

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003228.D
 Acq On : 20 Jul 2020 12:54
 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

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 7/21/2020 4:58:49 PM

Quant Time: Jul 21 04:20:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	436486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	636207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	580034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	306770	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	183601	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
35) Dibromofluoromethane	7.72	113	172488	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	10.18	98	639564	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
62) 4-Bromofluorobenzene	12.48	95	232303	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	142218	45.460	ug/l	98
3) Chloromethane	2.12	50	216339	49.855	ug/l	98
4) Vinyl Chloride	2.26	62	219250	49.244	ug/l	98
5) Bromomethane	2.65	94	157940	47.759	ug/l	98
6) Chloroethane	2.80	64	142855	48.851	ug/l	97
7) Trichlorofluoromethane	3.13	101	316107	49.716	ug/l	98
8) Diethyl Ether	3.53	74	103941	48.784	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.90	101	189687	49.396	ug/l	98
10) Methyl Iodide	4.10	142	199774	47.884	ug/l	98
11) Tert butyl alcohol	4.96	59	90151	226.301	ug/l	100
12) 1,1-Dichloroethene	3.88	96	181600	49.998	ug/l	95
13) Acrolein	3.74	56	79439	229.744	ug/l	97
14) Allyl chloride	4.49	41	320601	59.486	ug/l	94
15) Acrylonitrile	5.17	53	266042	259.940	ug/l	98
16) Acetone	3.95	43	242269	294.403	ug/l	100
17) Carbon Disulfide	4.20	76	566598	50.837	ug/l	99
18) Methyl Acetate	4.48	43	125425	54.882	ug/l	93
19) Methyl tert-butyl Ether	5.22	73	512852	50.385	ug/l	99
20) Methylene Chloride	4.72	84	216740	52.637	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	205850	50.108	ug/l	90
22) Diisopropyl ether	6.12	45	676771	56.580	ug/l	98
23) Vinyl Acetate	6.07	43	2217152	278.100	ug/l	97
24) 1,1-Dichloroethane	6.02	63	368481	53.174	ug/l	98
25) 2-Butanone	6.99	43	370155	273.955	ug/l	97
26) 2,2-Dichloropropane	6.99	77	338067	54.171	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	226814	50.145	ug/l	94
28) Bromochloromethane	7.34	49	163892	54.626	ug/l	93
29) Tetrahydrofuran	7.35	42	241476	266.036	ug/l	94
30) Chloroform	7.51	83	368306	51.603	ug/l	99
31) Cyclohexane	7.78	56	345890	51.618	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	334060	51.991	ug/l	100
36) 1,1-Dichloropropene	7.92	75	296295	51.385	ug/l	99
37) Ethyl Acetate	7.08	43	164523	52.982	ug/l	98
38) Carbon Tetrachloride	7.91	117	304822	51.207	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	361492	49.905	ug/l	94
40) Benzene	8.16	78	812696	51.187	ug/l	96
41) Methacrylonitrile	7.32	41	94351m	50.450	ug/l	
42) 1,2-Dichloroethane	8.24	62	249386	51.021	ug/l	99
43) Isopropyl Acetate	8.27	43	314077	52.254	ug/l	98
44) Trichloroethene	8.94	130	232088	47.685	ug/l	97
45) 1,2-Dichloropropane	9.22	63	216984	52.817	ug/l	99
46) Dibromomethane	9.31	93	118609	49.431	ug/l	98
47) Bromodichloromethane	9.50	83	293970	51.513	ug/l	98
48) Methyl methacrylate	9.29	41	143795	53.513	ug/l	93
49) 1,4-Dioxane	9.30	88	31532	1035.424	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	821438	262.933	ug/l	97
52) Toluene	10.24	92	508879	50.146	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	307350	51.981	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	351713	51.627	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	165041	48.540	ug/l	97
56) Ethyl methacrylate	10.51	69	238919	51.685	ug/l	96
57) 1,3-Dichloropropane	10.79	76	289020	50.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	621998	263.834	ug/l	97
59) 2-Hexanone	10.83	43	576896	264.526	ug/l	97
60) Dibromochloromethane	10.99	129	211862	49.540	ug/l	99
61) 1,2-Dibromoethane	11.09	107	159688	47.585	ug/l	100
64) Tetrachloroethene	10.72	164	235642	45.563	ug/l	96
65) Chlorobenzene	11.52	112	557753	49.915	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	218442	50.333	ug/l	99
67) Ethyl Benzene	11.59	91	1022043	51.227	ug/l	99
68) m/p-Xylenes	11.70	106	766159	101.209	ug/l	98
69) o-Xylene	12.03	106	358044	50.628	ug/l	98
70) Styrene	12.04	104	618666	51.138	ug/l	98
71) Bromoform	12.20	173	136843	48.042	ug/l #	98
73) Isopropylbenzene	12.33	105	991878	50.737	ug/l	99
74) N-amyl acetate	12.14	43	295070	53.793	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	189854	50.283	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	134215m	49.427	ug/l	
77) Bromobenzene	12.61	156	246195	49.405	ug/l	97
78) n-propylbenzene	12.67	91	1198835	52.024	ug/l	99
79) 2-Chlorotoluene	12.75	91	662675	51.542	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	830447	50.968	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	71517	51.257	ug/l	97
82) 4-Chlorotoluene	12.85	91	694176	51.728	ug/l	98
83) tert-Butylbenzene	13.08	119	740313	51.493	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	839328	51.197	ug/l	99
85) sec-Butylbenzene	13.25	105	1026365	51.941	ug/l	99
86) p-Isopropyltoluene	13.37	119	951785	51.587	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	476403	50.555	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	464819	49.821	ug/l	100
89) n-Butylbenzene	13.69	91	920627	53.048	ug/l	99
90) Hexachloroethane	13.96	117	180466	53.711	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	410580	49.648	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	28488	46.540	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	292039	49.640	ug/l	99
94) Hexachlorobutadiene	15.11	225	201978	50.103	ug/l	99
95) Naphthalene	15.23	128	475727	48.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	231956	49.877	ug/l	97

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

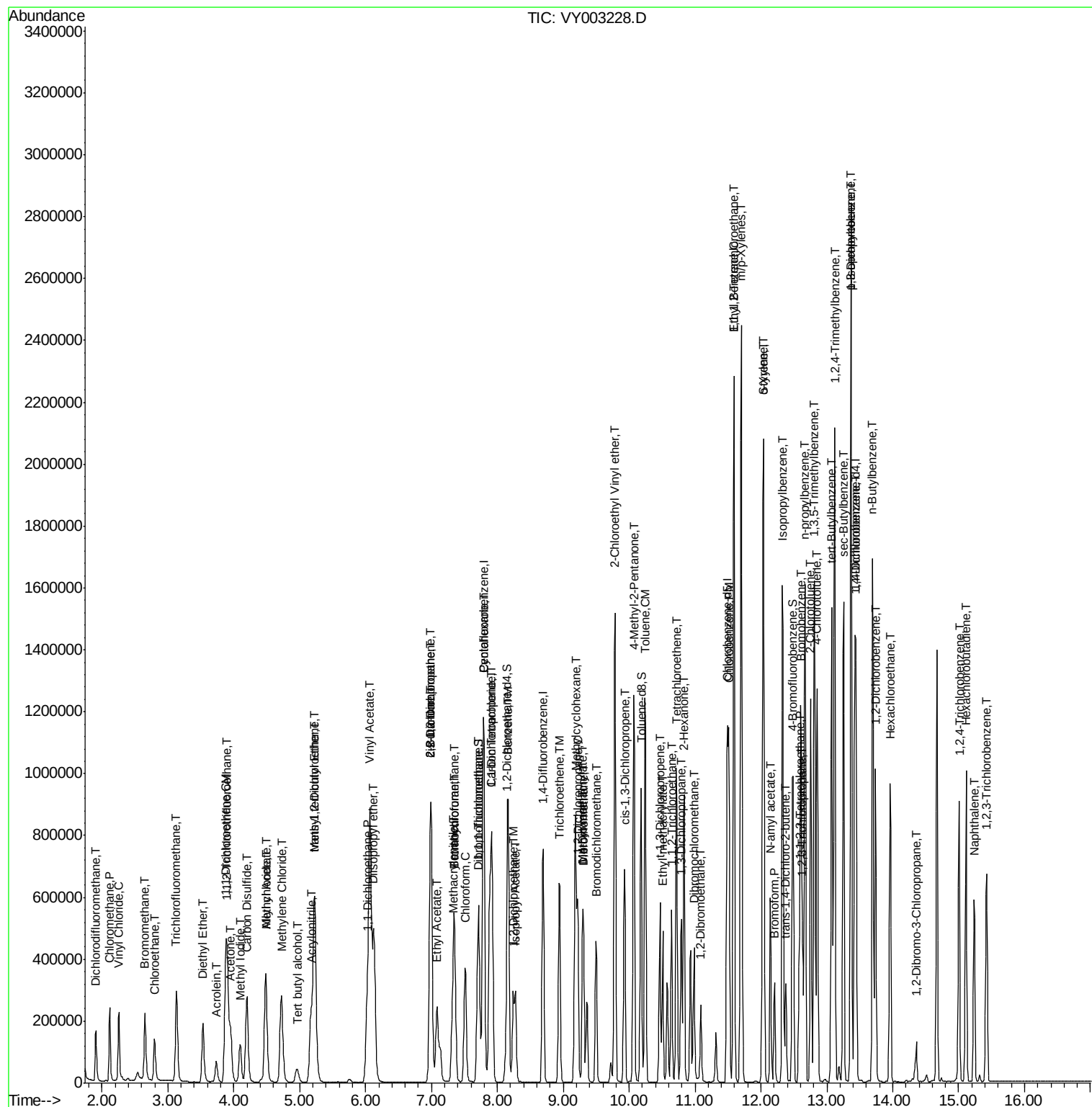
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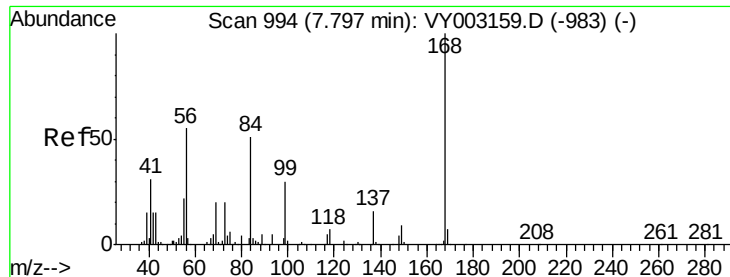
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 436486

Ion Ratio Lower Upper

168 100

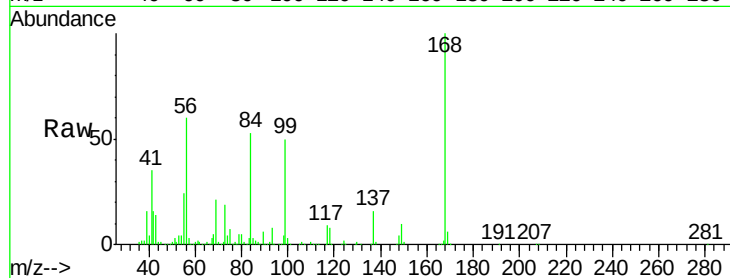
99 49.6 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

200000

150000

100000

50000

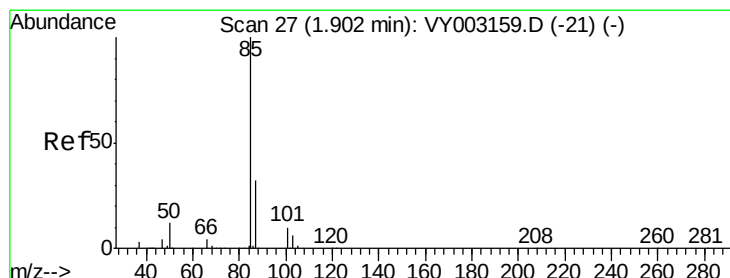
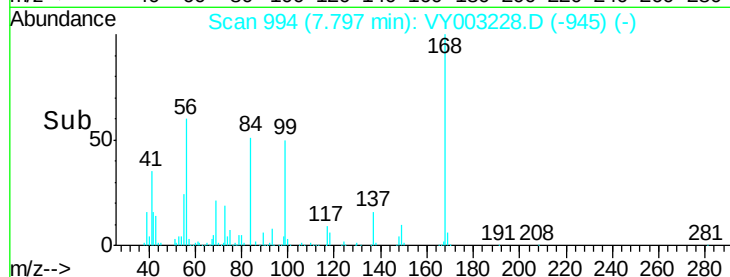
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.460 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003228.D

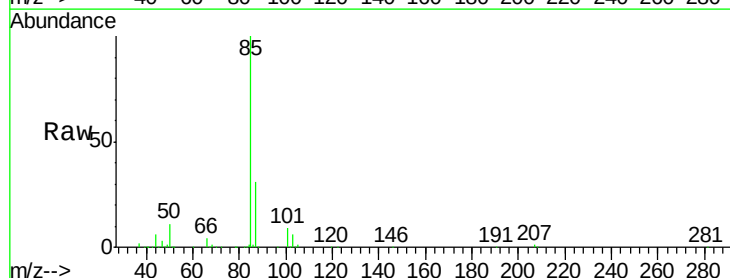
Acq: 20 Jul 2020 12:54

Tgt Ion: 85 Resp: 142218

Ion Ratio Lower Upper

85 100

87 30.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

100000

80000

60000

40000

20000

0

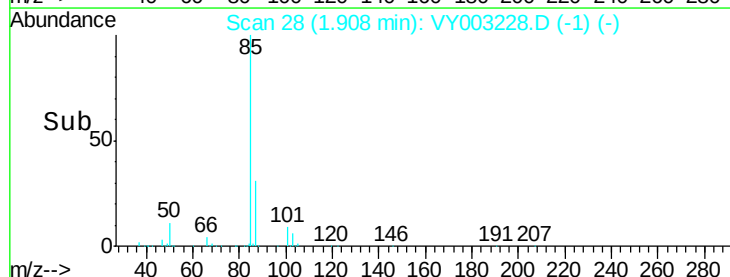
1.80

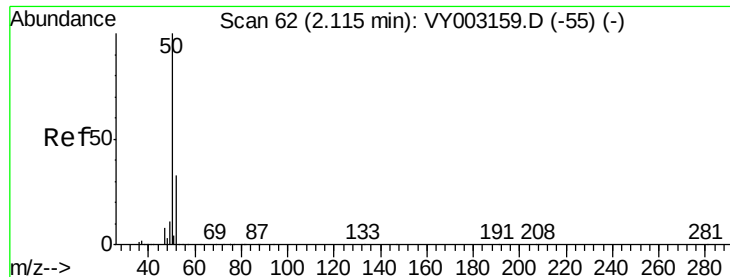
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 49.855 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 216339

Ion Ratio Lower Upper

50 100

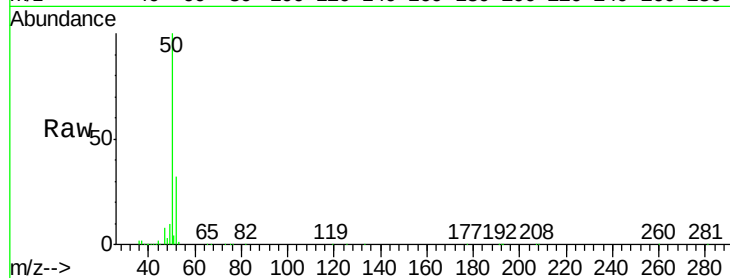
52 32.0 26.6 39.8

Manual Integrations

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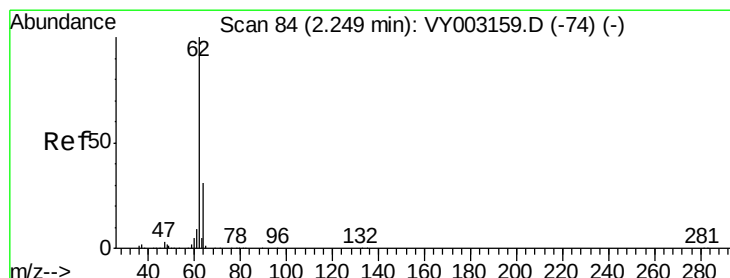
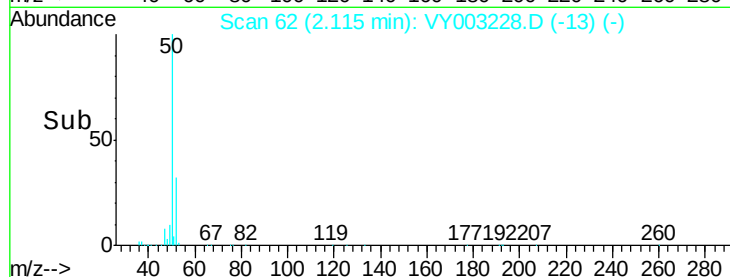
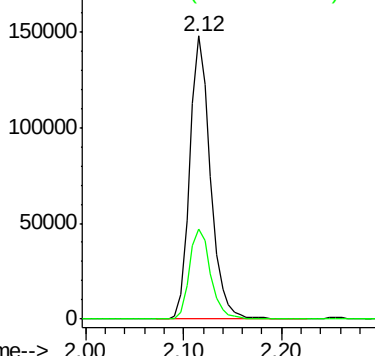
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 49.244 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003228.D

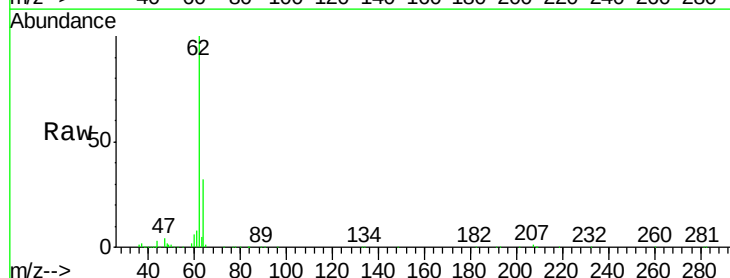
Acq: 20 Jul 2020 12:54

Tgt Ion: 62 Resp: 219250

Ion Ratio Lower Upper

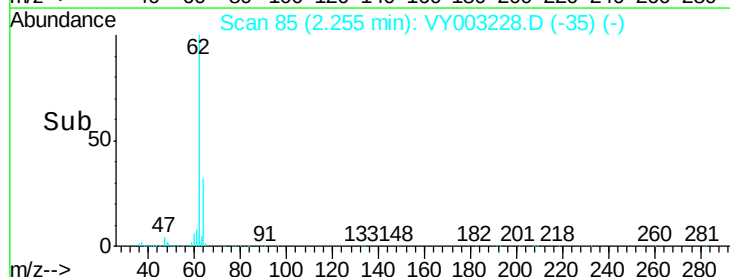
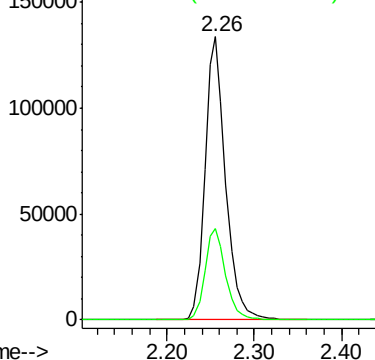
62 100

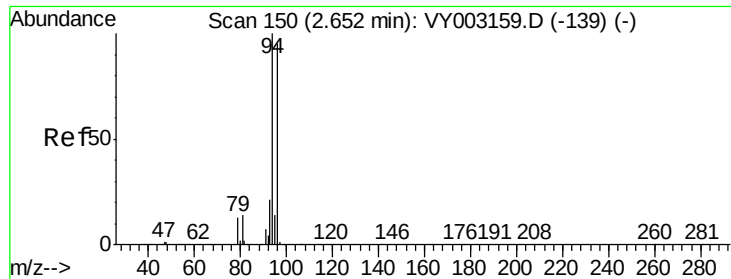
64 32.1 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 47.759 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 157940

Ion Ratio Lower Upper

94 100

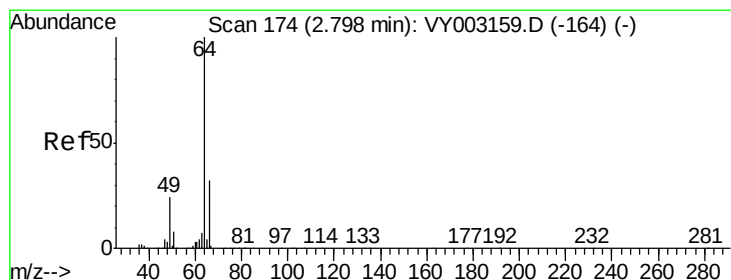
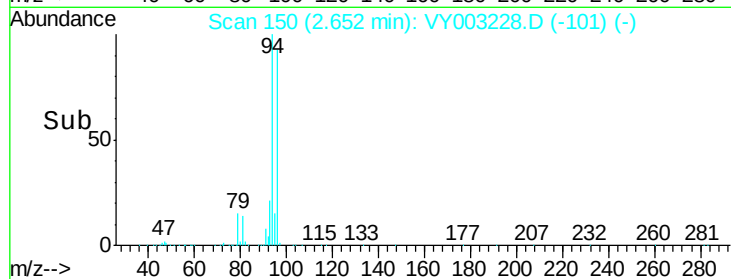
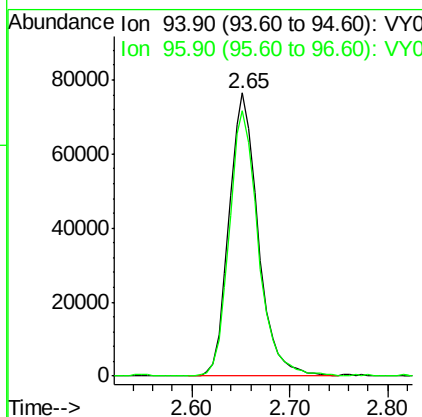
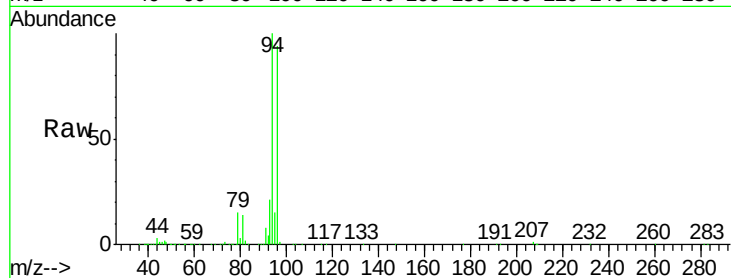
96 93.4 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 48.851 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003228.D

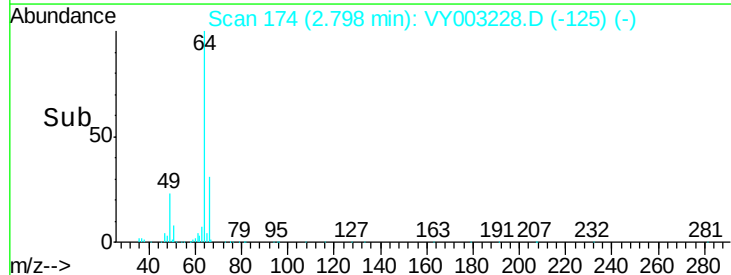
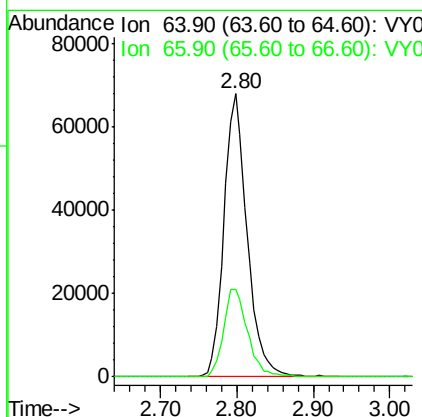
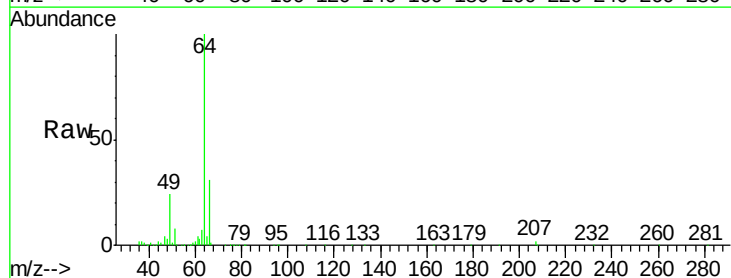
Acq: 20 Jul 2020 12:54

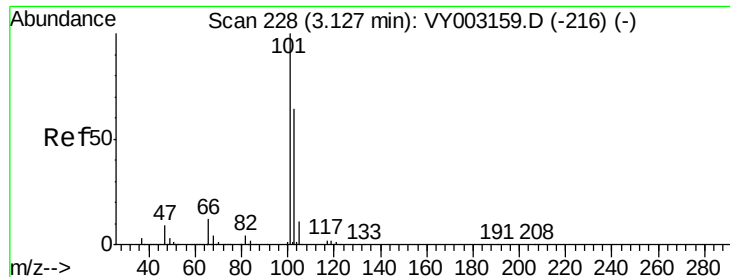
Tgt Ion: 64 Resp: 142855

Ion Ratio Lower Upper

64 100

66 31.1 26.0 39.0





#7

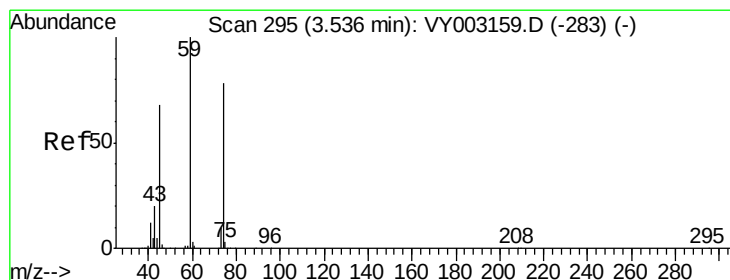
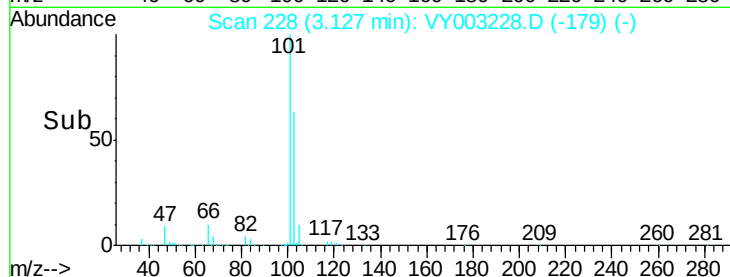
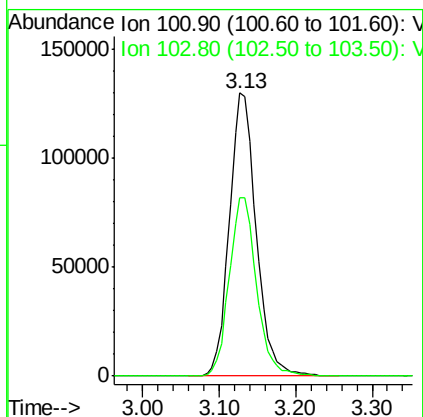
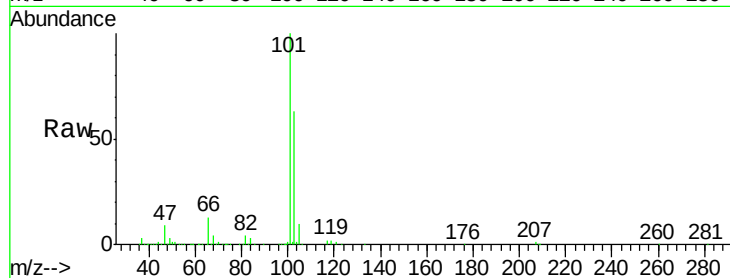
Trichlorofluoromethane
Concen: 49.716 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	51.3	76.9

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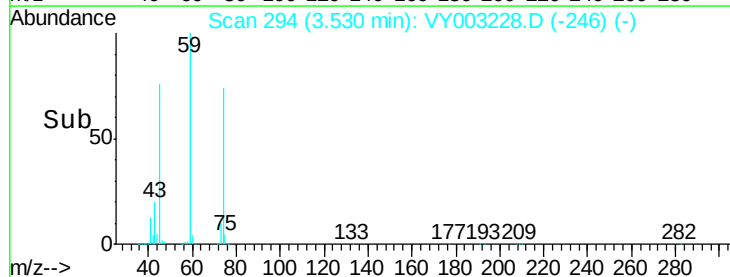
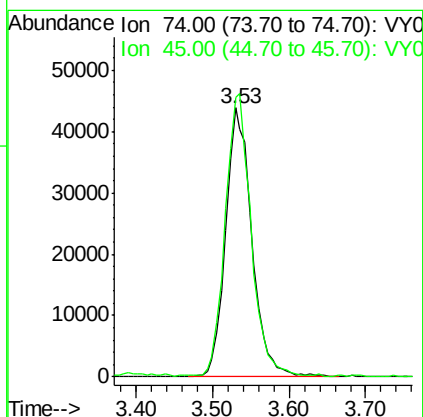
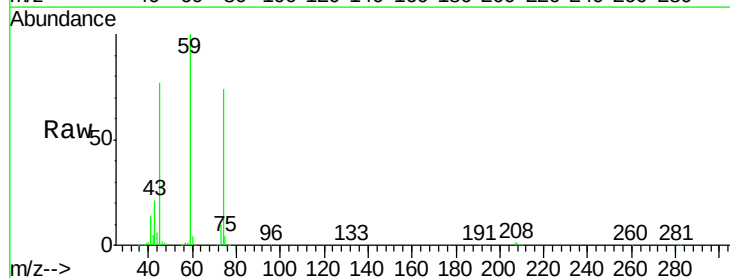
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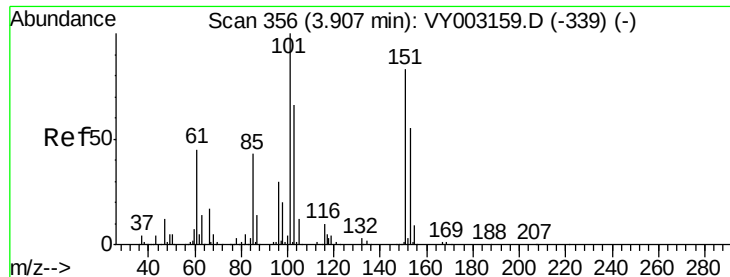


#8

Diethyl Ether
Concen: 48.784 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.2	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.396 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

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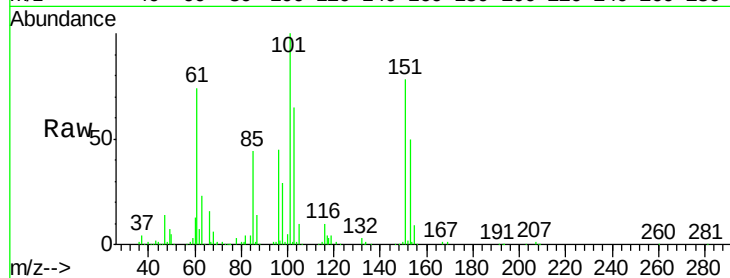
ClientSampleId :

VSTDCCC050

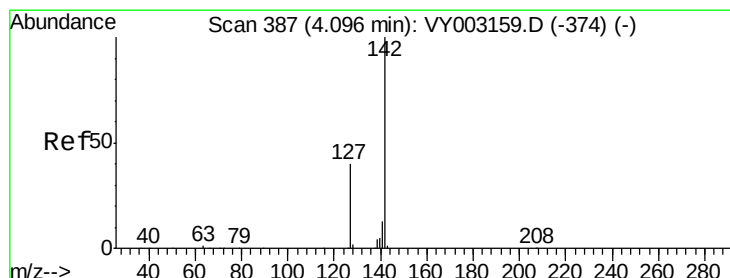
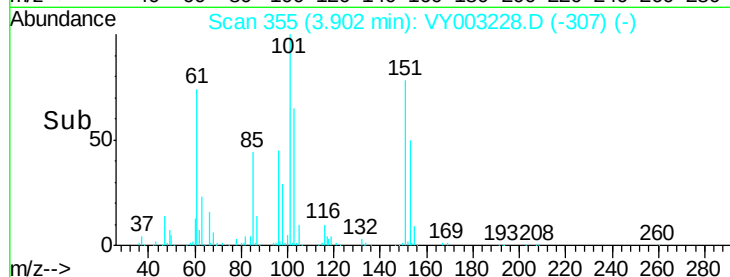
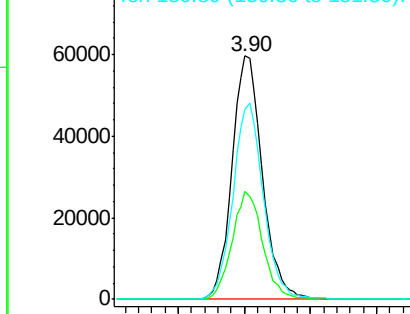
Tot Ion:	101	Resp:	189687
Ion Ratio	Lower	Upper	
101	100		
85	44.5	34.9	52.3
151	81.2	67.0	100.6

