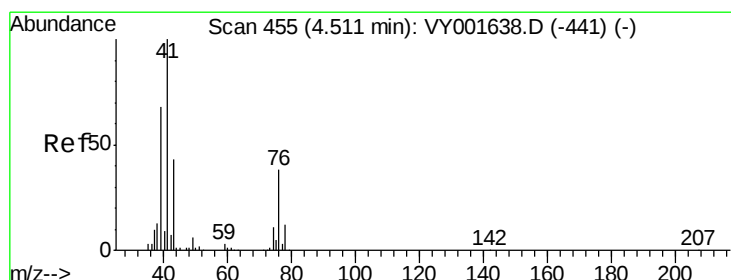
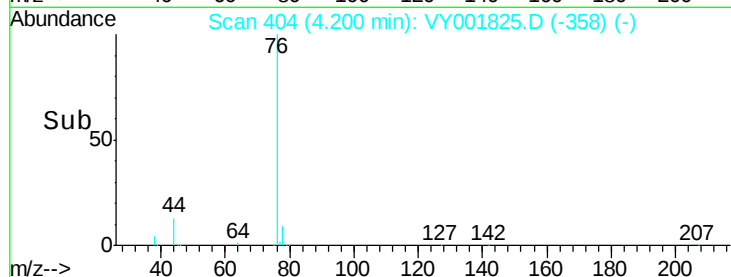
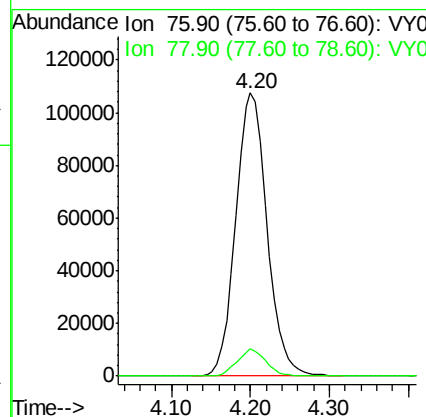
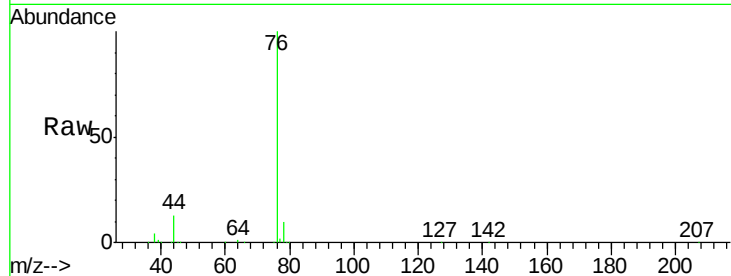
#17
Carbon Disulfide
Concen: 45.521 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9

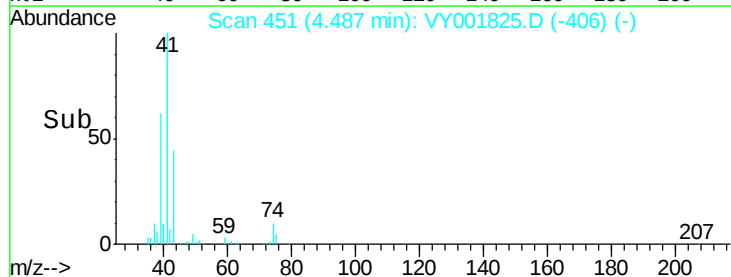
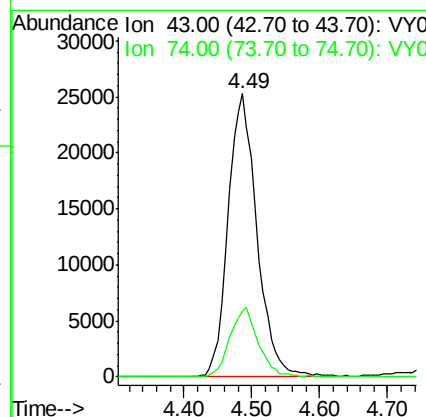
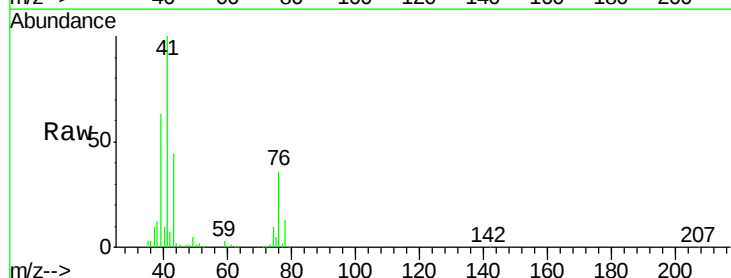
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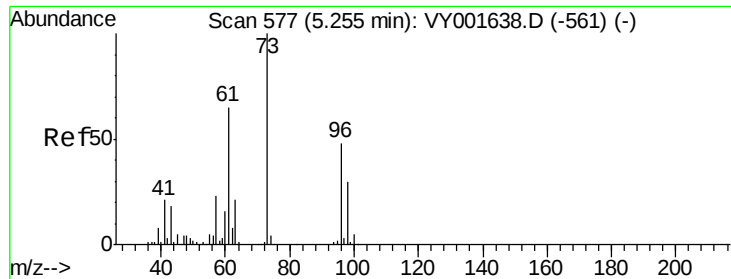
MMDadoda
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#18
Methyl Acetate
Concen: 50.898 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.1	28.7





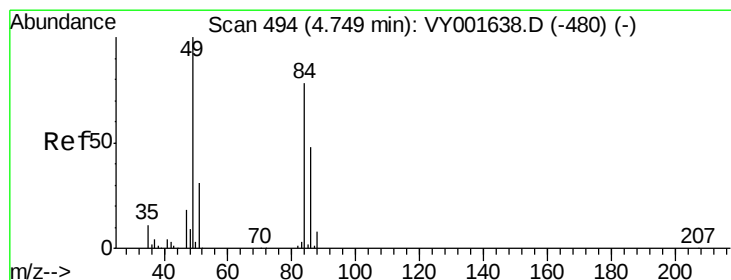
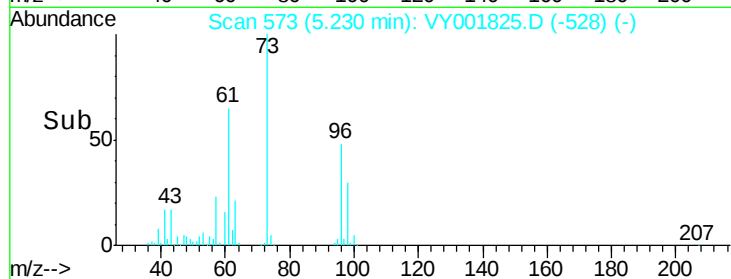
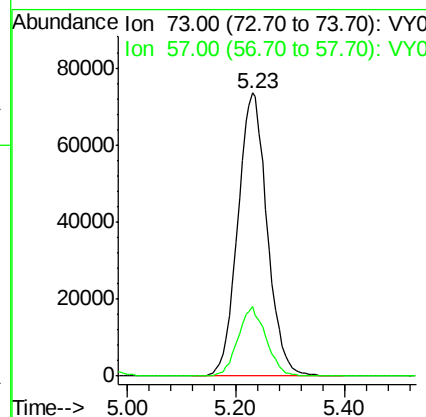
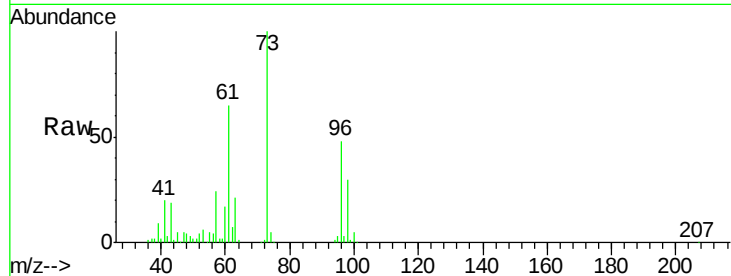
#19
Methvl tert-butvl Ether
Concen: 50.611 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.4	19.0	28.6

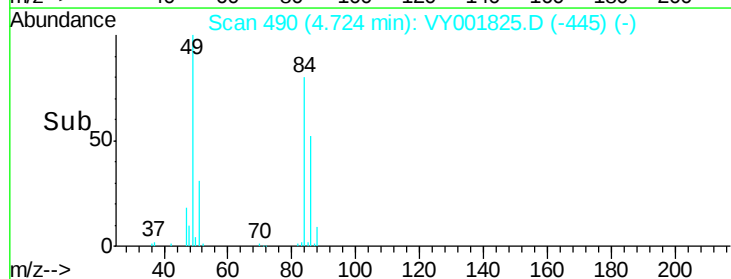
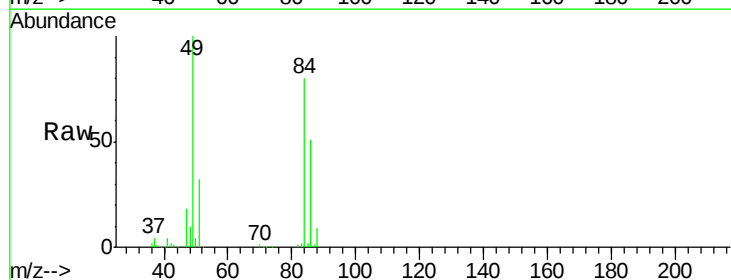
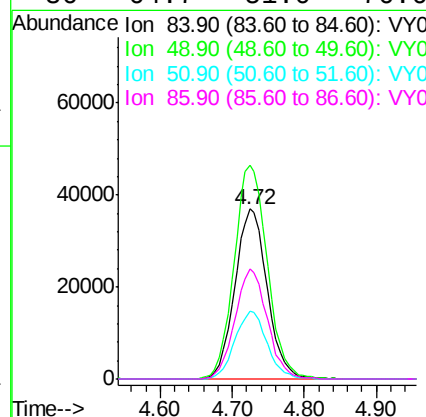
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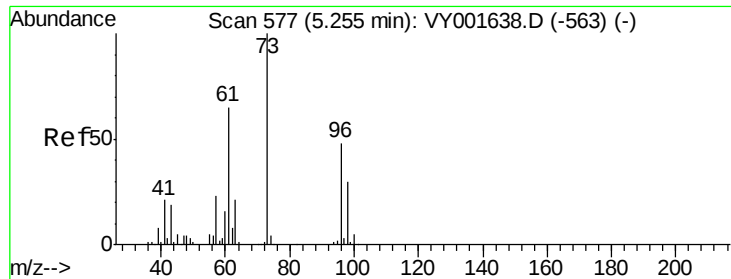
MMDadoda
3/4/2020 2:01:56 PM



#20
Methylene Chloride
Concen: 48.381 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.8	99.2	148.8
51	39.7	31.5	47.3
86	64.7	51.0	76.6





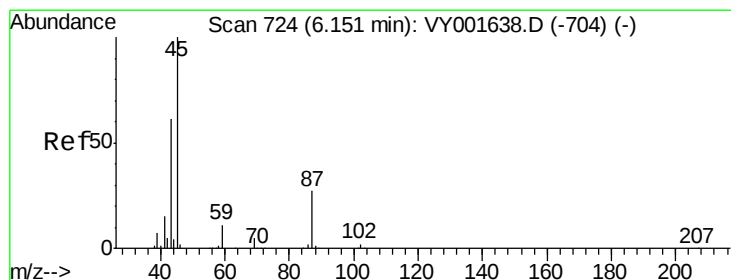
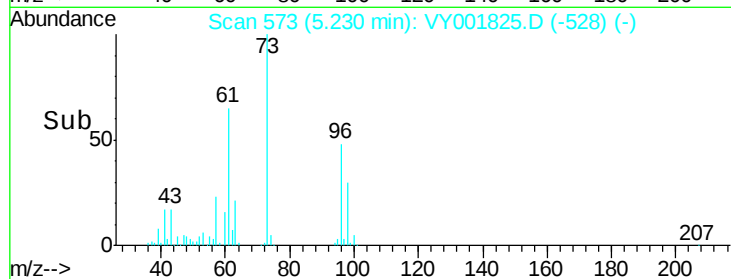
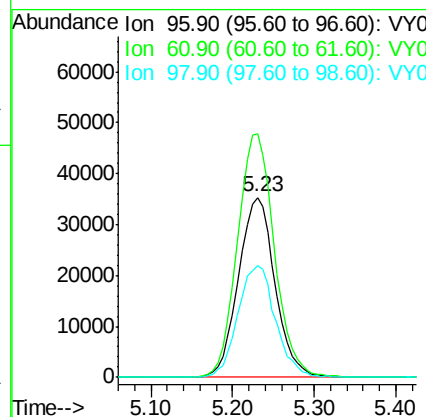
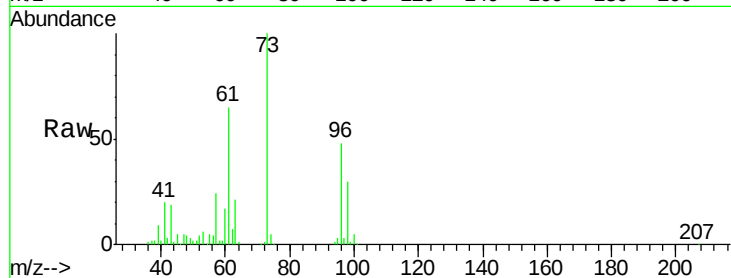
#21
trans-1,2-Dichloroethene
Concen: 49.169 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.0	107.9	161.9
98	62.0	49.8	74.8

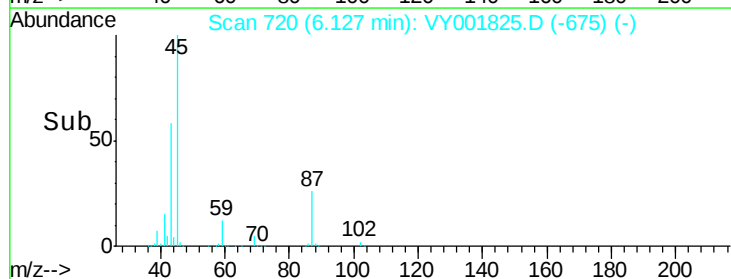
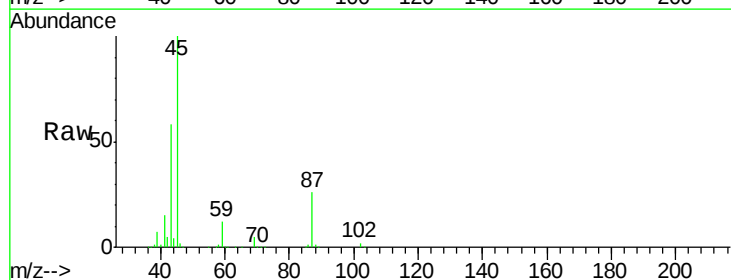
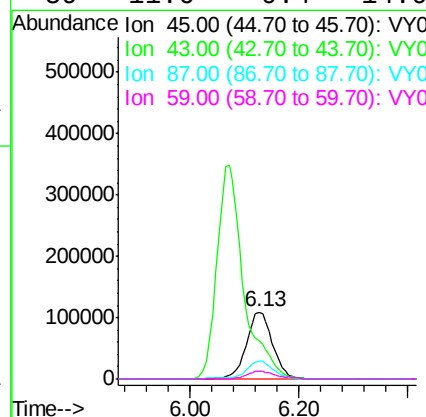
Manual Integrations
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#22
Diisopropyl ether
Concen: 51.096 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.4	46.4	69.6
87	26.1	22.1	33.1
59	11.6	9.4	14.0





#23

Vinyl Acetate

Concen: 254.236 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1184561

Ion Ratio Lower Upper

43 100

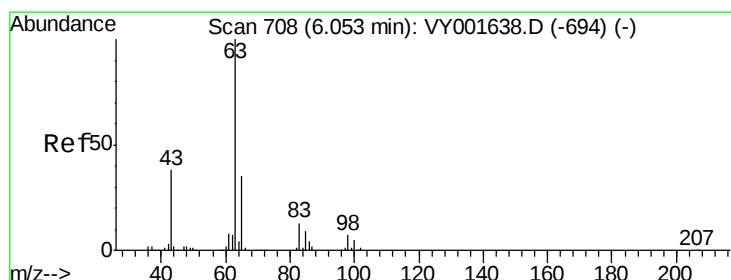
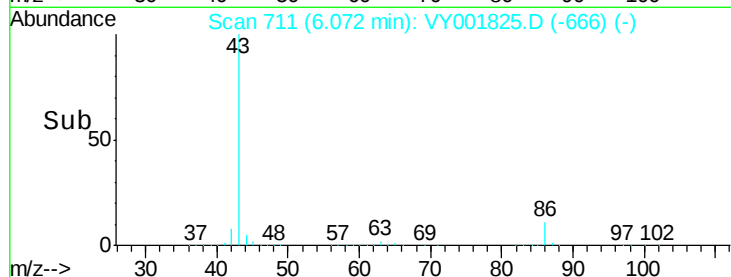
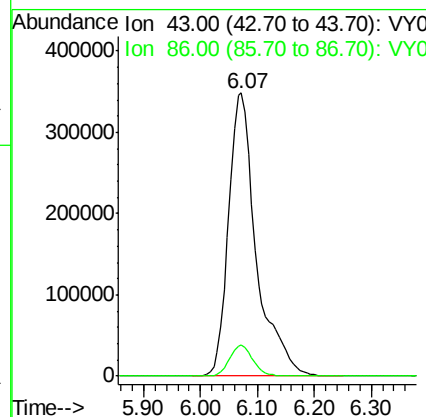
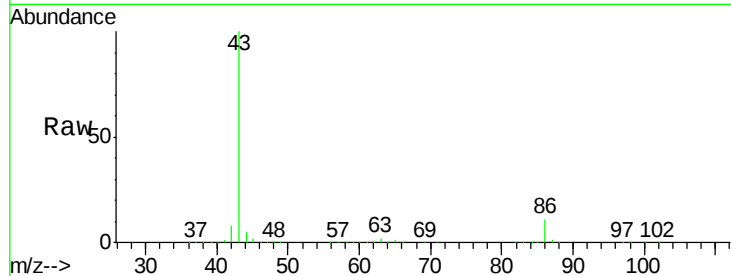
86 10.9 8.8 13.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.716 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

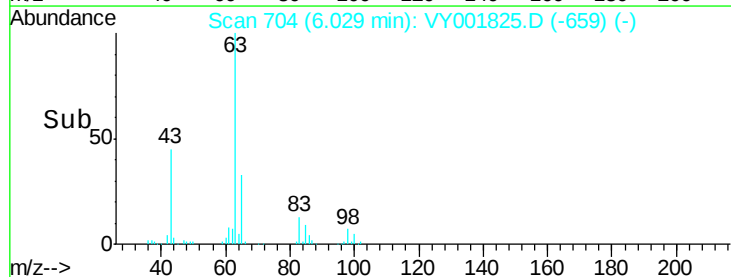
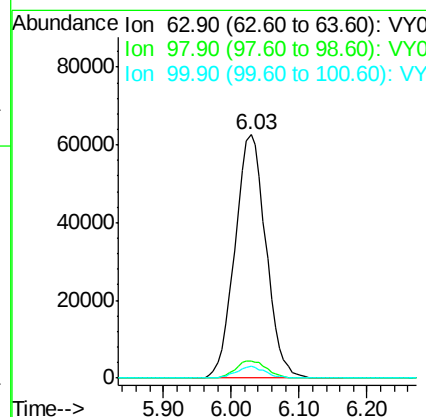
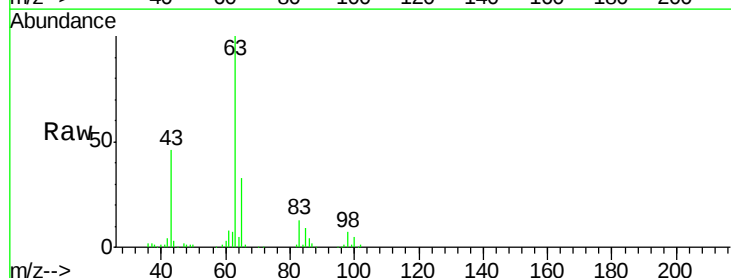
Tgt Ion: 63 Resp: 197440

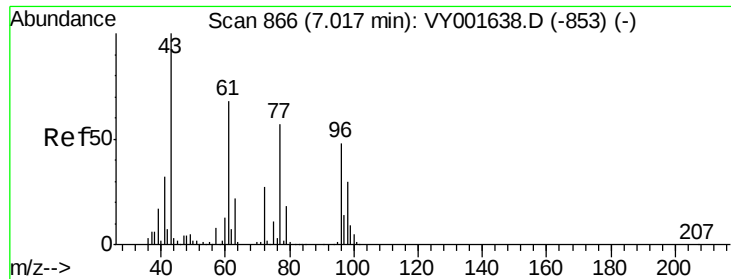
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.8 2.3 6.9





#25

2-Butanone

Concen: 253.351 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 230728

Ion Ratio Lower Upper

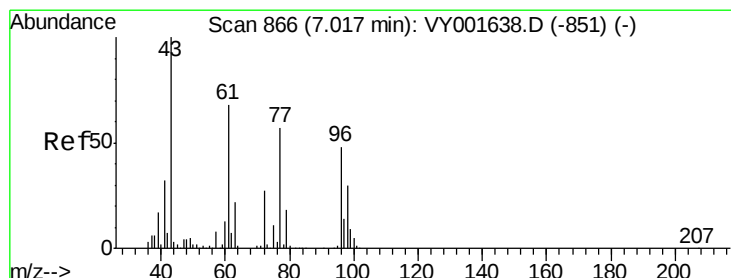
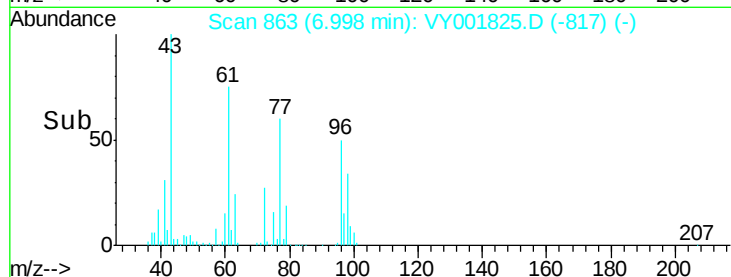
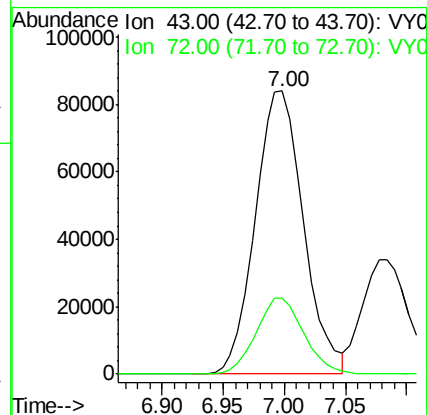
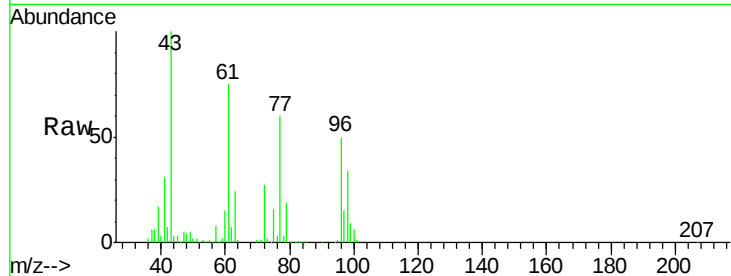
43 100

72 27.0 21.2 31.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 50.680 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.03 min

Lab File: VY001825.D

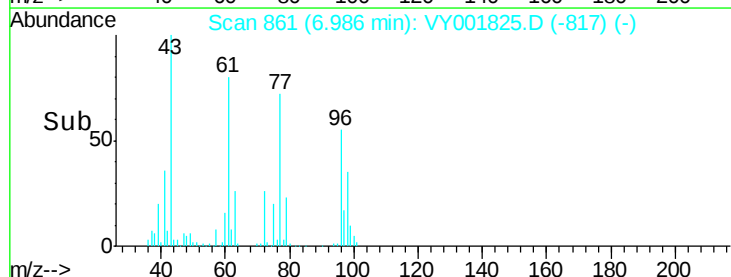
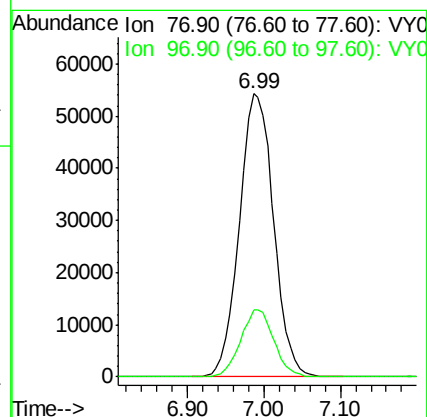
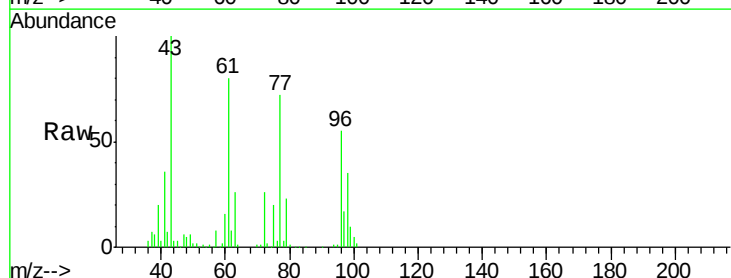
Acq: 03 Mar 2020 11:16

