

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061820\
 Data File : VY002913.D
 Acq On : 18 Jun 2020 11:15
 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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 6/19/2020 1:12:08 PM

Quant Time: Jun 19 05:13:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	272511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	391311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	364007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	204767	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	112141	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	7.72	113	116563	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	10.18	98	446621	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.48	95	160841	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.91	85	80929	43.160	ug/l 99
3) Chloromethane	2.12	50	94248	45.442	ug/l 98
4) Vinyl Chloride	2.26	62	102375	46.700	ug/l 98
5) Bromomethane	2.65	94	73065	44.475	ug/l 95
6) Chloroethane	2.80	64	63430	44.634	ug/l 97
7) Trichlorofluoromethane	3.13	101	181094	46.643	ug/l 99
8) Diethyl Ether	3.54	74	64640	42.638	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	110012	47.723	ug/l 96
10) Methyl Iodide	4.10	142	149095	46.222	ug/l 99
11) Tert butyl alcohol	4.97	59	61272	240.444	ug/l 98
12) 1,1-Dichloroethene	3.88	96	107874	46.531	ug/l 99
13) Acrolein	3.74	56	53521	193.017	ug/l 98
14) Allyl chloride	4.49	41	153672	46.218	ug/l 98
15) Acrylonitrile	5.18	53	162634	237.792	ug/l 100
16) Acetone	3.96	43	167614	302.098	ug/l 98
17) Carbon Disulfide	4.20	76	280541	40.046	ug/l 99
18) Methyl Acetate	4.49	43	67249	48.270	ug/l 98
19) Methyl tert-butyl Ether	5.23	73	303743	47.459	ug/l 99
20) Methylene Chloride	4.72	84	136502	50.343	ug/l 97
21) trans-1,2-Dichloroethene	5.22	96	119147	45.700	ug/l 98
22) Diisopropyl ether	6.13	45	322686	46.702	ug/l 94
23) Vinyl Acetate	6.07	43	1078465	236.412	ug/l 99
24) 1,1-Dichloroethane	6.02	63	191298	47.329	ug/l 99
25) 2-Butanone	6.99	43	213866	247.407	ug/l 98
26) 2,2-Dichloropropane	6.99	77	186189	48.031	ug/l 99
27) cis-1,2-Dichloroethene	6.99	96	136671	46.827	ug/l 99
28) Bromochloromethane	7.34	49	74140	44.683	ug/l 99
29) Tetrahydrofuran	7.35	42	129206	229.790	ug/l 97
30) Chloroform	7.51	83	208179	48.538	ug/l 97
31) Cyclohexane	7.78	56	169391	42.210	ug/l 99
32) 1,1,1-Trichloroethane	7.71	97	195898	49.015	ug/l 100
36) 1,1-Dichloropropene	7.92	75	156205	47.388	ug/l 99
37) Ethyl Acetate	7.08	43	85702	47.786	ug/l 99
38) Carbon Tetrachloride	7.91	117	183091	49.999	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	198593	45.708	ug/l	99
40) Benzene	8.16	78	468779	48.130	ug/l	100
41) Methacrylonitrile	7.33	41	55223m	57.316	ug/l	
42) 1,2-Dichloroethane	8.24	62	133813	49.022	ug/l	99
43) Isopropyl Acetate	8.28	43	162497	47.813	ug/l	99
44) Trichloroethene	8.94	130	147451	47.927	ug/l	96
45) 1,2-Dichloropropane	9.22	63	113050	48.400	ug/l	97
46) Dibromomethane	9.31	93	67581	48.719	ug/l	100
47) Bromodichloromethane	9.50	83	165350	50.563	ug/l	99
48) Methyl methacrylate	9.30	41	73507	47.912	ug/l	98
49) 1,4-Dioxane	9.31	88	20306	953.358	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	440924	245.007	ug/l	100
52) Toluene	10.24	92	309721	48.609	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	178086	49.858	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	198815	49.122	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	103903	48.925	ug/l	96
56) Ethyl methacrylate	10.51	69	141525	49.754	ug/l	98
57) 1,3-Dichloropropane	10.79	76	172079	49.264	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	345339	248.462	ug/l	98
59) 2-Hexanone	10.83	43	325722	255.091	ug/l	100
60) Dibromochloromethane	10.99	129	136124	50.557	ug/l	99
61) 1,2-Dibromoethane	11.09	107	102312	48.838	ug/l	99
64) Tetrachloroethene	10.72	164	154259	46.628	ug/l	99
65) Chlorobenzene	11.52	112	353395	49.120	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	138137	50.980	ug/l	99
67) Ethyl Benzene	11.60	91	619135	49.639	ug/l	99
68) m/p-Xylenes	11.70	106	478816	99.013	ug/l	100
69) o-Xylene	12.03	106	230207	50.426	ug/l	99
70) Styrene	12.05	104	399535	50.484	ug/l	100
71) Bromoform	12.20	173	94358	52.043	ug/l	100
73) Isopropylbenzene	12.33	105	629829	47.997	ug/l	99
74) N-amyl acetate	12.14	43	159499	47.372	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	115541	50.183	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	90804m	49.214	ug/l	
77) Bromobenzene	12.61	156	164157	48.043	ug/l	98
78) n-propylbenzene	12.67	91	733751	48.407	ug/l	100
79) 2-Chlorotoluene	12.75	91	406177	47.770	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	534733	48.805	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	47965	48.977	ug/l #	73
82) 4-Chlorotoluene	12.85	91	428736	48.127	ug/l	100
83) tert-Butylbenzene	13.08	119	479090	49.020	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	536372	48.686	ug/l	100
85) sec-Butylbenzene	13.25	105	651751	48.772	ug/l	100
86) p-Isopropyltoluene	13.37	119	621175	49.956	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	312887	48.343	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	312209	48.222	ug/l	99
89) n-Butylbenzene	13.70	91	555196	49.180	ug/l	99
90) Hexachloroethane	13.96	117	116151	49.896	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	284618	48.490	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21909	49.460	ug/l	96

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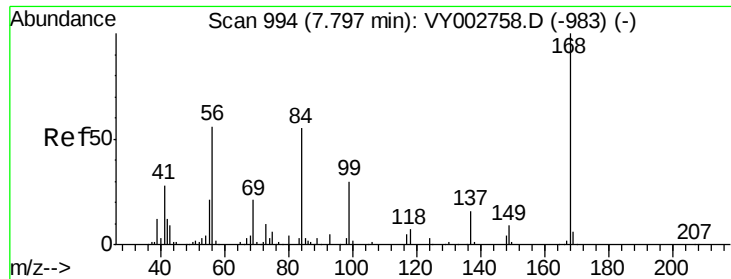
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	217871	49.245	ug/l	100
94) Hexachlorobutadiene	15.11	225	128321	51.137	ug/l	99
95) Naphthalene	15.23	128	432112	48.712	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	194238	49.164	ug/l	99

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



#1

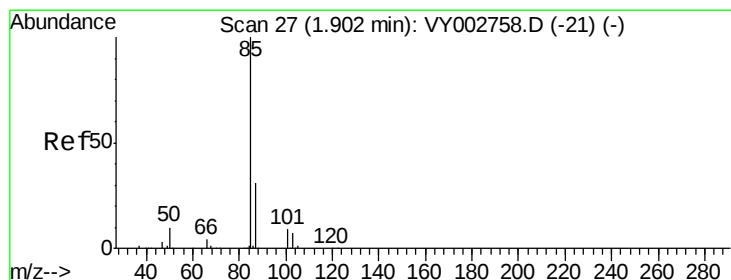
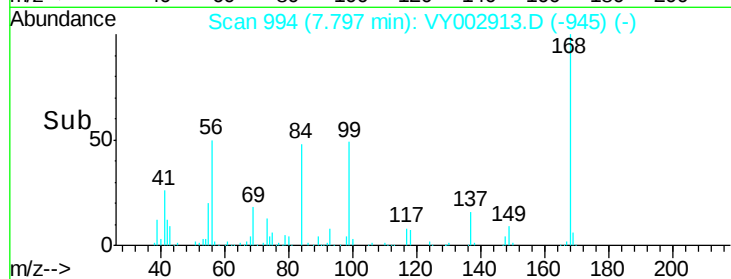
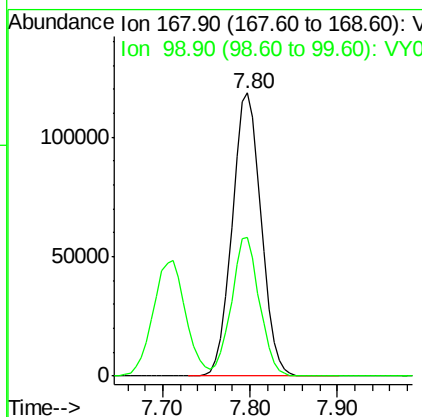
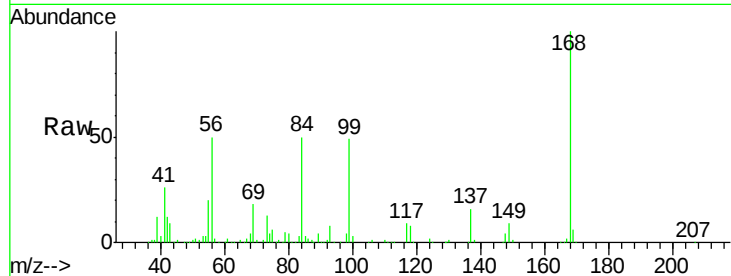
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.2	39.0	58.4

Manual Integrations
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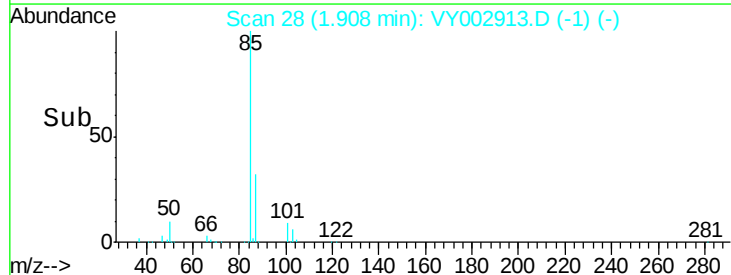
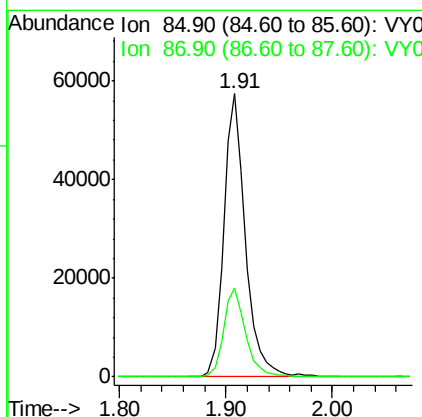
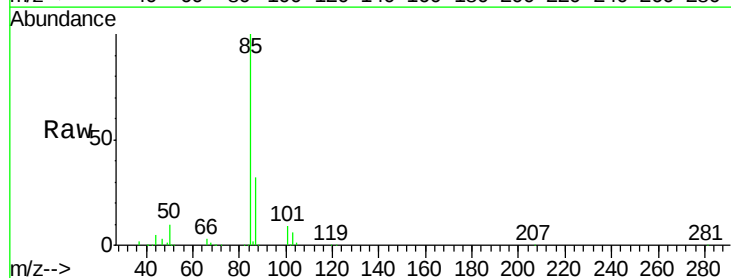
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#2

Dichlorodifluoromethane
 Concen: 43.160 ug/l
 RT: 1.91 min Scan# 28
 Delta R.T. 0.01 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	15.5	46.5





#3

Chloromethane

Concen: 45.442 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 94248

Ion Ratio Lower Upper

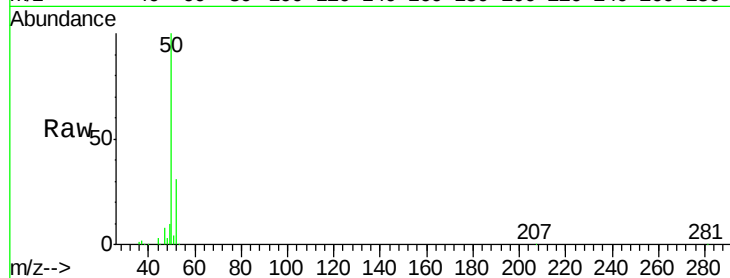
50 100

52 31.3 25.8 38.6

Manual Integrations
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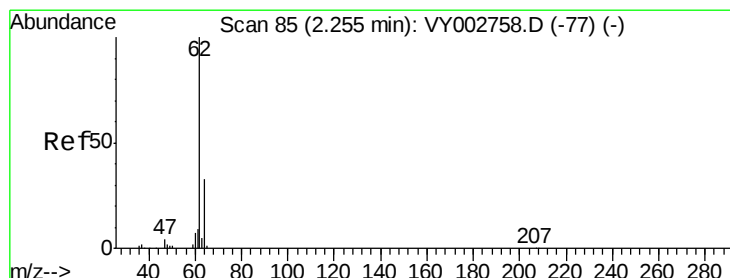
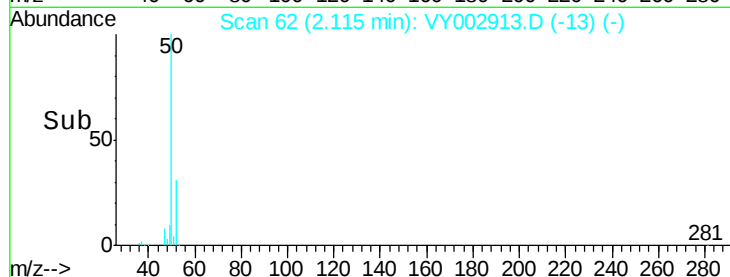
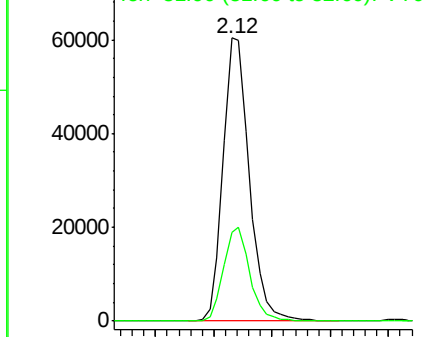
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 46.700 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002913.D

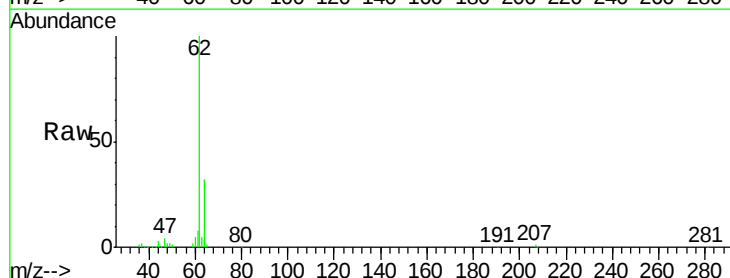
Acq: 18 Jun 2020 11:15

Tgt Ion: 62 Resp: 102375

Ion Ratio Lower Upper

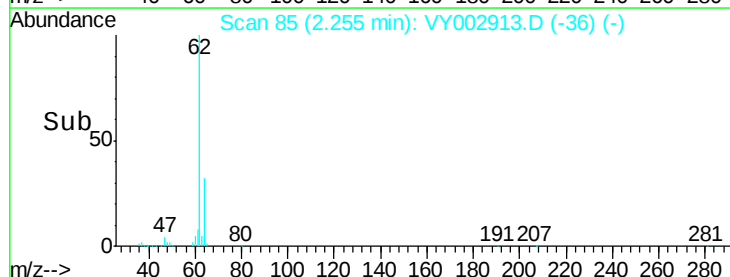
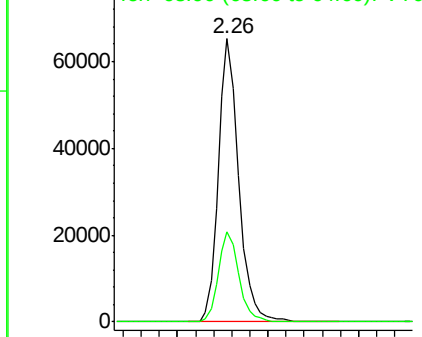
62 100

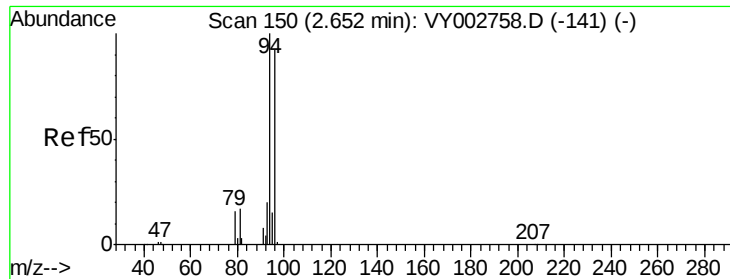
64 31.7 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 44.475 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 73065

Ion Ratio Lower Upper

94 100

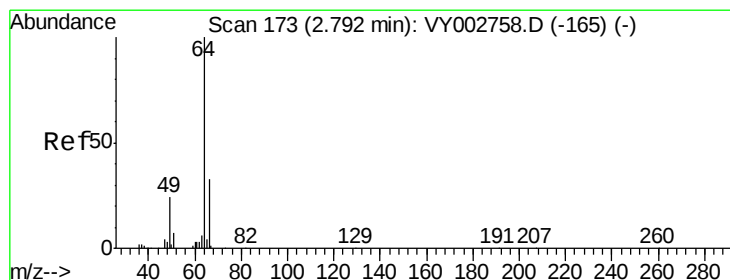
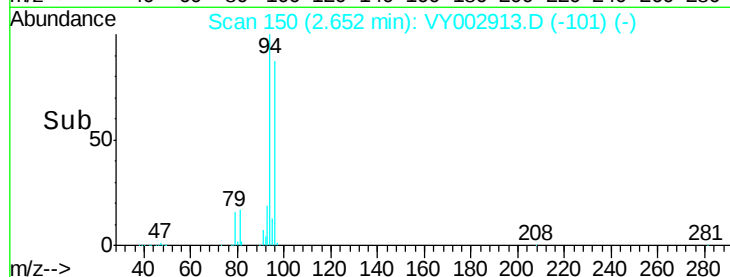
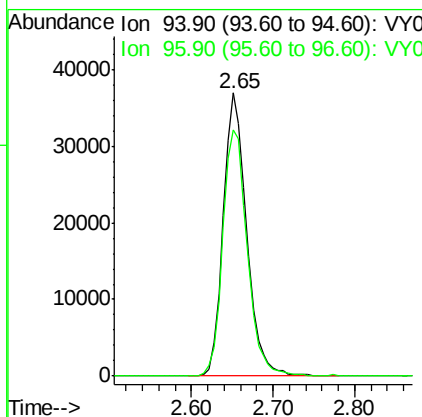
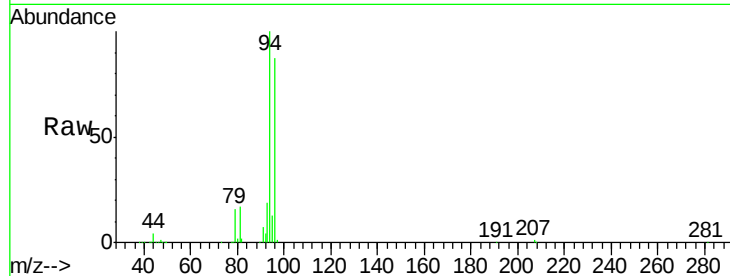
96 87.1 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 44.634 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002913.D

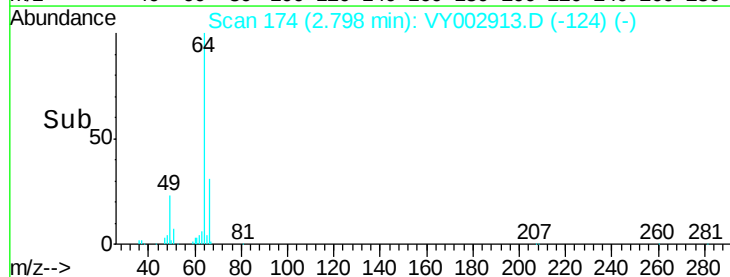
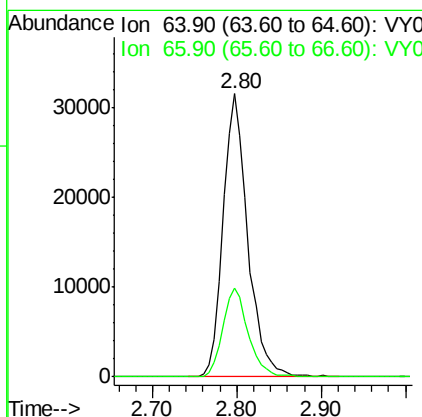
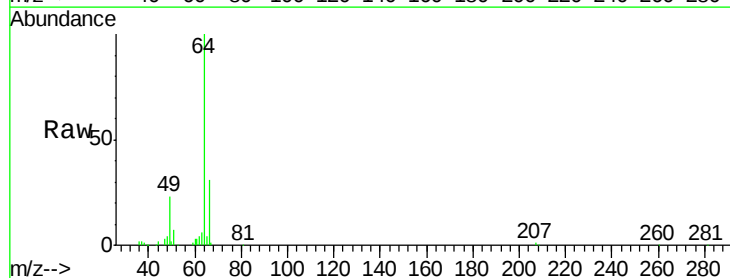
Acq: 18 Jun 2020 11:15

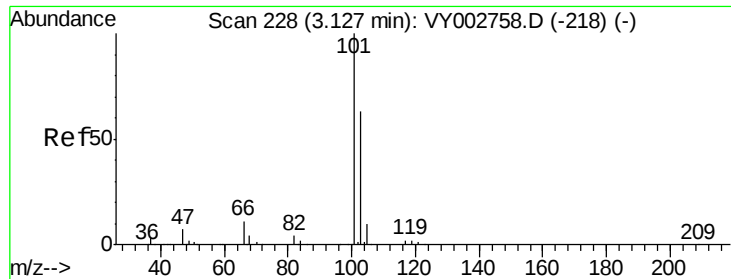
Tgt Ion: 64 Resp: 63430

Ion Ratio Lower Upper

64 100

66 31.2 26.4 39.6





#7

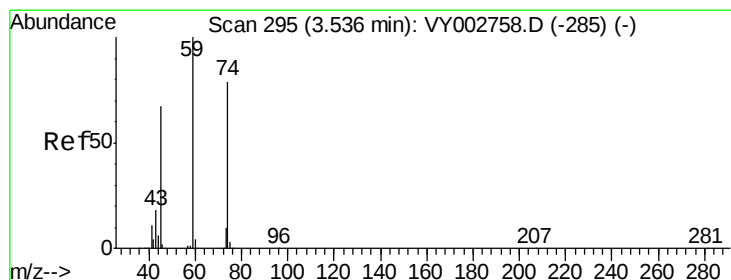
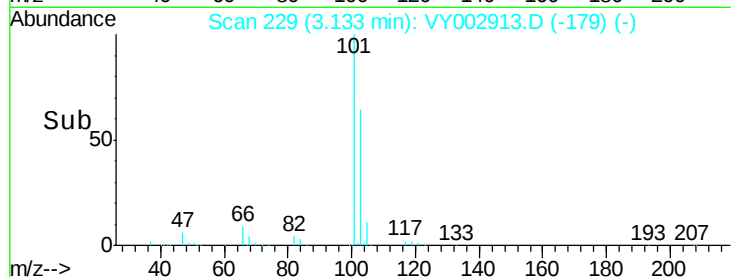
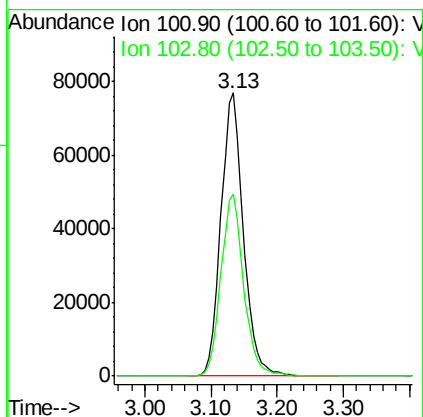
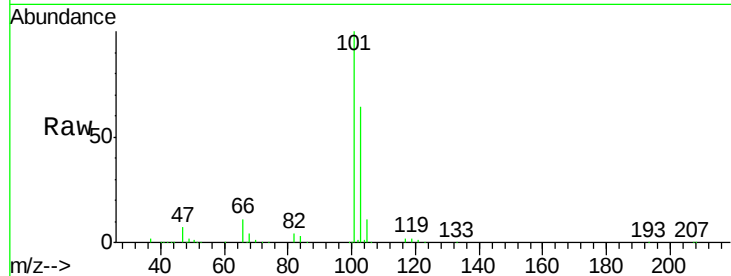
Trichlorofluoromethane
Concen: 46.643 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Instrument :
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VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	181094		
103	64.4	50.6	76.0	

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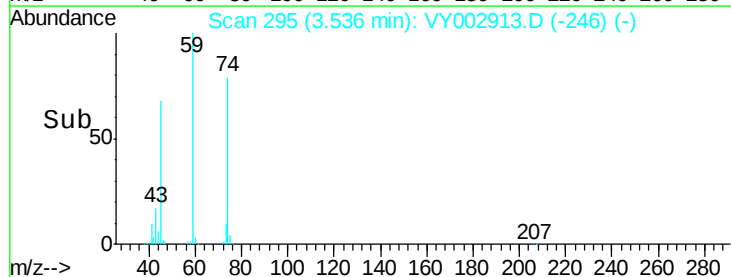
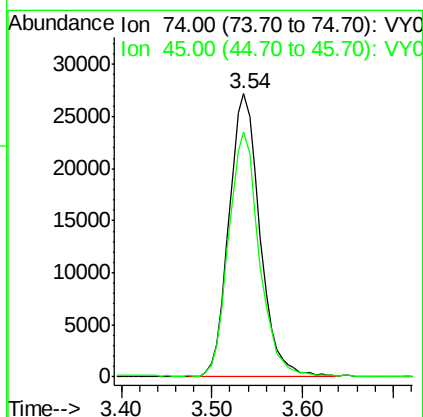
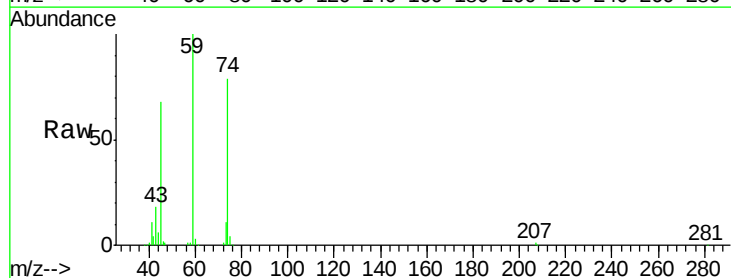
MMDadoda
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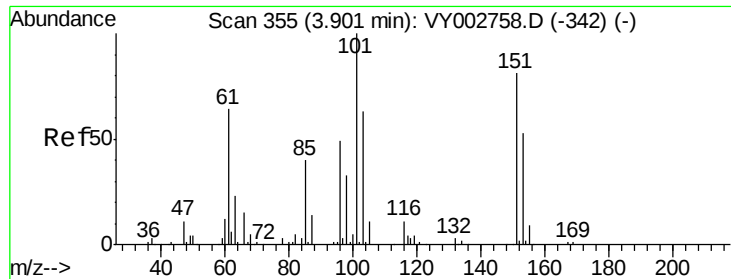


#8

Diethyl Ether
Concen: 42.638 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	64640		
45	85.9	44.0	131.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.723 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

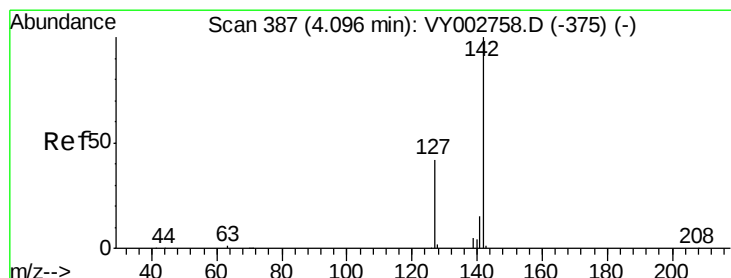
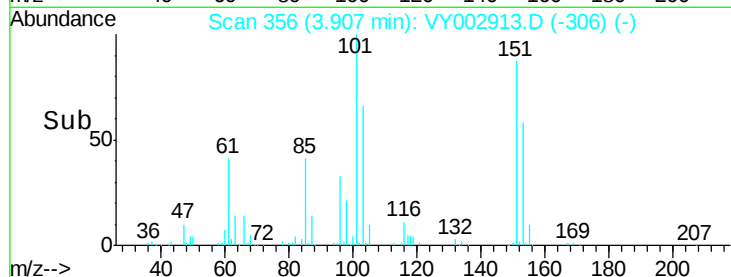
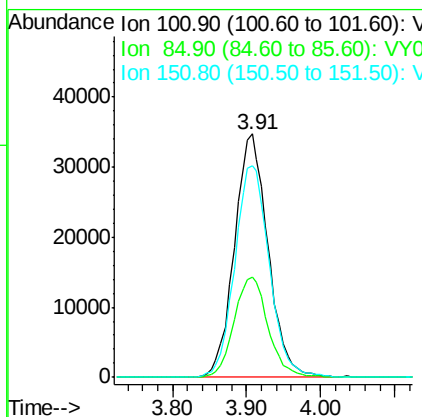
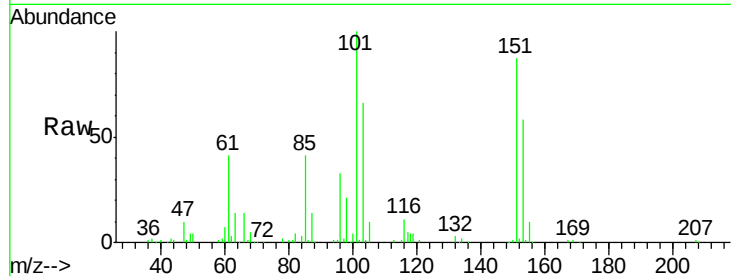
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	110012
Ion Ratio	Lower	Upper	
101	100		
85	41.6	32.7	49.1
151	89.5	68.0	102.0

Manual Integrations
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#10

Methyl Iodide

Concen: 46.222 ug/l

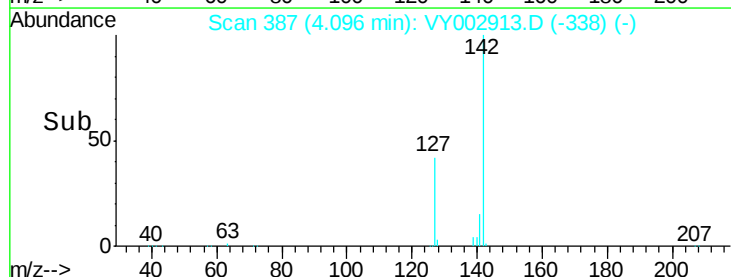
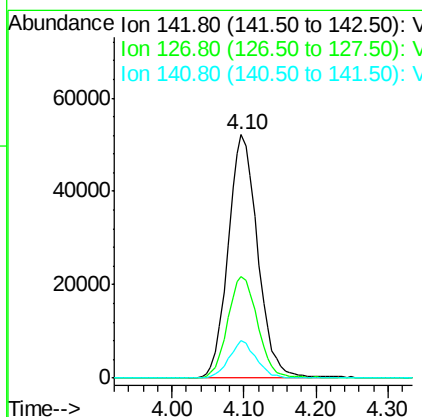
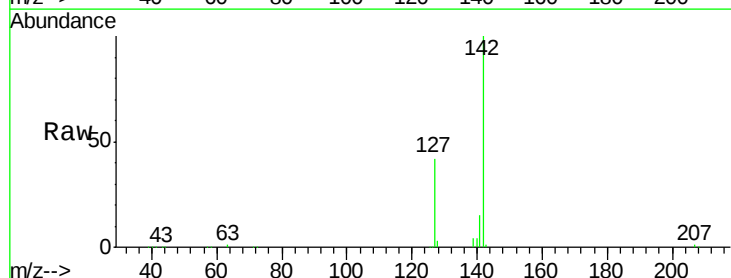
RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Tgt Ion:	142	Resp:	149095
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.3	49.9
141	14.2	11.5	17.3





