

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002602.D
 Acq On : 06 May 2020 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:35:21 AM

Quant Time: May 06 13:31:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	378303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	559149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	498240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	252731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	157884	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	7.74	113	167969	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
50) Toluene-d8	10.19	98	657641	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.49	95	221193	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	174051	55.478	ug/l	99
3) Chloromethane	2.13	50	180188	58.790	ug/l	100
4) Vinyl Chloride	2.27	62	209411	59.171	ug/l	98
5) Bromomethane	2.67	94	133957	54.887	ug/l	99
6) Chloroethane	2.81	64	118009	55.844	ug/l	99
7) Trichlorofluoromethane	3.15	101	296309	54.021	ug/l	100
8) Diethyl Ether	3.55	74	100081	54.296	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.92	101	183372	54.700	ug/l	99
10) Methyl Iodide	4.11	142	253612	55.530	ug/l	99
11) Tert butyl alcohol	4.98	59	71558	218.662	ug/l	100
12) 1,1-Dichloroethene	3.90	96	179129	55.004	ug/l	97
13) Acrolein	3.75	56	53166	234.939	ug/l	96
14) Allyl chloride	4.50	41	268909	56.673	ug/l	97
15) Acrylonitrile	5.19	53	229206	263.686	ug/l	99
16) Acetone	3.97	43	173643	264.516	ug/l	100
17) Carbon Disulfide	4.22	76	556543	56.806	ug/l	99
18) Methyl Acetate	4.50	43	113457	51.727	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	449815	52.941	ug/l	97
20) Methylene Chloride	4.74	84	185714	50.590	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	195955	55.052	ug/l	99
22) Diisopropyl ether	6.14	45	527868	54.982	ug/l	97
23) Vinyl Acetate	6.09	43	1638410	271.353	ug/l	99
24) 1,1-Dichloroethane	6.05	63	312896	55.089	ug/l	99
25) 2-Butanone	7.01	43	271023	252.214	ug/l	100
26) 2,2-Dichloropropane	7.00	77	283996	52.603	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	212510	53.958	ug/l	100
28) Bromochloromethane	7.35	49	127545	54.808	ug/l	100
29) Tetrahydrofuran	7.37	42	188775	265.522	ug/l	99
30) Chloroform	7.53	83	313793	53.134	ug/l	99
31) Cyclohexane	7.80	56	304517	53.263	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	291994	53.194	ug/l	99
36) 1,1-Dichloropropene	7.94	75	257154	54.861	ug/l	99
37) Ethyl Acetate	7.10	43	126151	52.372	ug/l	99
38) Carbon Tetrachloride	7.92	117	277425	54.211	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	344621	55.664	ug/l	98
40) Benzene	8.18	78	738041	54.515	ug/l	99
41) Methacrylonitrile	7.34	41	60753m	46.910	ug/l	
42) 1,2-Dichloroethane	8.25	62	195068	51.368	ug/l	98
43) Isopropyl Acetate	8.29	43	239854	53.115	ug/l	100
44) Trichloroethene	8.96	130	232671	54.993	ug/l	100
45) 1,2-Dichloropropane	9.23	63	178898	54.753	ug/l	99
46) Dibromomethane	9.32	93	99839	53.108	ug/l	100
47) Bromodichloromethane	9.51	83	243944	53.367	ug/l	99
48) Methyl methacrylate	9.30	41	113602	55.587	ug/l	96
49) 1,4-Dioxane	9.31	88	26641	1070.316	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	617594	265.339	ug/l	100
52) Toluene	10.25	92	473648	54.438	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	258024	53.874	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	301615	54.475	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	143900	52.490	ug/l	97
56) Ethyl methacrylate	10.52	69	198988	54.562	ug/l	98
57) 1,3-Dichloropropane	10.80	76	242709	52.206	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	492635	256.148	ug/l	99
59) 2-Hexanone	10.84	43	431611	269.421	ug/l	100
60) Dibromochloromethane	10.99	129	185977	53.338	ug/l	99
61) 1,2-Dibromoethane	11.10	107	142753	52.589	ug/l	99
64) Tetrachloroethene	10.73	164	254784	57.554	ug/l	96
65) Chlorobenzene	11.53	112	512025	54.059	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	192530	54.760	ug/l	99
67) Ethyl Benzene	11.60	91	915573	55.031	ug/l	99
68) m/p-Xylenes	11.71	106	705486	109.592	ug/l	99
69) o-Xylene	12.04	106	334524	55.500	ug/l	97
70) Styrene	12.05	104	569996	55.318	ug/l	99
71) Bromoform	12.22	173	118984	54.525	ug/l #	99
73) Isopropylbenzene	12.34	105	909023	55.498	ug/l	100
74) N-amyl acetate	12.15	43	220047	55.848	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	132278	50.780	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	104645m	46.593	ug/l	
77) Bromobenzene	12.62	156	223353	54.580	ug/l	99
78) n-propylbenzene	12.68	91	1060044	55.768	ug/l	100
79) 2-Chlorotoluene	12.77	91	574154	54.531	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	753353	55.486	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	61538	54.942	ug/l #	73
82) 4-Chlorotoluene	12.86	91	600906	54.332	ug/l	100
83) tert-Butylbenzene	13.08	119	669183	56.211	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	751331	55.526	ug/l	100
85) sec-Butylbenzene	13.27	105	922123	55.820	ug/l	100
86) p-Isopropyltoluene	13.38	119	861335	55.647	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	421006	54.357	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	418803	54.608	ug/l	100
89) n-Butylbenzene	13.70	91	791736	56.188	ug/l	99
90) Hexachloroethane	13.97	117	157780	55.974	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	373516	54.046	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	24678	50.822	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	272225	54.255	ug/l	99
94) Hexachlorobutadiene	15.12	225	166734	55.360	ug/l	98
95) Naphthalene	15.25	128	483461	52.819	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	228500	53.645	ug/l	99

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

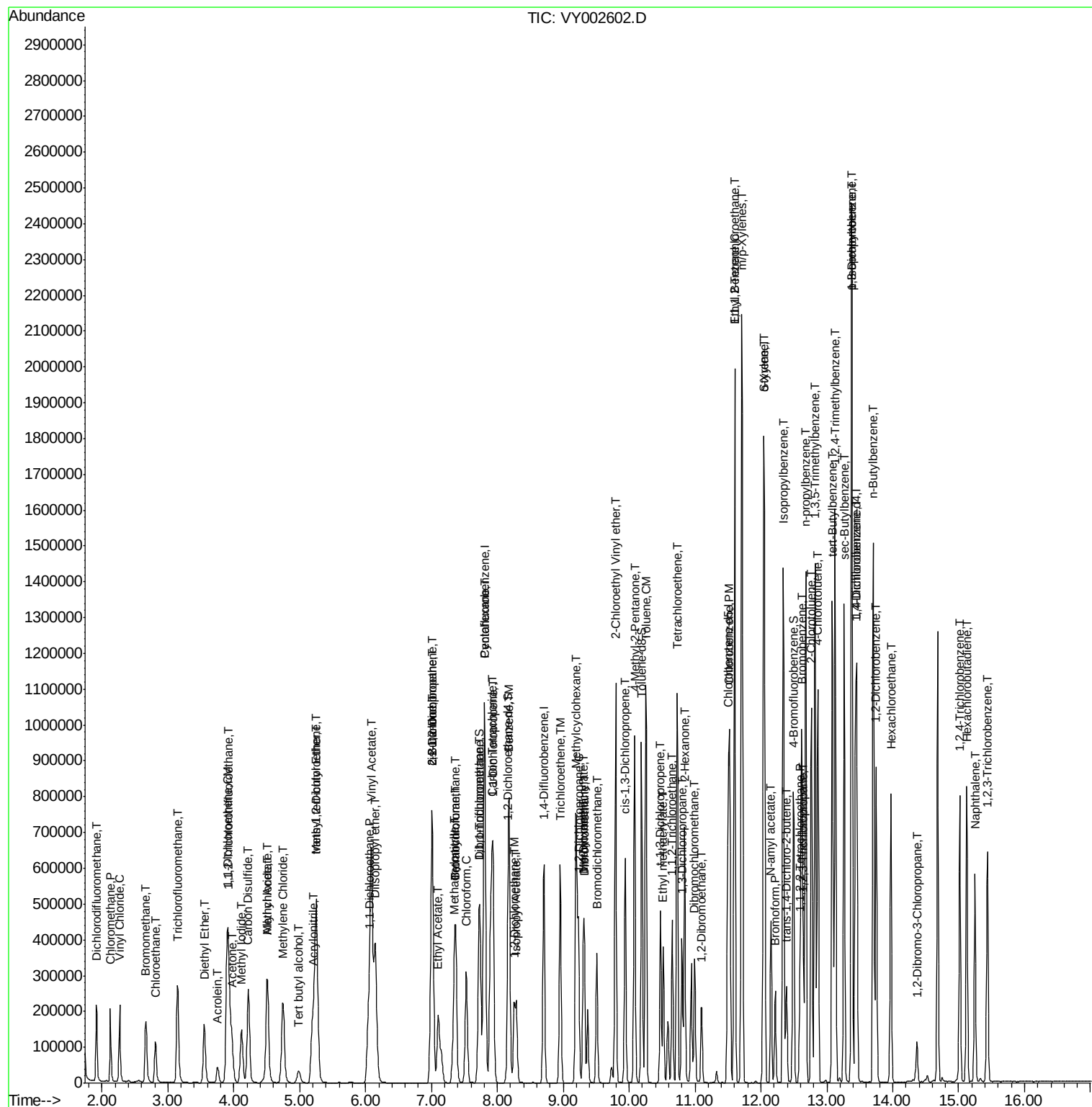
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
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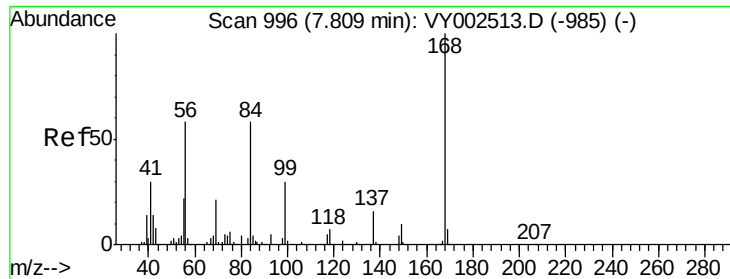
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 378303

Ion Ratio Lower Upper

168 100

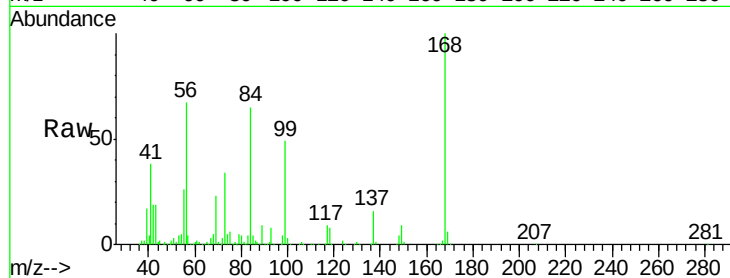
99 49.0 39.2 58.8

Manual Integrations

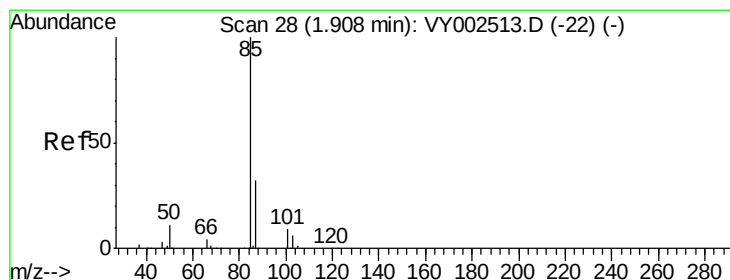
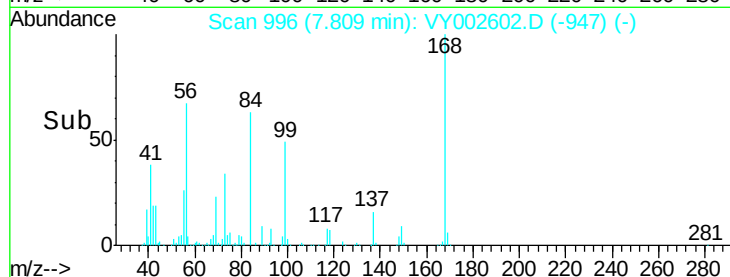
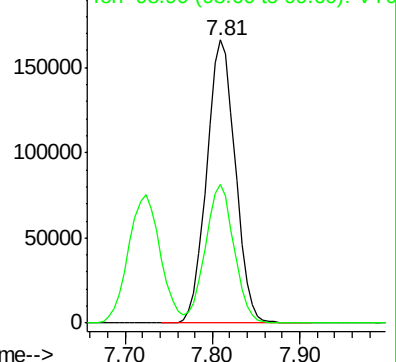
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Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 55.478 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002602.D

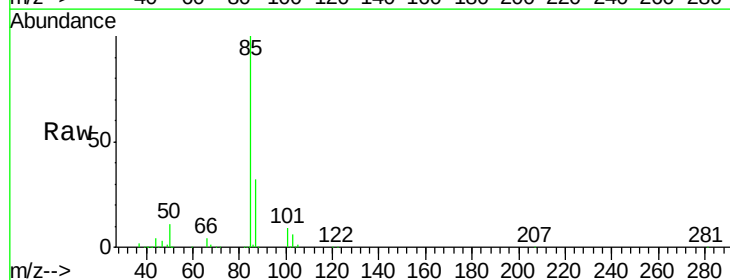
Acq: 06 May 2020 09:52

Tgt Ion: 85 Resp: 174051

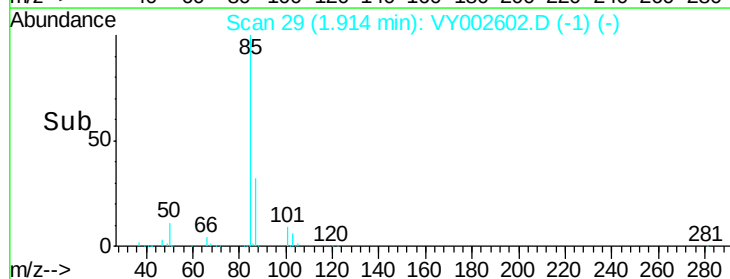
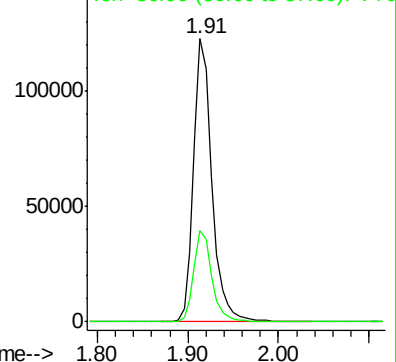
Ion Ratio Lower Upper

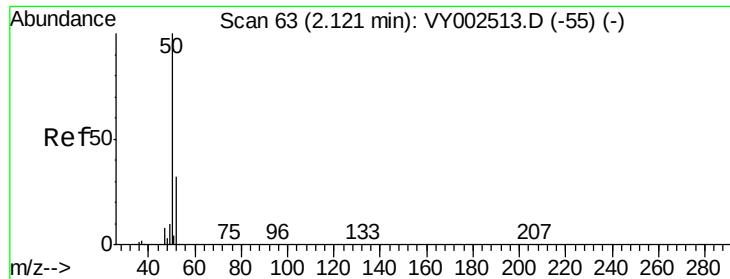
85 100

87 32.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)





#3

Chloromethane

Concen: 58.790 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 180188

Ion Ratio Lower Upper

50 100

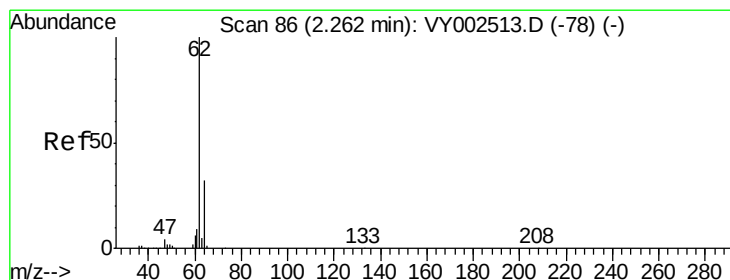
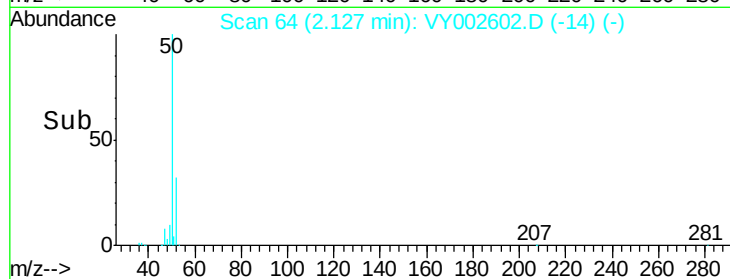
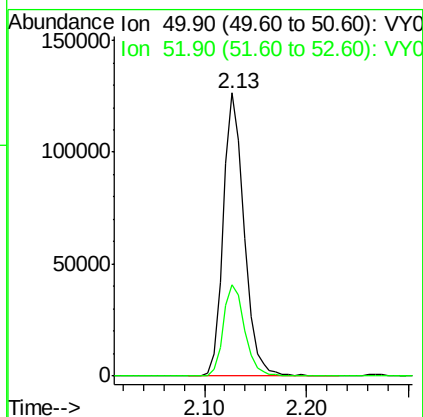
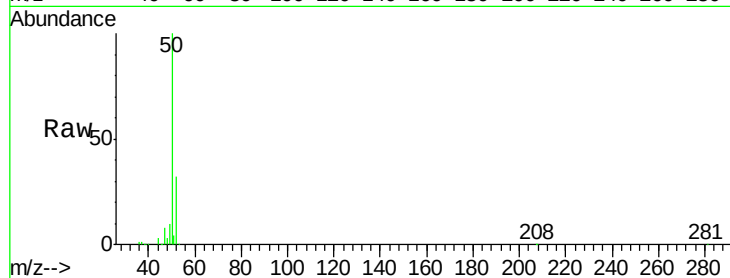
52 32.3 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 59.171 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002602.D