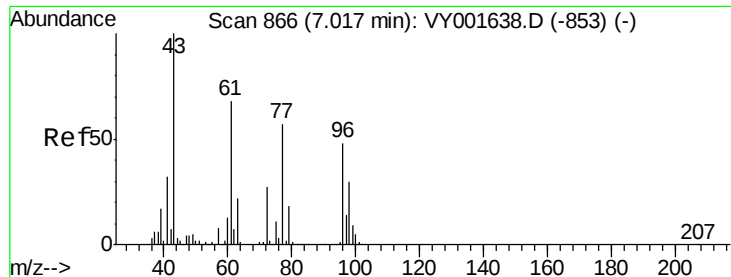
Tgt Ion: 77 Resp: 168336

Ion Ratio Lower Upper

77 100

97 23.0 11.8 35.4





#27

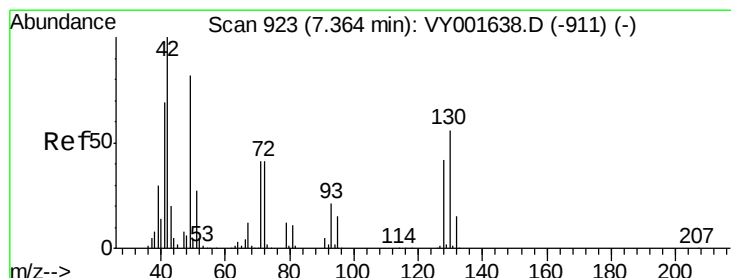
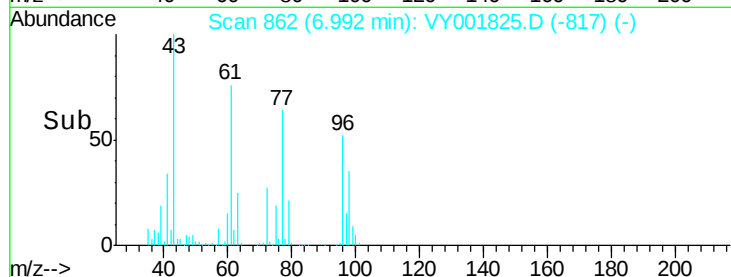
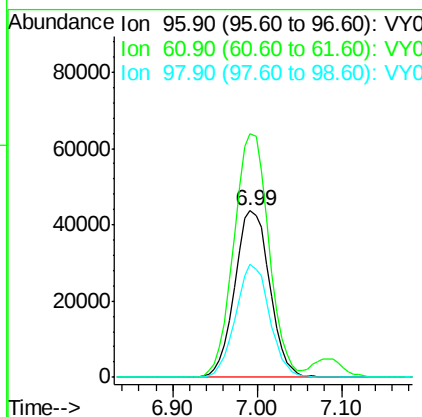
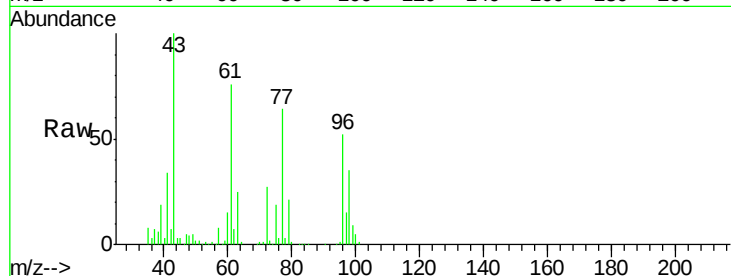
cis-1,2-Dichloroethene
Concen: 49.724 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	122386		
61	146.9	0.0	290.8	
98	66.0	0.0	128.6	

Manual Integrations
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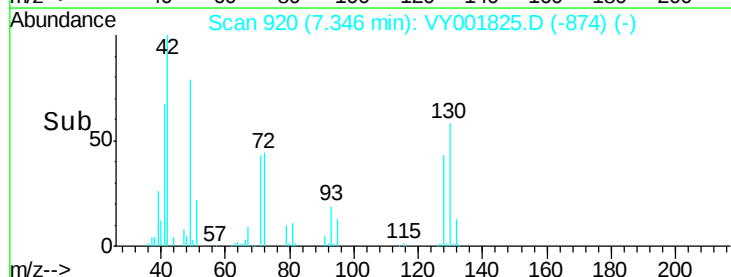
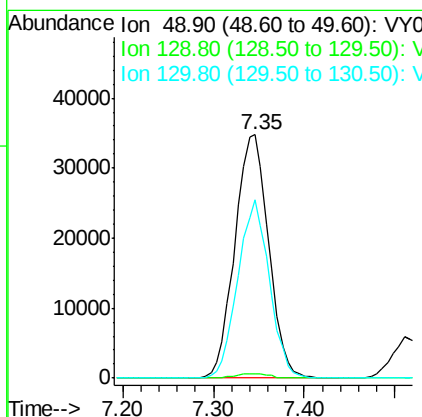
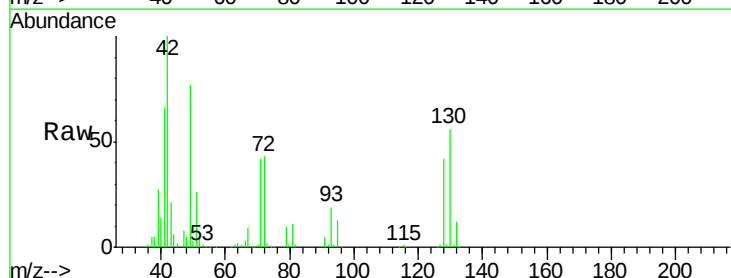
MMDadoda
3/4/2020 2:01:56 PM

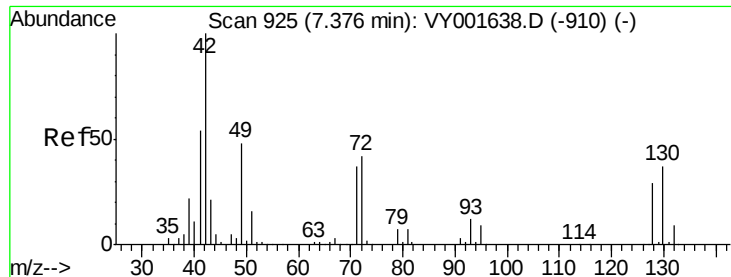


#28

Bromochloromethane
Concen: 56.480 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	89822		
129	1.7	0.0	3.6	
130	68.5	56.2	84.4	





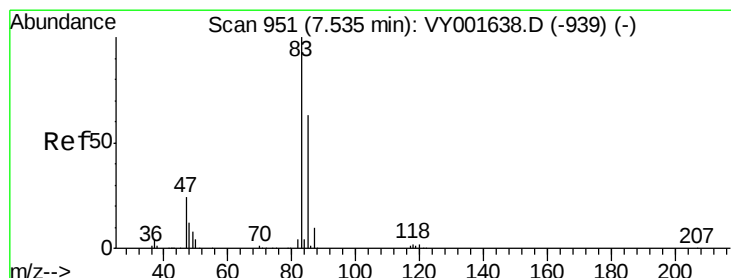
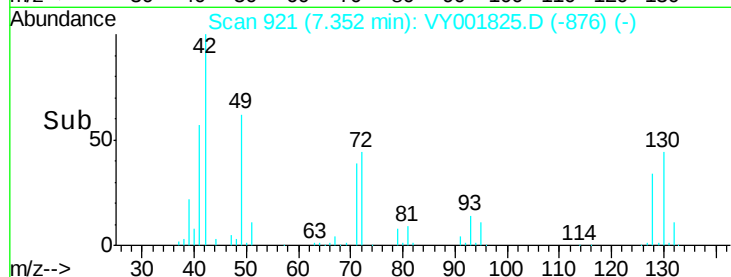
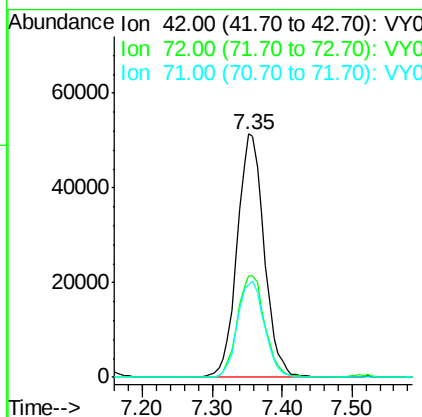
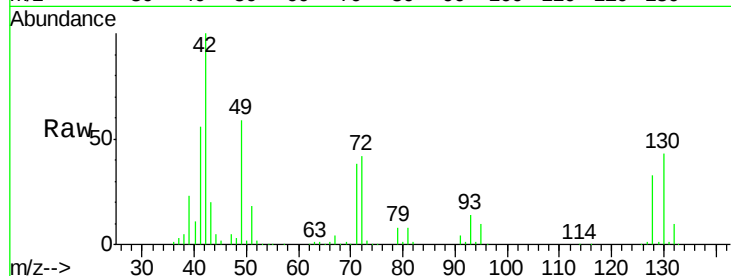
#29
Tetrahydrofuran
Concen: 250.732 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.4	51.6
71	39.2	31.8	47.8

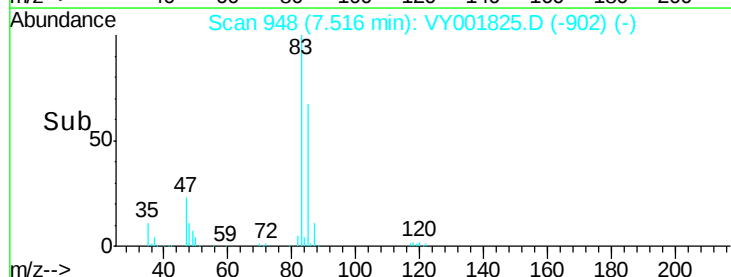
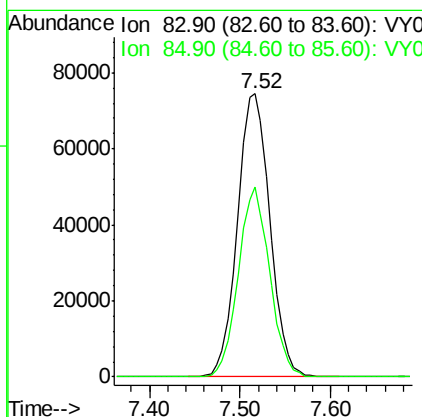
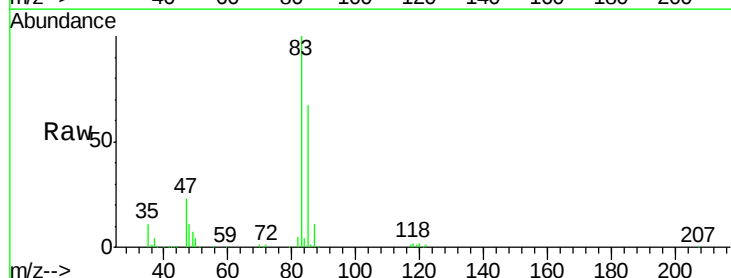
Manual Integrations
APPROVED

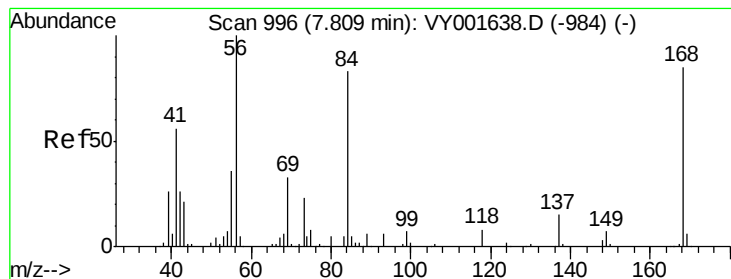
MMDadoda
3/4/2020 2:01:56 PM



#30
Chloroform
Concen: 49.733 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.6	77.4





#31

Cyclohexane

Concen: 47.806 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 194595

Ion Ratio Lower Upper

56 100

69 33.3 25.1 37.7

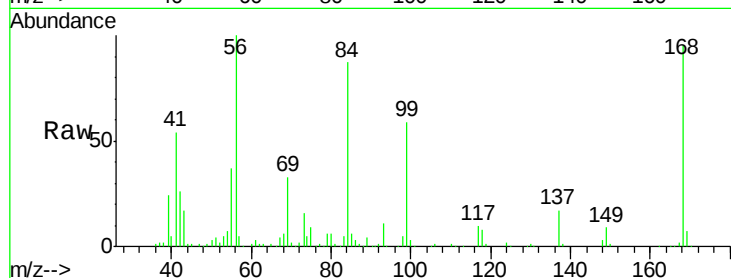
84 86.0 66.9 100.3

Manual Integrations

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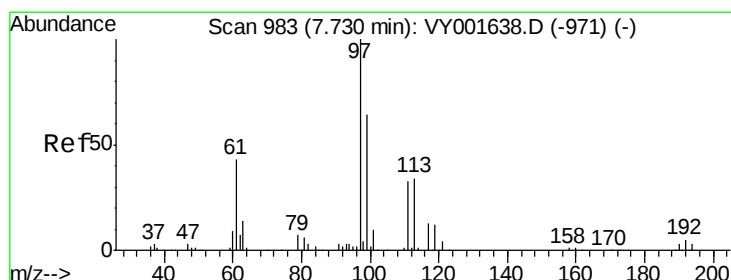
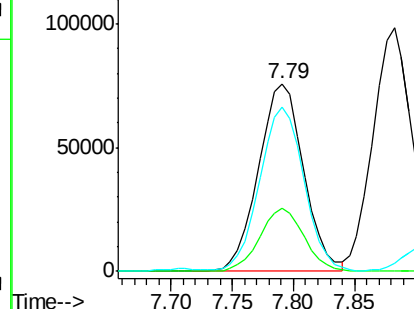
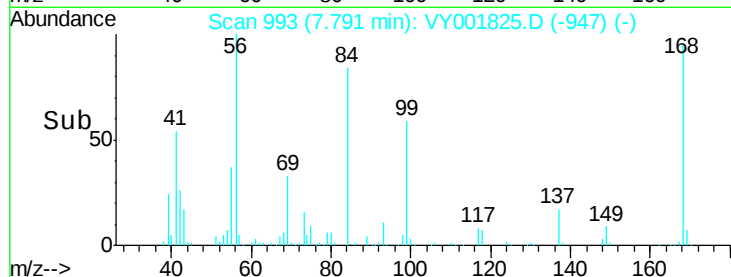
3/4/2020 2:01:56 PM



Abundance Ion 56.00 (55.70 to 56.70): VY001825.D (-947) (-)

Ion 69.00 (68.70 to 69.70): VY001825.D (-947) (-)

Ion 84.00 (83.70 to 84.70): VY001825.D (-947) (-)



#32

1,1,1-Trichloroethane

Concen: 50.436 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.02 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

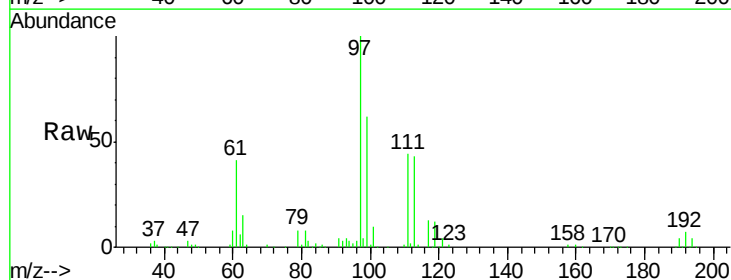
Tgt Ion: 97 Resp: 158129

Ion Ratio Lower Upper

97 100

99 64.2 51.2 76.8

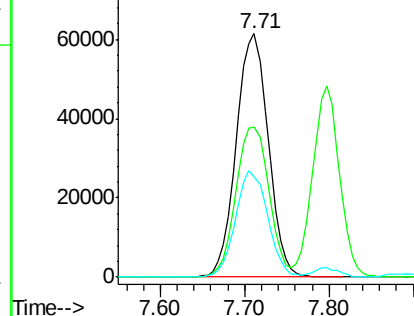
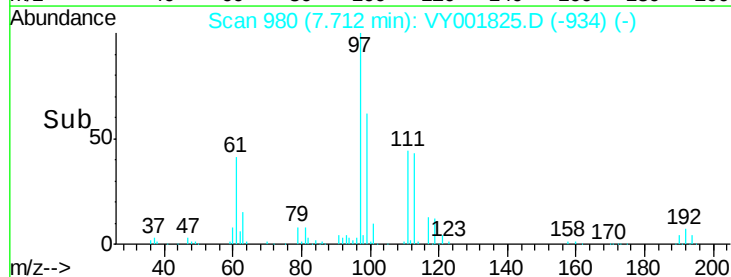
61 44.0 35.0 52.6

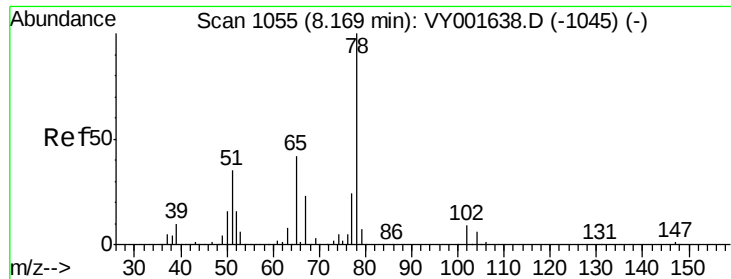


Abundance Ion 96.90 (96.60 to 97.60): VY001825.D (-934) (-)

Ion 98.90 (98.60 to 99.60): VY001825.D (-934) (-)

Ion 60.90 (60.60 to 61.60): VY001825.D (-934) (-)





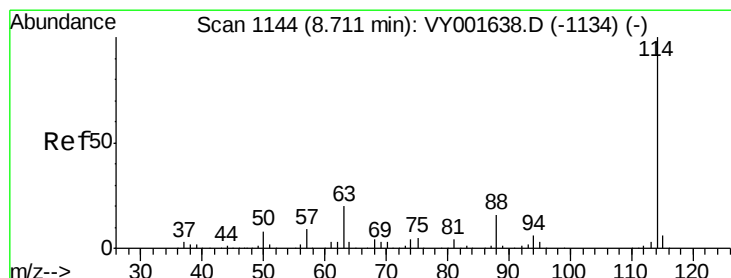
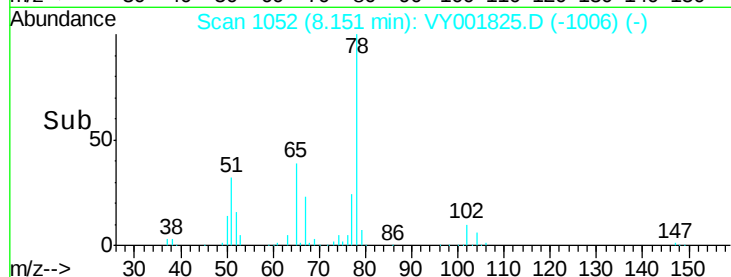
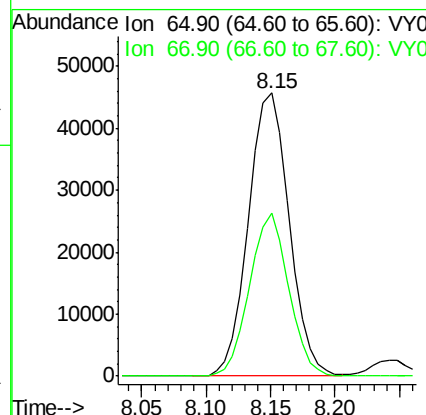
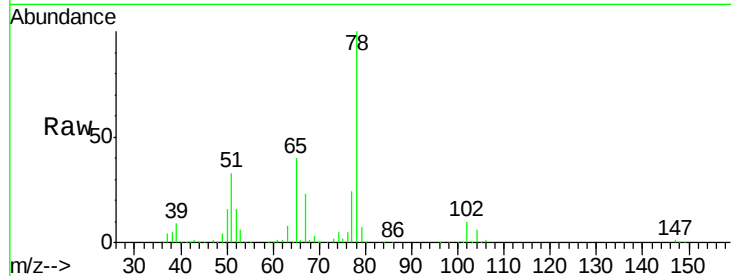
#33
 1,2-Dichloroethane-d4
 Concen: 51.668 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.4	0.0	111.0	

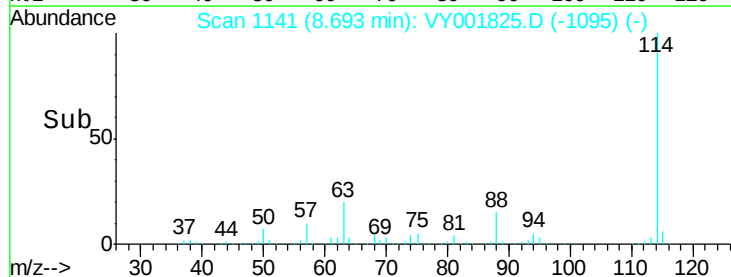
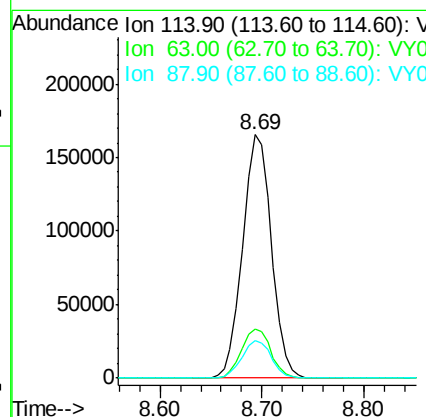
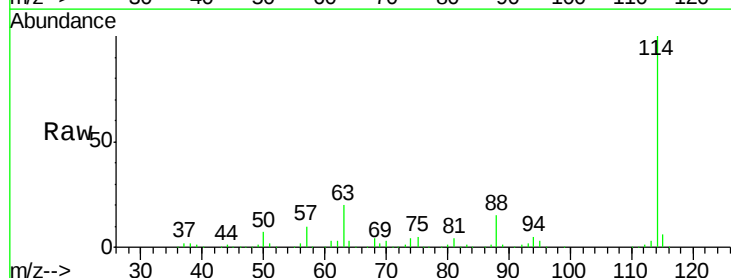
Manual Integrations
 APPROVED

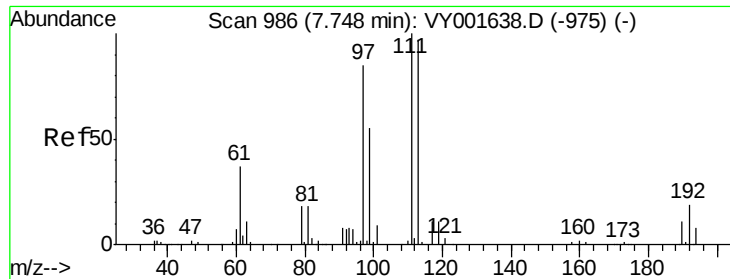
MMDadoda
 3/4/2020 2:01:56 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.2	0.0	41.4	
88	15.3	0.0	32.8	





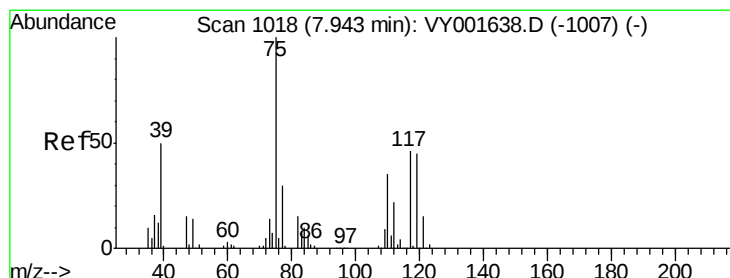
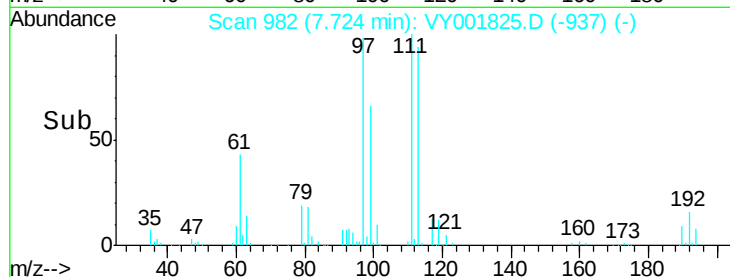
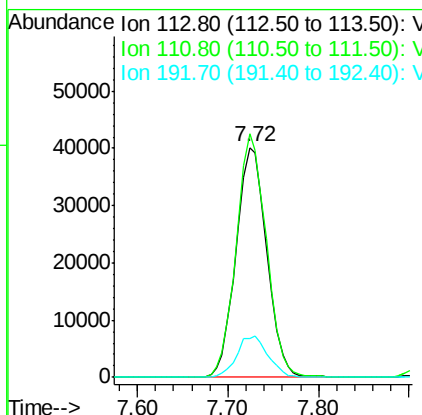
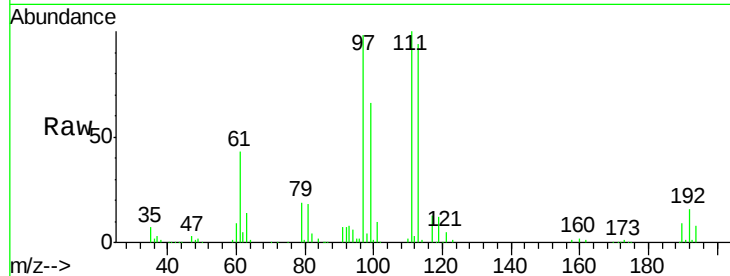
#35
Dibromofluoromethane
Concen: 51.307 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	18.2	14.3	21.5

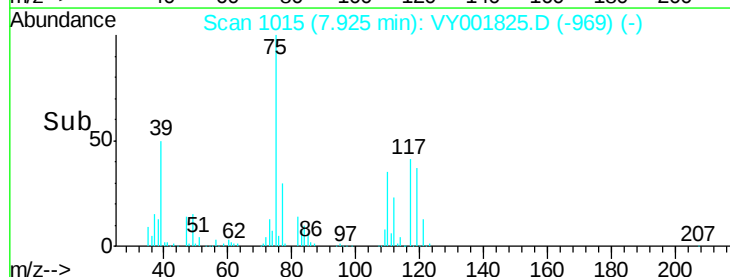
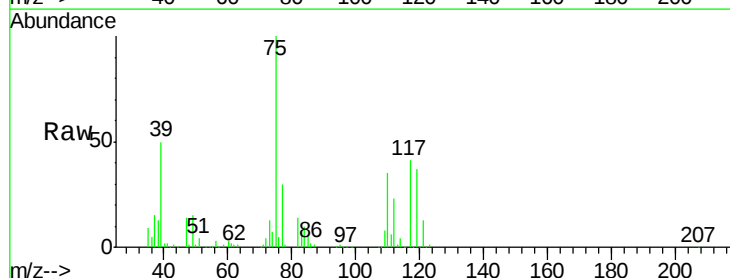
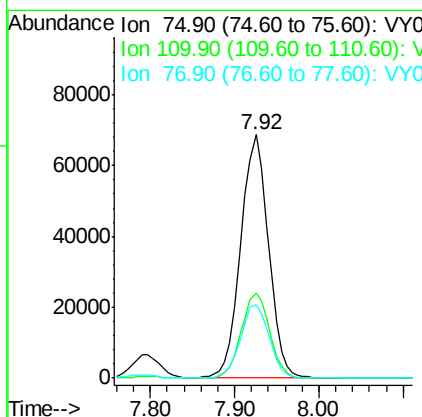
Manual Integrations
APPROVED