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



#10

Methyl Iodide

Concen: 47.884 ug/l

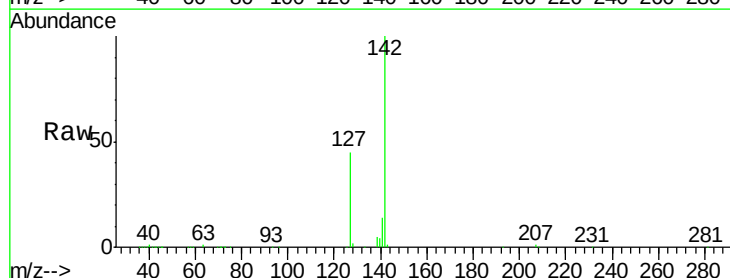
RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

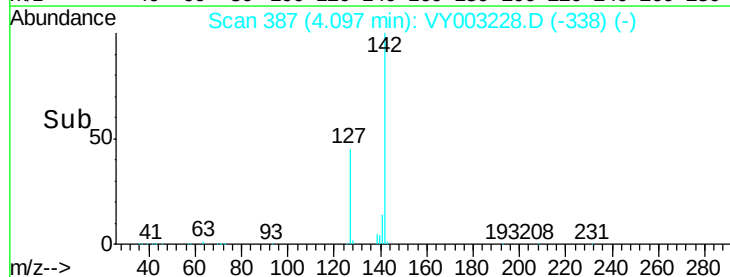
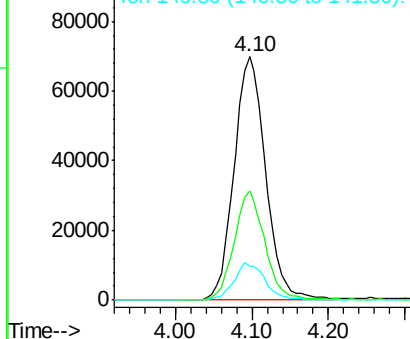
Lab File: VY003228.D

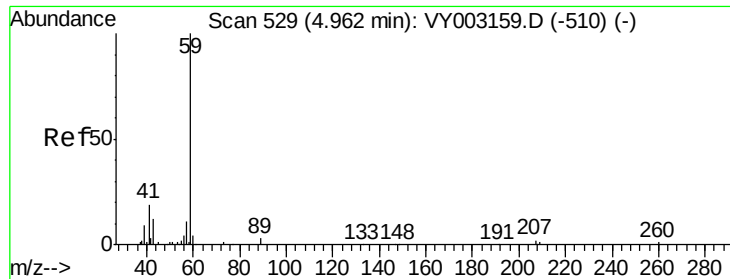
Acq: 20 Jul 2020 12:54

Tgt Ion:	142	Resp:	199774
Ion Ratio	Lower	Upper	
142	100		
127	43.0	33.5	50.3
141	14.9	11.2	16.8



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





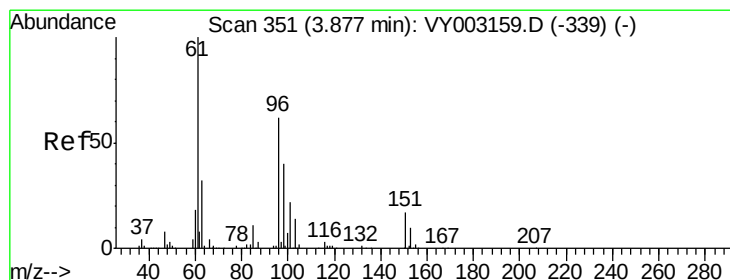
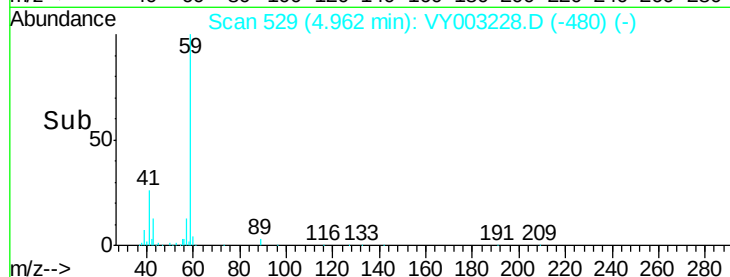
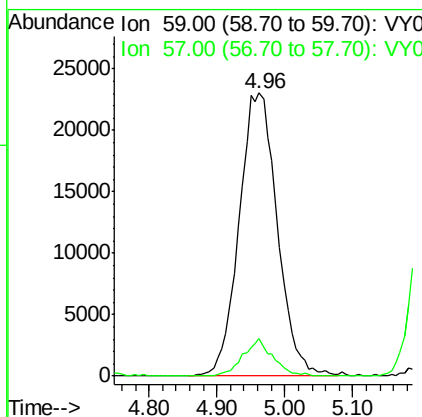
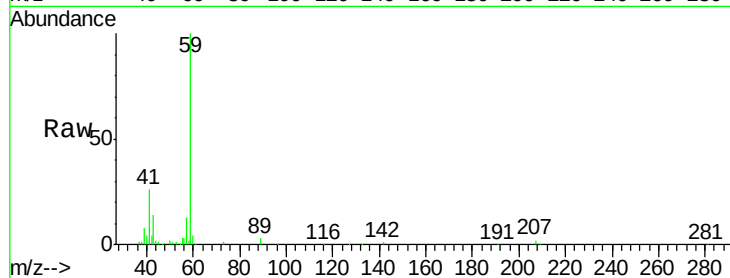
#11
Tert butyl alcohol
Concen: 226.301 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.4	12.6

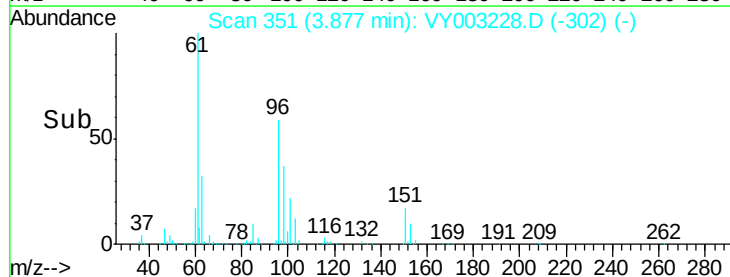
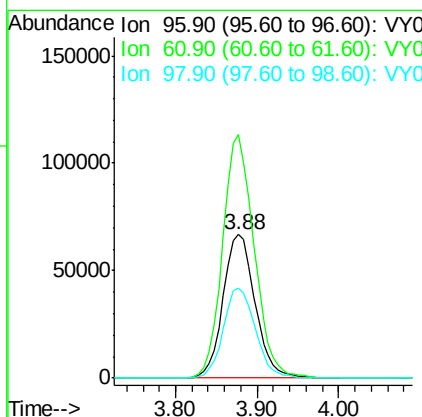
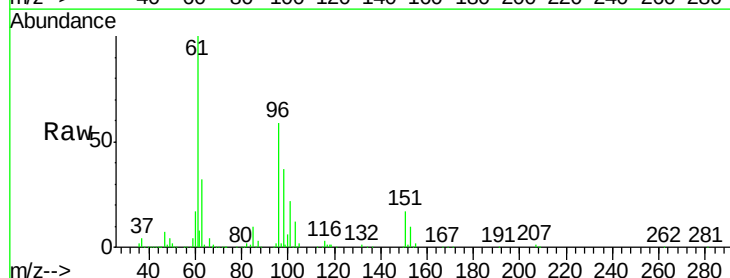
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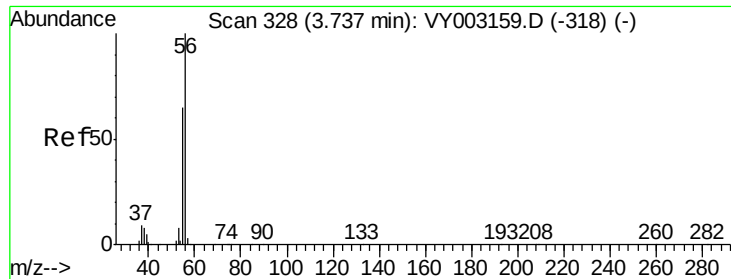
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#12
1,1-Dichloroethene
Concen: 49.998 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.7	128.6	193.0
98	62.6	51.6	77.4





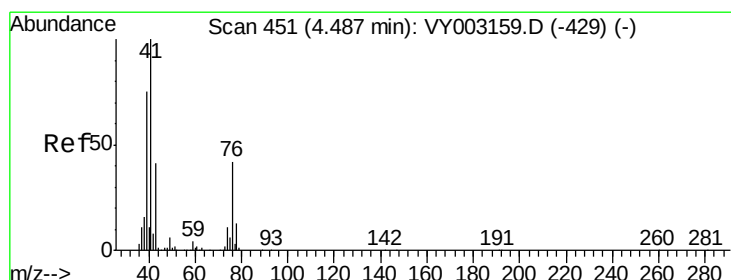
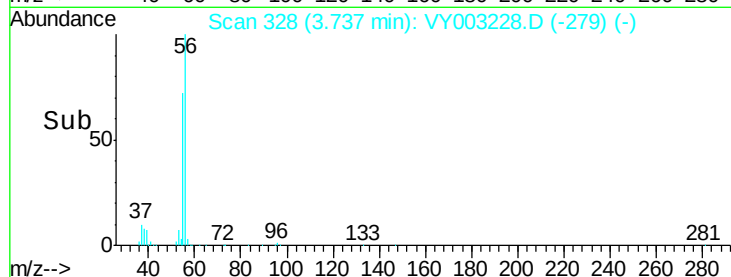
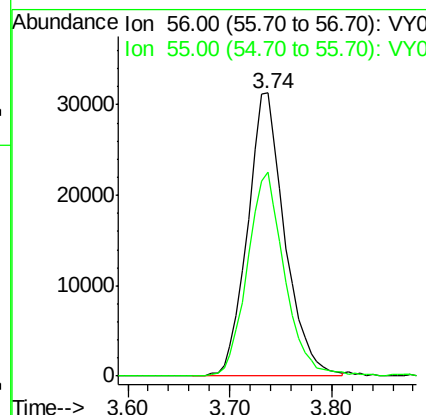
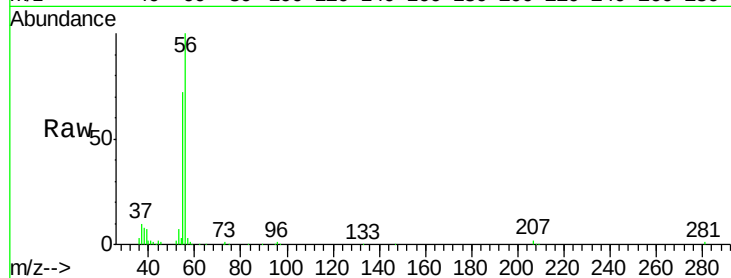
#13
Acrolein
Concen: 229.744 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	72.2	56.0	84.0

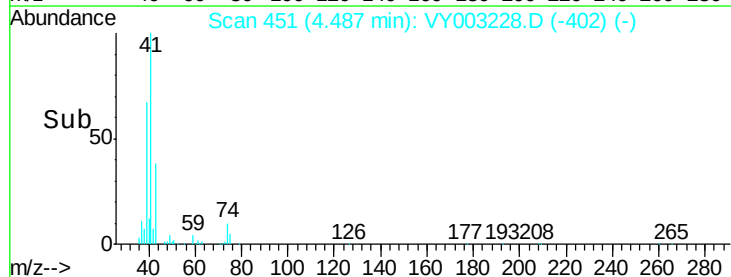
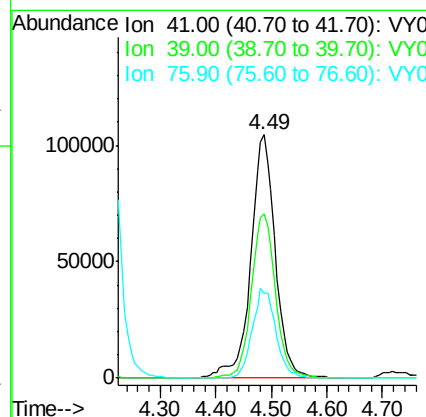
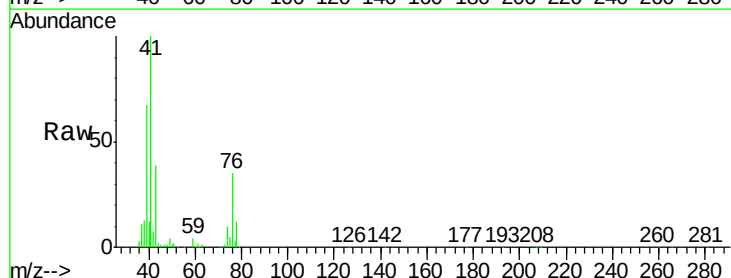
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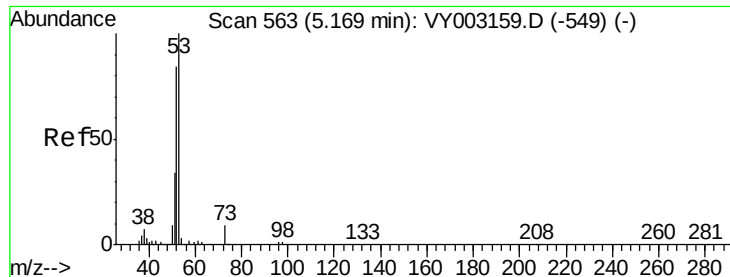
MMDadoda
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#14
Allyl chloride
Concen: 59.486 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	66.7	56.6	85.0
76	76	35.4	31.6	47.4





#15

Acrylonitrile

Concen: 259.940 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

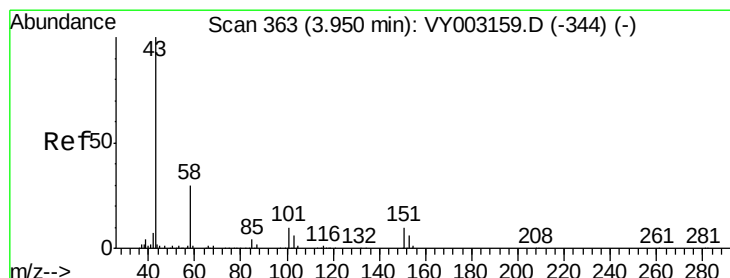
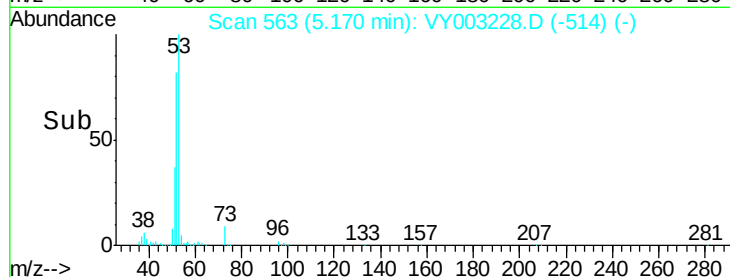
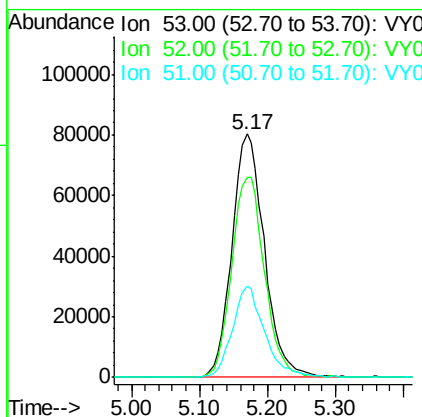
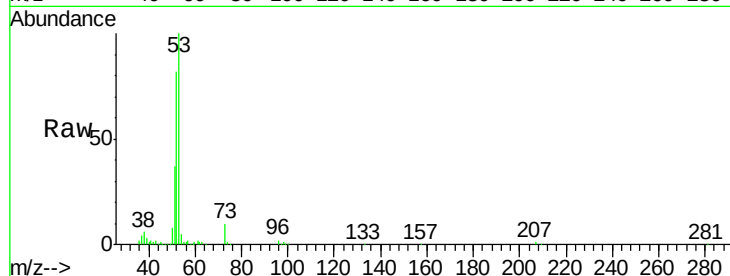
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	266042
Ion	Ratio	Lower	Upper
53	100		
52	83.7	65.8	98.6
51	37.0	29.0	43.4

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#16

Acetone

Concen: 294.403 ug/l

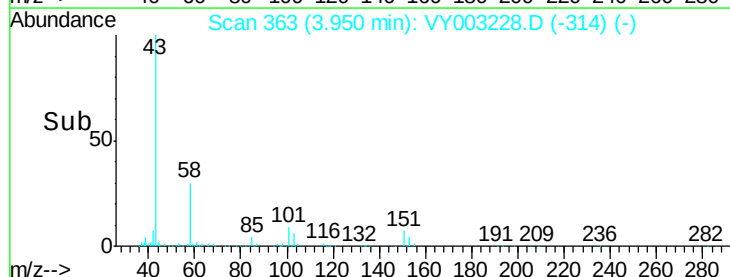
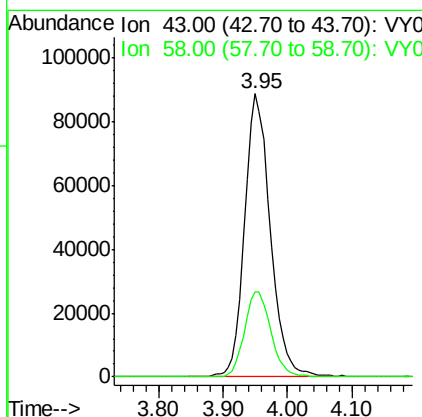
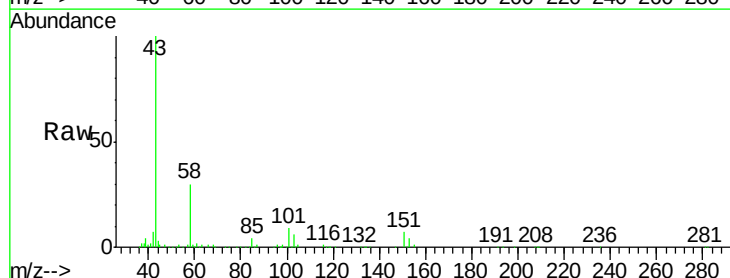
RT: 3.95 min Scan# 363

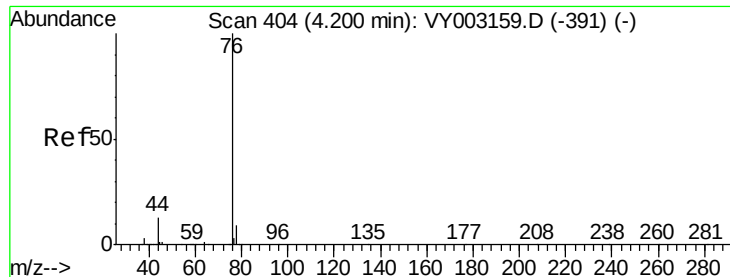
Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Tgt Ion:	43	Resp:	242269
Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.8	35.6





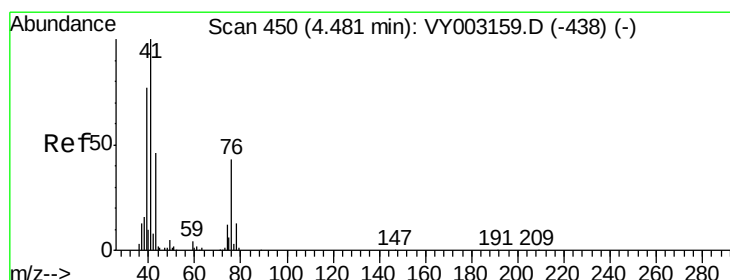
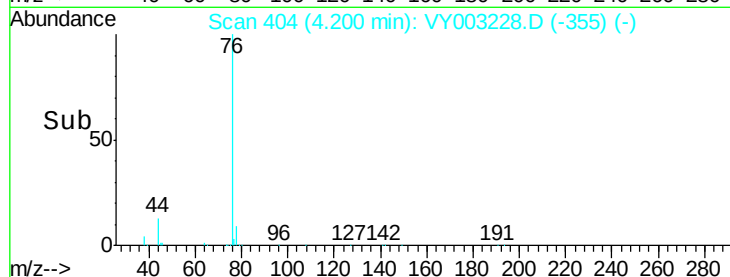
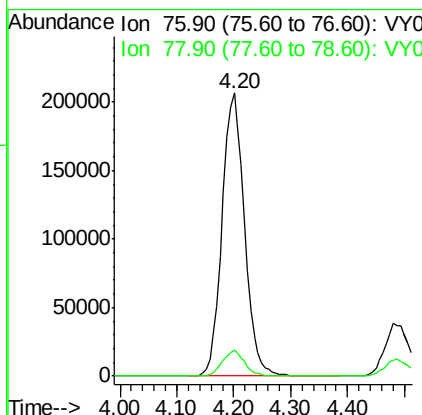
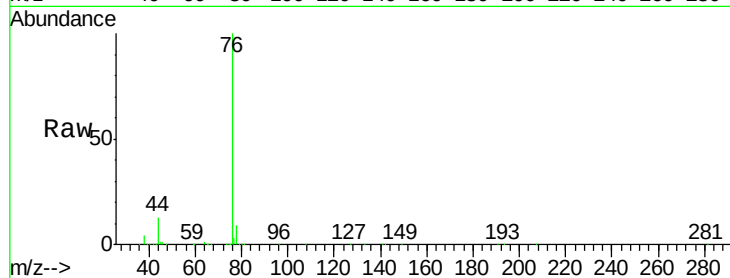
#17
Carbon Disulfide
Concen: 50.837 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

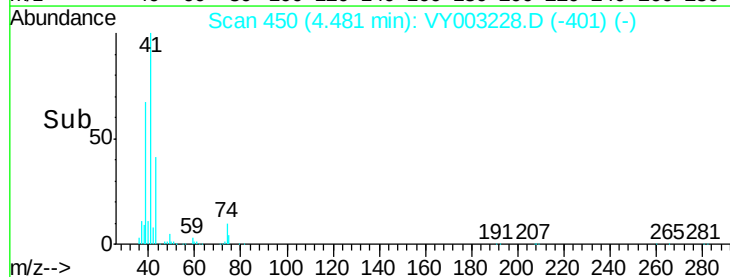
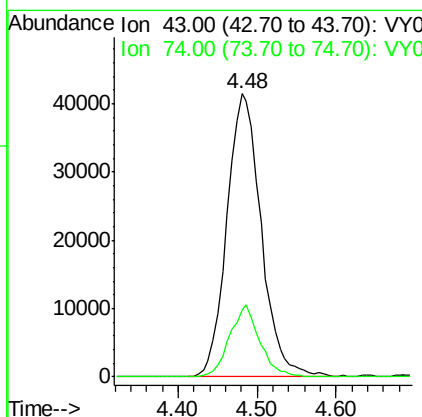
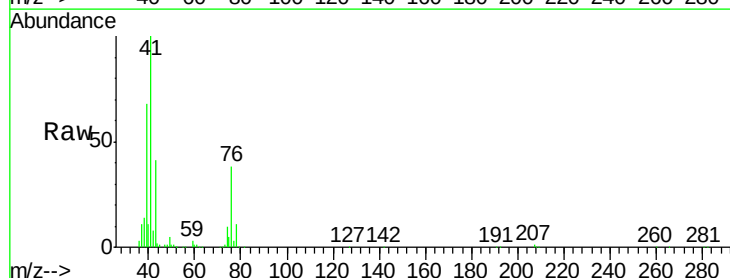
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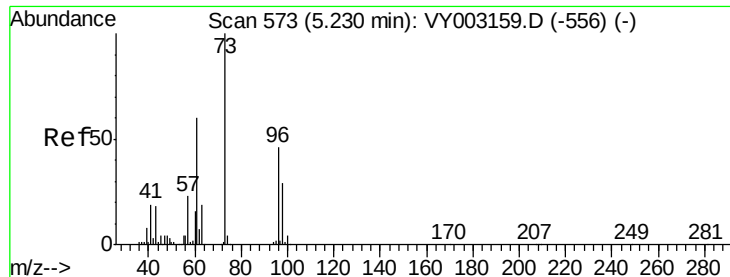
MMDadoda
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#18
Methyl Acetate
Concen: 54.882 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	20.8	31.2





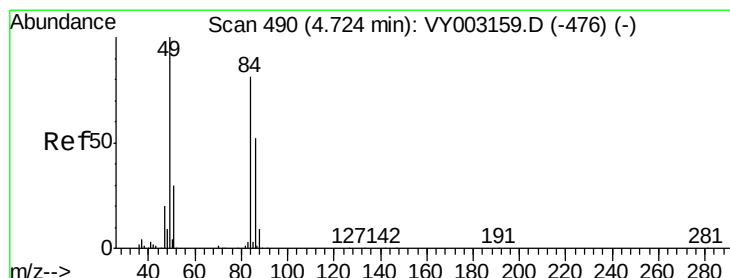
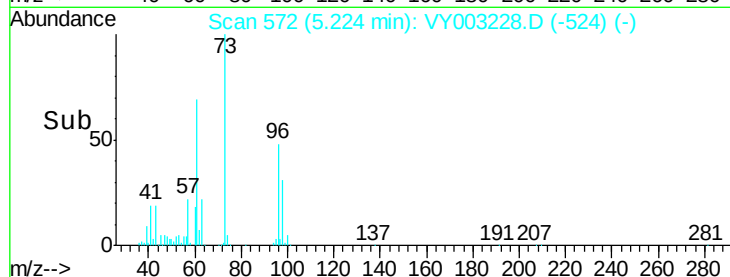
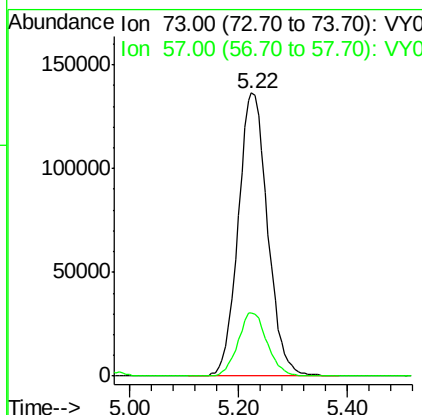
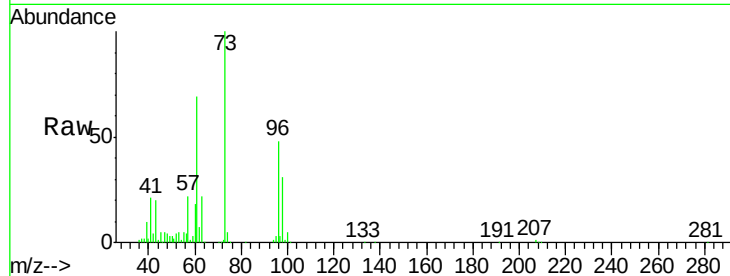
#19
Methyl tert-butyl Ether
Concen: 50.385 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.1	27.1

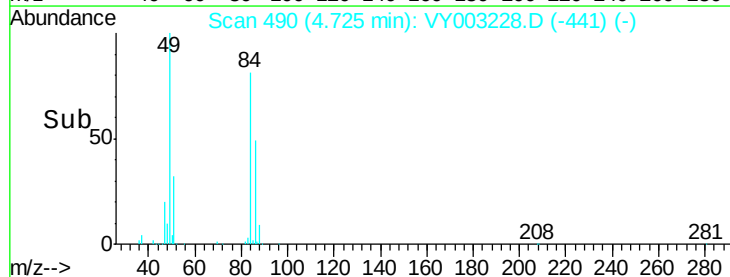
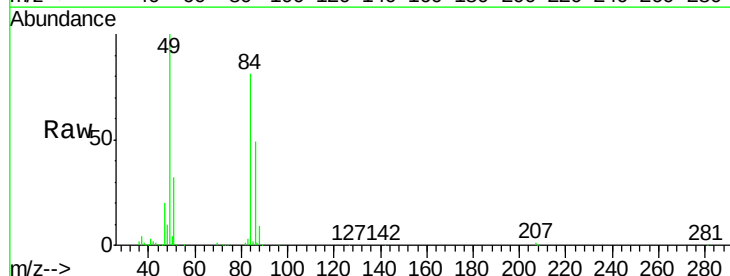
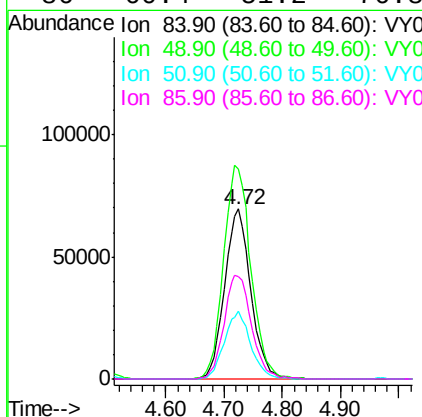
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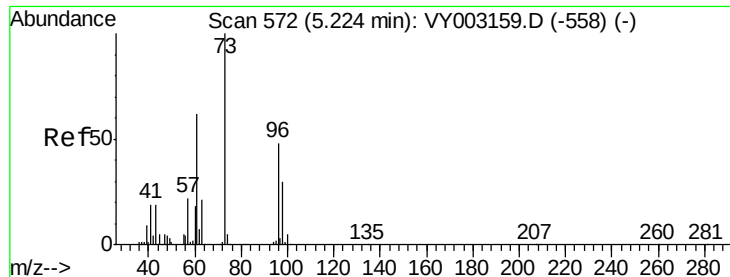
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#20
Methylene Chloride
Concen: 52.637 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.8	98.2	147.4
51	39.9	29.8	44.6
86	60.4	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 50.108 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

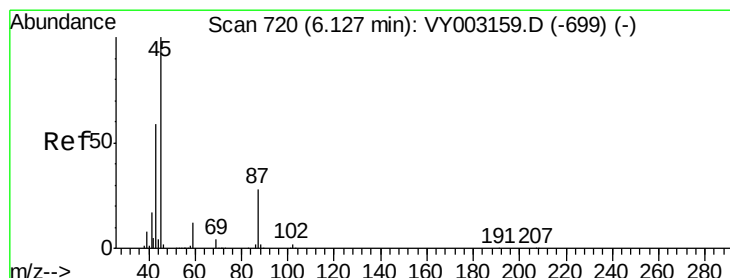
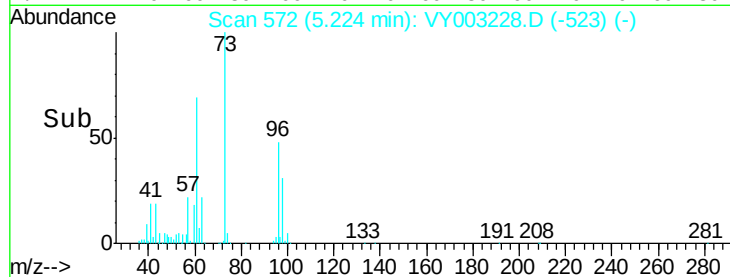
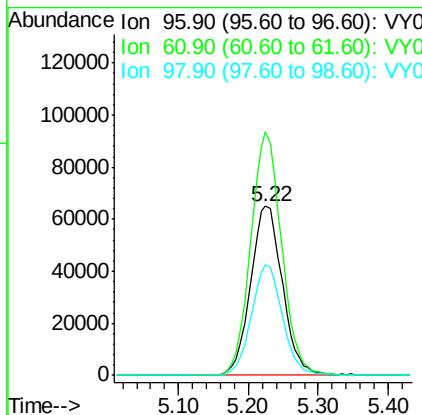
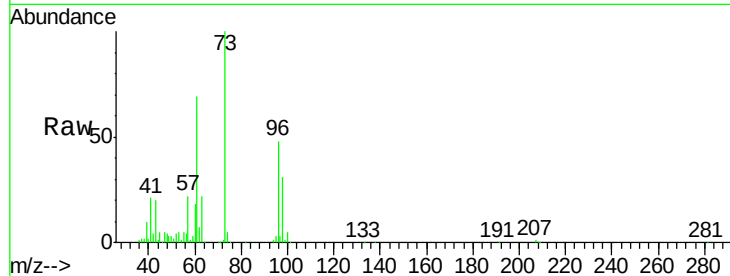
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	205850
Ion	Ratio	Lower	Upper
96	100		
61	144.0	102.5	153.7
98	65.0	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 56.580 ug/l