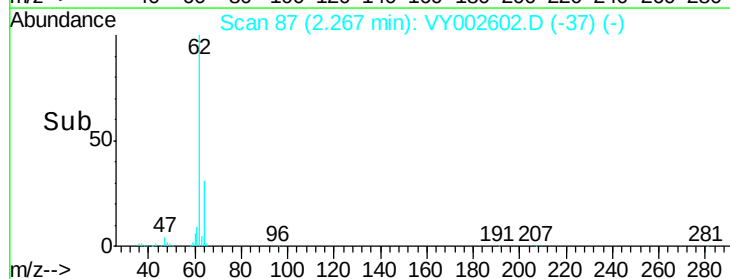
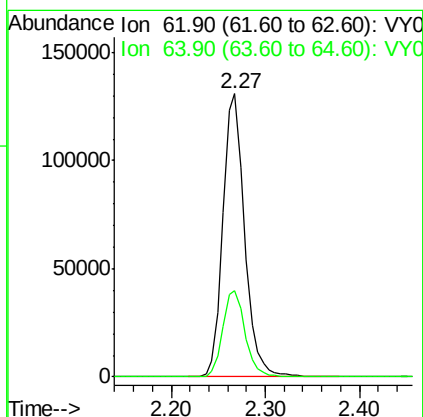
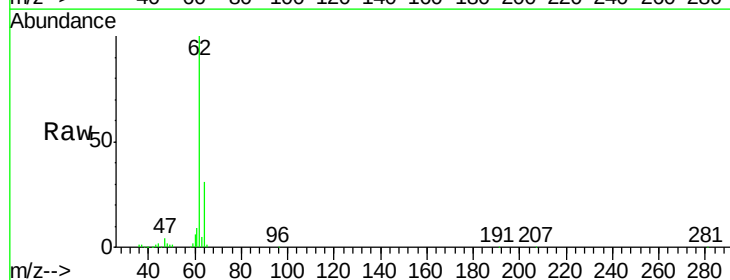
Acq: 06 May 2020 09:52

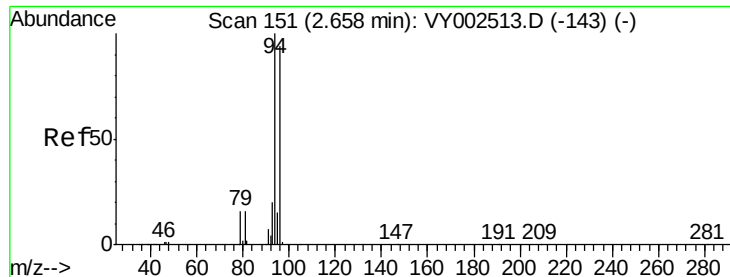
Tgt Ion: 62 Resp: 209411

Ion Ratio Lower Upper

62 100

64 30.7 25.3 37.9





#5

Bromomethane

Concen: 54.887 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 133957

Ion Ratio Lower Upper

94 100

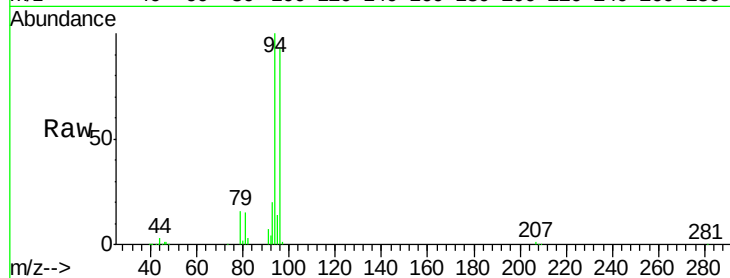
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Manual Integrations

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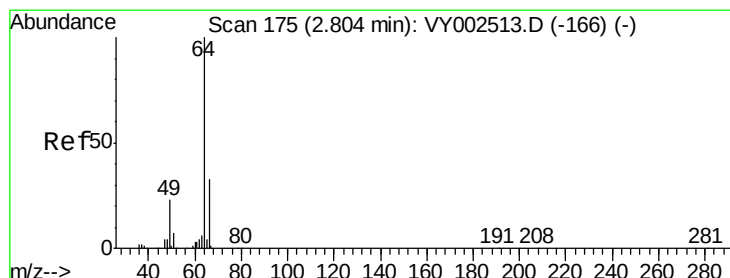
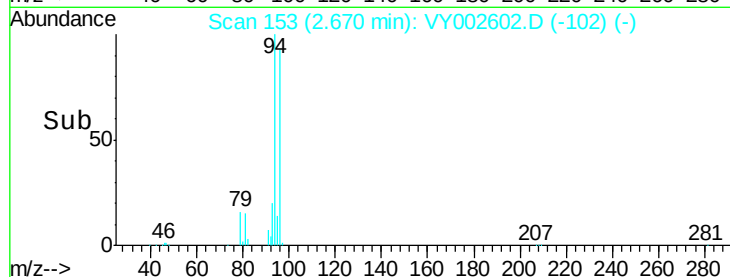
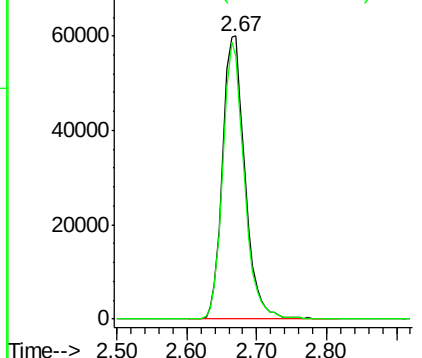
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 55.844 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002602.D

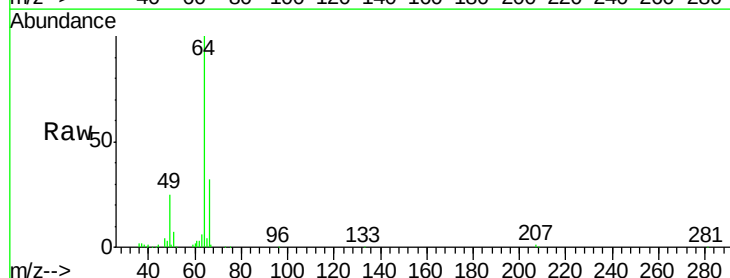
Acq: 06 May 2020 09:52

Tgt Ion: 64 Resp: 118009

Ion Ratio Lower Upper

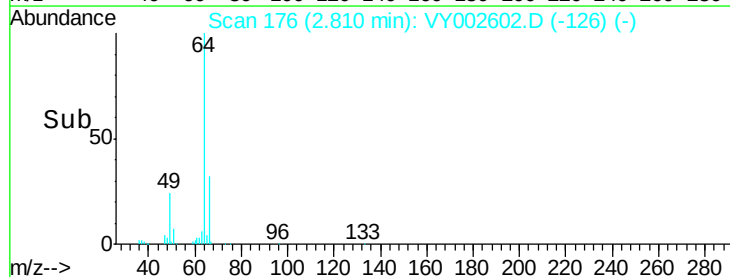
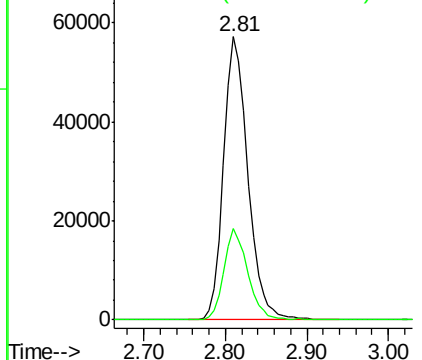
64 100

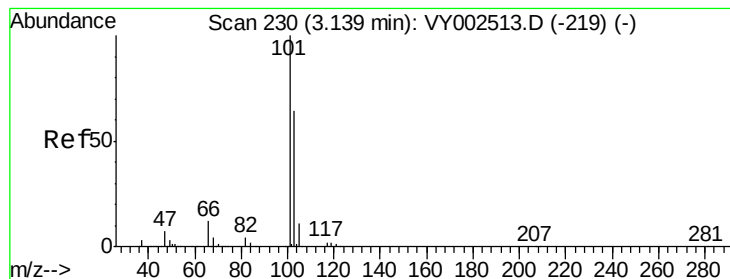
66 32.1 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

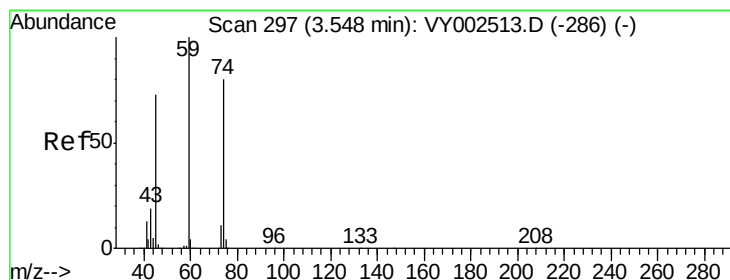
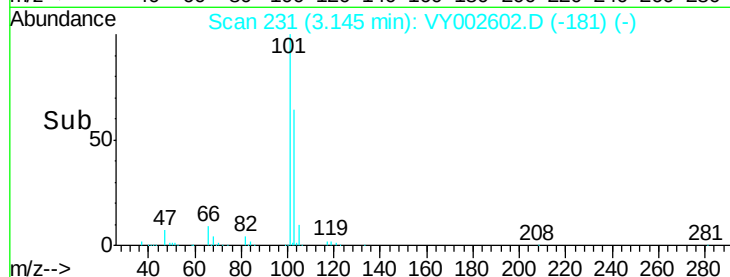
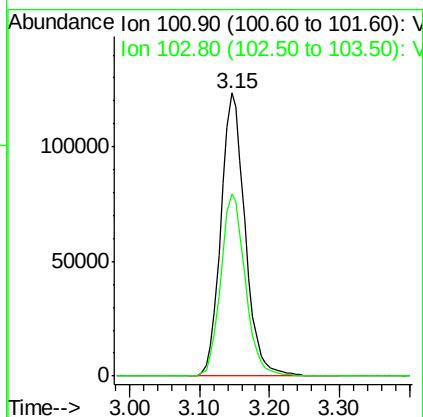
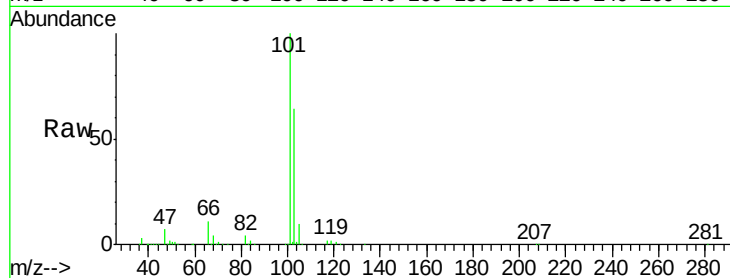
Trichlorofluoromethane
Concen: 54.021 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	296309		
103	64.5	51.4	77.0	

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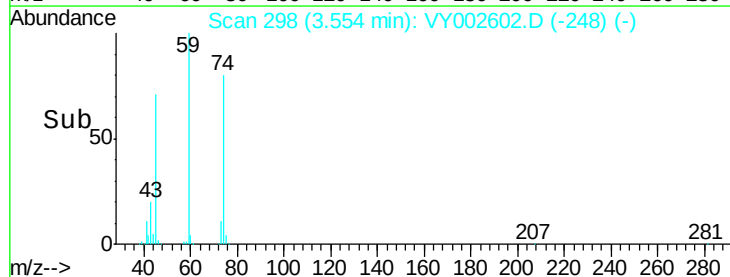
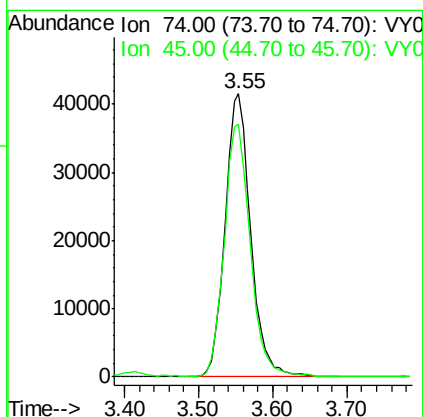
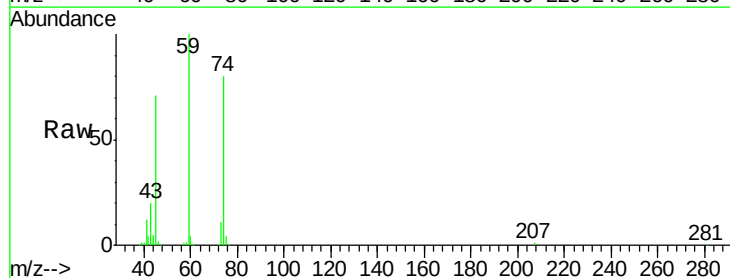
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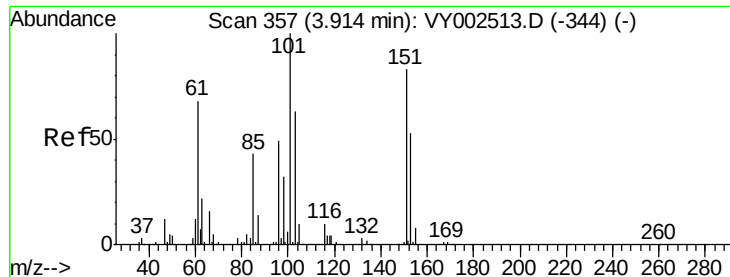


#8

Diethyl Ether
Concen: 54.296 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.01 min
Lab File: VY002602.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	100081		
45	90.6	46.2	138.5	





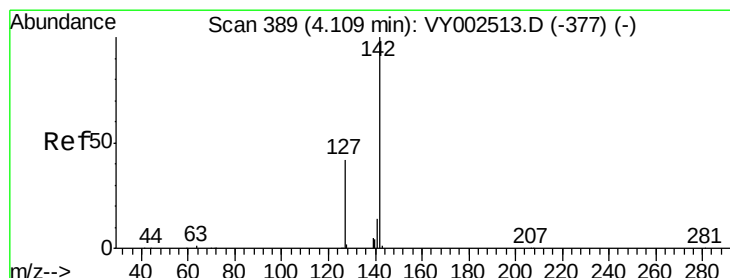
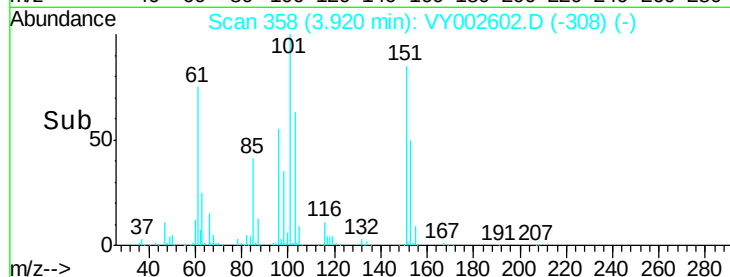
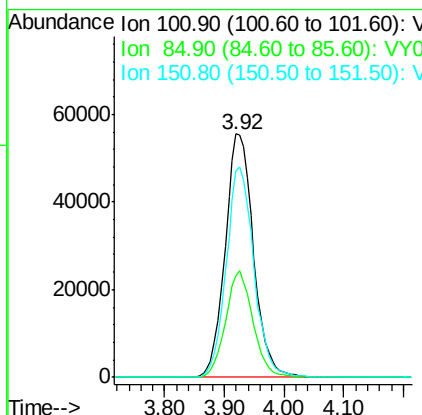
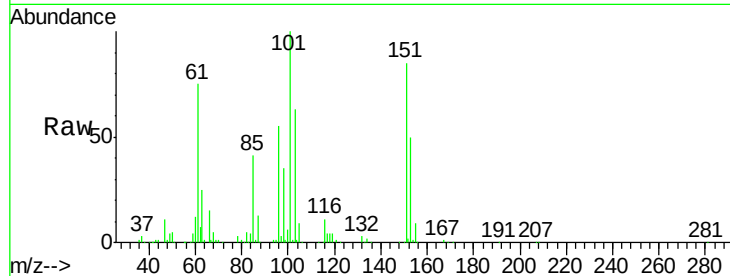
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 54.700 ug/l
 RT: 3.92 min Scan# 358
 Delta R.T. 0.01 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	183372		
85	42.2	33.4	50.2	
151	84.7	66.8	100.2	