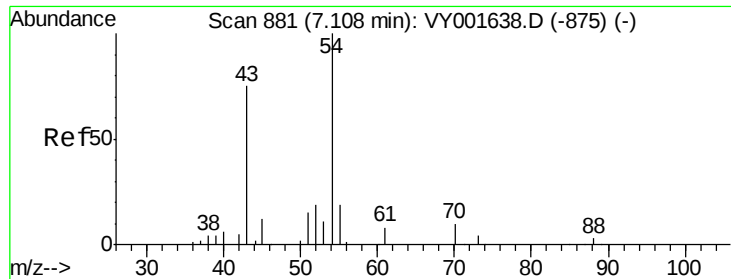
MMDadoda
3/4/2020 2:01:56 PM



#36
1,1-Dichloropropene
Concen: 49.420 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.2	51.6
77	31.4	24.8	37.2





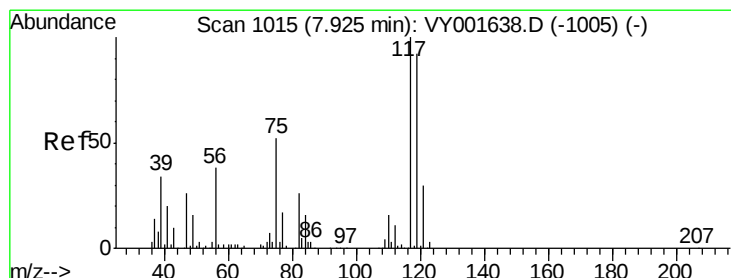
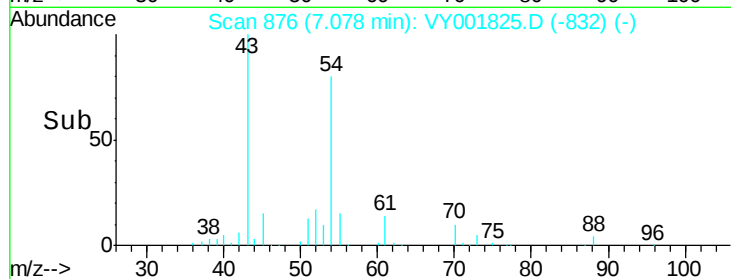
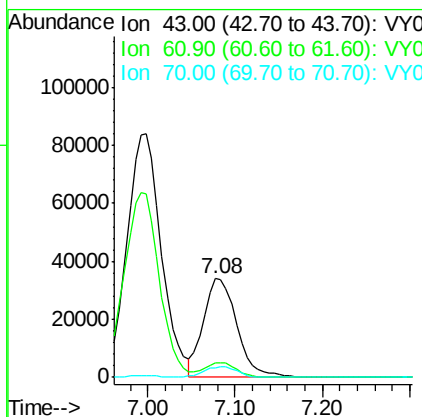
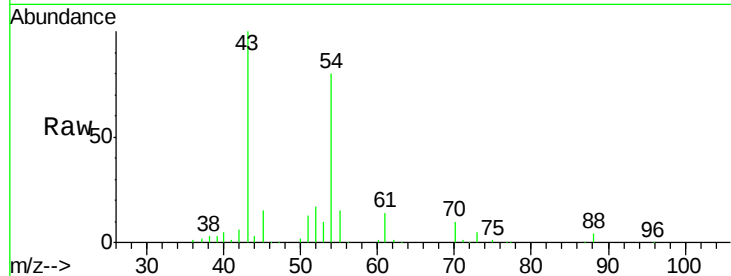
#37
Ethyl Acetate
Concen: 49.641 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.03 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.6
70	10.9	8.8	13.2

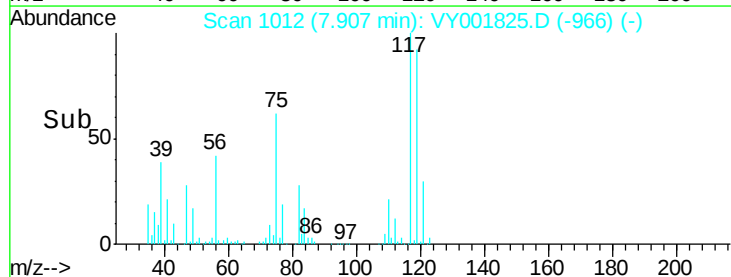
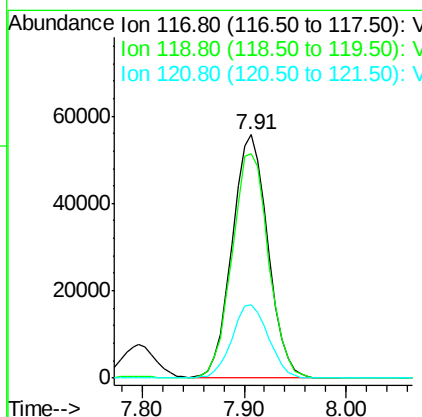
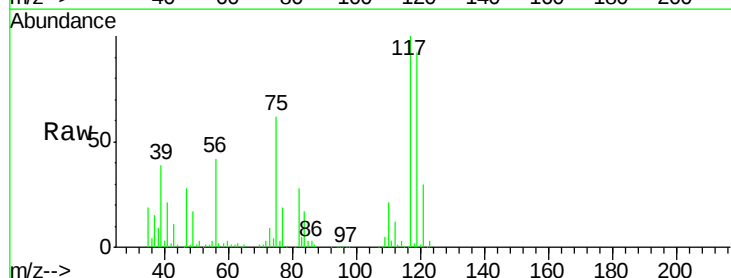
Manual Integrations
APPROVED

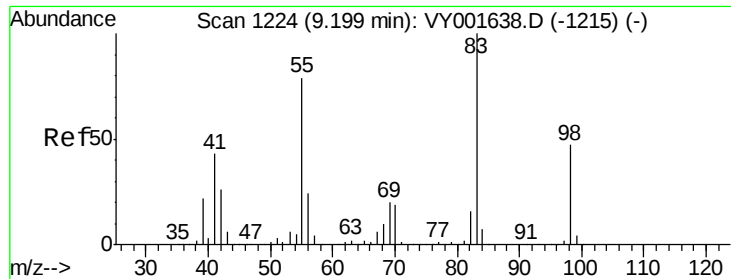
MMDadoda
3/4/2020 2:01:56 PM



#38
Carbon Tetrachloride
Concen: 50.132 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	74.8	112.2
121	30.2	23.8	35.6





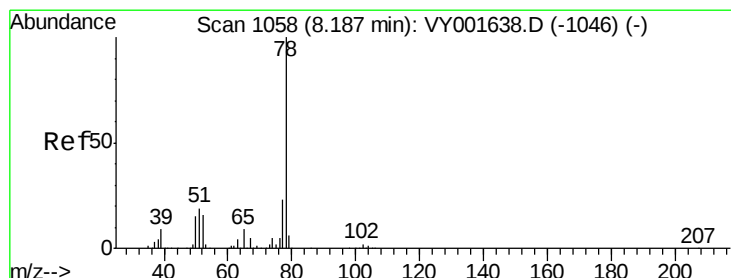
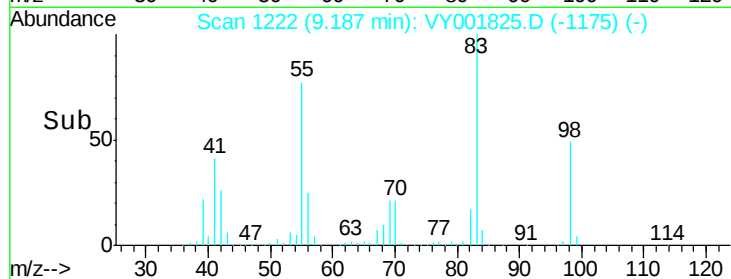
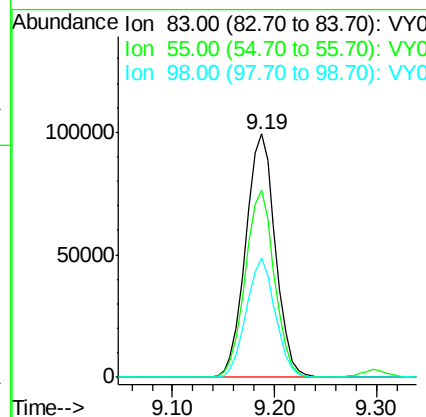
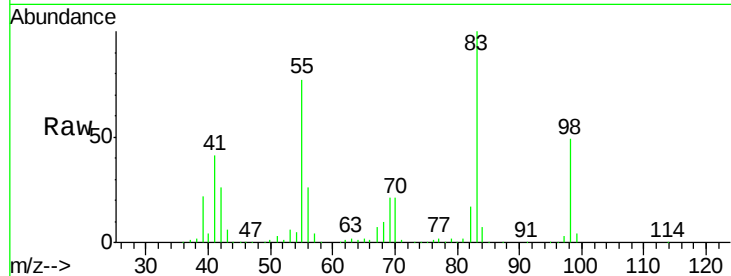
#39
Methvlcvclohexane
Concen: 49.005 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.2	61.3	91.9	
98	49.1	38.0	57.0	

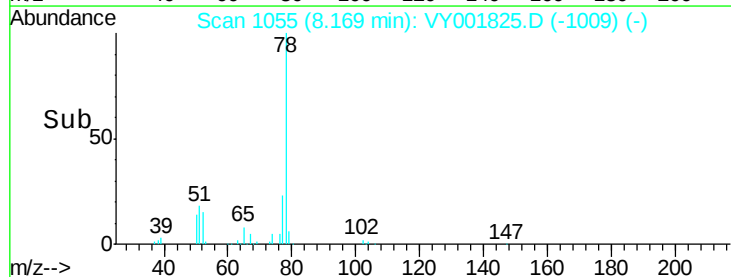
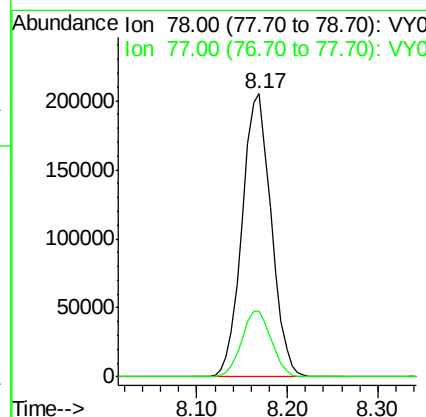
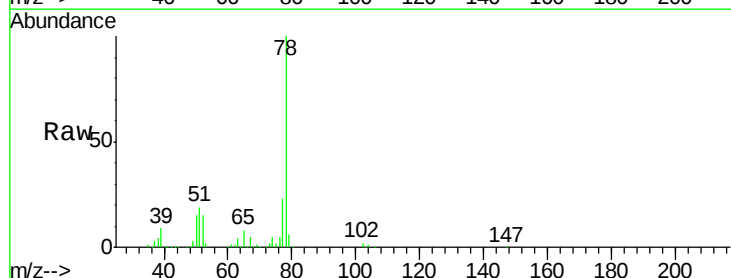
Manual Integrations
APPROVED

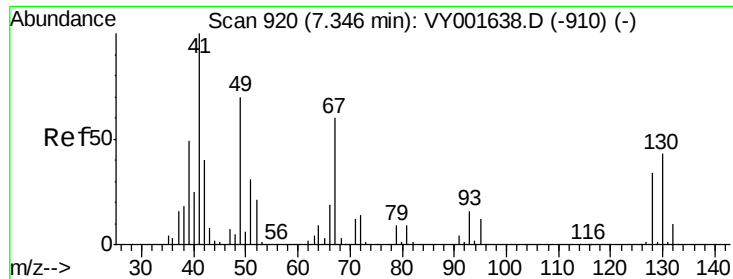
MMDadoda
3/4/2020 2:01:56 PM



#40
Benzene
Concen: 50.249 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.4	18.2	27.4	





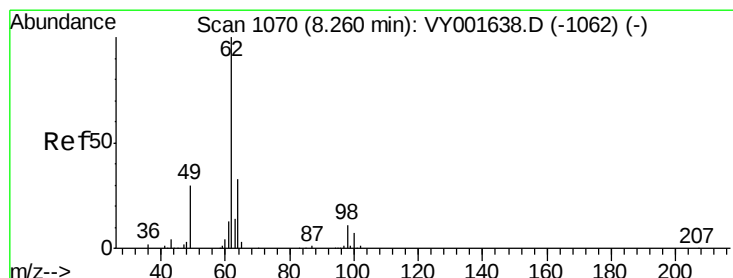
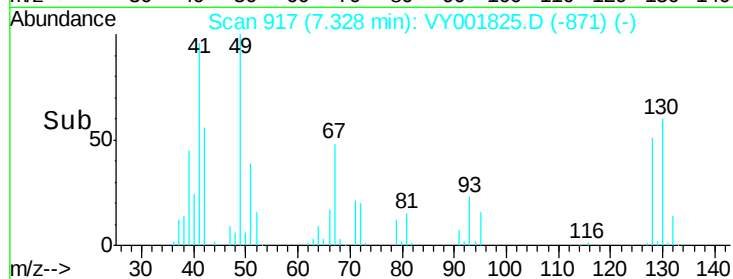
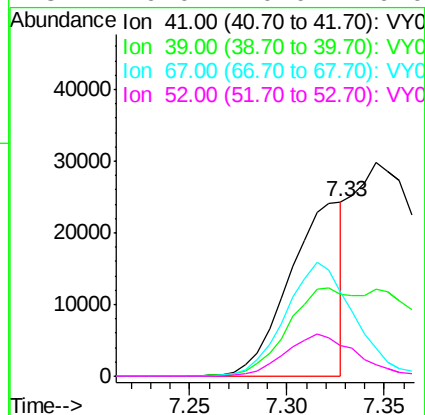
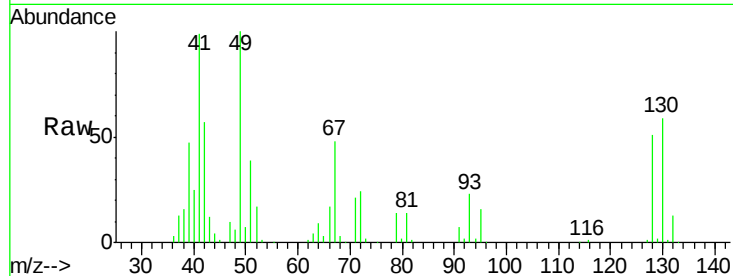
#41
Methacrylonitrile
Concen: 51.045 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp:	47190
Ion Ratio	Lower	Upper	
41	100		
39	0.0	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

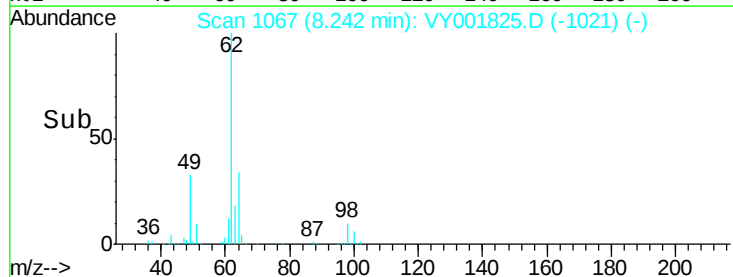
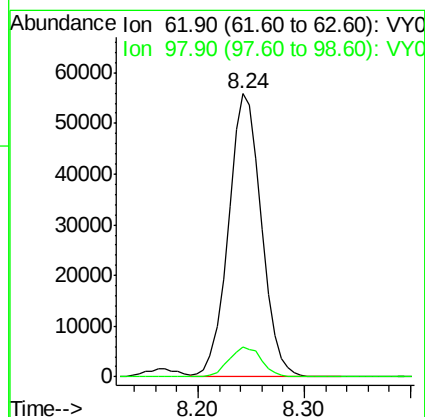
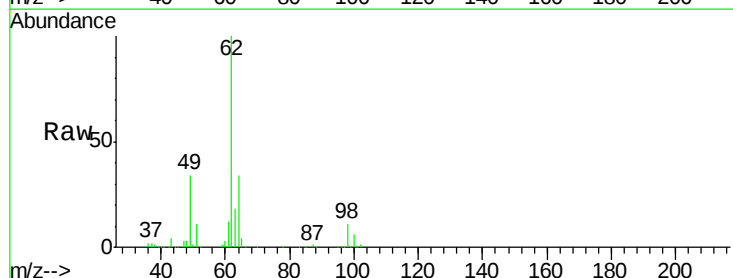
Manual Integrations
APPROVED

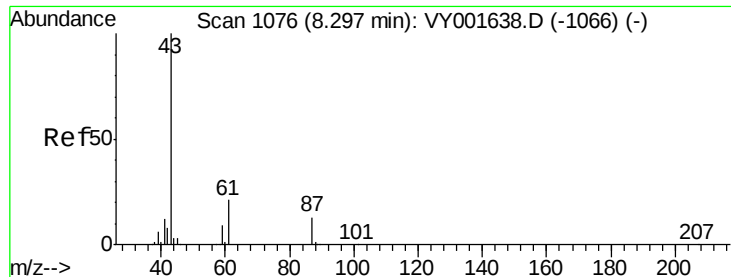
MMDadoda
3/4/2020 2:01:56 PM



#42
1,2-Dichloroethane
Concen: 48.898 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	62	Resp:	120861
Ion Ratio	Lower	Upper	
62	100		
98	10.6	0.0	20.8





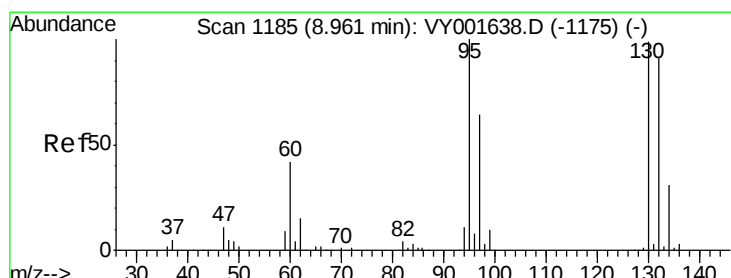
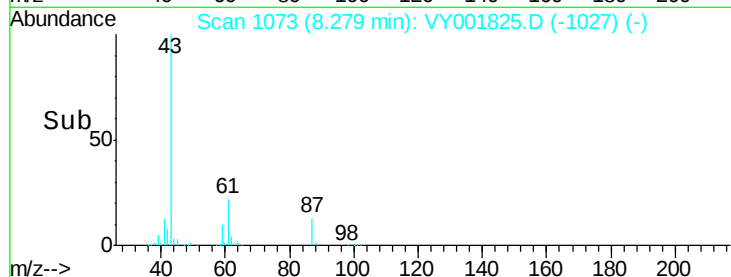
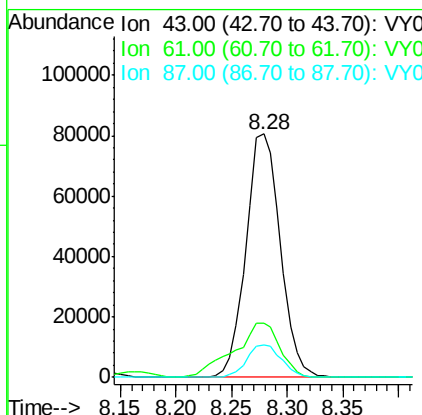
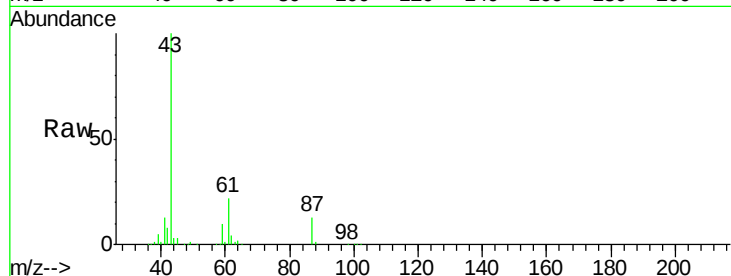
#43
Isopropyl Acetate
Concen: 49.645 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.0	34.4
87	13.6	10.7	16.1

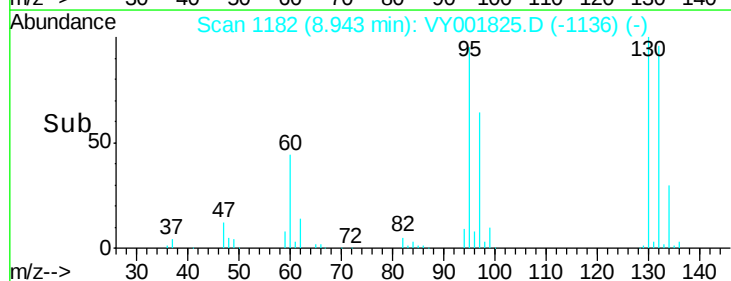
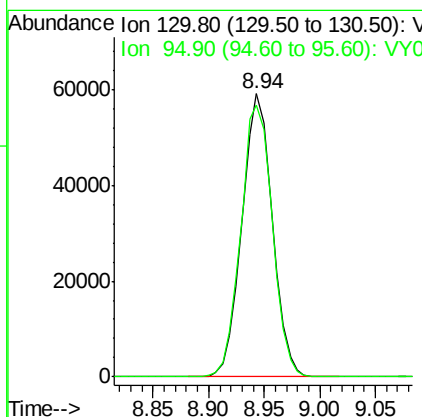
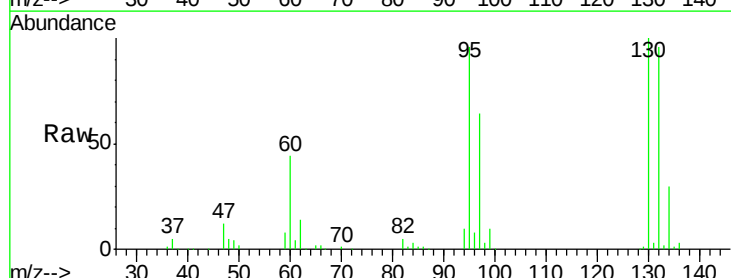
Manual Integrations
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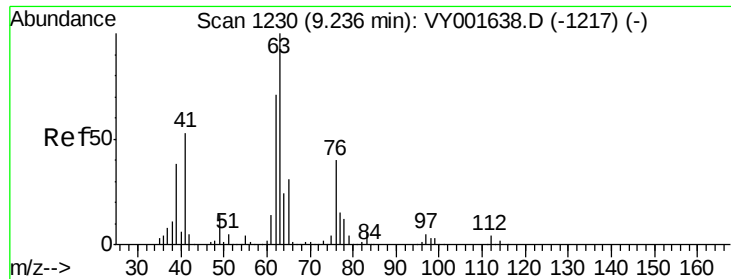
MMDadoda
3/4/2020 2:01:56 PM



#44
Trichloroethene
Concen: 49.448 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	200.6





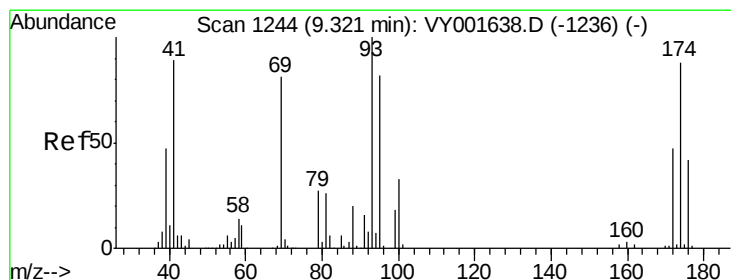
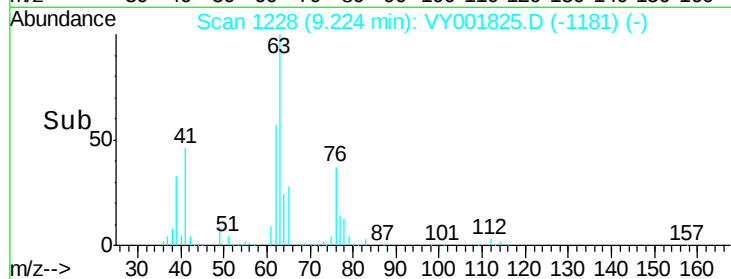
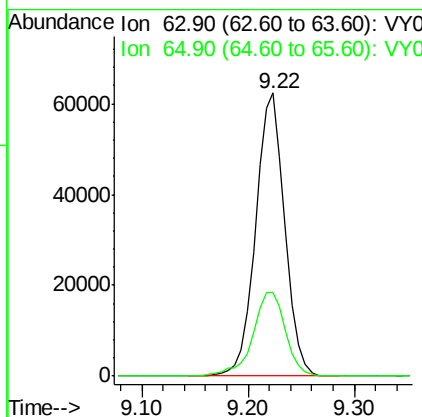
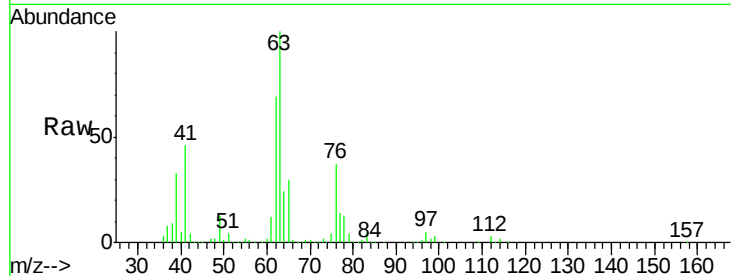
#45
 1,2-Dichloropropane
 Concen: 52.390 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 119039
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.6 37.0