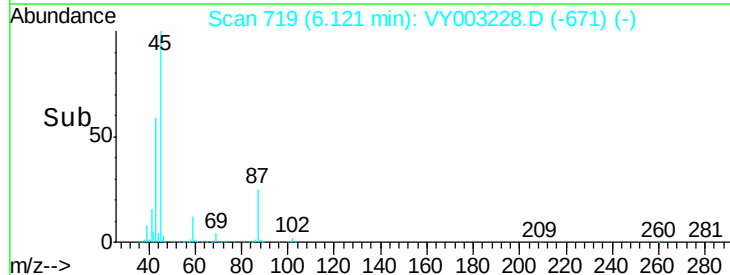
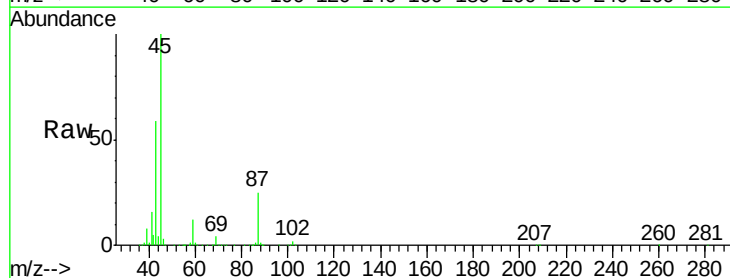
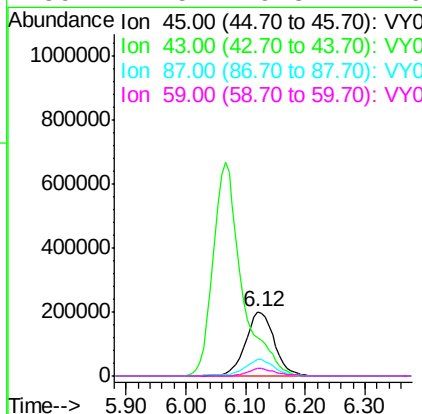
RT: 6.12 min Scan# 719

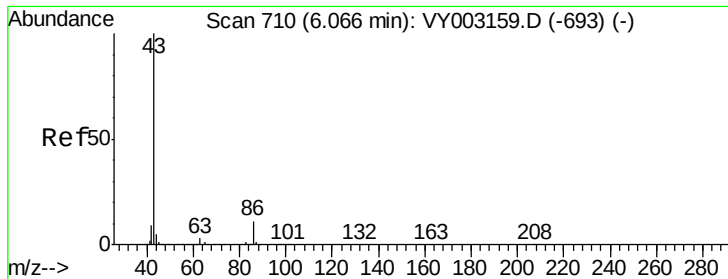
Delta R.T. -0.01 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Tgt Ion:	45	Resp:	676771
Ion	Ratio	Lower	Upper
45	100		
43	58.8	47.0	70.4
87	24.7	22.6	33.8
59	11.5	9.8	14.6





#23

Vinyl Acetate

Concen: 278.100 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2217152

Ion Ratio Lower Upper

43 100

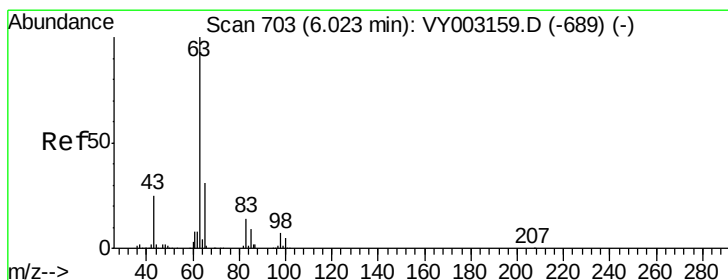
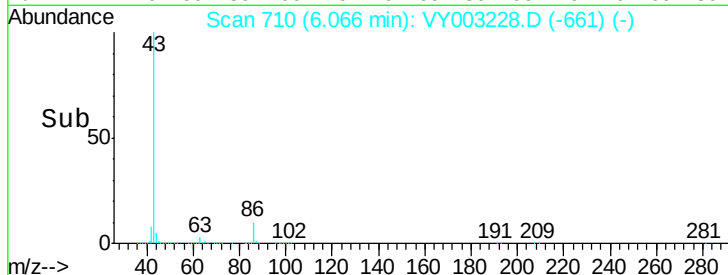
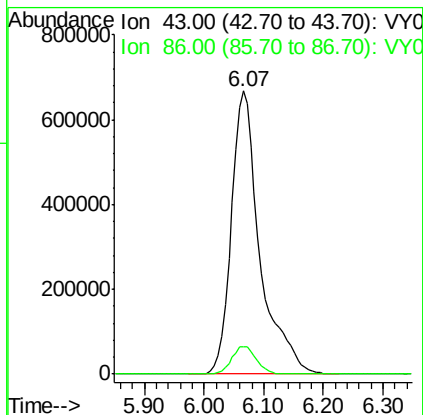
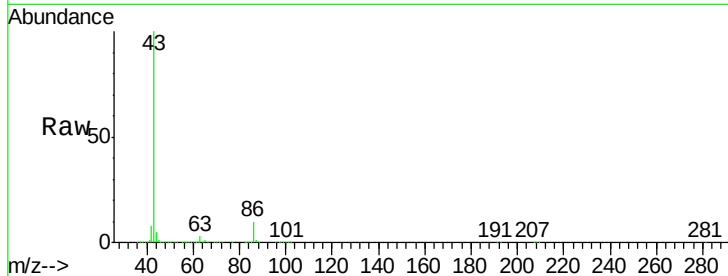
86 9.8 8.8 13.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 53.174 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

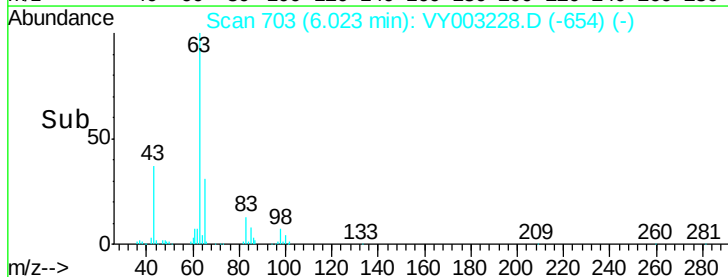
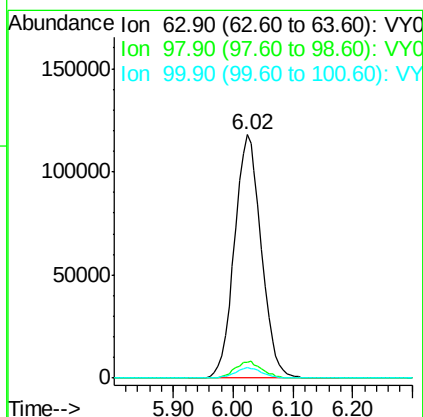
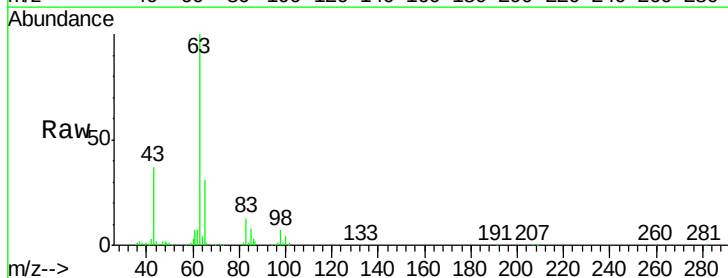
Tgt Ion: 63 Resp: 368481

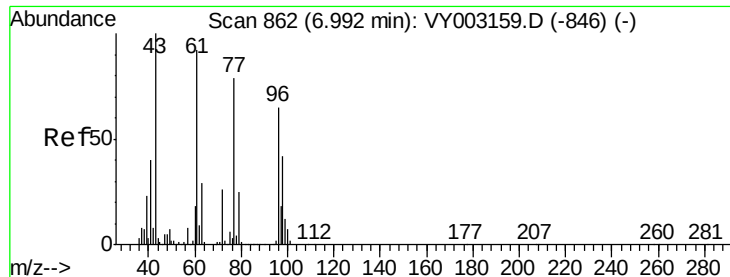
Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

100 4.1 2.4 7.2





#25

2-Butanone

Concen: 273.955 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 370155

Ion Ratio Lower Upper

43 100

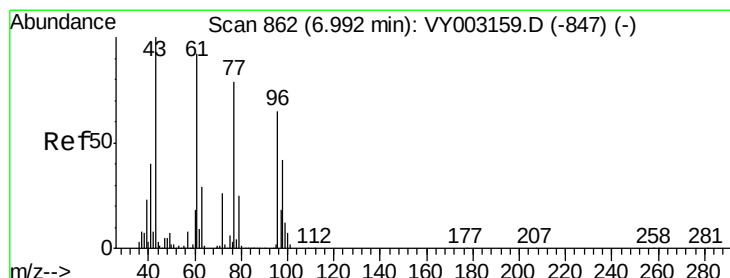
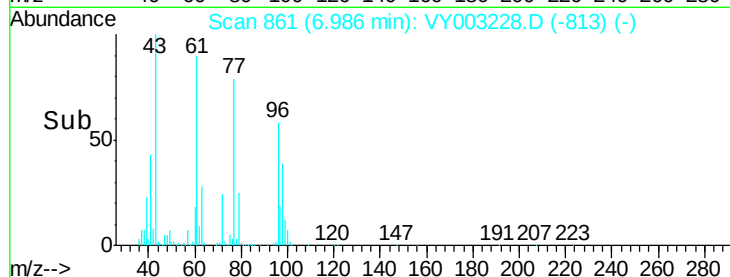
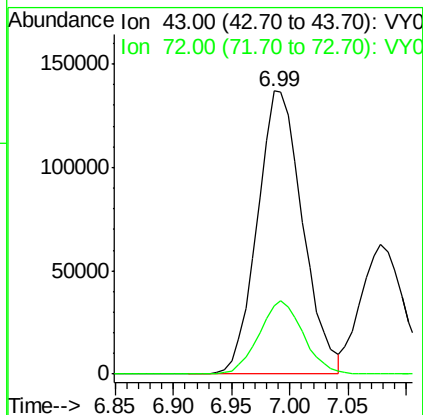
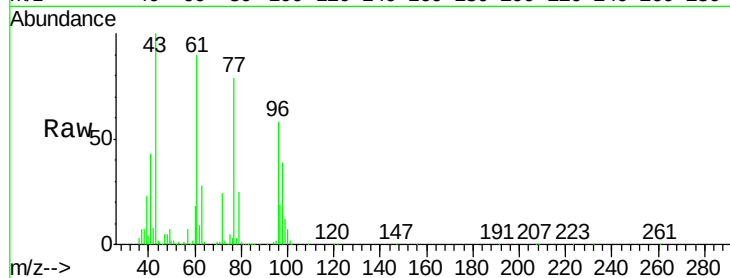
72 24.3 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 54.171 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003228.D

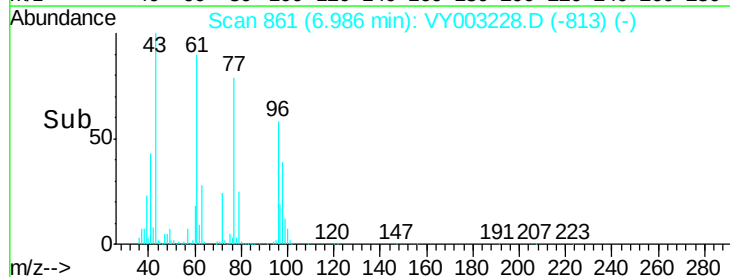
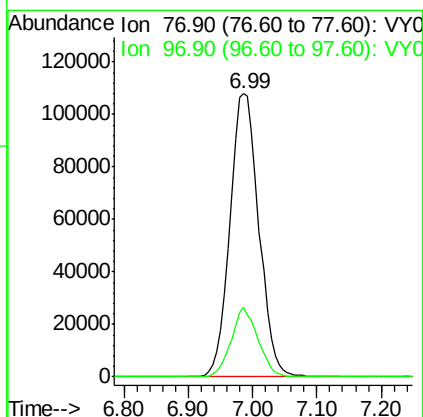
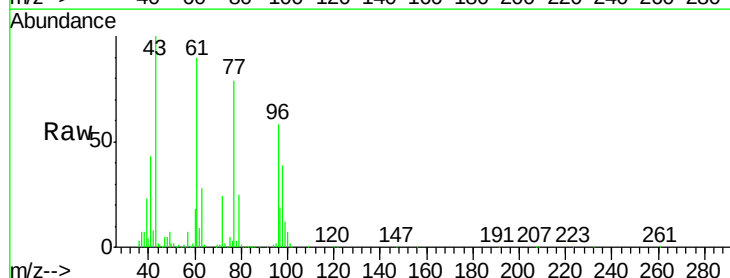
Acq: 20 Jul 2020 12:54

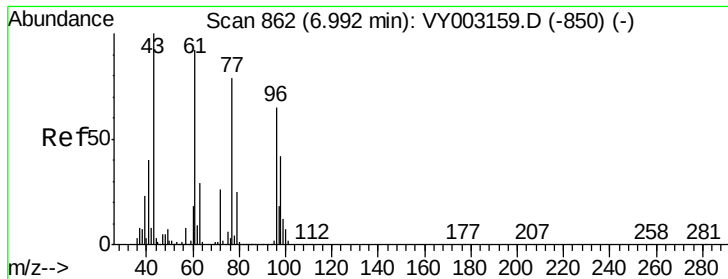
Tgt Ion: 77 Resp: 338067

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.7





#27

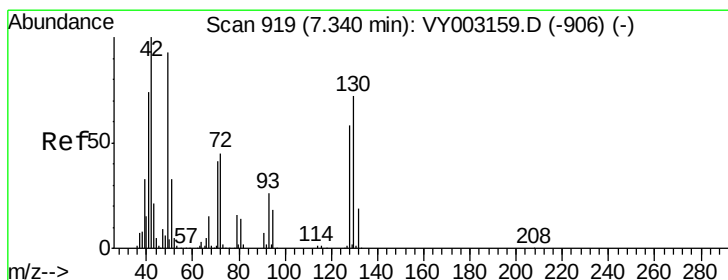
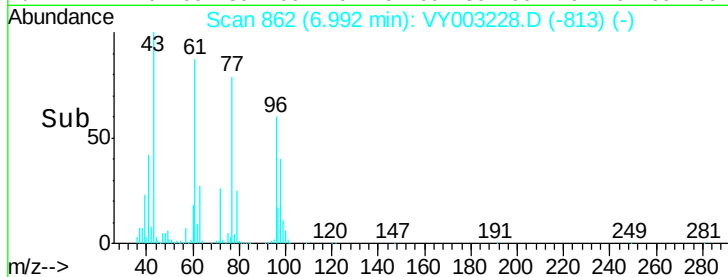
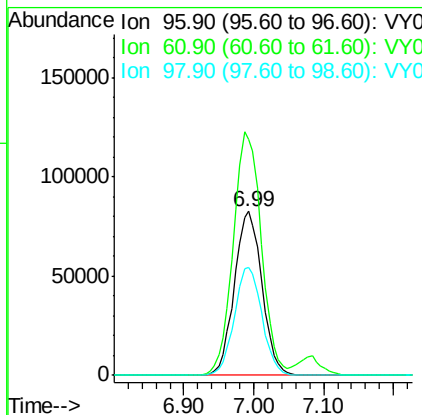
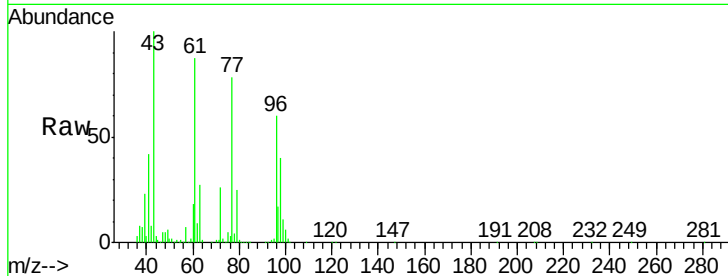
cis-1,2-Dichloroethene
Concen: 50.145 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.7	0.0	281.2
98	65.7	0.0	129.8

Manual Integrations
APPROVED

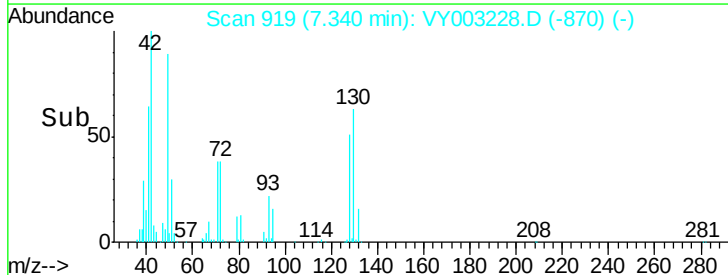
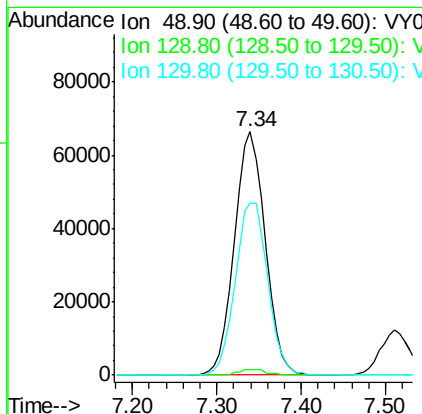
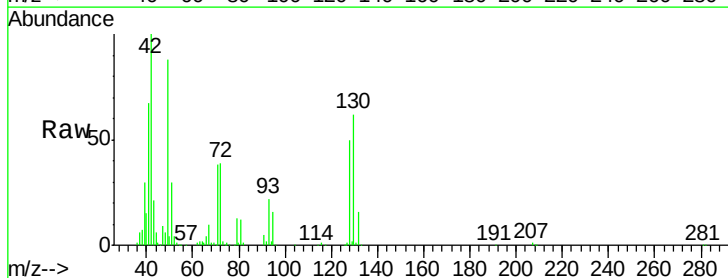
MMDadoda
7/21/2020 4:58:49 PM

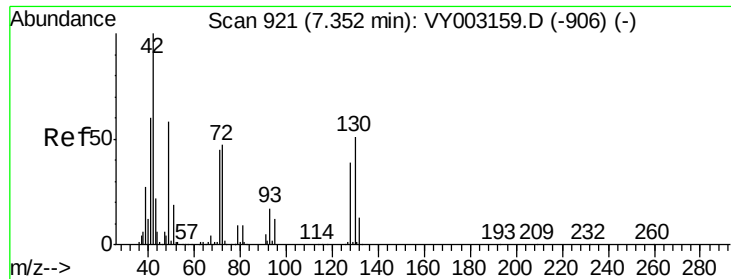


#28

Bromochloromethane
Concen: 54.626 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	74.6	64.9	97.3





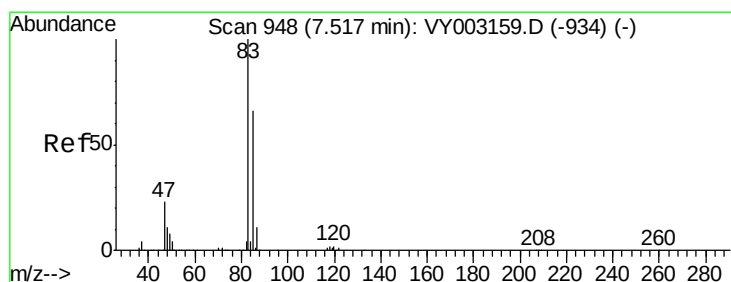
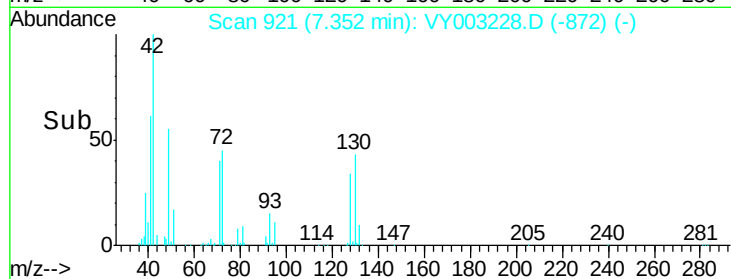
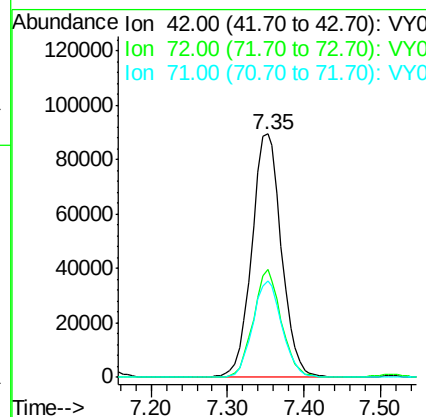
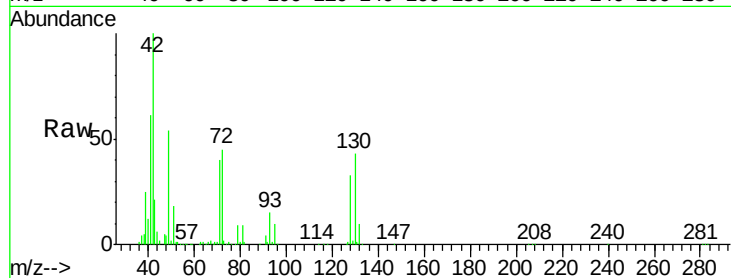
#29
Tetrahydrofuran
Concen: 266.036 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	36.7	55.1
71	39.2	34.2	51.4

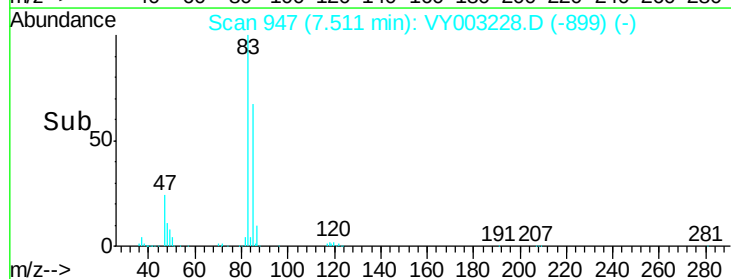
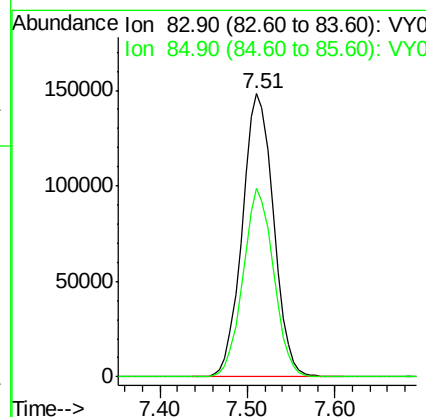
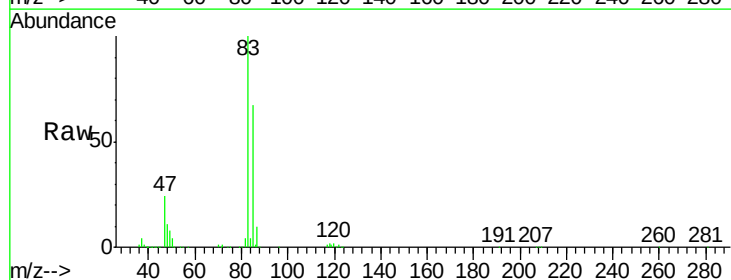
Manual Integrations
APPROVED

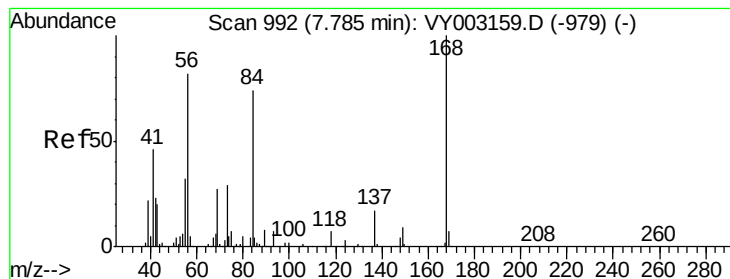
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#30
Chloroform
Concen: 51.603 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.6	78.8





#31

Cyclohexane

Concen: 51.618 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

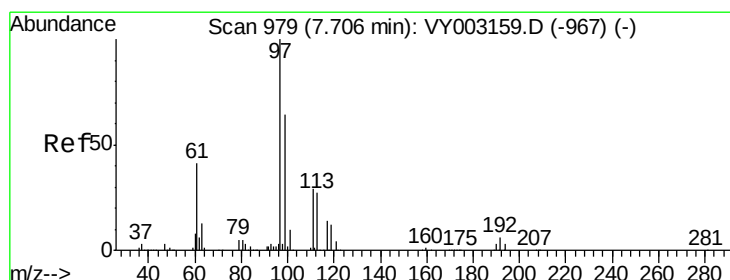
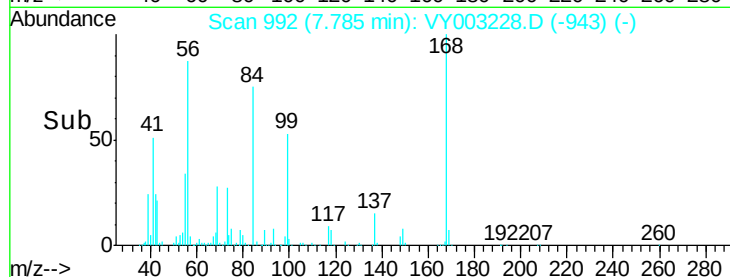
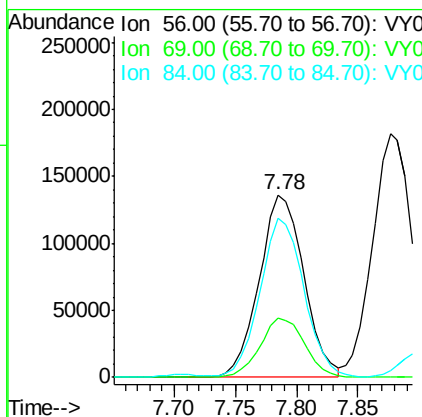
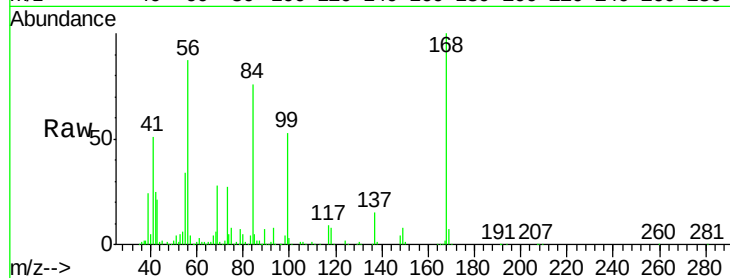
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	345890
Ion	Ratio	Lower	Upper
56	100		
69	32.0	26.7	40.1
84	86.1	72.3	108.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.991 ug/l

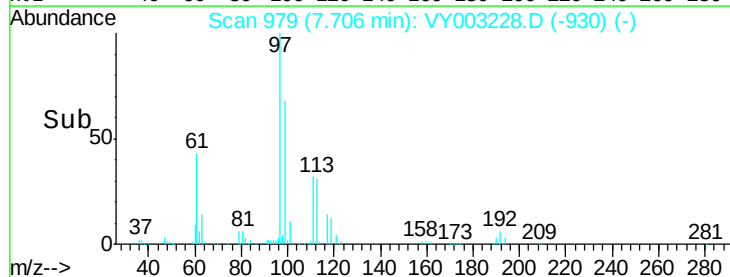
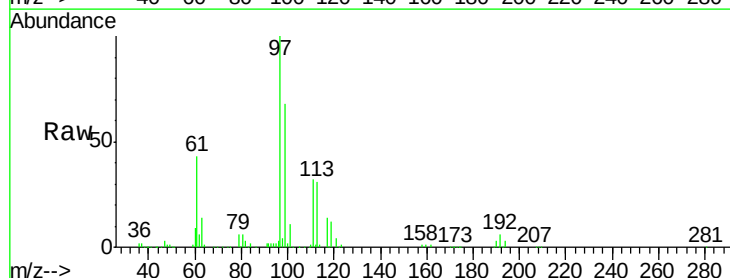
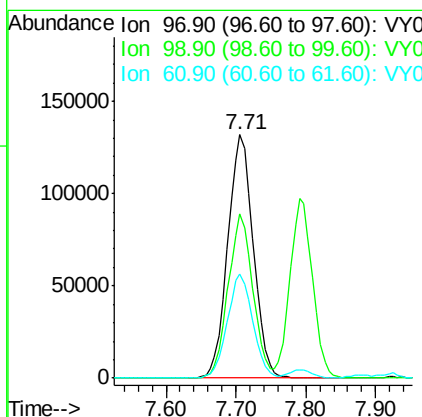
RT: 7.71 min Scan# 979

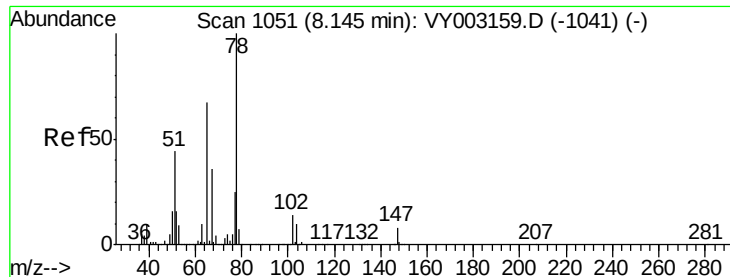
Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Tgt Ion:	97	Resp:	334060
Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.1	78.1
61	42.7	33.9	50.9





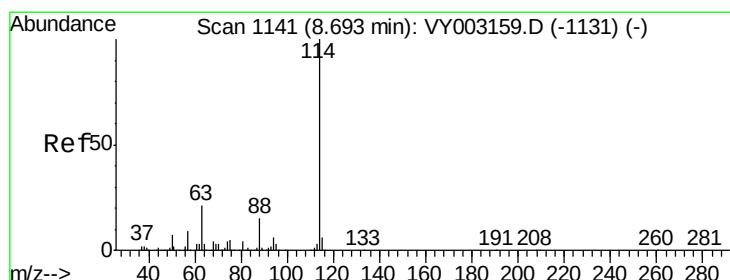
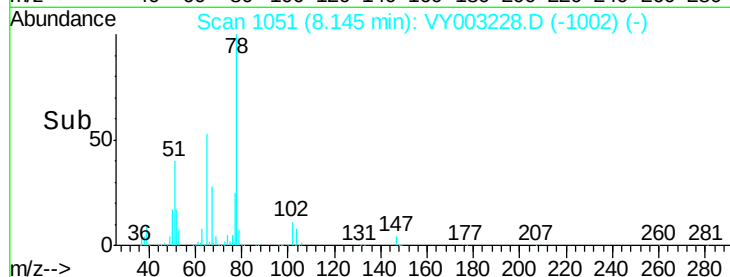
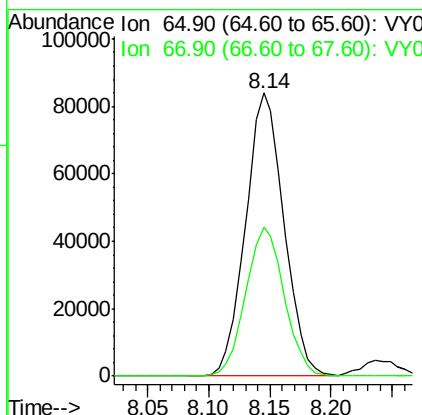
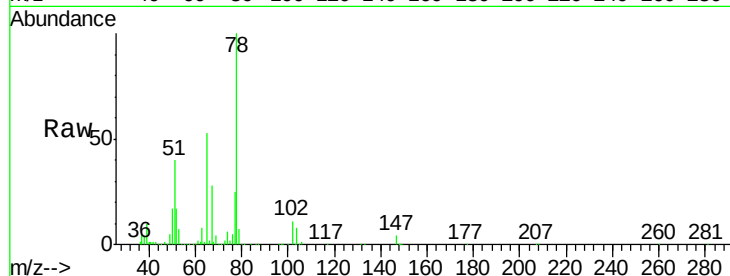
#33
 1,2-Dichloroethane-d4
 Concen: 49.836 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	183601		
67	52.9	0.0	105.2	

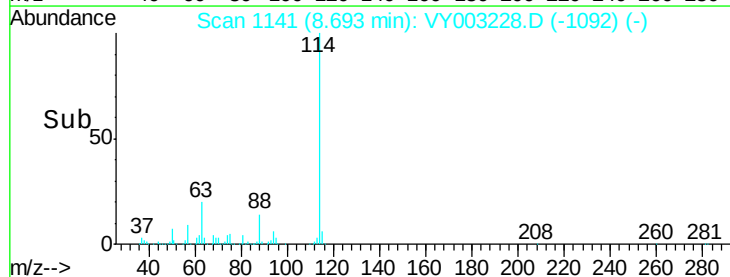
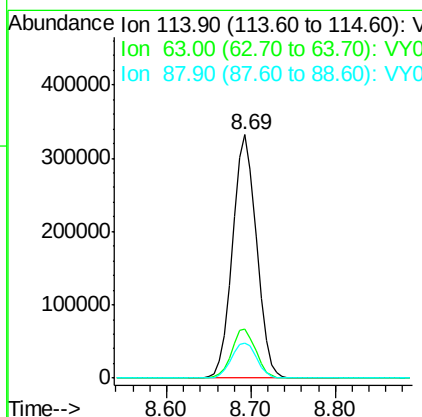
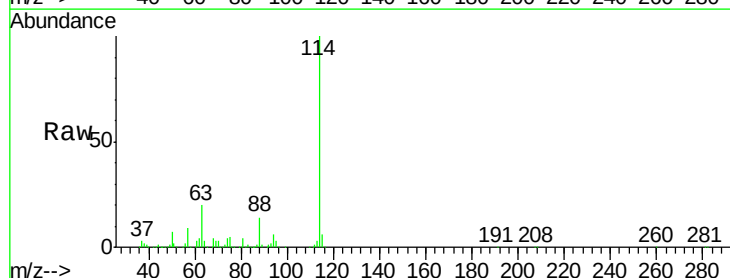
Manual Integrations
 APPROVED