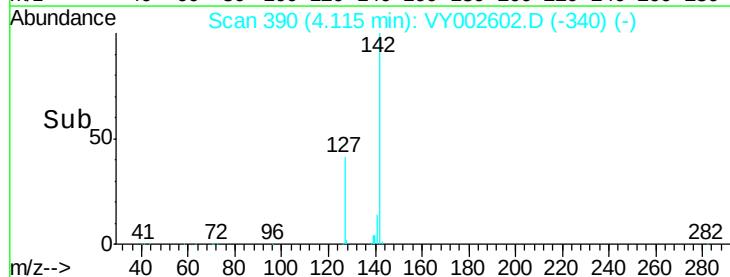
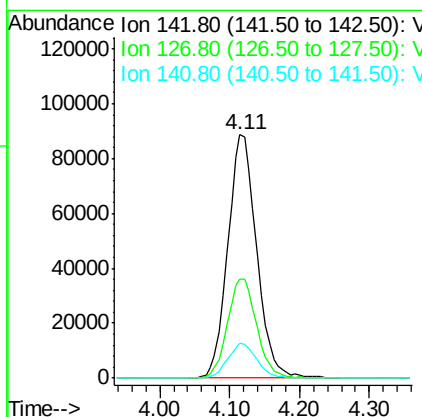
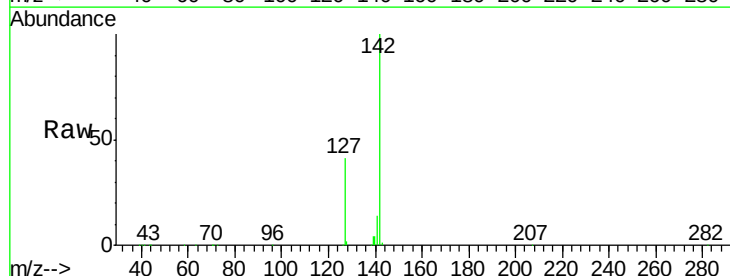
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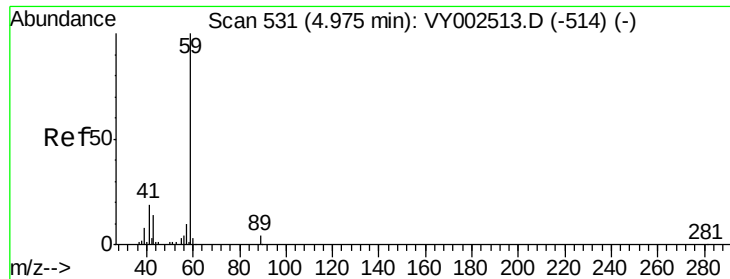
MMDadoda
 5/7/2020 10:35:21 AM



#10
 Methyl Iodide
 Concen: 55.530 ug/l
 RT: 4.11 min Scan# 390
 Delta R.T. 0.01 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	253612		
127	41.2	33.7	50.5	
141	14.3	11.4	17.0	





#11

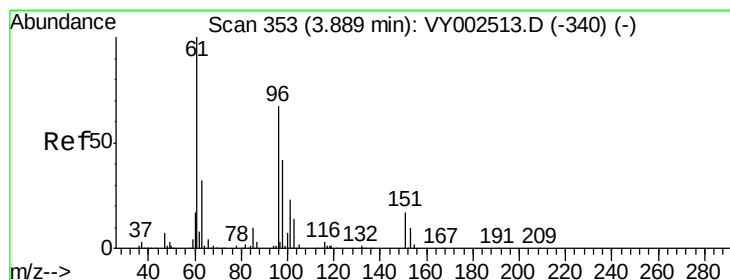
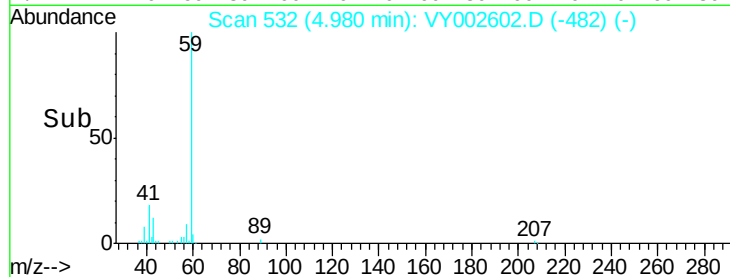
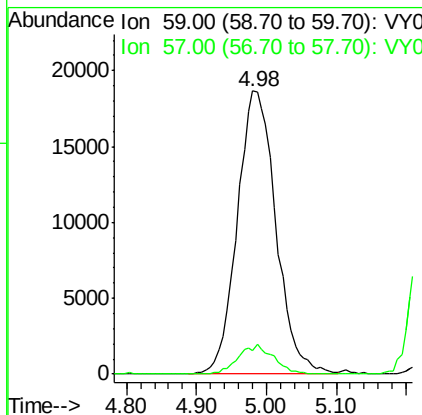
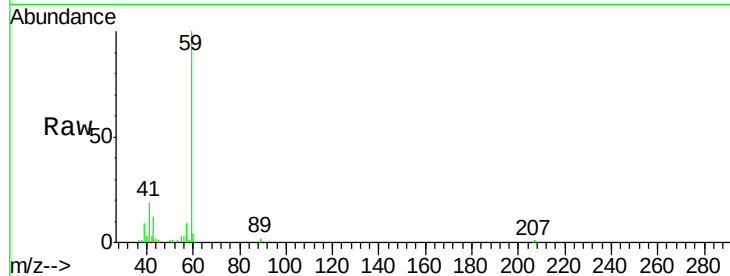
Tert butyl alcohol
 Concen: 218.662 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	9.5	7.8	11.6

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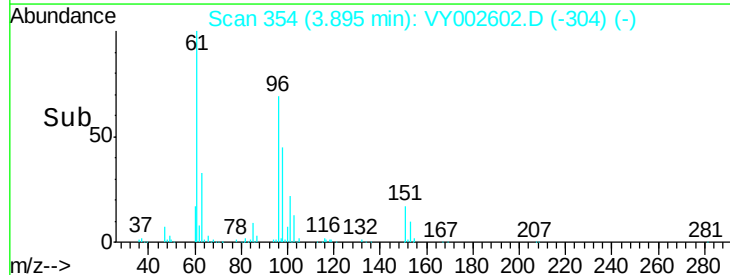
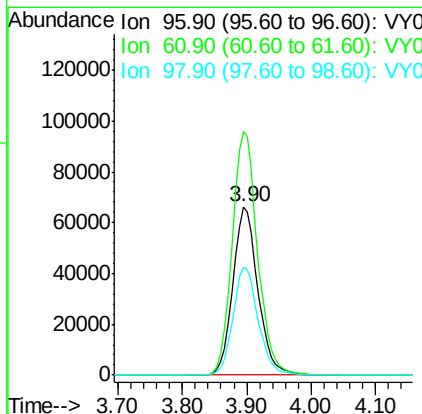
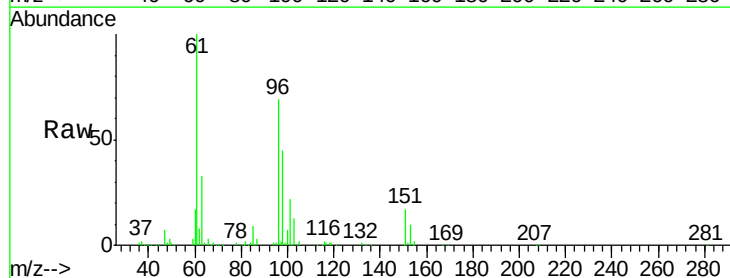
MMDadoda
 5/7/2020 10:35:21 AM

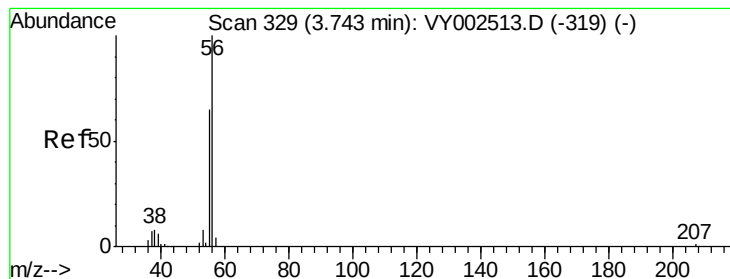


#12

1,1-Dichloroethene
 Concen: 55.004 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	144.3	118.8	178.2
98	98	64.3	49.6	74.4





#13

Acrolein

Concen: 234.939 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 53166

Ion Ratio Lower Upper

56 100

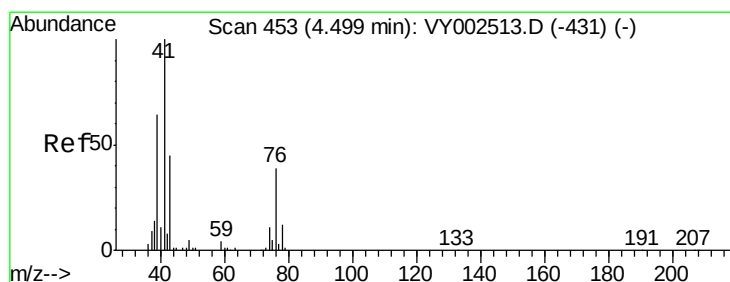
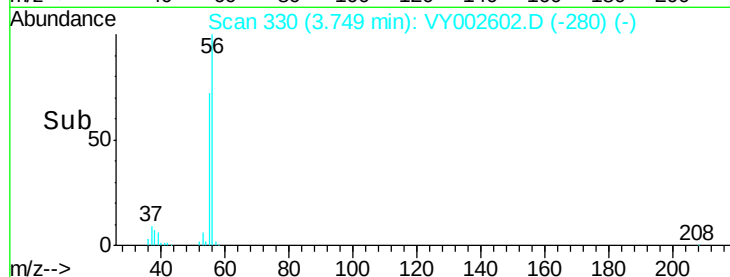
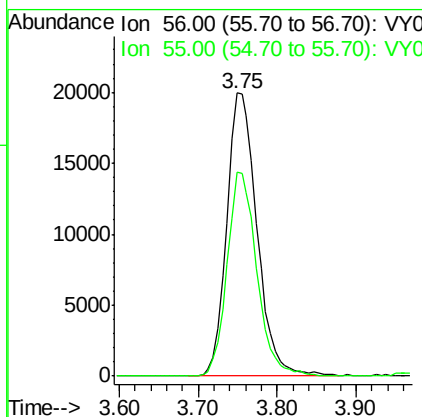
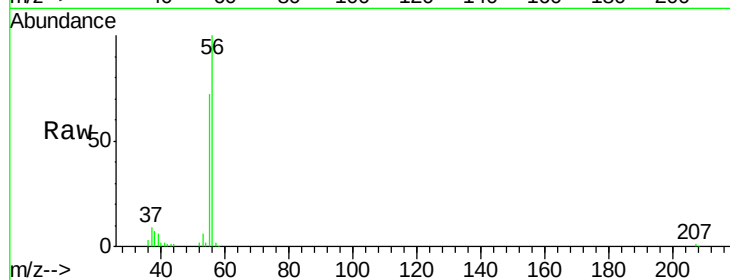
55 70.7 53.8 80.6

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#14

Allyl chloride

Concen: 56.673 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

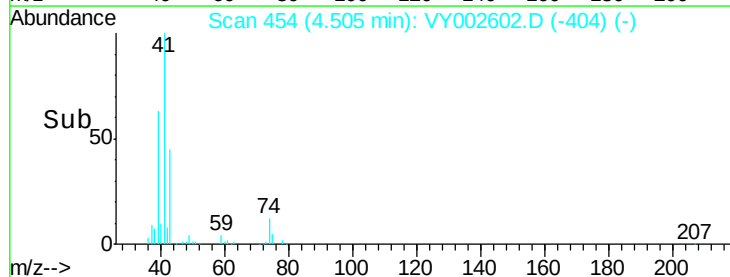
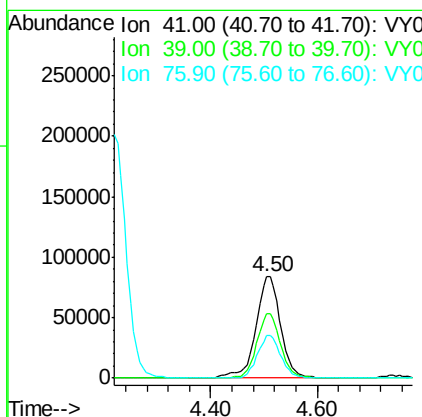
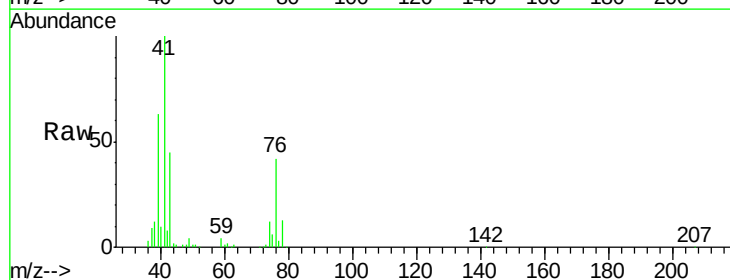
Tgt Ion: 41 Resp: 268909

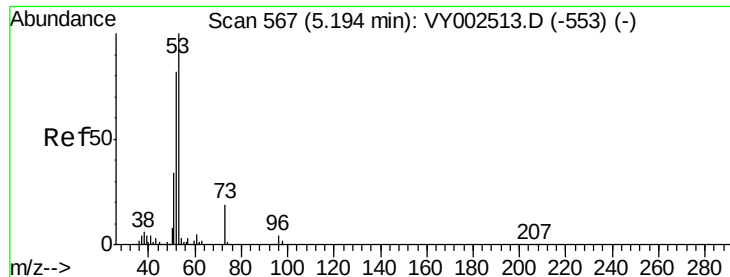
Ion Ratio Lower Upper

41 100

39 61.3 51.8 77.6

76 39.6 31.7 47.5





#15

Acrylonitrile

Concen: 263.686 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

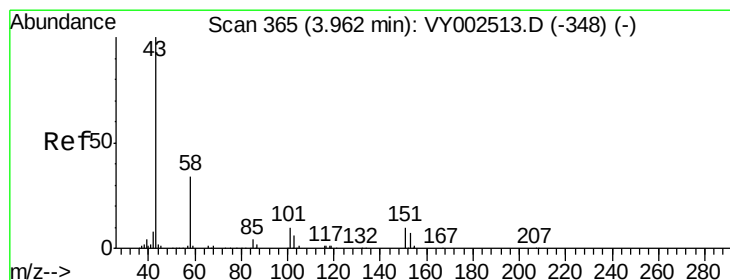
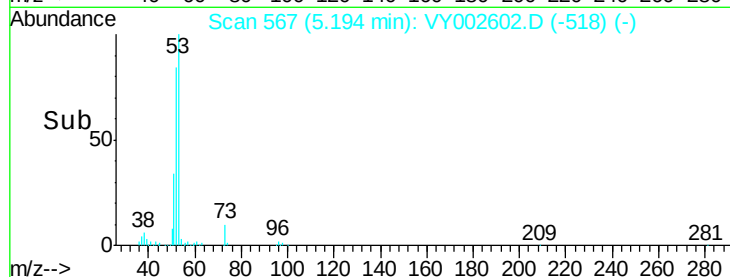
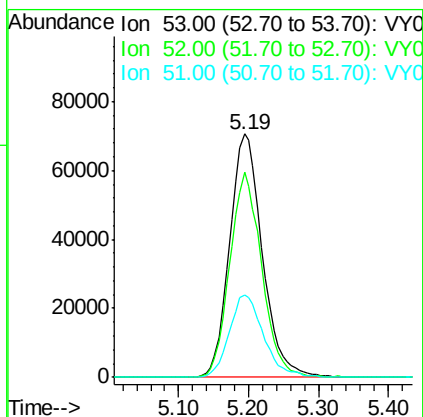
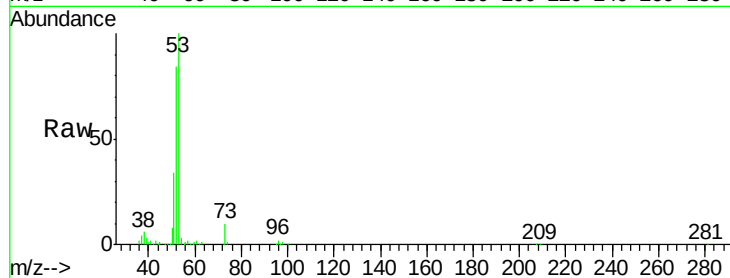
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	229206
Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.4	98.0
51	35.7	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 264.516 ug/l

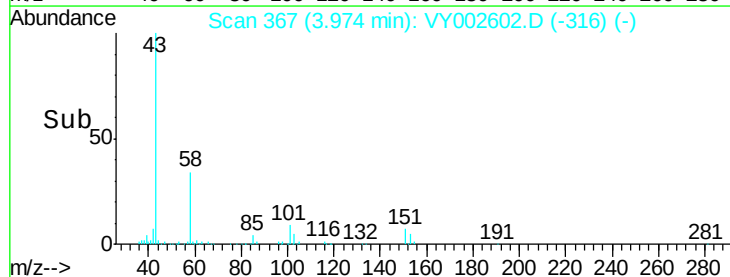
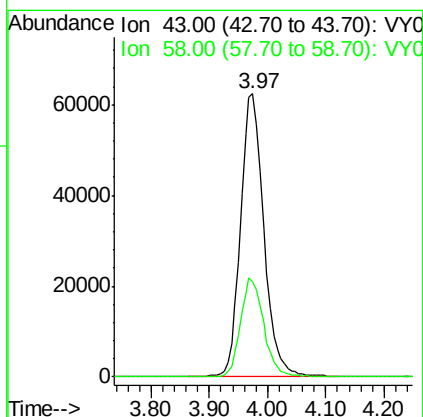
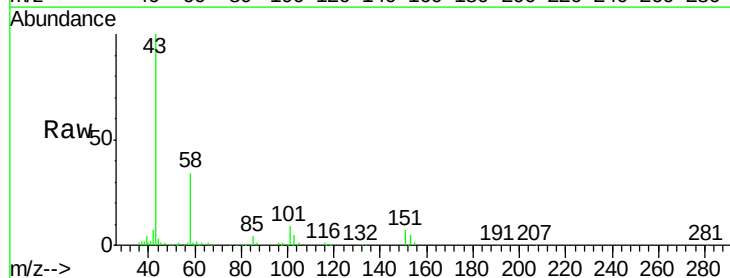
RT: 3.97 min Scan# 367