#11

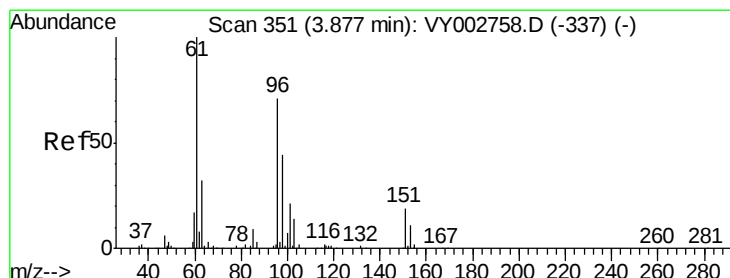
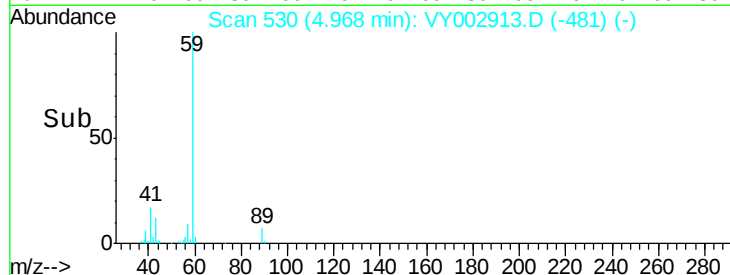
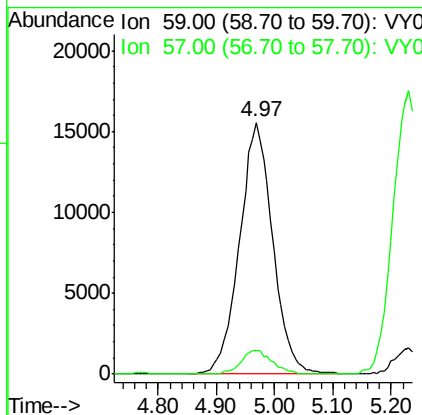
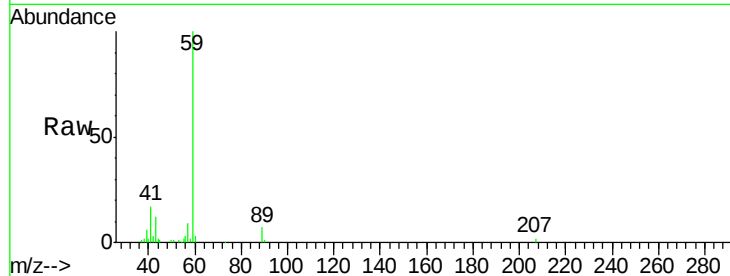
Tert butyl alcohol
Concen: 240.444 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.8	7.7	11.5

Manual Integrations
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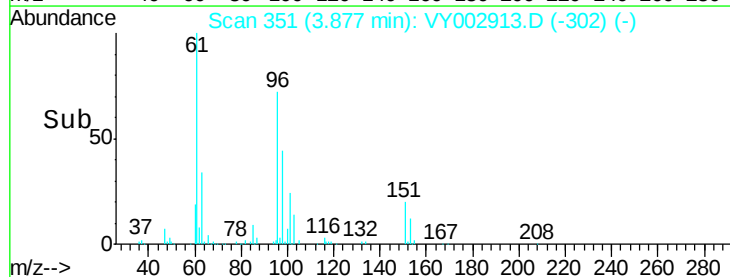
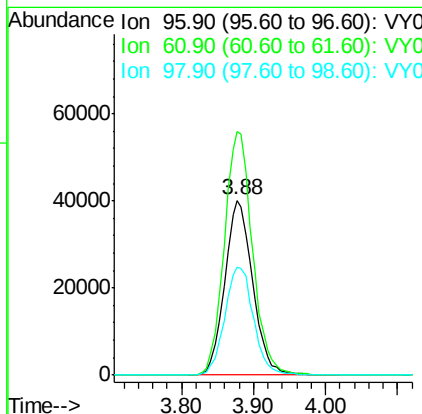
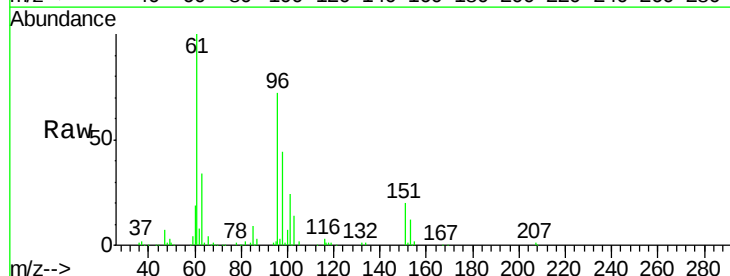
MMDadoda
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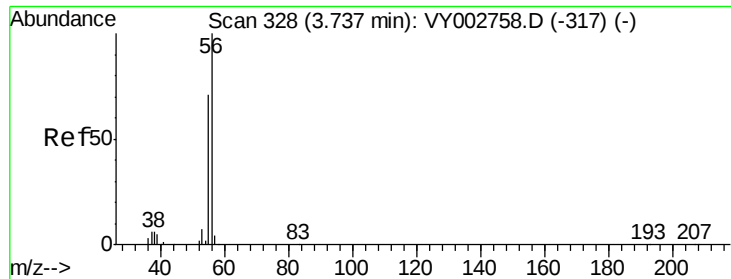


#12

1,1-Dichloroethene
Concen: 46.531 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.1	112.6	168.8
98	61.4	50.0	75.0





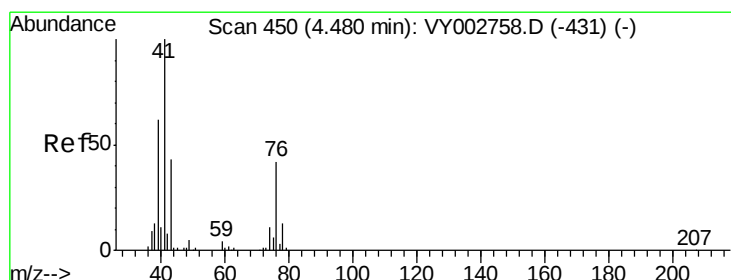
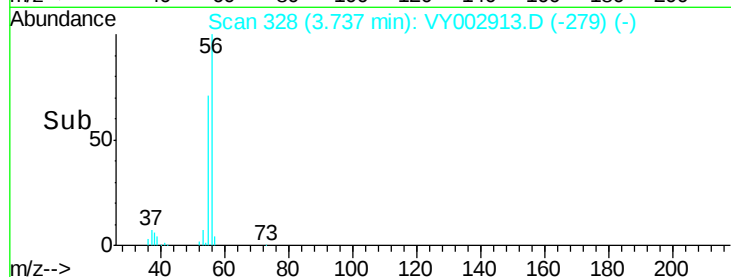
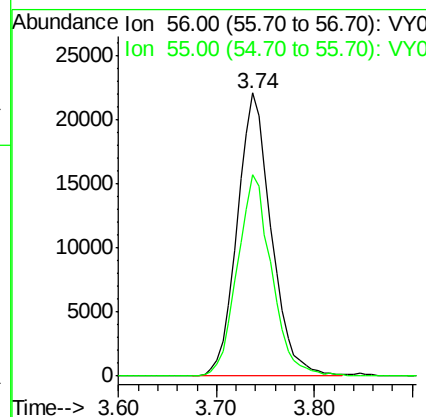
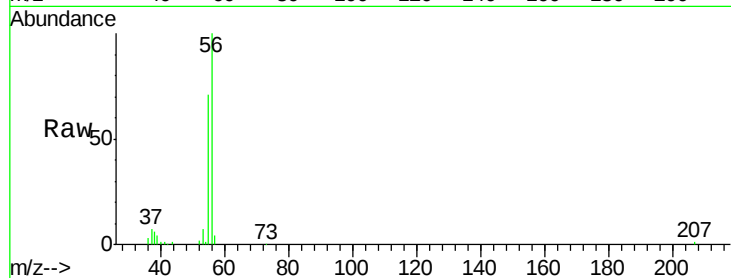
#13
Acrolein
Concen: 193.017 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.5	56.0	84.0

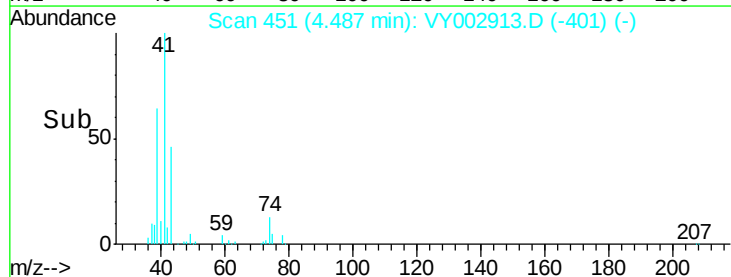
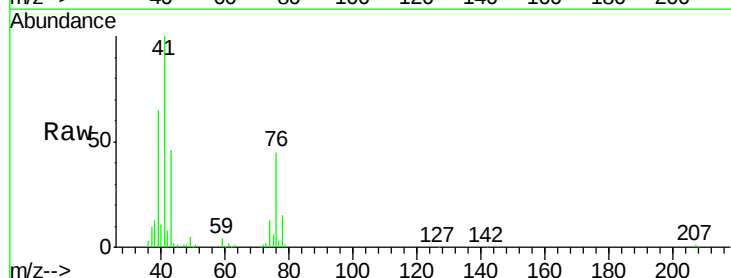
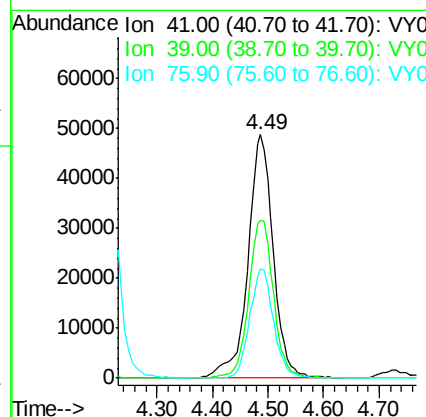
Manual Integrations
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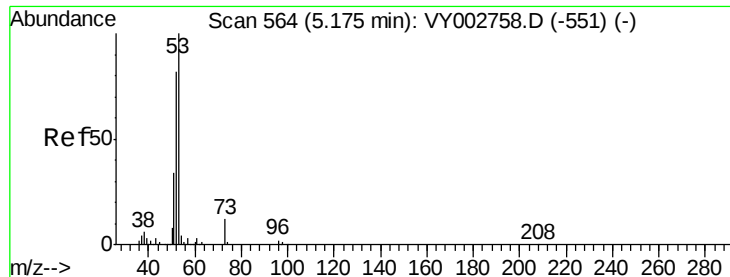
MMDadoda
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#14
Allyl chloride
Concen: 46.218 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.0	49.9	74.9
76	42.4	33.2	49.8





#15

Acrylonitrile

Concen: 237.792 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

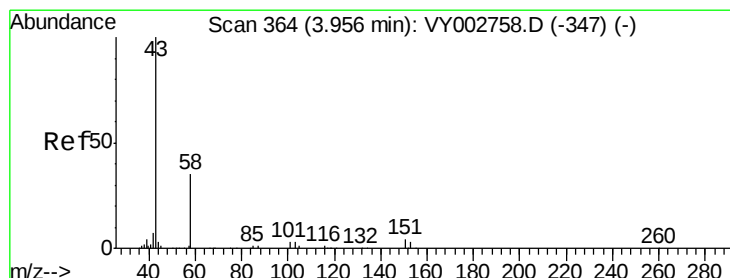
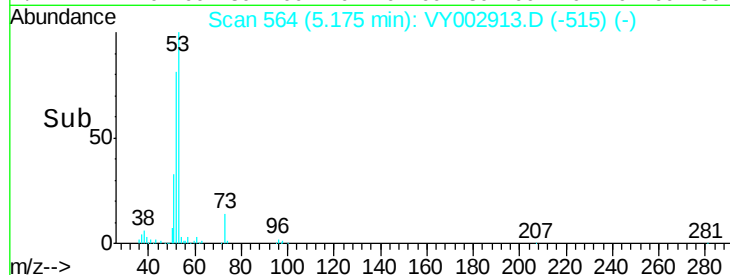
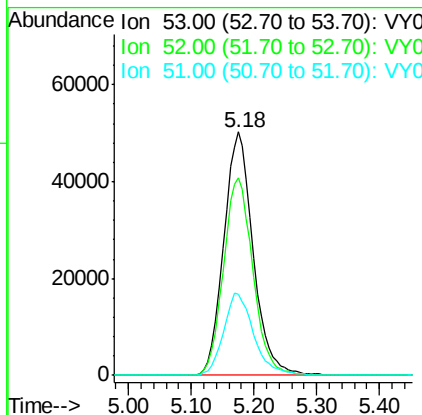
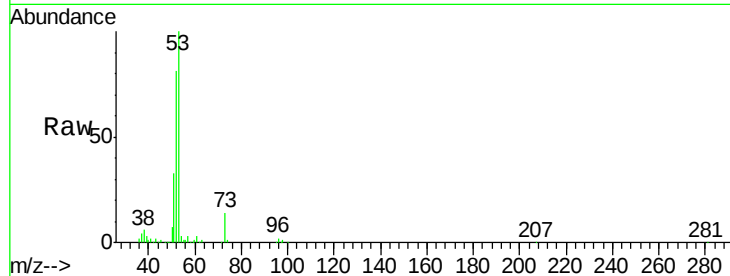
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	162634
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.3	97.9
51	34.8	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 302.098 ug/l

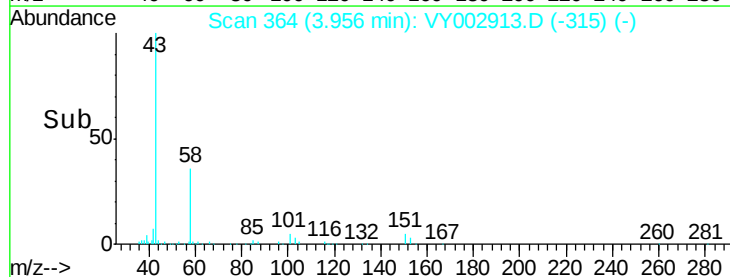
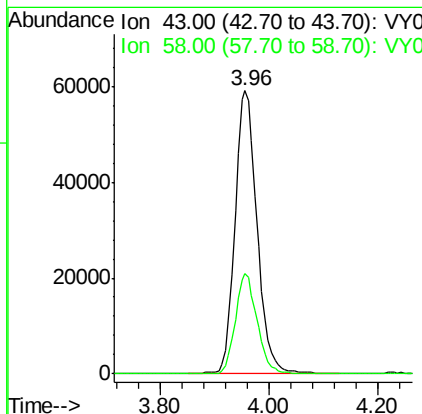
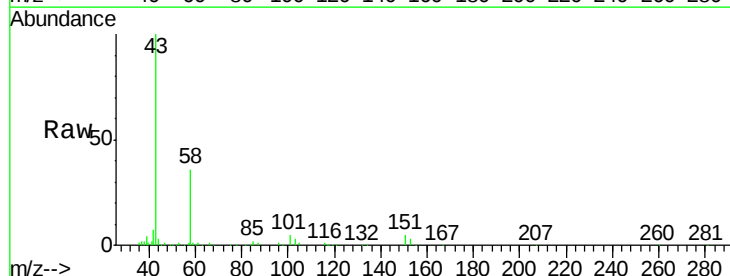
RT: 3.96 min Scan# 364

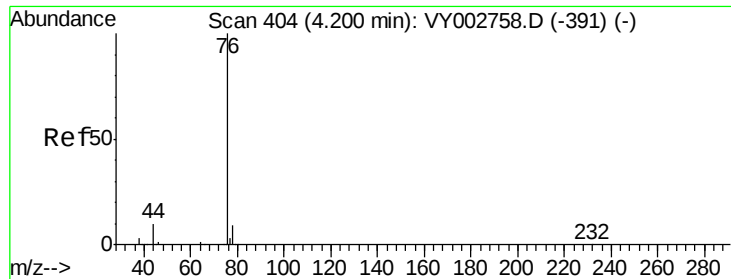
Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Tgt Ion:	43	Resp:	167614
Ion Ratio	Lower	Upper	
43	100		
58	35.7	27.7	41.5





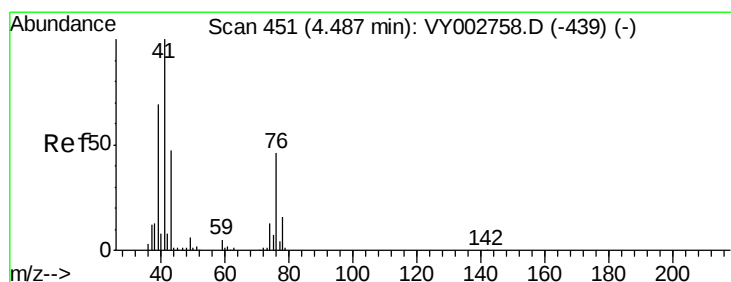
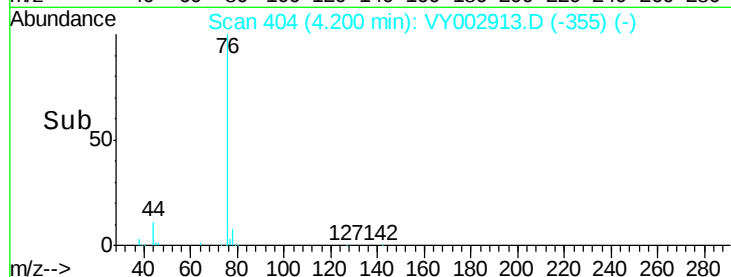
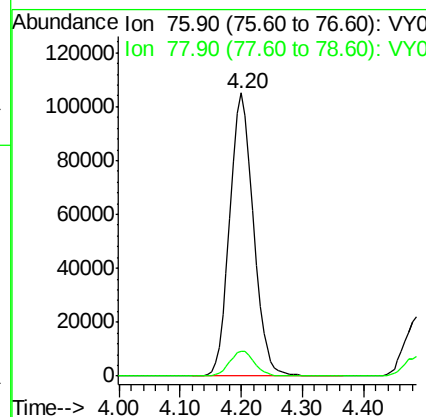
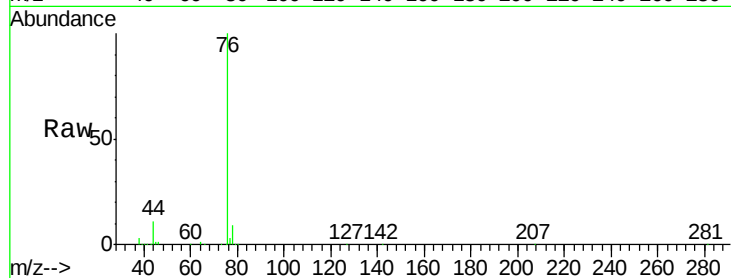
#17
Carbon Disulfide
Concen: 40.046 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	6.9	10.3

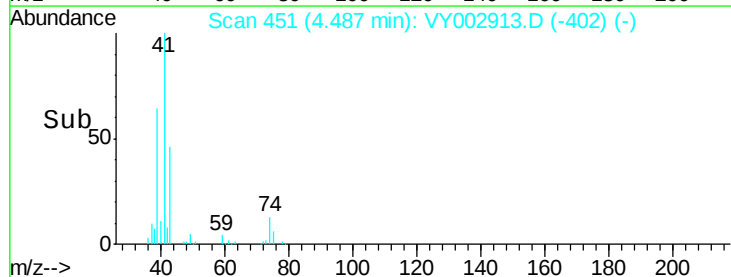
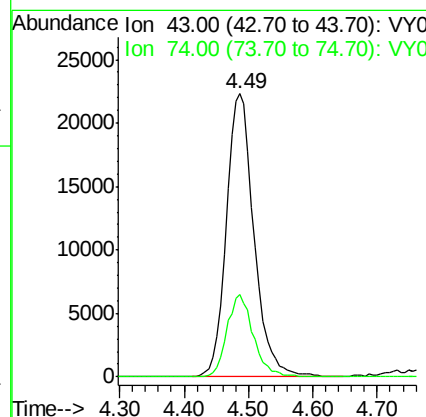
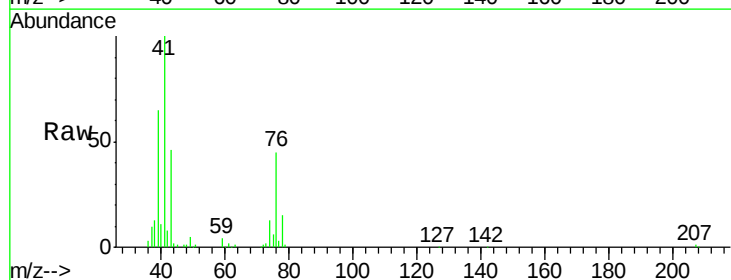
Manual Integrations
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#18
Methyl Acetate
Concen: 48.270 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.7	21.4	32.0





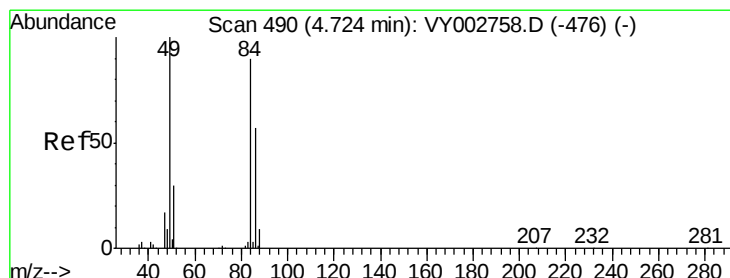
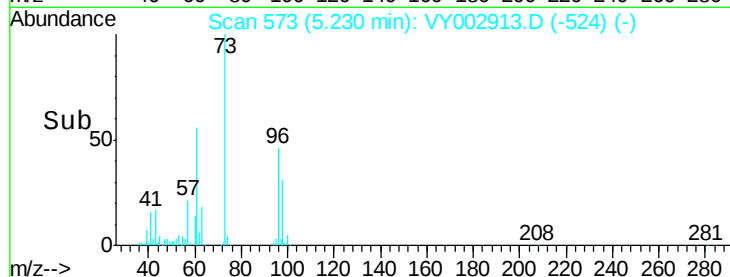
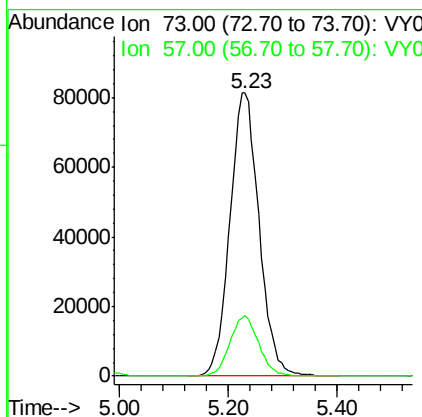
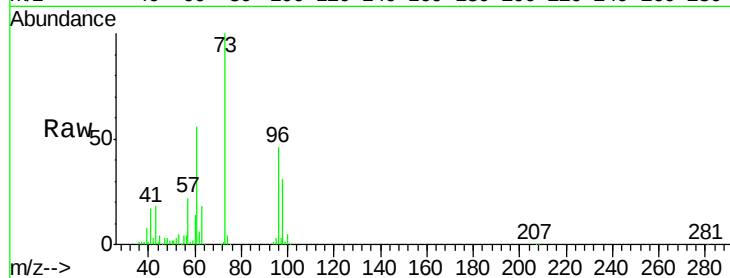
#19
Methvl tert-butvl Ether
Concen: 47.459 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.0	25.4

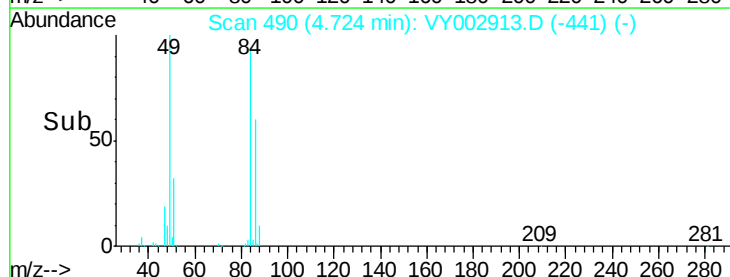
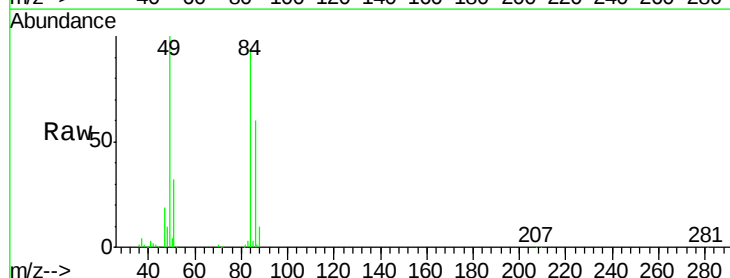
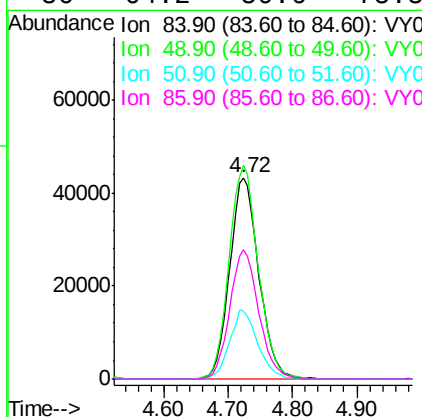
Manual Integrations
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#20
Methylene Chloride
Concen: 50.343 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.2	88.5	132.7
51	33.9	26.8	40.2
86	64.2	50.6	75.8





#21

trans-1,2-Dichloroethene

Concen: 45.700 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

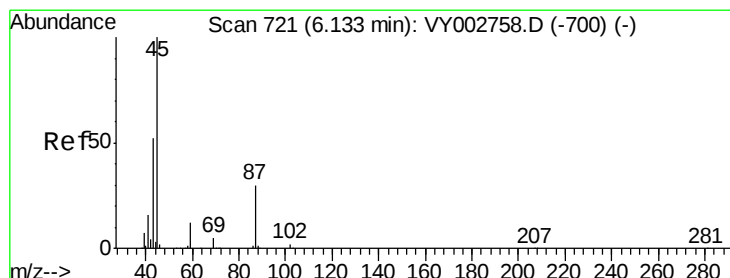
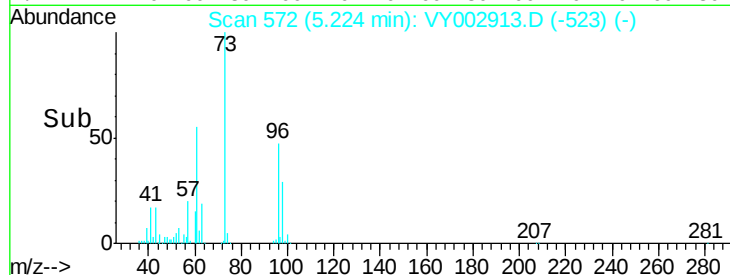
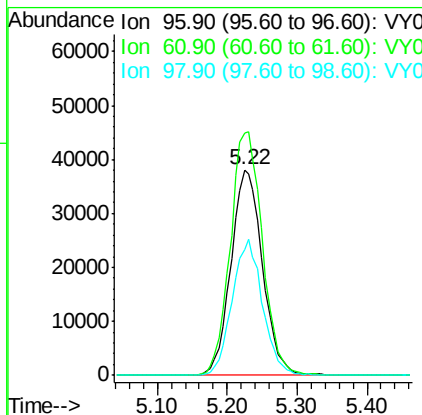
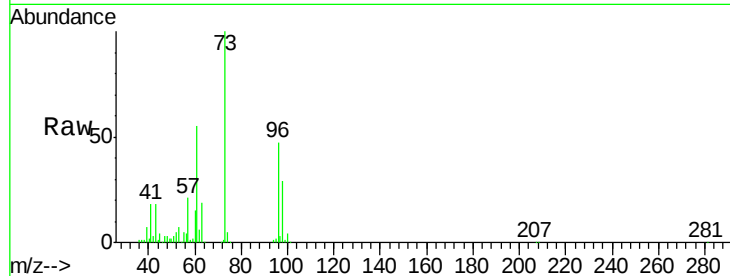
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	119147
Ion Ratio	Lower	Upper	
96	100		
61	117.9	96.8	145.2
98	61.5	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.702 ug/l

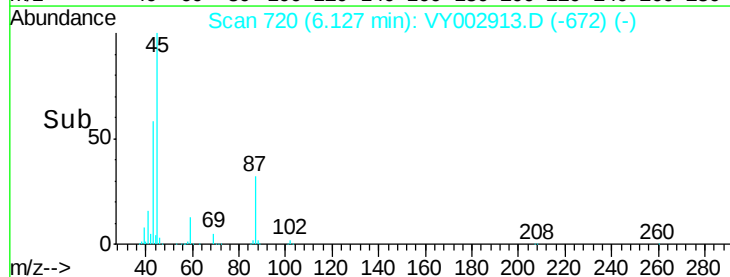
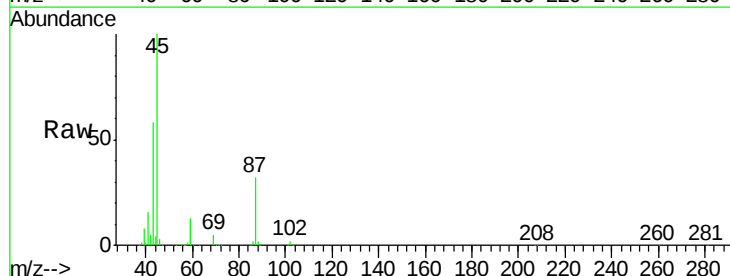
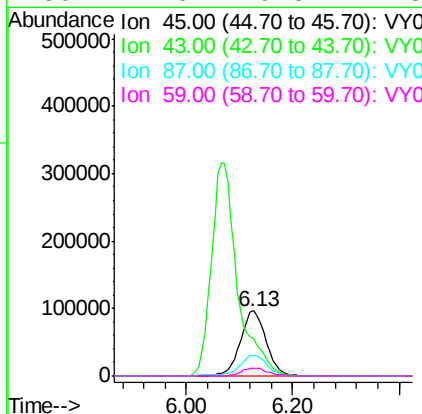
RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Tgt Ion:	45	Resp:	322686
Ion Ratio	Lower	Upper	
45	100		
43	57.5	41.7	62.5
87	32.5	24.2	36.2
59	12.6	9.8	14.8