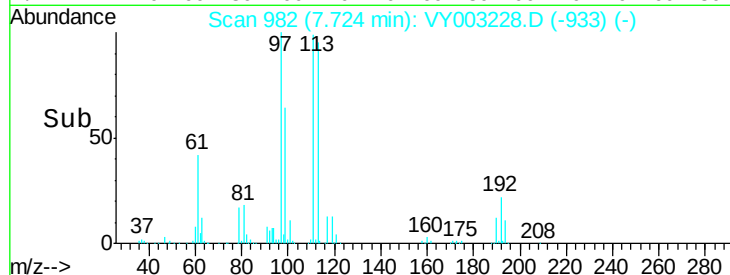
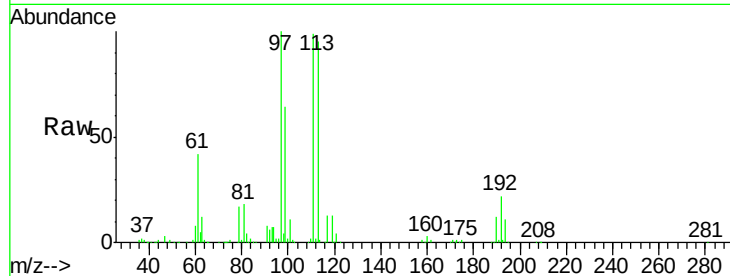
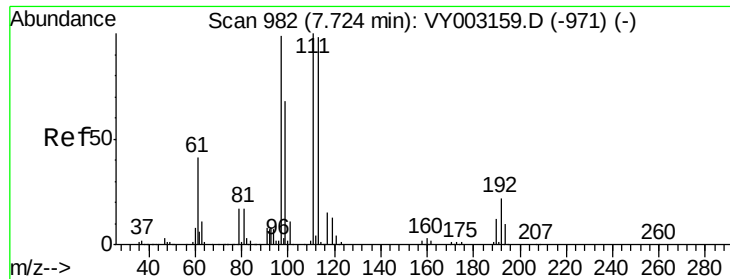
MMDadoda
 7/21/2020 4:58:49 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	636207		
63	20.1	0.0	41.2	
88	14.4	0.0	30.2	





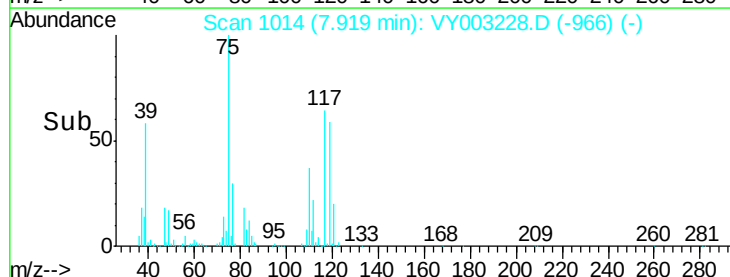
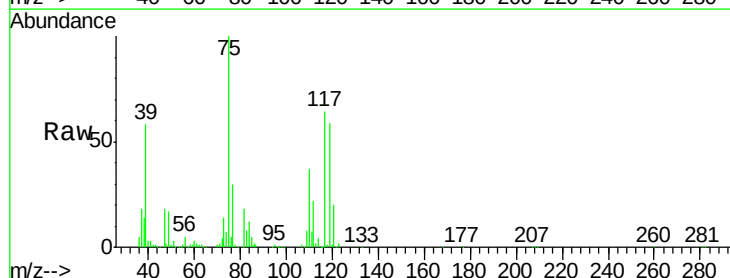
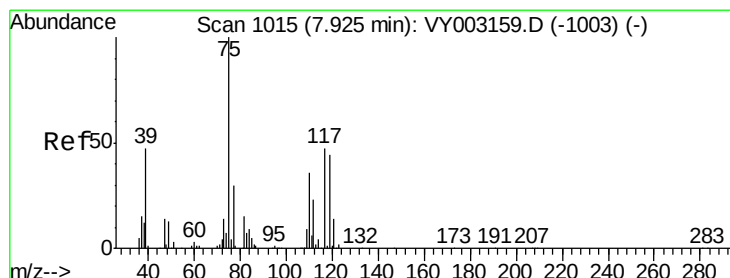
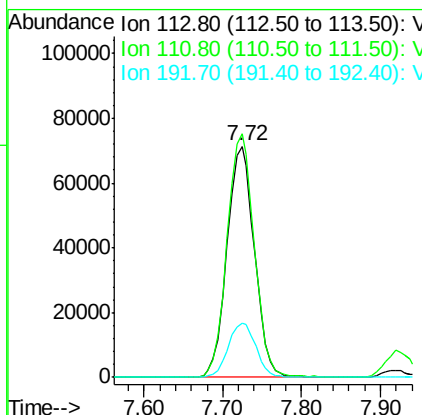
#35
Dibromofluoromethane
Concen: 47.112 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tot Ion	Ratio	Resp	Lower	Upper
113	100	172488		
111	104.5	82.1	123.1	
192	23.6	18.8	28.2	

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

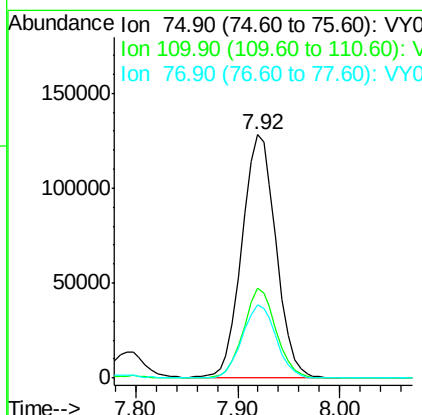
Manual Integrations
APPROVED

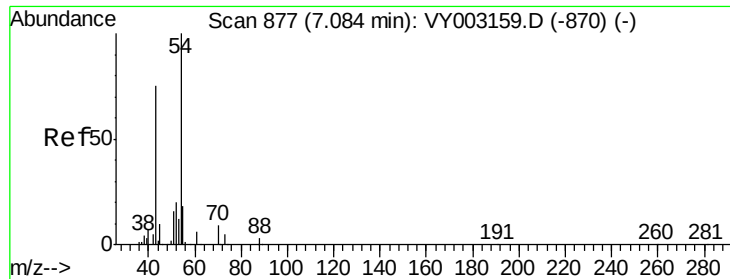
MMDadoda
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#36
1,1-Dichloropropene
Concen: 51.385 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	296295		
110	35.6	18.1	54.1	
77	30.4	24.8	37.2	





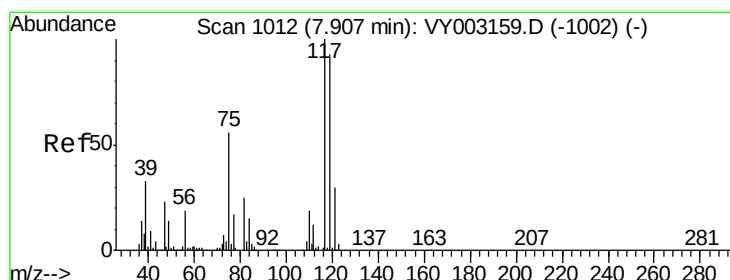
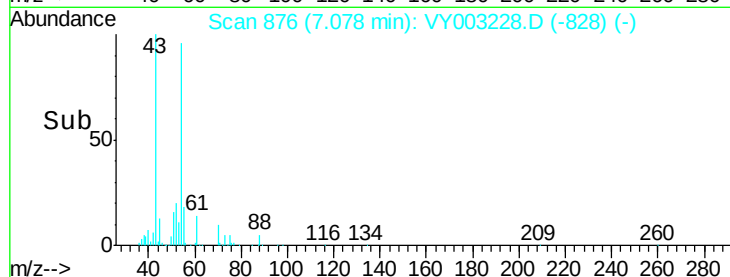
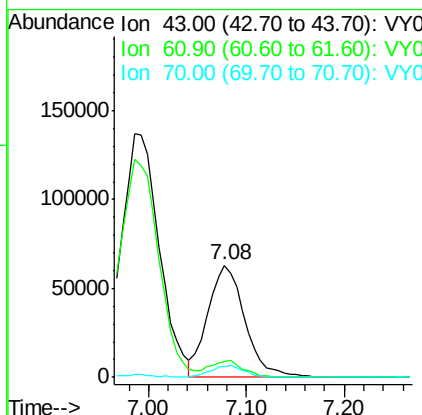
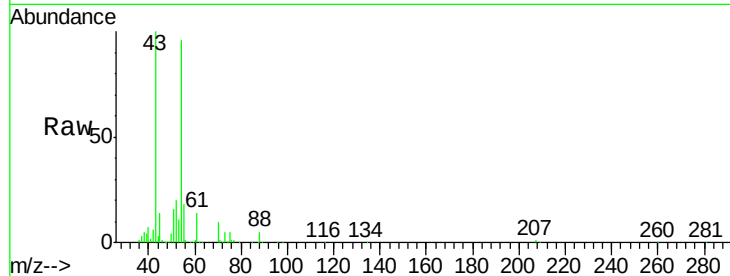
#37
Ethyl Acetate
Concen: 52.982 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.8	17.6
70	9.9	8.6	13.0

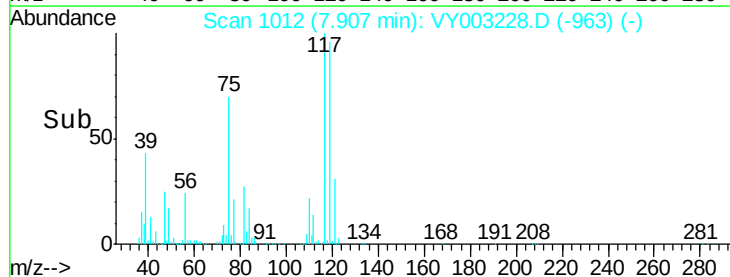
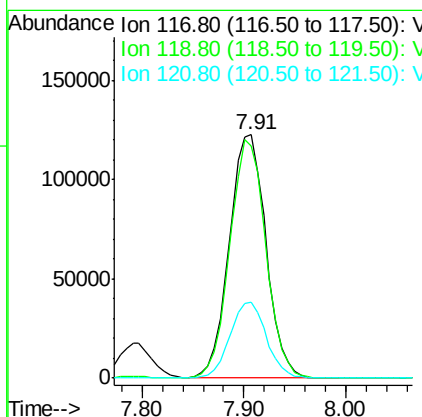
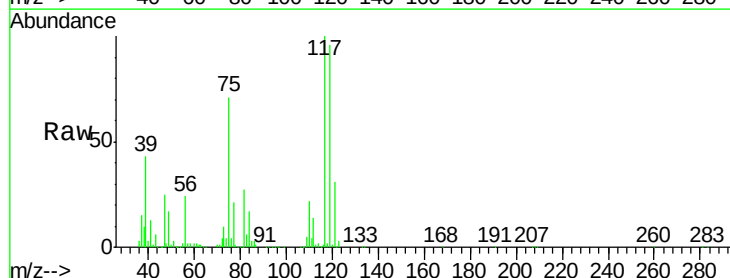
Manual Integrations
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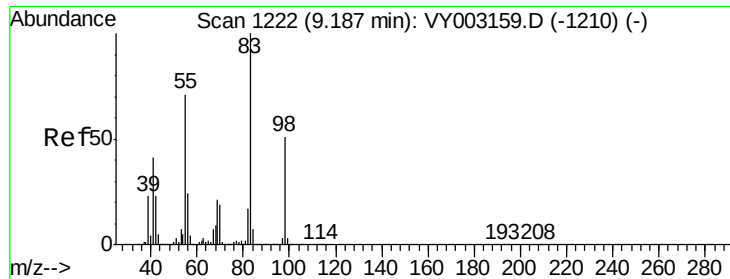
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#38
Carbon Tetrachloride
Concen: 51.207 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.5	111.7
121	31.3	24.2	36.2





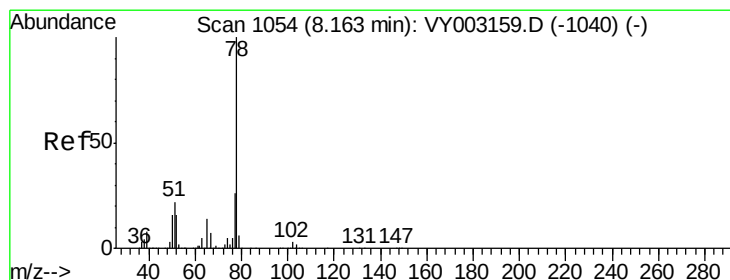
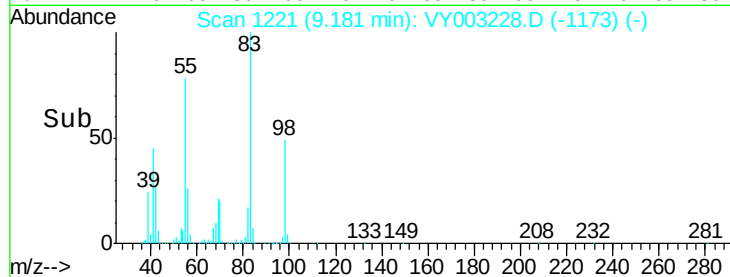
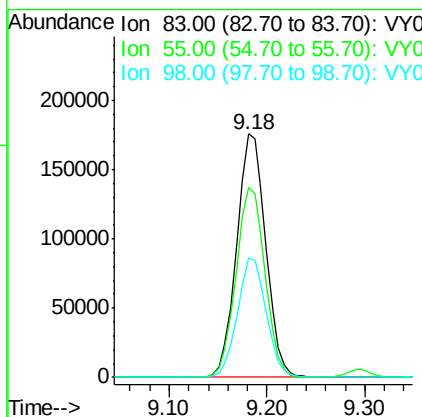
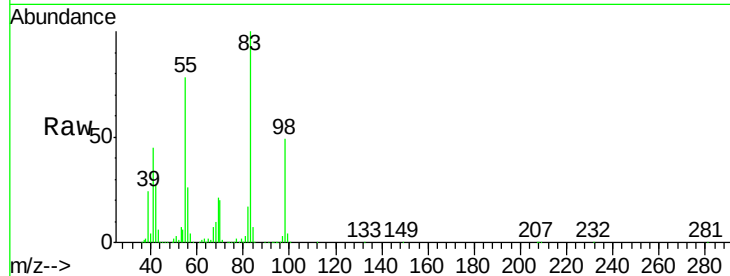
#39
Methylvlcyclohexane
Concen: 49.905 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	57.2	85.8
98	49.1	41.0	61.6

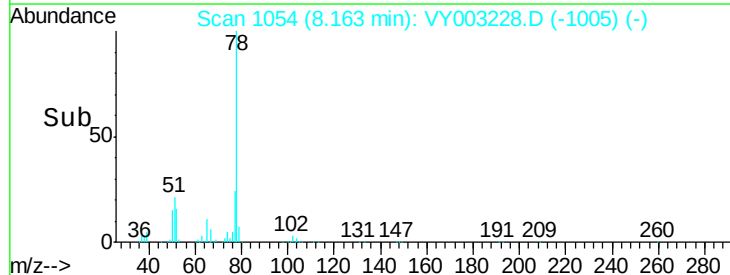
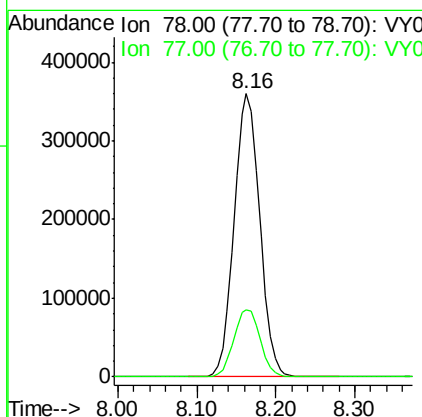
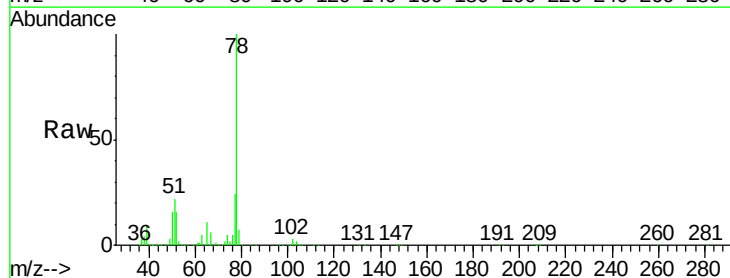
Manual Integrations
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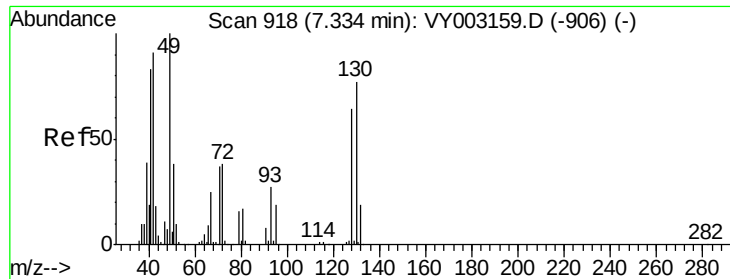
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#40
Benzene
Concen: 51.187 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	20.7	31.1





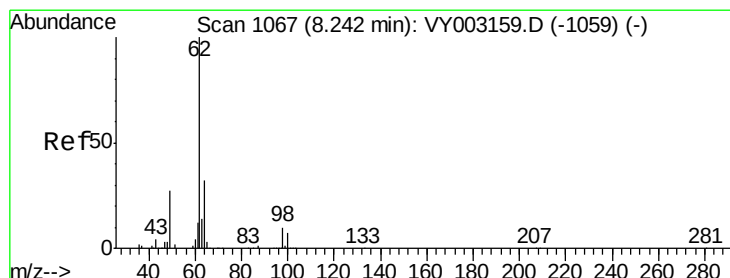
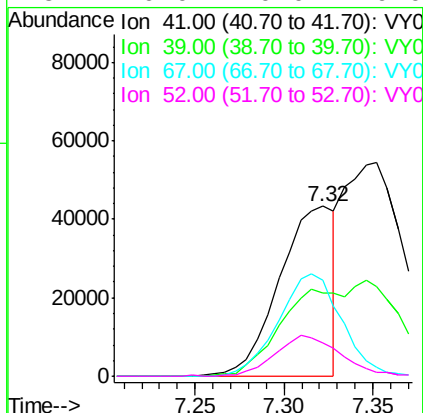
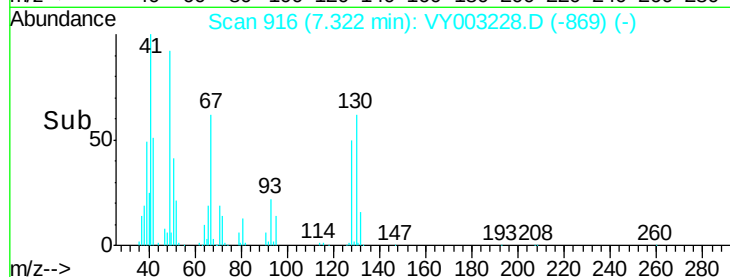
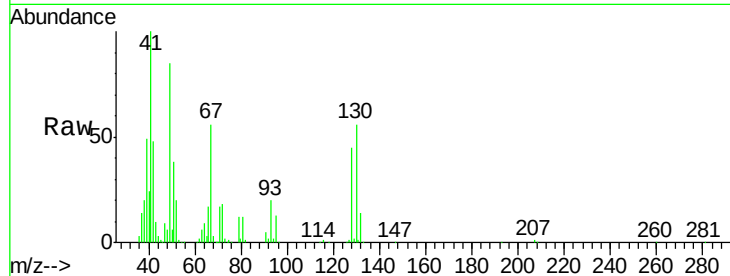
#41
Methacrylonitrile
Concen: 50.450 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	94351
Ion Ratio	Lower	Upper	
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

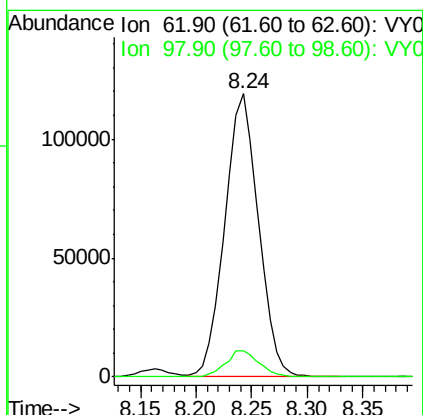
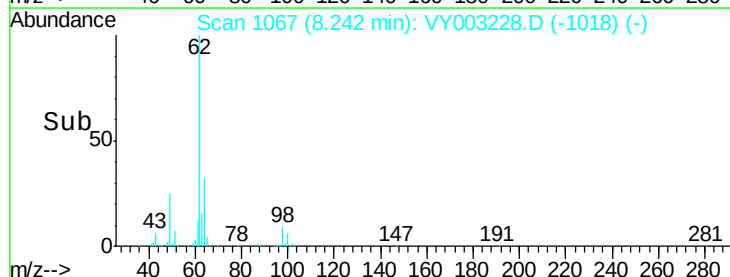
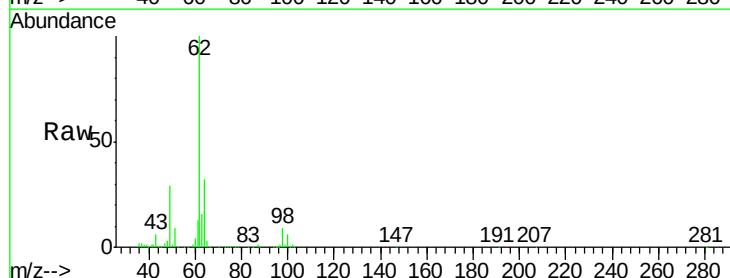
Manual Integrations
APPROVED

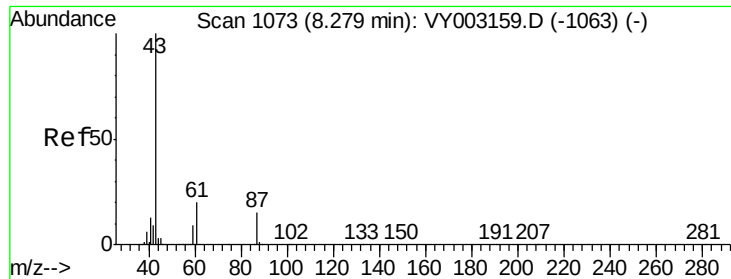
MMDadoda
7/21/2020 4:58:49 PM



#42
1,2-Dichloroethane
Concen: 51.021 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	62	Resp	249386
Ion Ratio	Lower	Upper	
62	100		
98	9.2	0.0	19.0





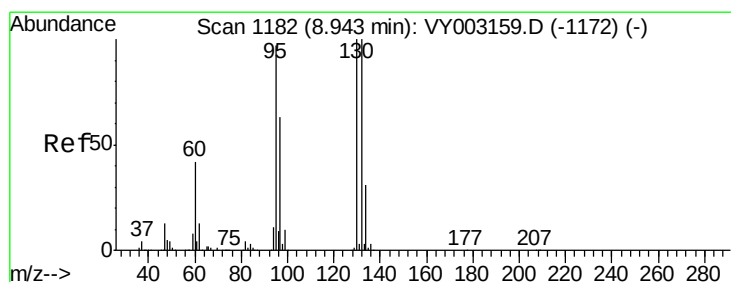
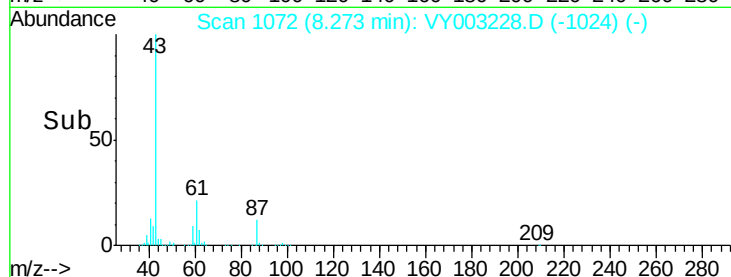
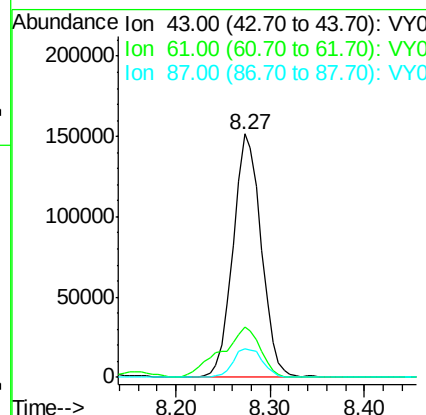
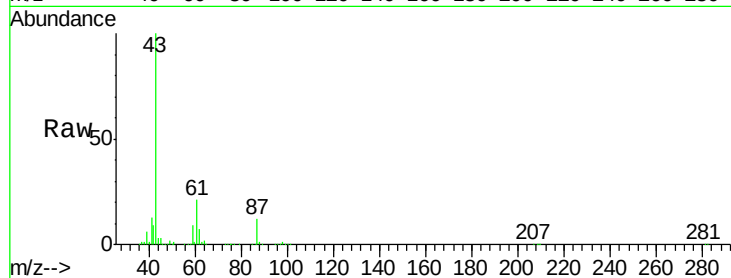
#43
Isopropyl Acetate
Concen: 52.254 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.7	35.5
87	12.5	11.4	17.0

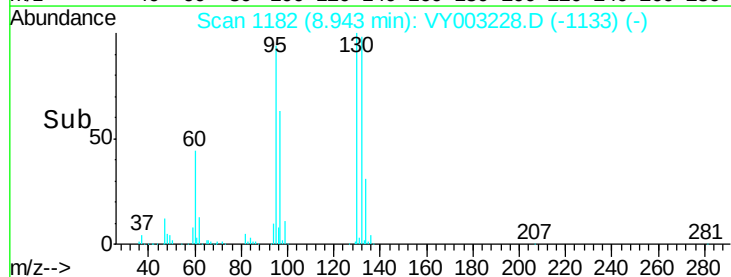
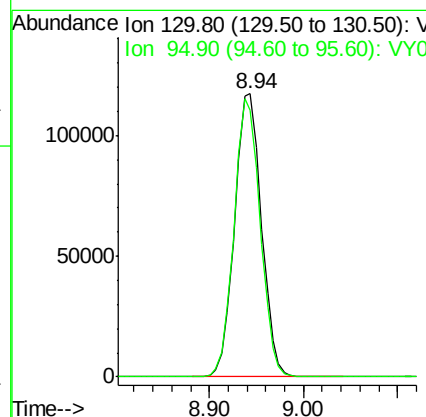
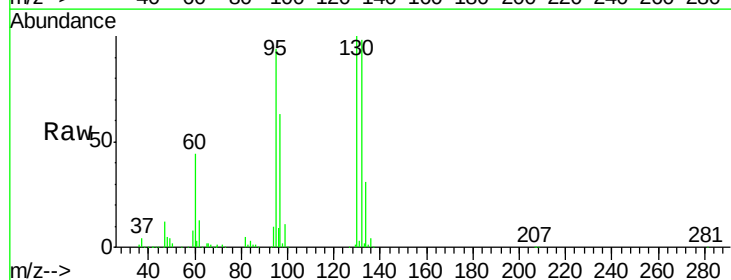
Manual Integrations
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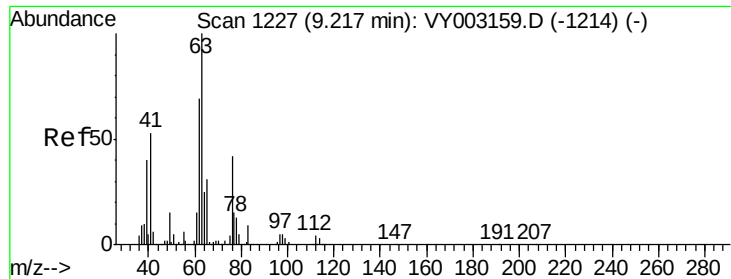
MMDadoda
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#44
Trichloroethene
Concen: 47.685 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	193.8





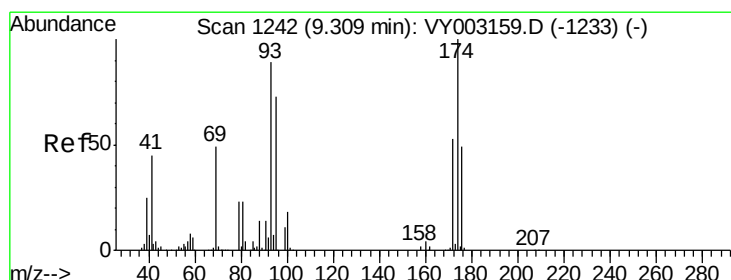
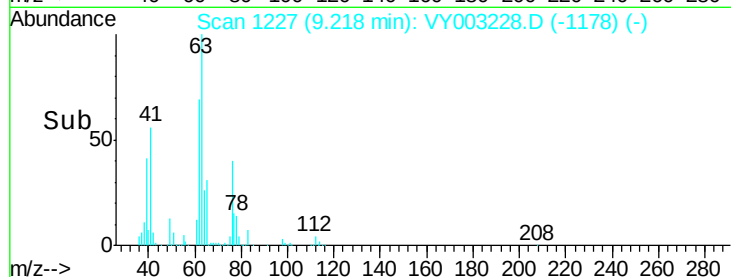
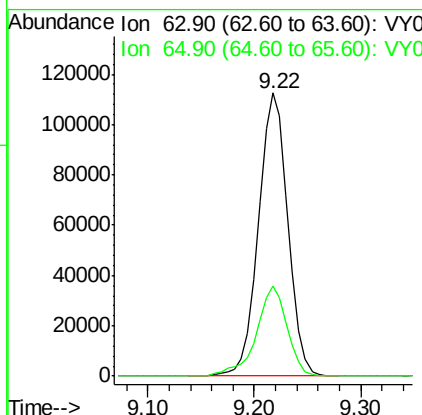
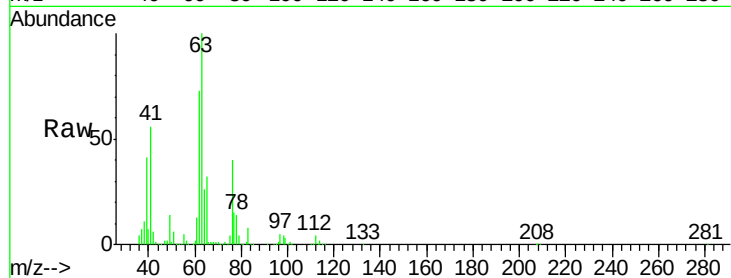
#45
 1,2-Dichloropropane
 Concen: 52.817 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.0	37.4

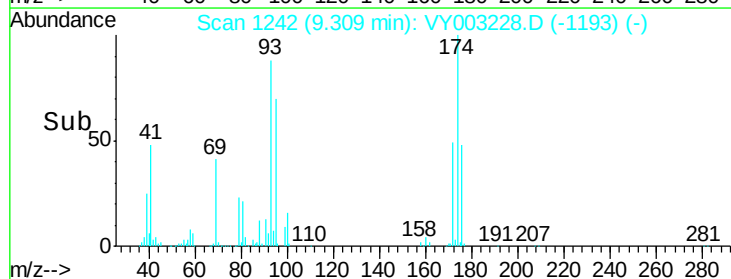
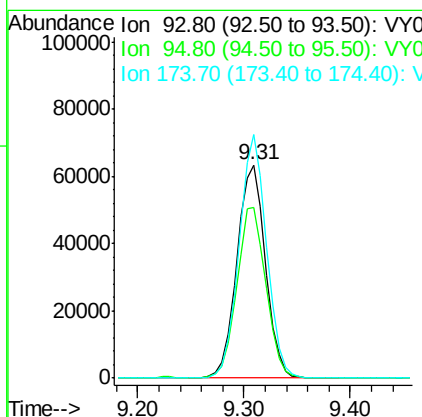
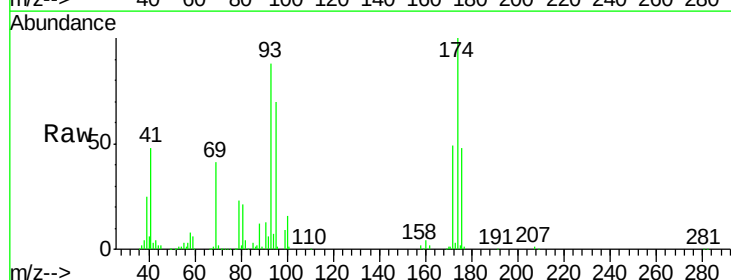
Manual Integrations
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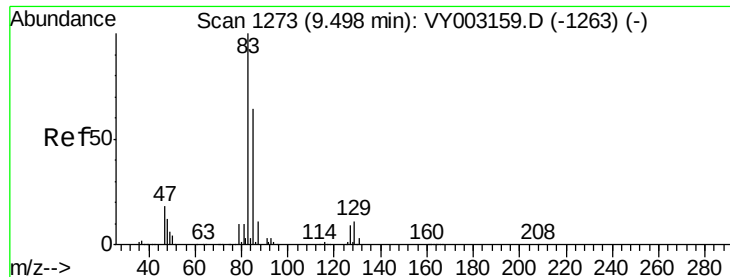
MMDadoda
 7/21/2020 4:58:49 PM