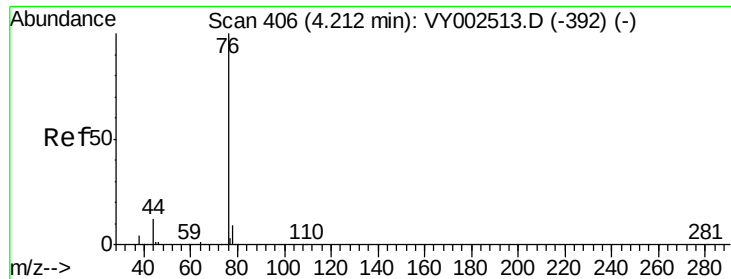
Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Tgt Ion:	43	Resp:	173643
Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.9	40.3





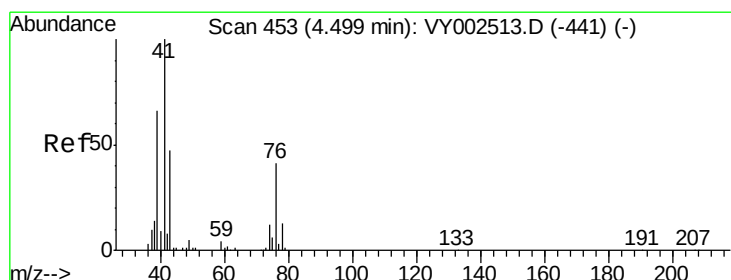
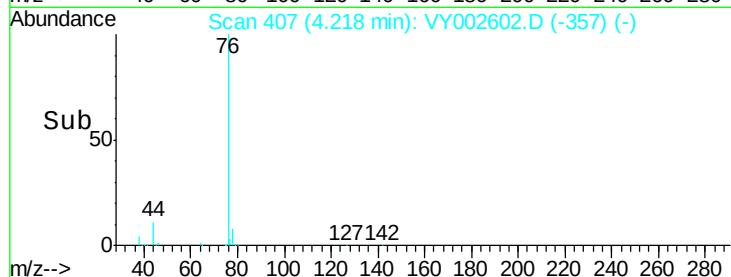
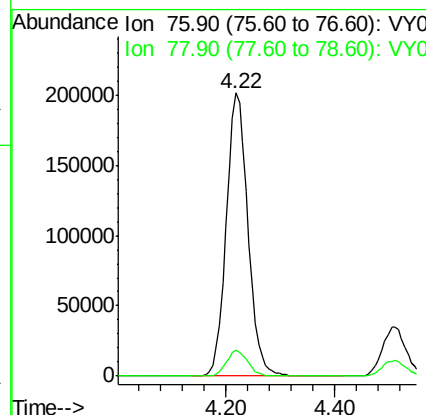
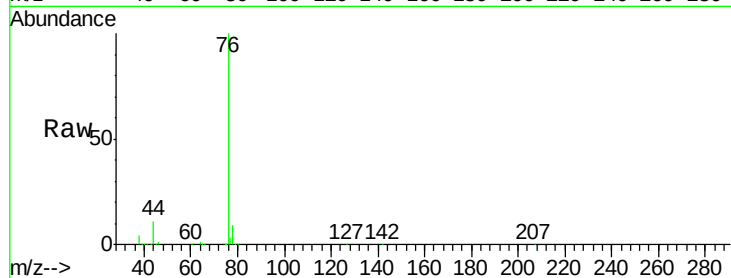
#17
Carbon Disulfide
Concen: 56.806 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

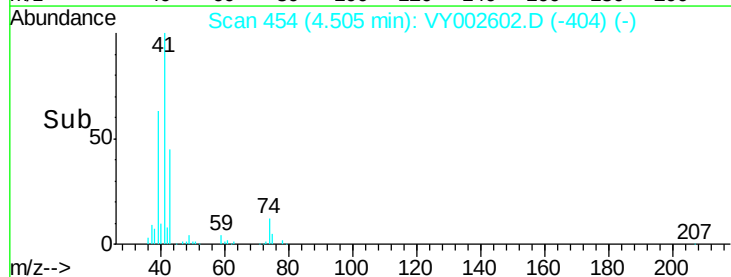
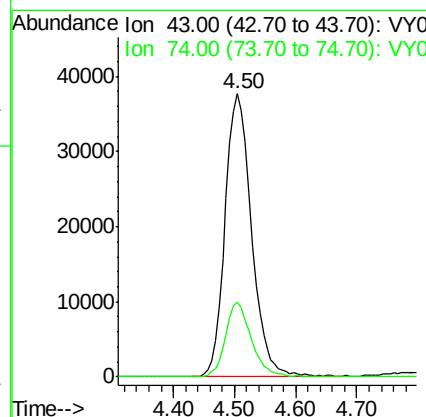
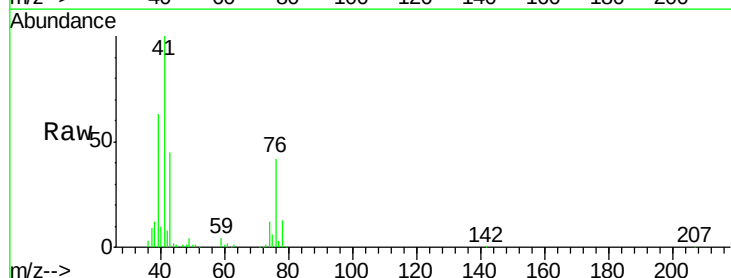
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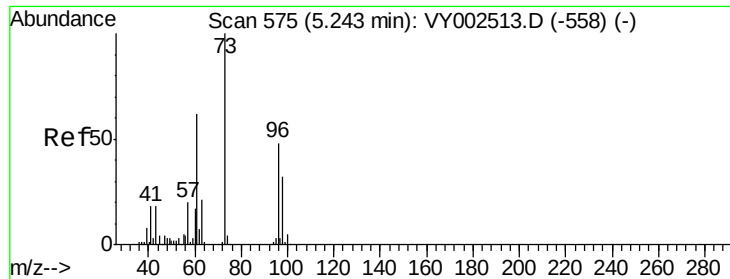
MMDadoda
5/7/2020 10:35:21 AM



#18
Methyl Acetate
Concen: 51.727 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	21.2	31.8





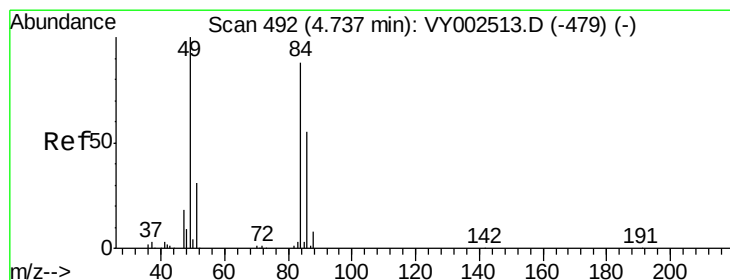
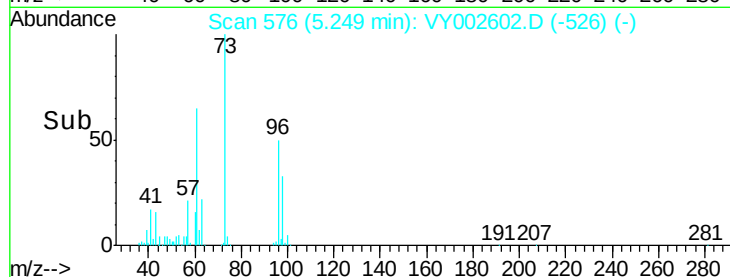
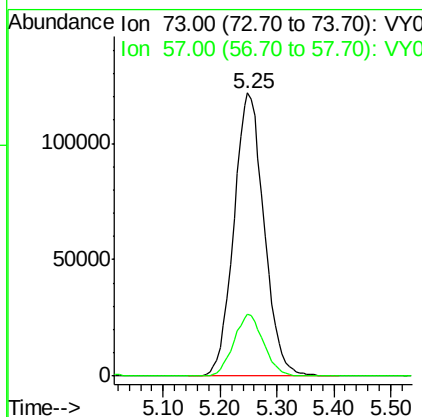
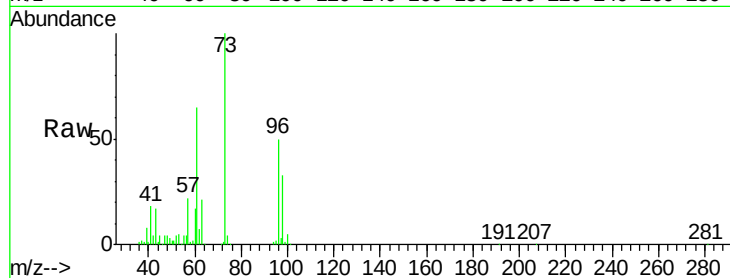
#19
Methyl tert-butyl Ether
Concen: 52.941 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	16.3	24.5

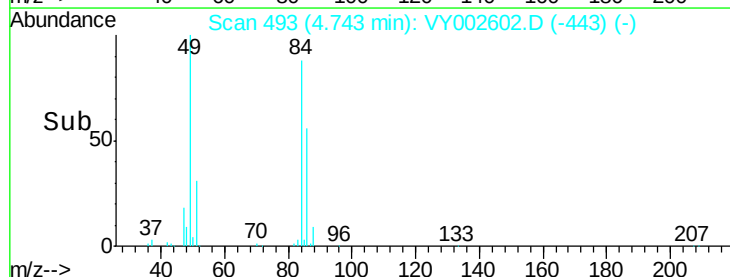
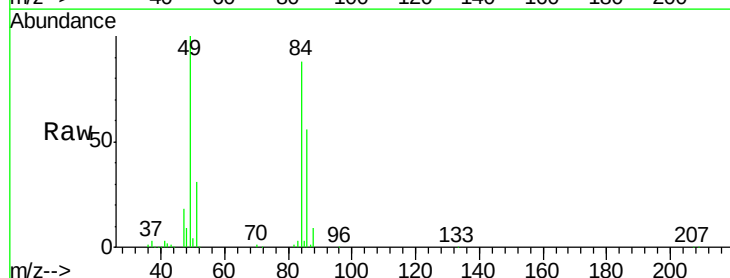
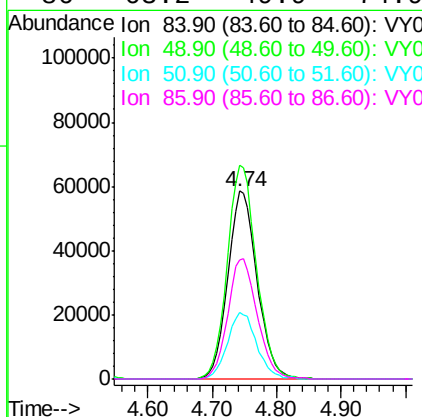
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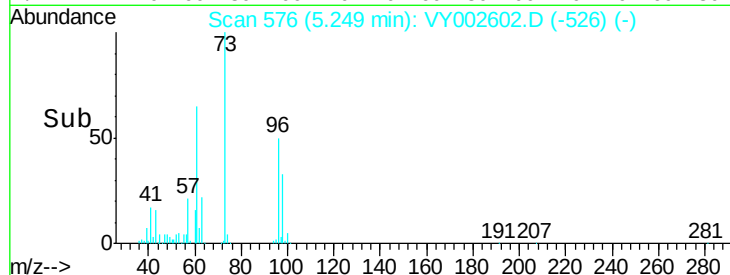
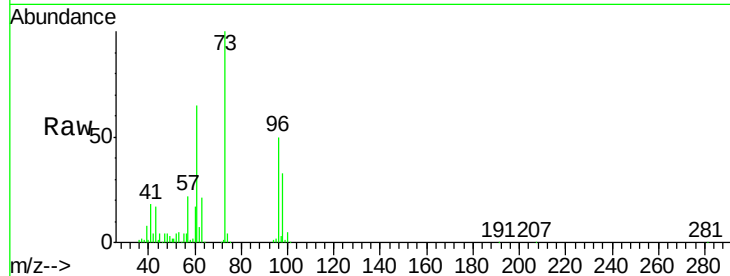
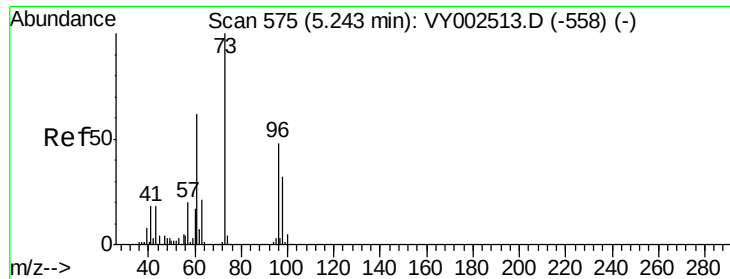
MMDadoda
5/7/2020 10:35:21 AM



#20
Methylene Chloride
Concen: 50.590 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.8	90.5	135.7
51	35.7	28.3	42.5
86	63.2	49.9	74.9





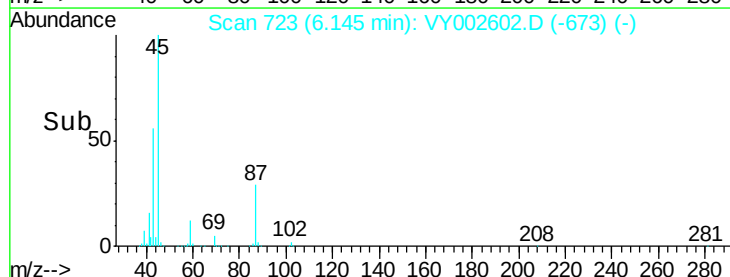
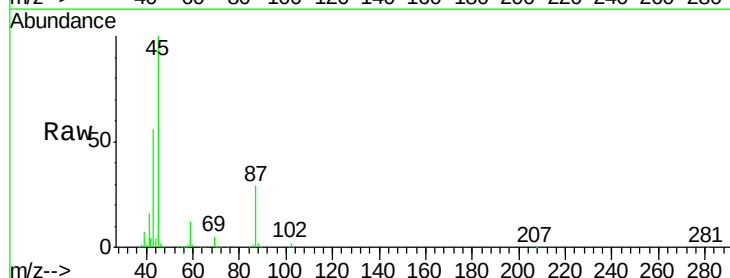
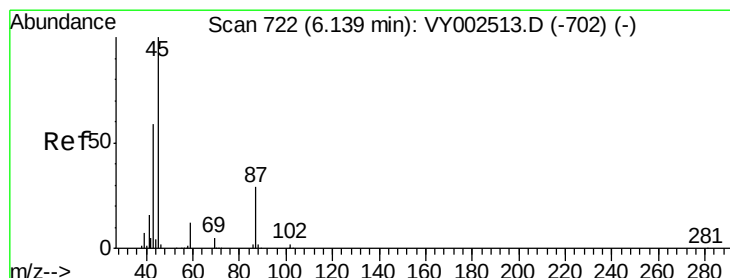
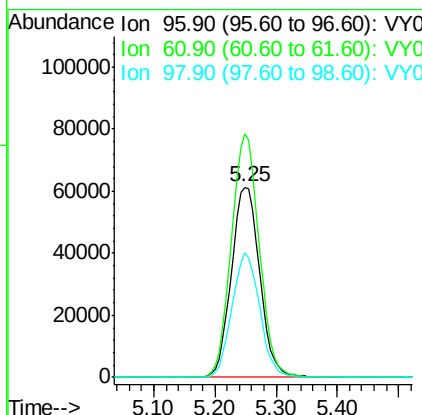
#21
trans-1,2-Dichloroethene
Concen: 55.052 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.0	102.0	153.0
98	65.5	53.0	79.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

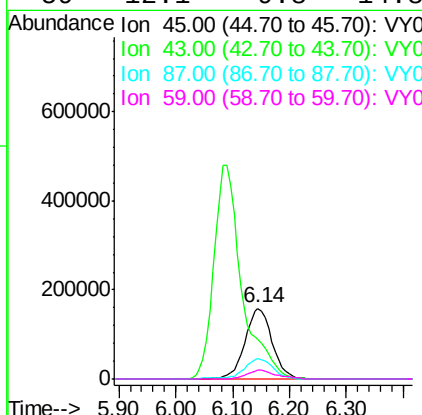
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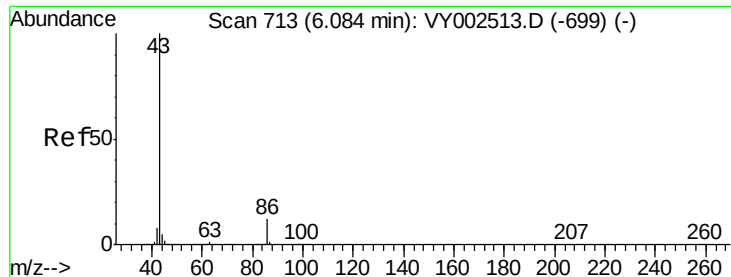
MMDadoda
5/7/2020 10:35:21 AM



#22
Diisopropyl ether
Concen: 54.982 ug/l
RT: 6.14 min Scan# 723
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.0	47.4	71.0
87	29.3	24.0	36.0
59	12.1	9.8	14.8