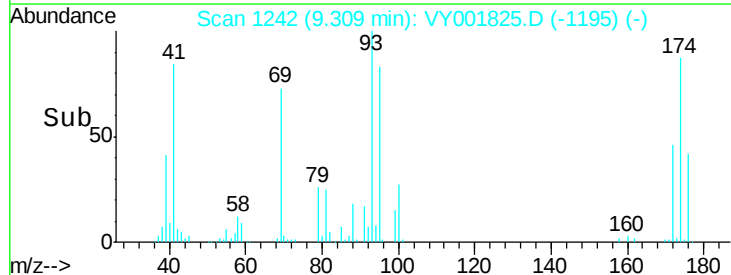
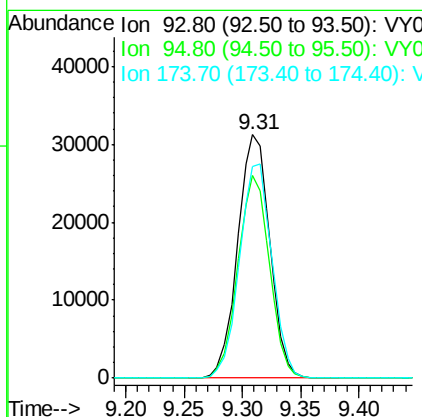
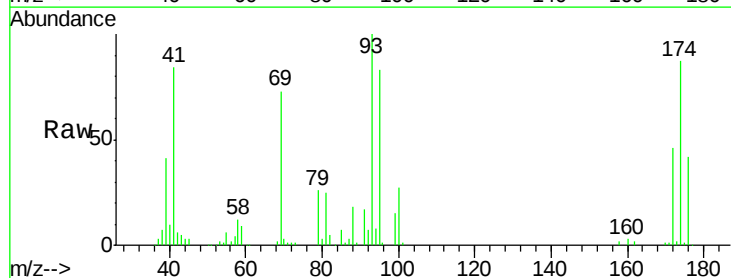
Manual Integrations
 APPROVED

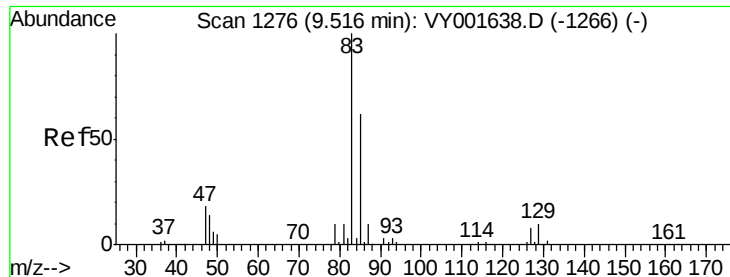
MMDadoda
 3/4/2020 2:01:56 PM



#46
 Dibromomethane
 Concen: 50.784 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Tgt Ion: 93 Resp: 60353
 Ion Ratio Lower Upper
 93 100
 95 81.6 66.1 99.1
 174 88.7 72.5 108.7





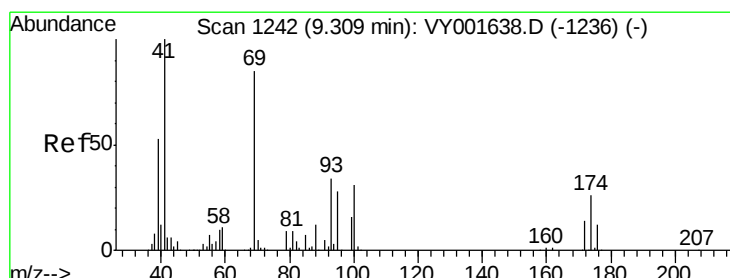
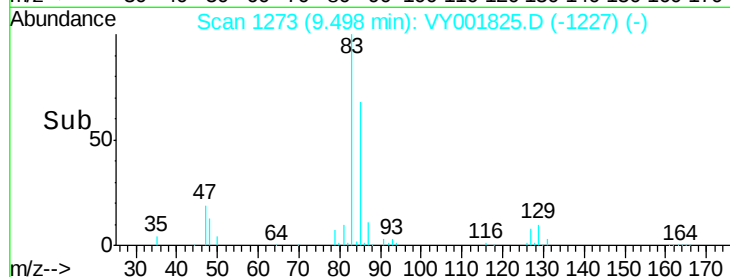
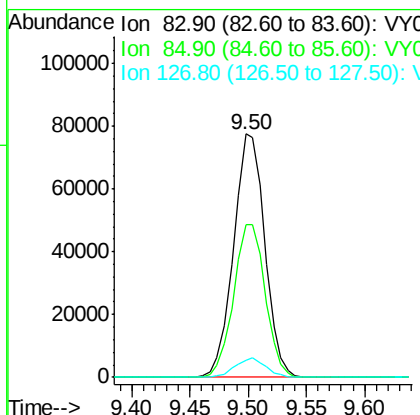
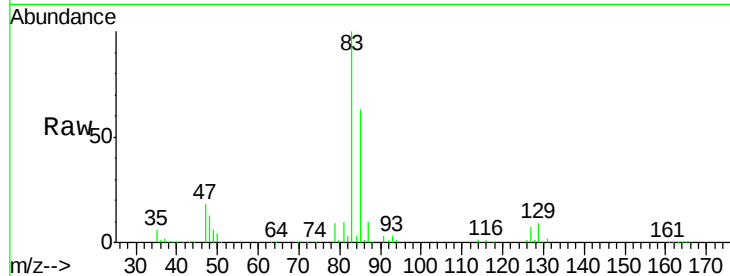
#47
Bromodichloromethane
Concen: 50.461 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.02 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	144734
Ion Ratio	100	Lower	Upper
83	100		
85	62.7	51.4	77.0
127	7.1	6.4	9.6

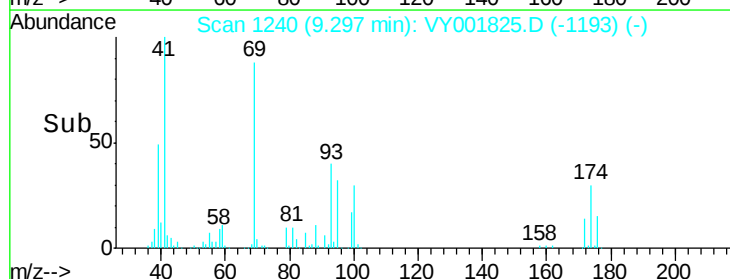
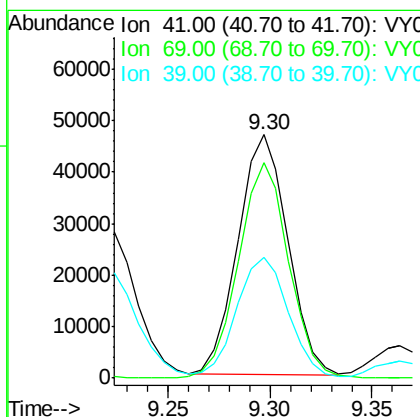
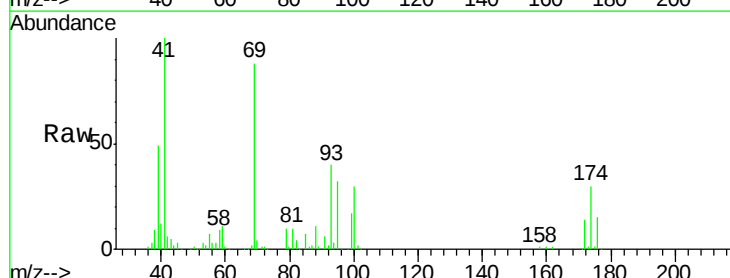
Manual Integrations
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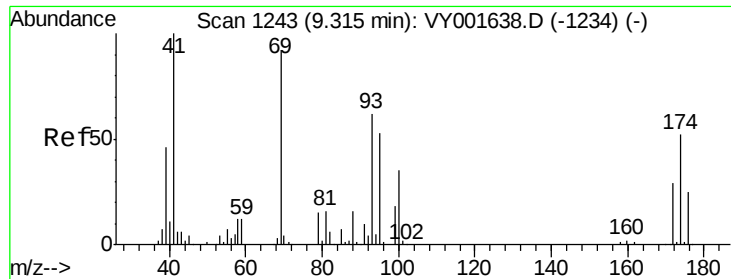
MMDadoda
3/4/2020 2:01:56 PM



#48
Methyl methacrylate
Concen: 50.139 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	41	Resp	79216
Ion Ratio	100	Lower	Upper
41	100		
69	90.5	70.7	106.1
39	52.6	42.2	63.2





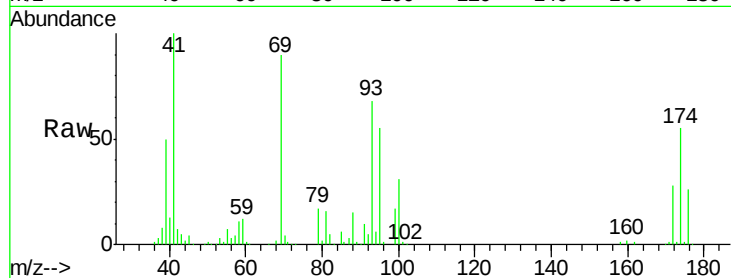
#49
1,4-Dioxane
Concen: 978.294 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	16421
Ion	Ratio	Lower	Upper
88	100		
43	26.5	23.1	34.7
58	74.4	58.1	87.1

Manual Integrations
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MMDadoda
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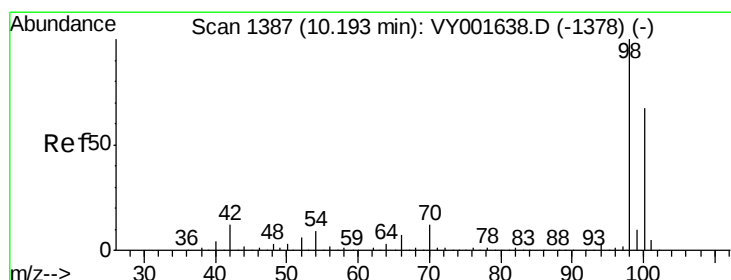
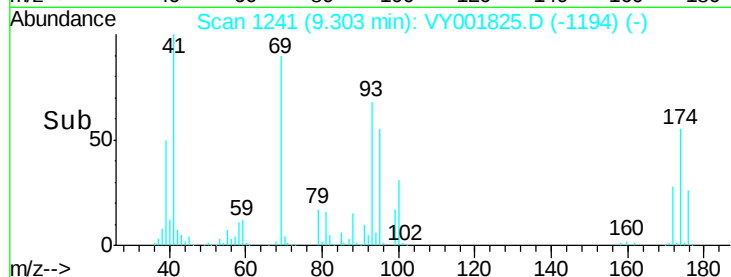
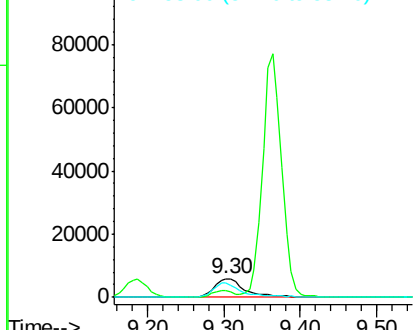


Abundance

Ion 88.00 (87.70 to 88.70): VY0

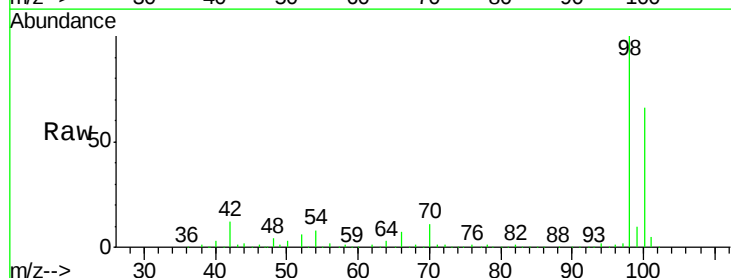
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 53.890 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

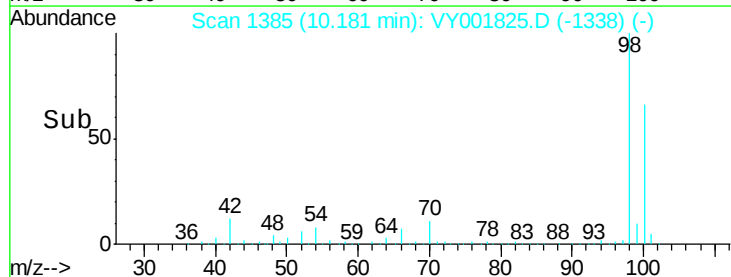
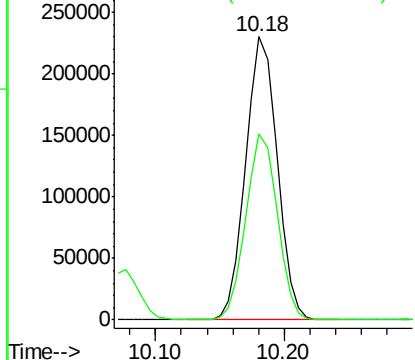
Tgt Ion	98	Resp	390524
Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.4

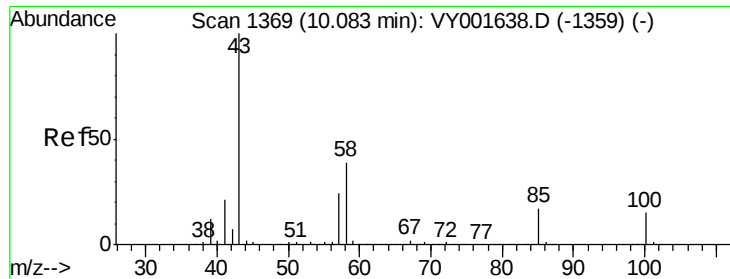


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





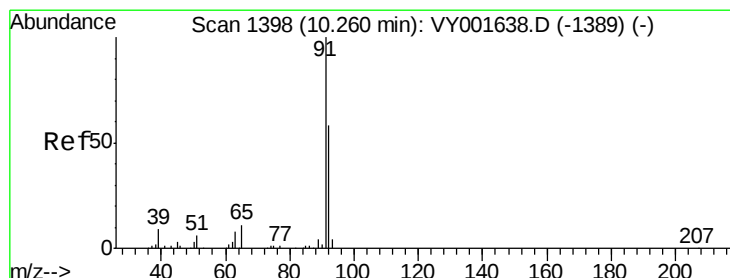
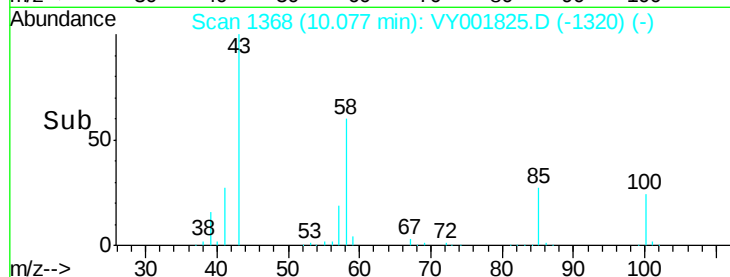
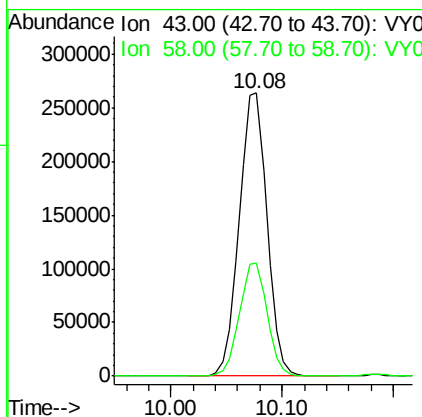
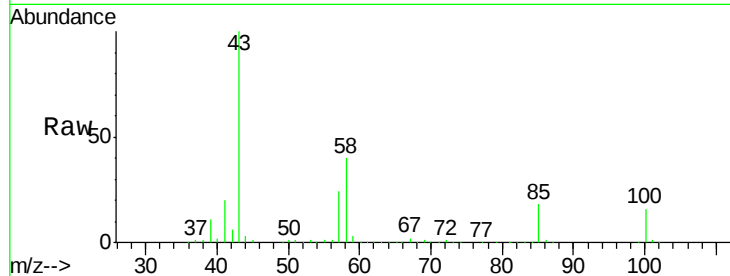
#51
4-Methyl-2-Pentanone
Concen: 254.399 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.8	32.2	48.4

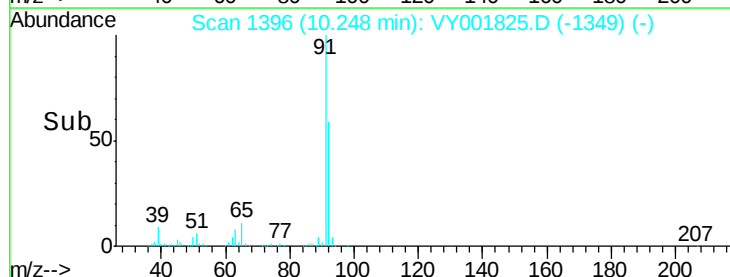
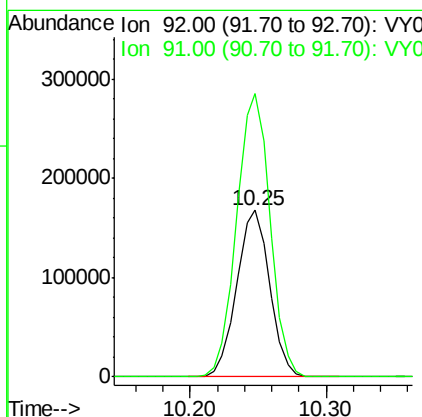
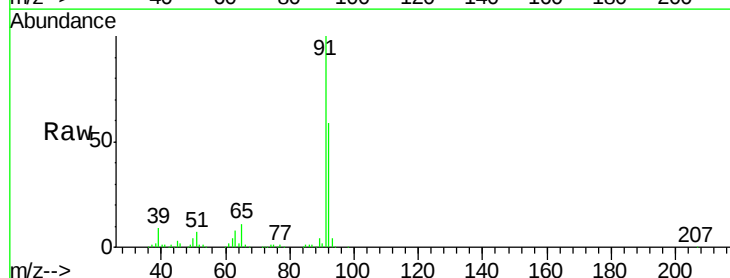
Manual Integrations
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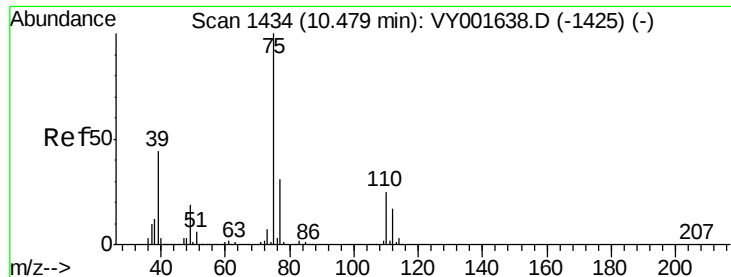
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#52
Toluene
Concen: 50.081 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.9	137.0	205.6





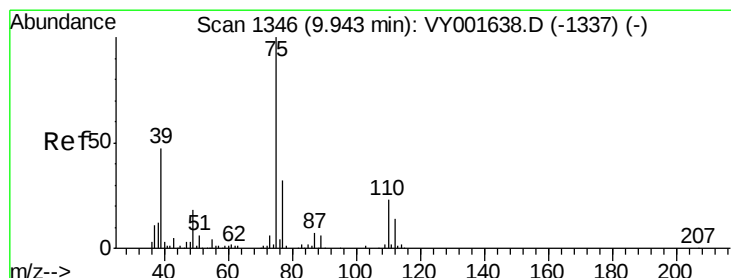
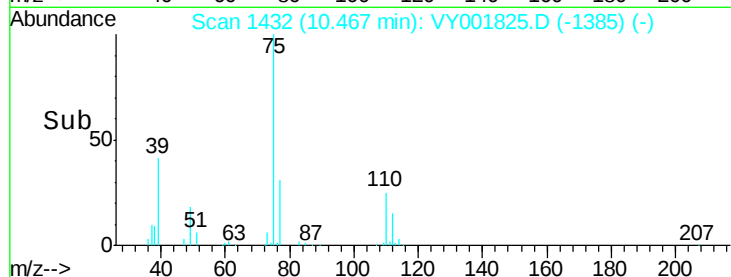
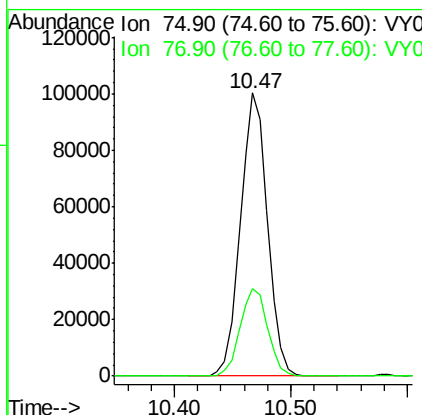
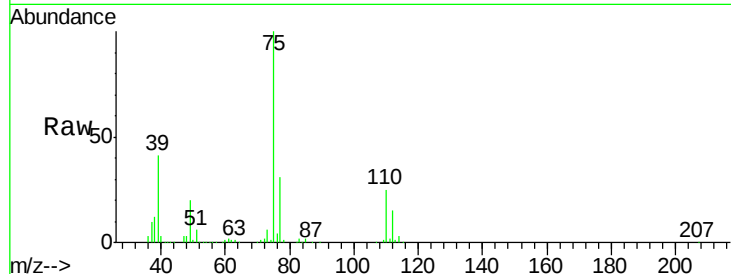
#53
 t-1,3-Dichloropropene
 Concen: 50.976 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 161637
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8

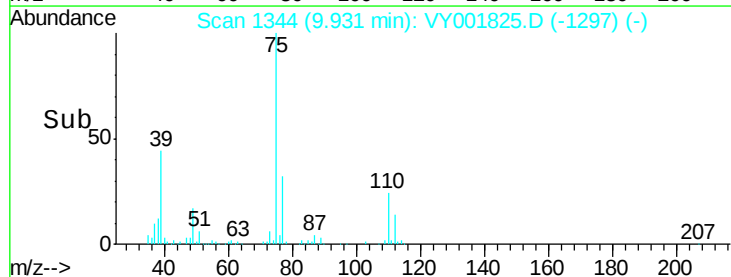
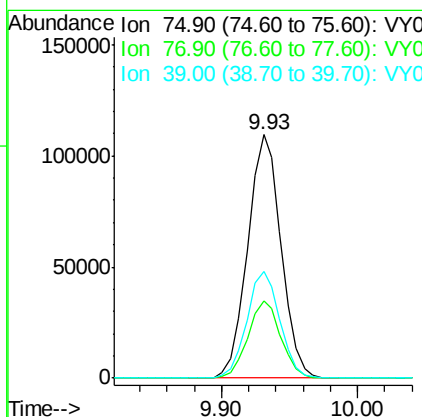
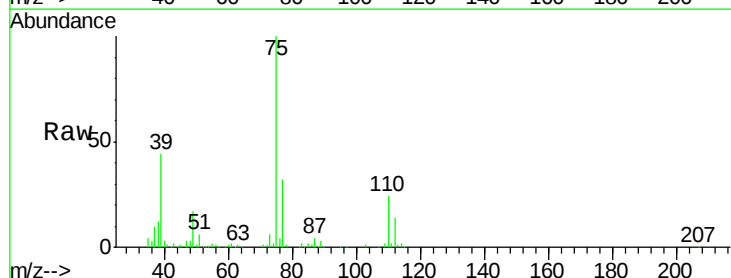
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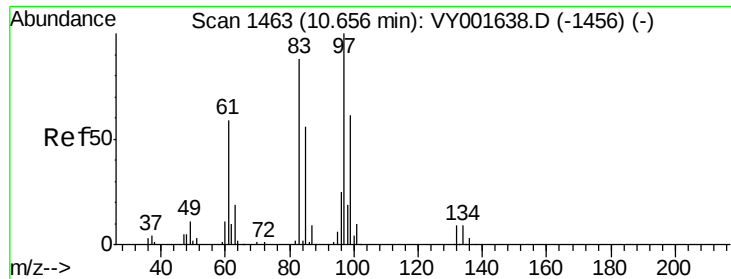
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 3/4/2020 2:01:56 PM



#54
 cis-1,3-Dichloropropene
 Concen: 51.432 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Tgt Ion: 75 Resp: 187700
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.7 38.5
 39 44.0 35.7 53.5





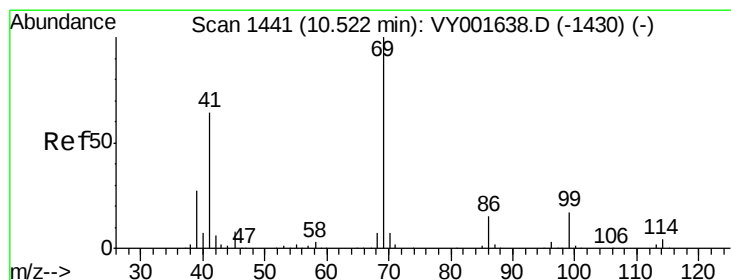
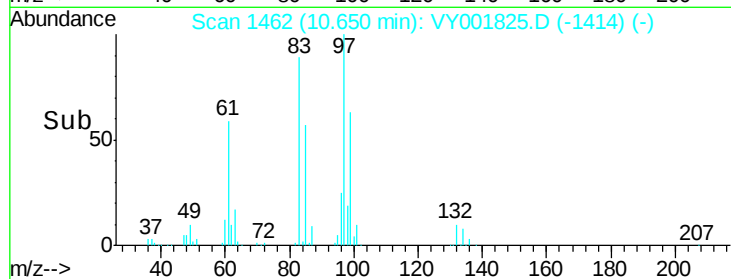
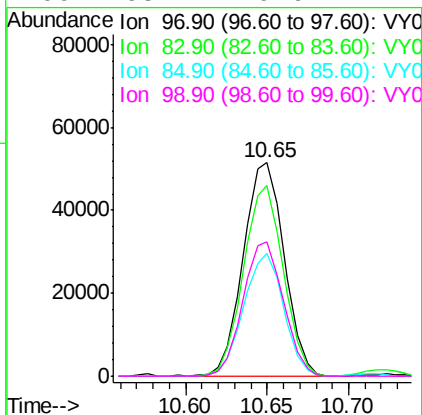
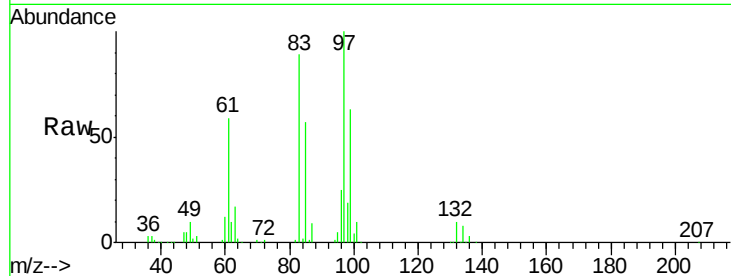
#55
 1,1,2-Trichloroethane
 Concen: 51.402 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.7	104.5
85	57.3	44.5	66.7
99	63.1	49.6	74.4