#46
 Dibromomethane
 Concen: 49.431 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	66.6	99.8
174	110.5	90.2	135.4





#47

Bromodichloromethane

Concen: 51.513 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

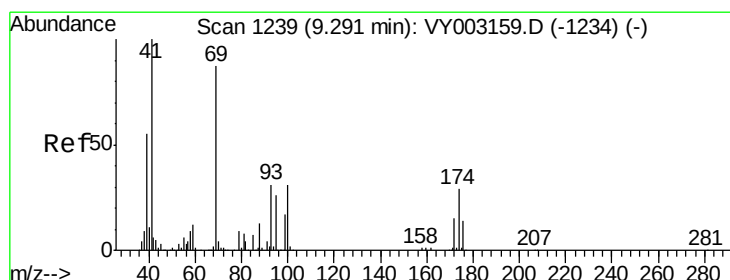
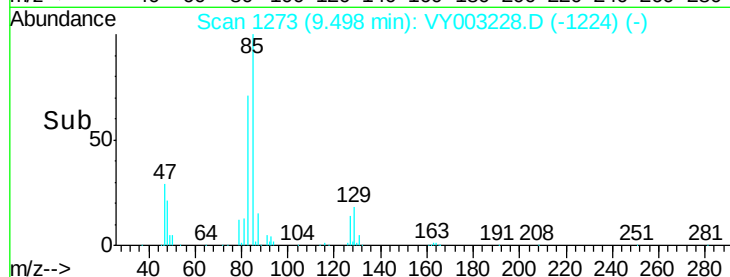
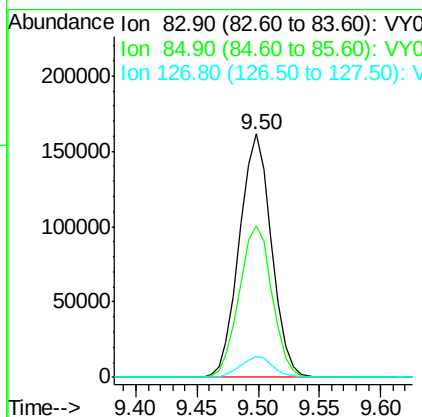
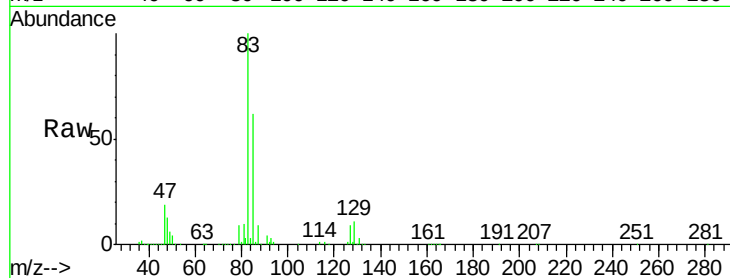
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	293970
Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.9	76.3
127	8.8	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.513 ug/l

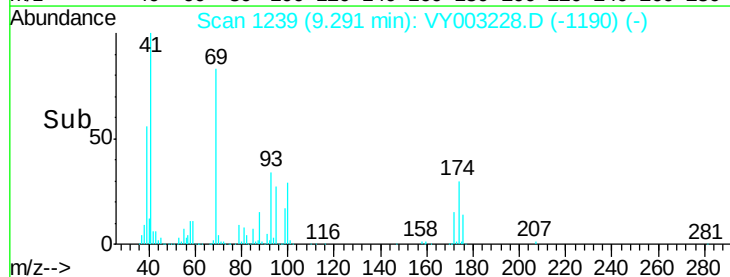
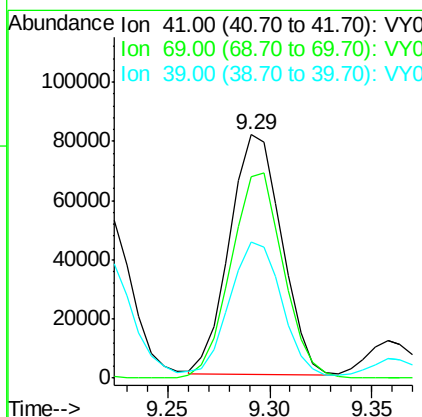
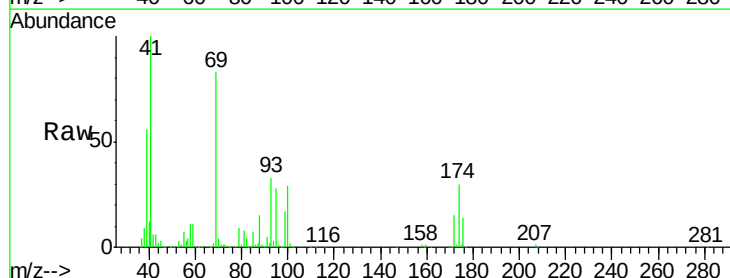
RT: 9.29 min Scan# 1239

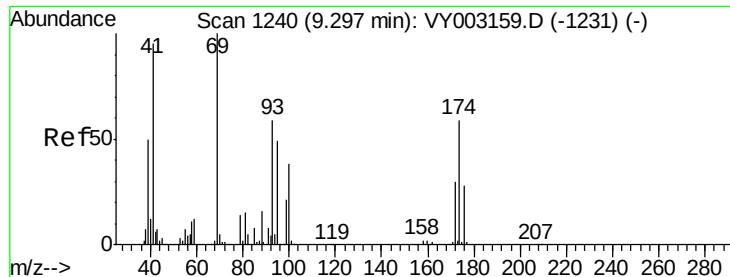
Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Tgt Ion:	41	Resp:	143795
Ion	Ratio	Lower	Upper
41	100		
69	86.2	74.5	111.7
39	55.3	47.5	71.3





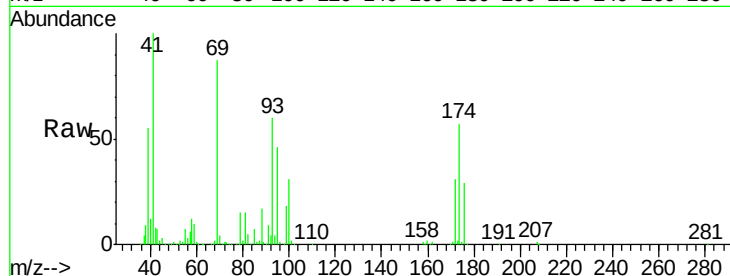
#49
1,4-Dioxane
Concen: 1035.424 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

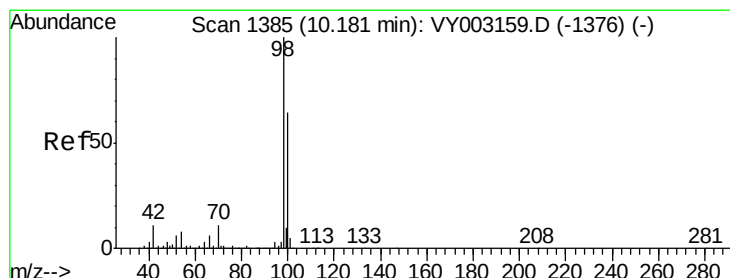
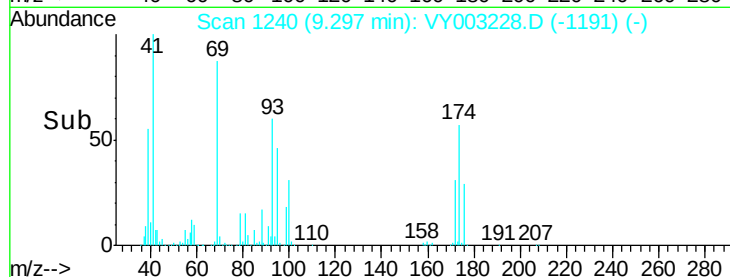
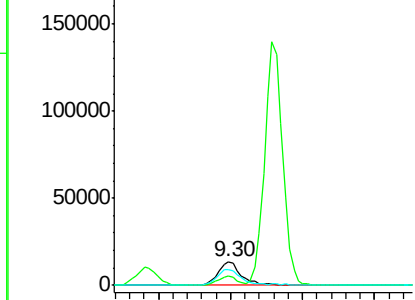
Tot Ion	88	Resp	31532
Ion Ratio	Lower	Upper	
88	100		
43	32.1	25.6	38.4
58	66.8	47.8	71.6

Manual Integrations
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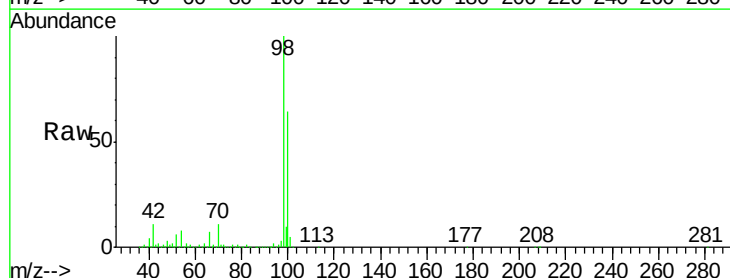


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

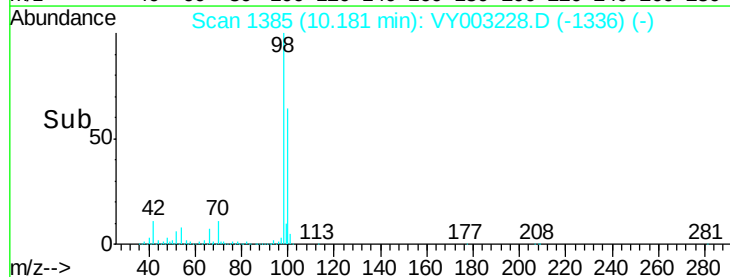
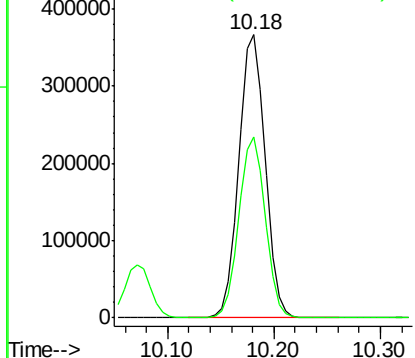


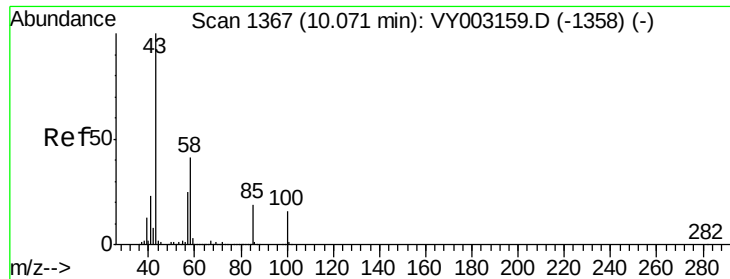
#50
Toluene-d8
Concen: 46.986 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	98	Resp	639564
Ion Ratio	Lower	Upper	
98	100		
100	64.1	50.7	76.1



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: 262.933 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 821438

Ion Ratio Lower Upper

43 100

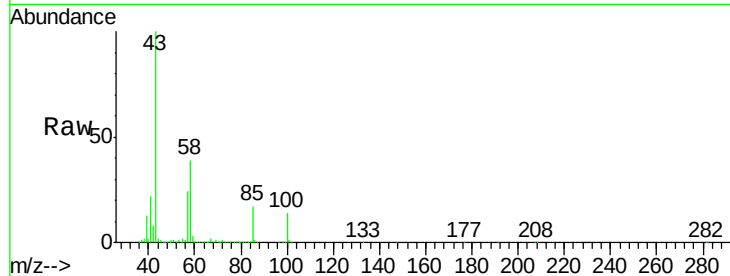
58 39.0 32.7 49.1

Manual Integrations

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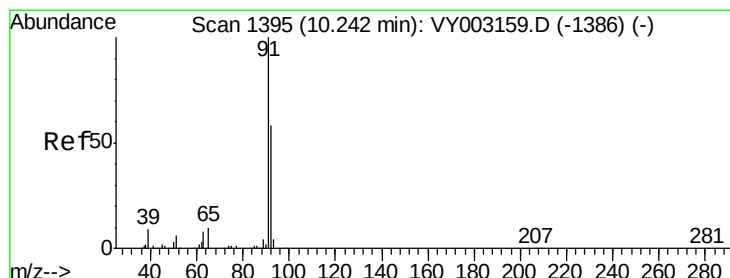
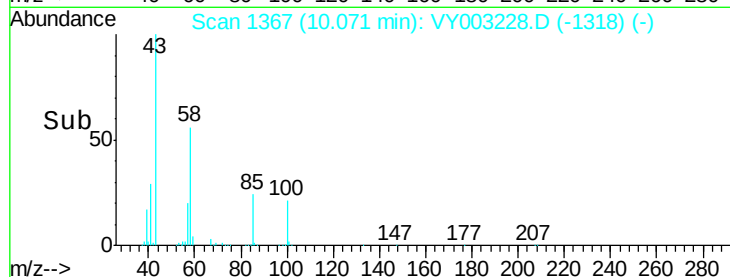
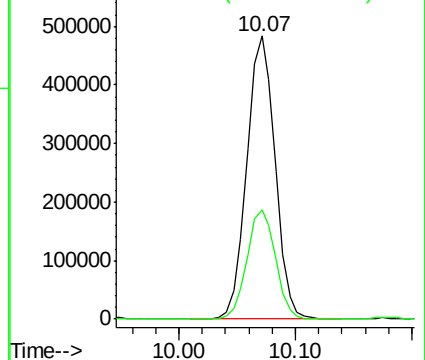
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 50.146 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003228.D

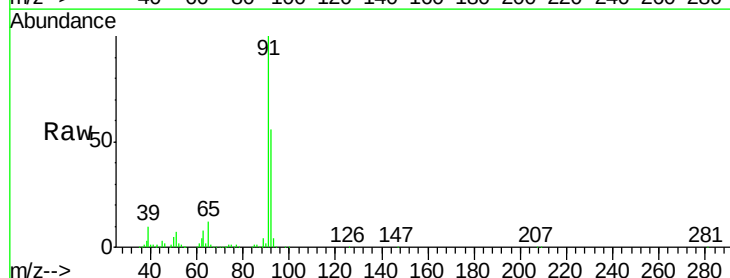
Acq: 20 Jul 2020 12:54

Tgt Ion: 92 Resp: 508879

Ion Ratio Lower Upper

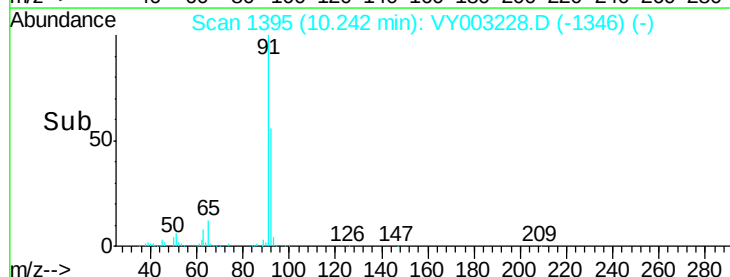
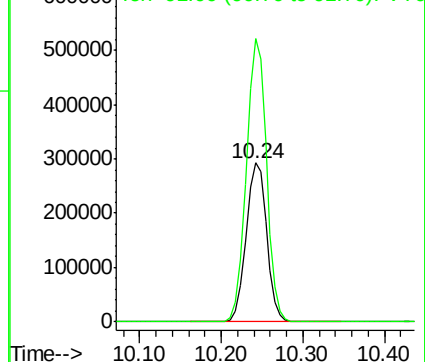
92 100

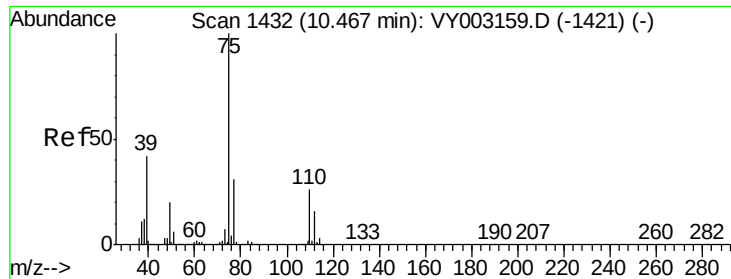
91 174.8 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





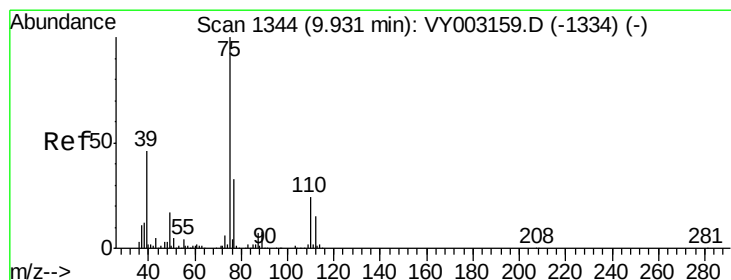
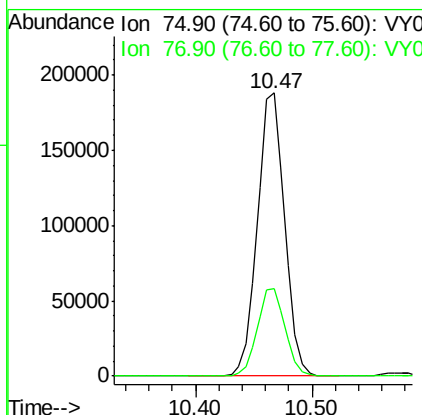
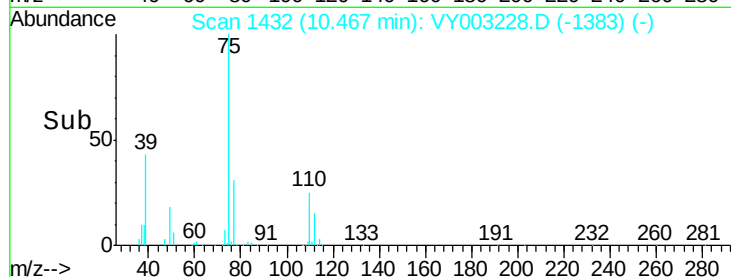
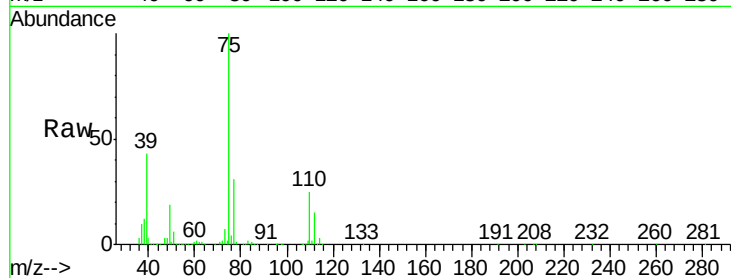
#53
 t-1,3-Dichloropropene
 Concen: 51.981 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 307350
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8

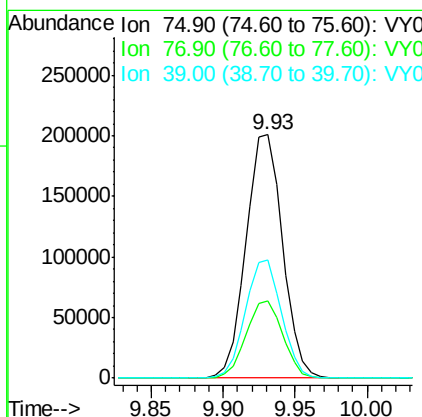
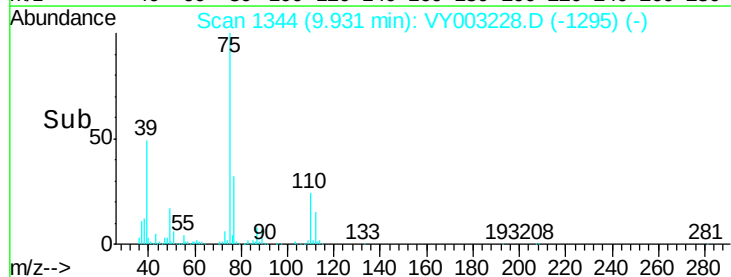
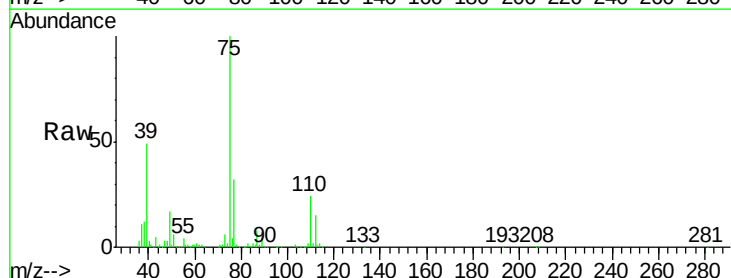
Manual Integrations
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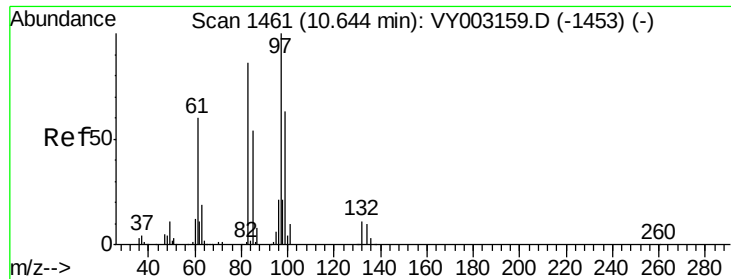
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#54
 cis-1,3-Dichloropropene
 Concen: 51.627 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion: 75 Resp: 351713
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.7 40.1
 39 48.7 37.0 55.6





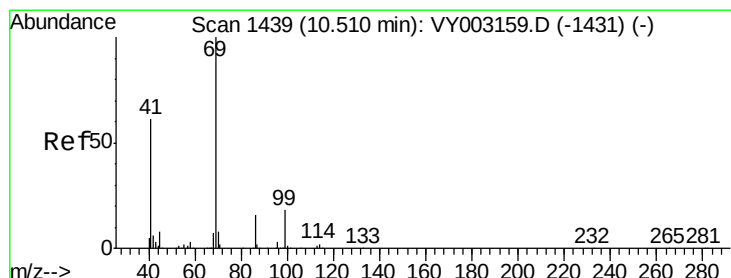
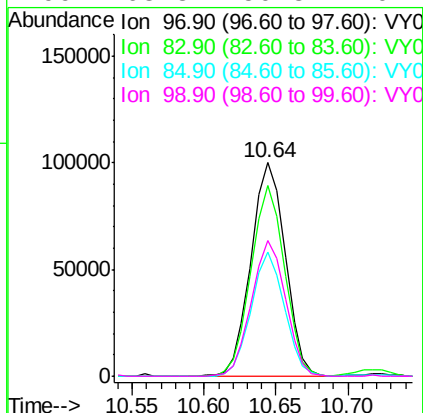
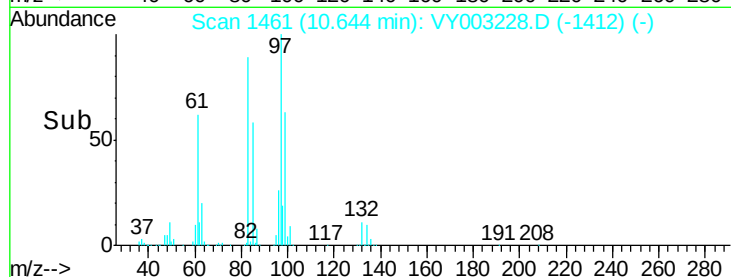
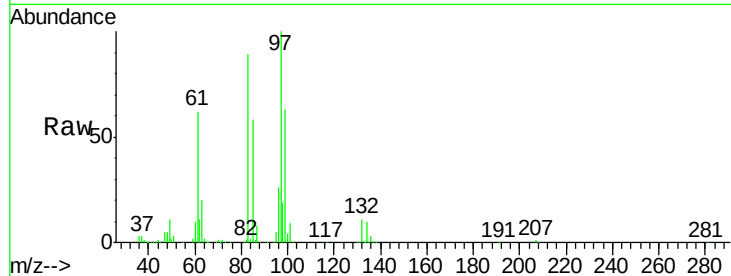
#55
 1,1,2-Trichloroethane
 Concen: 48.540 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	165041
Ion	Ratio	Lower	Upper
97	100		
83	89.1	68.8	103.2
85	58.0	43.1	64.7
99	63.3	50.8	76.2

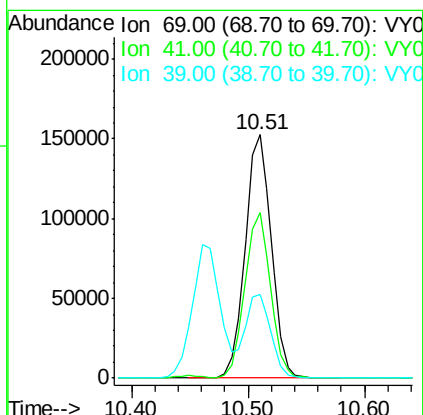
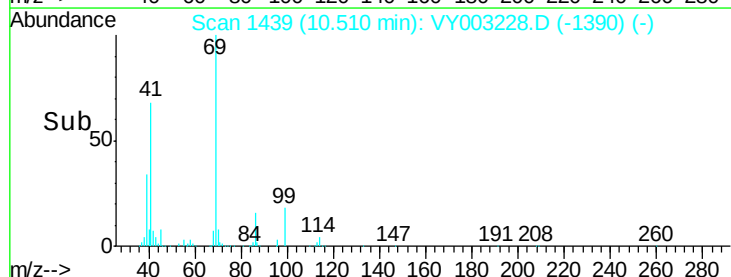
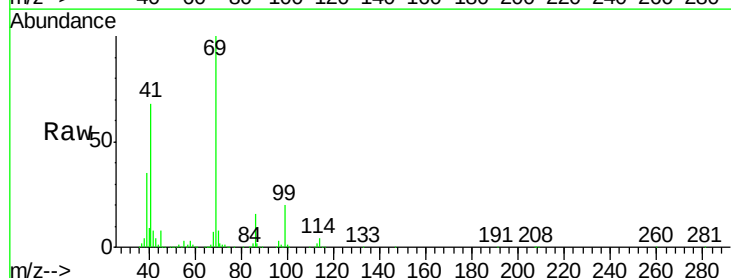
Manual Integrations
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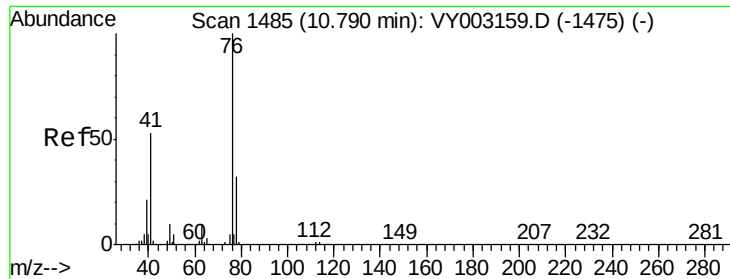
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#56
 Ethyl methacrylate
 Concen: 51.685 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion:	69	Resp:	238919
Ion	Ratio	Lower	Upper
69	100		
41	67.0	50.0	75.0
39	34.8	27.6	41.4





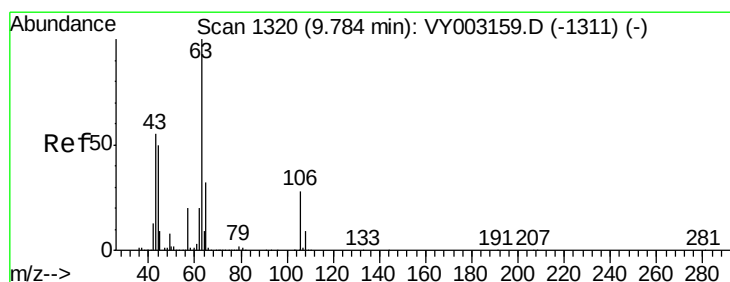
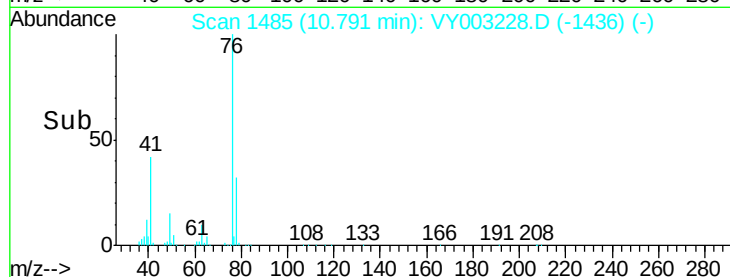
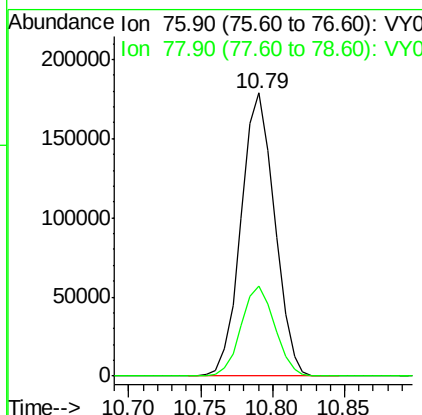
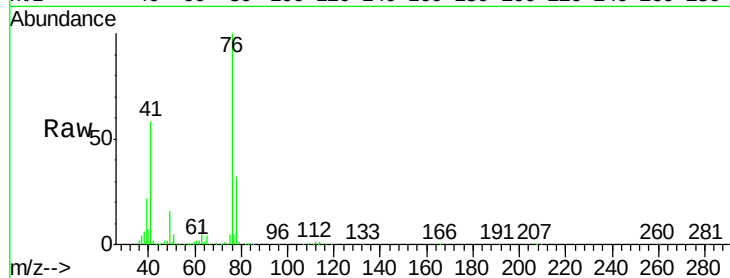
#57
 1,3-Dichloropropane
 Concen: 50.132 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.0	39.0

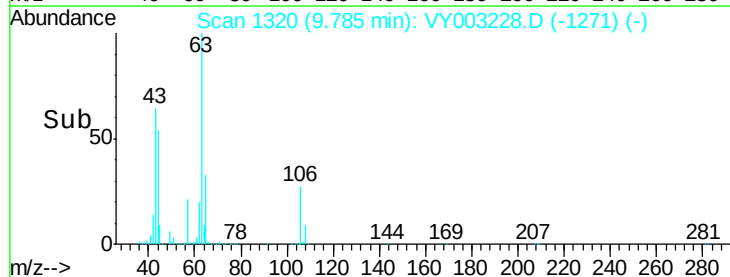
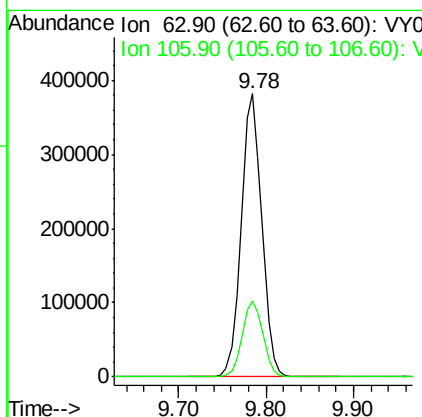
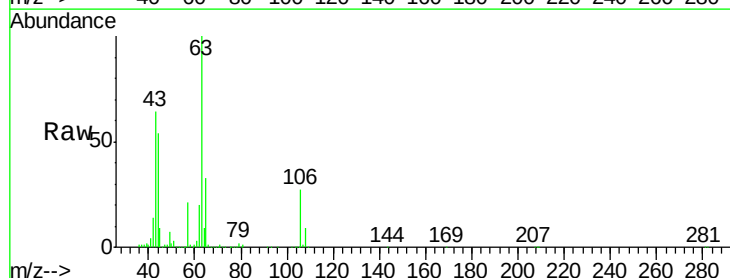
Manual Integrations
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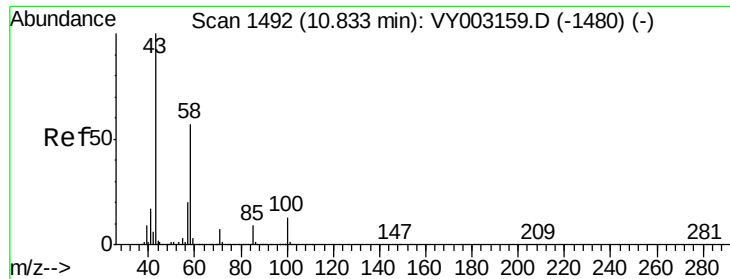
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#58
 2-Chloroethyl Vinyl ether
 Concen: 263.834 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.0	22.9	34.3