#23

Vinyl Acetate

Concen: 236.412 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1078465

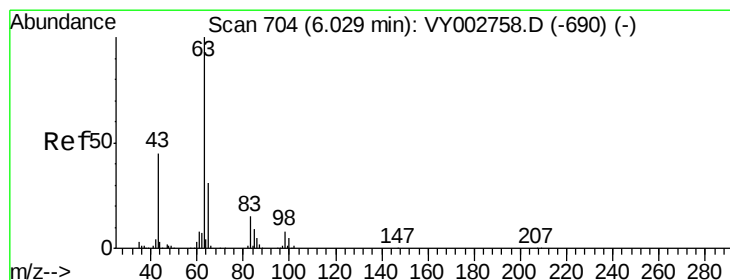
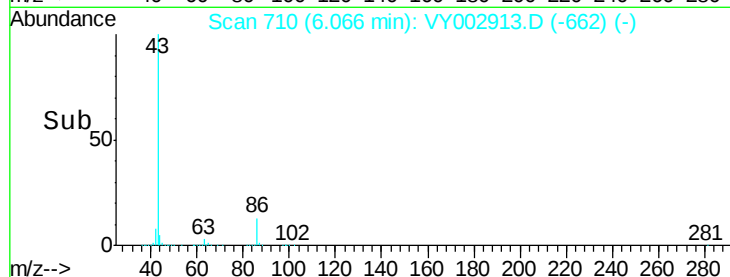
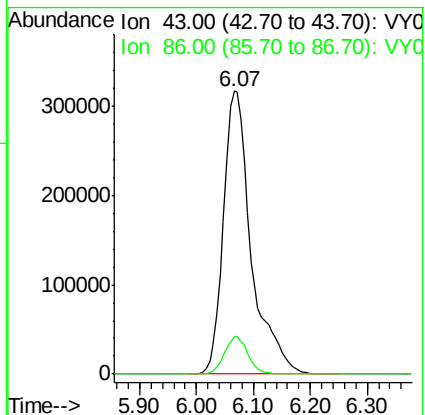
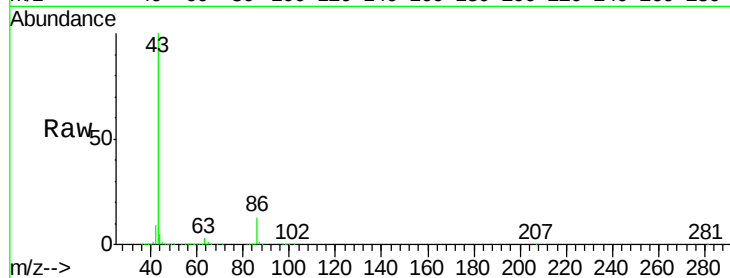
Ion Ratio Lower Upper

43 100

86 13.2 10.2 15.2

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 47.329 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

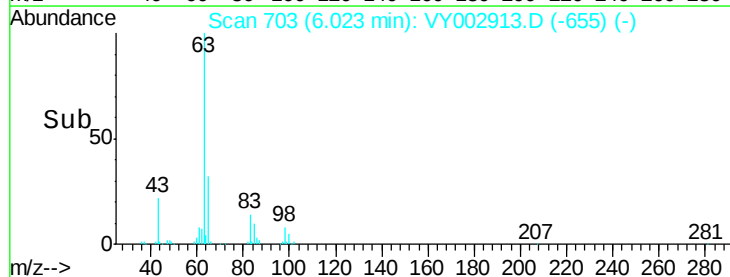
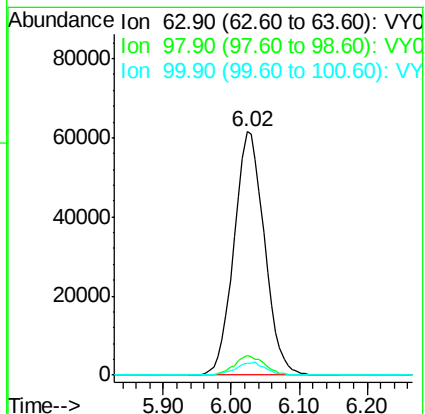
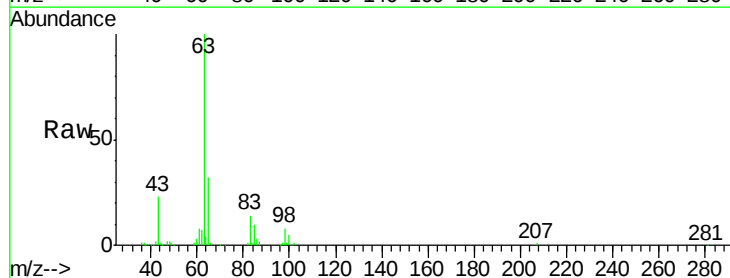
Tgt Ion: 63 Resp: 191298

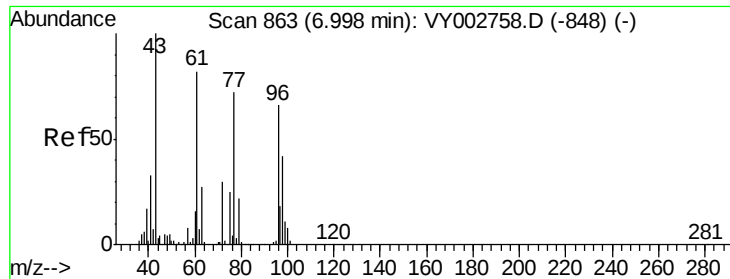
Ion Ratio Lower Upper

63 100

98 8.3 4.0 12.2

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 247.407 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 213866

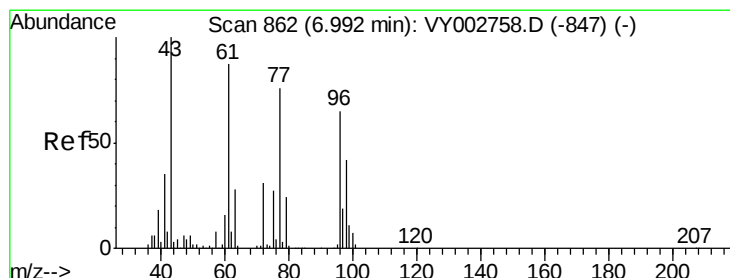
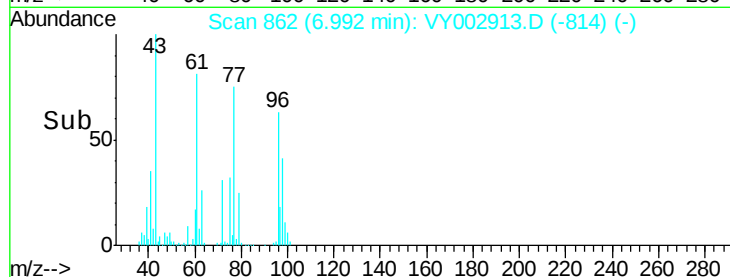
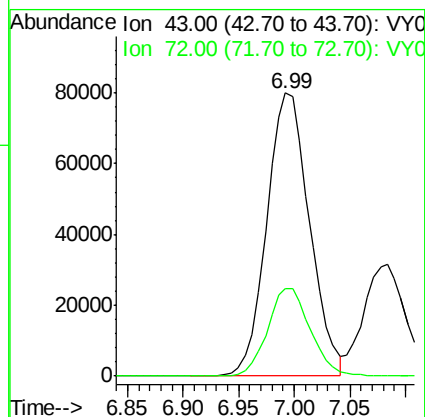
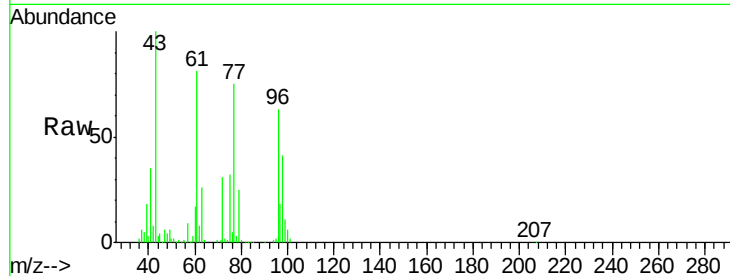
Ion Ratio Lower Upper

43 100

72 31.0 23.9 35.9

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 48.031 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002913.D

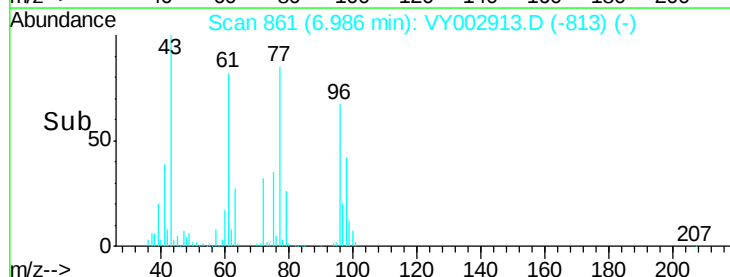
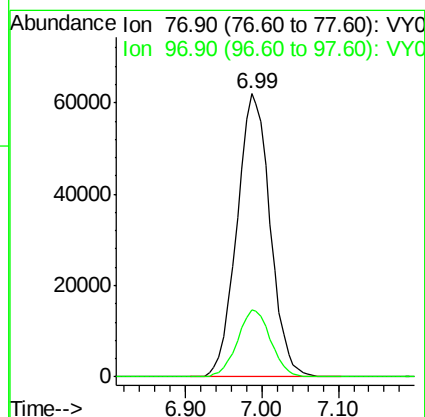
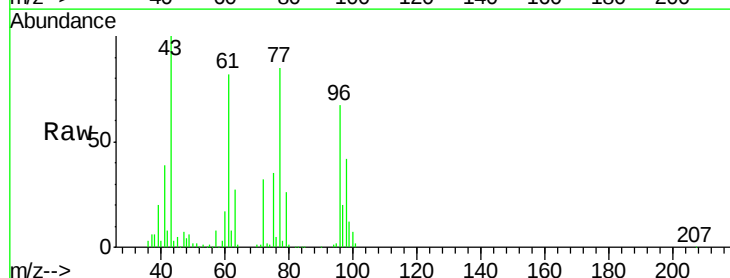
Acq: 18 Jun 2020 11:15

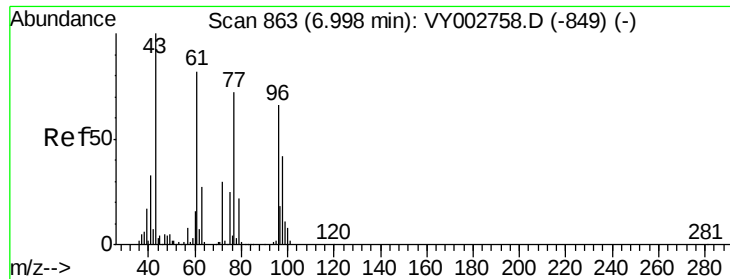
Tgt Ion: 77 Resp: 186189

Ion Ratio Lower Upper

77 100

97 23.7 12.2 36.6





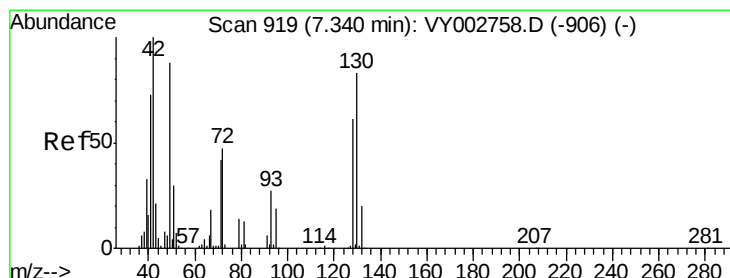
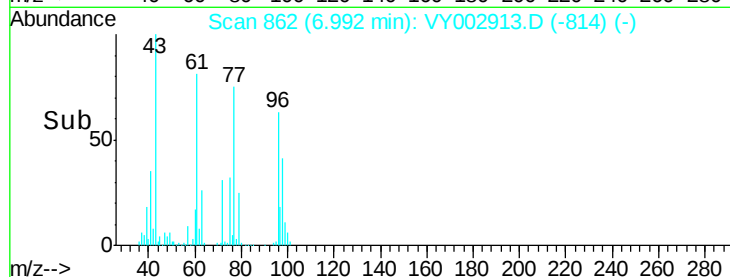
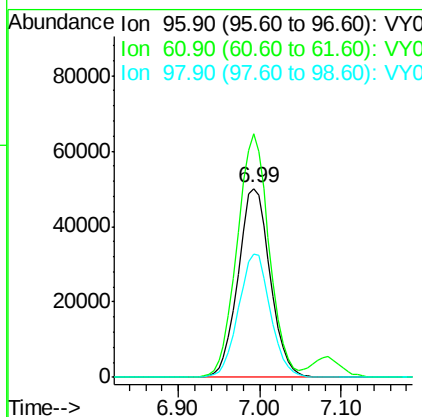
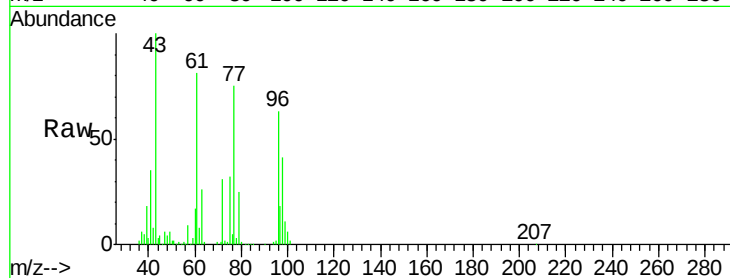
#27
 cis-1,2-Dichloroethene
 Concen: 46.827 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	128.4	0.0	260.2	
98	65.0	0.0	128.2	

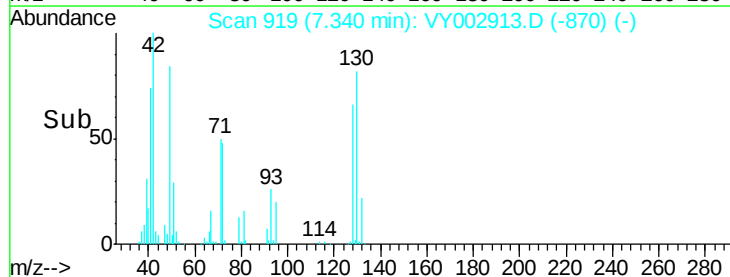
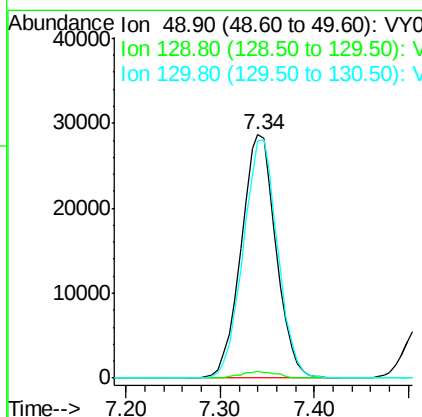
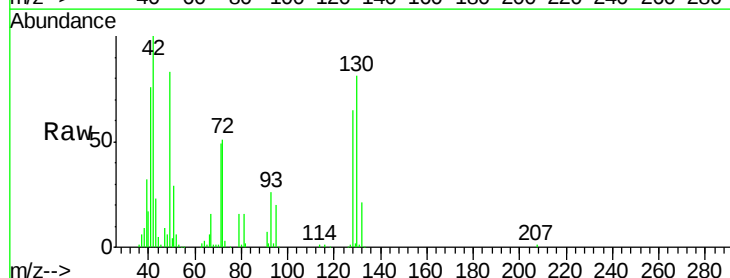
Manual Integrations
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#28
 Bromochloromethane
 Concen: 44.683 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.8	0.0	5.2	
130	97.2	77.1	115.7	





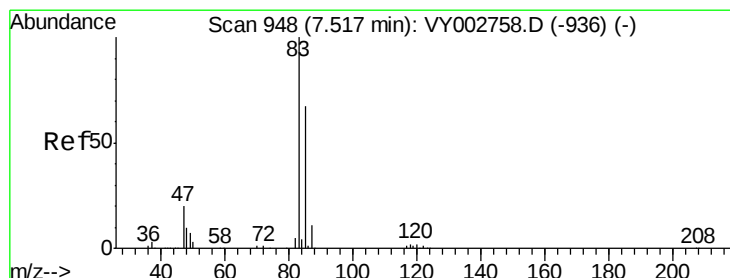
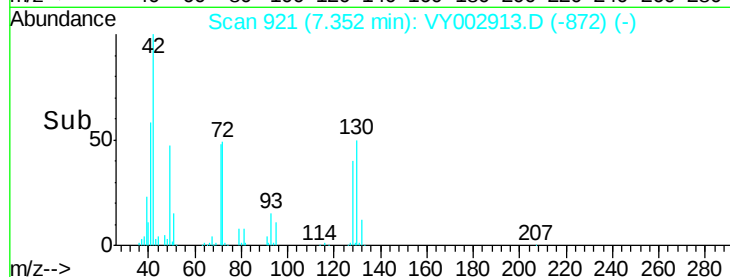
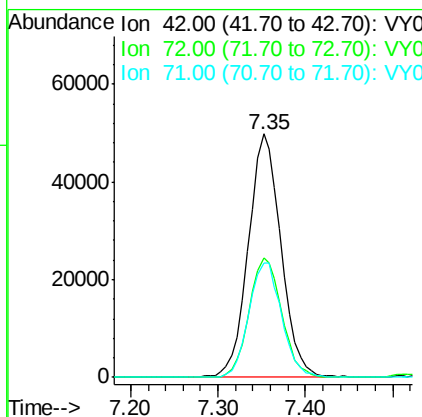
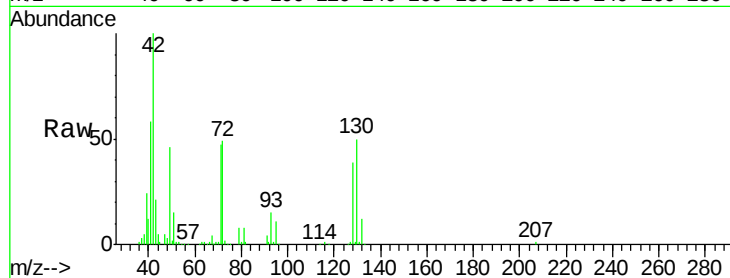
#29
Tetrahydrofuran
Concen: 229.790 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.3	38.6	58.0
71	47.5	35.8	53.8

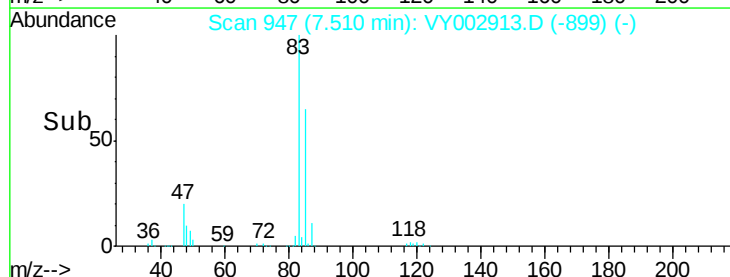
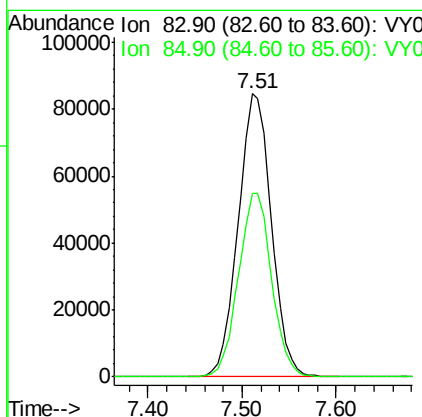
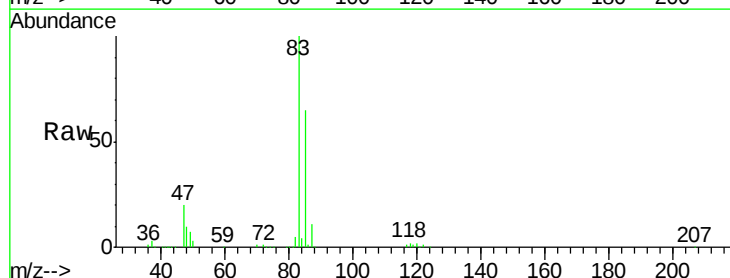
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#30
Chloroform
Concen: 48.538 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	53.8	80.8





#31

Cyclohexane

Concen: 42.210 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

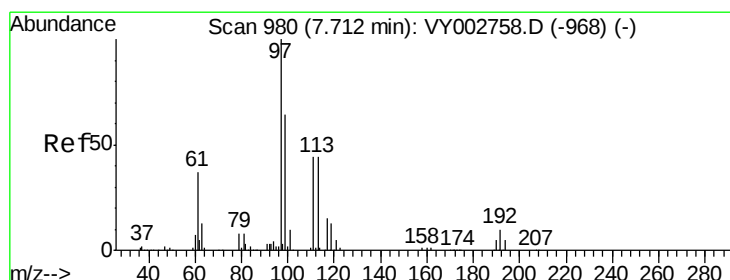
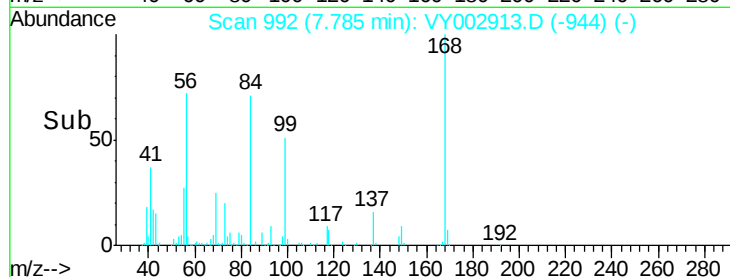
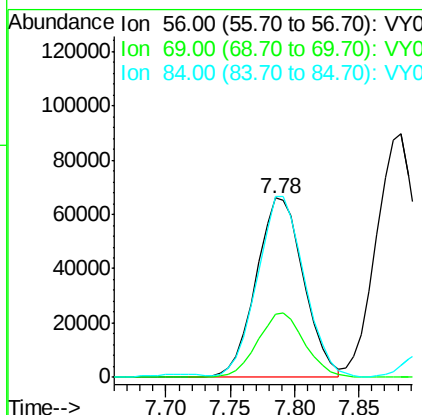
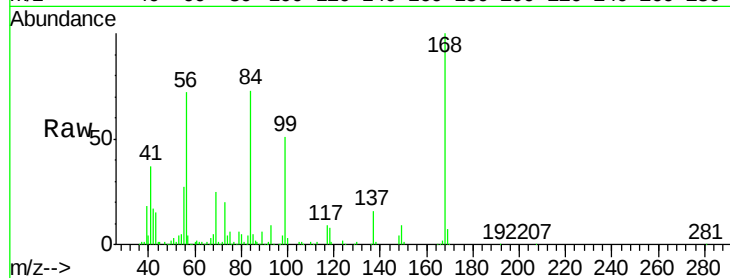
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	169391
Ion Ratio	Lower	Upper	
56	100		
69	35.1	28.0	42.0
84	98.9	77.7	116.5

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#32

1,1,1-Trichloroethane

Concen: 49.015 ug/l

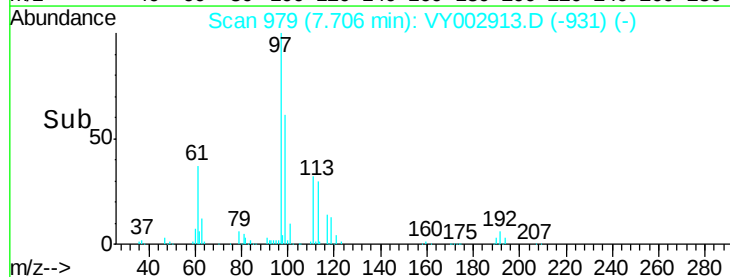
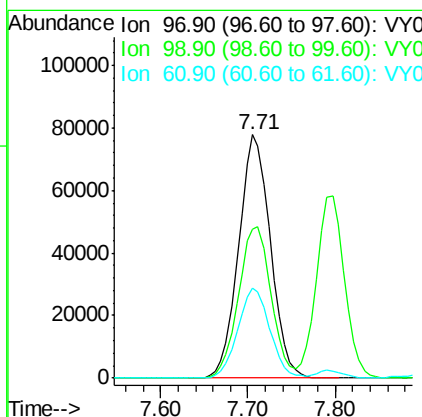
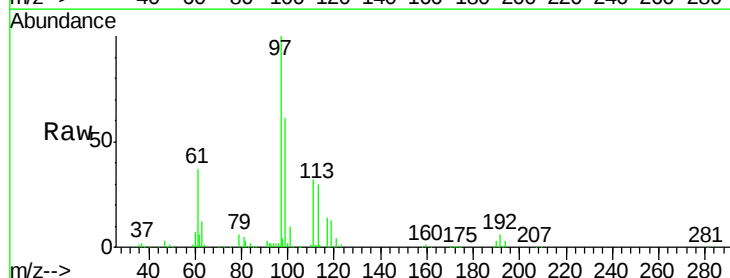
RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Tgt Ion:	97	Resp:	195898
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.4	77.0
61	37.3	30.1	45.1





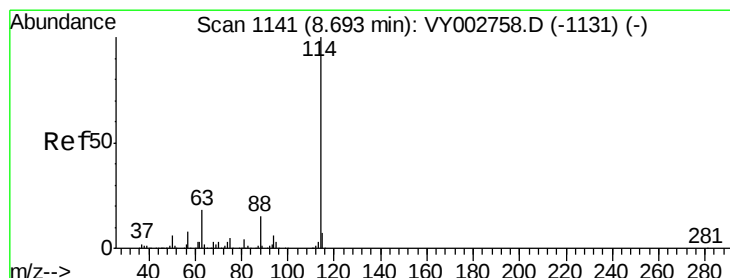
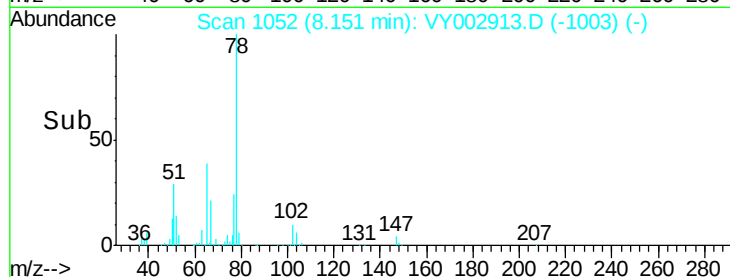
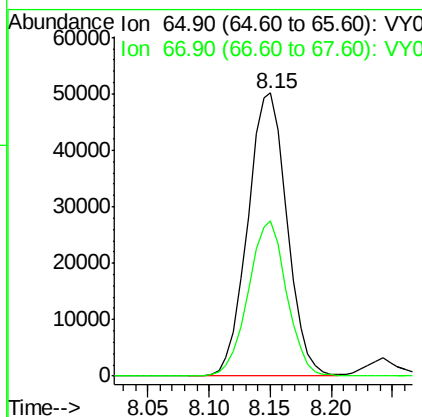
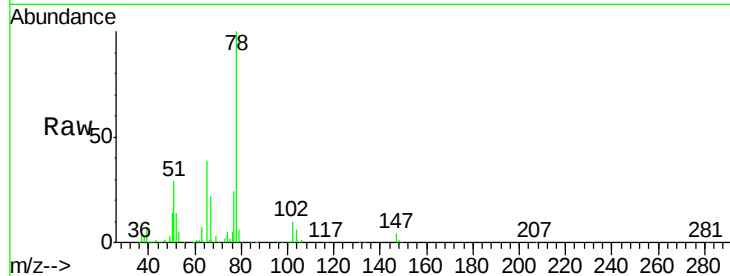
#33
 1,2-Dichloroethane-d4
 Concen: 47.394 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.6	0.0	111.0	

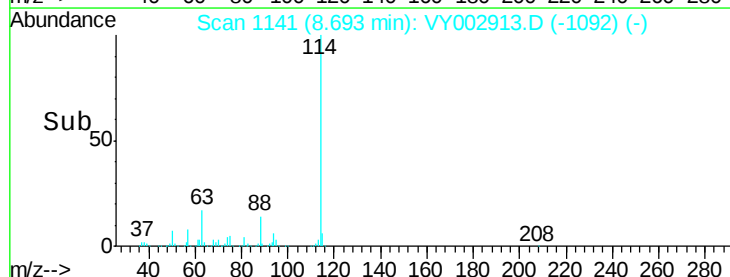
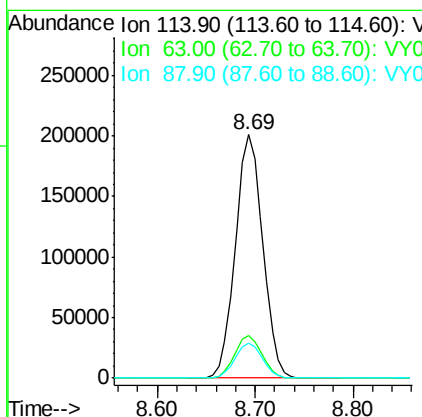
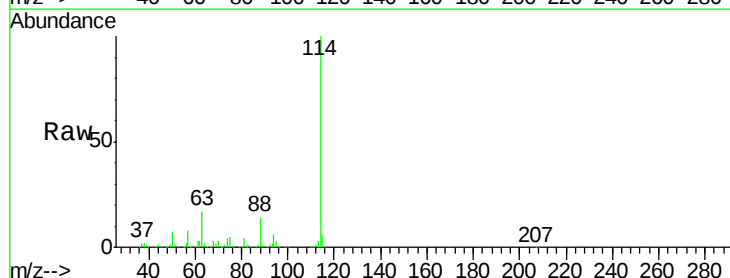
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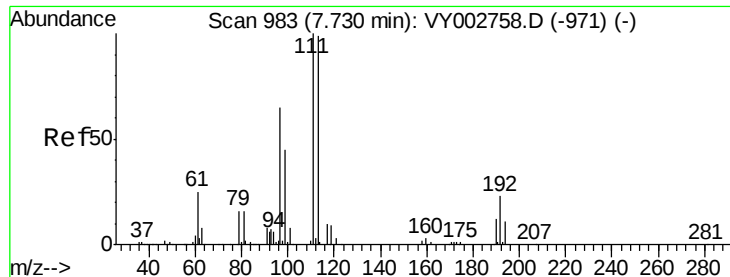
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.5	0.0	35.2	
88	14.4	0.0	29.2	