#23

Vinyl Acetate

Concen: 271.353 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1638410

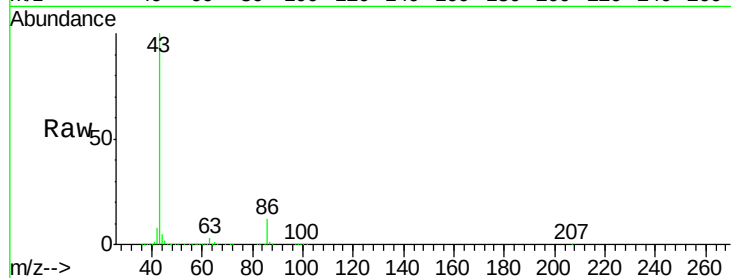
Ion Ratio Lower Upper

43 100

86 11.9 9.8 14.6

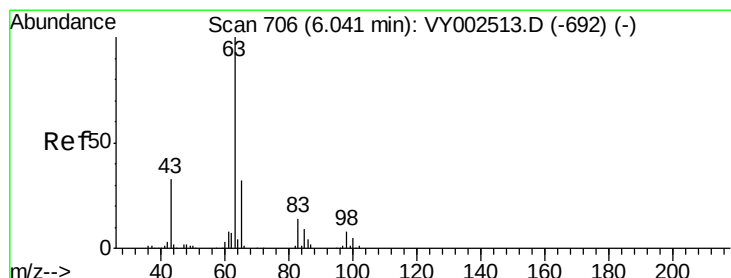
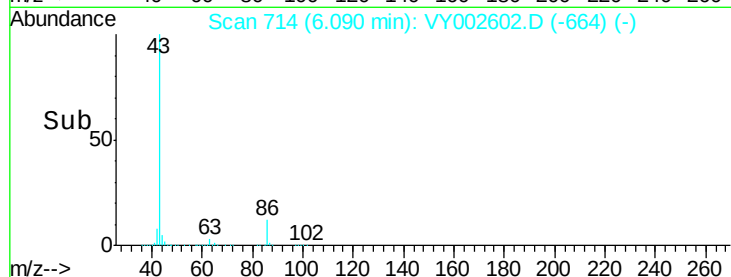
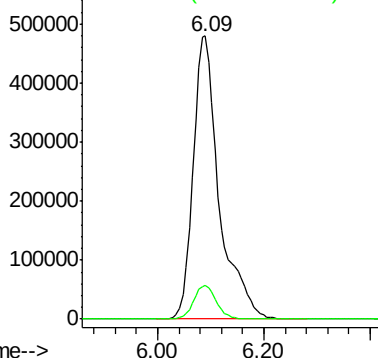
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 55.089 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

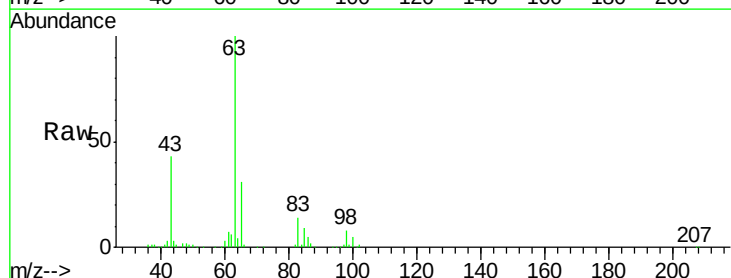
Tgt Ion: 63 Resp: 312896

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

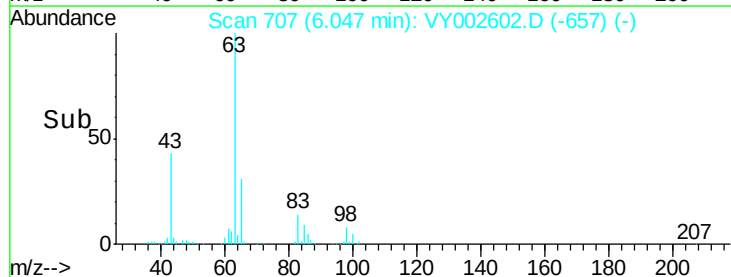
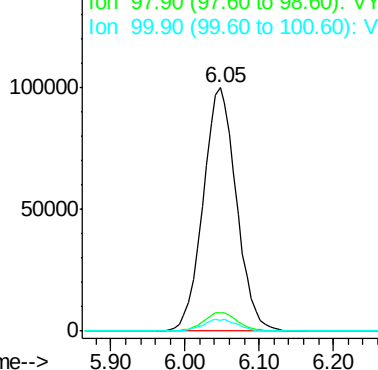
100 4.5 2.4 7.2

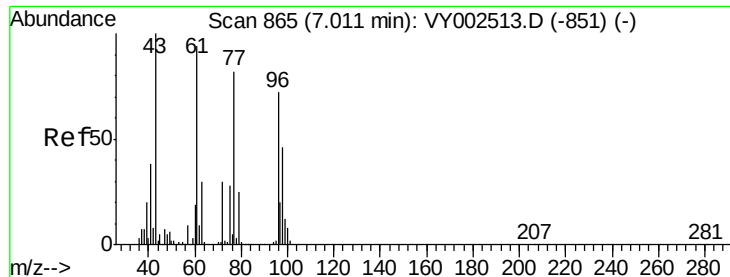


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 252.214 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 271023

Ion Ratio Lower Upper

43 100

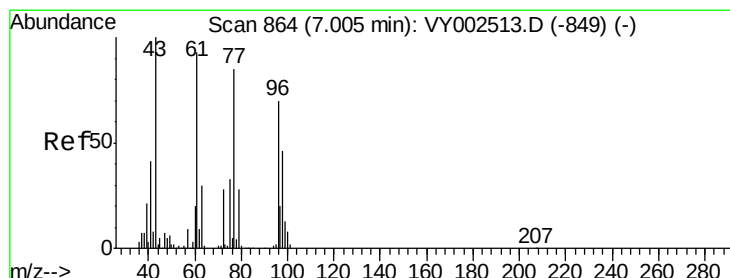
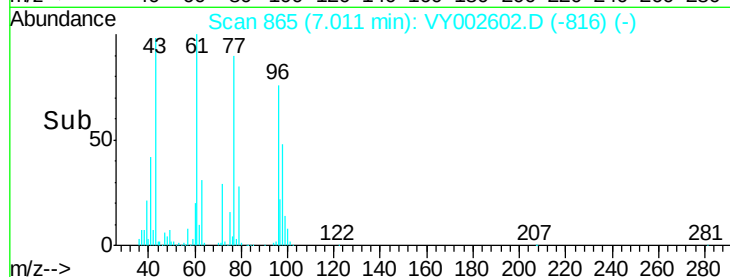
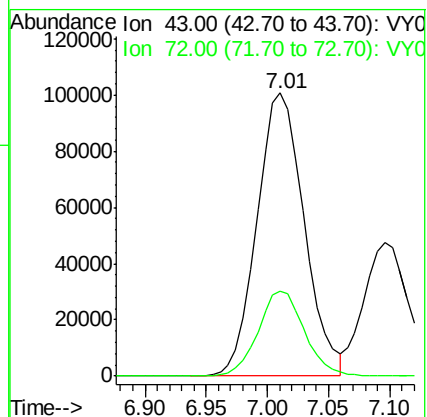
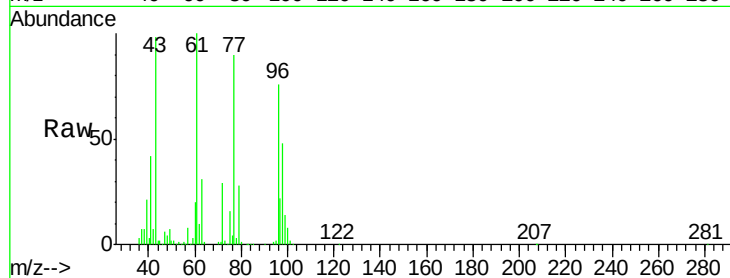
72 29.9 24.1 36.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.603 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002602.D

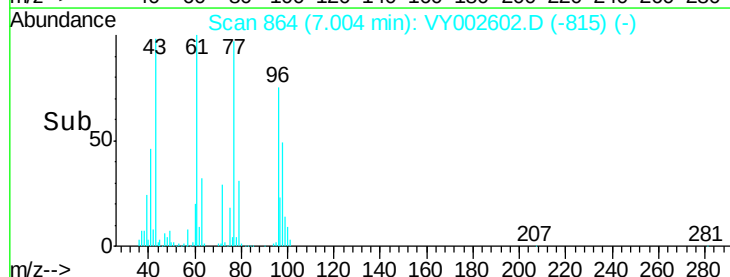
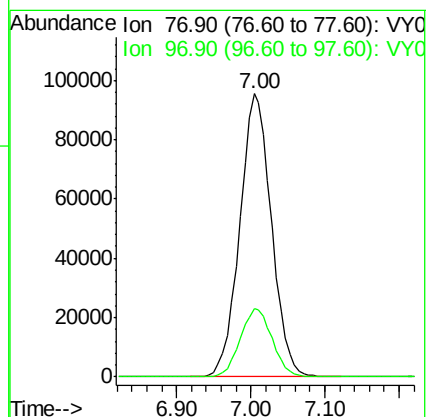
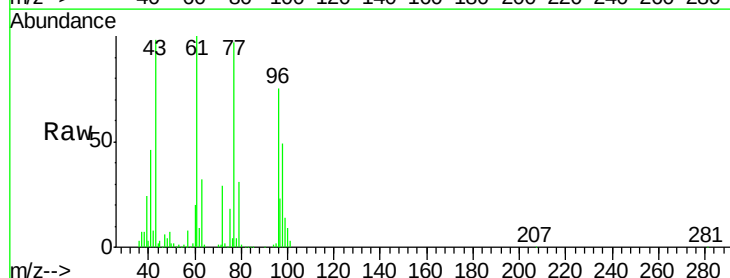
Acq: 06 May 2020 09:52

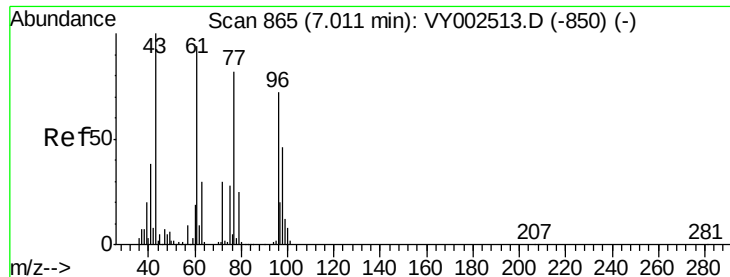
Tgt Ion: 77 Resp: 283996

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.5





#27

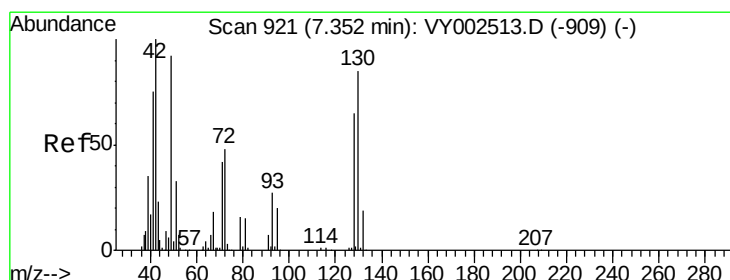
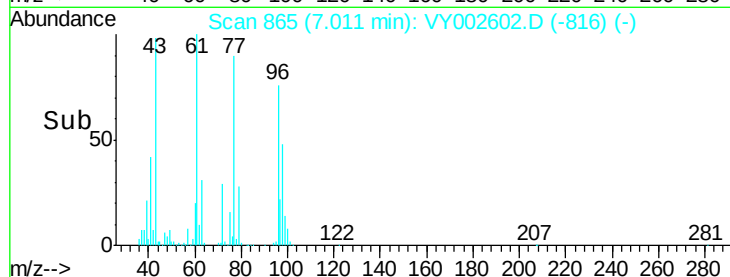
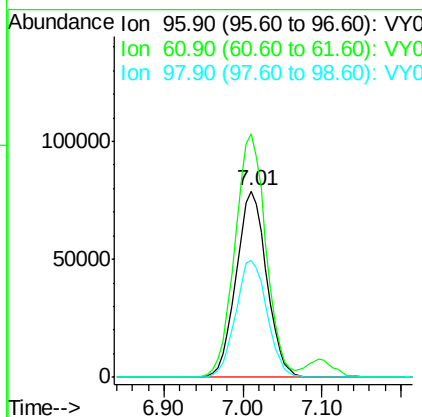
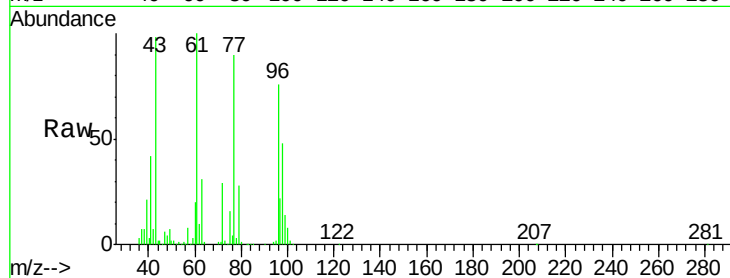
cis-1,2-Dichloroethene
 Concen: 53.958 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	96	Resp:	212510
Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	266.6
98	64.9	0.0	129.2

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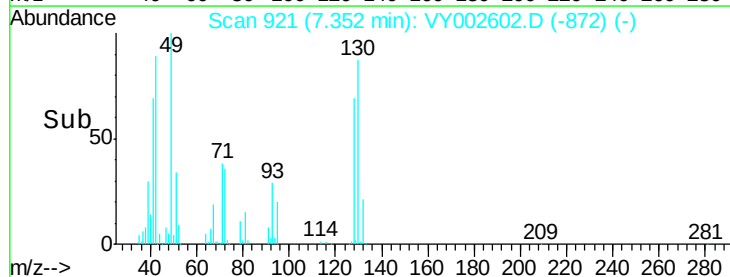
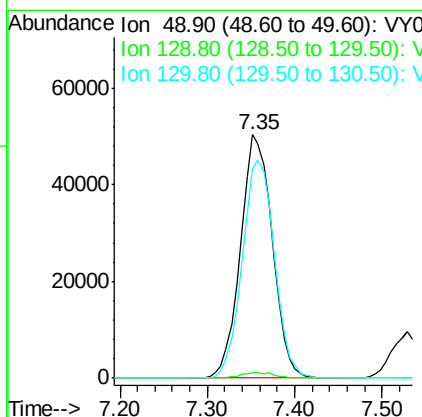
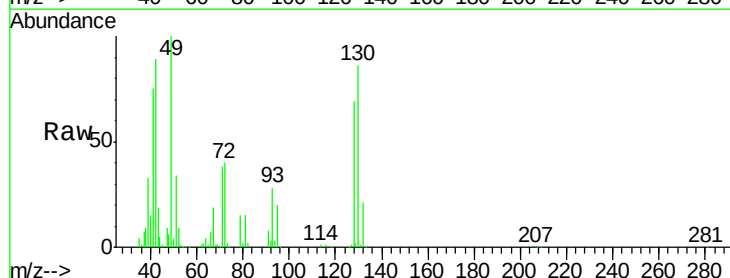
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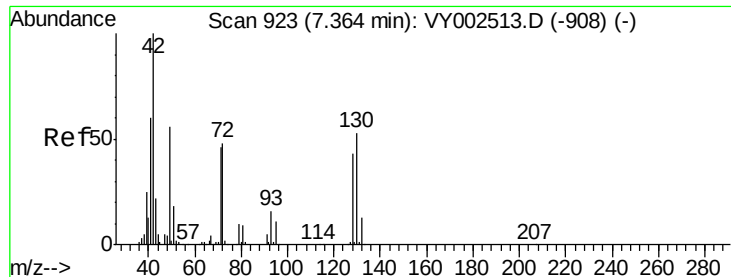


#28

Bromochloromethane
 Concen: 54.808 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion:	49	Resp:	127545
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	90.4	72.5	108.7





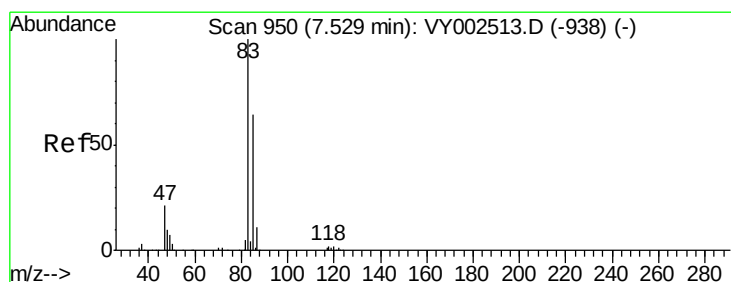
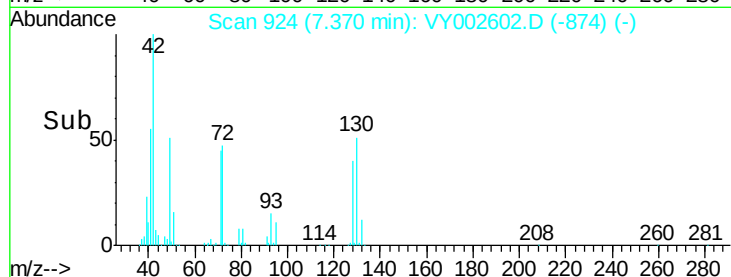
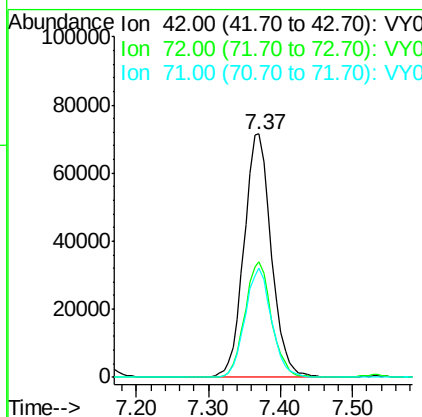
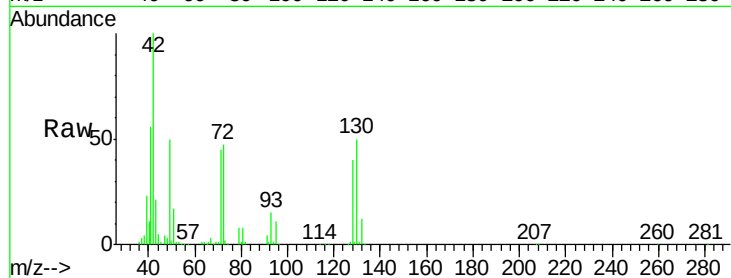
#29
Tetrahydrofuran
Concen: 265.522 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	37.4	56.2
71	43.3	35.0	52.4