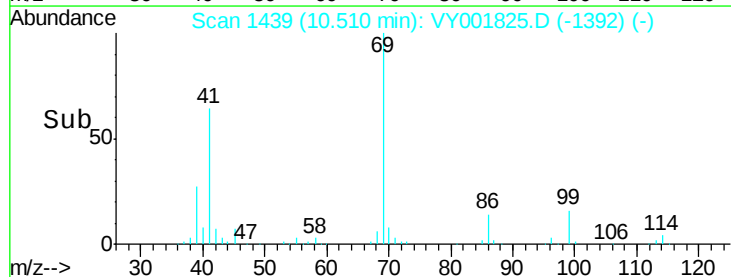
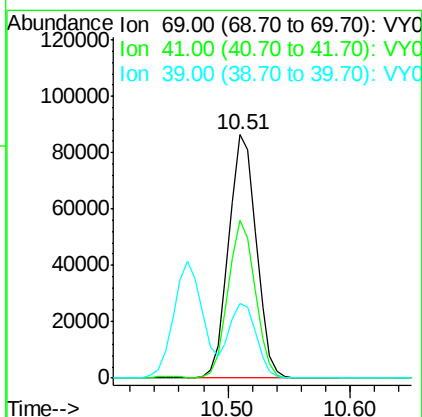
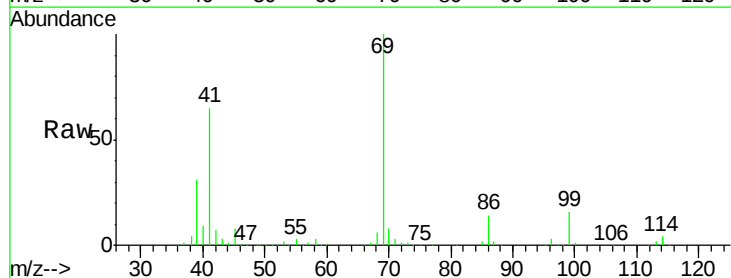
Manual Integrations
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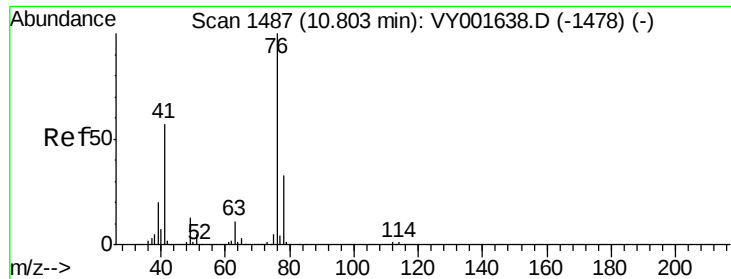
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#56
 Ethyl methacrylate
 Concen: 51.195 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.5	51.0	76.4
39	30.4	24.7	37.1





#57

1,3-Dichloropropane

Concen: 51.130 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 159203

Ion Ratio Lower Upper

76 100

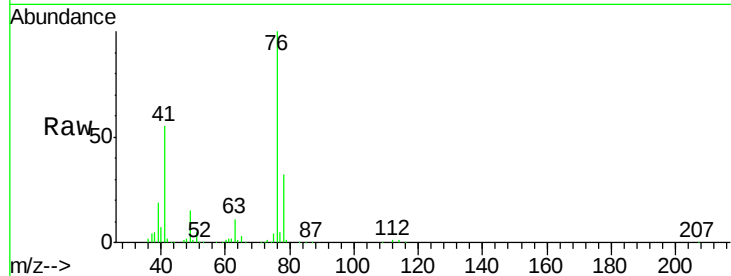
78 31.7 25.7 38.5

Manual Integrations

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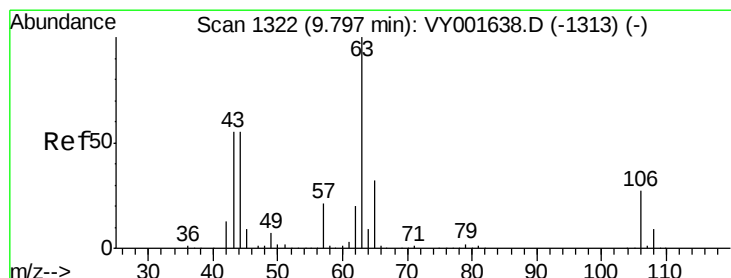
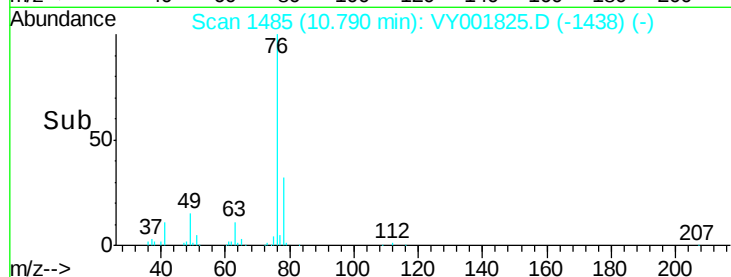
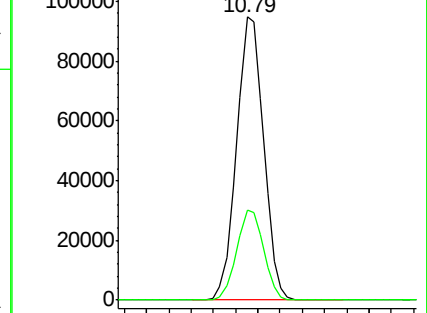
MMDadoda

3/4/2020 2:01:56 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 246.175 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY001825.D

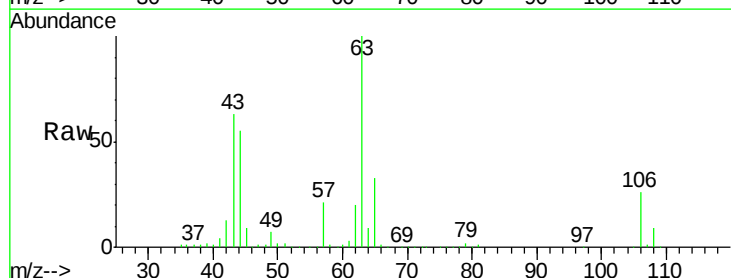
Acq: 03 Mar 2020 11:16

Tgt Ion: 63 Resp: 243674

Ion Ratio Lower Upper

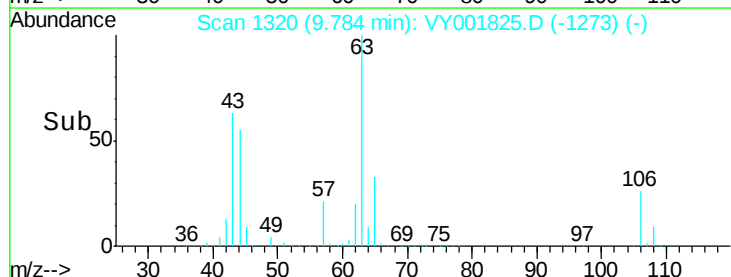
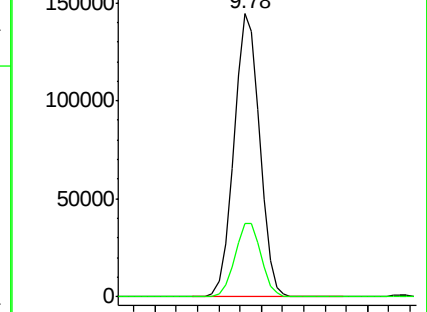
63 100

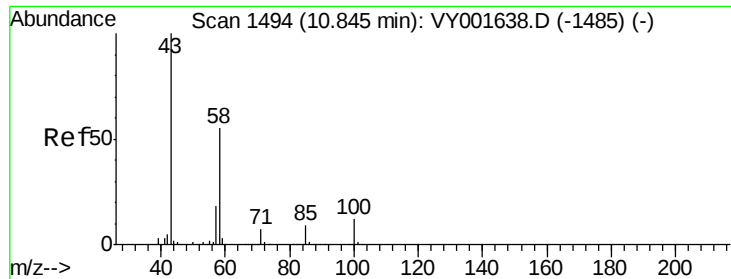
106 26.7 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





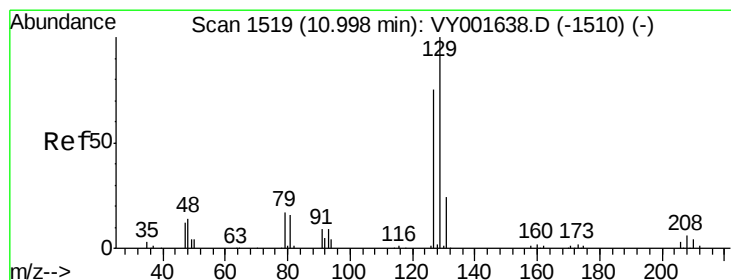
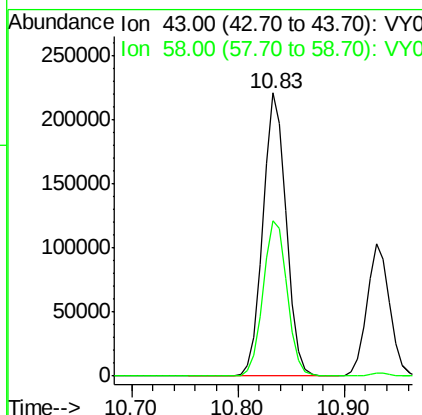
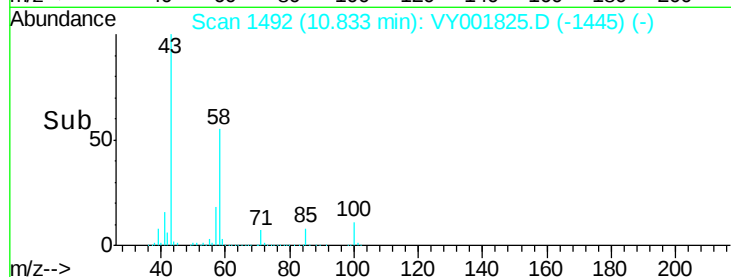
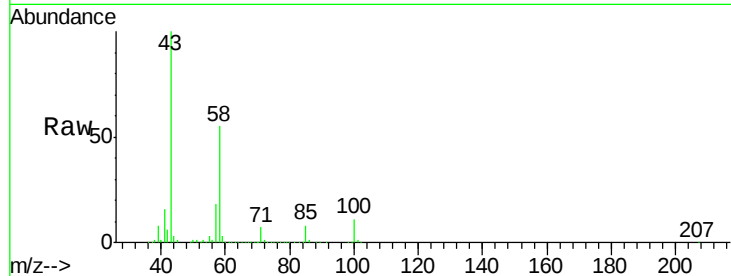
#59
2-Hexanone
Concen: 252.173 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.6	28.4	85.2

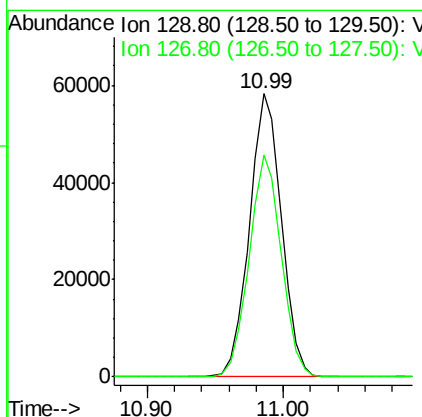
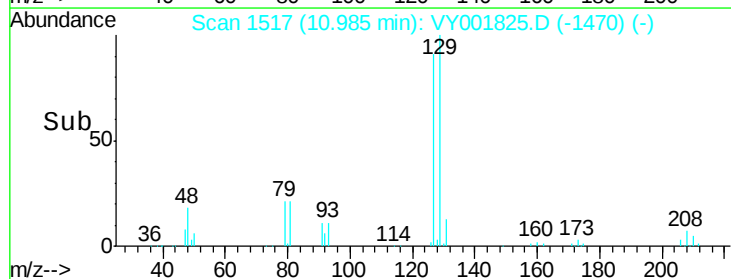
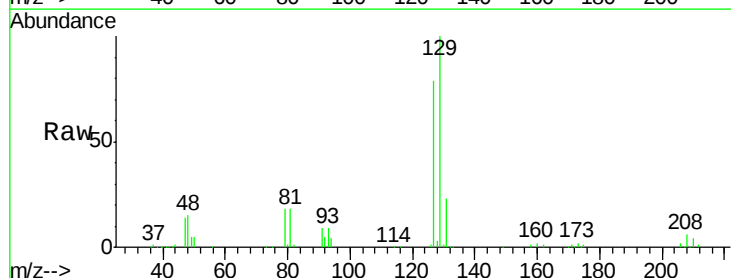
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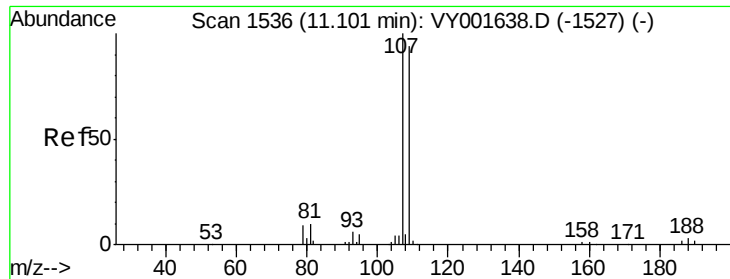
MMDadoda
3/4/2020 2:01:56 PM



#60
Dibromochloromethane
Concen: 49.890 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.9	116.6





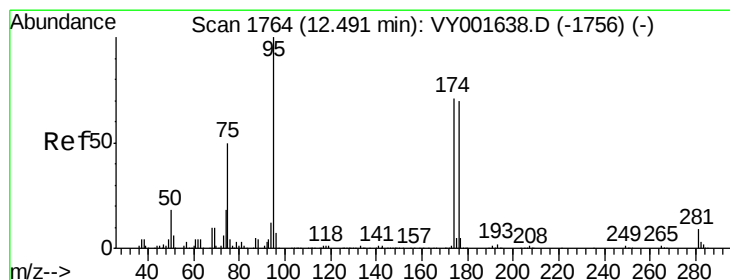
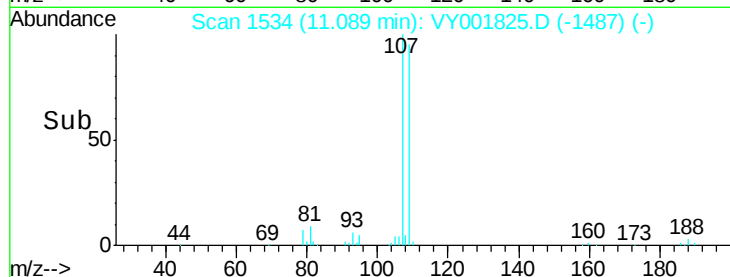
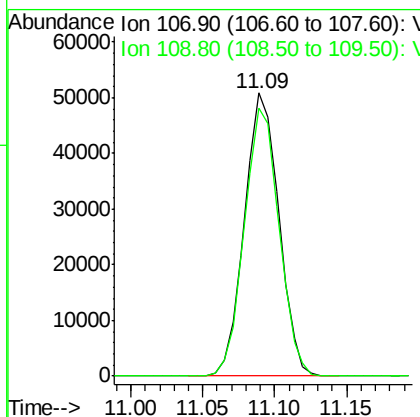
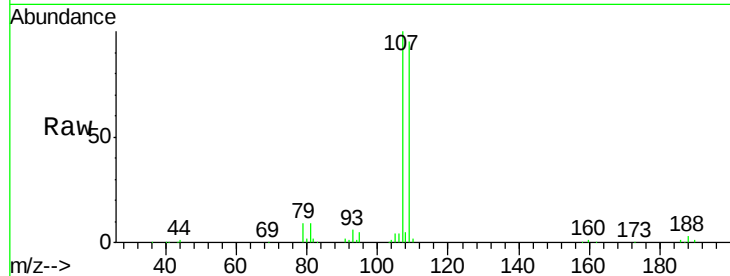
#61
 1,2-Dibromoethane
 Concen: 50.715 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 84031
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.2 111.4

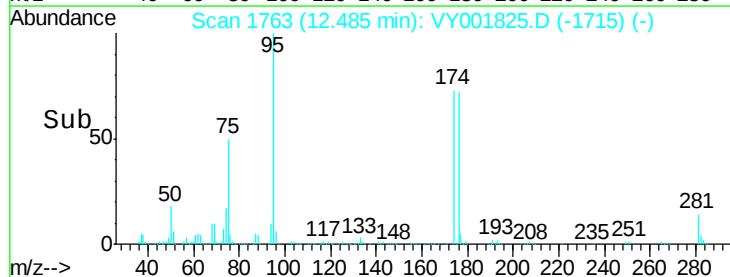
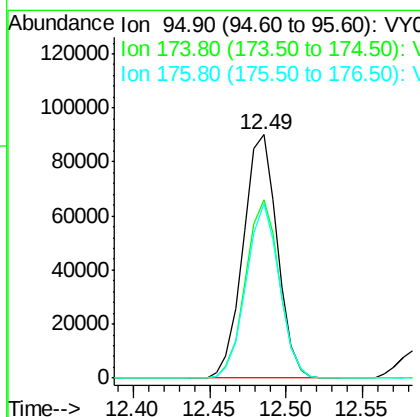
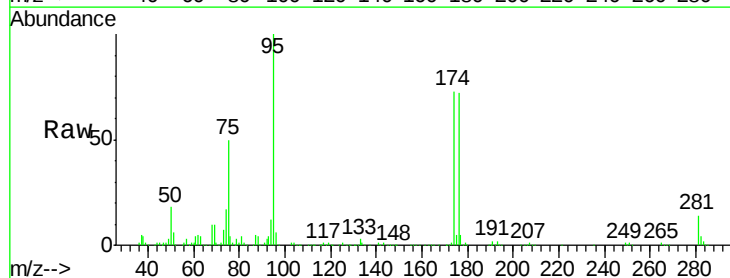
Manual Integrations
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 3/4/2020 2:01:56 PM



#62
 4-Bromofluorobenzene
 Concen: 49.565 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Tgt Ion: 95 Resp: 139539
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 138.4
 176 69.8 0.0 131.8





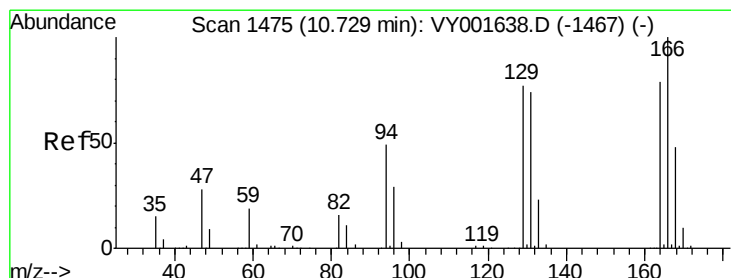
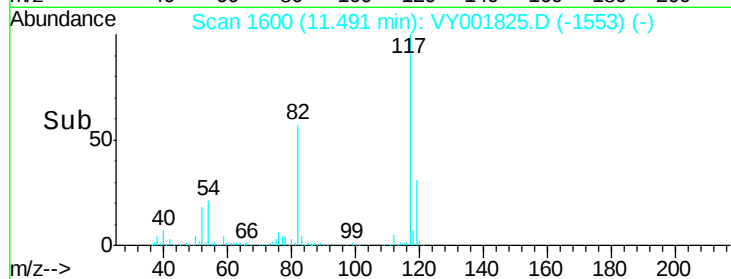
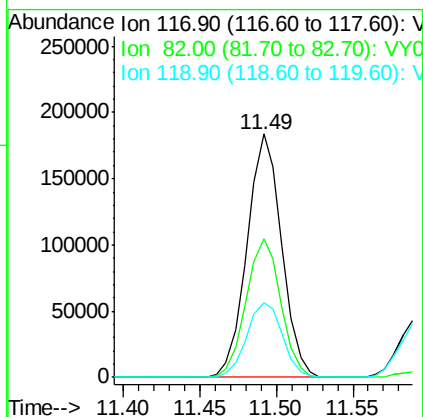
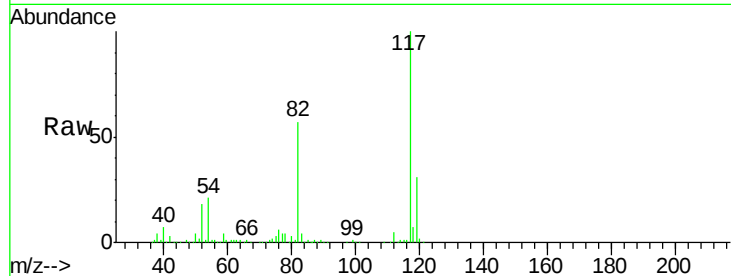
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.5	68.3
119	30.5	25.8	38.6

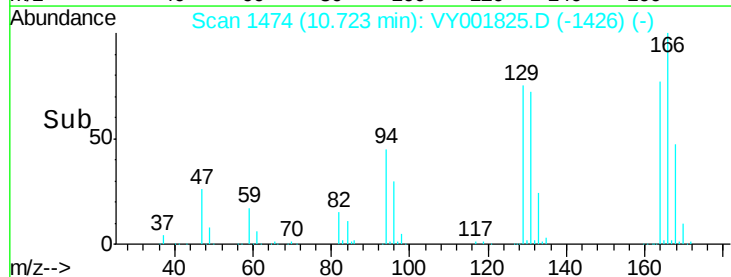
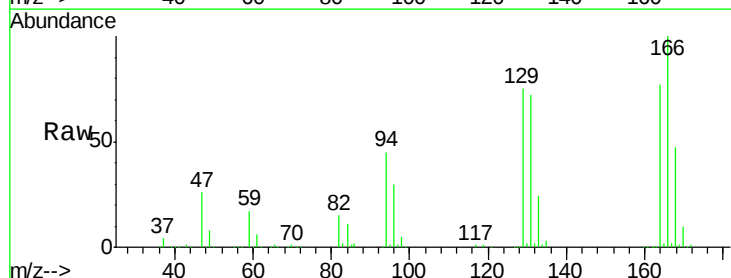
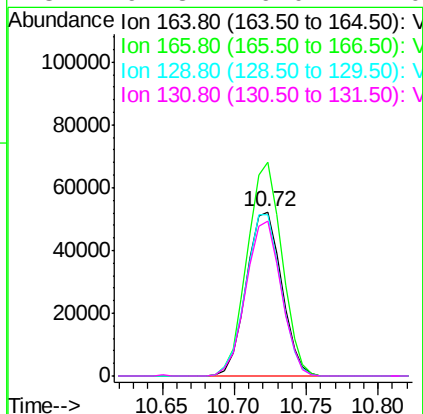
Manual Integrations
APPROVED

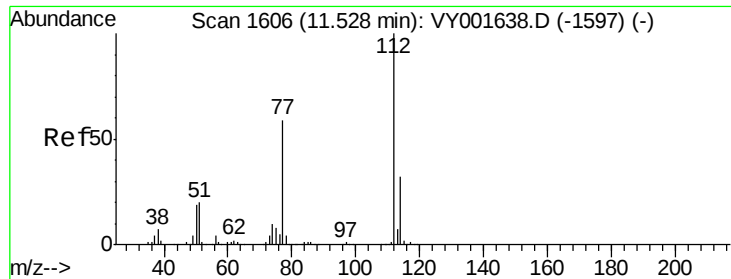
MMDadoda
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#64
Tetrachloroethene
Concen: 48.919 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	101.4	152.0
129	98.2	78.7	118.1
131	94.3	76.0	114.0





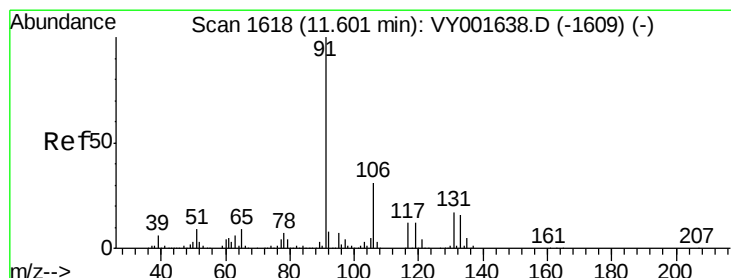
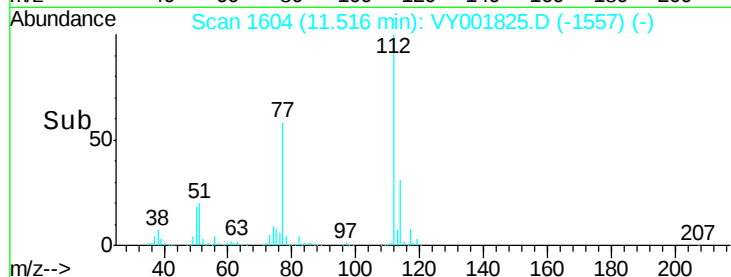
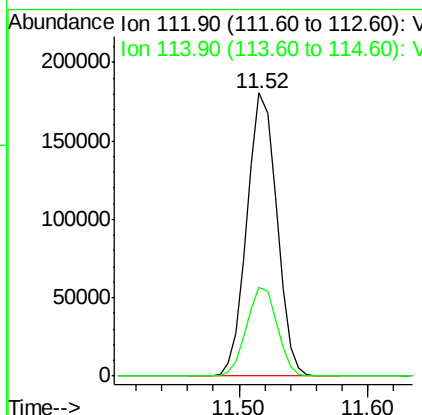
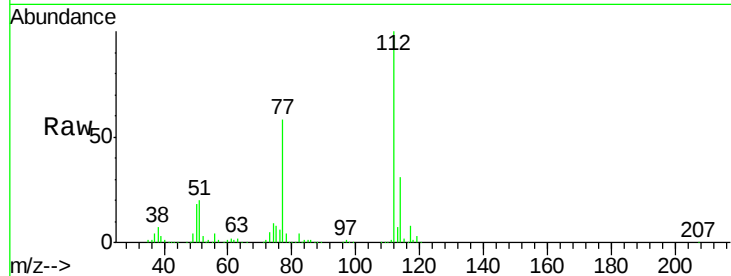
#65
Chlorobenzene
Concen: 50.262 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 289207
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