#35

Dibromofluoromethane

Concen: 50.828 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

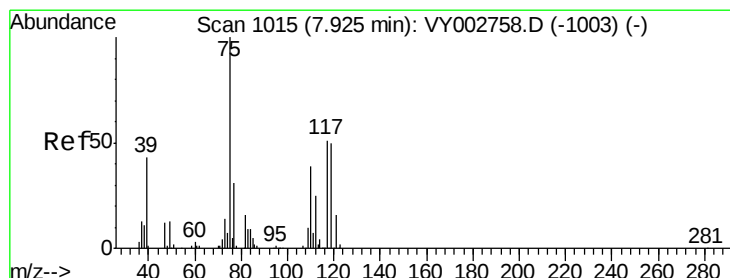
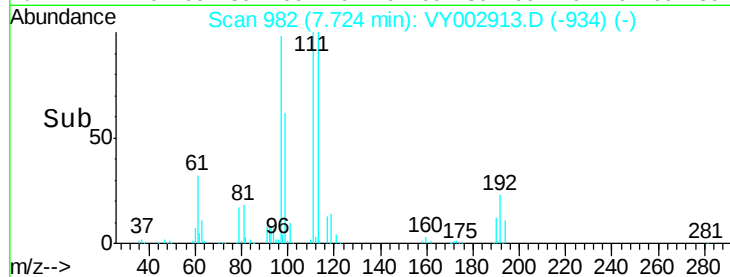
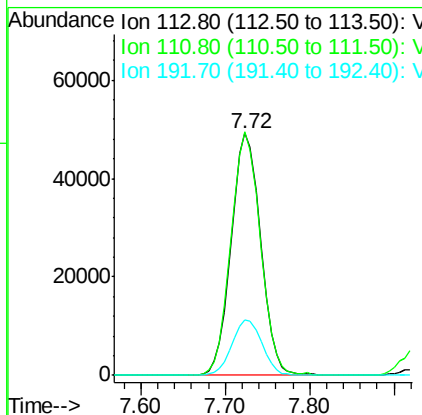
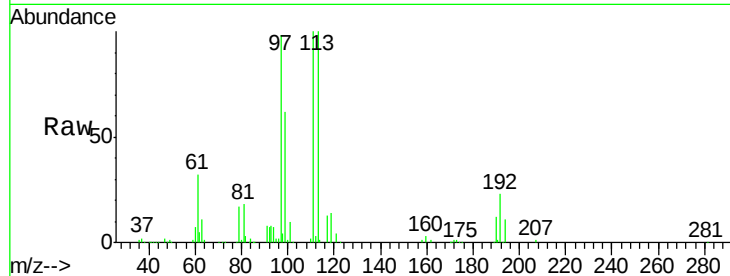
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	116563
Ion Ratio	Lower	Upper	
113	100		
111	100.1	82.0	123.0
192	23.3	18.9	28.3

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#36

1,1-Dichloropropene

Concen: 47.388 ug/l

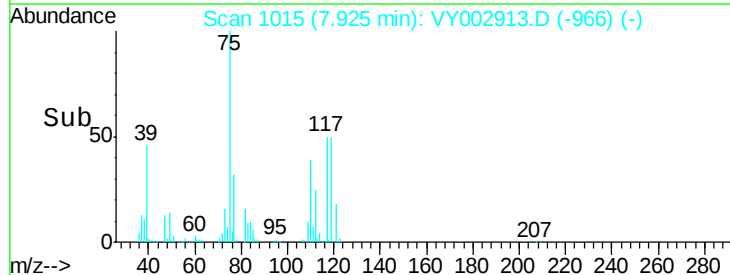
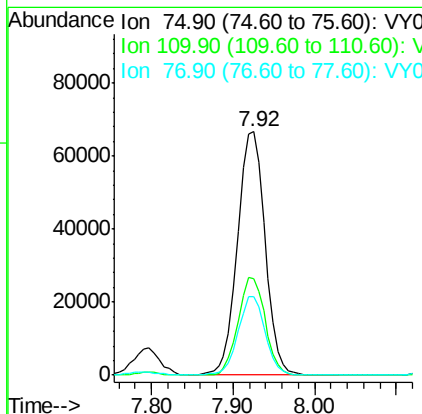
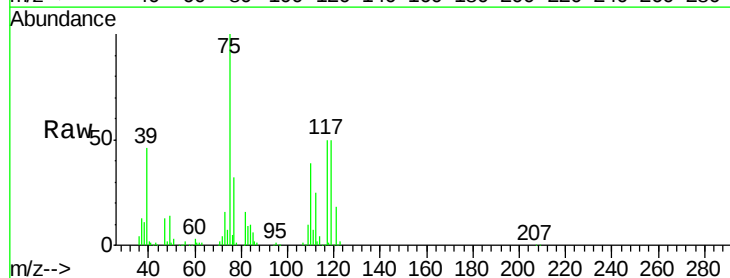
RT: 7.92 min Scan# 1015

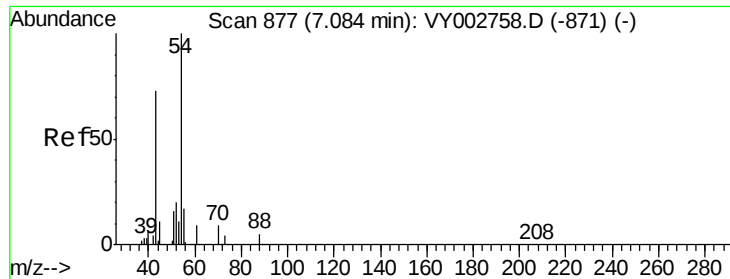
Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Tgt Ion:	75	Resp:	156205
Ion Ratio	Lower	Upper	
75	100		
110	39.3	19.3	57.9
77	31.5	24.8	37.2





#37

Ethyl Acetate

Concen: 47.786 ug/l

RT: 7.08 min Scan# 877

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

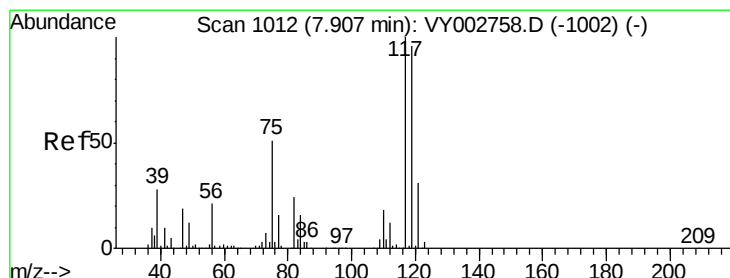
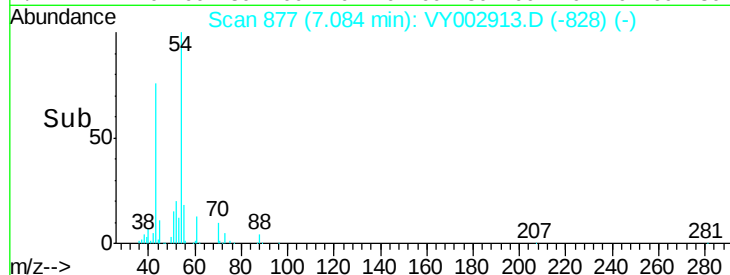
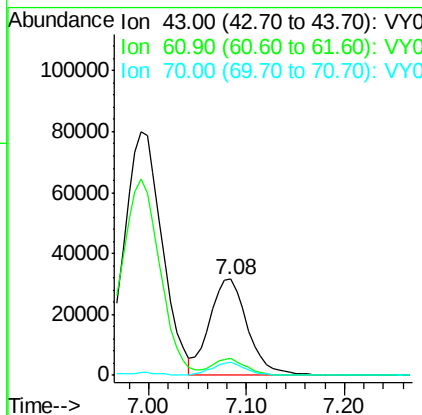
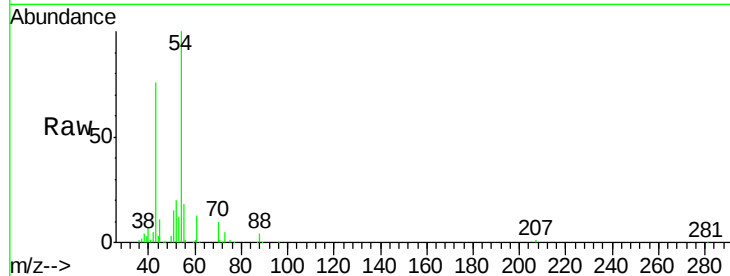
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	85702
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.9	17.9
70	12.1	9.1	13.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 49.999 ug/l

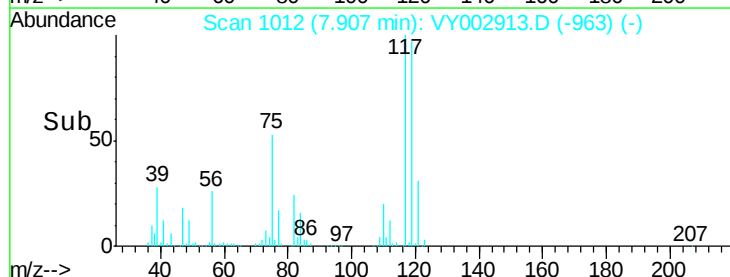
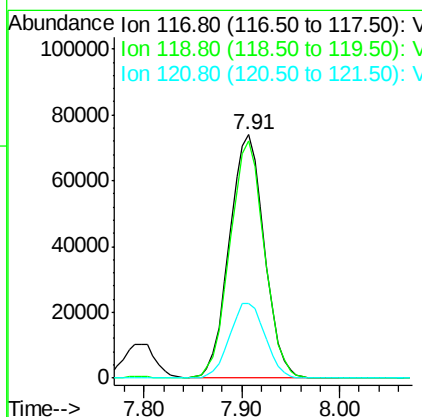
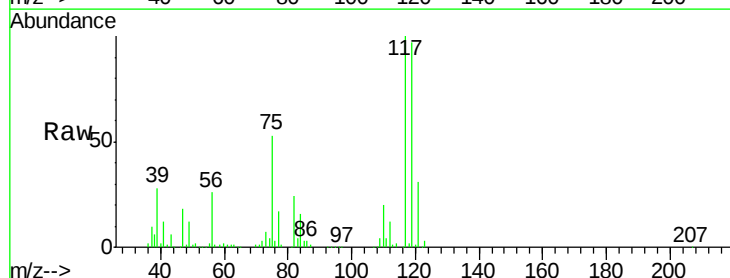
RT: 7.91 min Scan# 1012

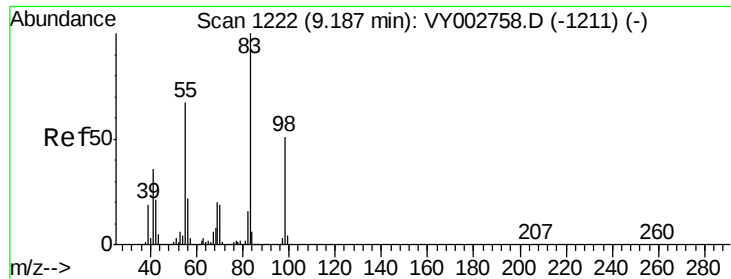
Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Tgt Ion:	117	Resp:	183091
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.8	115.2
121	30.6	24.8	37.2





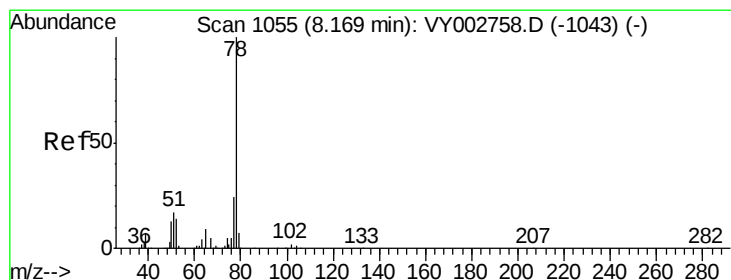
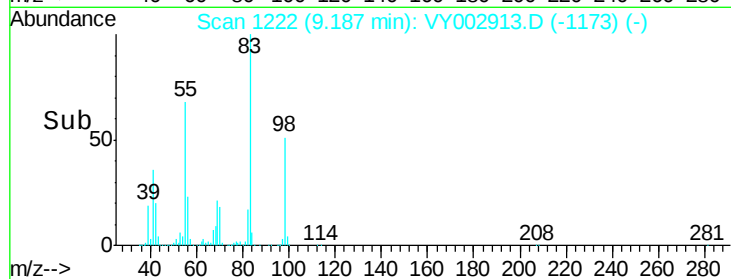
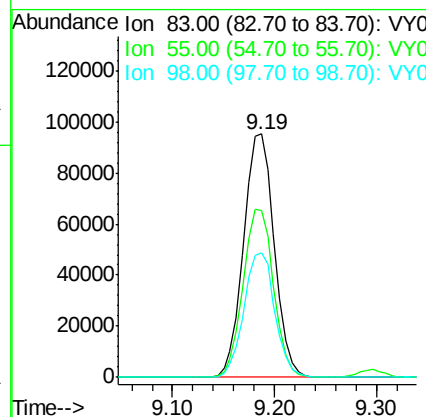
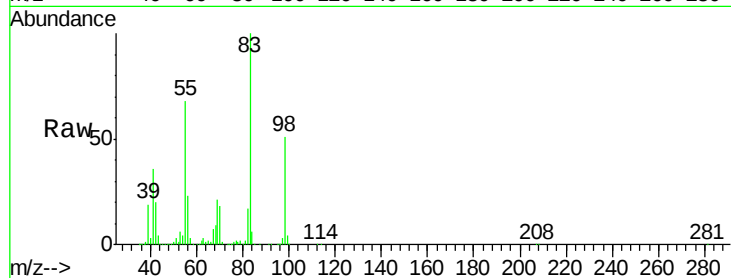
#39
Methvlcvclohexane
Concen: 45.708 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	198593
Ion	Ratio	Lower	Upper
83	100		
55	68.3	53.3	79.9
98	51.0	41.1	61.7

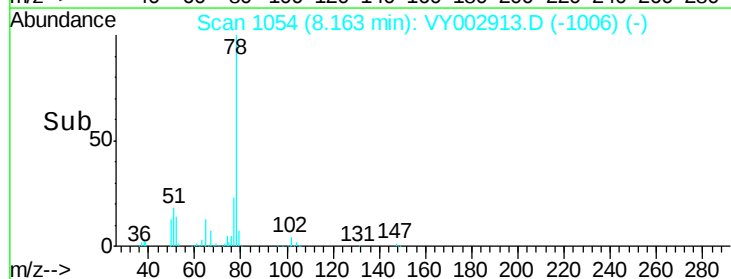
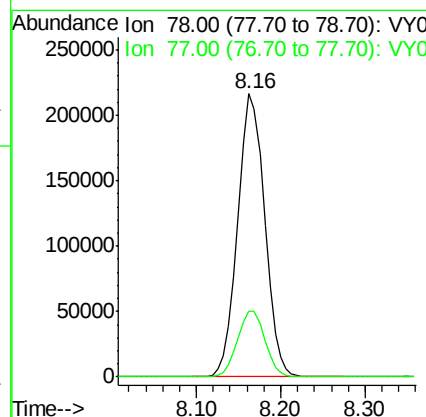
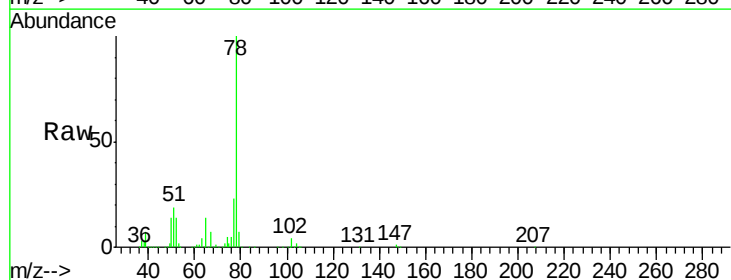
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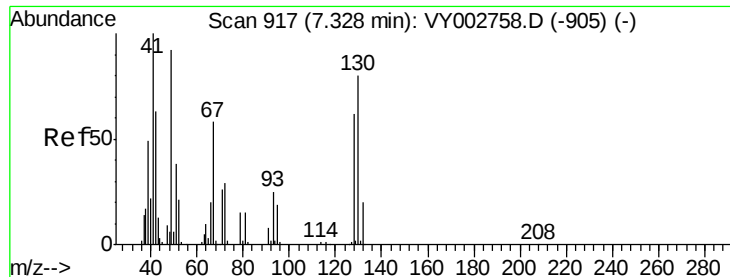
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#40
Benzene
Concen: 48.130 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion	78	Resp	468779
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2





#41

Methacrylonitrile

Concen: 57.316 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 55223

Ion Ratio Lower Upper

41 100

39 0.0 97.6 146.4#

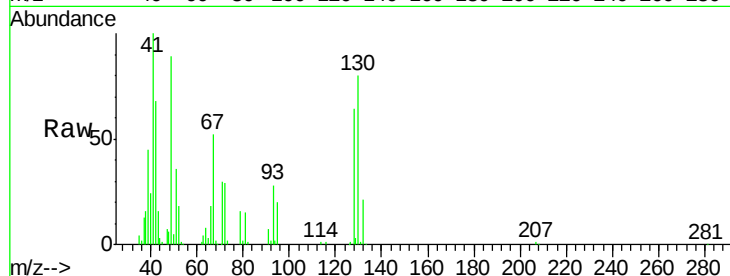
67 0.0 0.0 0.0

52 0.0 0.0 0.0

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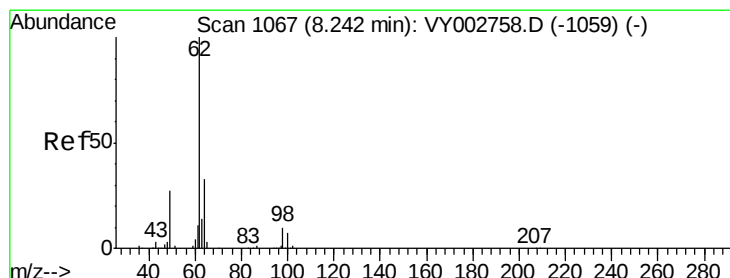
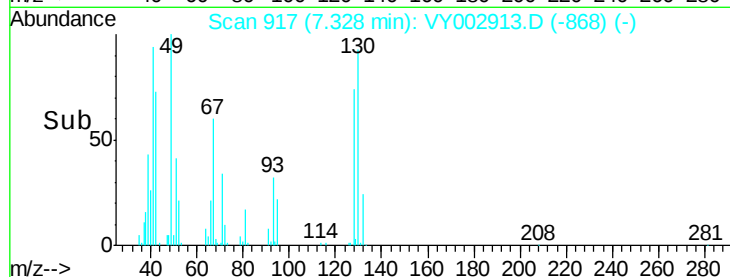
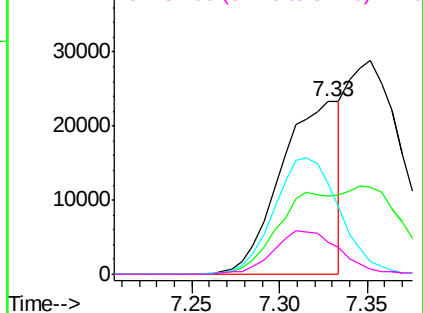


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 49.022 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002913.D

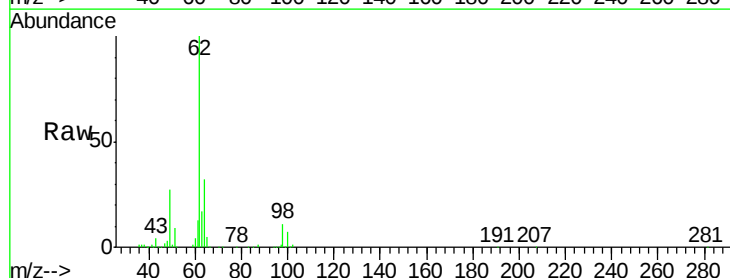
Acq: 18 Jun 2020 11:15

Tgt Ion: 62 Resp: 133813

Ion Ratio Lower Upper

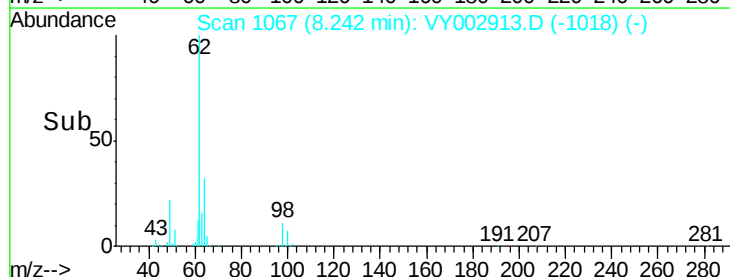
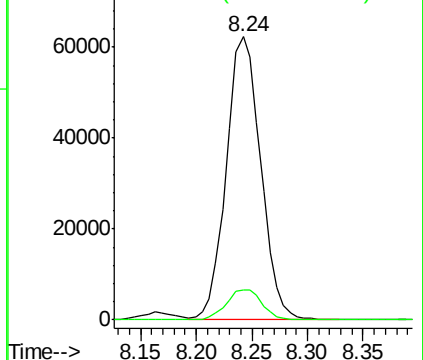
62 100

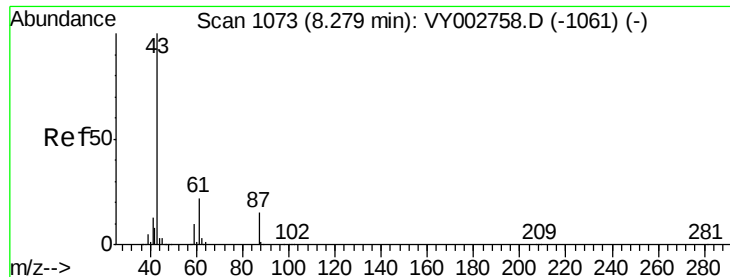
98 11.0 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 47.813 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

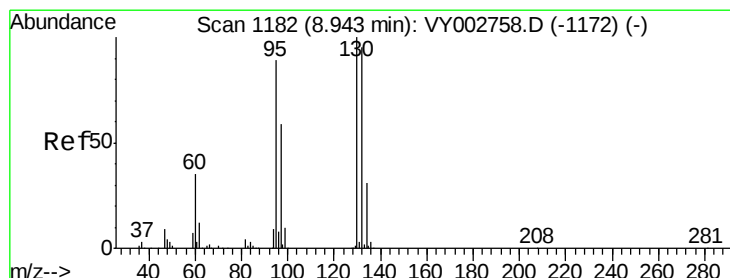
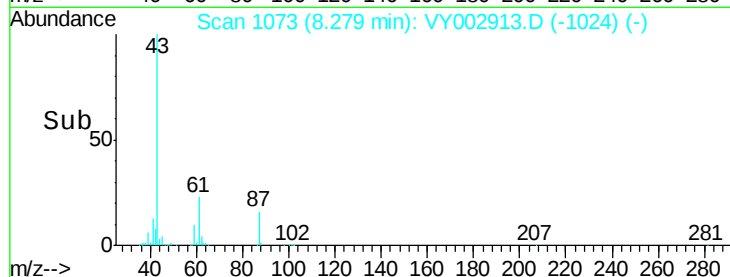
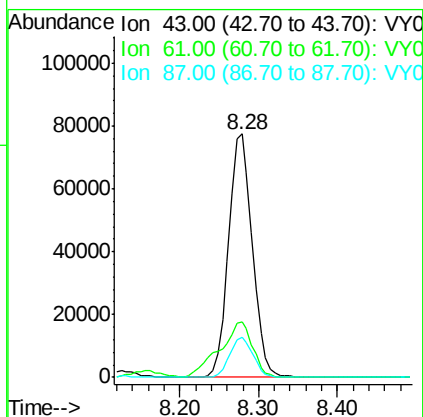
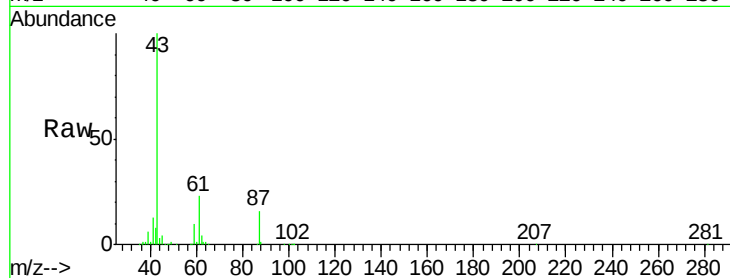
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	162497
Ion Ratio		Lower	Upper
43	100		
61	31.6	24.8	37.2
87	16.3	12.4	18.6

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#44

Trichloroethene

Concen: 47.927 ug/l

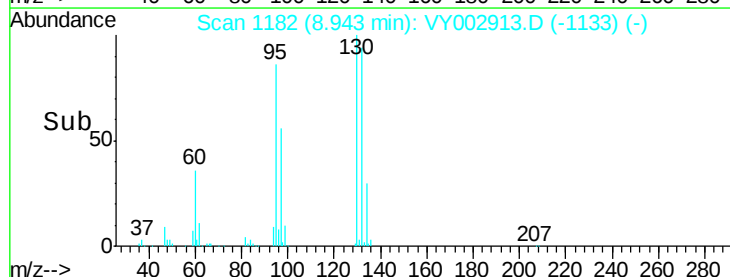
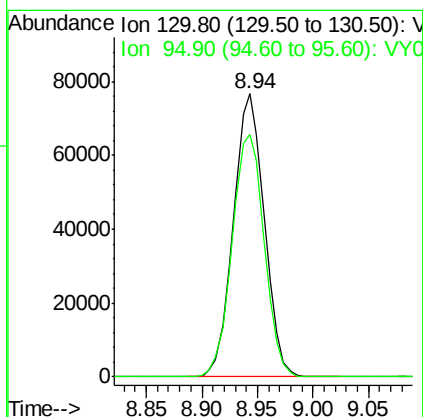
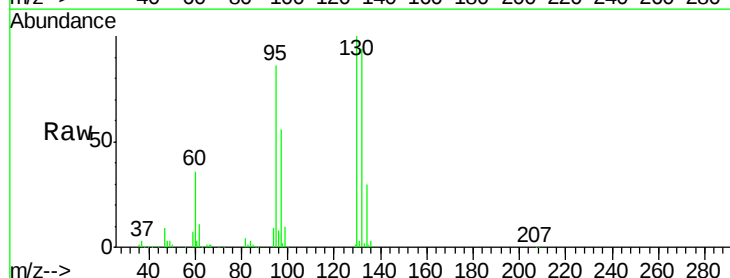
RT: 8.94 min Scan# 1182

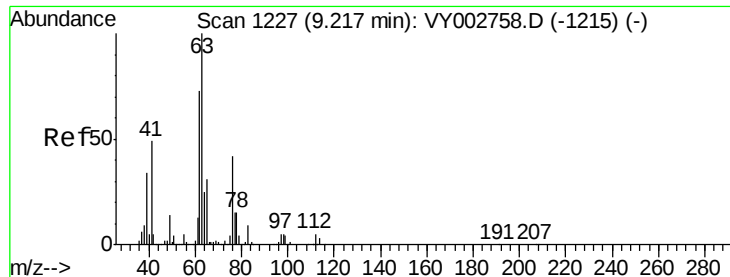
Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Tgt Ion:	130	Resp:	147451
Ion Ratio		Lower	Upper
130	100		
95	85.8	0.0	178.8





#45

1,2-Dichloropropane

Concen: 48.400 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 113050

Ion Ratio Lower Upper

63 100

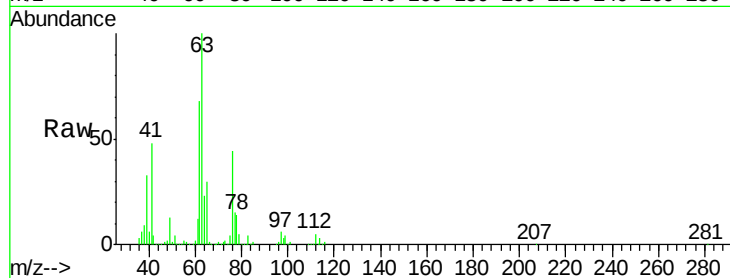
65 29.6 24.8 37.2

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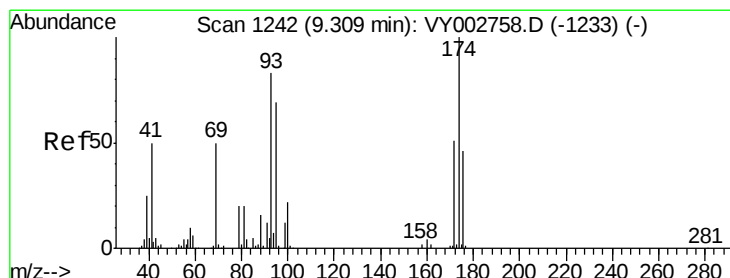
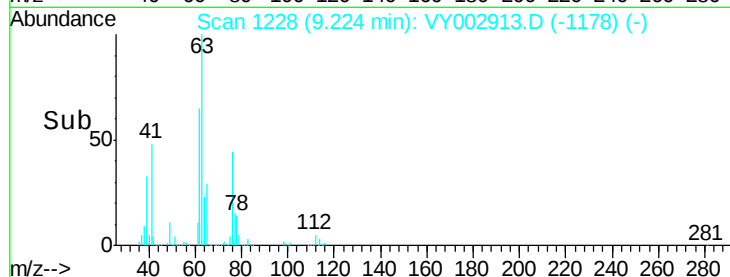
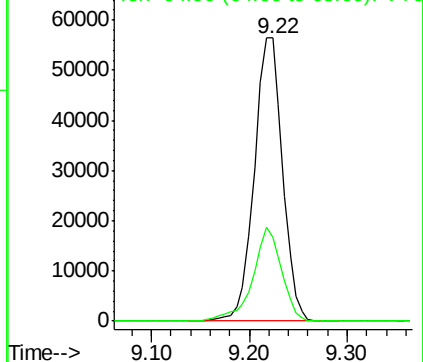
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 48.719 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

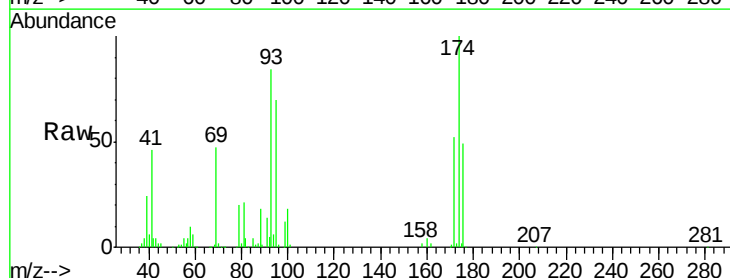
Tgt Ion: 93 Resp: 67581

Ion Ratio Lower Upper

93 100

95 83.0 66.9 100.3

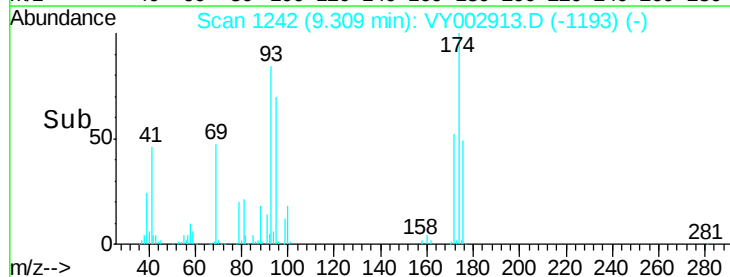
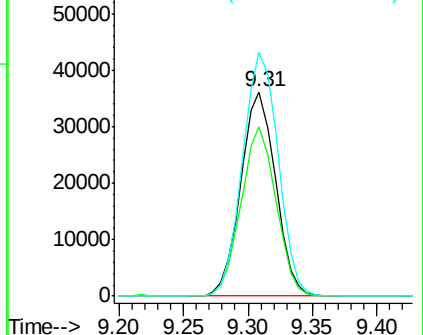
174 122.0 97.7 146.5



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.563 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