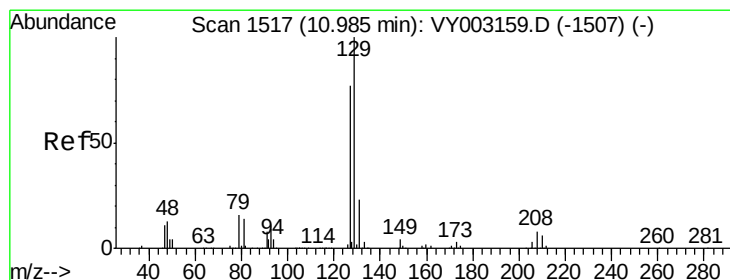
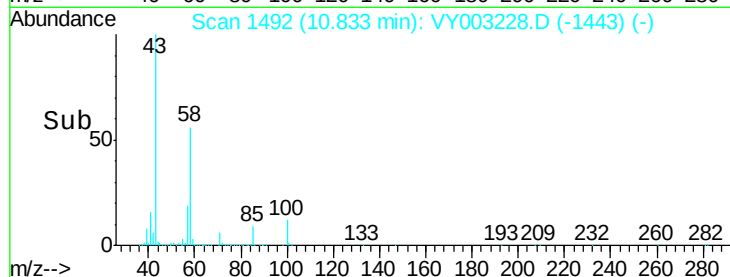
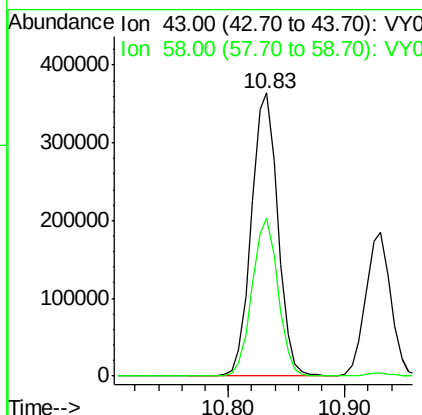
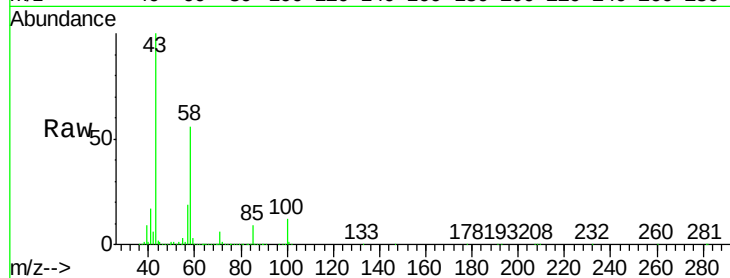
#59
2-Hexanone
Concen: 264.526 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.8	28.3	85.0

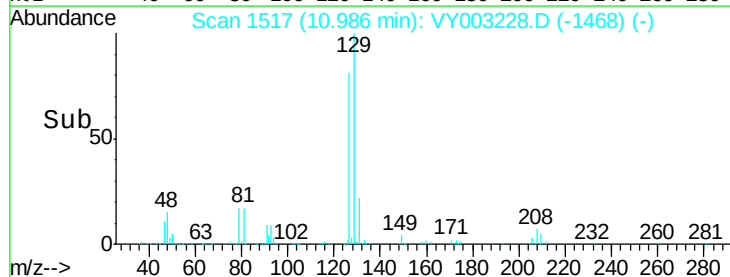
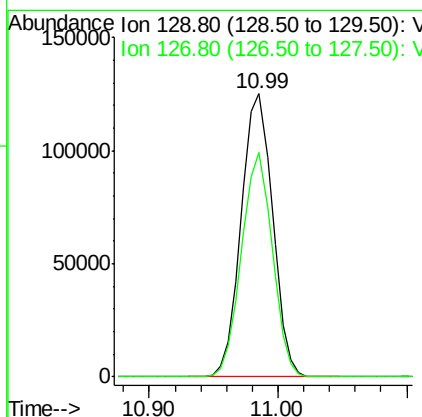
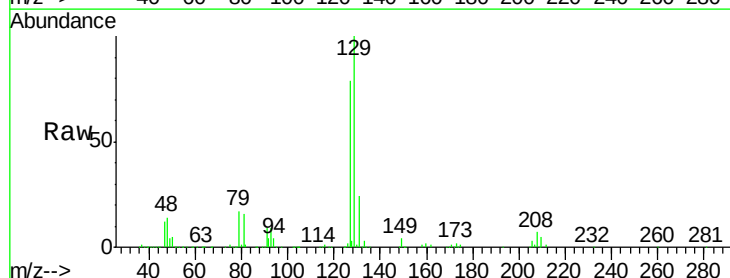
Manual Integrations
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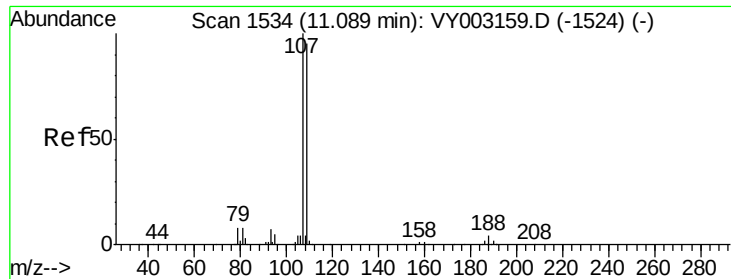
MMDadoda
7/21/2020 4:58:49 PM



#60
Dibromochloromethane
Concen: 49.540 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.5	115.5





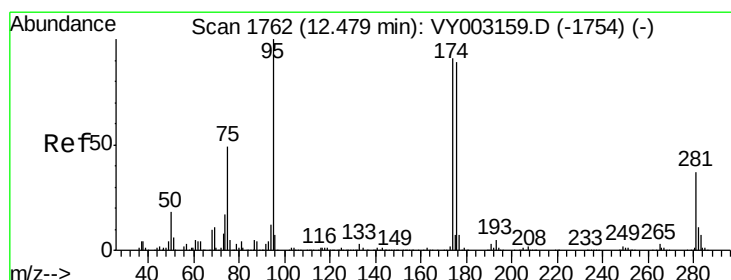
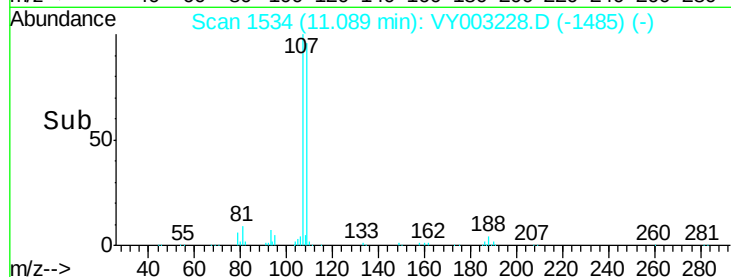
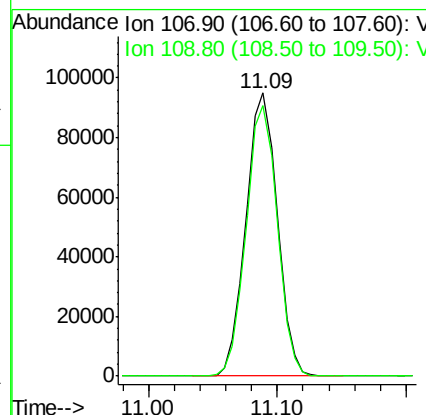
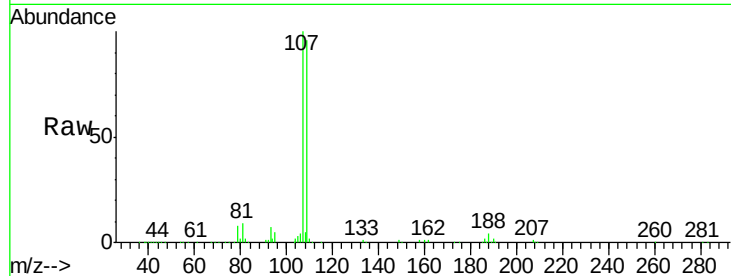
#61
 1,2-Dibromoethane
 Concen: 47.585 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.6	113.4

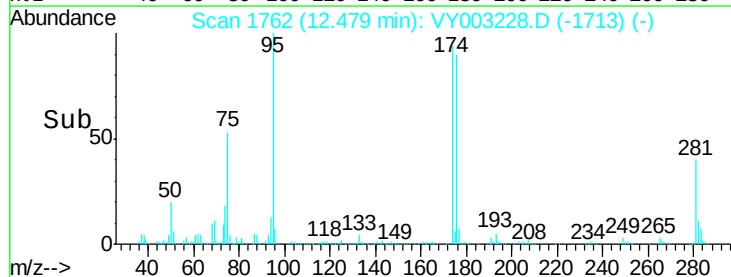
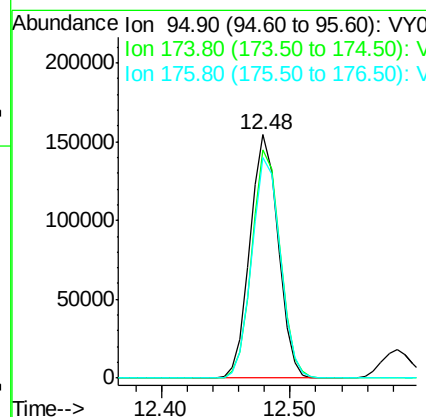
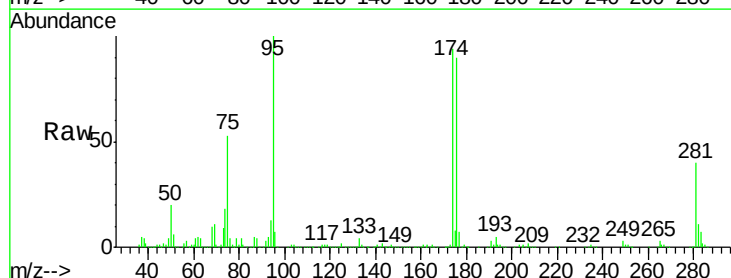
Manual Integrations
 APPROVED

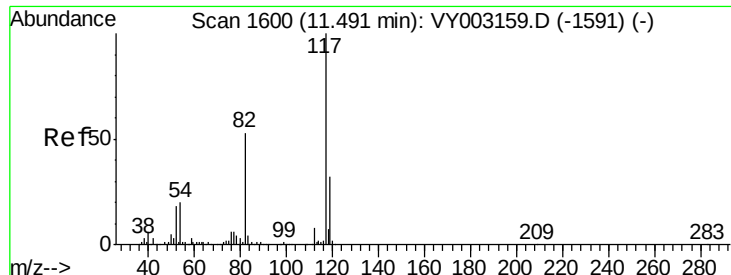
MMDadoda
 7/21/2020 4:58:49 PM



#62
 4-Bromofluorobenzene
 Concen: 47.241 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	190.6
176	91.2	0.0	186.4





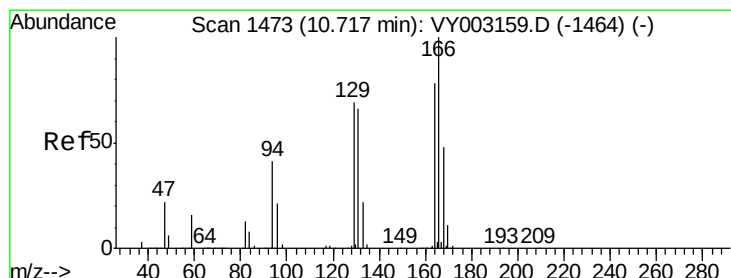
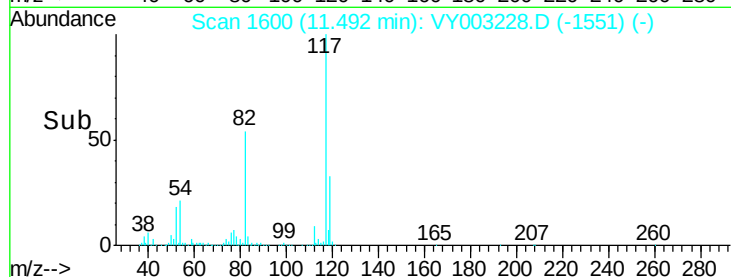
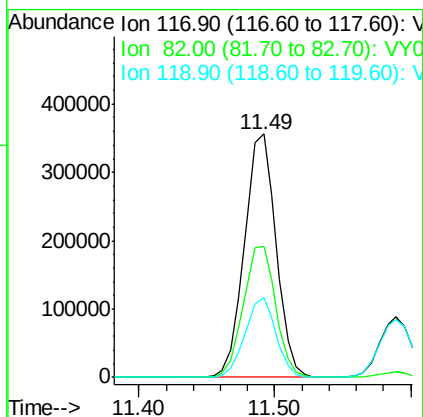
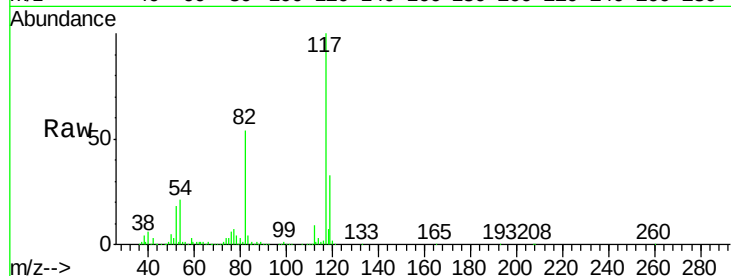
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.0	63.0
119	32.7	25.5	38.3

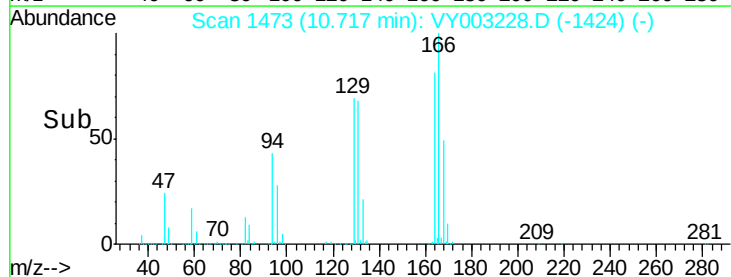
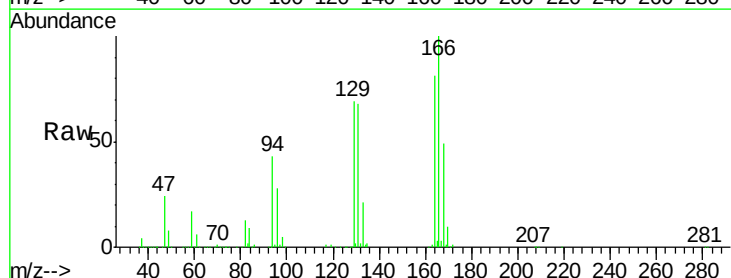
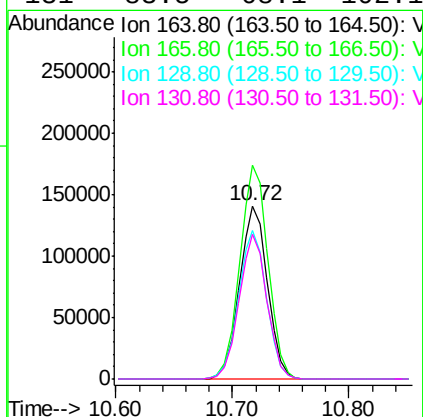
Manual Integrations
APPROVED

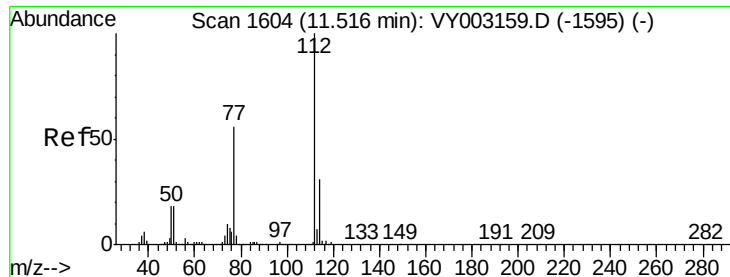
MMDadoda
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#64
Tetrachloroethene
Concen: 45.563 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.5	102.9	154.3
129	85.6	71.4	107.2
131	83.5	68.1	102.1





#65

Chlorobenzene

Concen: 49.915 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 557753

Ion Ratio Lower Upper

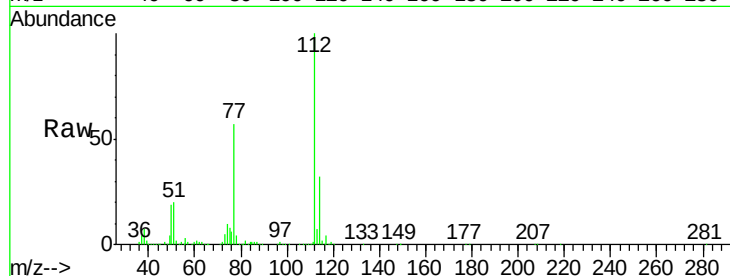
112 100

114 32.0 24.7 37.1

Manual Integrations
APPROVED

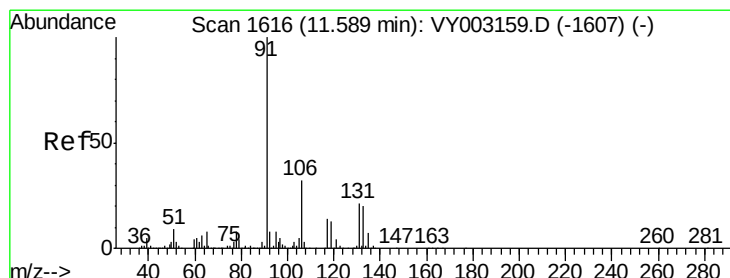
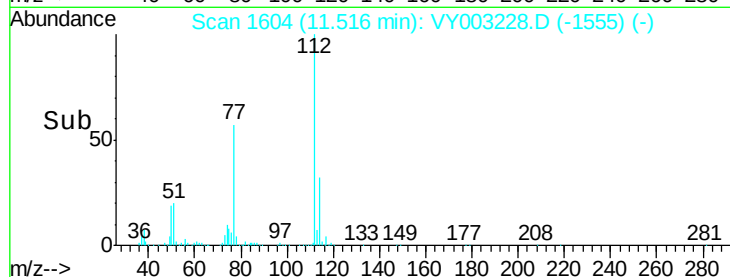
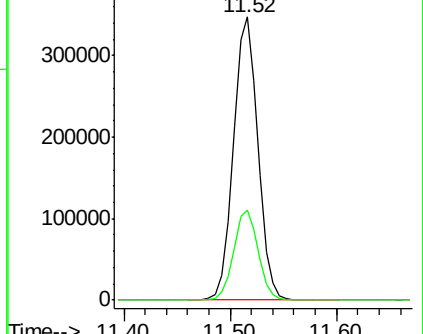
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.333 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

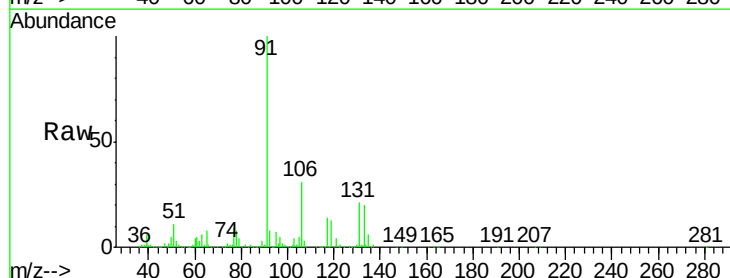
Tgt Ion:131 Resp: 218442

Ion Ratio Lower Upper

131 100

133 95.0 48.0 144.0

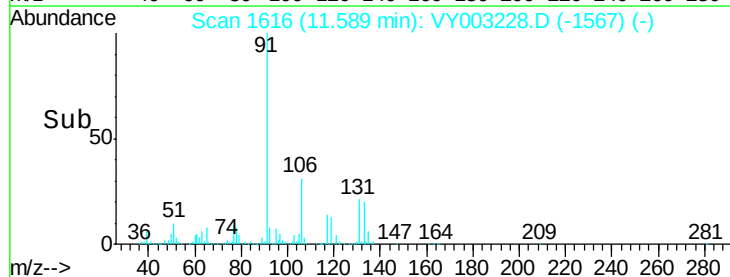
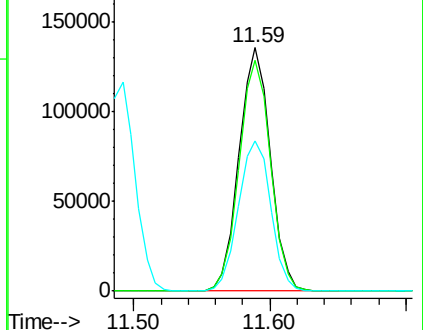
119 63.9 32.4 97.0

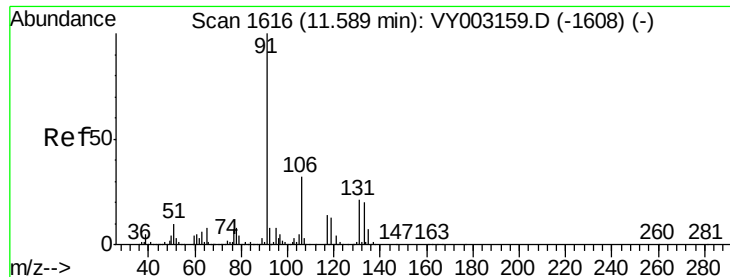


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.227 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1022043

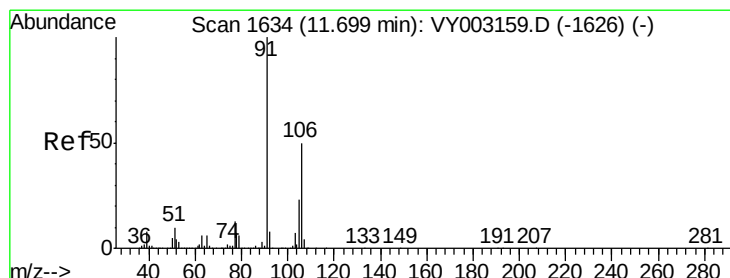
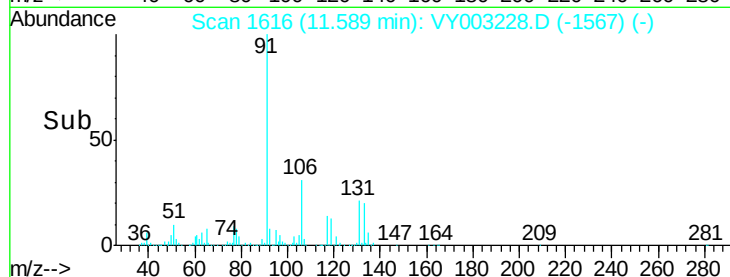
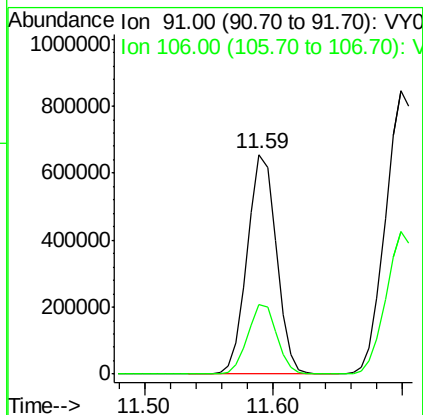
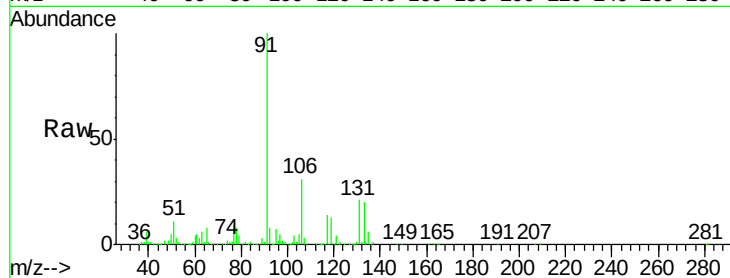
Ion Ratio Lower Upper

91 100

106 31.5 25.5 38.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 101.209 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003228.D

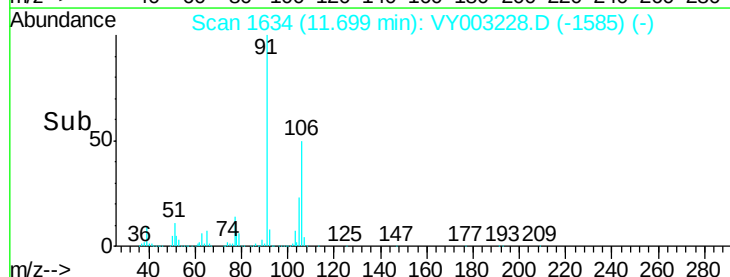
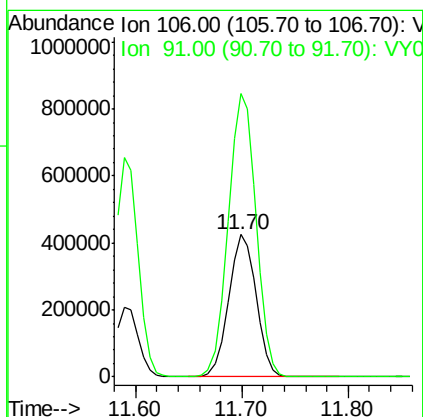
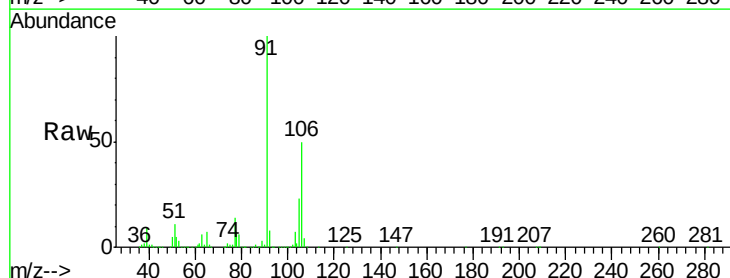
Acq: 20 Jul 2020 12:54

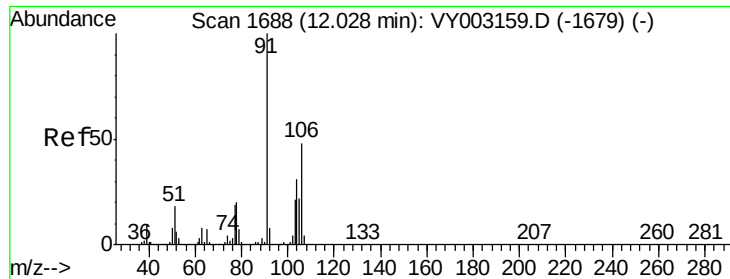
Tgt Ion: 106 Resp: 766159

Ion Ratio Lower Upper

106 100

91 201.6 159.0 238.6





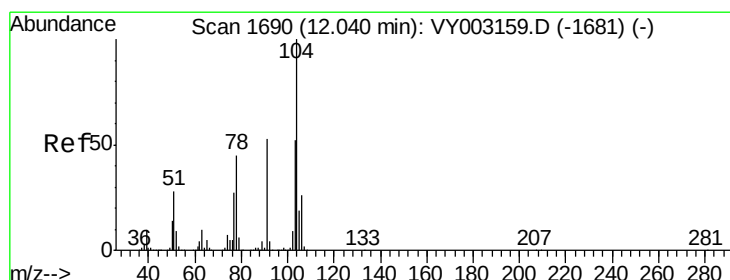
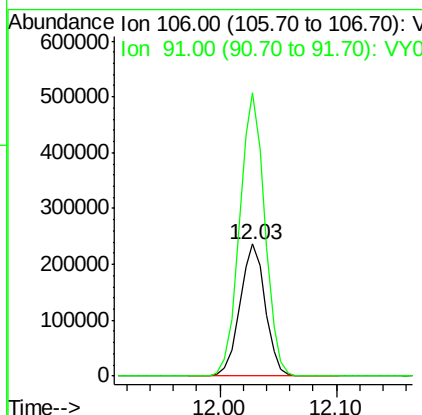
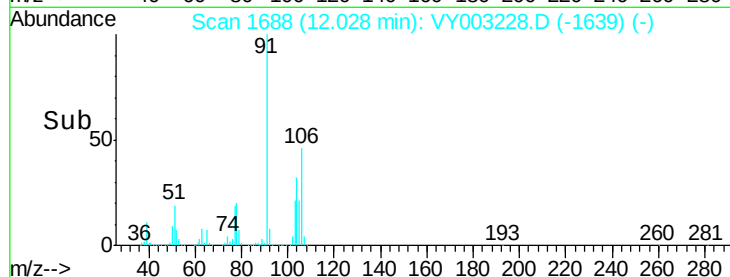
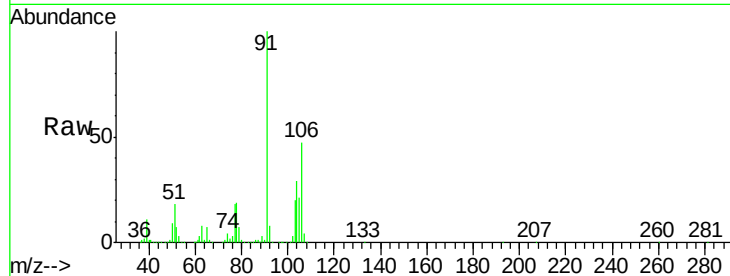
#69
o-Xylene
Concen: 50.628 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.7	105.1	315.1	

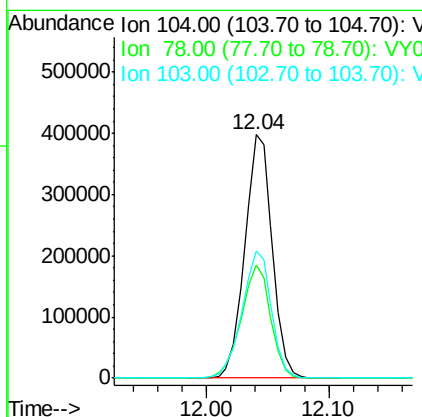
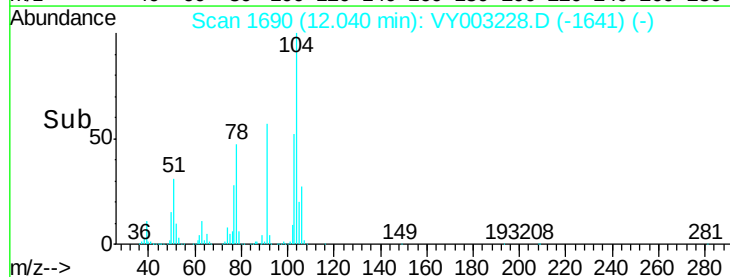
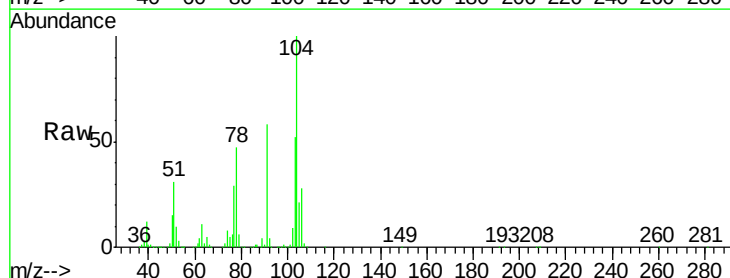
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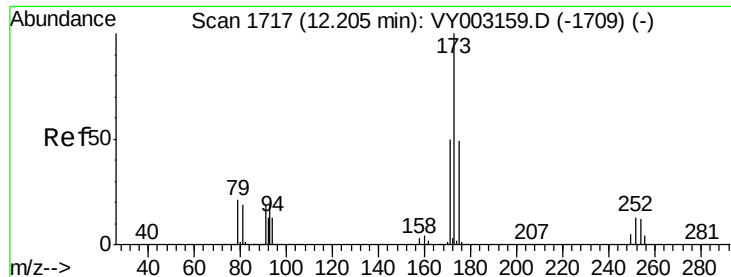
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#70
Styrene
Concen: 51.138 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.8	38.5	57.7	
103	55.8	43.9	65.9	