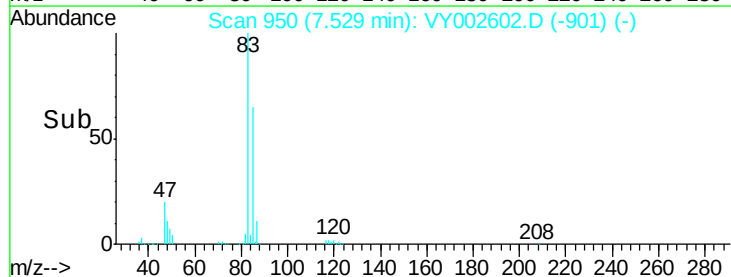
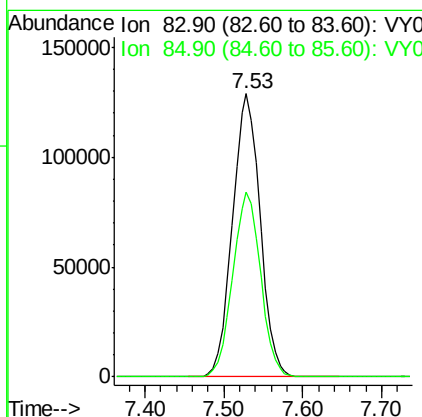
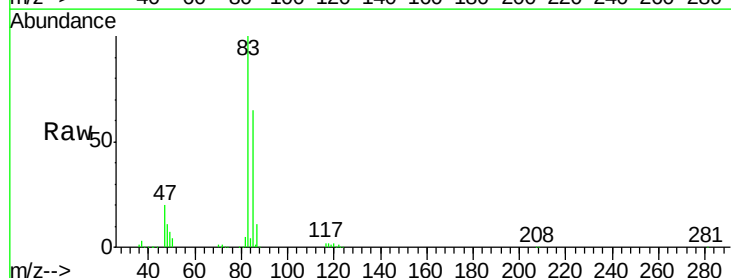
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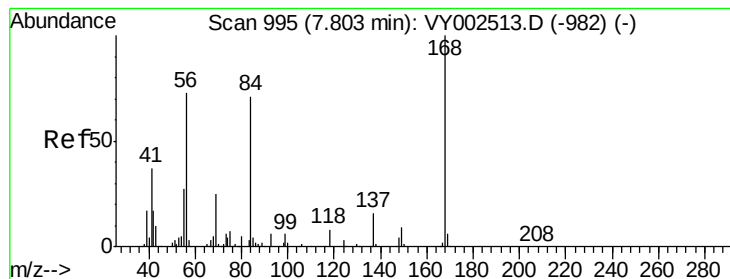
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#30
Chloroform
Concen: 53.134 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.5	77.3





#31

Cyclohexane

Concen: 53.263 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

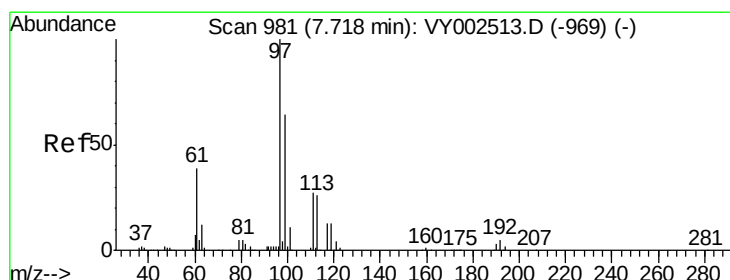
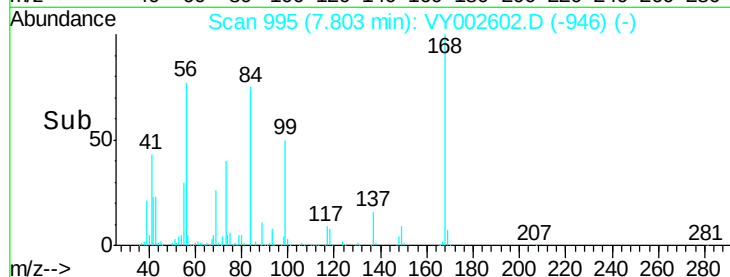
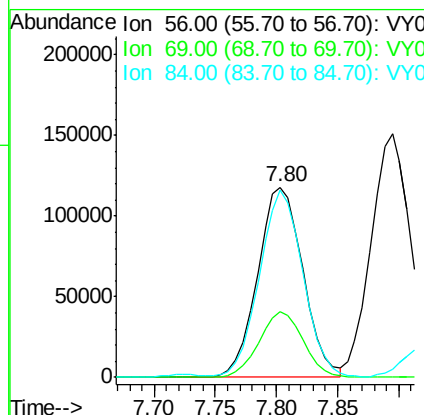
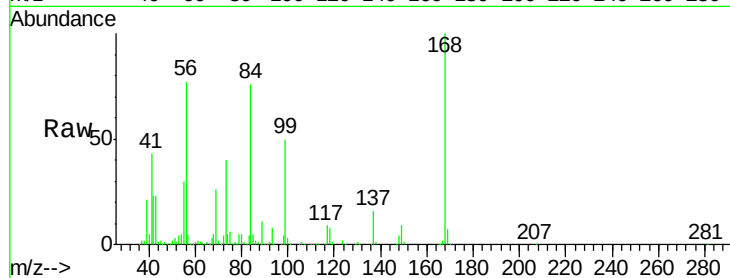
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	304517
Ion	Ratio	Lower	Upper
56	100		
69	34.3	27.6	41.4
84	97.2	77.7	116.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.194 ug/l

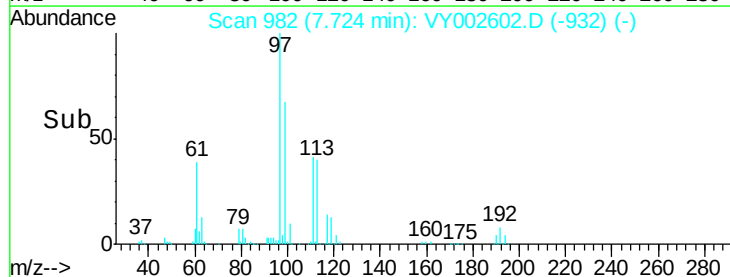
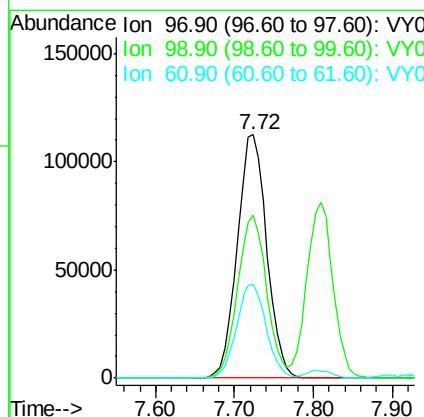
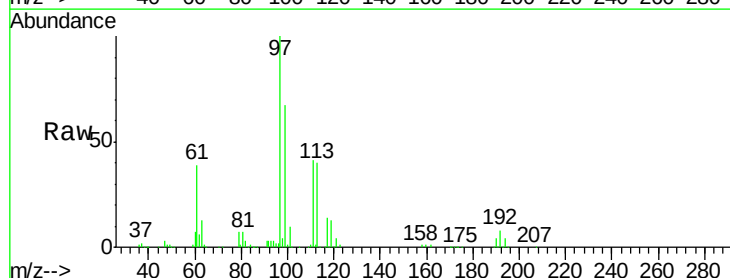
RT: 7.72 min Scan# 982

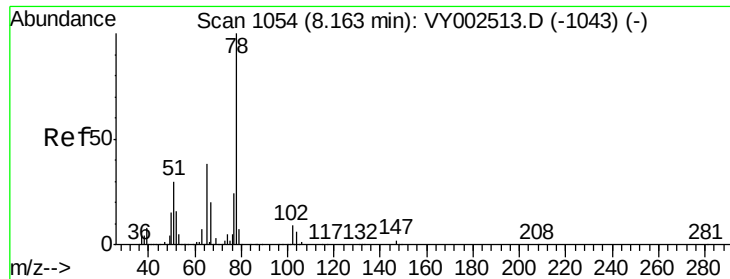
Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Tgt Ion:	97	Resp:	291994
Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.9	77.9
61	38.7	31.0	46.6





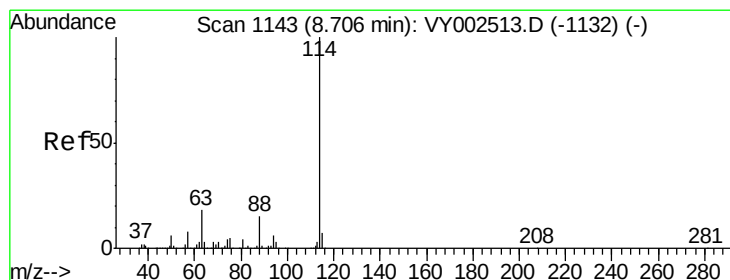
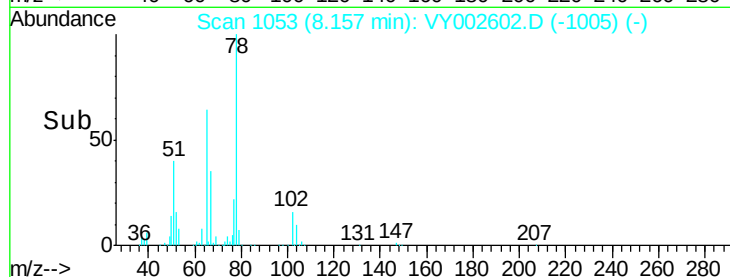
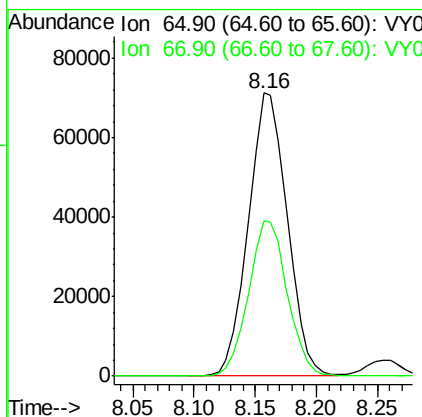
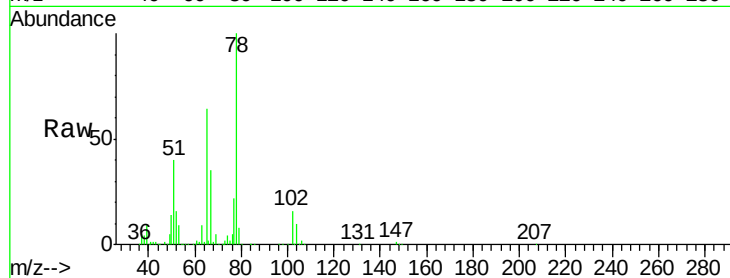
#33
 1,2-Dichloroethane-d4
 Concen: 49.636 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	157884		
67	54.4	0.0	107.2	

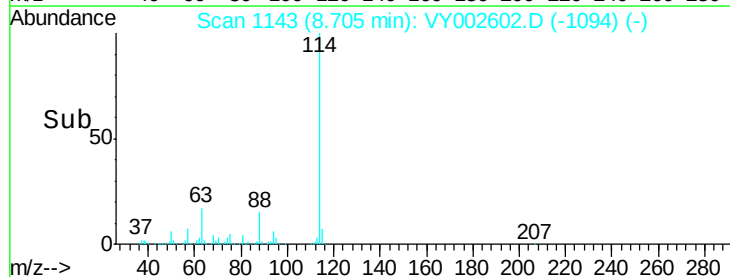
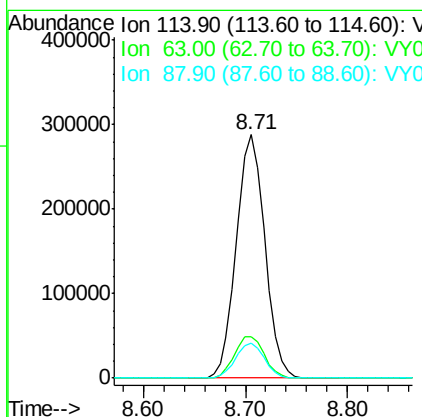
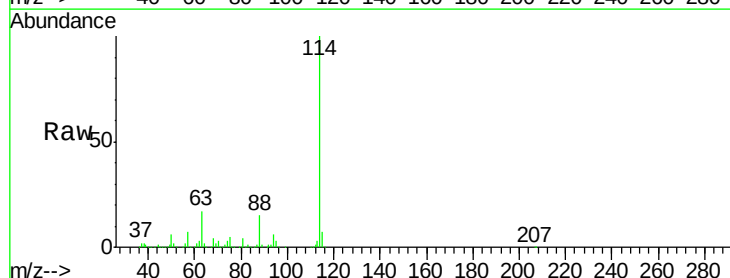
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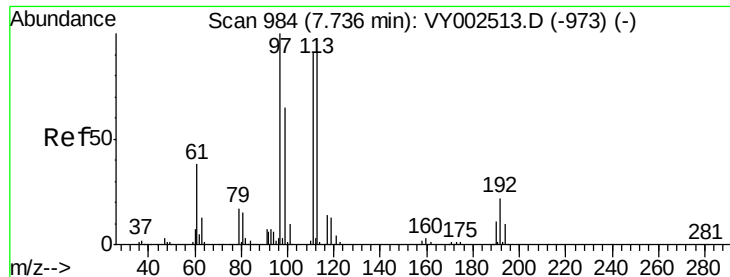
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	559149		
63	17.2	0.0	36.4	
88	14.5	0.0	29.6	





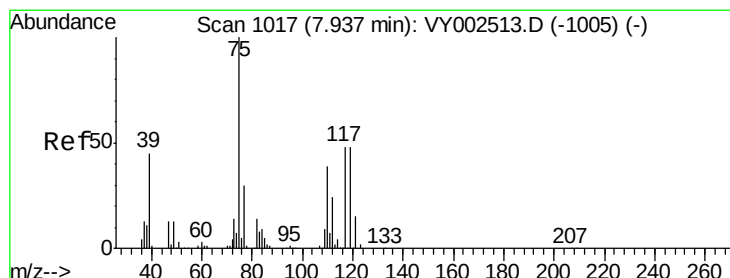
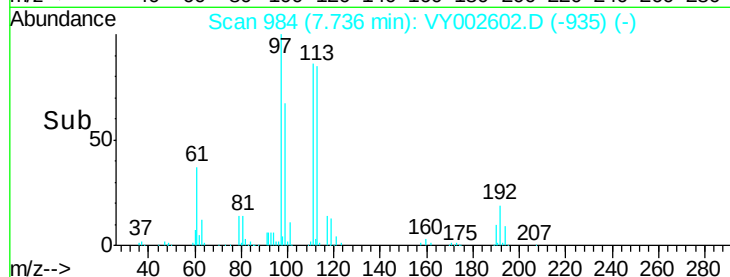
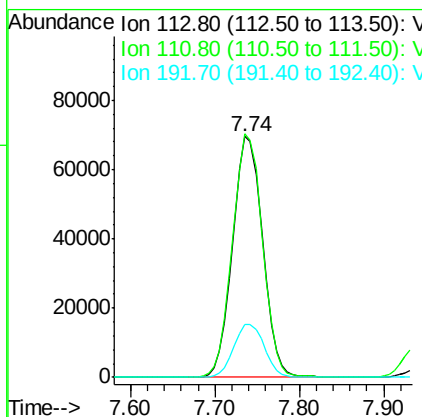
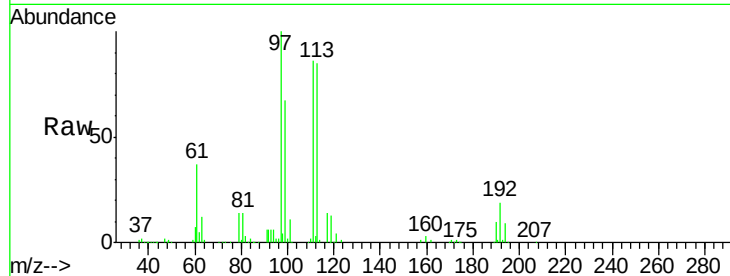
#35
 Dibromofluoromethane
 Concen: 52.527 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.6
192	22.5	18.2	27.4