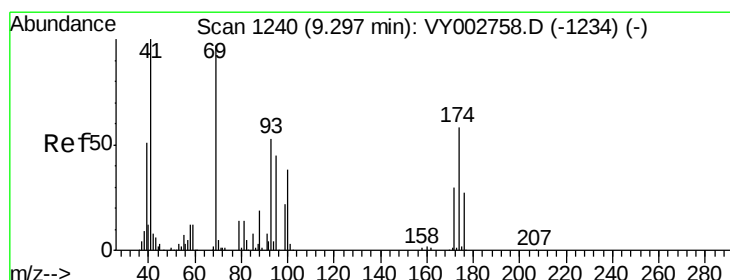
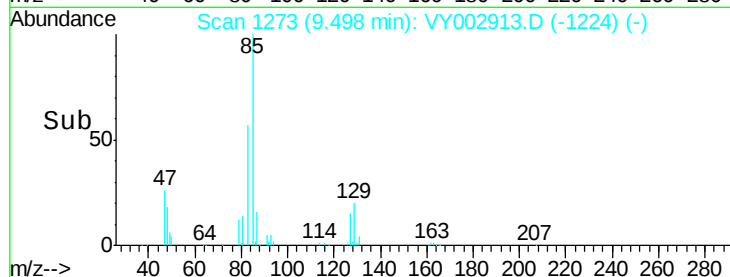
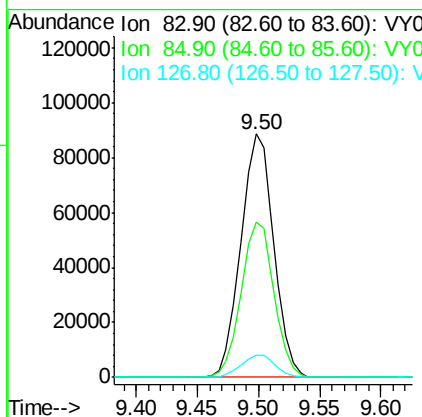
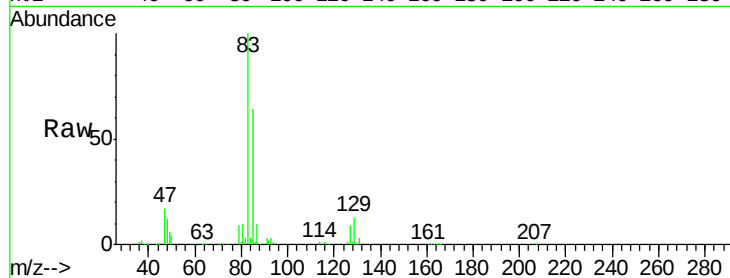
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	165350
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.9	77.9
127	9.3	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.912 ug/l

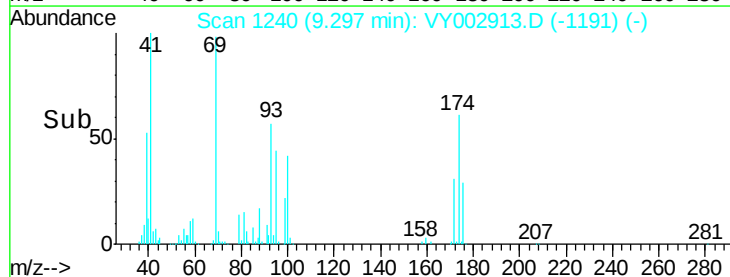
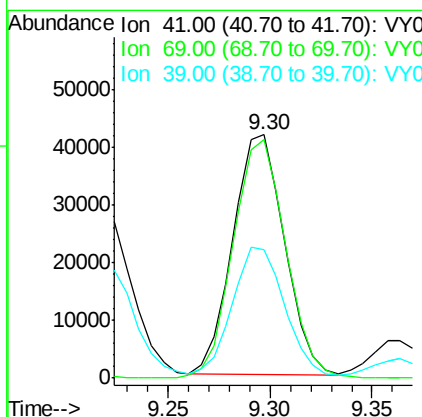
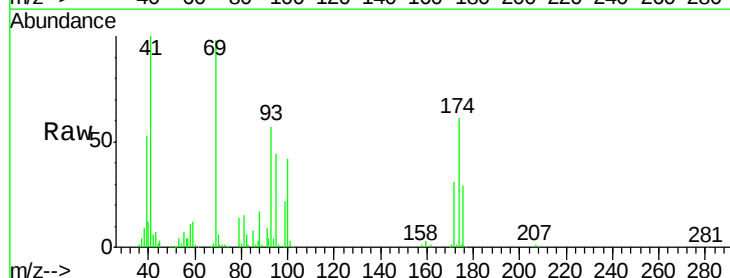
RT: 9.30 min Scan# 1240

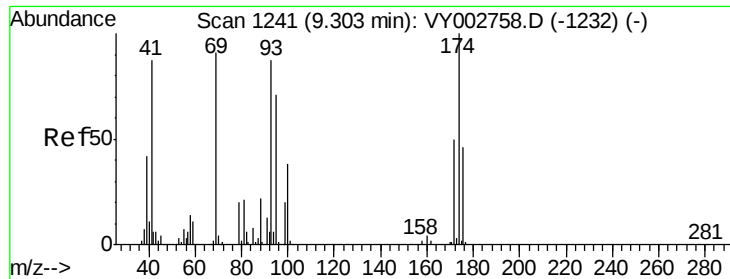
Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Tgt Ion:	41	Resp:	73507
Ion Ratio	Lower	Upper	
41	100		
69	100.9	79.7	119.5
39	56.2	43.3	64.9





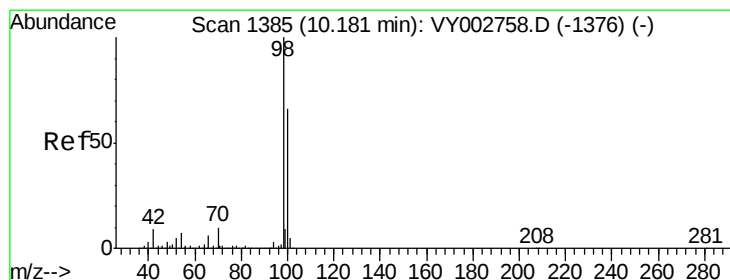
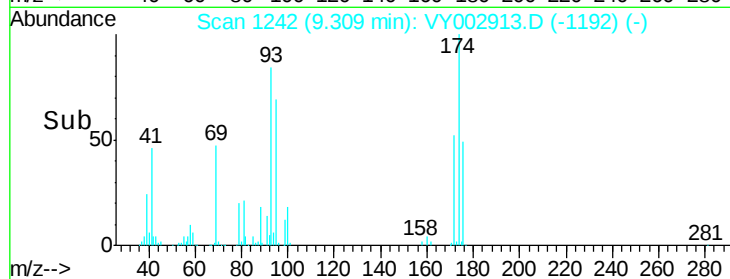
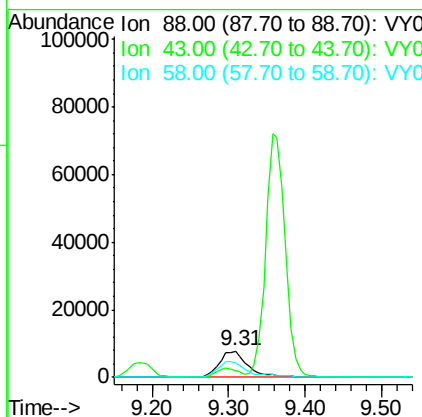
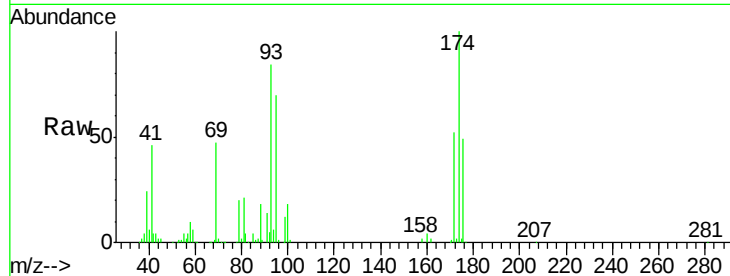
#49
1,4-Dioxane
Concen: 953.358 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	20306
Ion	Ratio	Lower	Upper
88	100		
43	26.1	21.3	31.9
58	64.5	52.2	78.2

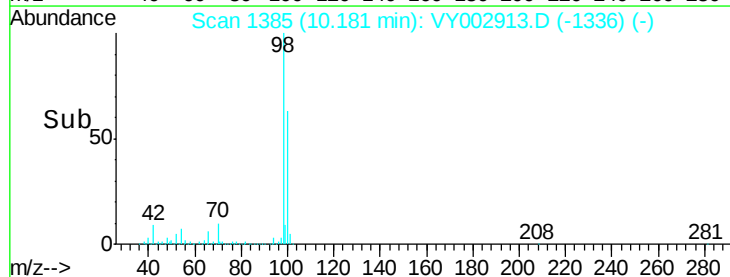
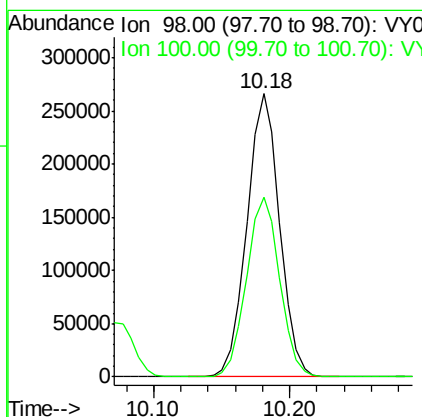
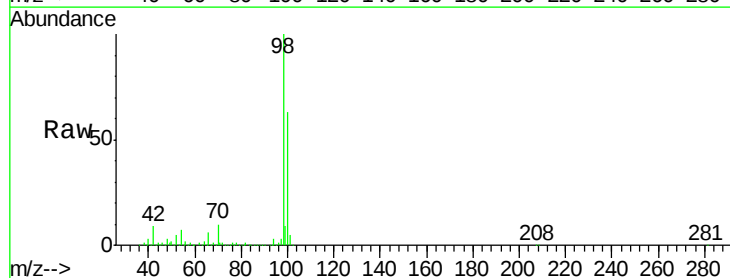
Manual Integrations
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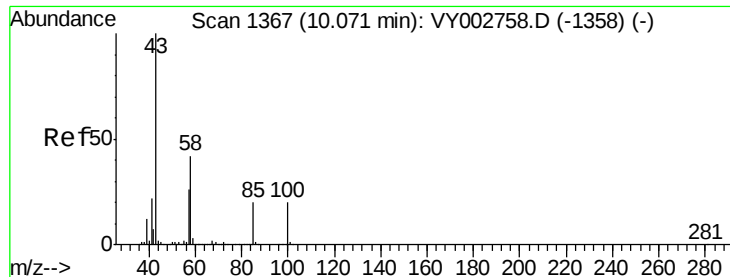
MMDadoda
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#50
Toluene-d8
Concen: 48.167 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion	98	Resp	446621
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 245.007 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 440924

Ion Ratio Lower Upper

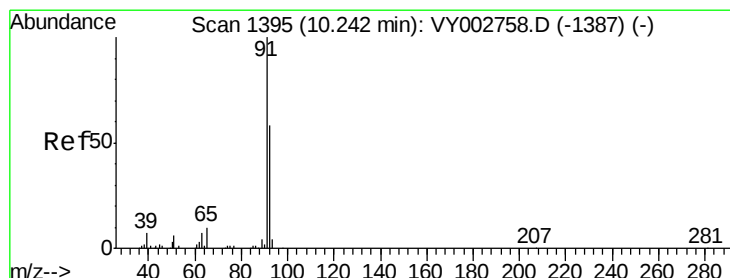
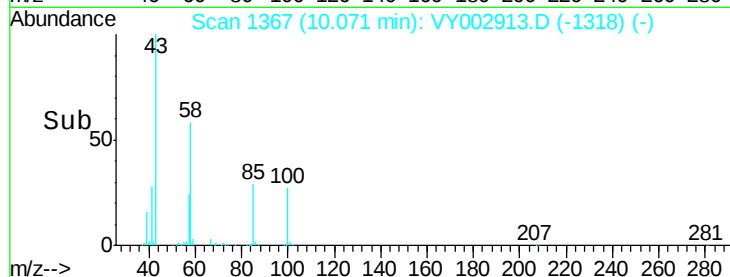
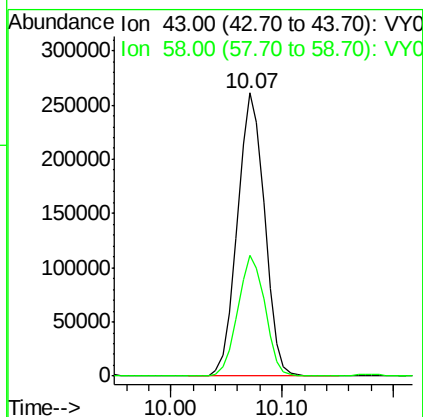
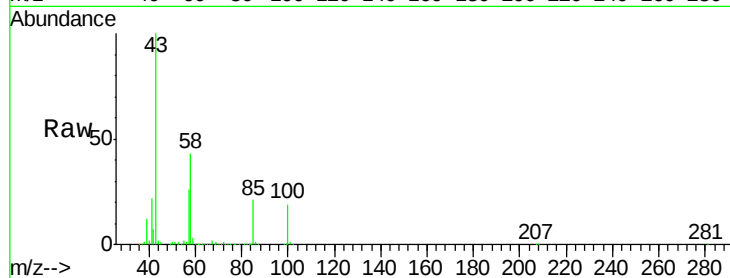
43 100

58 42.8 34.2 51.2

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#52

Toluene

Concen: 48.609 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002913.D

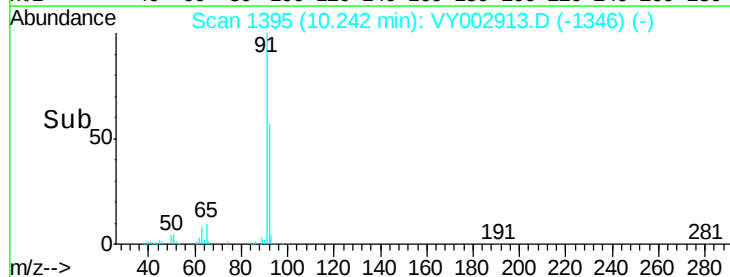
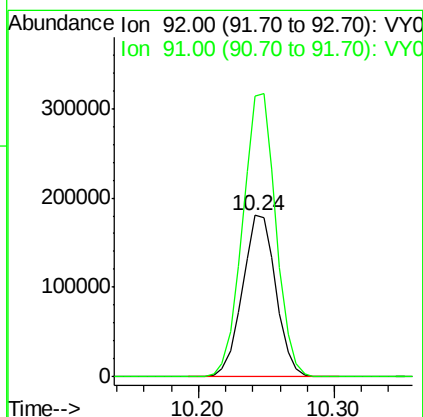
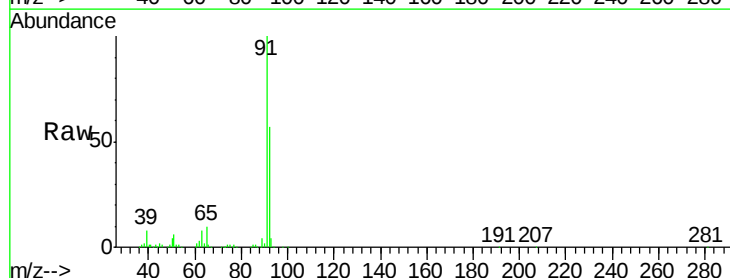
Acq: 18 Jun 2020 11:15

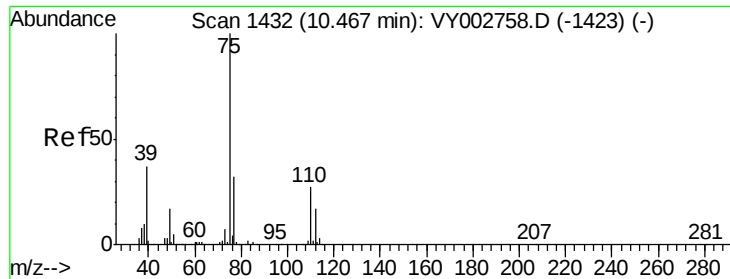
Tgt Ion: 92 Resp: 309721

Ion Ratio Lower Upper

92 100

91 174.2 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 49.858 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 178086

Ion Ratio Lower Upper

75 100

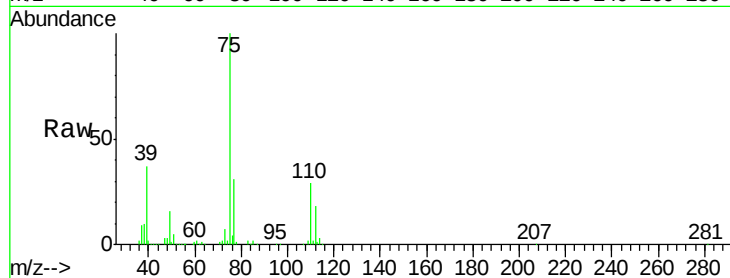
77 30.9 25.3 37.9

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

120000

100000

80000

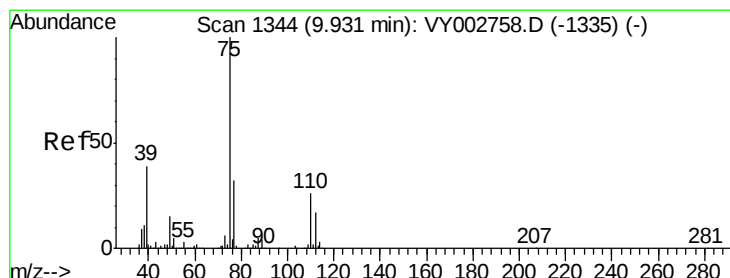
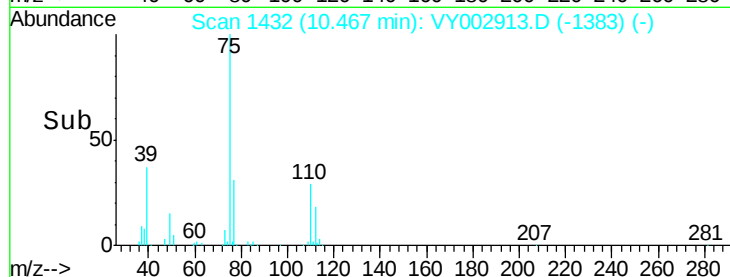
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.122 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

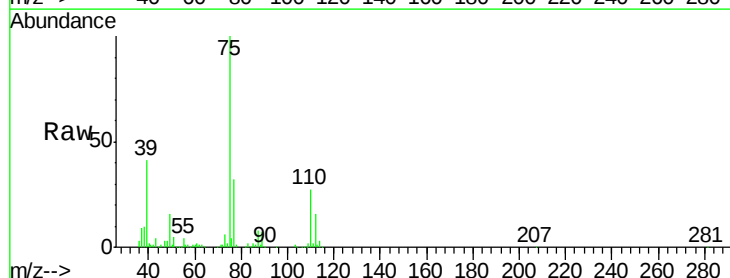
Tgt Ion: 75 Resp: 198815

Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 41.4 31.3 46.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

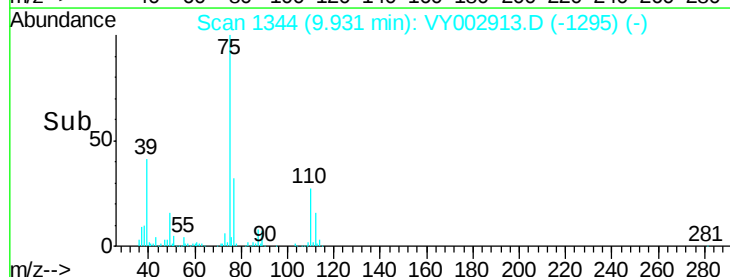
150000

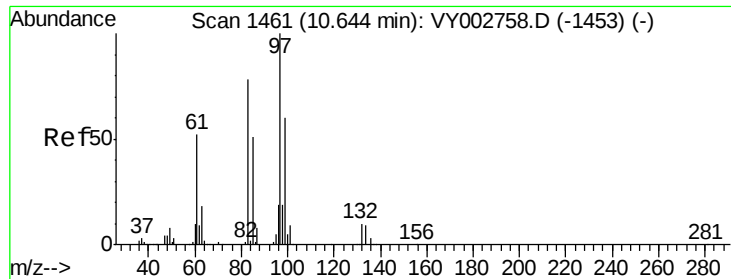
100000

50000

0

Time-->





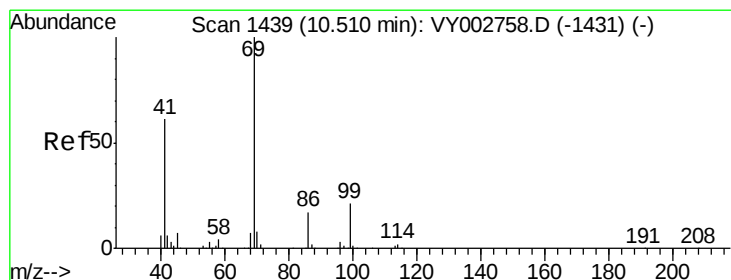
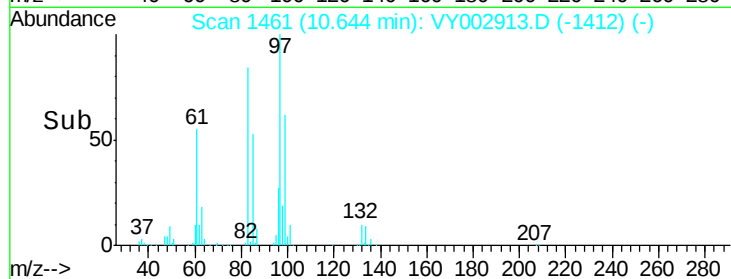
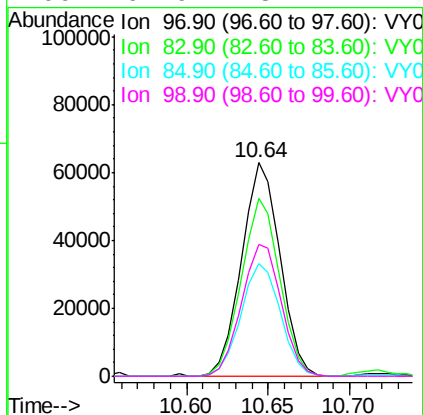
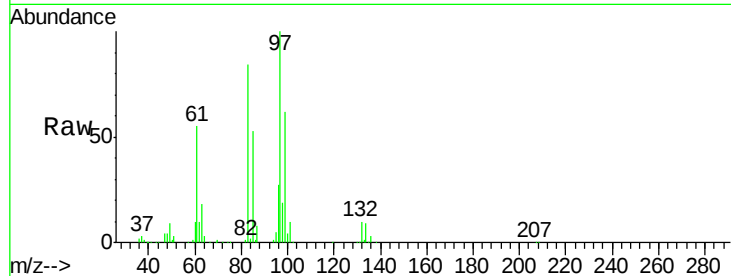
#55
 1,1,2-Trichloroethane
 Concen: 48.925 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		103903		
83	83.5	62.7	94.1		
85	52.8	40.6	60.8		
99	61.9	48.2	72.4		

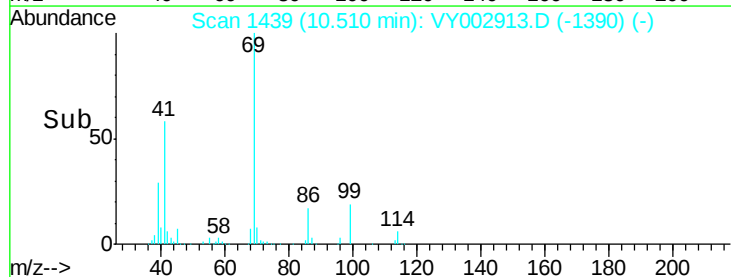
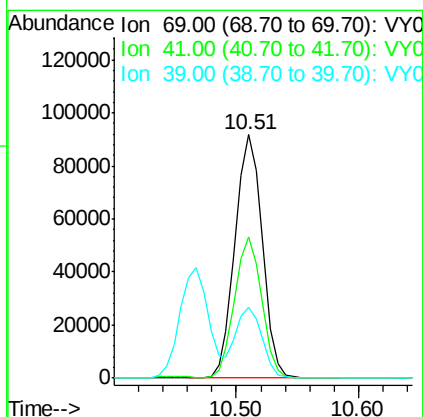
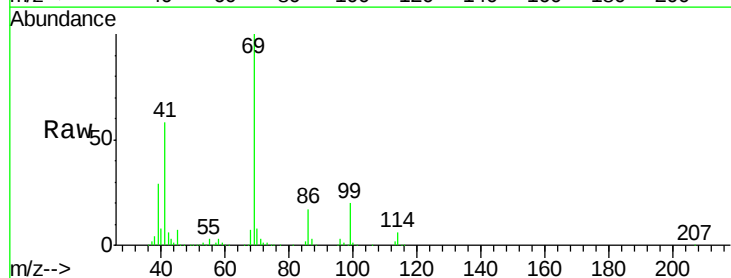
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#56
 Ethyl methacrylate
 Concen: 49.754 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		141525		
41	57.2	47.0	70.4		
39	27.8	22.0	33.0		





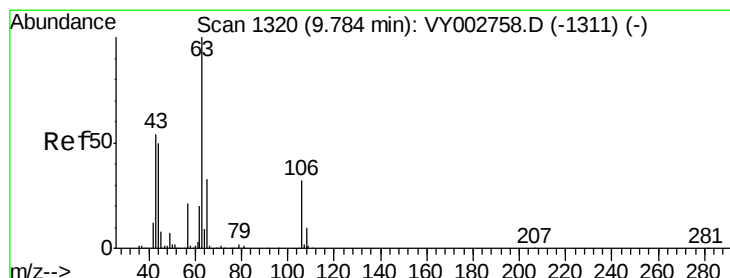
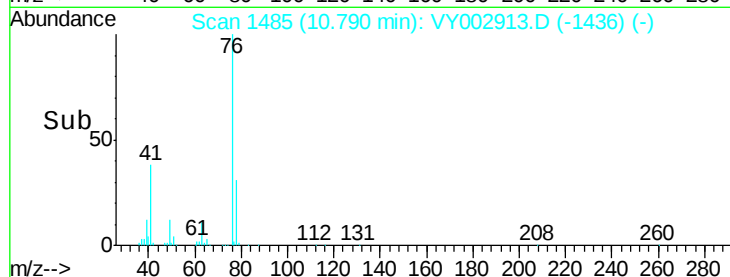
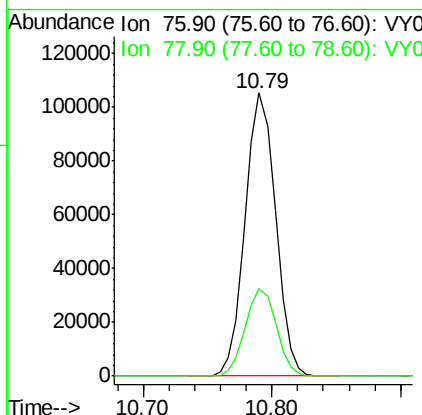
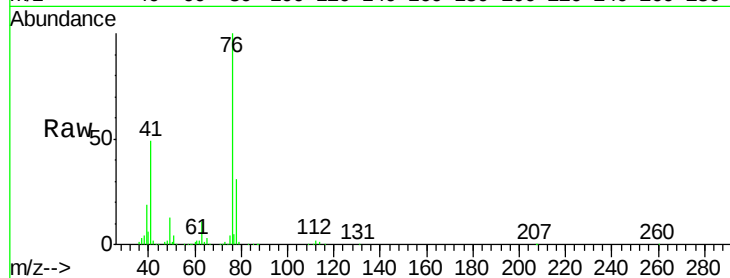
#57
 1,3-Dichloropropane
 Concen: 49.264 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 172079
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.1 39.1

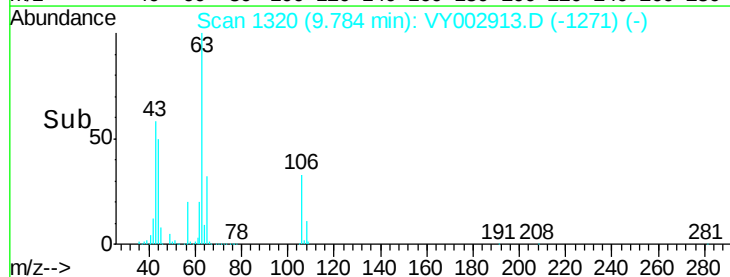
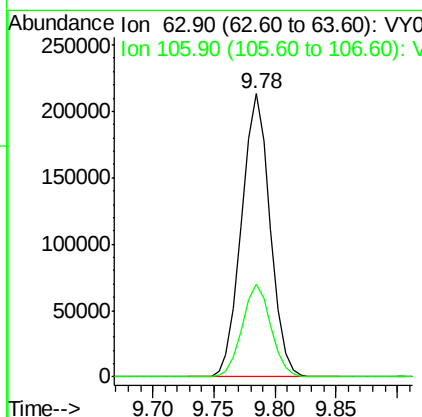
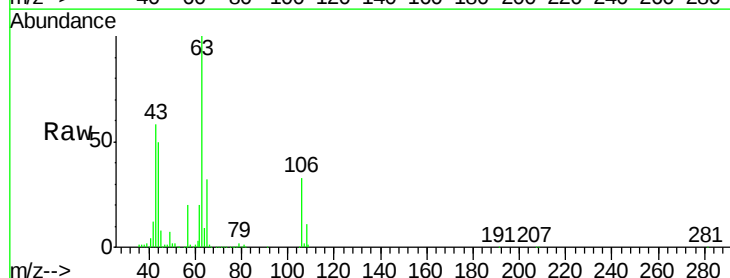
Manual Integrations
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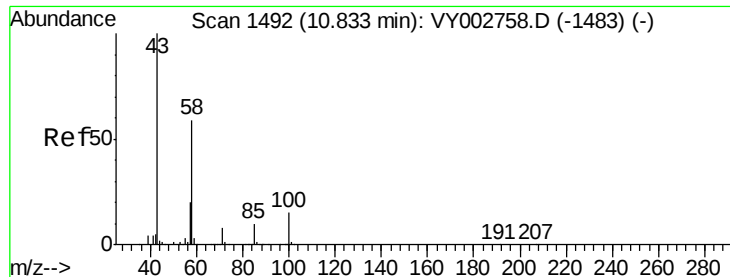
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#58
 2-Chloroethyl Vinyl ether
 Concen: 248.462 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion: 63 Resp: 345339
 Ion Ratio Lower Upper
 63 100
 106 32.9 25.4 38.2