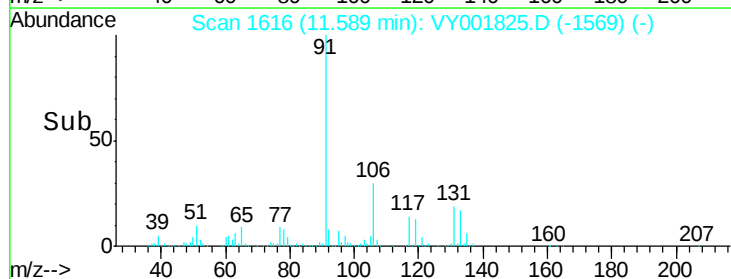
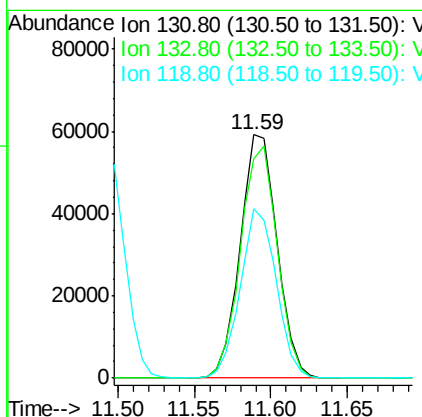
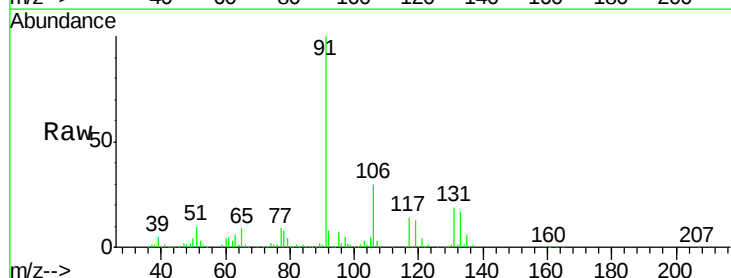
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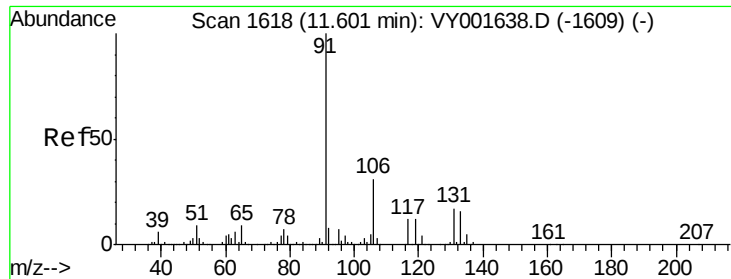
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.151 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion:131 Resp: 99283
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.2
119 67.9 34.4 103.1





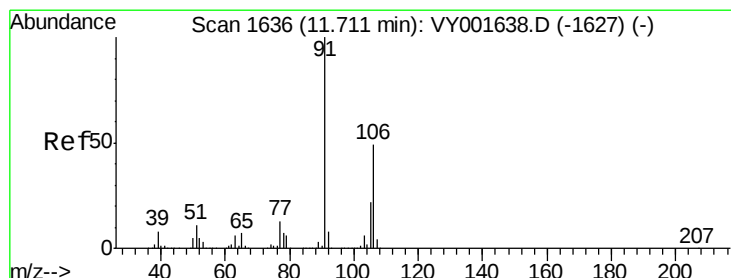
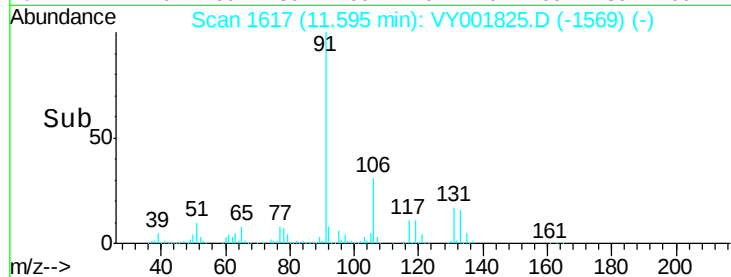
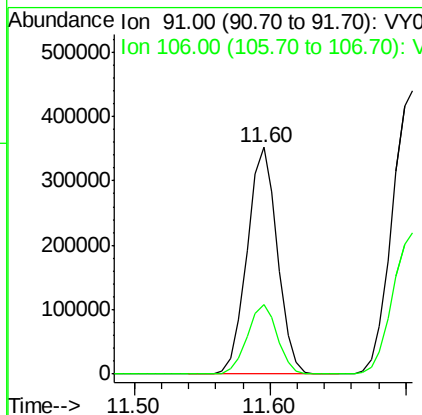
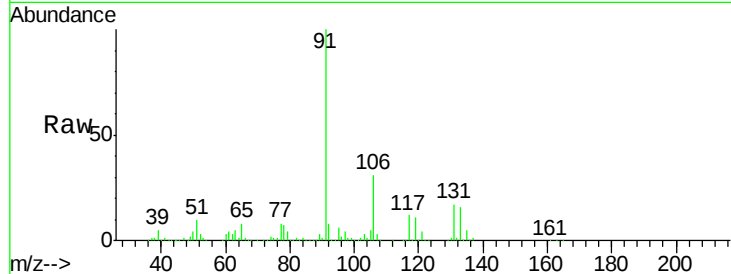
#67
Ethyl Benzene
Concen: 51.225 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 546981
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7

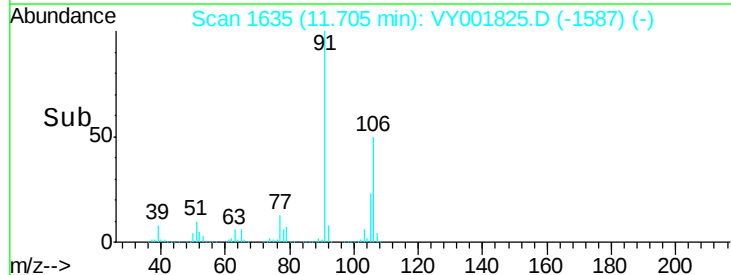
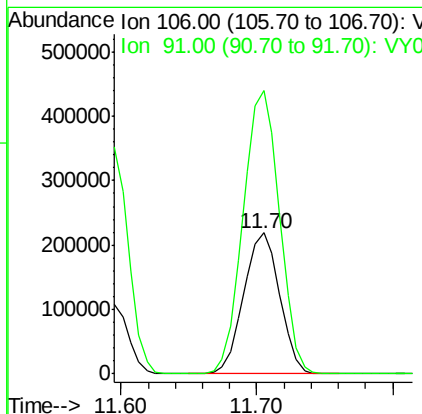
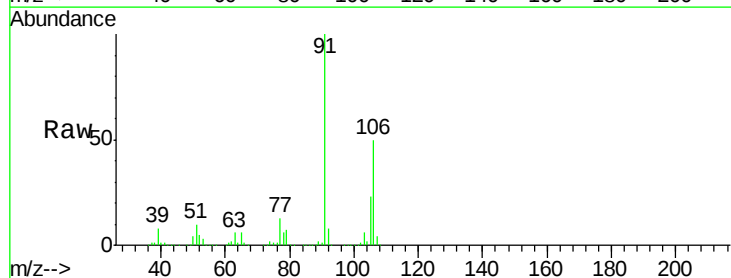
Manual Integrations
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#68
m/p-Xylenes
Concen: 101.570 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion: 106 Resp: 405132
Ion Ratio Lower Upper
106 100
91 203.1 163.3 244.9





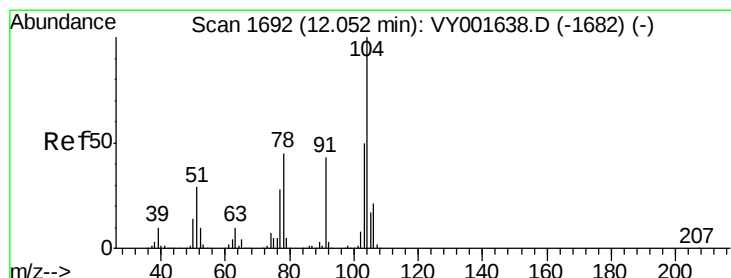
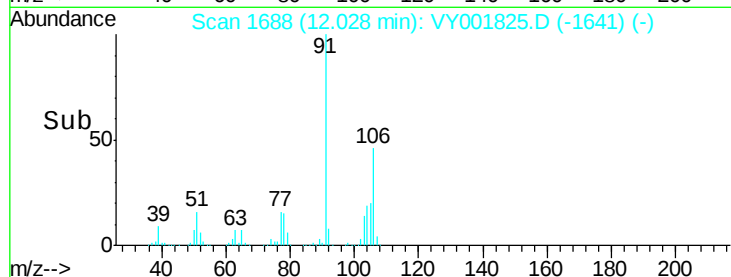
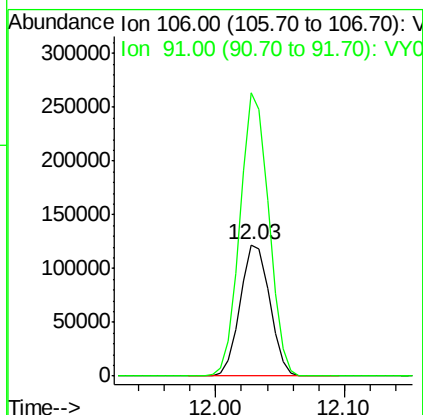
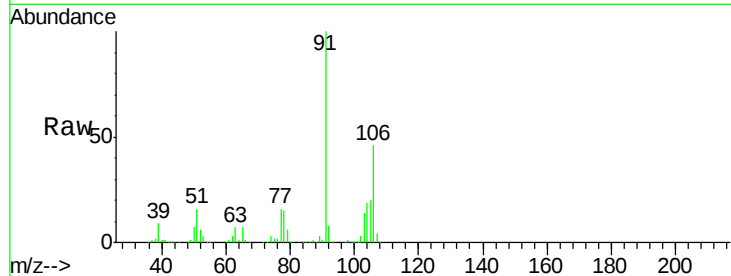
#69
o-Xylene
Concen: 51.068 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	193653		
91	91	210.3	108.3	324.9	

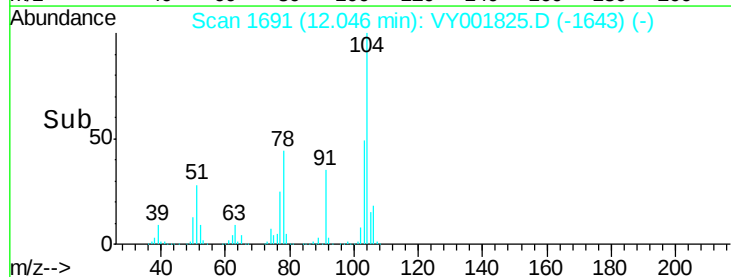
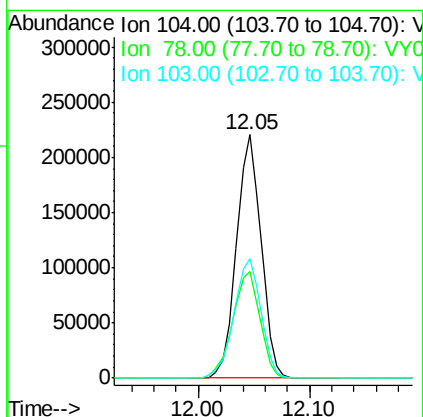
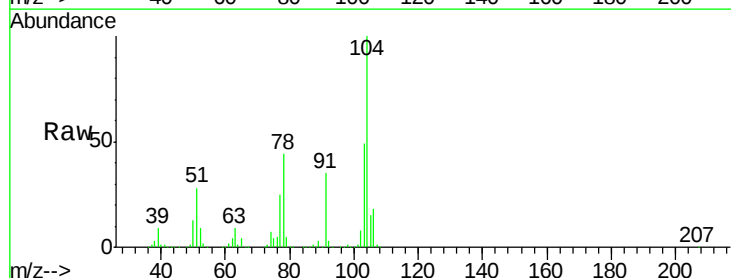
Manual Integrations
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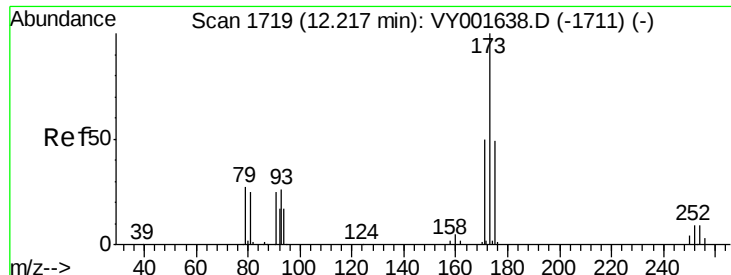
MMDadoda
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#70
Styrene
Concen: 51.067 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	336547		
78	78	48.6	39.2	58.8	
103	103	53.8	43.0	64.6	





#71

Bromoform

Concen: 49.381 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 54775

Ion Ratio Lower Upper

173 100

175 49.6 24.3 73.0

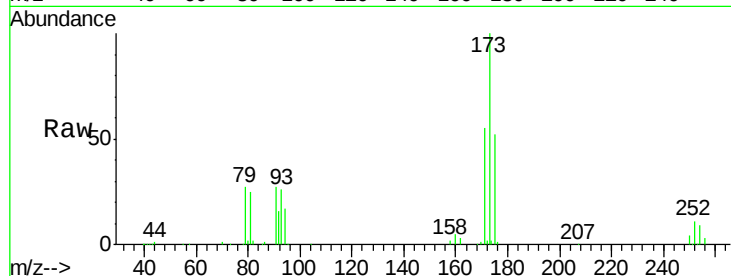
254 0.0 0.1 0.1#

Manual Integrations

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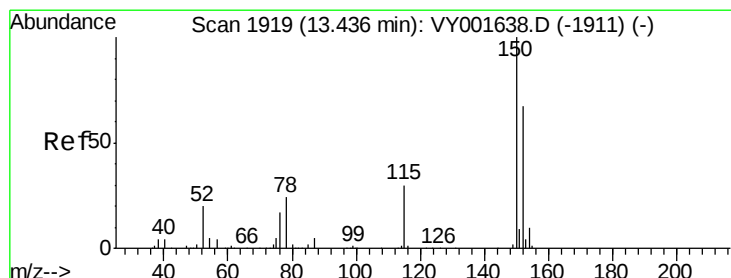
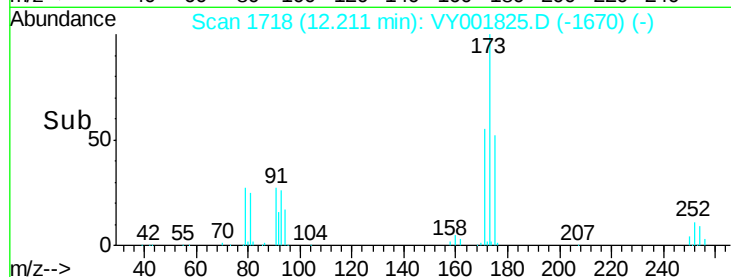
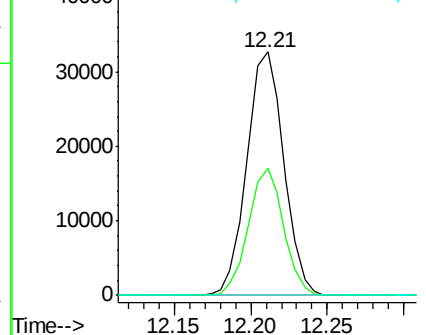
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

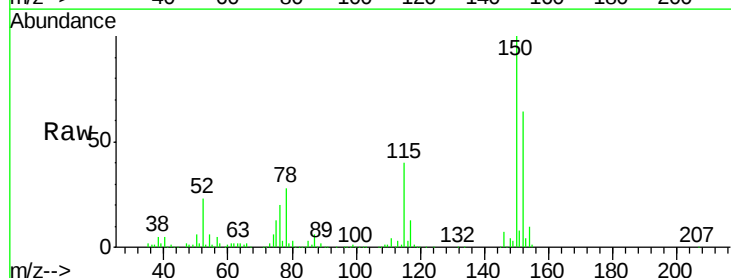
Tgt Ion:152 Resp: 135247

Ion Ratio Lower Upper

152 100

115 61.1 31.4 94.2

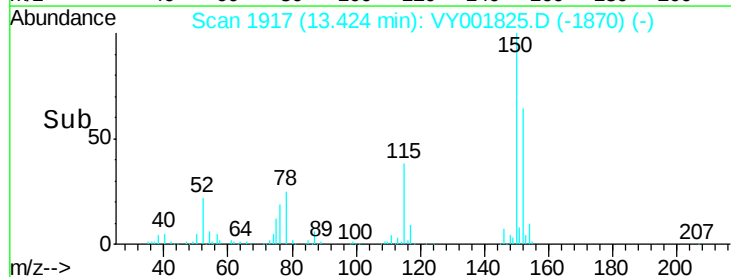
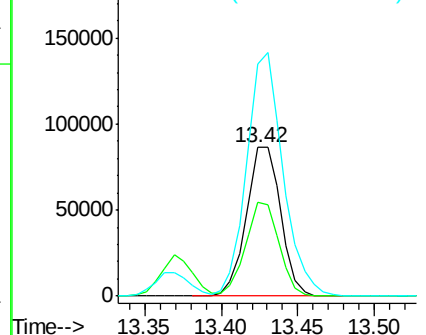
150 172.8 0.0 407.2

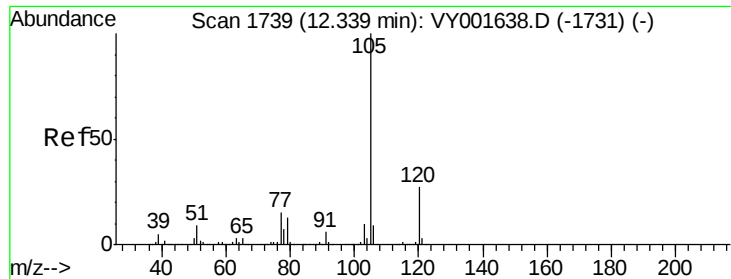


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.689 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 522268

Ion Ratio Lower Upper

105 100

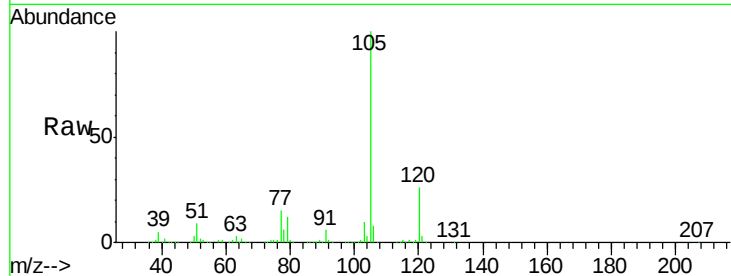
120 26.6 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

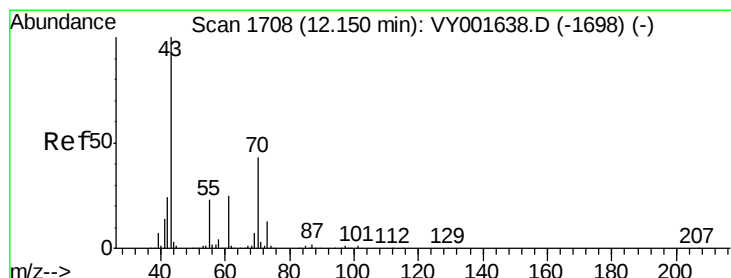
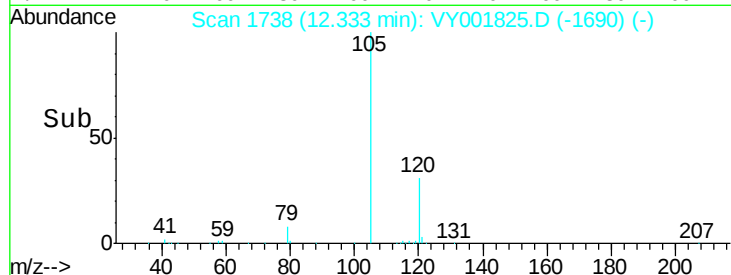
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 49.180 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Tgt Ion: 43 Resp: 161717

Ion Ratio Lower Upper

43 100

70 44.8 35.9 53.9

55 23.7 18.3 27.5

61 25.0 20.7 31.1

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

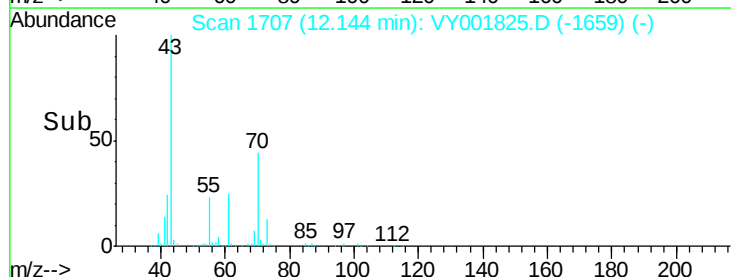
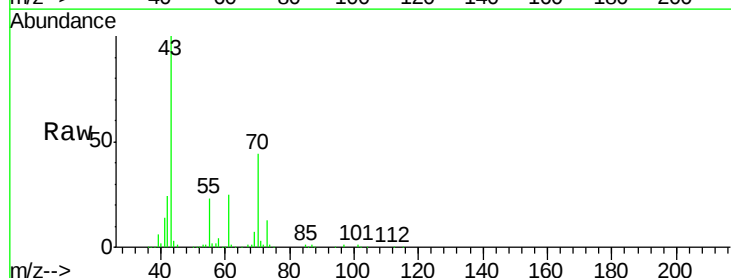
12.14

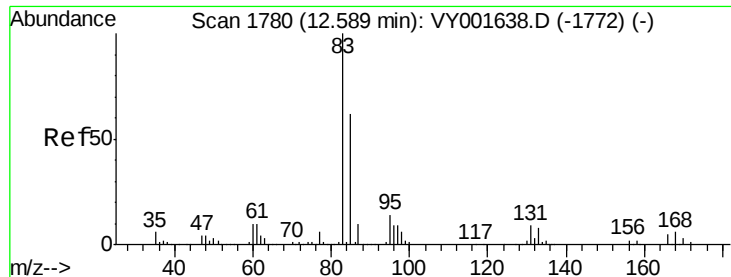
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.952 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Instrument :

MSVOA_Y

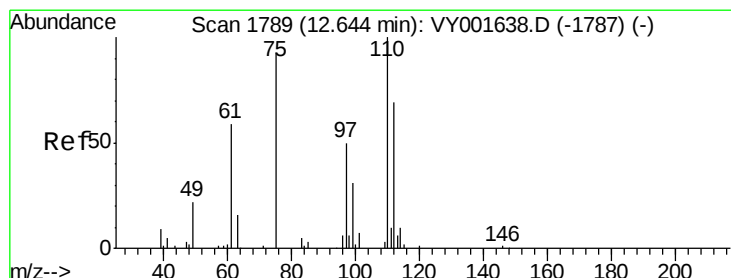
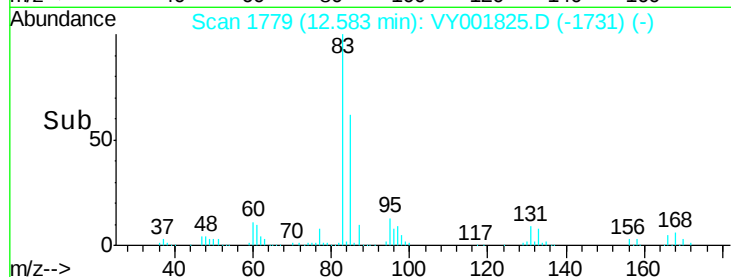
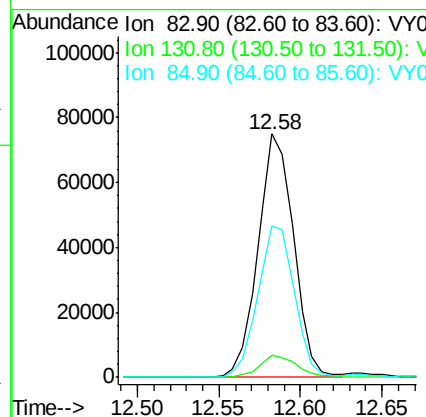
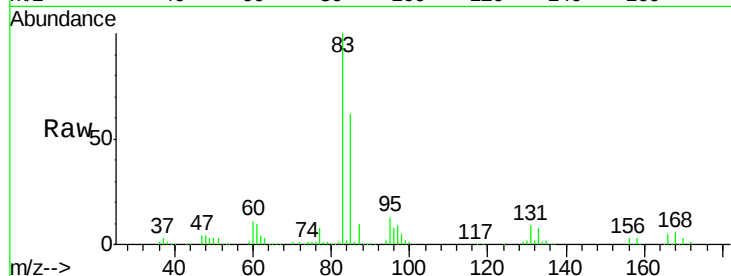
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	114294
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.7	14.1
85	63.9	31.6	94.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 55.185 ug/l m

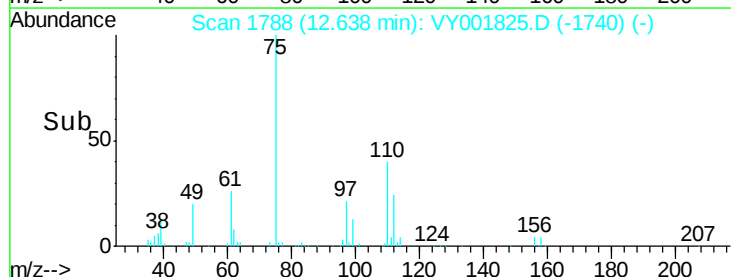
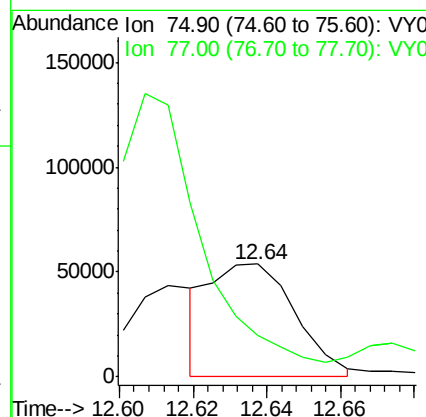
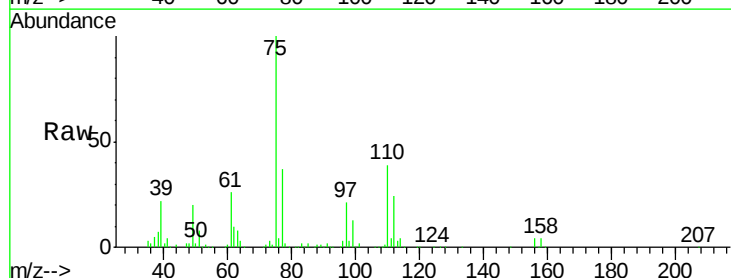
RT: 12.64 min Scan# 1788