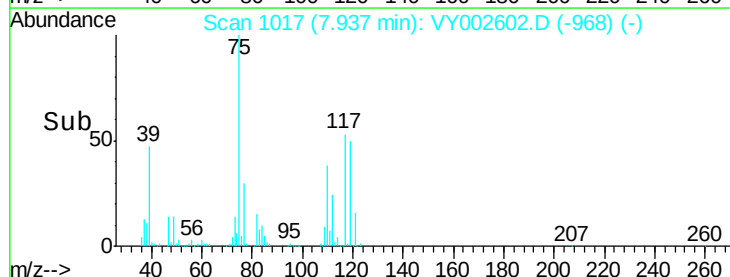
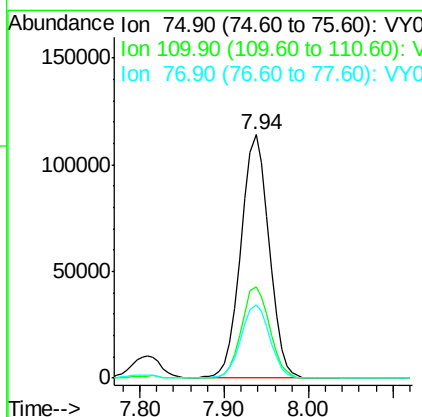
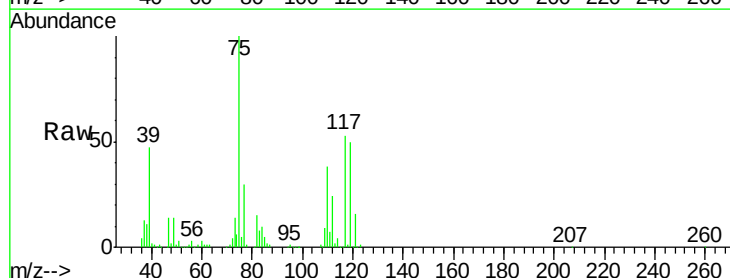
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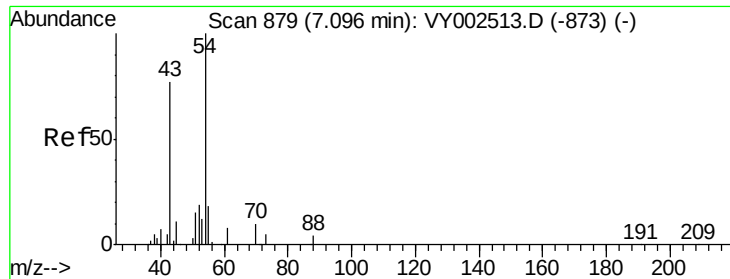
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#36
 1,1-Dichloropropene
 Concen: 54.861 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	19.1	57.3
77	30.9	24.6	37.0





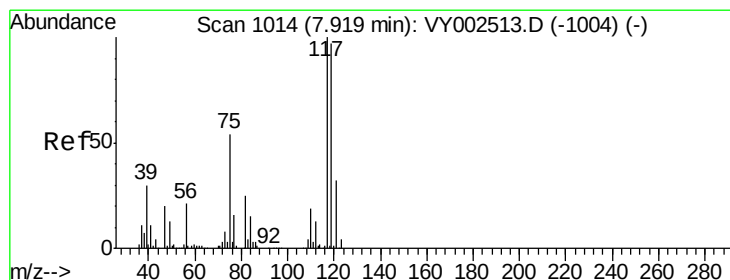
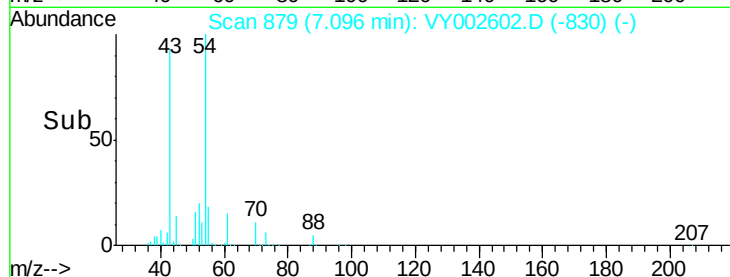
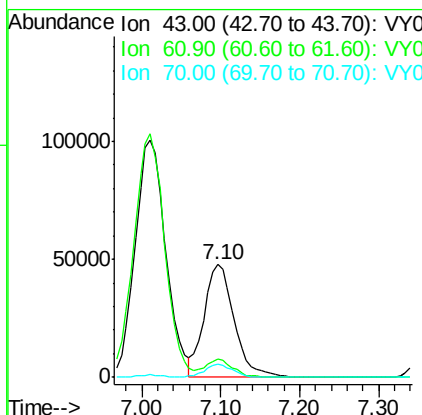
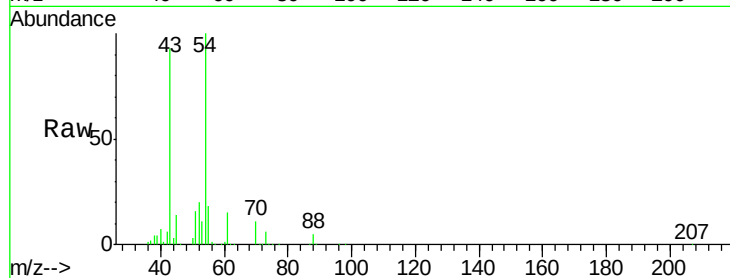
#37
Ethyl Acetate
Concen: 52.372 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.6	17.4
70	11.1	9.0	13.6

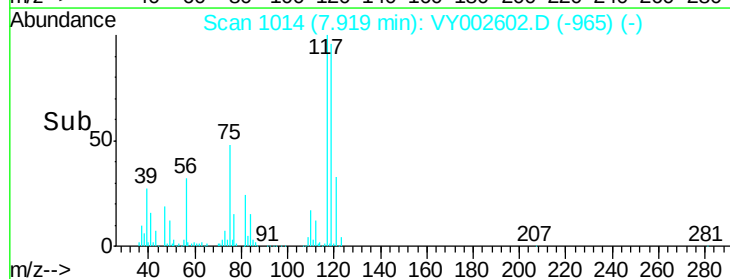
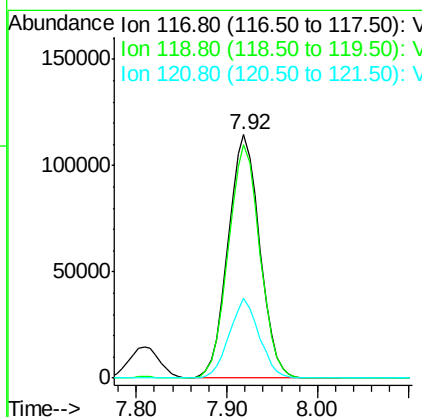
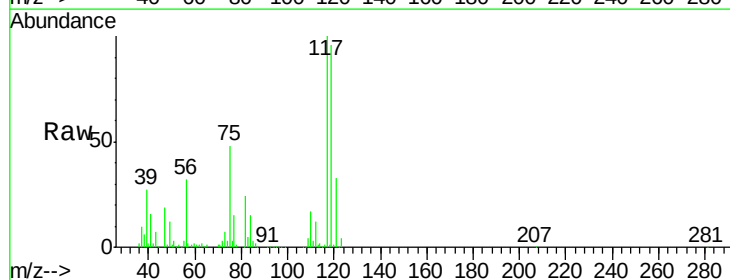
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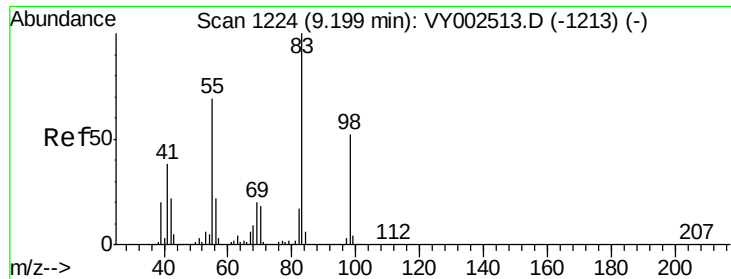
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#38
Carbon Tetrachloride
Concen: 54.211 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.1	115.7
121	32.9	25.2	37.8





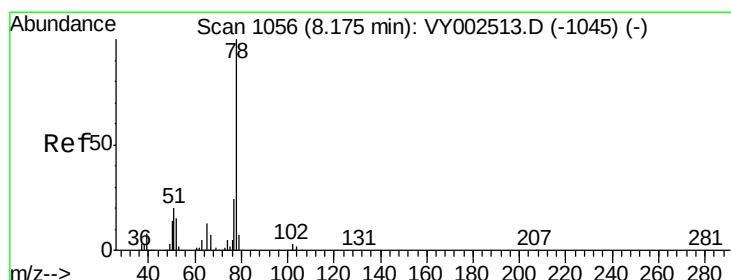
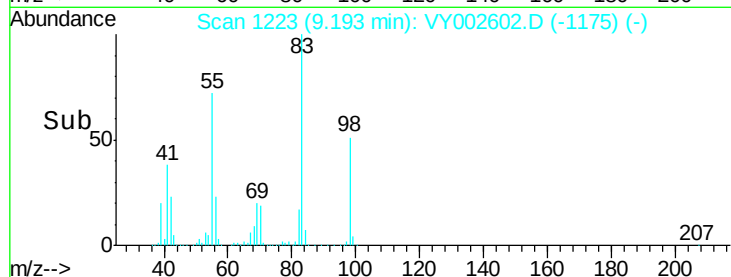
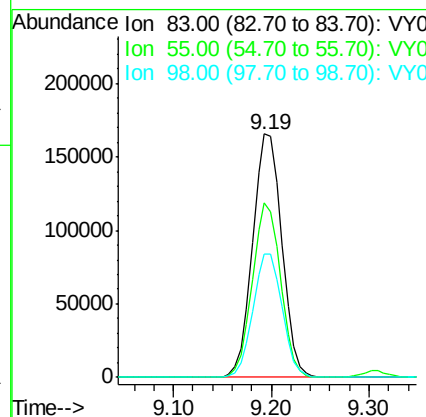
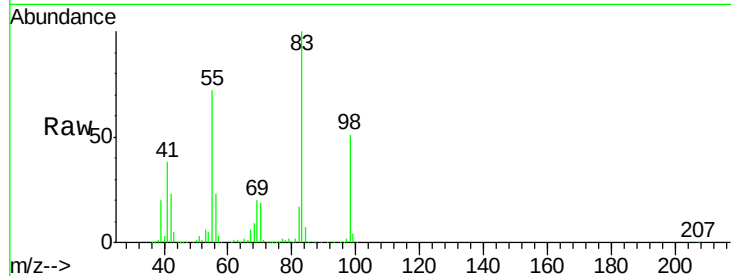
#39
Methylvlcyclohexane
Concen: 55.664 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	344621
Ion	Ratio	Lower	Upper
83	100		
55	71.5	55.4	83.0
98	50.6	41.3	61.9

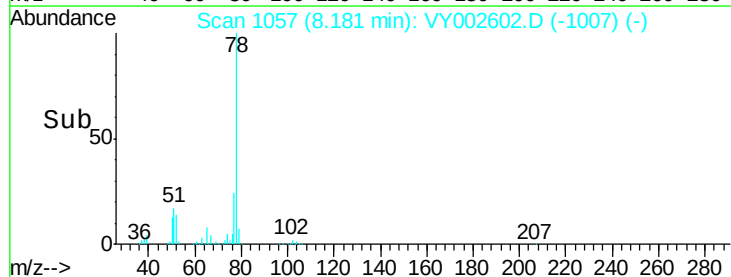
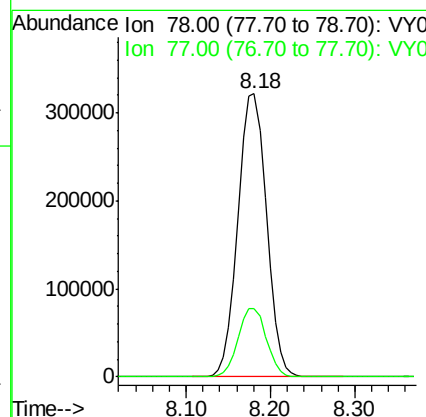
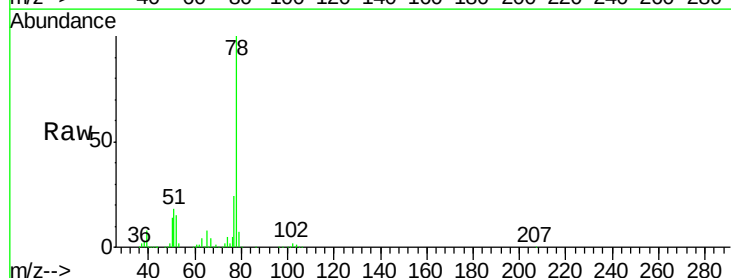
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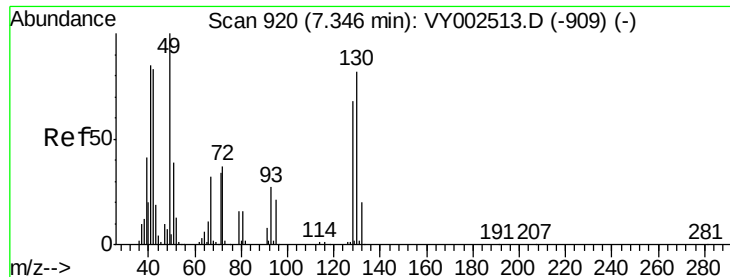
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#40
Benzene
Concen: 54.515 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion	78	Resp	738041
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8





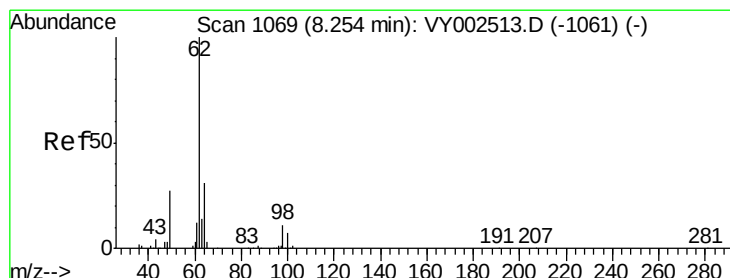
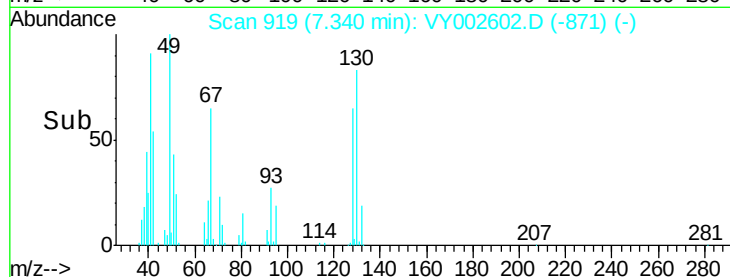
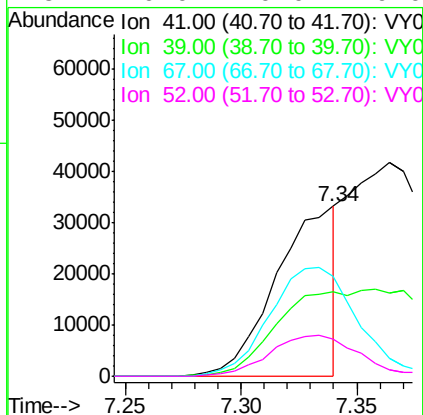
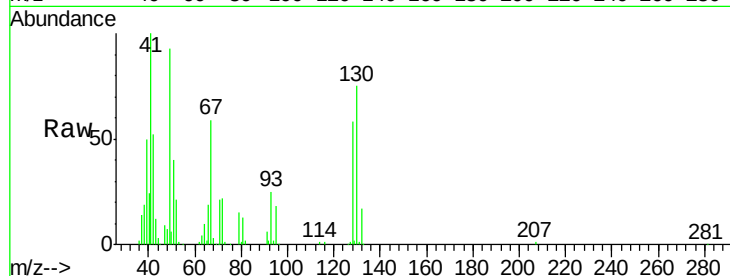
#41
Methacrylonitrile
Concen: 46.910 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	60753
Ion	Ratio	Lower	Upper
41	100		
39	127.4	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

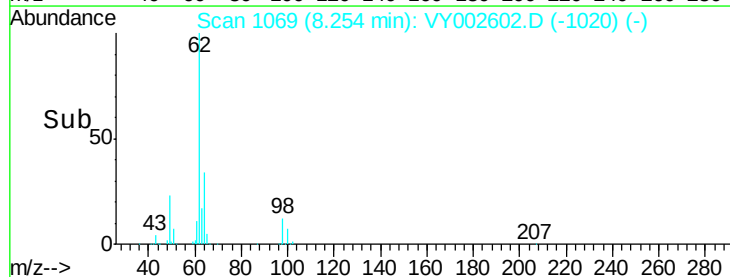
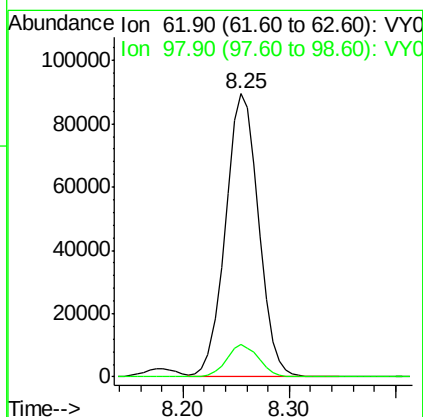
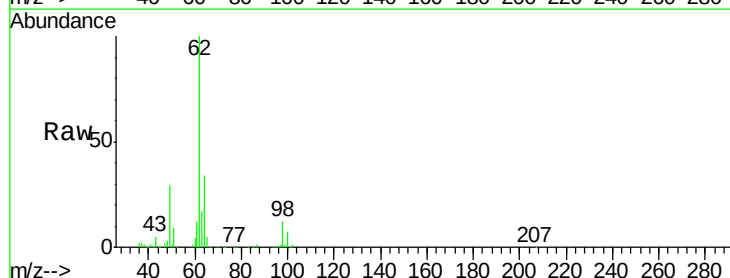
Manual Integrations
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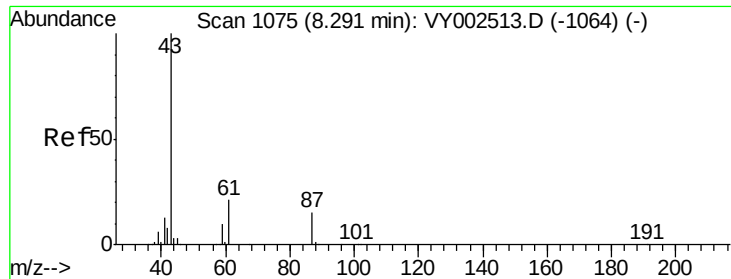
MMDadoda
5/7/2020 10:35:21 AM