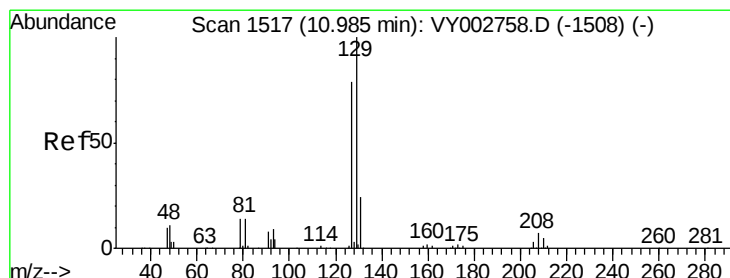
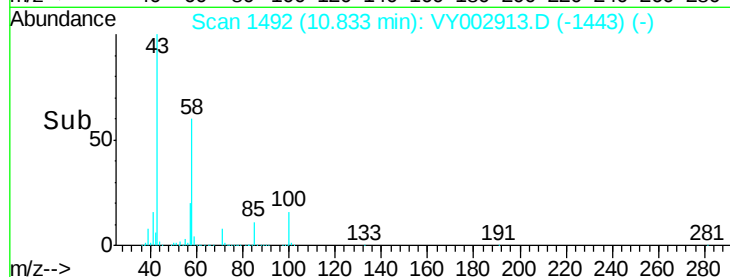
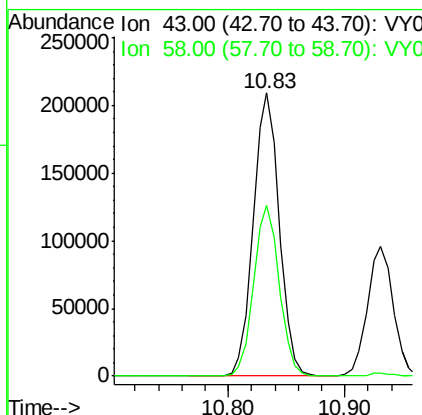
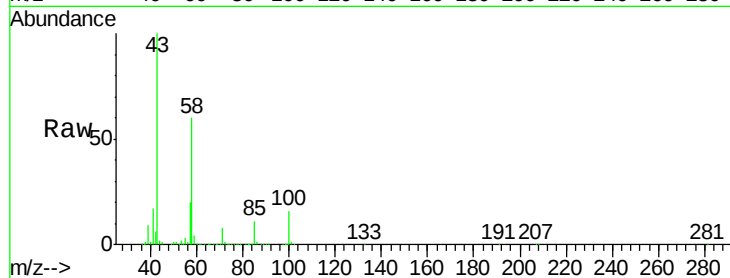
#59
2-Hexanone
Concen: 255.091 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 325722
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.5

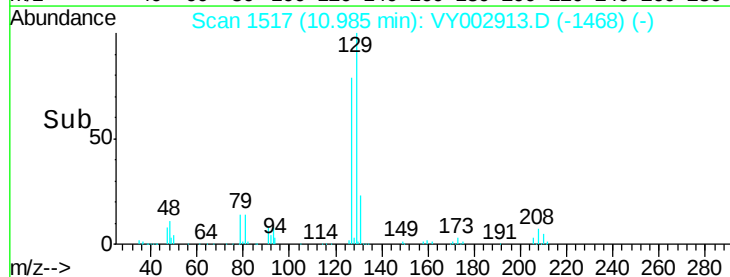
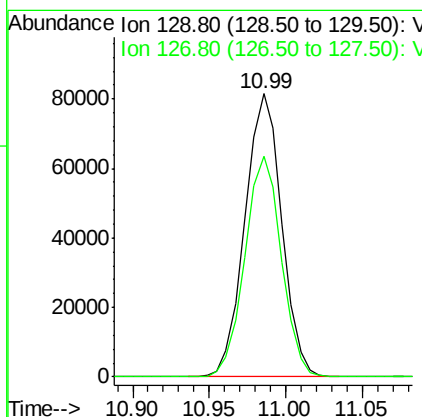
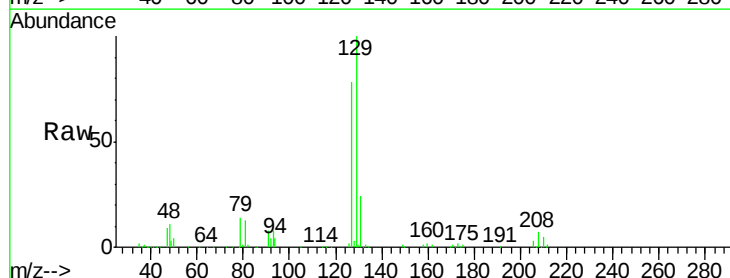
Manual Integrations
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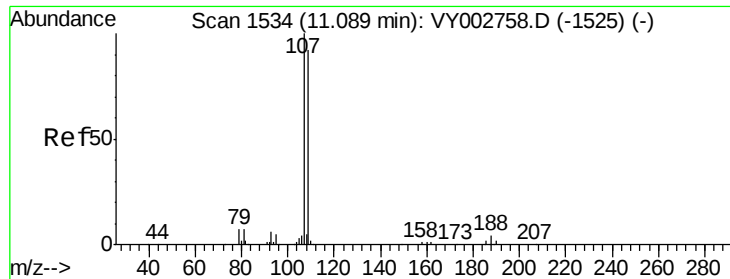
MMDadoda
6/19/2020 1:12:08 PM



#60
Dibromochloromethane
Concen: 50.557 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion: 129 Resp: 136124
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





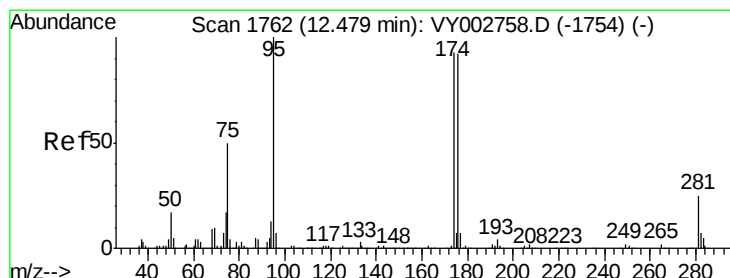
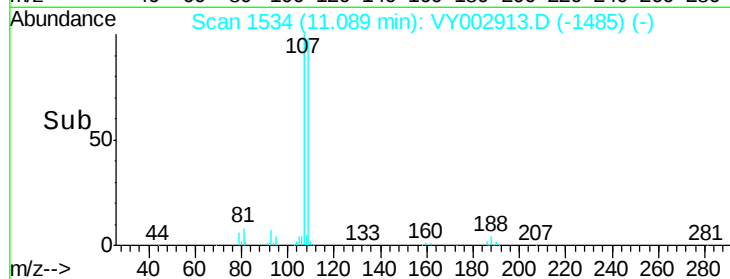
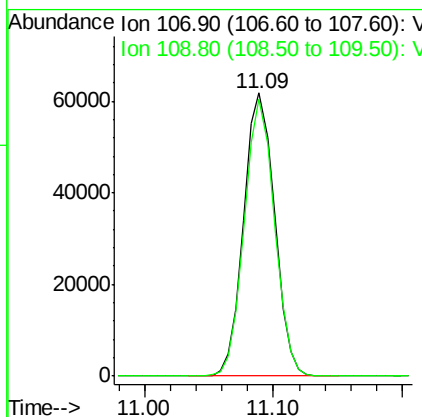
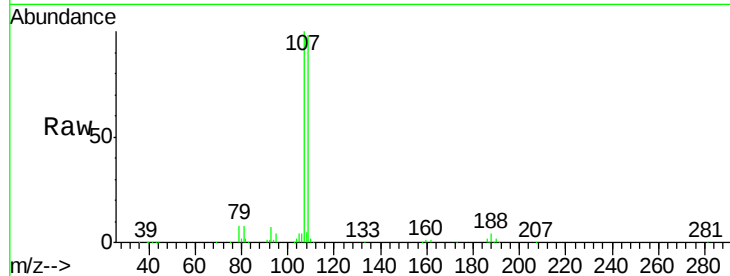
#61
 1,2-Dibromoethane
 Concen: 48.838 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.6	113.4

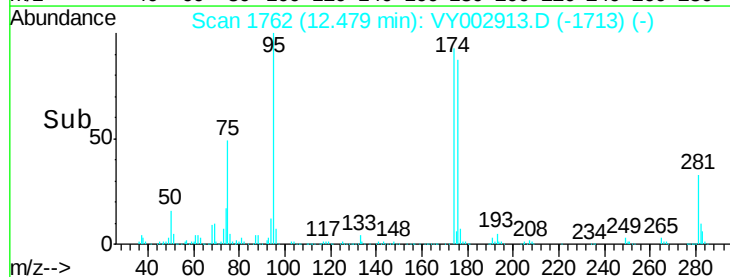
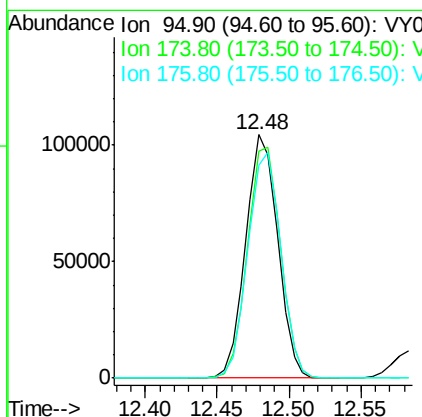
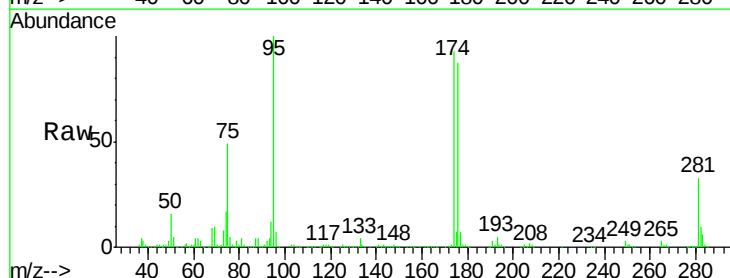
Manual Integrations
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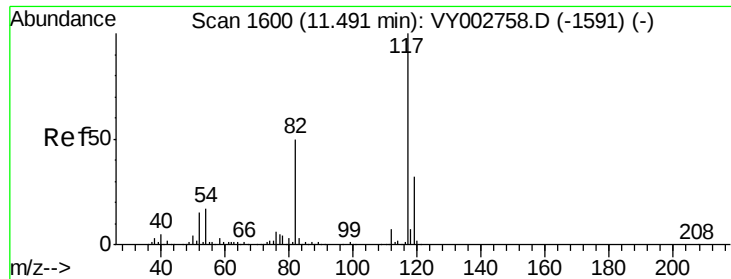
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 6/19/2020 1:12:08 PM



#62
 4-Bromofluorobenzene
 Concen: 50.757 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	191.2
176	94.8	0.0	188.8





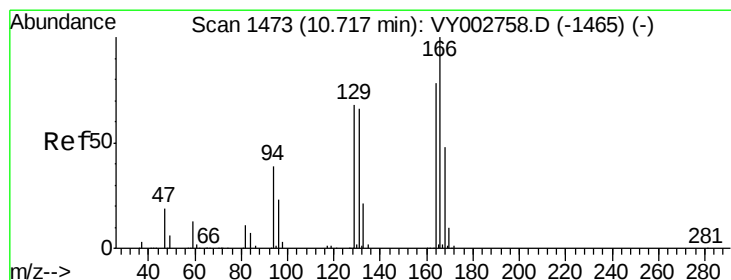
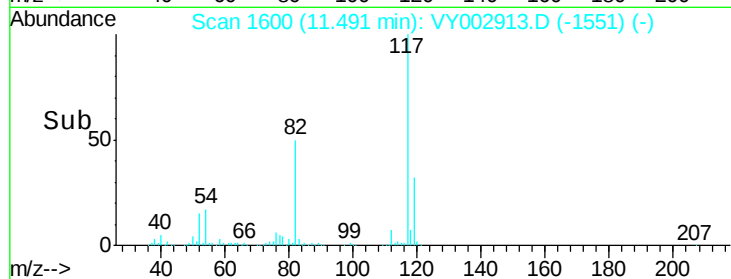
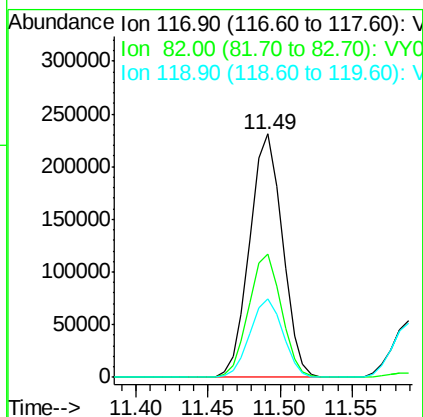
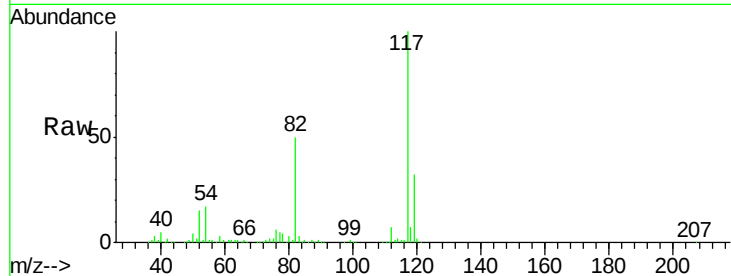
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.4	40.2	60.4
119	32.3	25.8	38.8

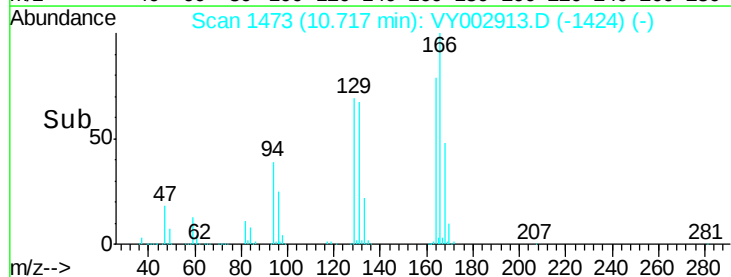
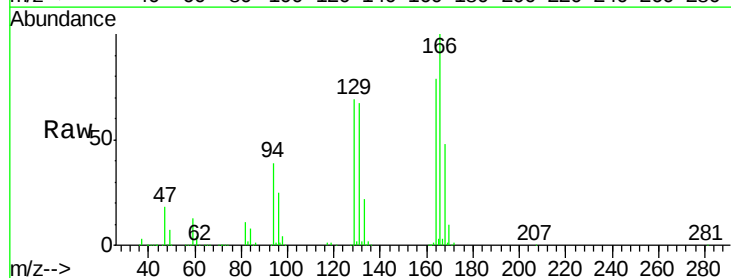
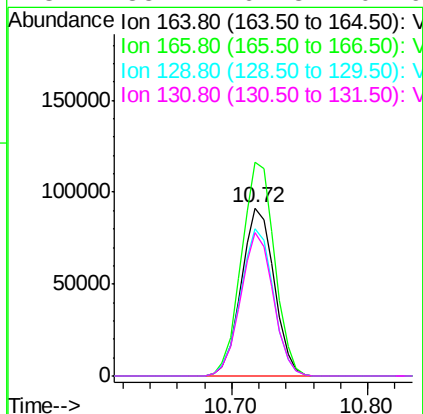
Manual Integrations
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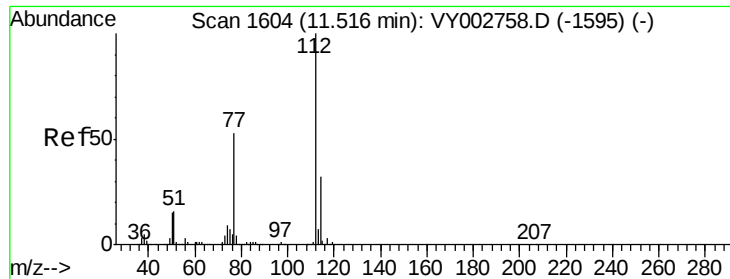
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#64
Tetrachloroethene
Concen: 46.628 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.3	153.5
129	87.6	69.4	104.2
131	85.2	67.8	101.6





#65

Chlorobenzene

Concen: 49.120 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 353395

Ion Ratio Lower Upper

112 100

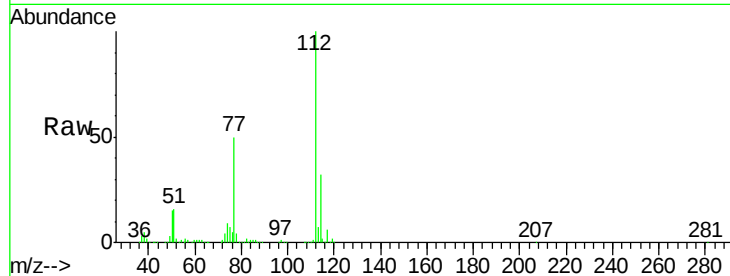
114 31.6 25.7 38.5

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

250000

200000

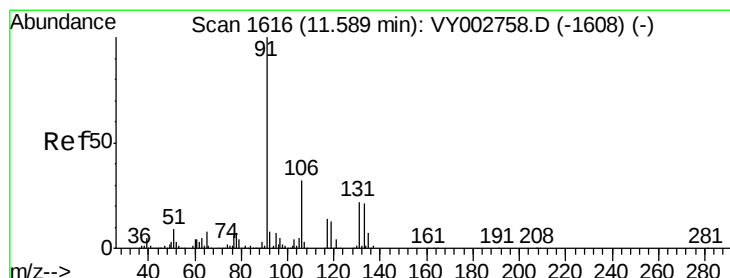
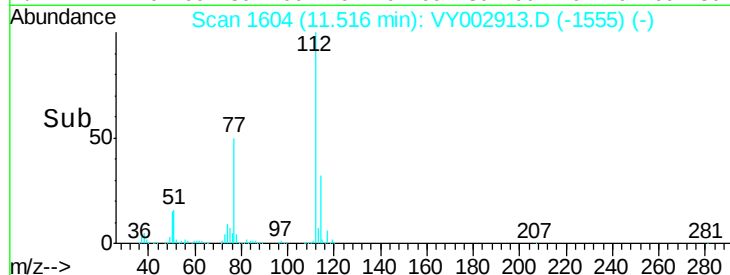
150000

100000

50000

0

Time--> 11.40 11.50 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 50.980 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

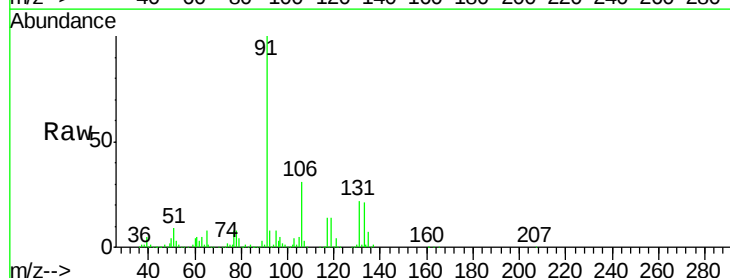
Tgt Ion:131 Resp: 138137

Ion Ratio Lower Upper

131 100

133 95.5 47.6 142.8

119 62.3 31.7 95.1



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

11.59

100000

80000

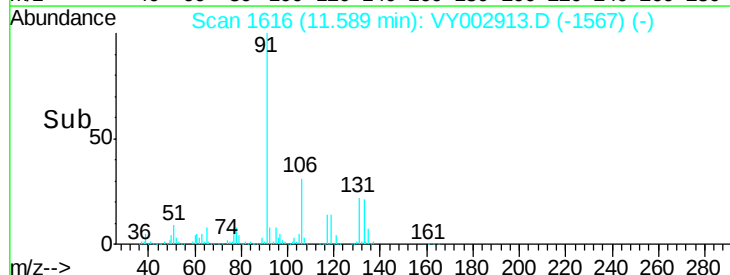
60000

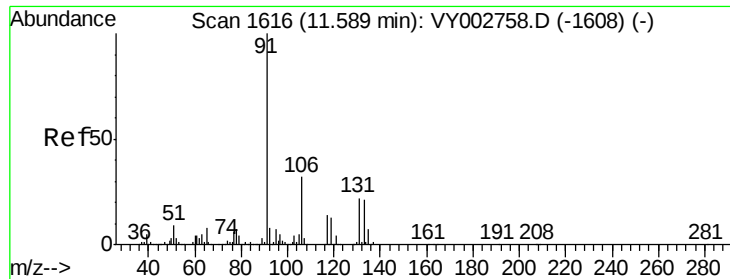
40000

20000

0

Time--> 11.50 11.55 11.60 11.65





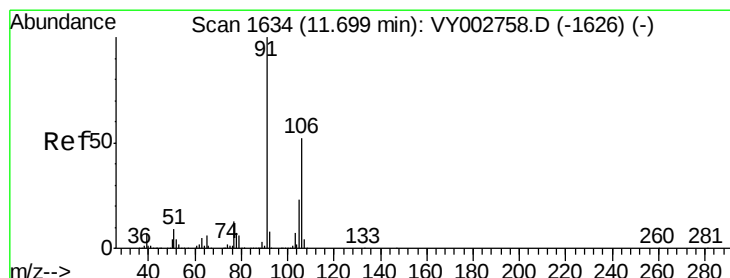
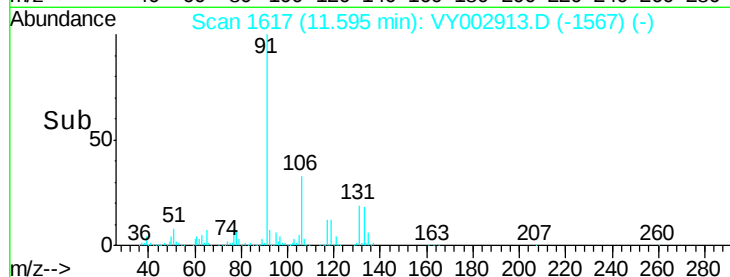
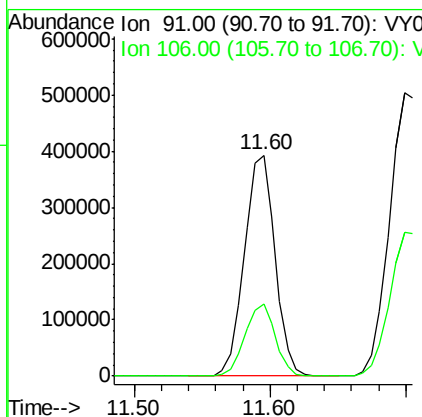
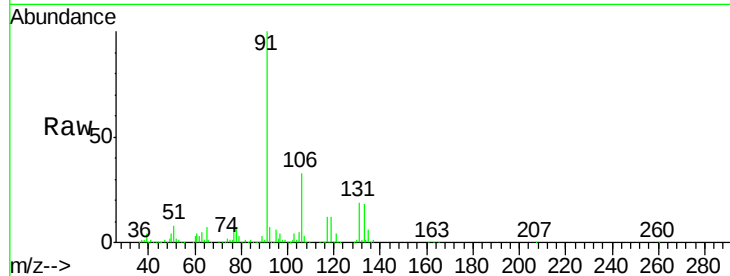
#67
Ethyl Benzene
Concen: 49.639 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 619135
Ion Ratio Lower Upper
91 100
106 32.5 25.7 38.5

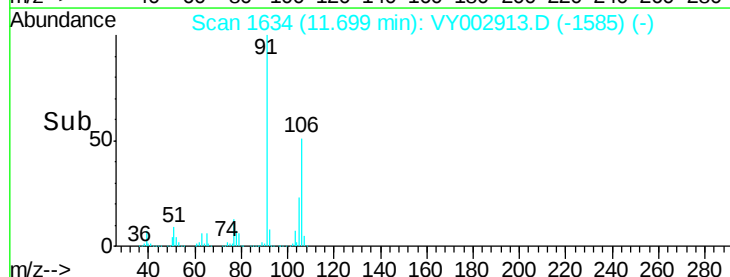
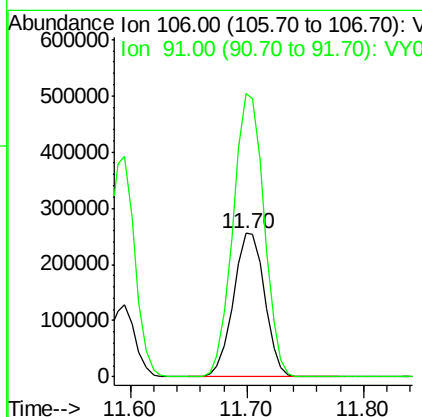
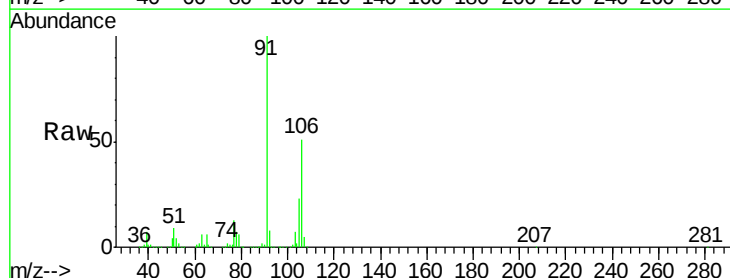
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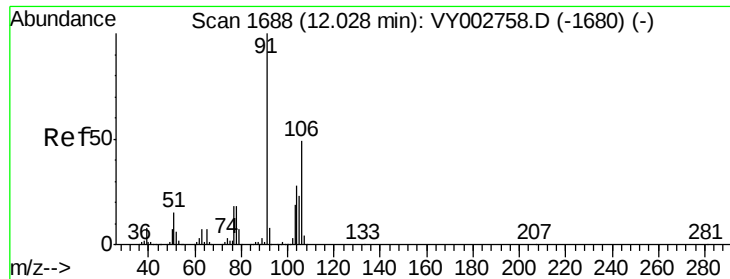
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#68
m/p-Xylenes
Concen: 99.013 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion: 106 Resp: 478816
Ion Ratio Lower Upper
106 100
91 195.5 156.0 234.0





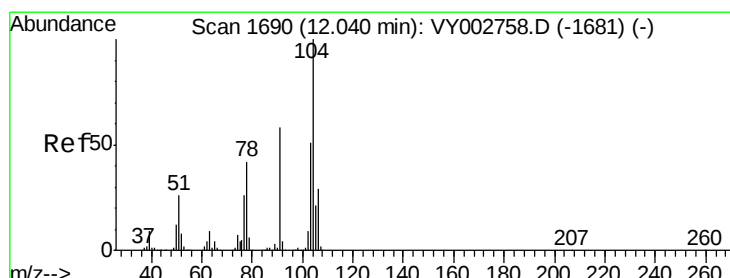
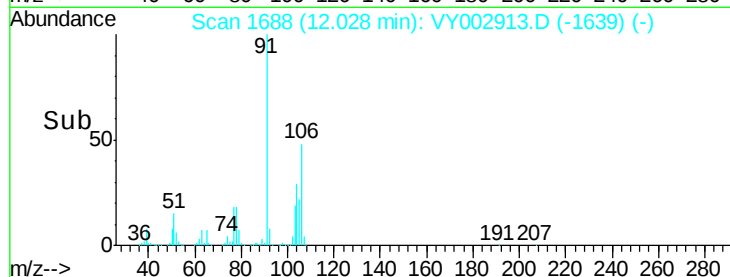
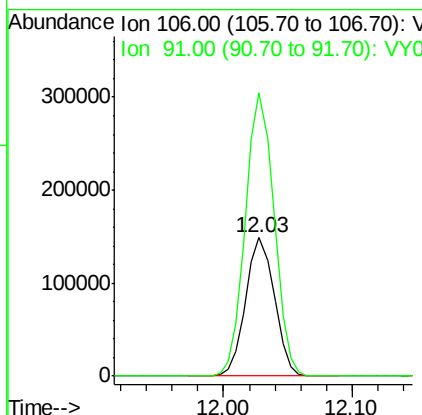
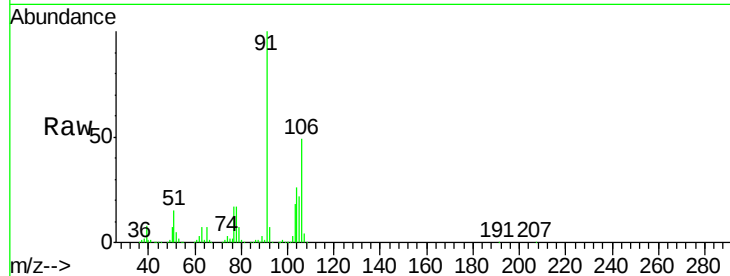
#69
o-Xylene
Concen: 50.426 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.9	102.4	307.1

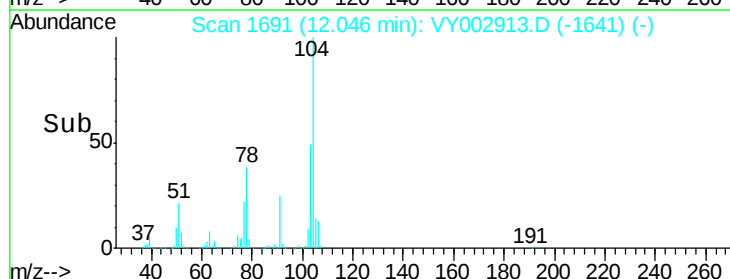
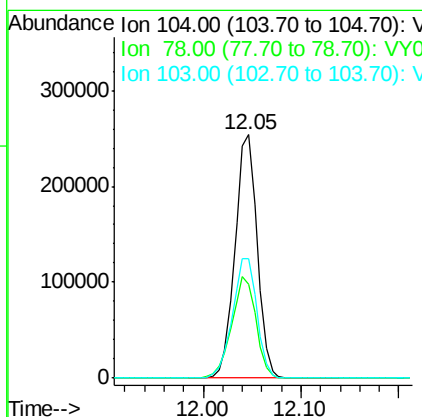
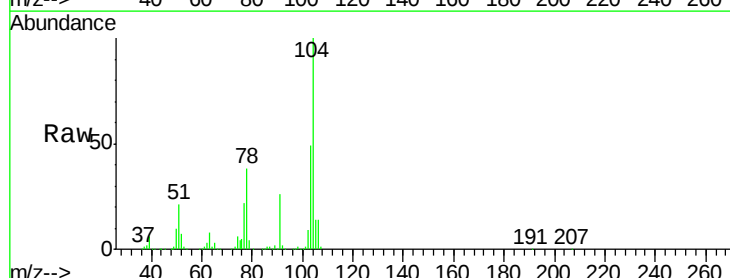
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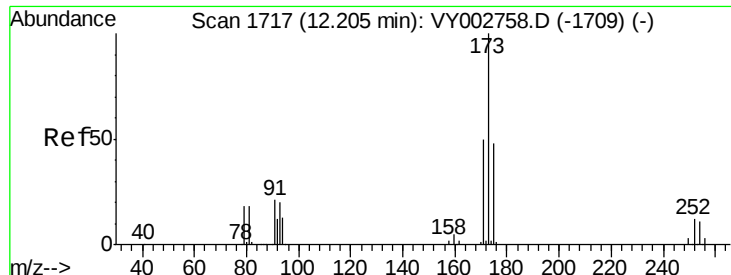
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#70
Styrene
Concen: 50.484 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.3	36.2	54.4
103	54.2	43.6	65.4





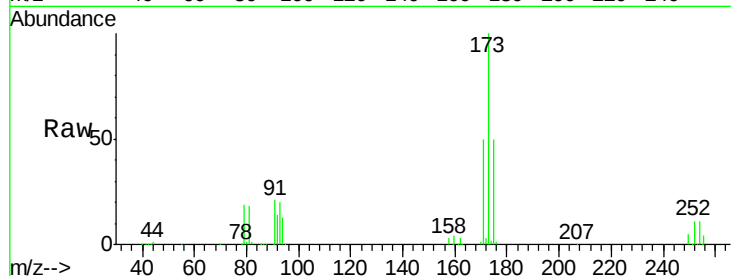
#71
Bromoform
Concen: 52.043 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