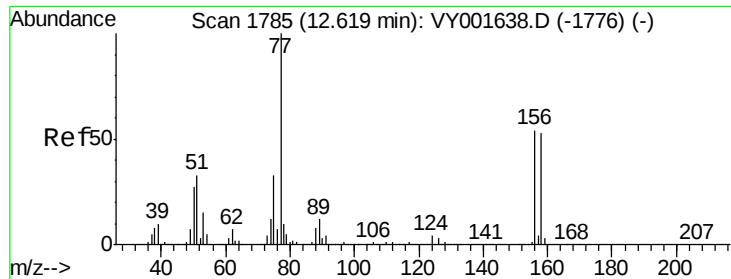
Delta R.T. -0.01 min

Lab File: VY001825.D

Acq: 03 Mar 2020 11:16

Tgt Ion:	75	Resp:	85617
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





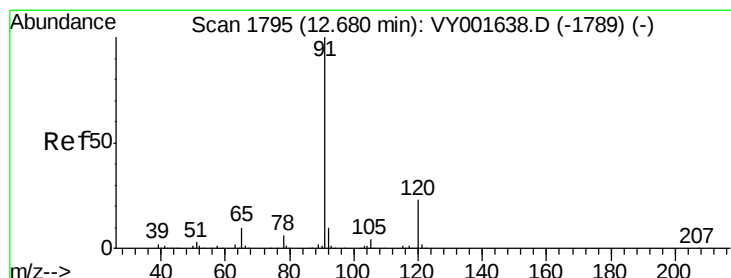
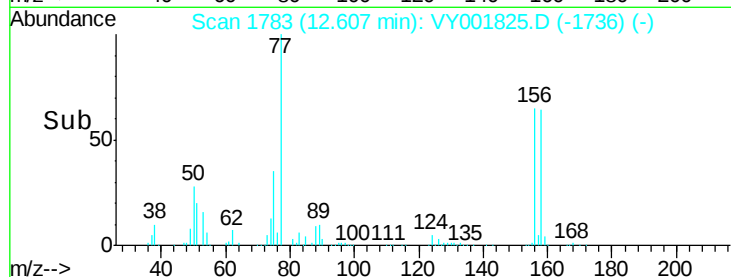
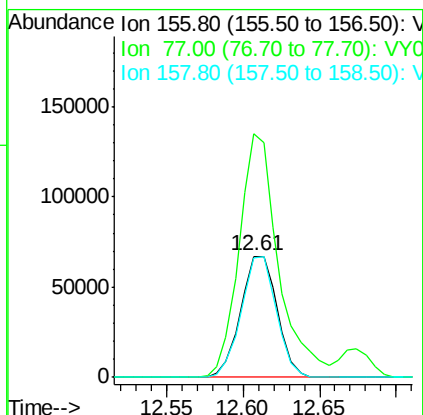
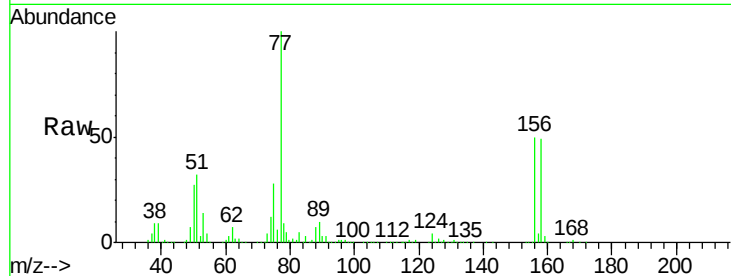
#77
Bromobenzene
Concen: 49.678 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	217.9	110.1	330.1
158	96.5	47.9	143.7

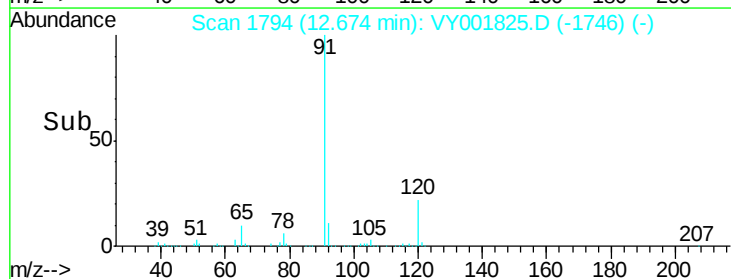
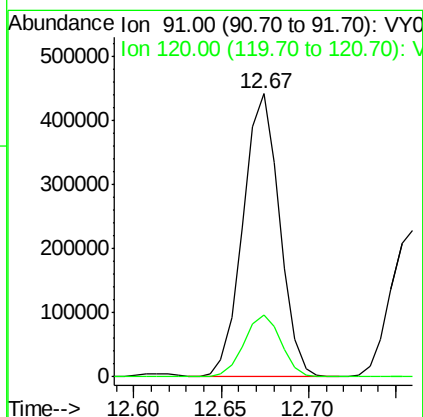
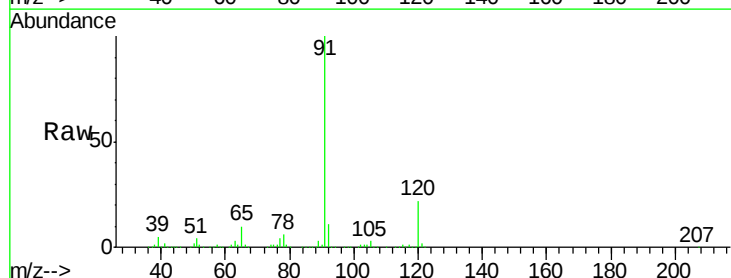
Manual Integrations
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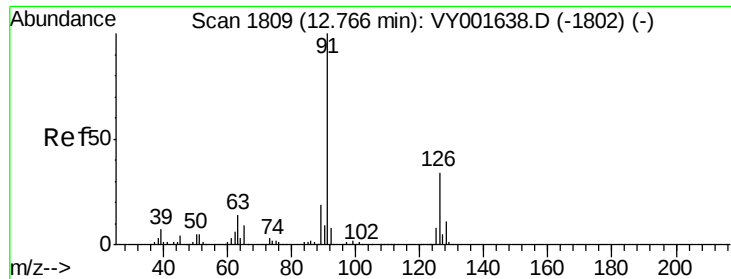
MMDadoda
3/4/2020 2:01:56 PM



#78
n-propylbenzene
Concen: 51.445 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1





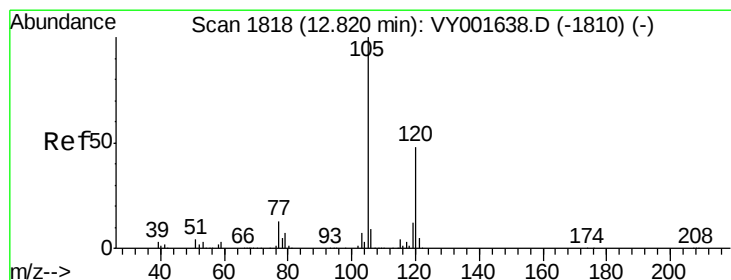
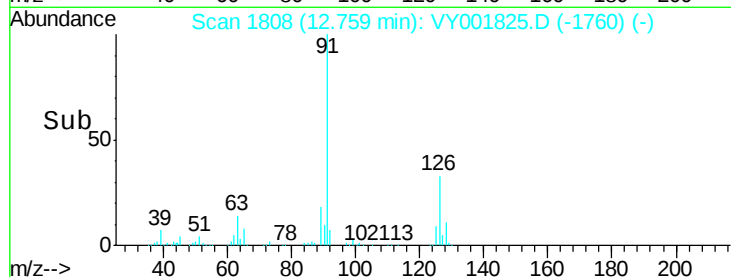
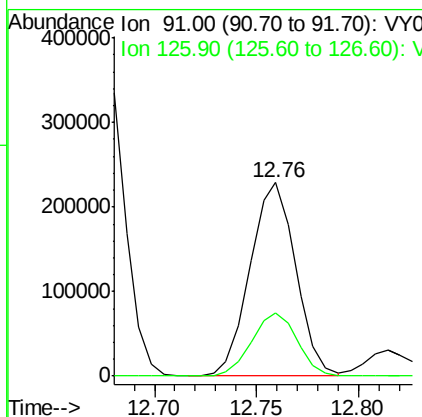
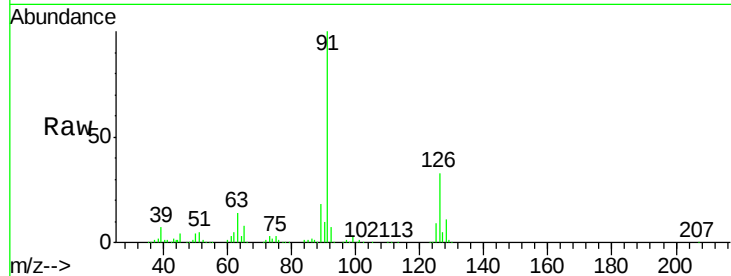
#79
2-Chlorotoluene
Concen: 50.606 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 356170
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6

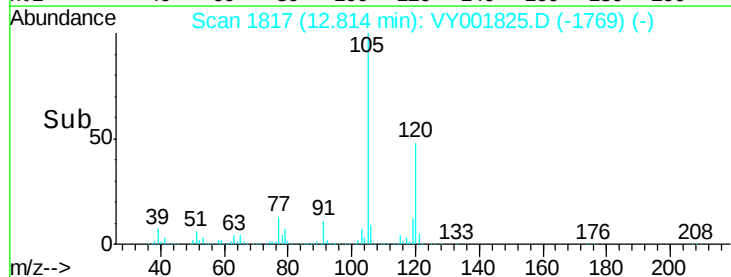
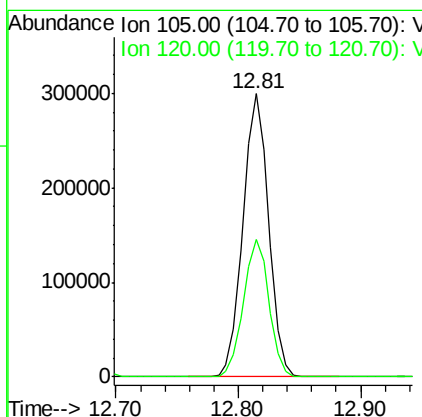
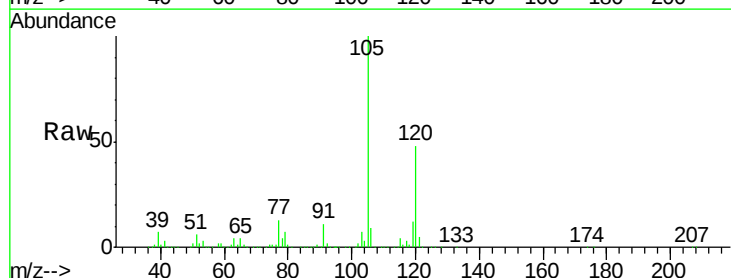
Manual Integrations
APPROVED

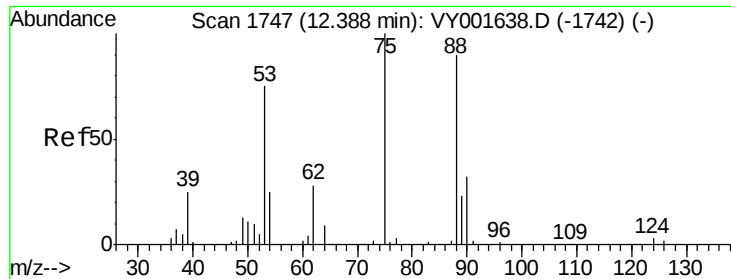
MMDadoda
3/4/2020 2:01:56 PM



#80
1,3,5-Trimethylbenzene
Concen: 50.970 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion: 105 Resp: 434722
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9





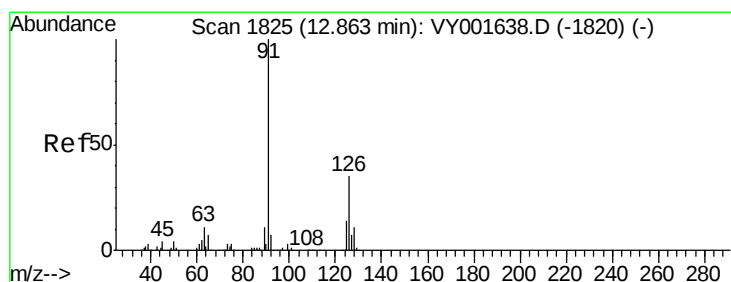
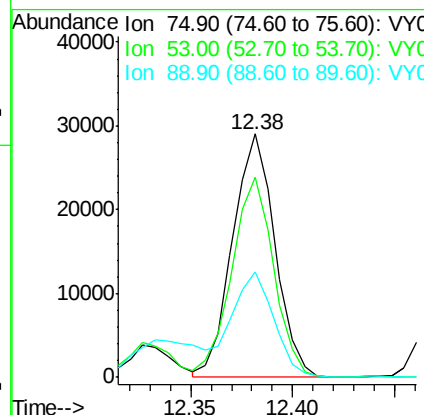
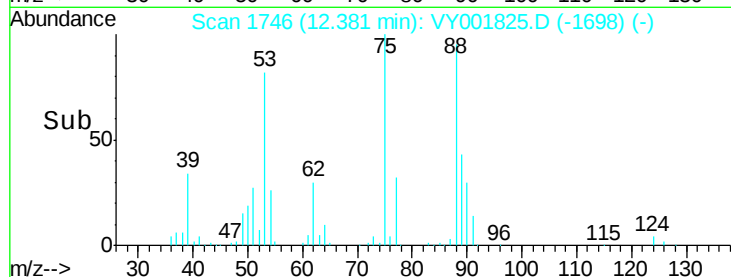
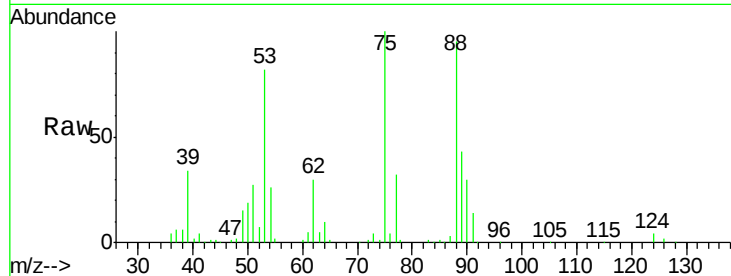
#81
trans-1,4-Dichloro-2-butene
Concen: 50.744 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.5	64.5	96.7
89	43.9	36.3	54.5

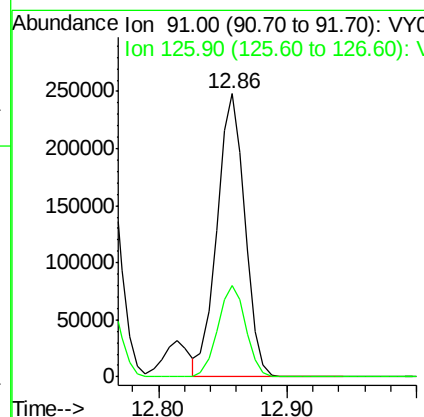
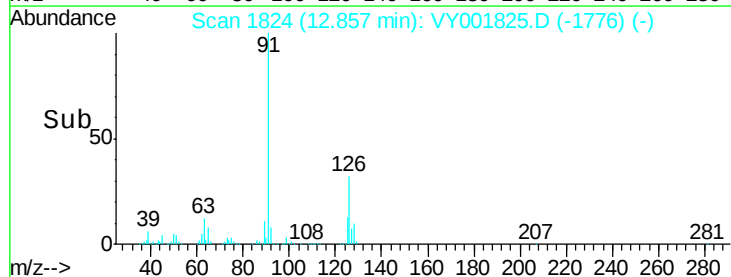
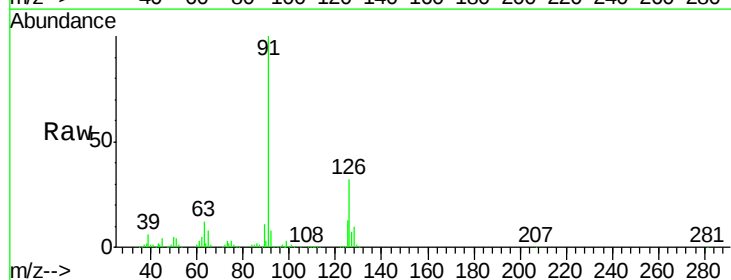
Manual Integrations
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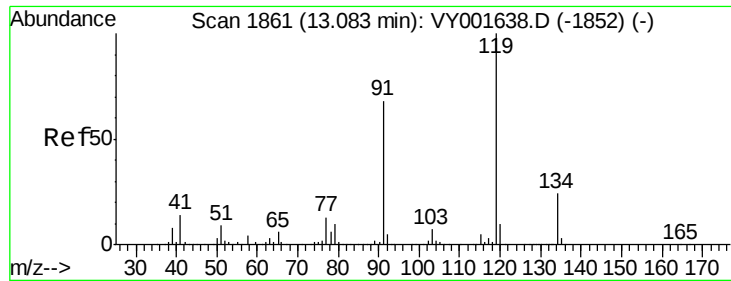
MMDadoda
3/4/2020 2:01:56 PM



#82
4-Chlorotoluene
Concen: 50.769 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.2	48.6





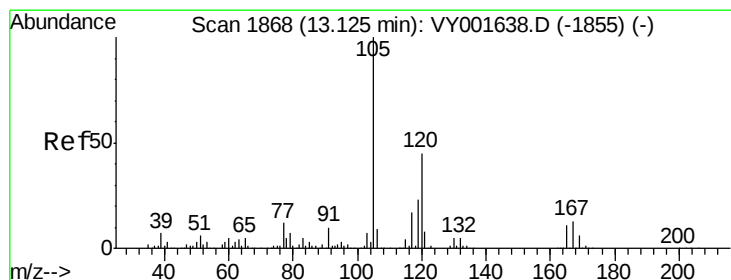
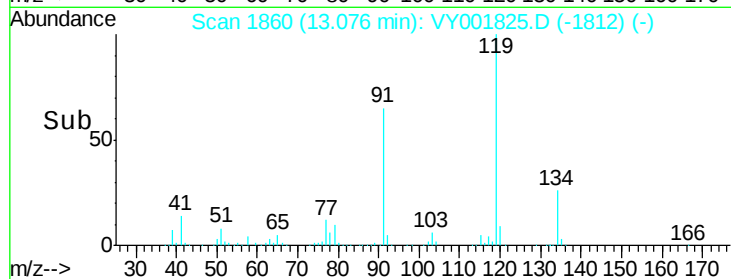
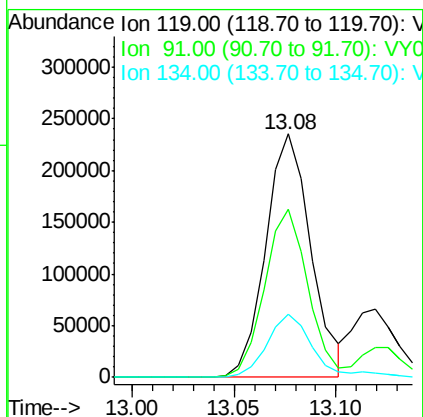
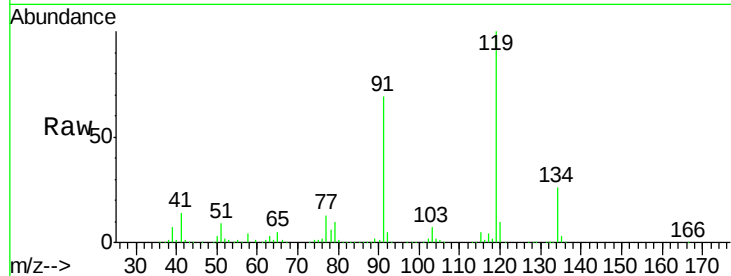
#83
tert-Butylbenzene
Concen: 50.887 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.0	33.5	100.5
134	26.4	13.3	39.8

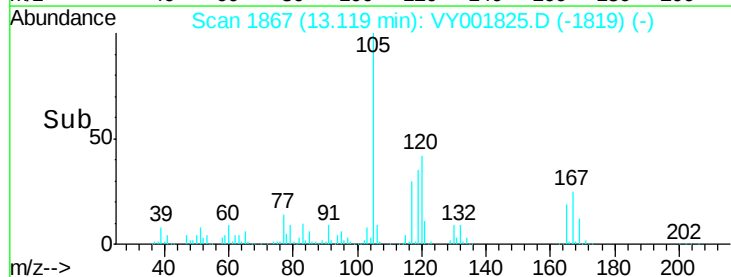
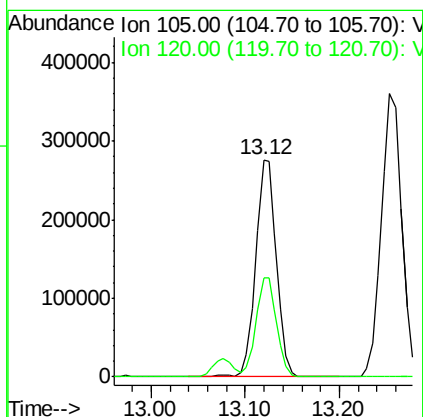
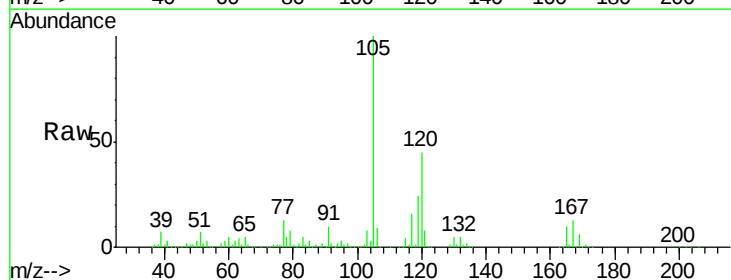
Manual Integrations
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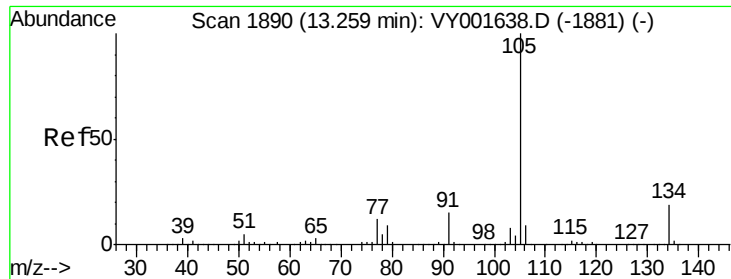
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#84
1,2,4-Trimethylbenzene
Concen: 50.220 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.4	67.3





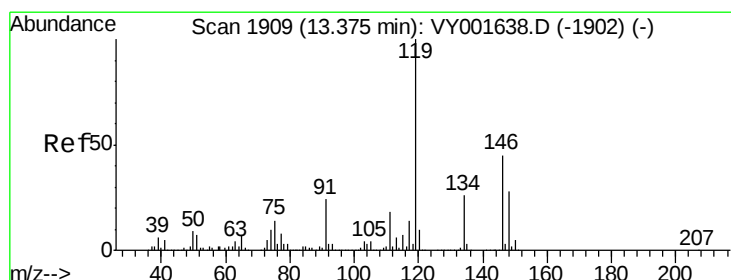
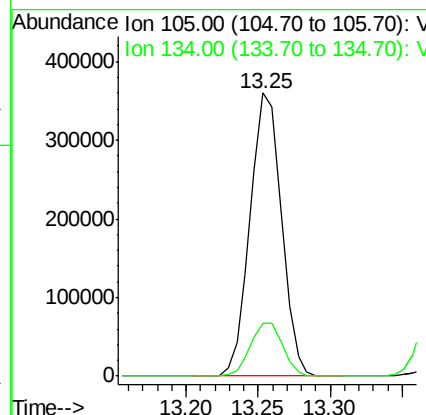
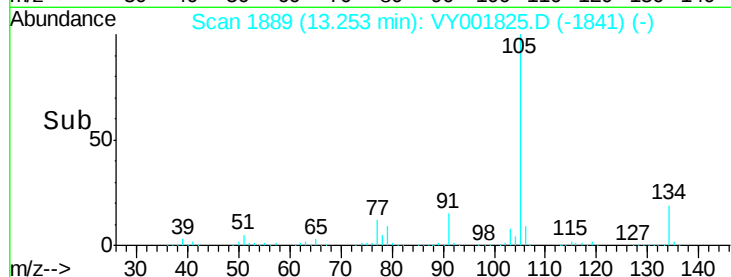
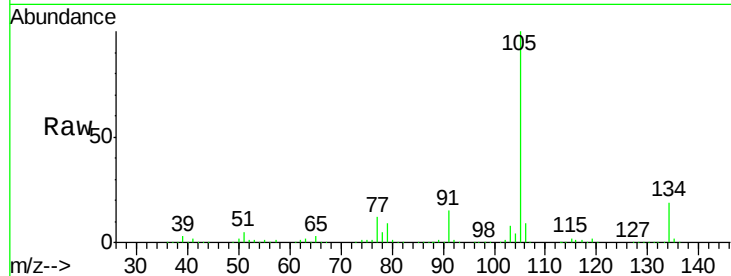
#85
 sec-Butylbenzene
 Concen: 51.645 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.3