#71

Bromoform

Concen: 48.042 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

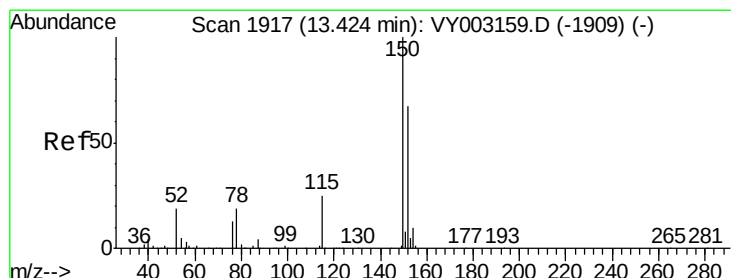
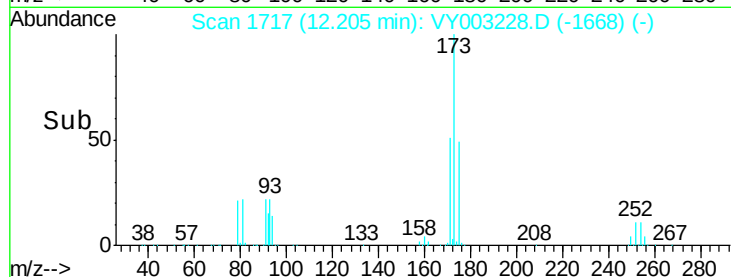
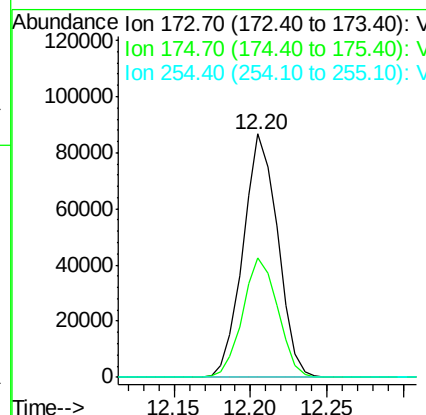
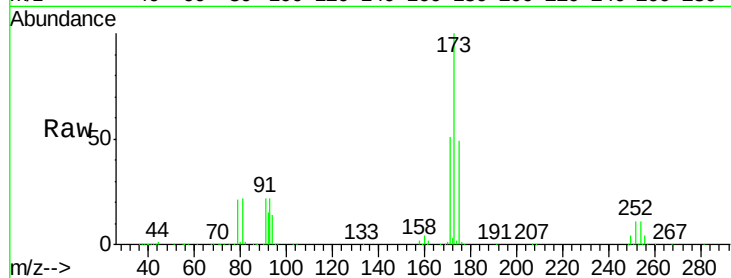
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.3	73.0
254	0.1	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

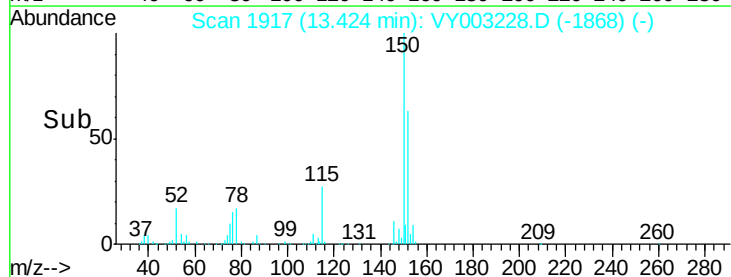
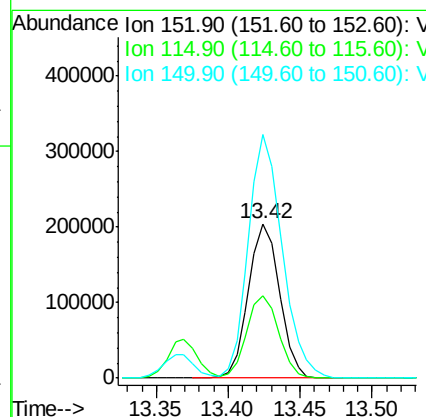
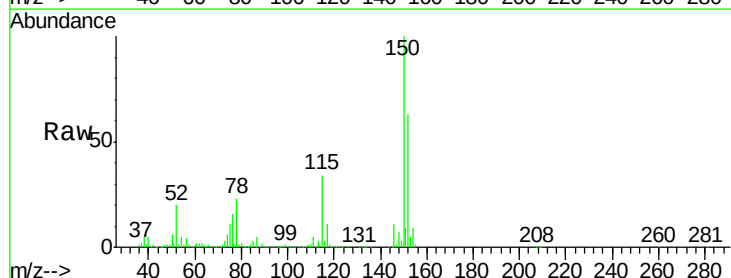
RT: 13.42 min Scan# 1917

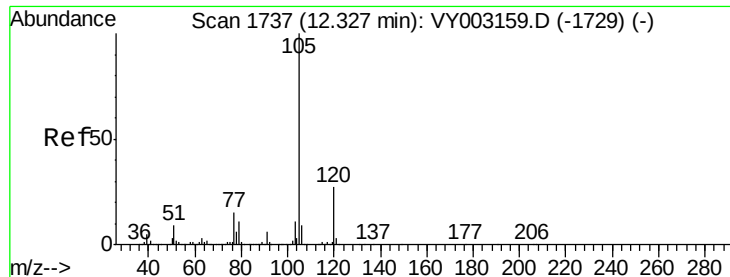
Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	26.9	80.7
150	170.8	0.0	338.0





#73

Isopropylbenzene

Concen: 50.737 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 991878

Ion Ratio Lower Upper

105 100

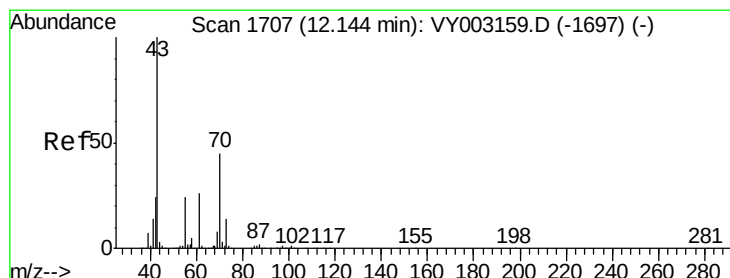
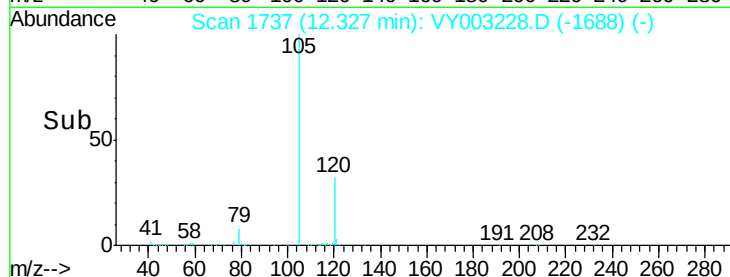
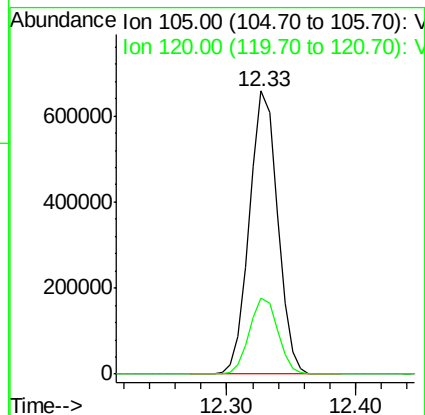
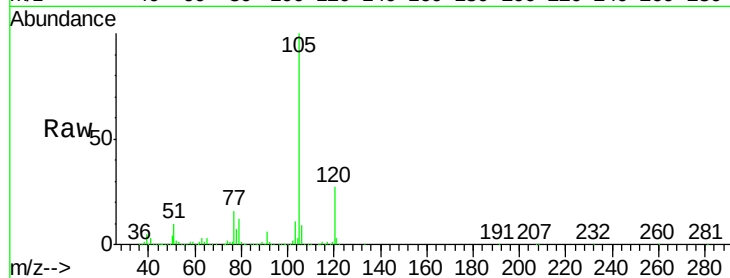
120 27.1 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 53.793 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Tgt Ion: 43 Resp: 295070

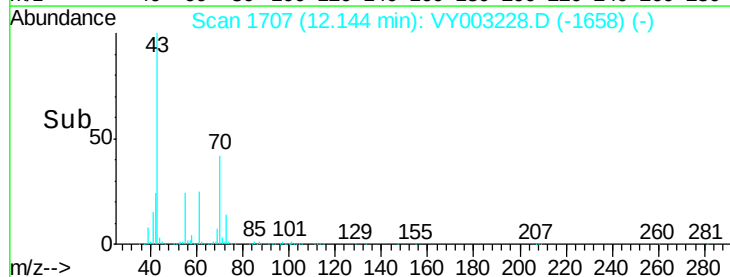
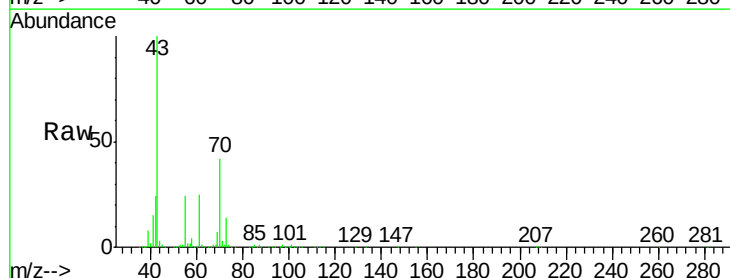
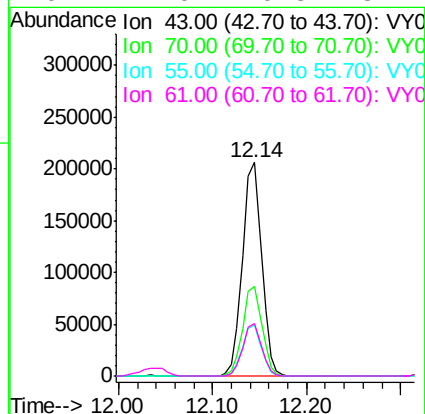
Ion Ratio Lower Upper

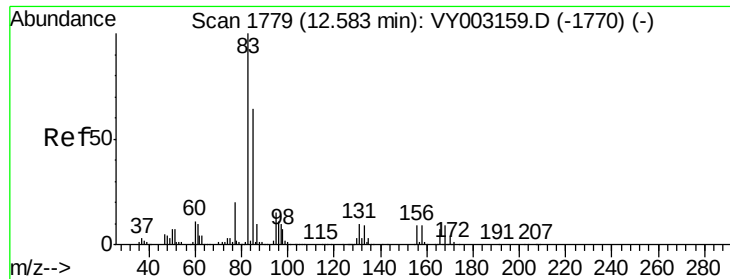
43 100

70 42.2 35.6 53.4

55 23.7 19.4 29.2

61 24.0 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.283 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

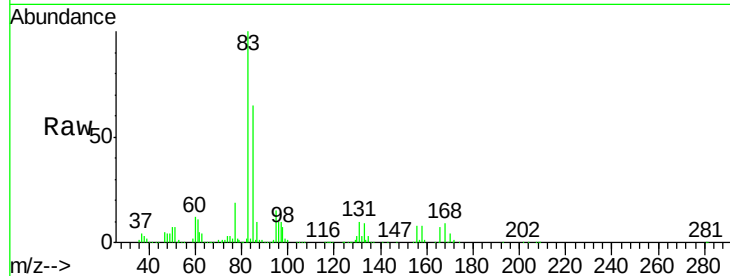
ClientSampleId :

VSTDCCC050

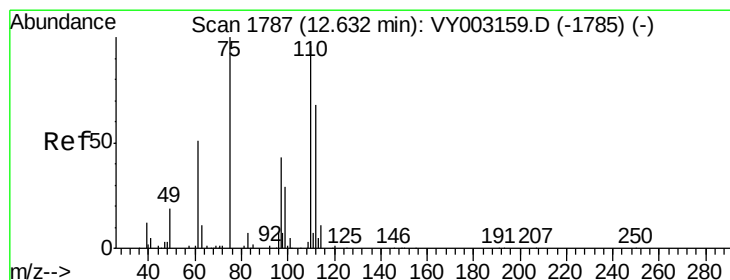
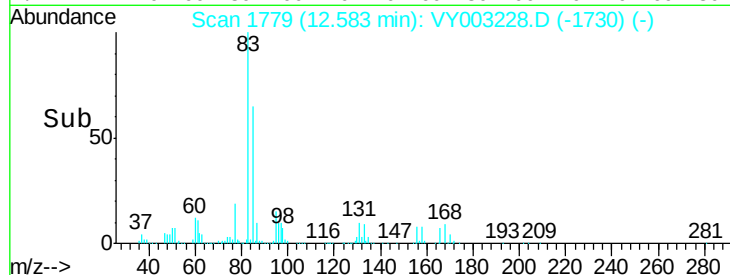
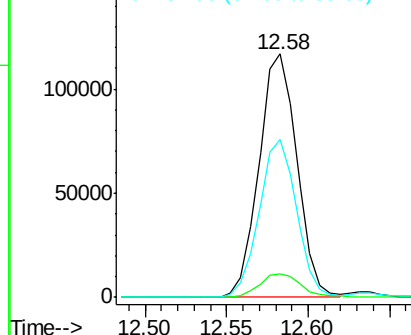
Tot Ion:	83	Resp:	189854
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.2	15.6
85	63.8	32.0	96.0

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



#76

1,2,3-Trichloropropane

Concen: 49.427 ug/l m

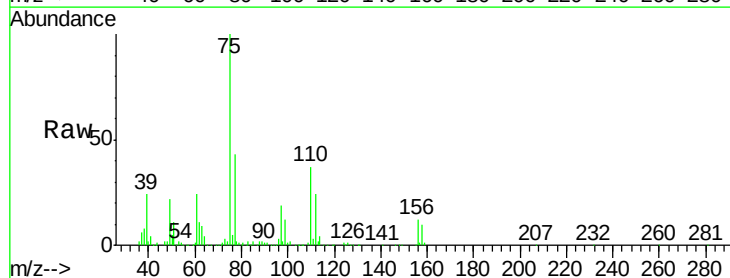
RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

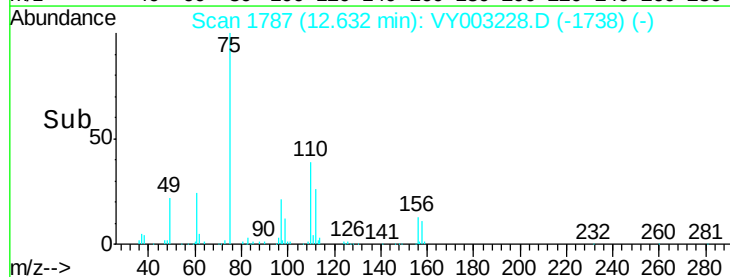
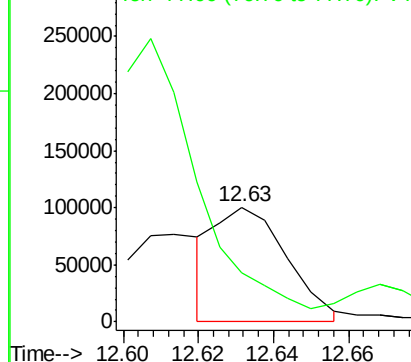
Lab File: VY003228.D

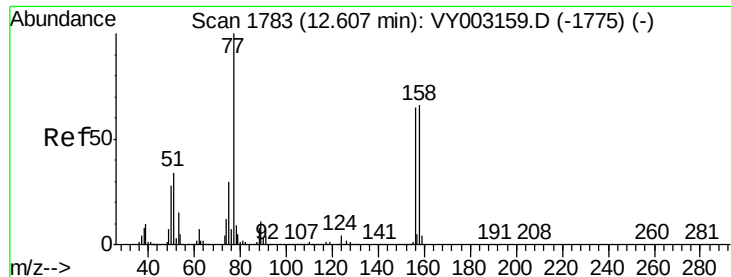
Acq: 20 Jul 2020 12:54

Tgt Ion:	75	Resp:	134215
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



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





#77

Bromobenzene

Concen: 49.405 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

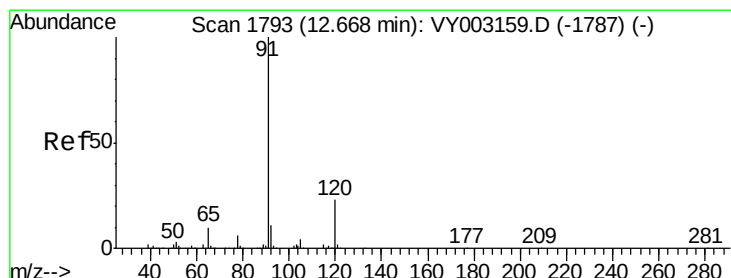
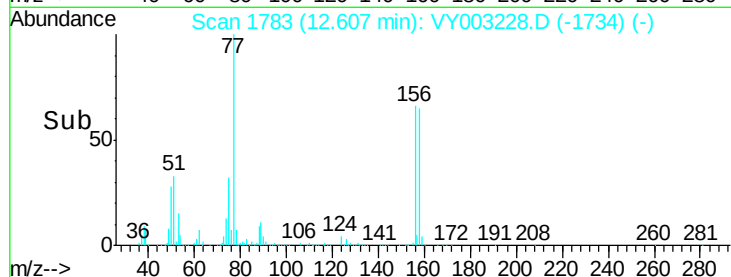
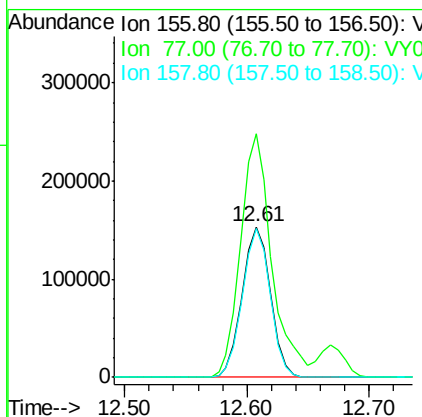
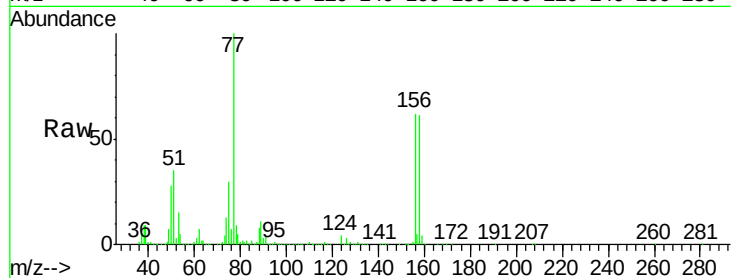
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	246195
Ion Ratio	Lower	Upper	
156	100		
77	178.2	86.6	259.7
158	97.2	49.4	148.0

Manual Integrations
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#78

n-propylbenzene

Concen: 52.024 ug/l

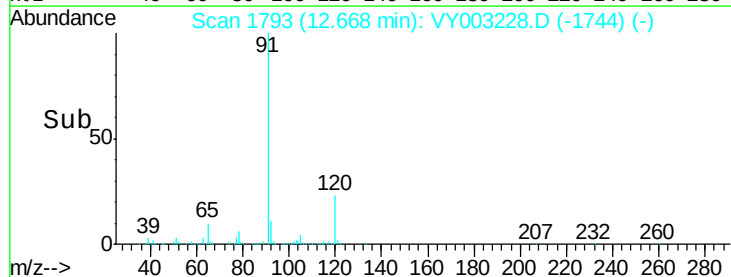
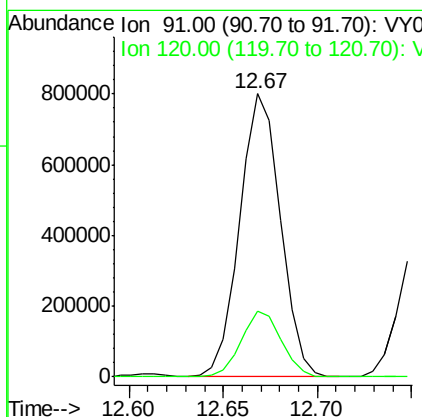
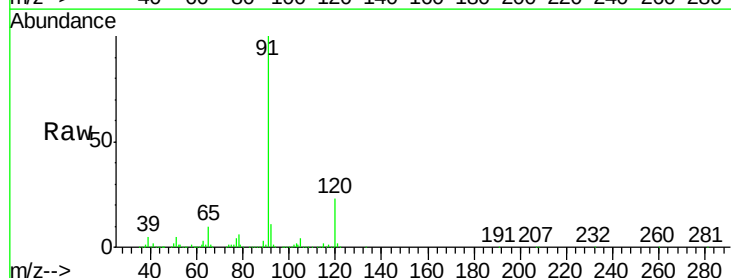
RT: 12.67 min Scan# 1793

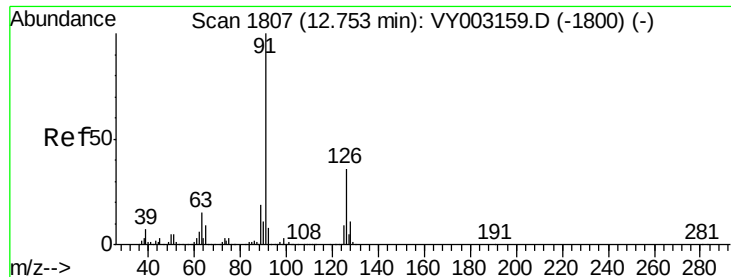
Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Tgt Ion:	91	Resp:	1198835
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.7	35.1





#79

2-Chlorotoluene

Concen: 51.542 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 662675

Ion Ratio Lower Upper

91 100

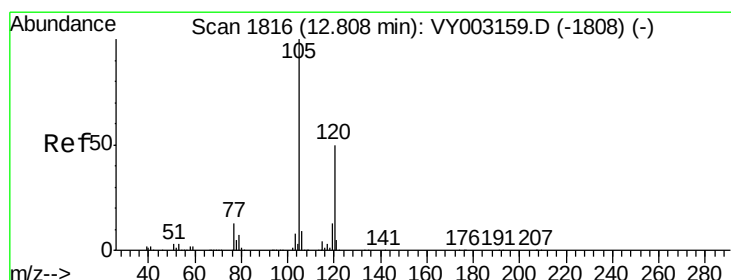
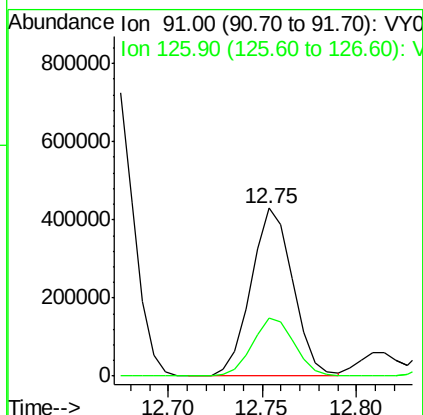
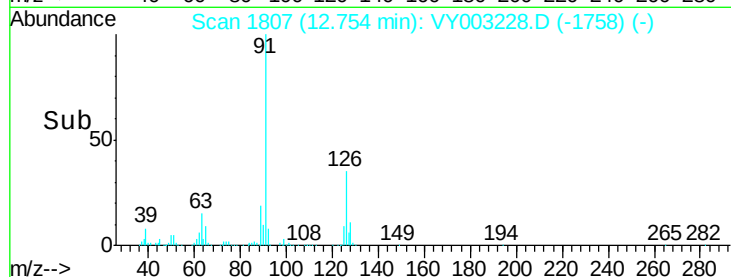
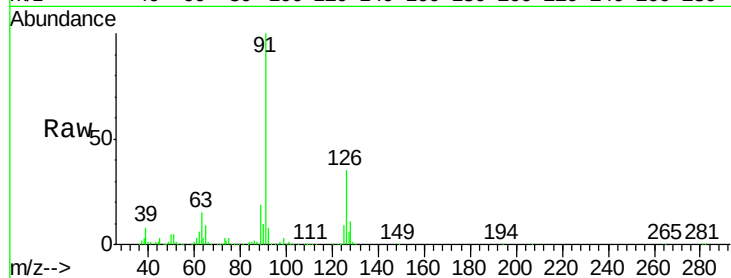
126 34.9 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.968 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003228.D

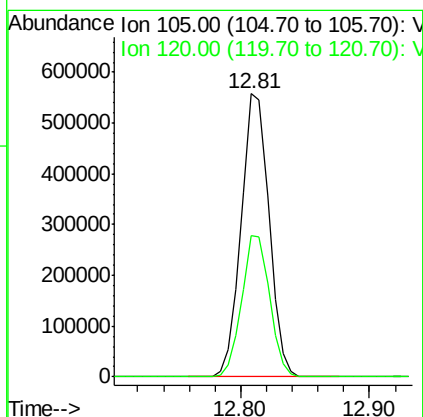
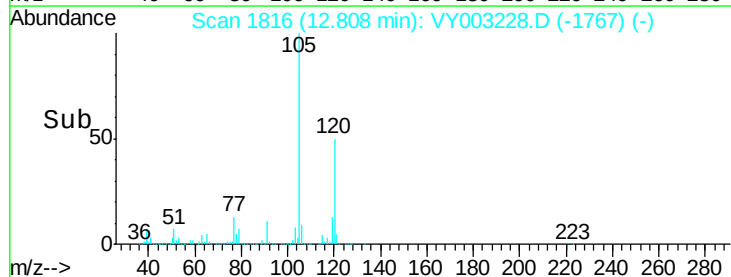
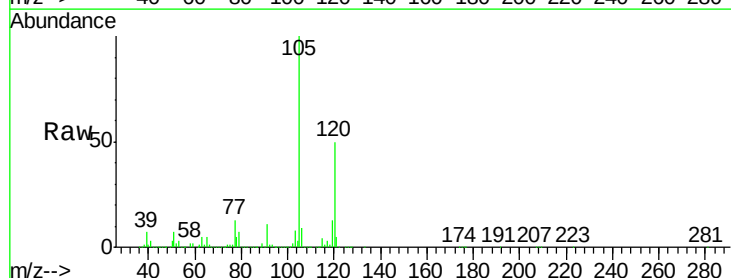
Acq: 20 Jul 2020 12:54

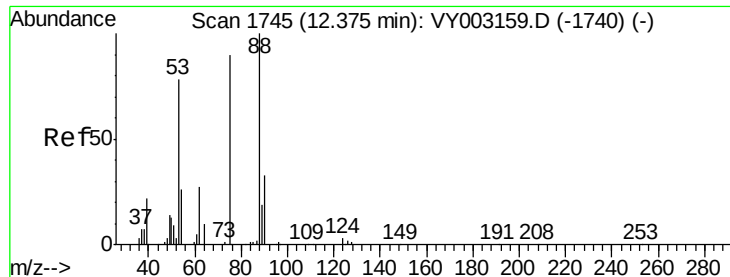
Tgt Ion: 105 Resp: 830447

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.257 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

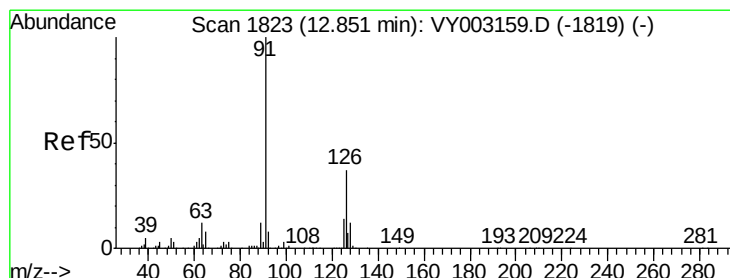
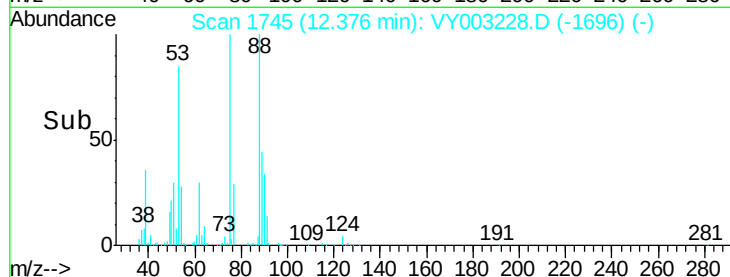
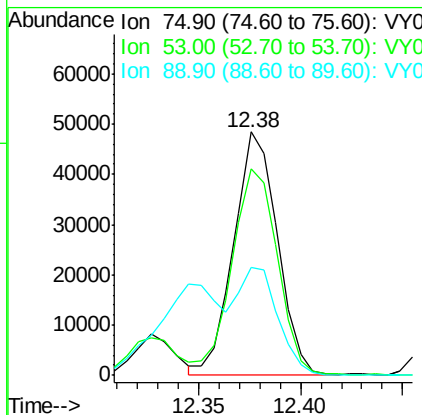
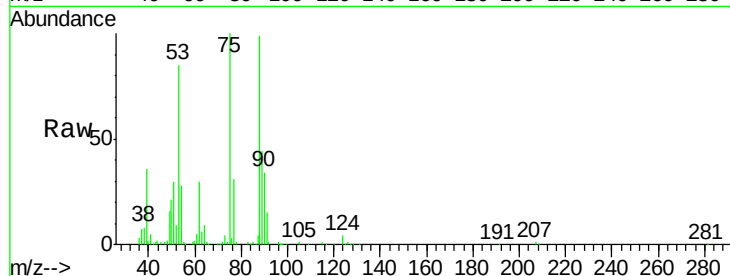
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	71517
Ion	Ratio	Lower	Upper
75	100		
53	89.8	72.0	108.0
89	41.2	37.3	55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.728 ug/l

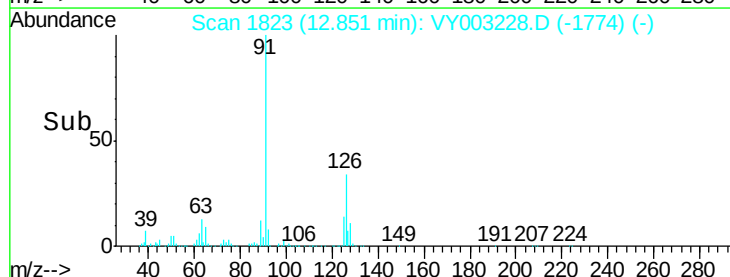
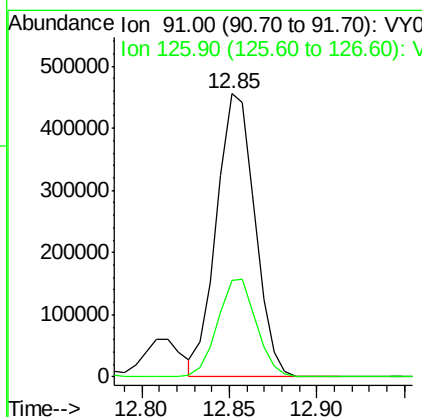
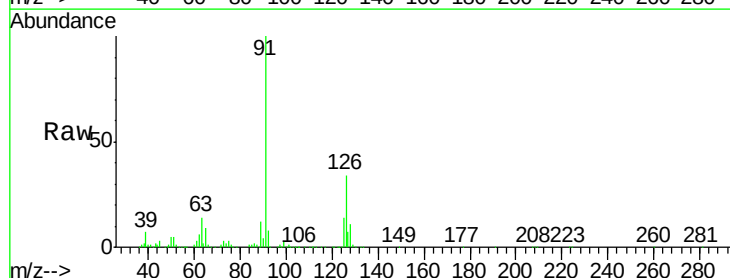
RT: 12.85 min Scan# 1823

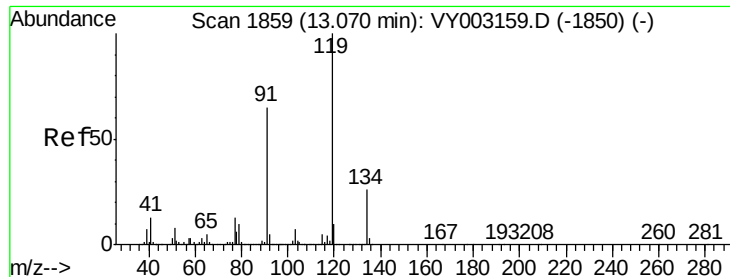
Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Tgt Ion:	91	Resp:	694176
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.9	53.7





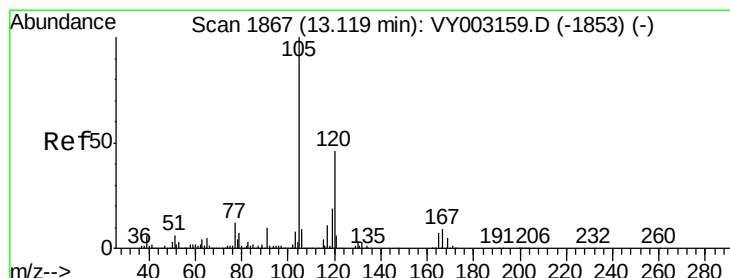
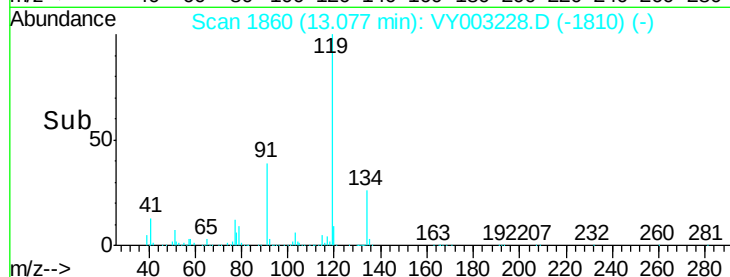
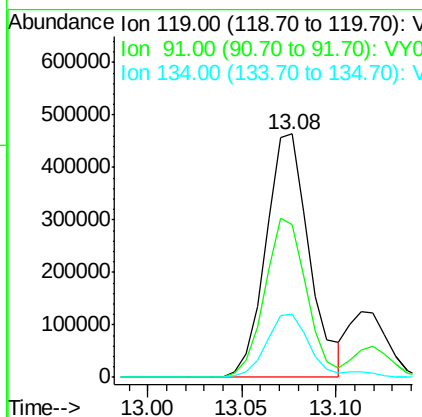
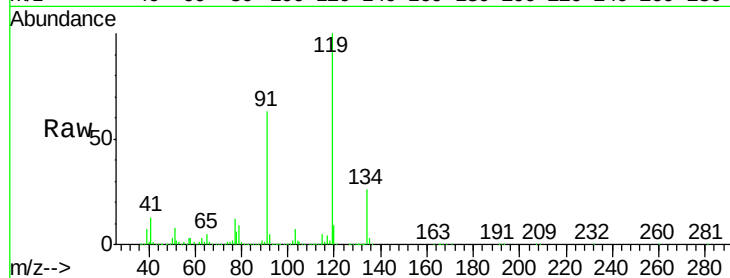
#83
tert-Butylbenzene
Concen: 51.493 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.7	30.8	92.4
134	26.9	13.2	39.6