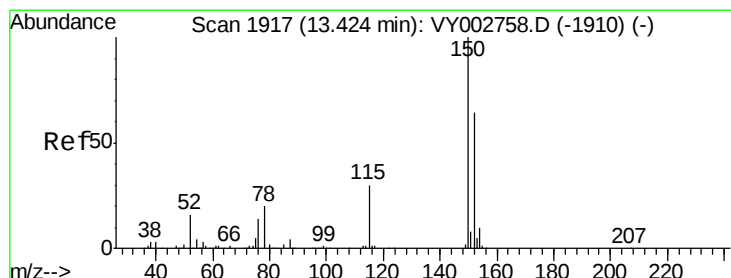
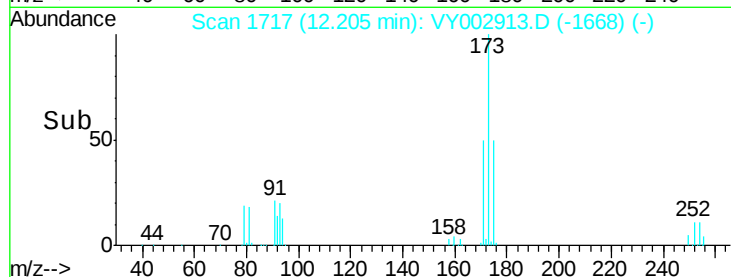
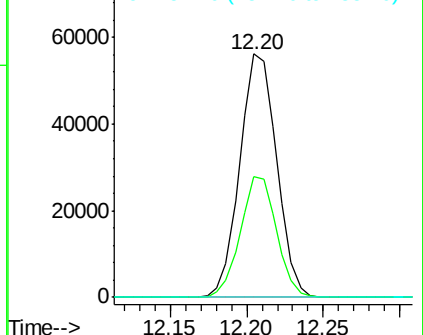
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.3	72.8
254	0.1	0.1	0.1

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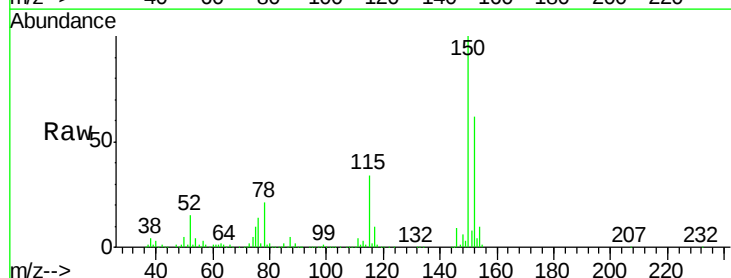


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

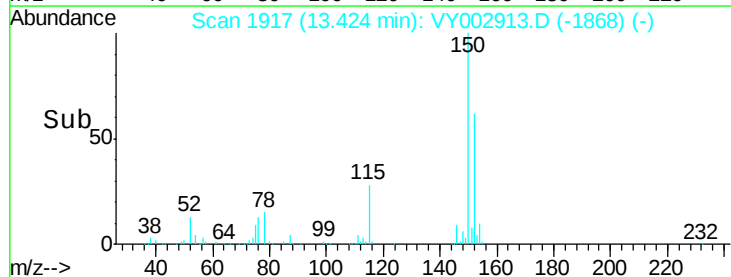
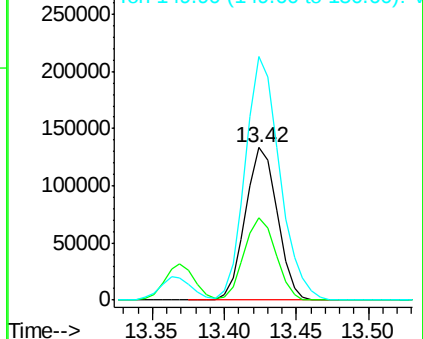


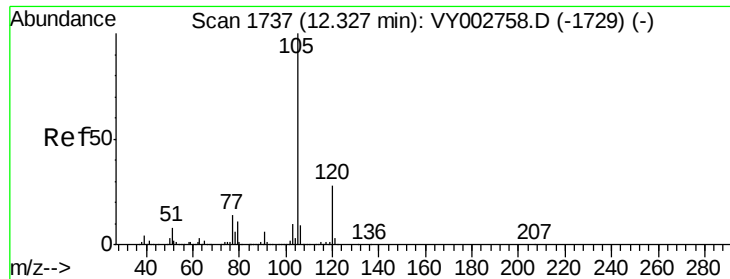
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.0	81.0
150	172.2	0.0	344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.997 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 629829

Ion Ratio Lower Upper

105 100

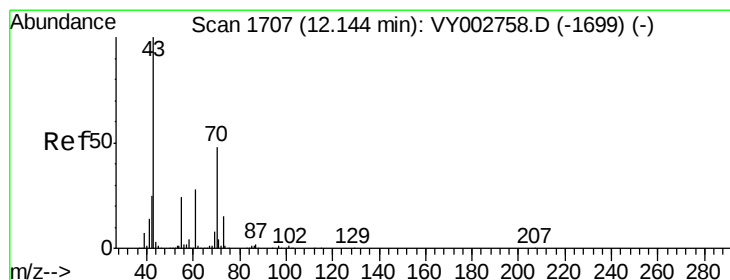
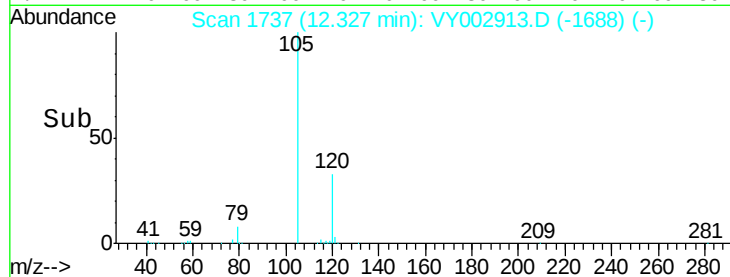
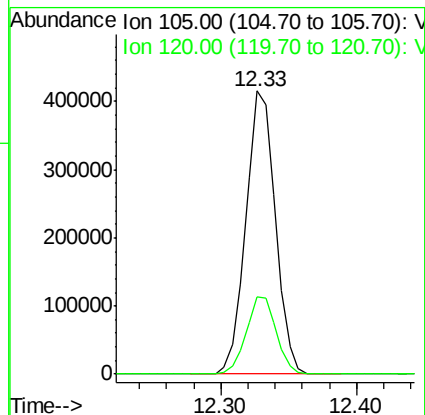
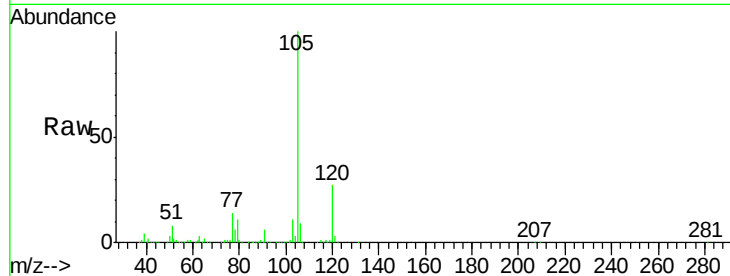
120 27.8 13.7 41.1

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#74

N-ethyl acetate

Concen: 47.372 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Tgt Ion: 43 Resp: 159499

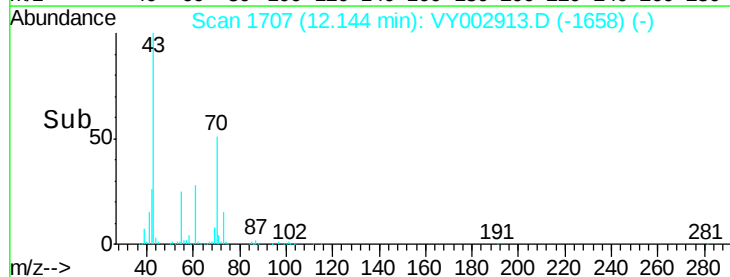
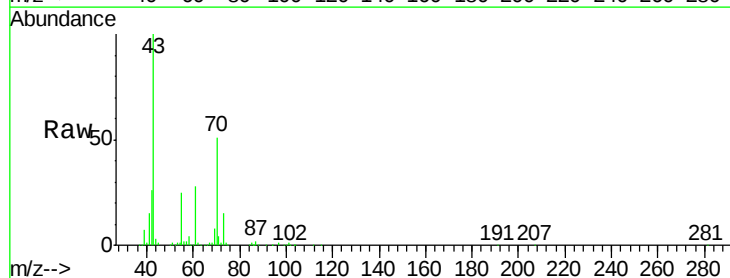
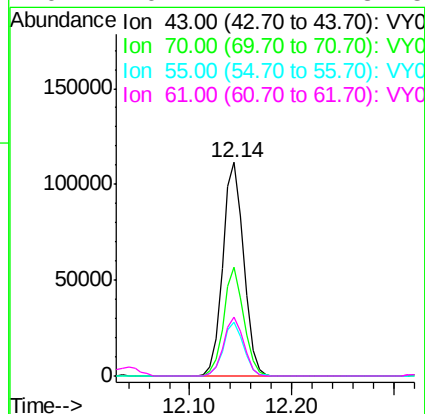
Ion Ratio Lower Upper

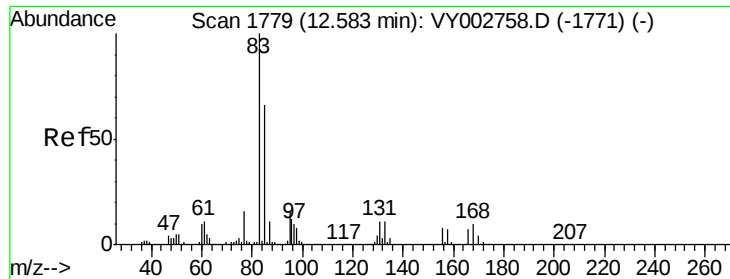
43 100

70 48.6 37.7 56.5

55 24.9 19.8 29.6

61 26.7 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.183 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

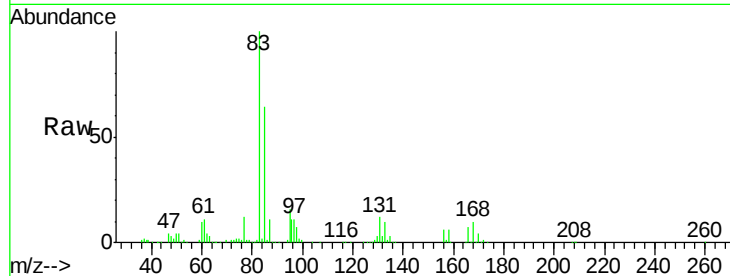
ClientSampleId :

VSTDCCC050

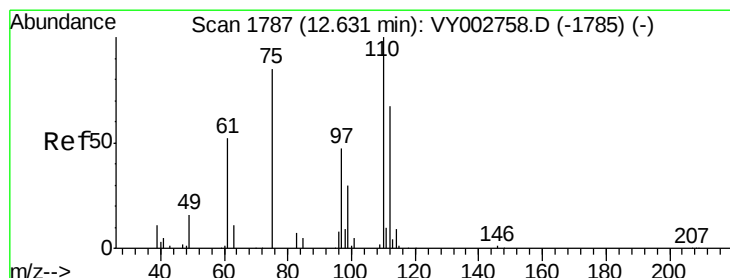
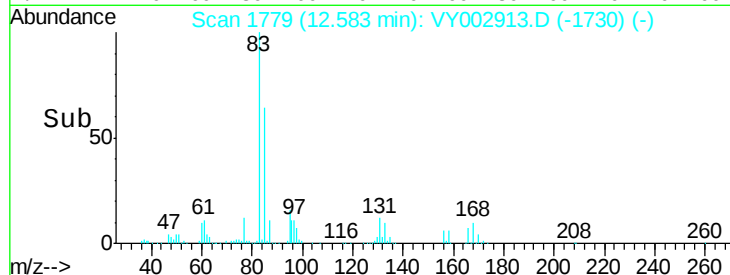
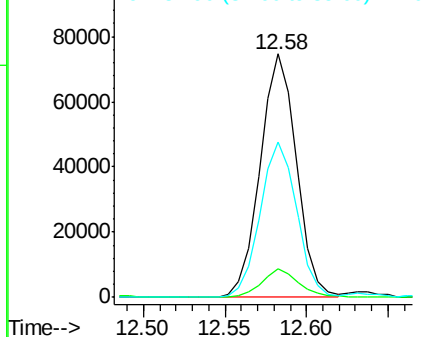
Tot Ion:	83	Resp:	11541
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.8	17.4
85	64.2	32.6	98.0

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Abundance Ion 82.90 (82.60 to 83.60): VY002913.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 49.214 ug/l m

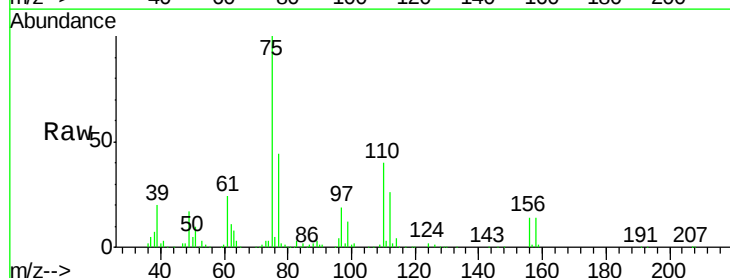
RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

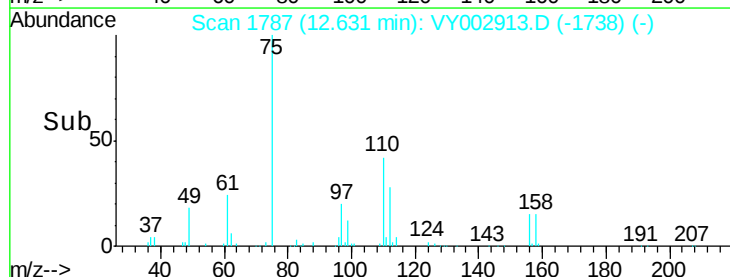
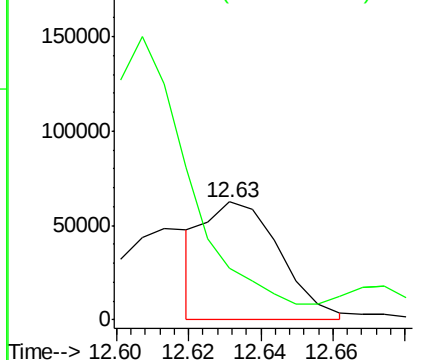
Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Tgt Ion:	75	Resp:	90804
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002913.D (-1738) (-)





#77

Bromobenzene

Concen: 48.043 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

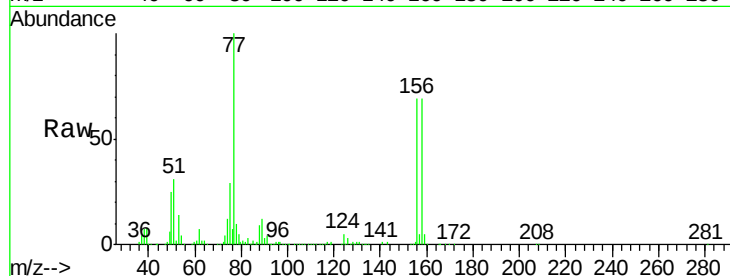
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	164157
Ion Ratio	Lower	Upper	
156	100		
77	160.3	81.4	244.2
158	96.0	48.5	145.6

Manual Integrations
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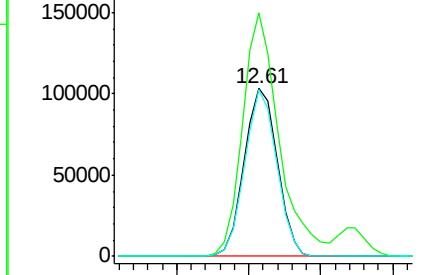
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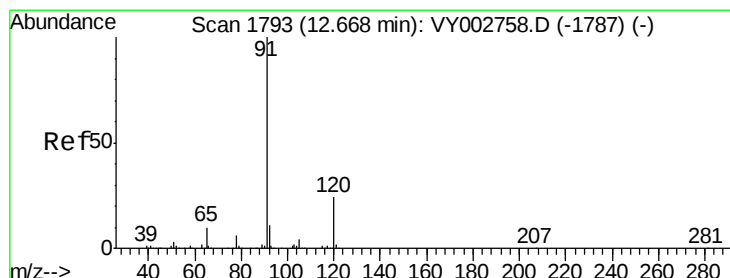
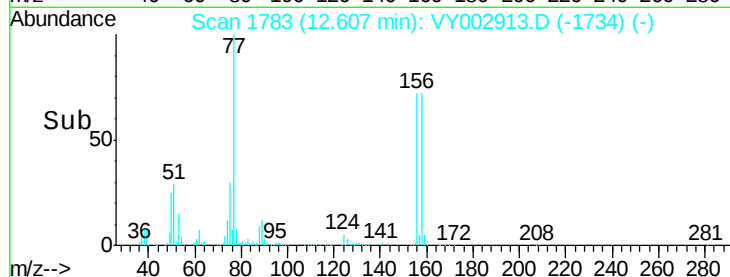
Abundance Ion 155.80 (155.50 to 156.50): VY002913.D (-1774) (-)

Ion 77.00 (76.70 to 77.70): VY002913.D (-1774) (-)

Ion 157.80 (157.50 to 158.50): VY002913.D (-1774) (-)



Time-->



#78

n-propylbenzene

Concen: 48.407 ug/l

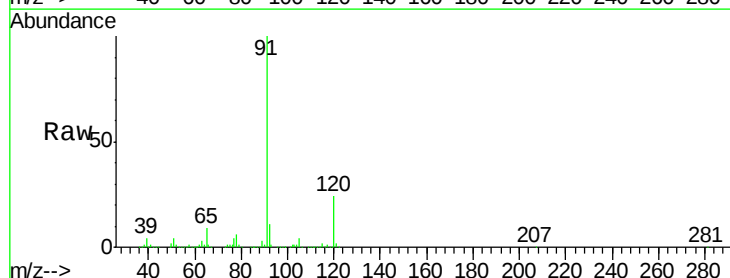
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002913.D

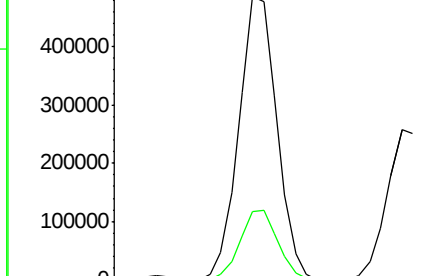
Acq: 18 Jun 2020 11:15

Tgt Ion:	91	Resp:	733751
Ion Ratio	Lower	Upper	
91	100		
120	24.6	12.3	36.9

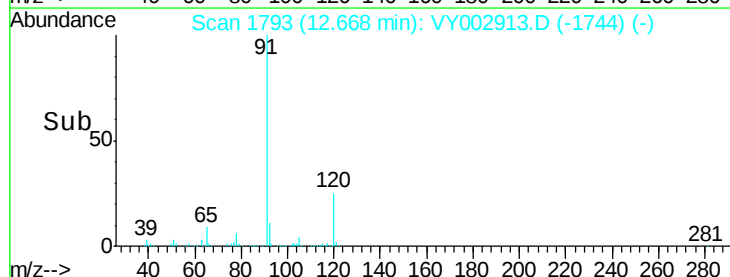


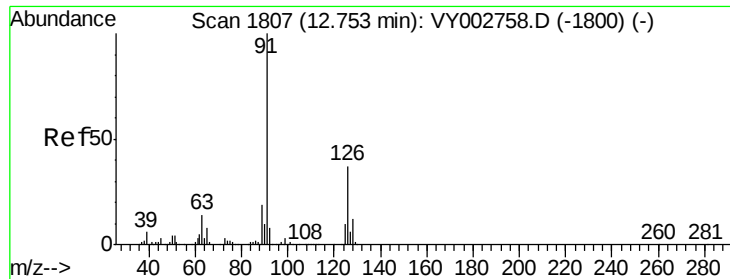
Abundance Ion 91.00 (90.70 to 91.70): VY002913.D (-1744) (-)

Ion 120.00 (119.70 to 120.70): VY002913.D (-1744) (-)



Time-->





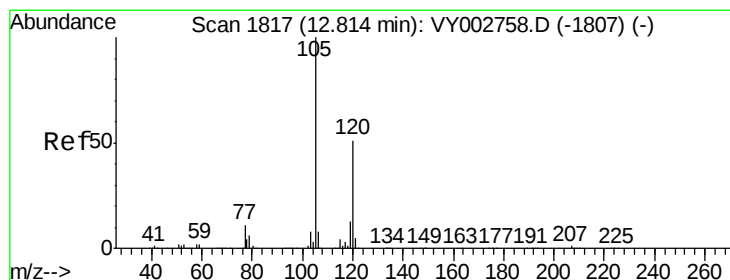
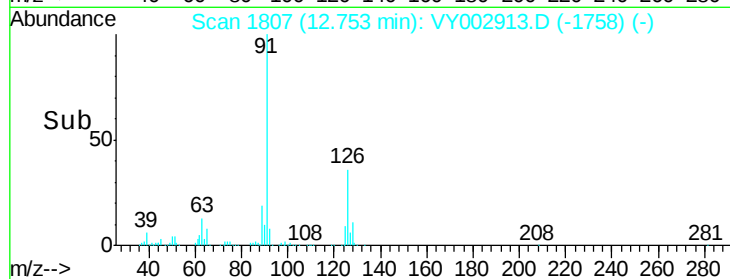
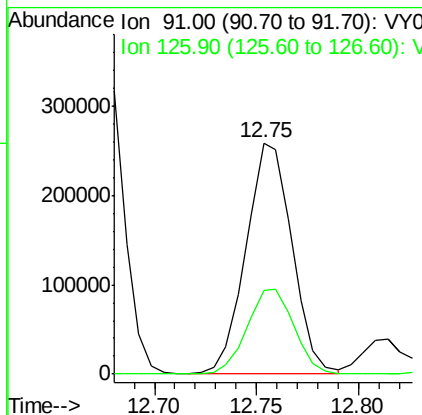
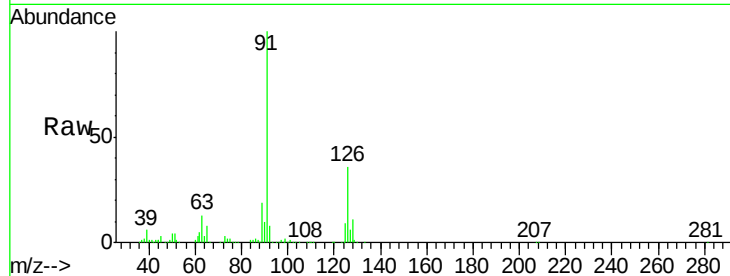
#79
 2-Chlorotoluene
 Concen: 47.770 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 406177
 Ion Ratio Lower Upper
 91 100
 126 37.6 18.4 55.4

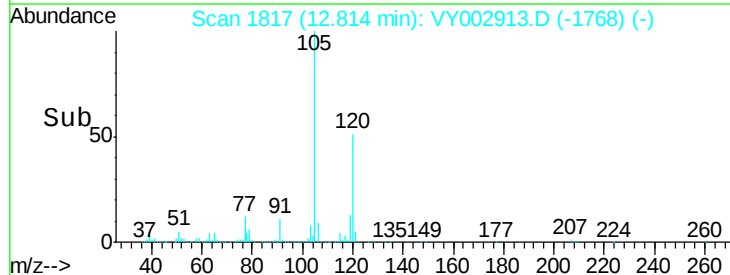
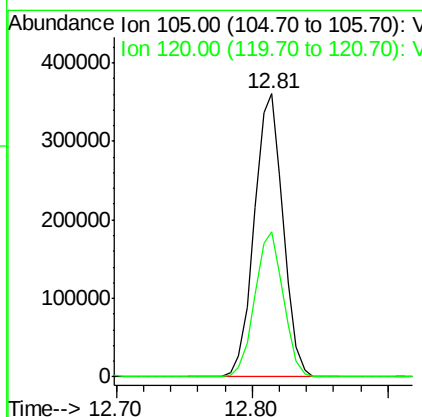
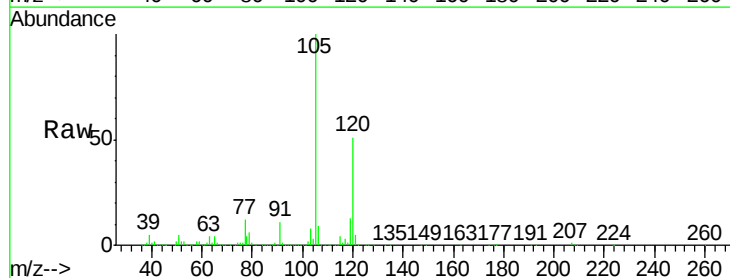
Manual Integrations
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 6/19/2020 1:12:08 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 48.805 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion: 105 Resp: 534733
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.977 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

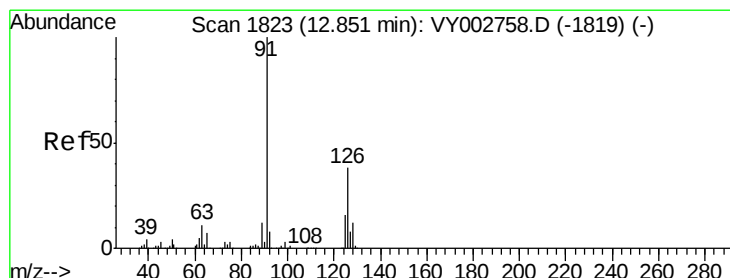
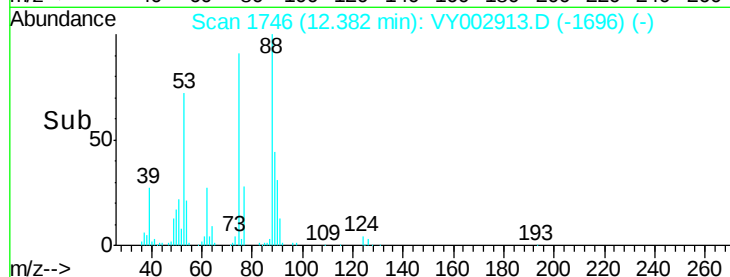
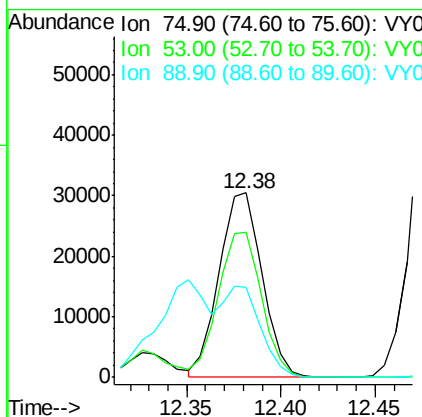
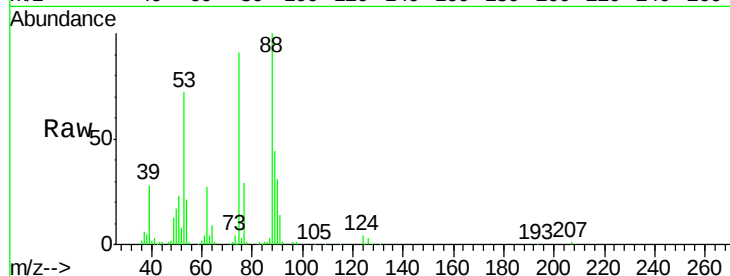
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	47965
Ion Ratio	Lower	Upper	
75	100		
53	79.2	64.0	96.0
89	0.0	37.4	56.2#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.127 ug/l

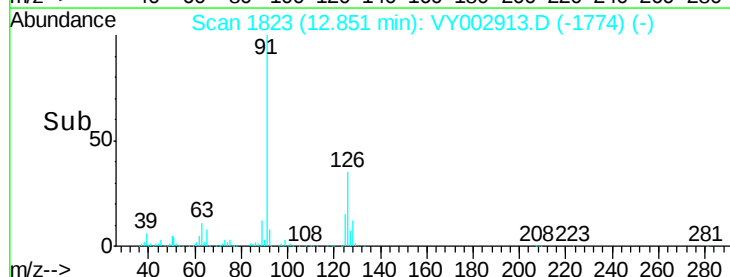
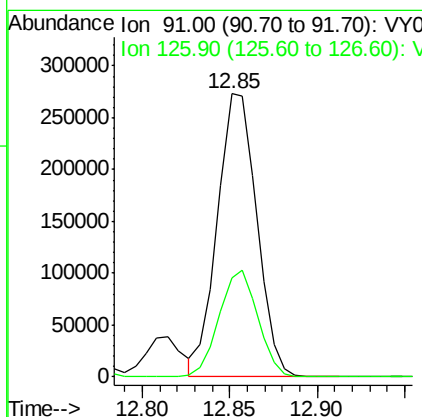
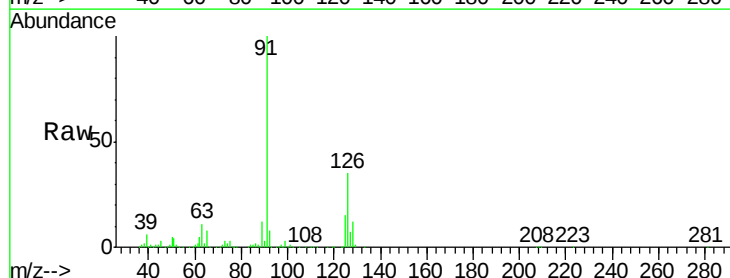
RT: 12.85 min Scan# 1823

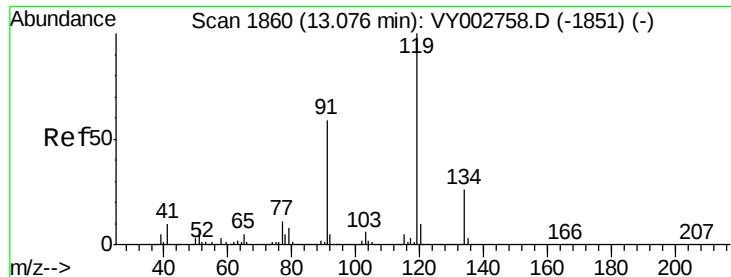
Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Tgt Ion:	91	Resp:	428736
Ion Ratio	Lower	Upper	
91	100		
126	37.0	18.5	55.5