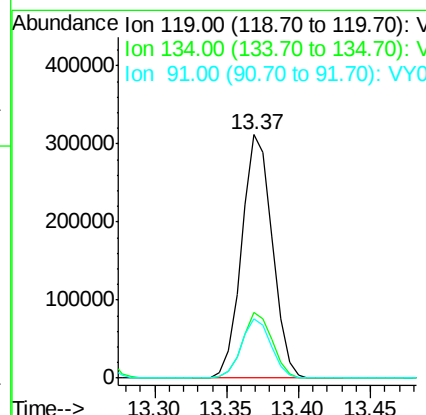
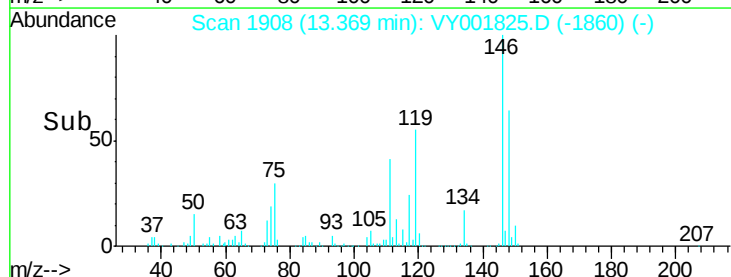
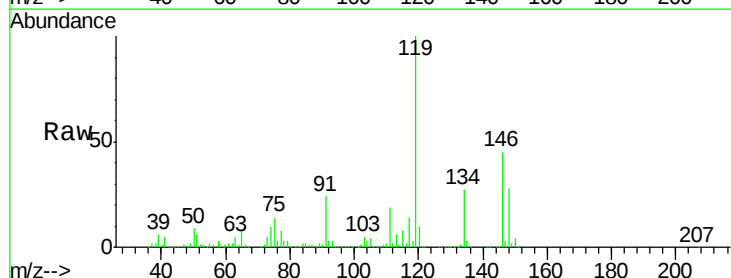
Manual Integrations
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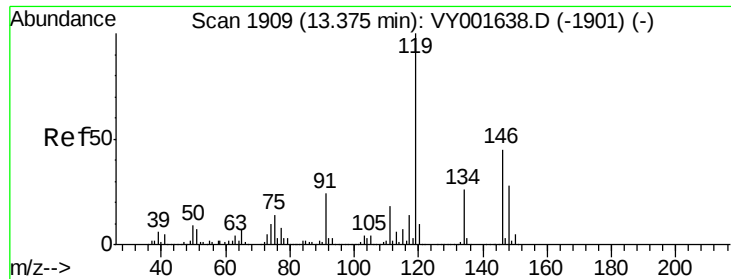
MMDadoda
 3/4/2020 2:01:56 PM



#86
 p-Isopropyltoluene
 Concen: 50.392 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.0	39.0
91	23.8	12.2	36.6





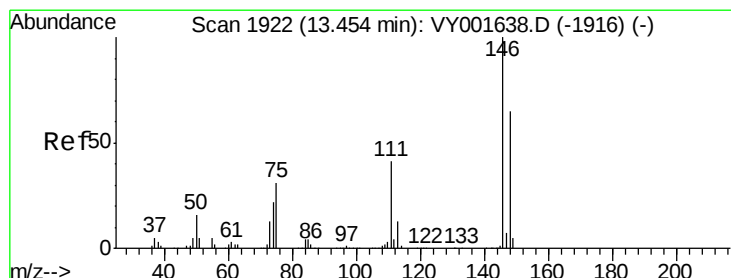
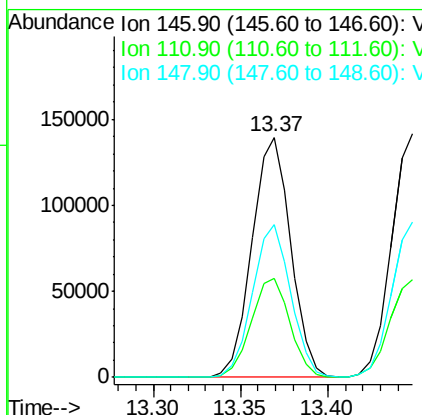
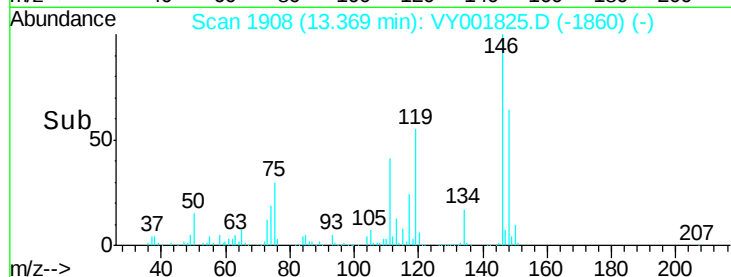
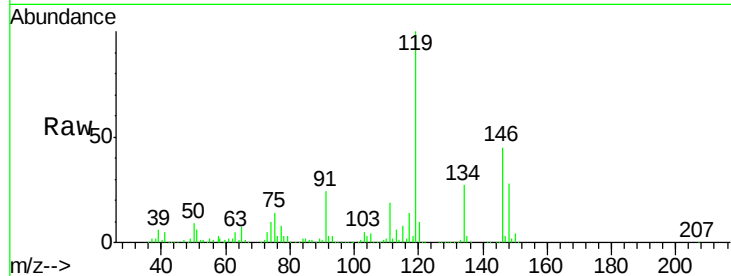
#87
 1,3-Dichlorobenzene
 Concen: 49.952 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.4	64.3
148	62.8	31.6	94.7

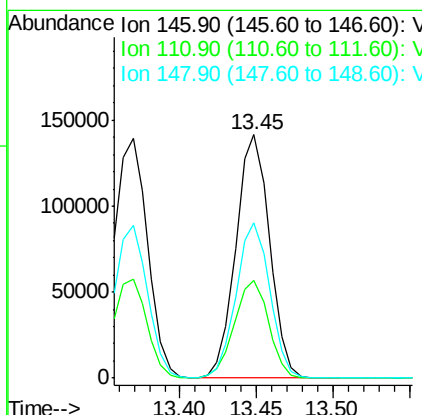
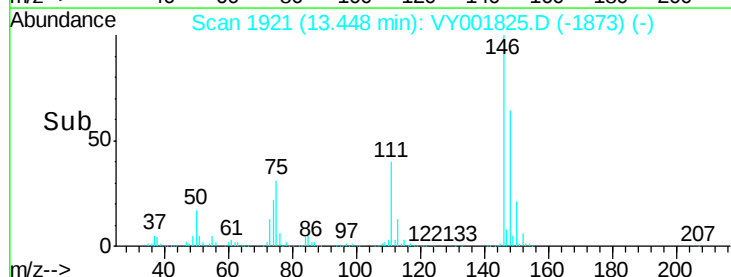
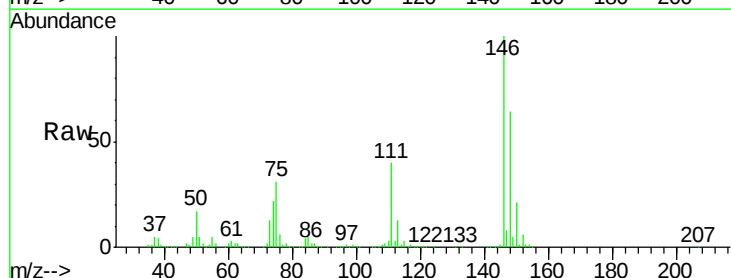
Manual Integrations
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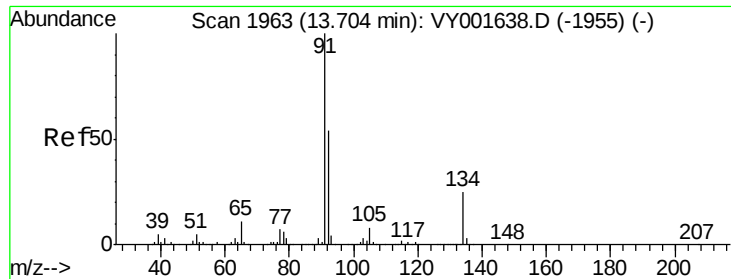
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#88
 1,4-Dichlorobenzene
 Concen: 49.561 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.3
148	63.8	31.6	94.7





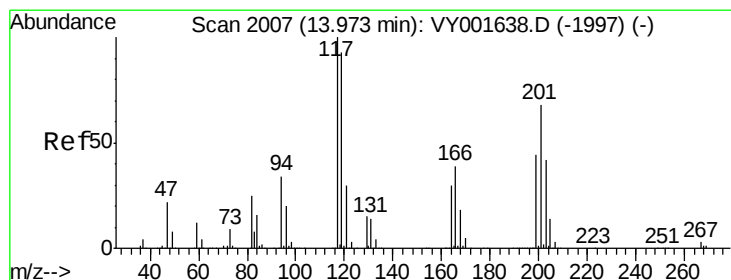
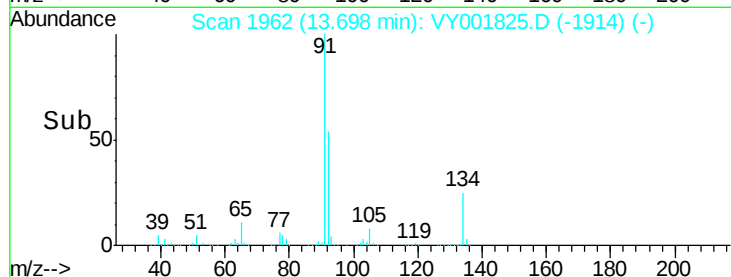
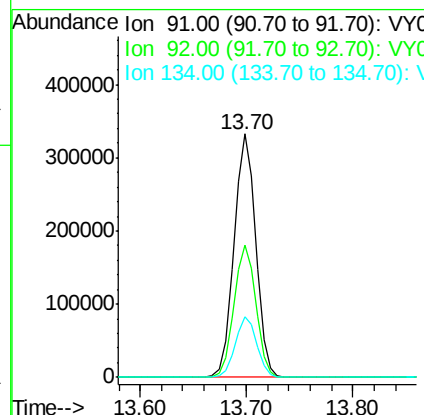
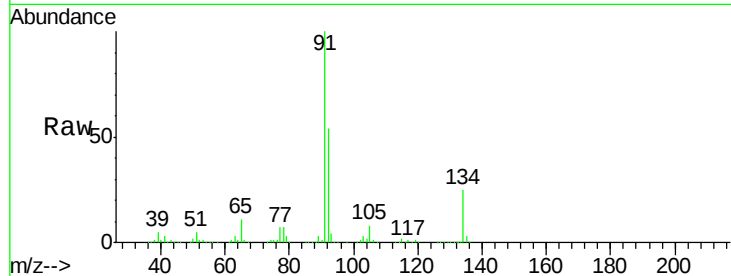
#89
n-Butylbenzene
Concen: 51.083 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.5	82.4
134	24.6	12.4	37.4

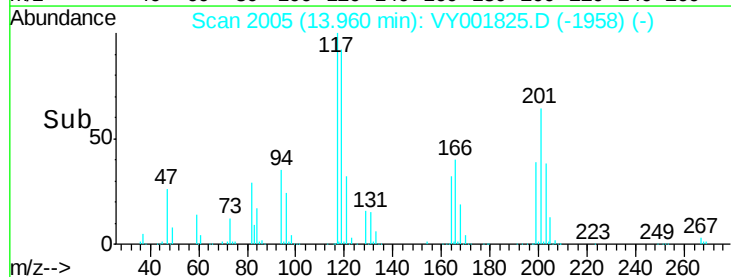
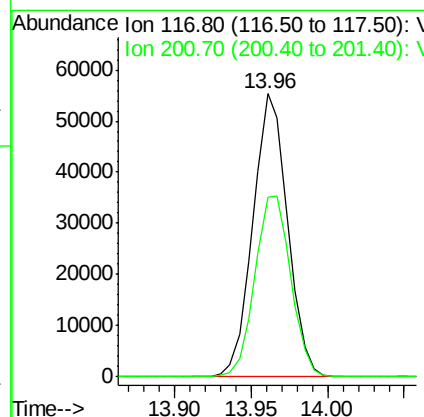
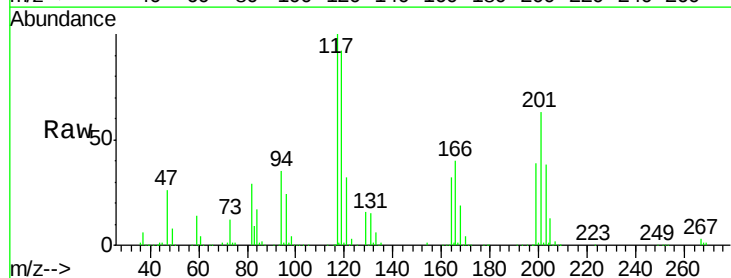
Manual Integrations
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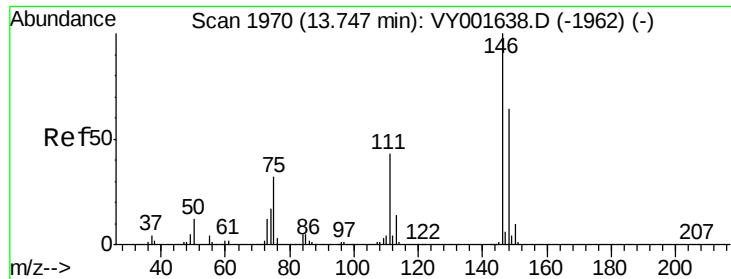
MMDadoda
3/4/2020 2:01:56 PM



#90
Hexachloroethane
Concen: 50.783 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.3	32.5	97.4





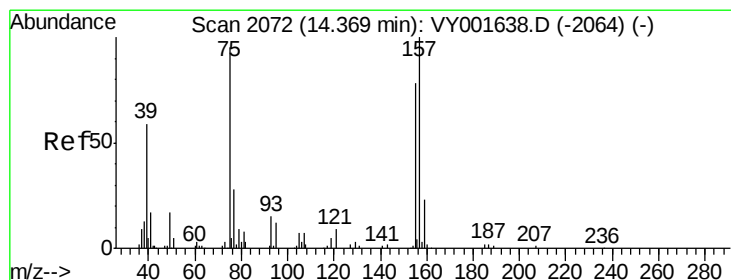
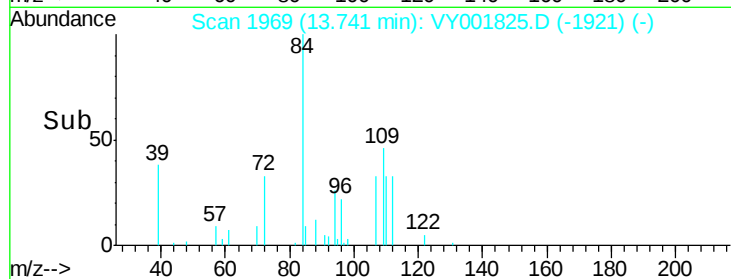
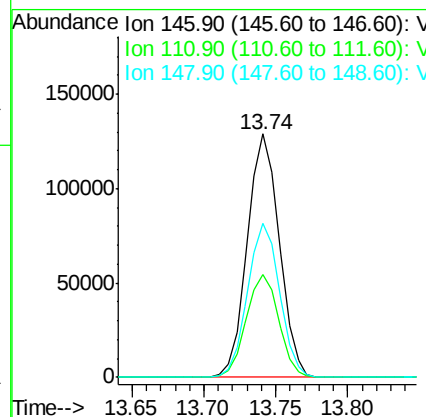
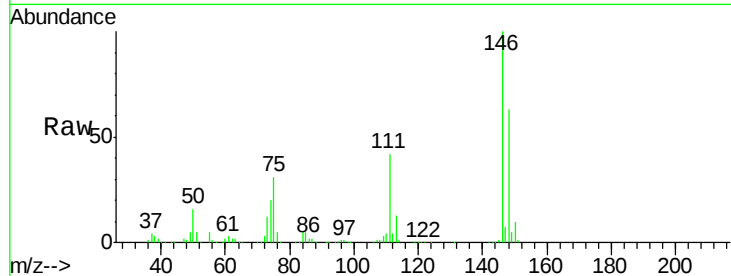
#91
1,2-Dichlorobenzene
Concen: 49.568 ug/l
RT: 13.74 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	198153		
111	42.9	21.9	65.7	
148	63.5	31.5	94.5	

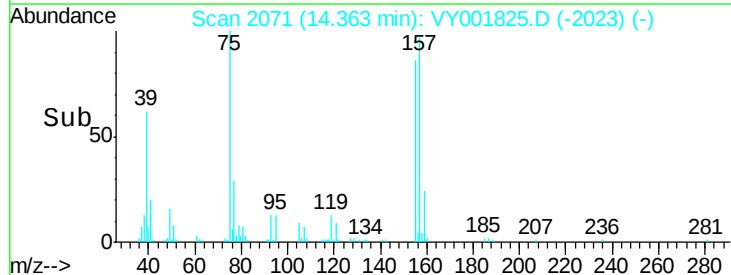
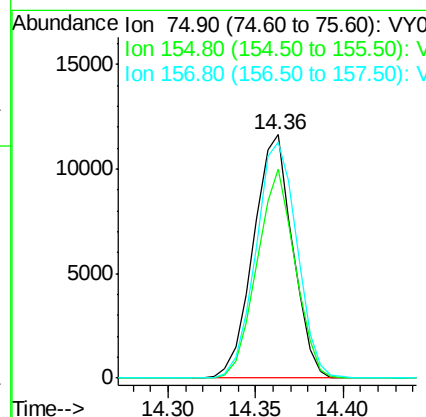
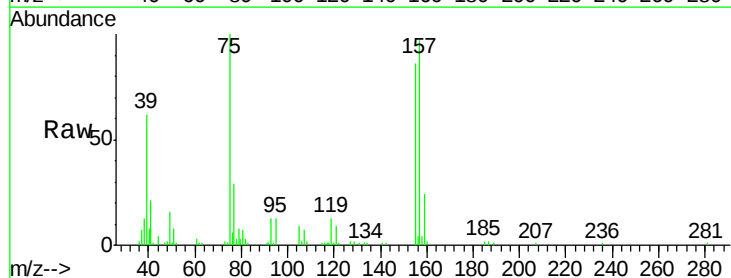
Manual Integrations
APPROVED

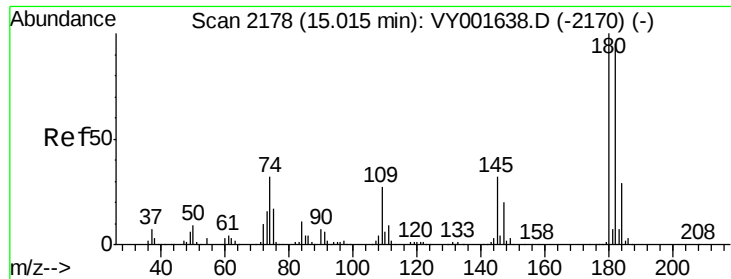
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#92
1,2-Dibromo-3-Chloropropane
Concen: 49.954 ug/l
RT: 14.36 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18137		
155	83.1	40.8	122.4	
157	101.2	52.1	156.4	





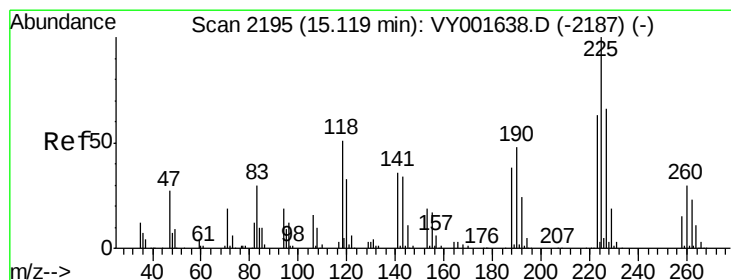
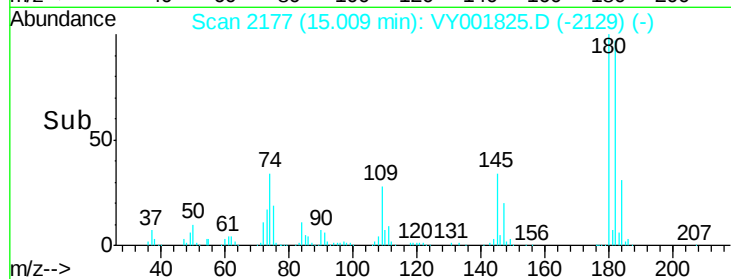
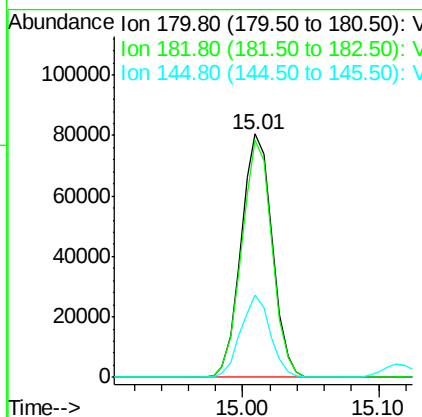
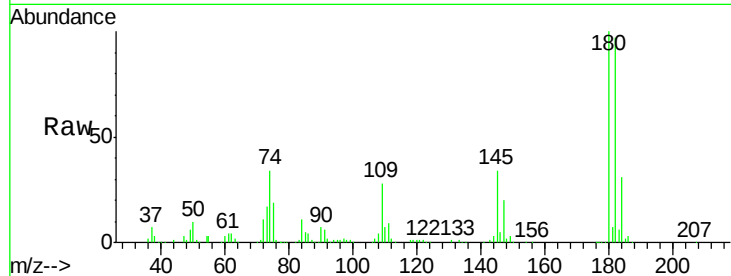
#93
 1,2,4-Trichlorobenzene
 Concen: 48.608 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	128770		
182	95.0	46.8	140.3	
145	32.2	16.2	48.5	

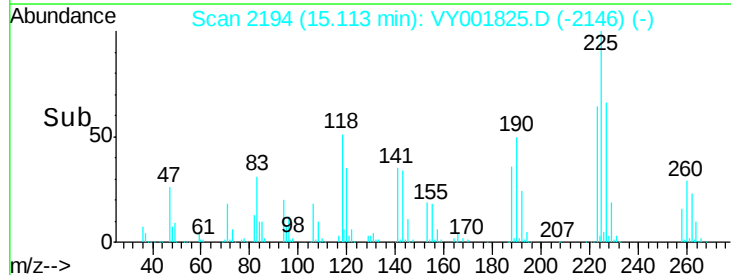
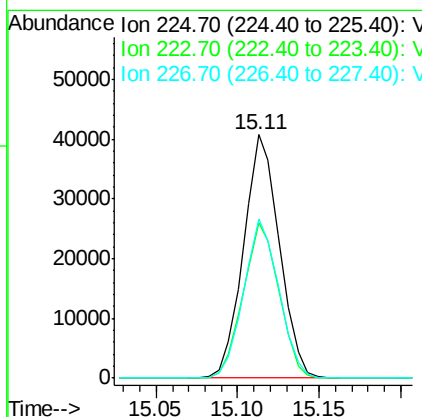
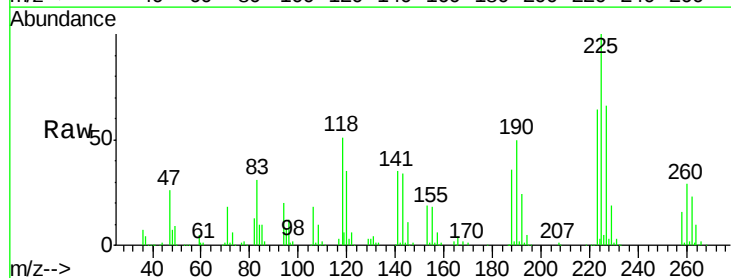
Manual Integrations
 APPROVED

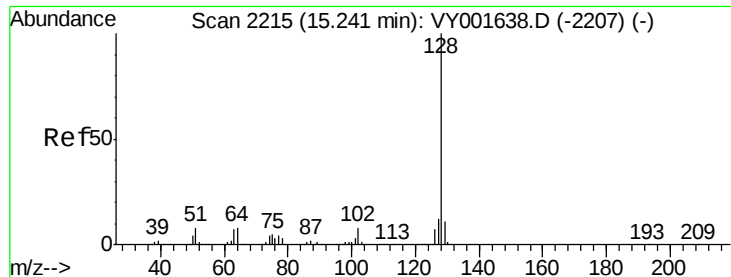
MMDadoda
 3/4/2020 2:01:56 PM



#94
 Hexachlorobutadiene
 Concen: 47.245 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY001825.D
 Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62245		
223	63.9	31.4	94.0	
227	64.6	31.6	94.8	





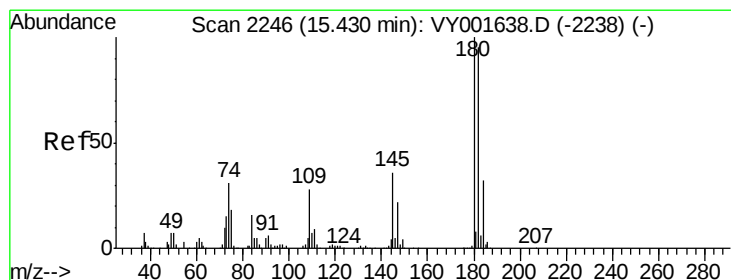
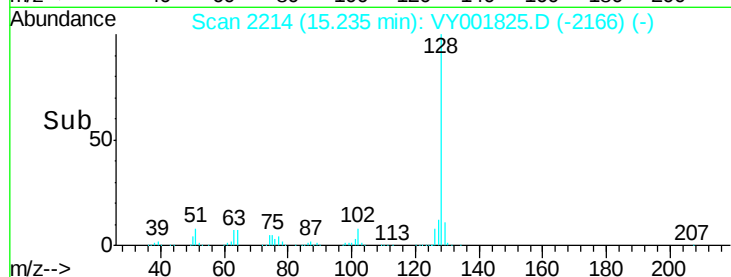
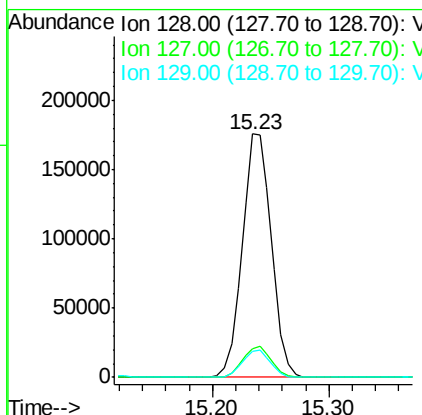
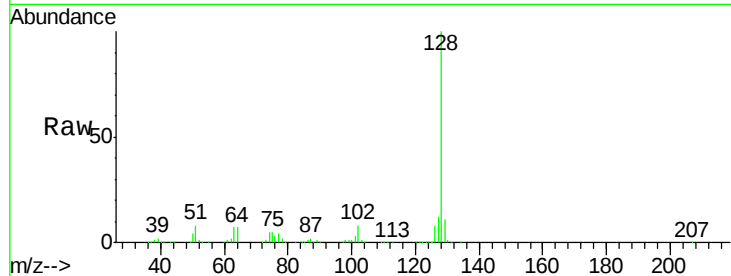
#95
Naphthalene
Concen: 49.777 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	304046		
127	12.6		9.9	14.9
129	10.9		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/4/2020 2:01:56 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.964 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001825.D
Acq: 03 Mar 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	114118		
182	93.6		47.2	141.6
145	33.7		17.3	52.0