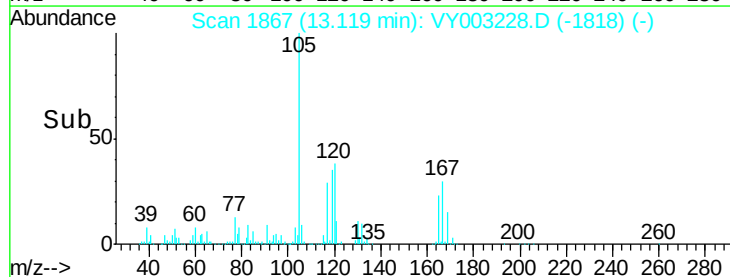
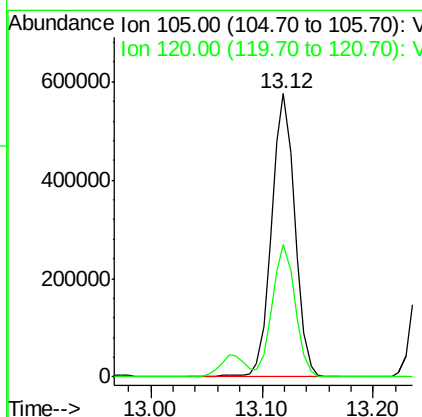
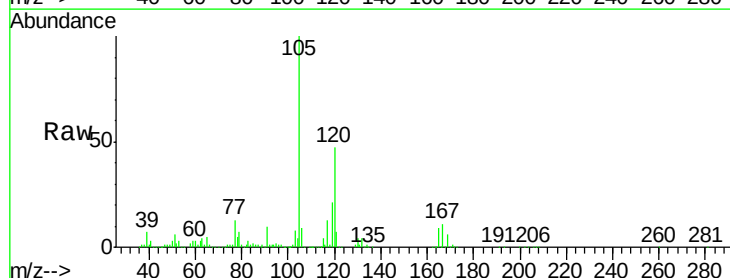
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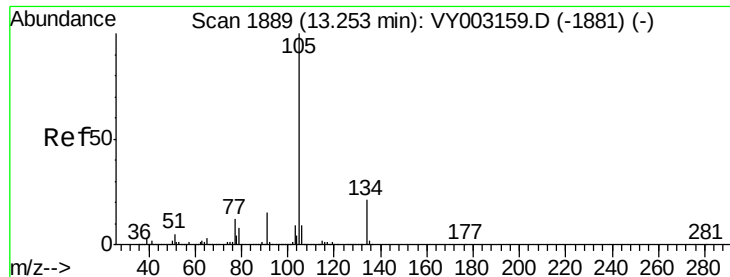
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 51.197 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.5	67.5





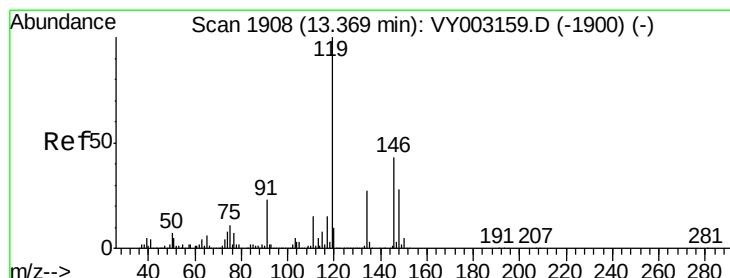
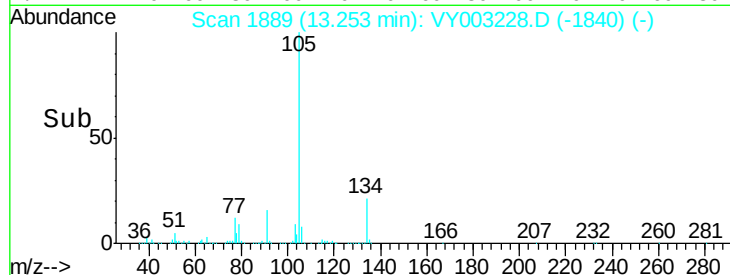
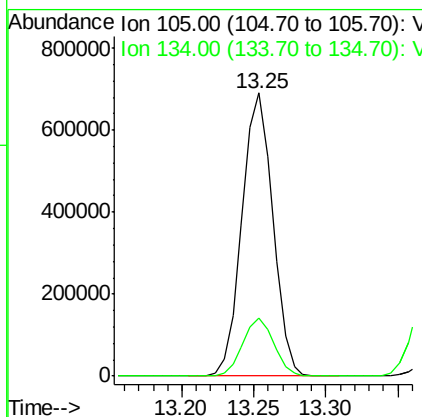
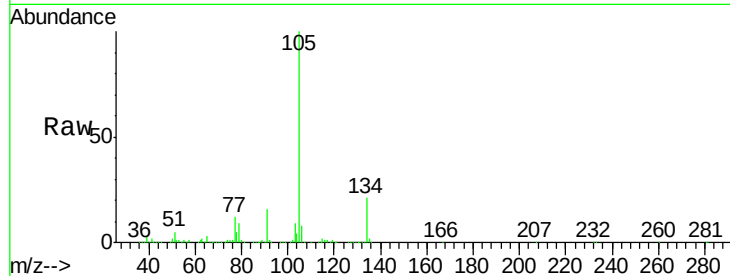
#85
 sec-Butylbenzene
 Concen: 51.941 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1026365
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.4

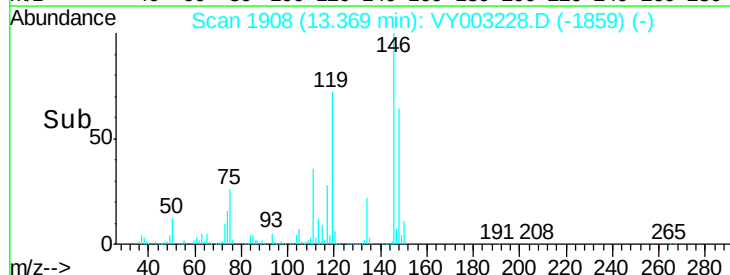
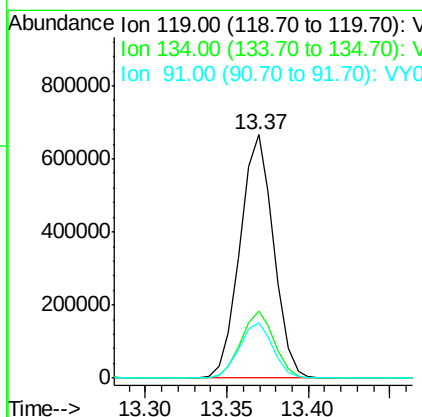
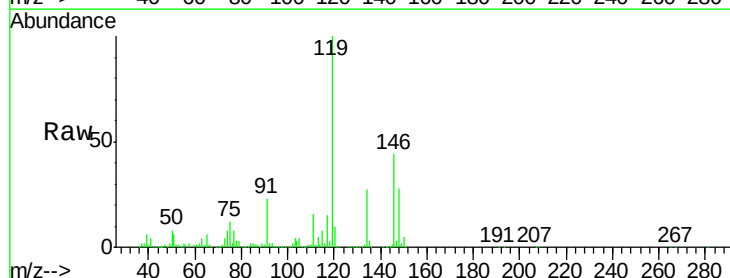
Manual Integrations
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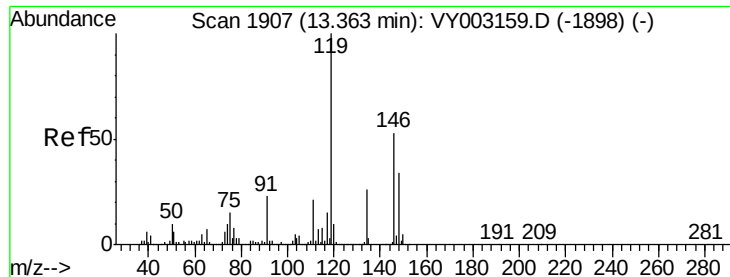
MMDadoda
 7/21/2020 4:58:49 PM



#86
 p-Isopropyltoluene
 Concen: 51.587 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion:119 Resp: 951785
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.2
 91 22.8 11.2 33.6





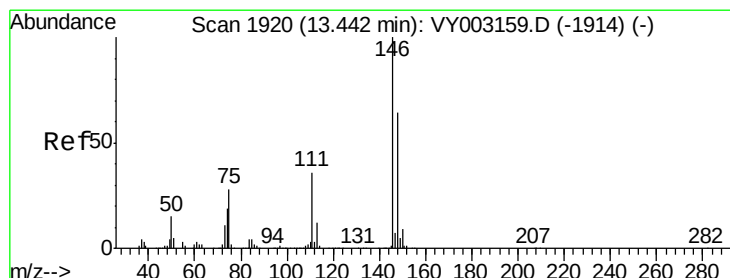
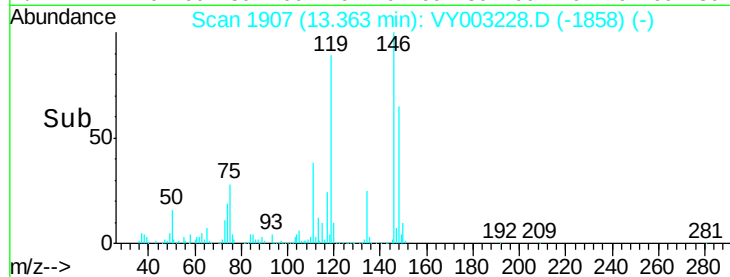
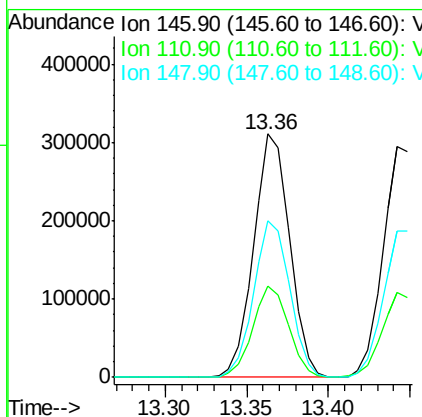
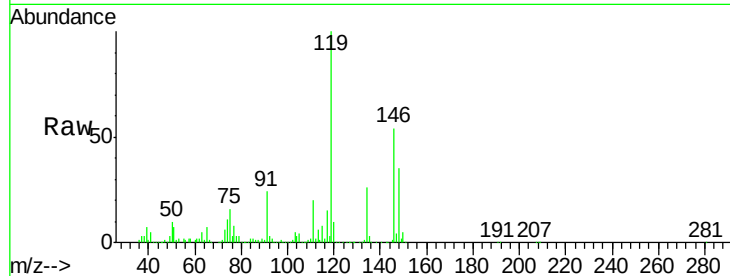
#87
 1,3-Dichlorobenzene
 Concen: 50.555 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.3
148	64.5	32.3	96.9

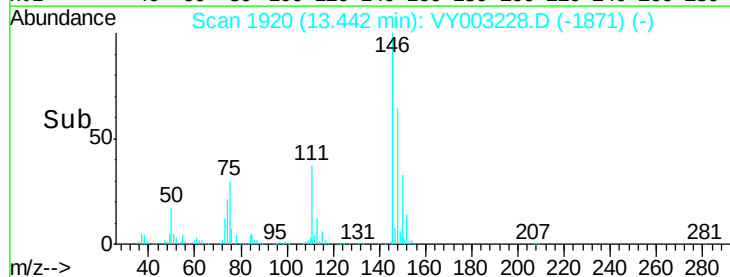
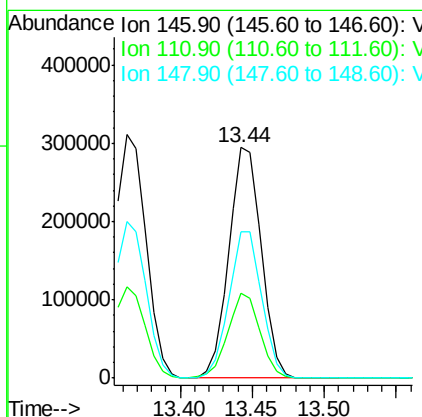
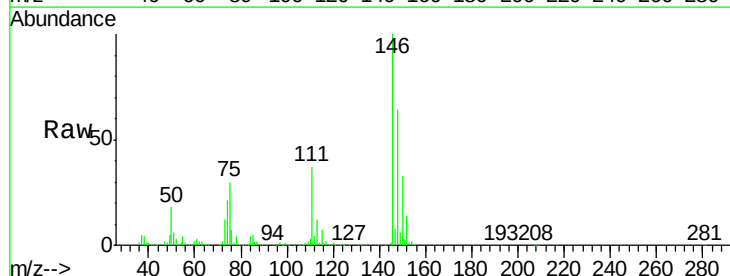
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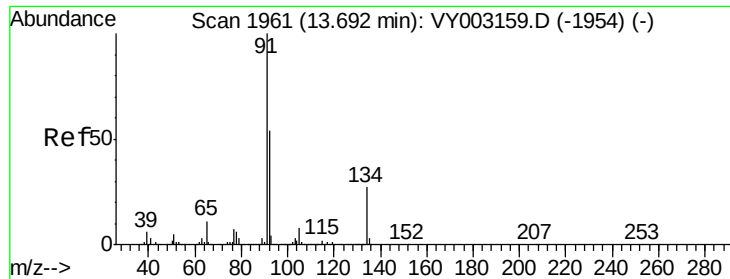
MMDadoda
 7/21/2020 4:58:49 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.821 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.4	55.0
148	64.2	32.0	96.0





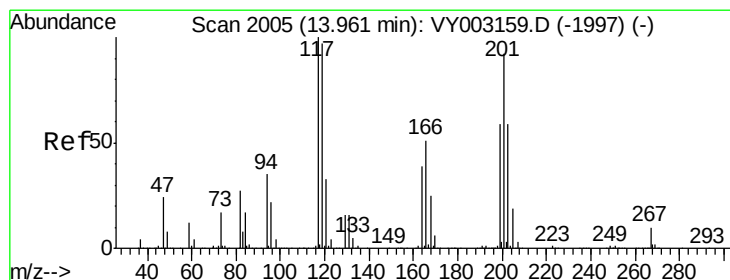
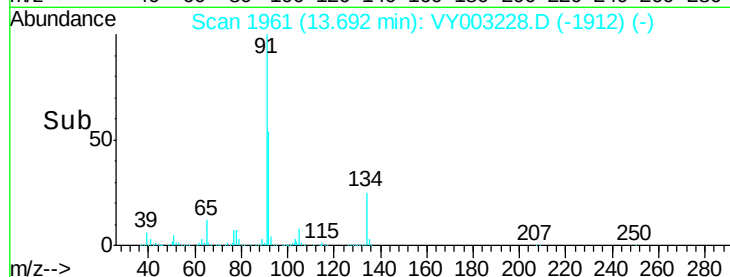
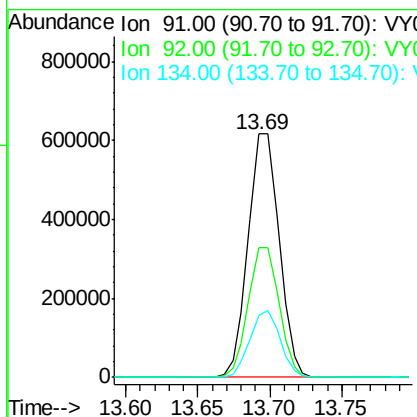
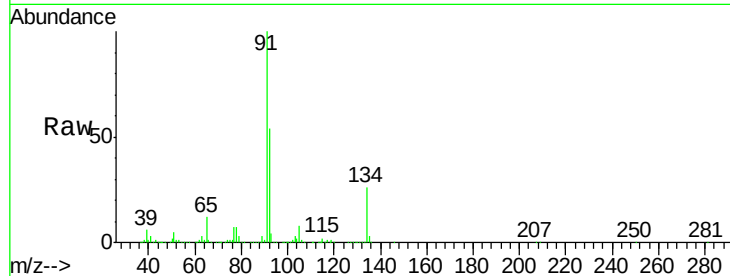
#89
n-Butylbenzene
Concen: 53.048 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.9	80.7
134	26.8	13.6	40.7

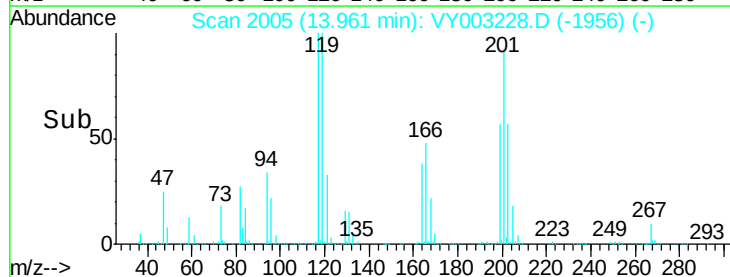
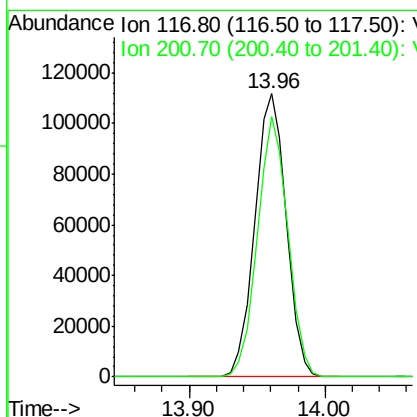
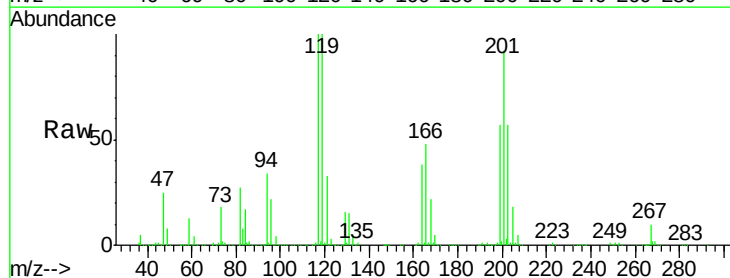
Manual Integrations
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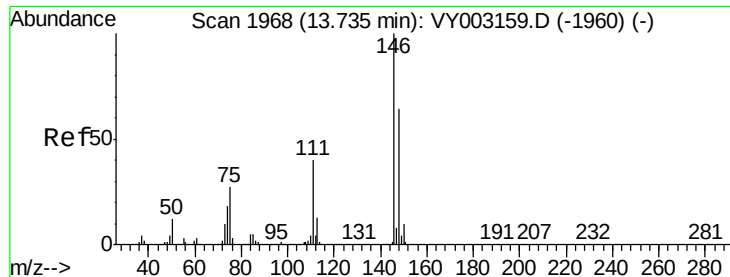
MMDadoda
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#90
Hexachloroethane
Concen: 53.711 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.2	45.1	135.3





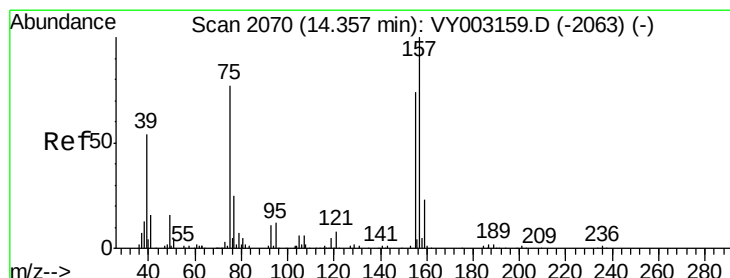
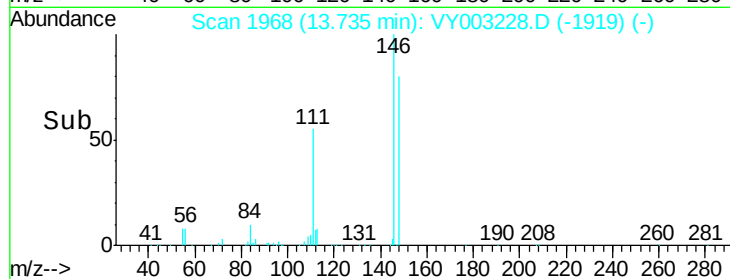
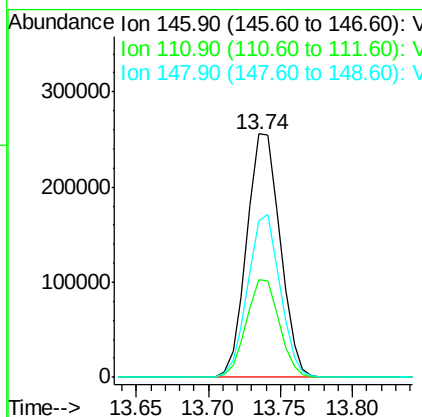
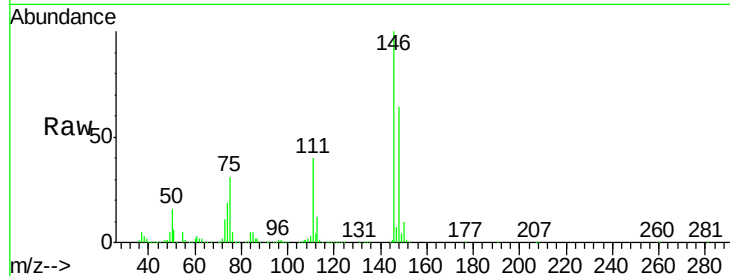
#91
 1,2-Dichlorobenzene
 Concen: 49.648 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	410580		
111	39.8	19.6	58.8	
148	64.6	32.4	97.0	

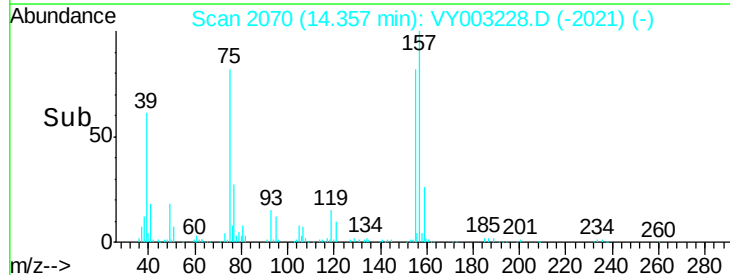
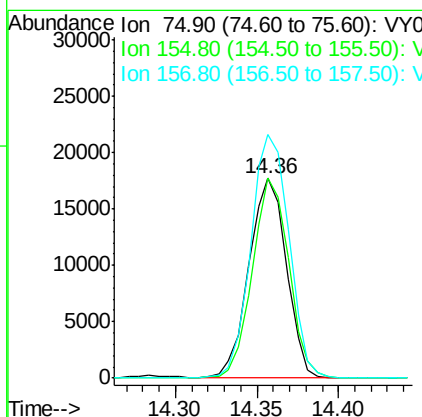
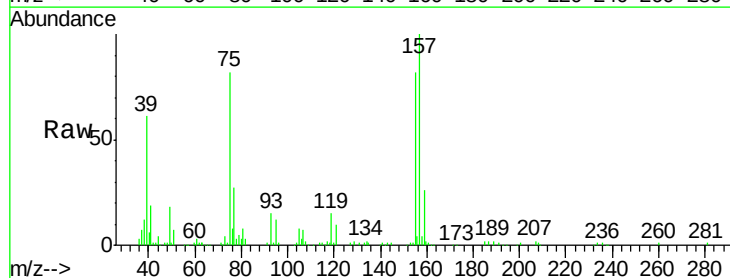
Manual Integrations
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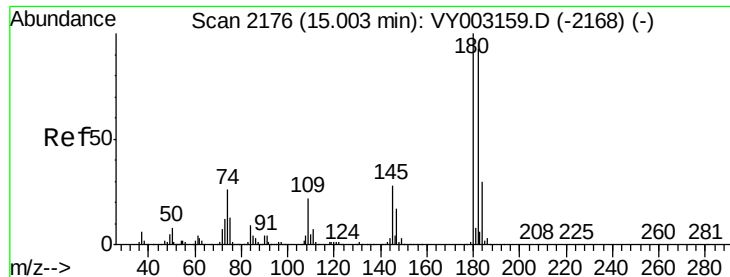
MMDadoda
 7/21/2020 4:58:49 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.540 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	28488		
155	96.9	48.1	144.3	
157	123.4	61.9	185.6	





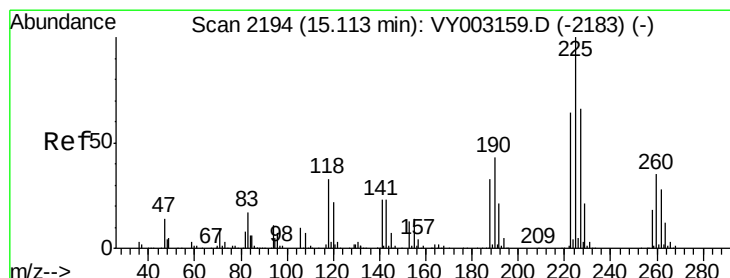
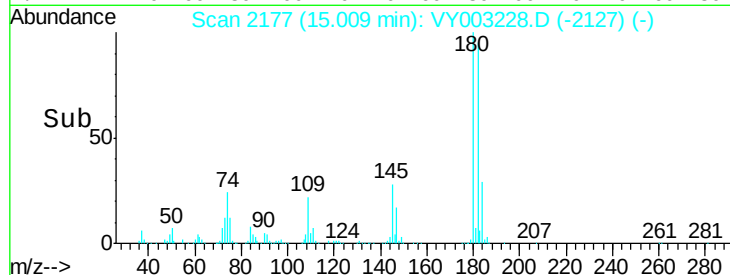
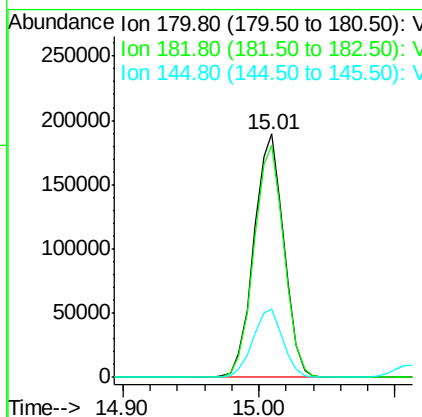
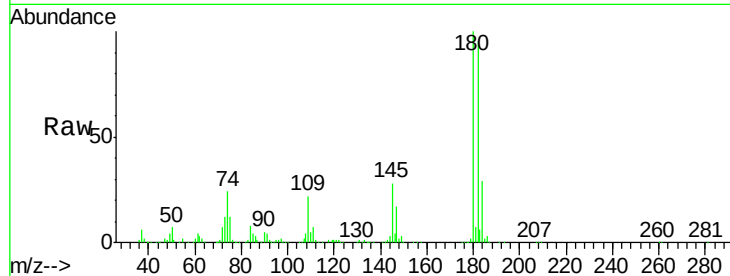
#93
 1,2,4-Trichlorobenzene
 Concen: 49.640 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	292039		
182	95.9	47.3	142.0	
145	28.2	13.7	41.1	

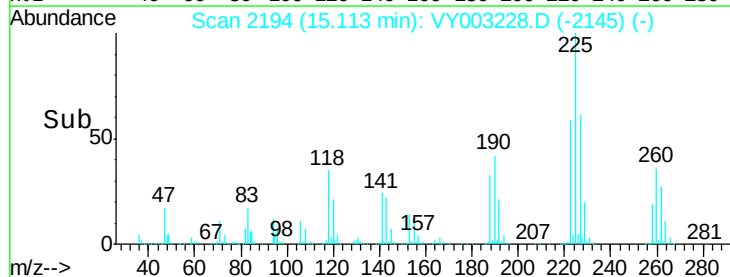
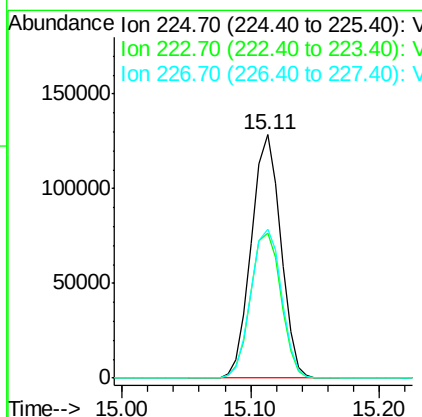
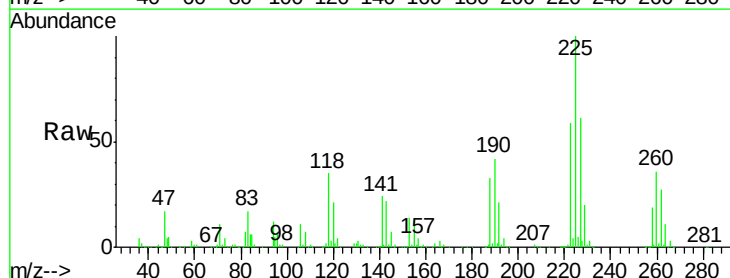
Manual Integrations
 APPROVED

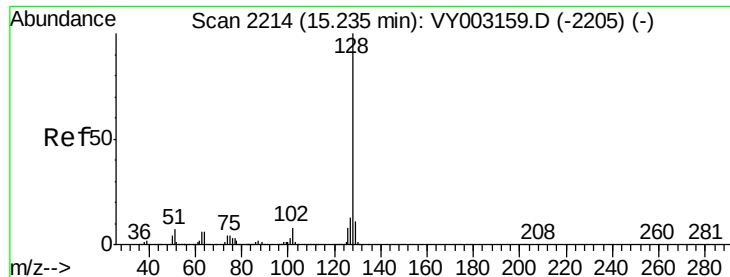
MMDadoda
 7/21/2020 4:58:49 PM



#94
 Hexachlorobutadiene
 Concen: 50.103 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	201978		
223	61.9	31.6	94.7	
227	63.9	32.3	96.8	





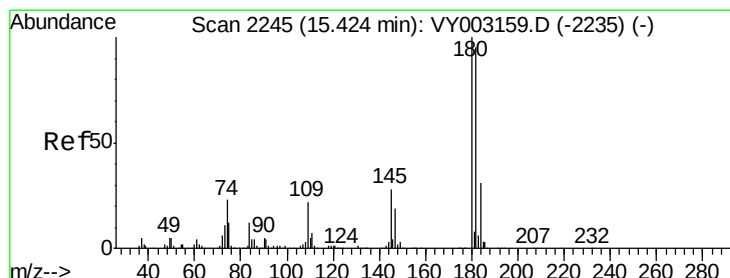
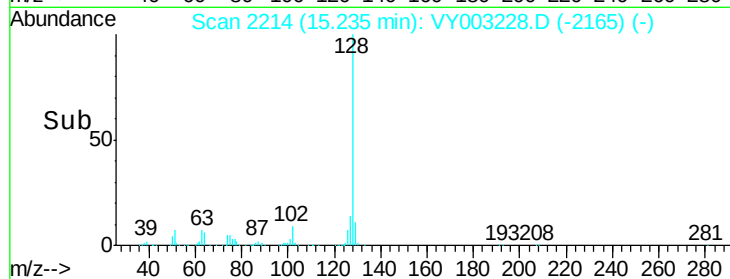
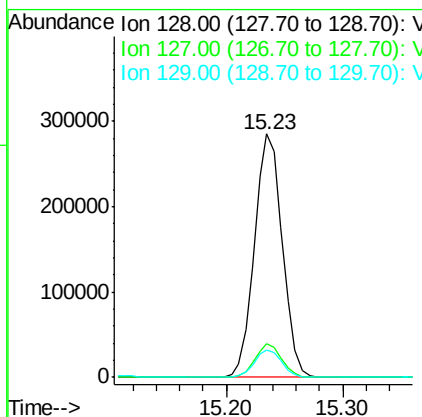
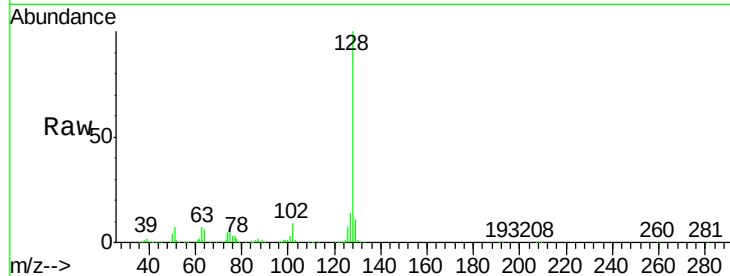
#95
Naphthalene
Concen: 48.929 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	475727		
127	13.2		10.9	16.3
129	11.3		9.0	13.6

Manual Integrations
APPROVED

MMDadoda
7/21/2020 4:58:49 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.877 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	231956		
182	93.7		48.8	146.3
145	29.4		14.9	44.5