#83

tert-Butylbenzene

Concen: 49.020 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

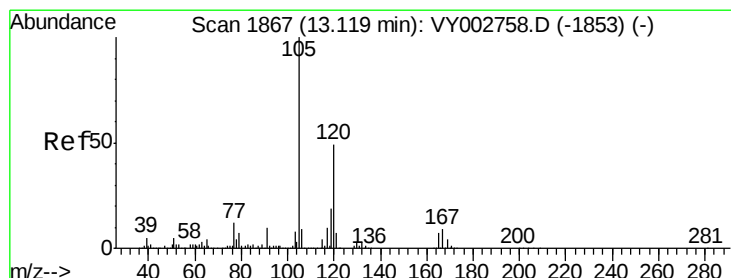
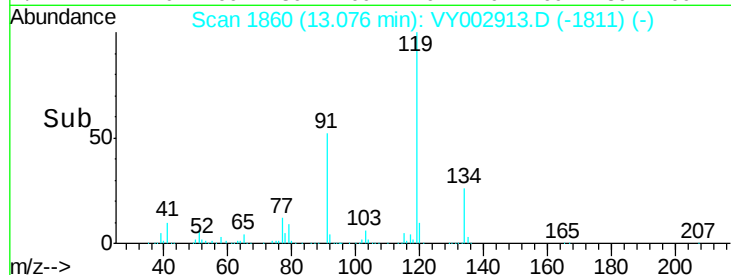
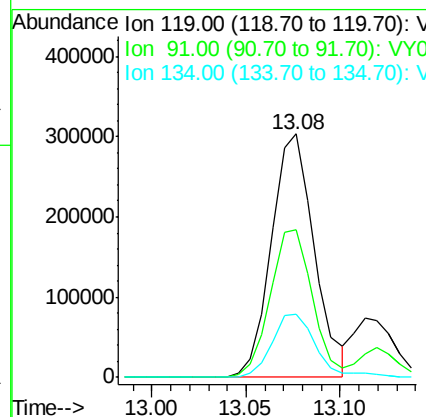
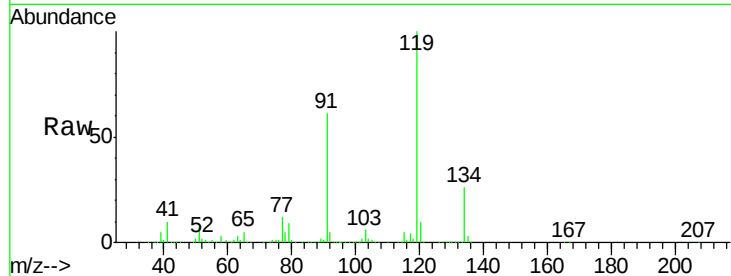
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		479090		
91	59.8	29.8	89.4		
134	26.9	13.3	39.8		

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 48.686 ug/l

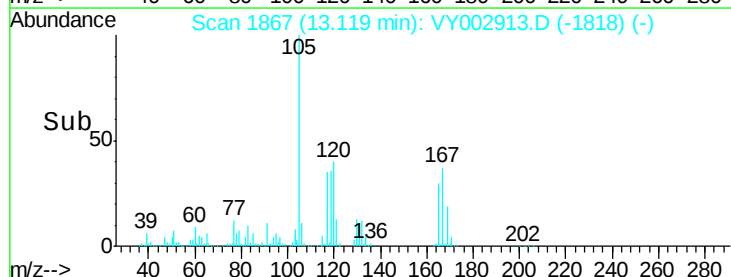
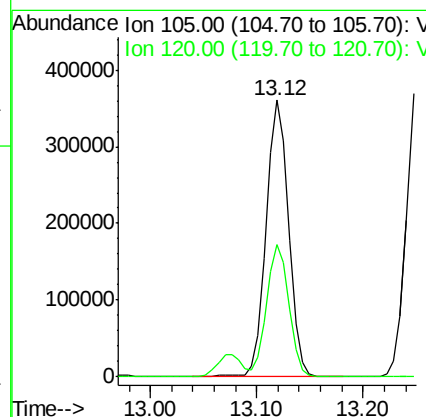
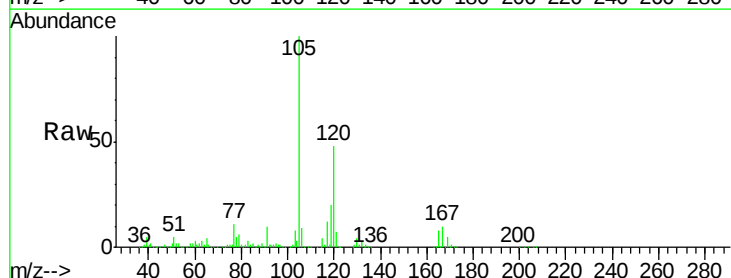
RT: 13.12 min Scan# 1867

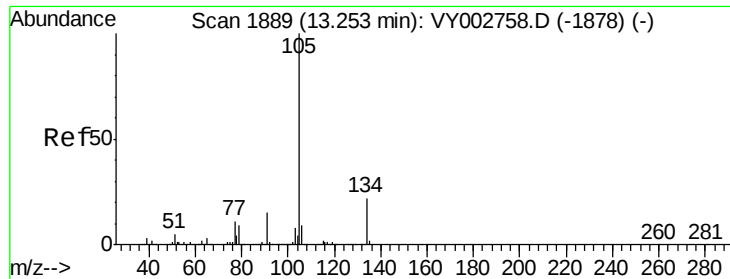
Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		536372		
120	46.9	23.6	70.8		





#85

sec-Butylbenzene

Concen: 48.772 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 651751

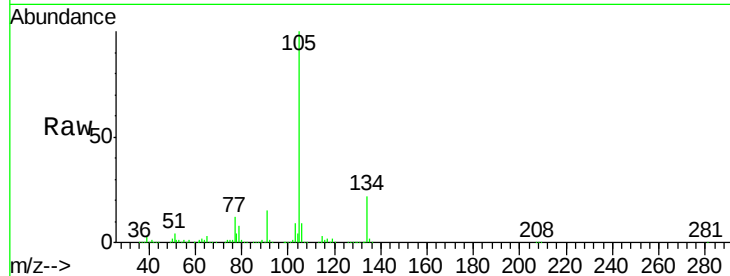
Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

400000

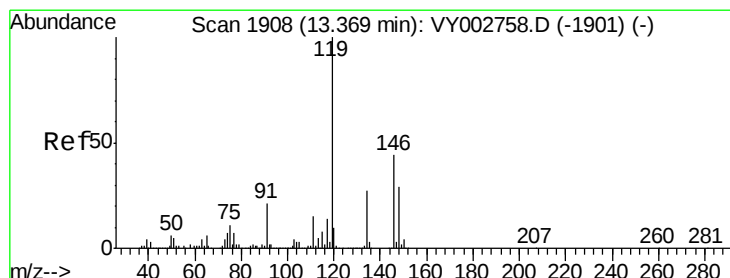
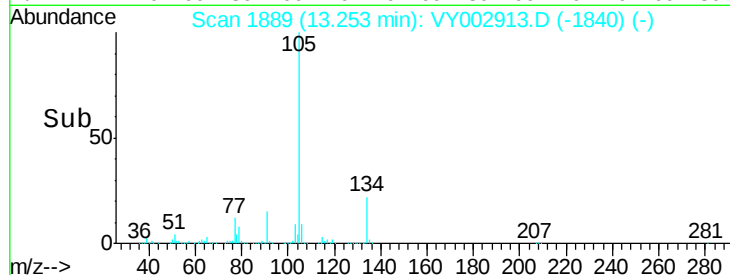
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.956 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002913.D

Acq: 18 Jun 2020 11:15

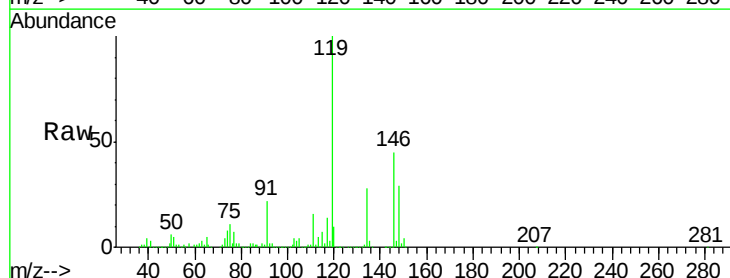
Tgt Ion:119 Resp: 621175

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

91 21.4 10.8 32.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

600000

500000

400000

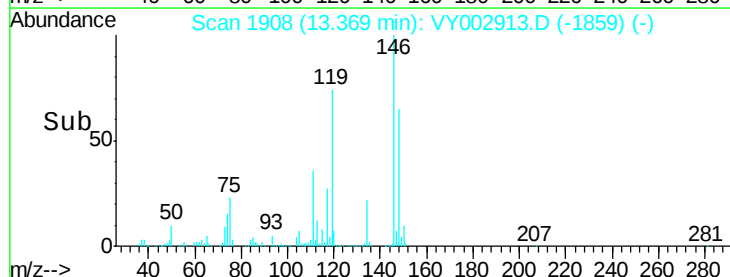
300000

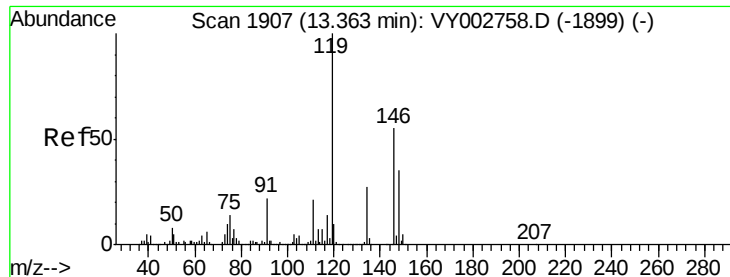
200000

100000

0

Time-->





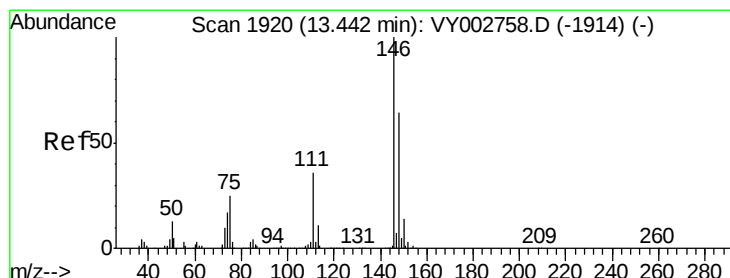
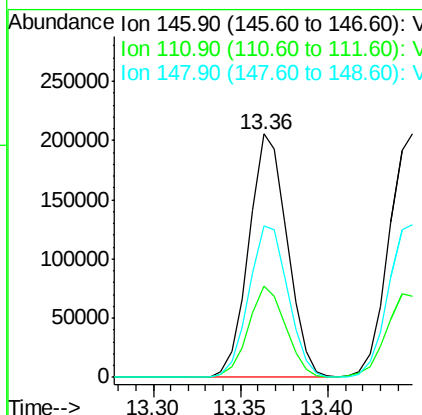
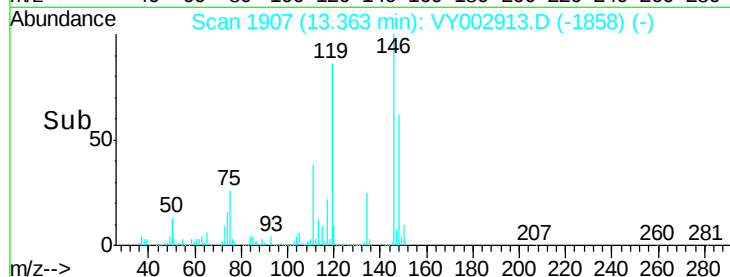
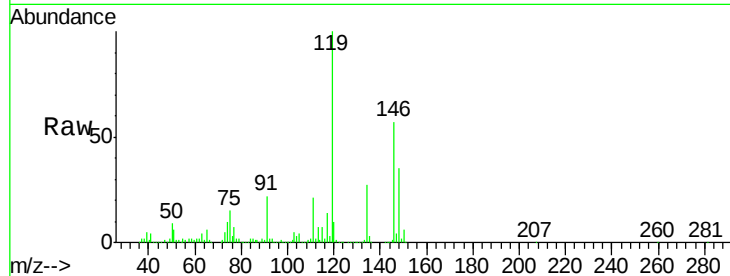
#87
 1,3-Dichlorobenzene
 Concen: 48.343 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.4	55.0
148	63.8	31.9	95.7

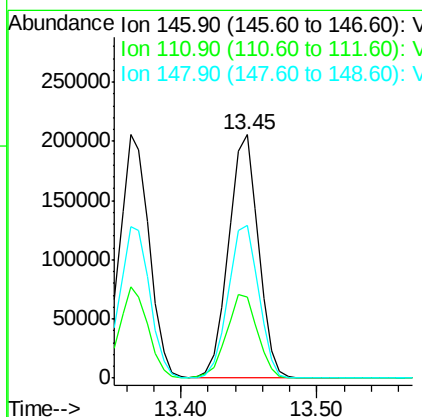
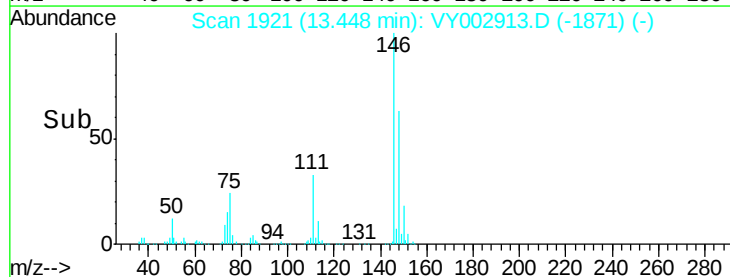
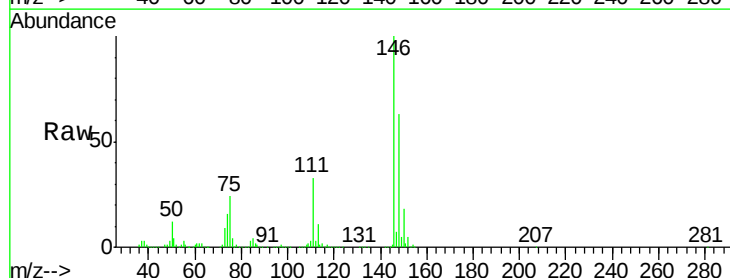
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 48.222 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.3
148	64.8	32.1	96.3





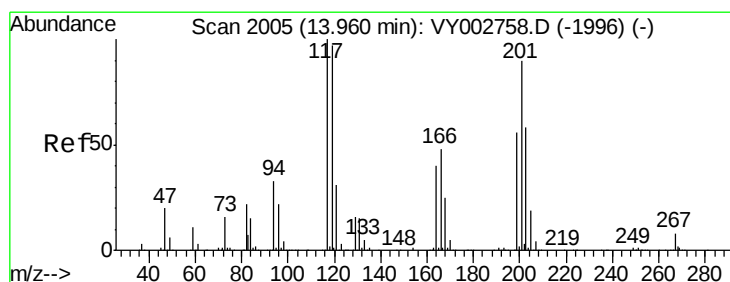
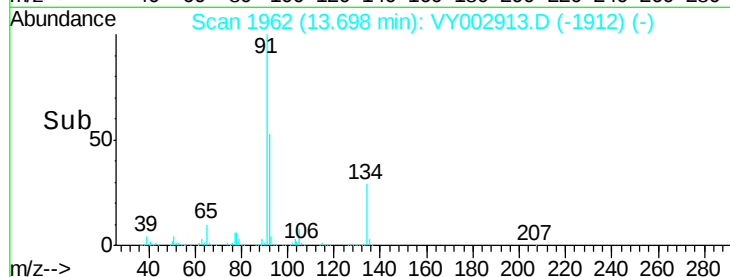
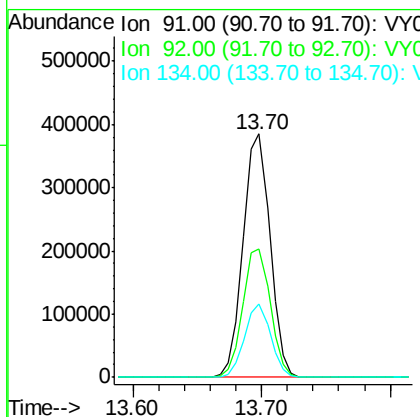
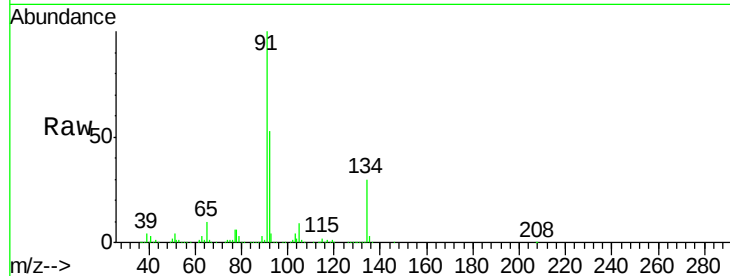
#89
n-Butylbenzene
Concen: 49.180 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.1	81.2
134	29.2	14.3	42.9

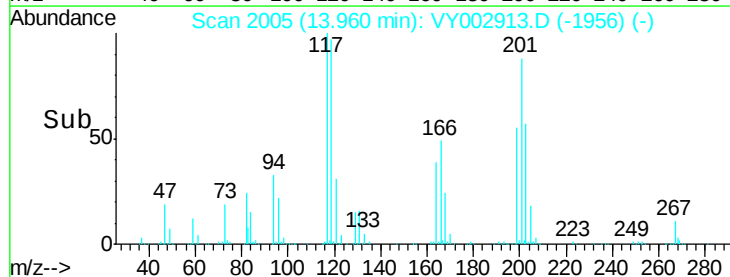
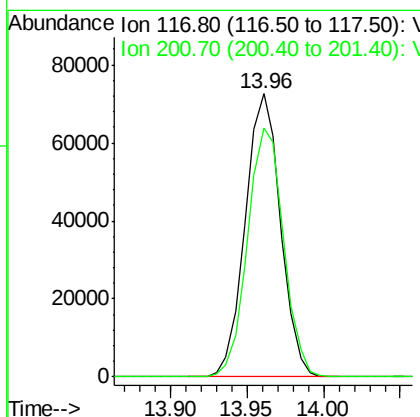
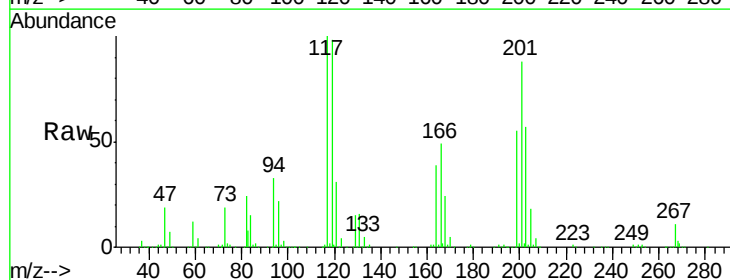
Manual Integrations
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#90
Hexachloroethane
Concen: 49.896 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.7	43.9	131.6





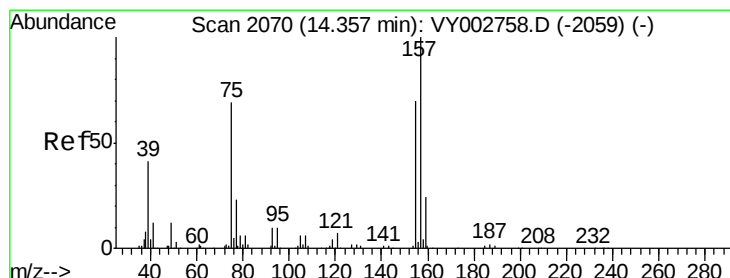
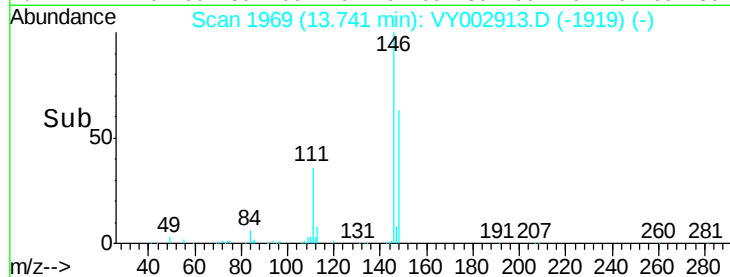
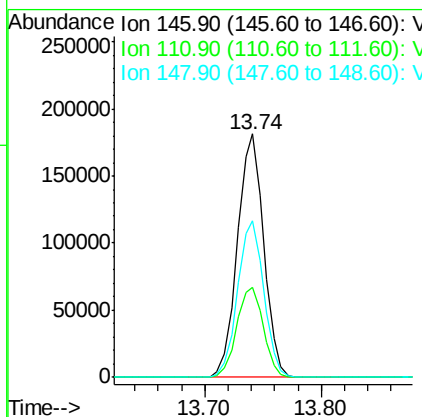
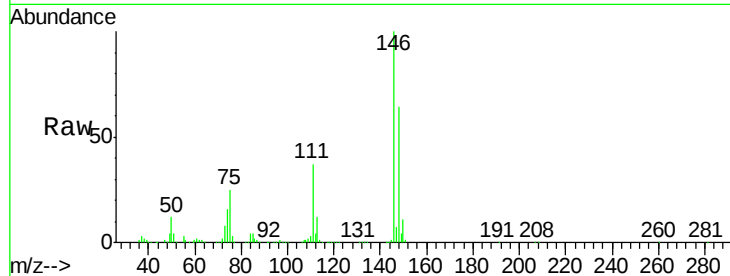
#91
 1,2-Dichlorobenzene
 Concen: 48.490 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	284618		
111	37.5	18.9	56.9	
148	64.4	31.9	95.5	

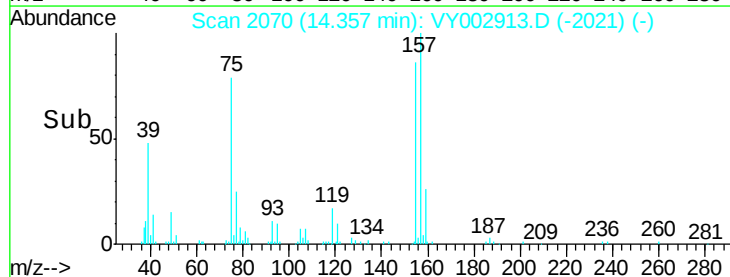
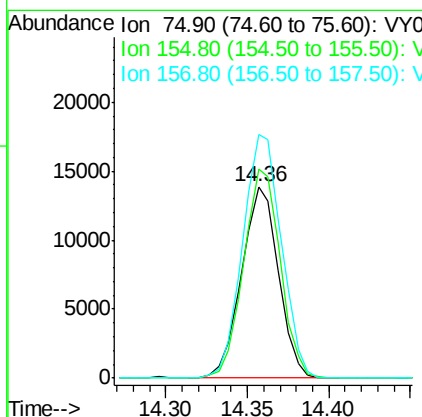
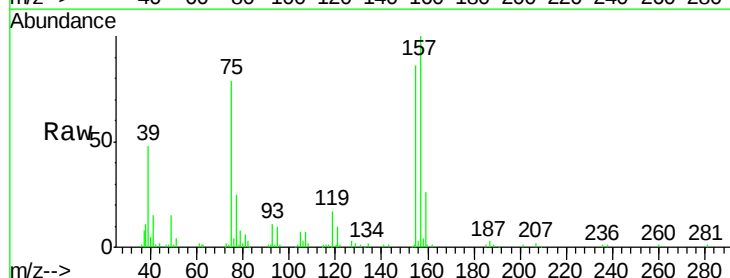
Manual Integrations
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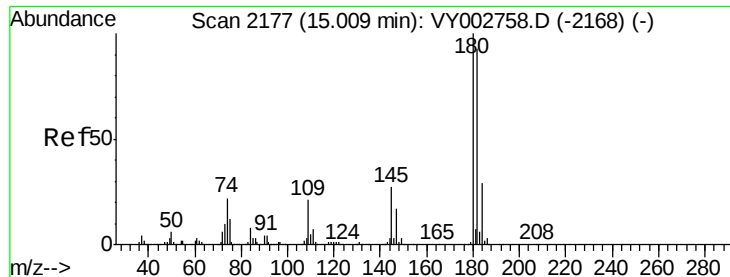
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.460 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21909		
155	108.3	53.5	160.5	
157	133.2	69.9	209.7	





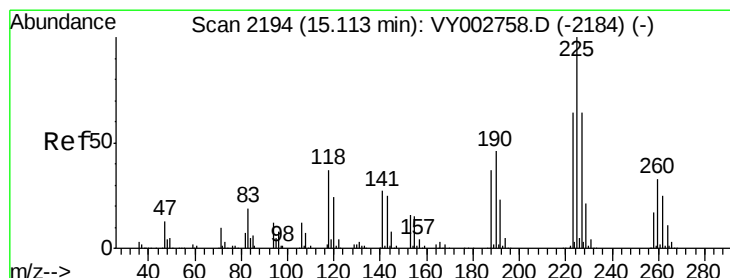
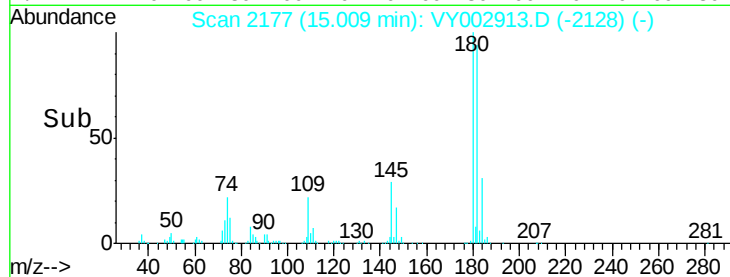
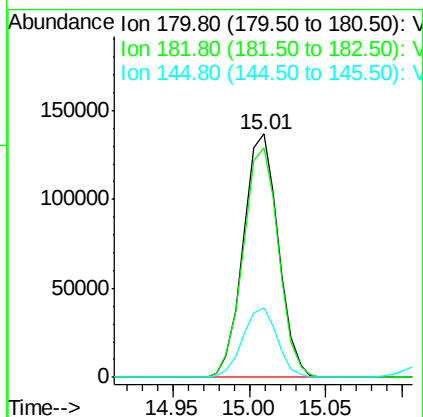
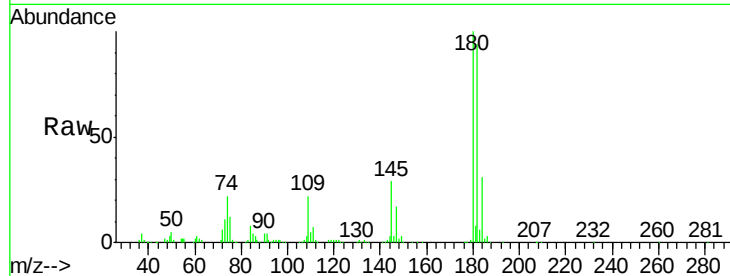
#93
 1,2,4-Trichlorobenzene
 Concen: 49.245 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	217871		
182	95.0	47.3	141.9	
145	28.3	14.1	42.3	

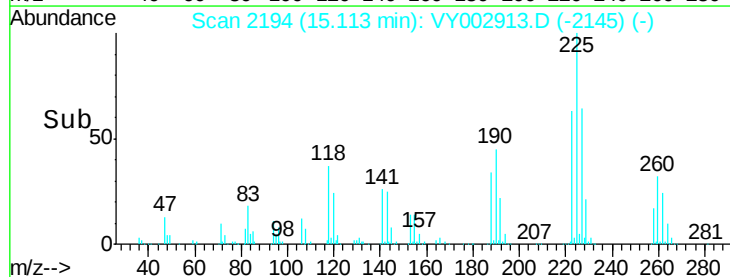
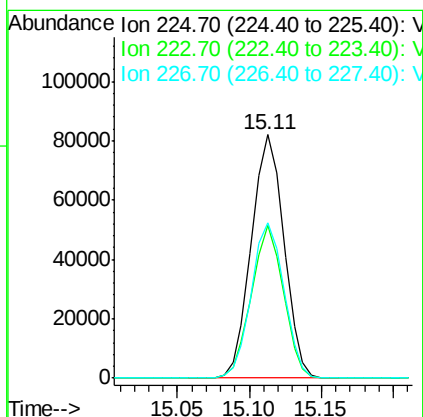
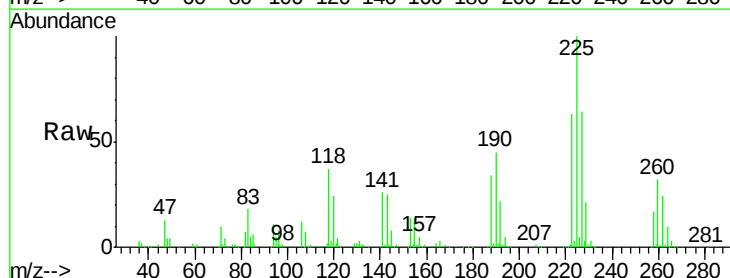
Manual Integrations
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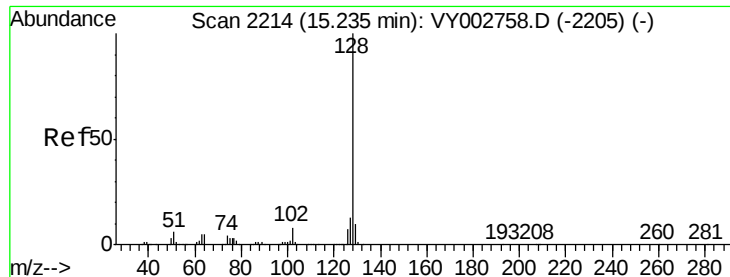
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#94
 Hexachlorobutadiene
 Concen: 51.137 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002913.D
 Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	128321		
223	61.8	31.6	95.0	
227	64.2	32.3	96.9	





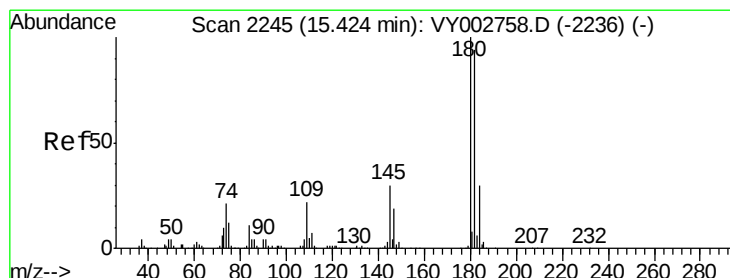
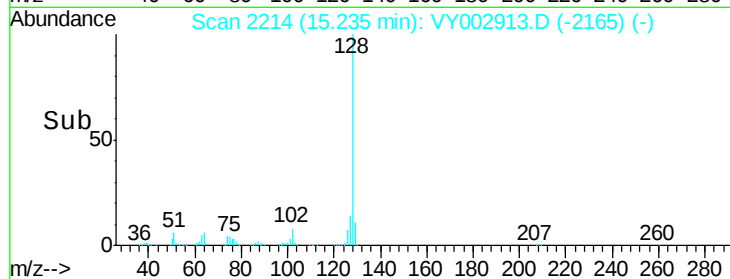
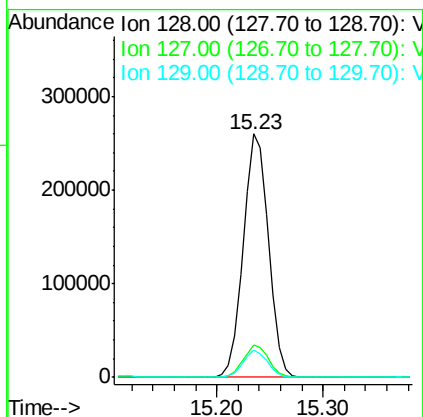
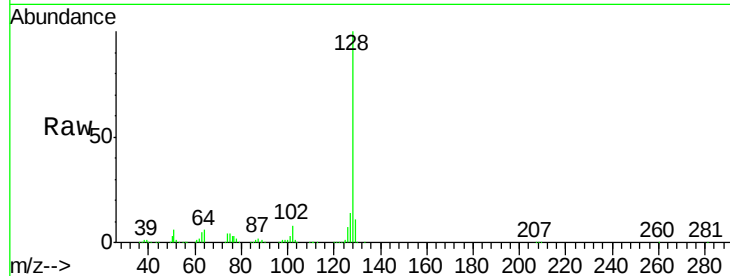
#95
Naphthalene
Concen: 48.712 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/19/2020 1:12:08 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.164 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002913.D
Acq: 18 Jun 2020 11:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.1	144.4
145	29.4	15.1	45.3