#42
1,2-Dichloroethane
Concen: 51.368 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion	62	Resp	195068
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.0





#43

Isopropyl Acetate

Concen: 53.115 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

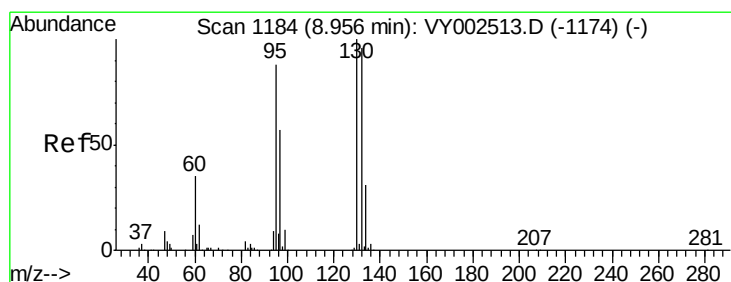
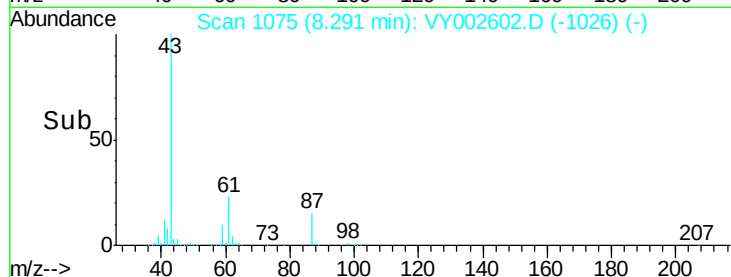
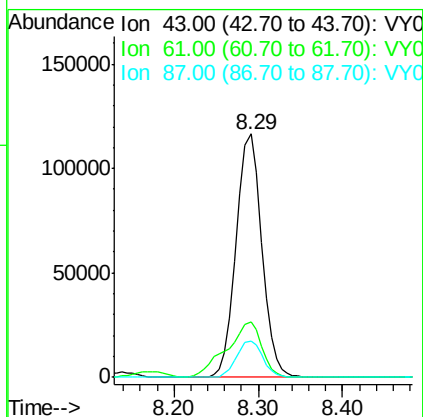
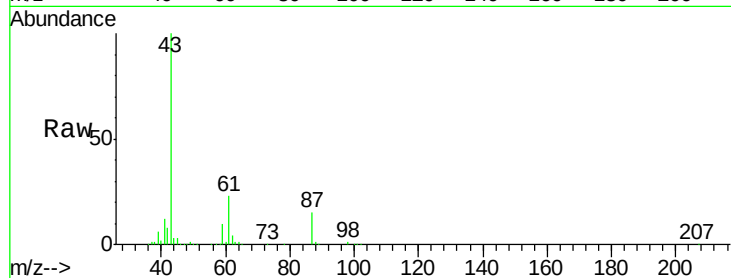
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	239854
Ion	Ratio	Lower	Upper
43	100		
61	31.2	24.8	37.2
87	15.3	12.2	18.2

Manual Integrations
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#44

Trichloroethene

Concen: 54.993 ug/l

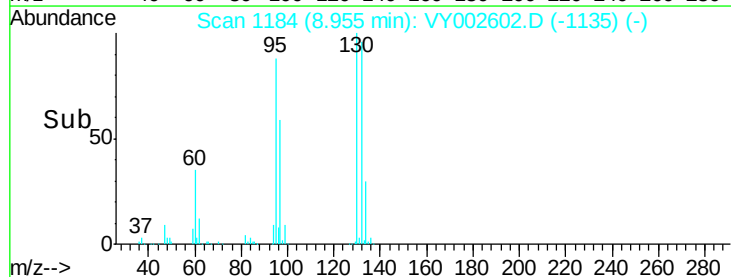
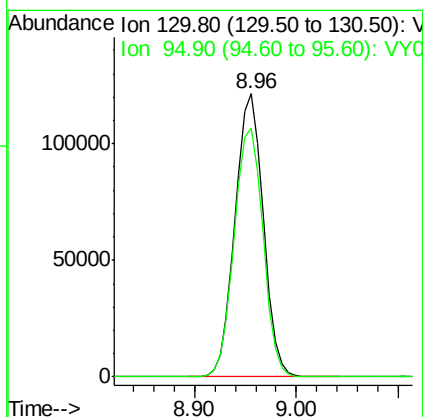
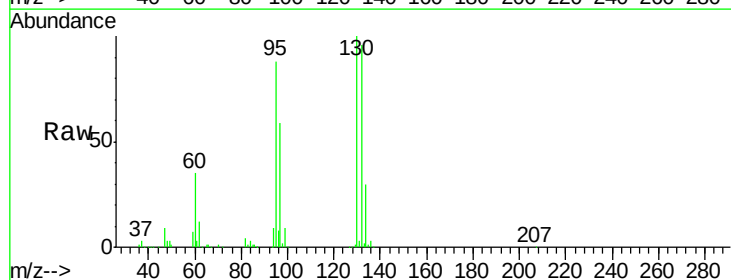
RT: 8.96 min Scan# 1184

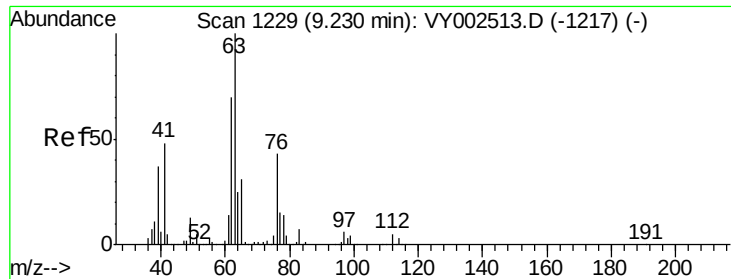
Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Tgt Ion:	130	Resp:	232671
Ion	Ratio	Lower	Upper
130	100		
95	88.0	0.0	175.8





#45

1,2-Dichloropropane

Concen: 54.753 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 178898

Ion Ratio Lower Upper

63 100

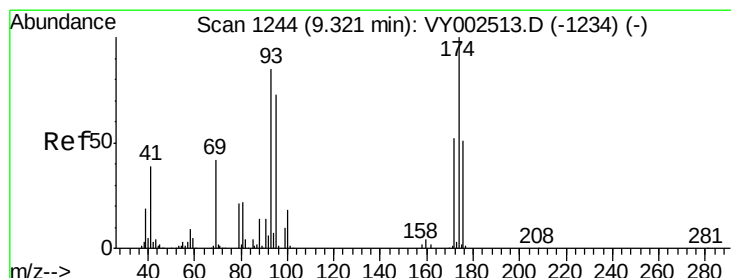
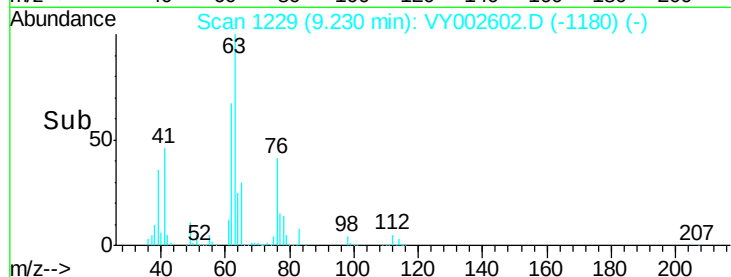
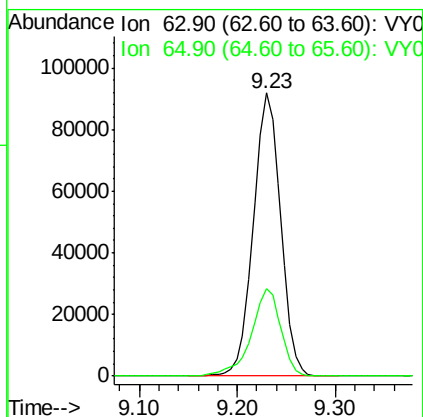
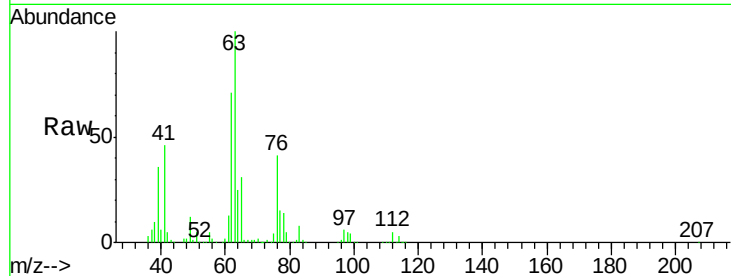
65 31.0 24.5 36.7

Manual Integrations

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MMDadoda

5/7/2020 10:35:21 AM



#46

Dibromomethane

Concen: 53.108 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

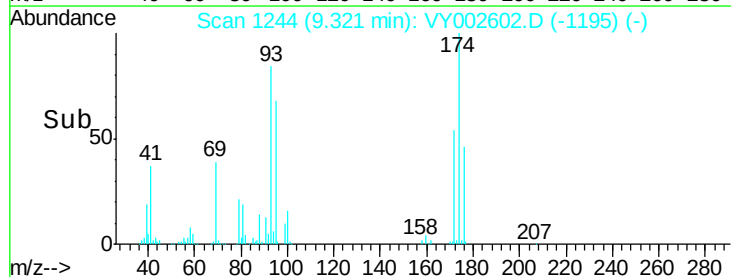
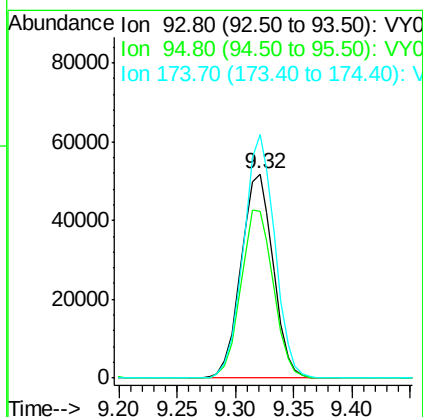
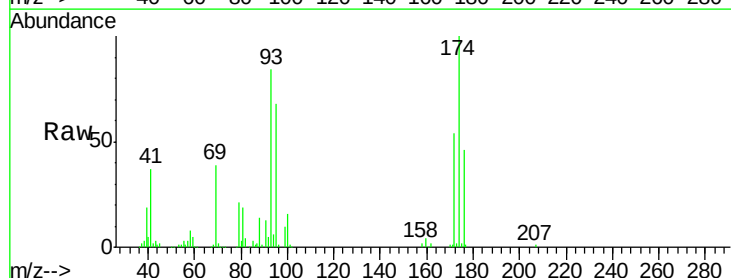
Tgt Ion: 93 Resp: 99839

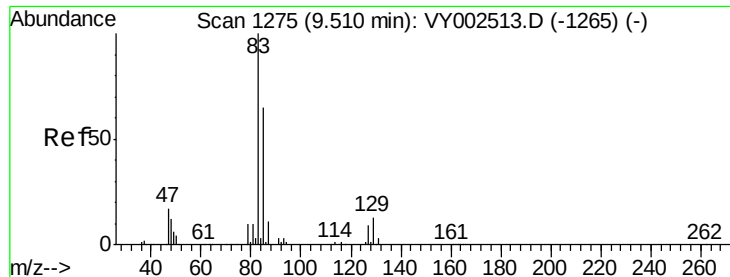
Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.4

174 116.1 92.7 139.1





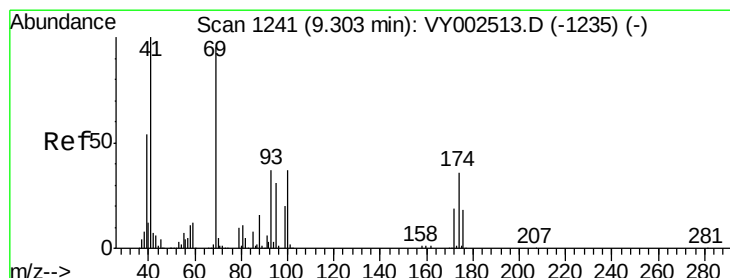
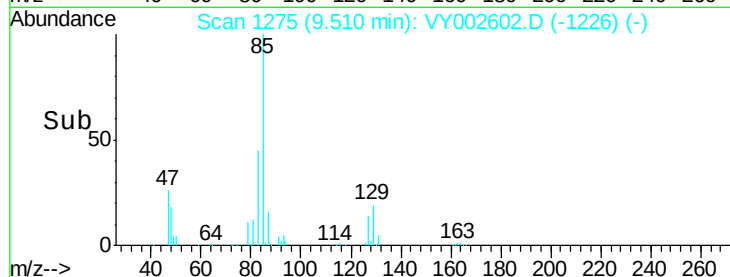
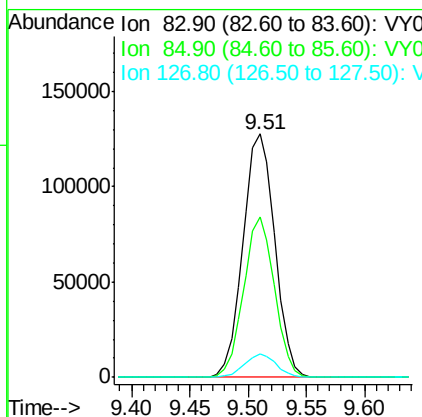
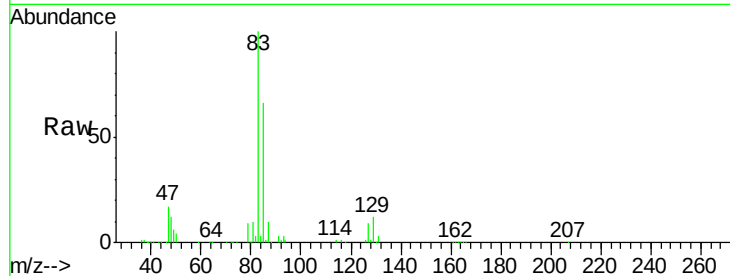
#47
Bromodichloromethane
Concen: 53.367 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	83	Resp:	243944
Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.8	77.8
127	9.4	7.4	11.0

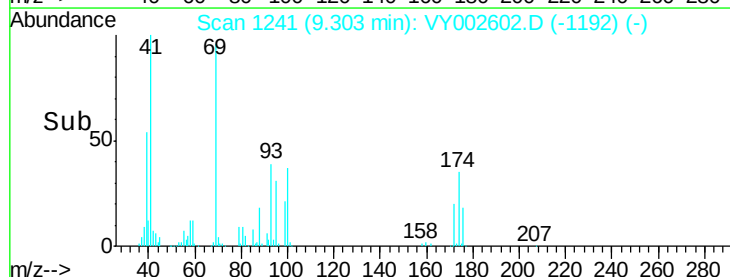
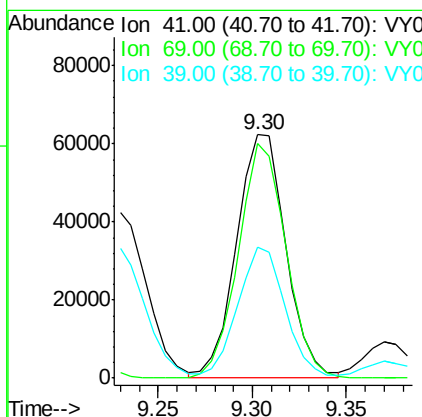
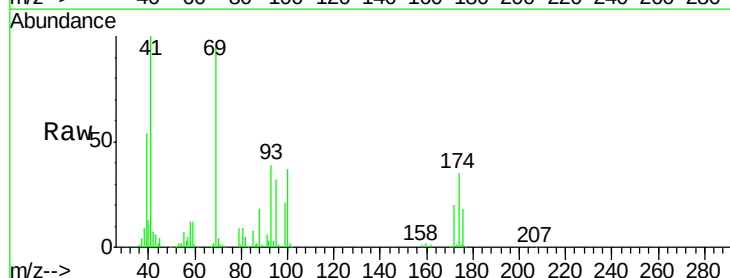
Manual Integrations
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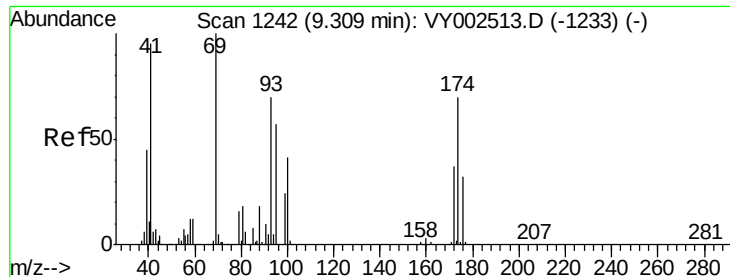
MMDadoda
5/7/2020 10:35:21 AM



#48
Methyl methacrylate
Concen: 55.587 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion:	41	Resp:	113602
Ion	Ratio	Lower	Upper
41	100		
69	93.0	76.2	114.4
39	48.9	42.7	64.1





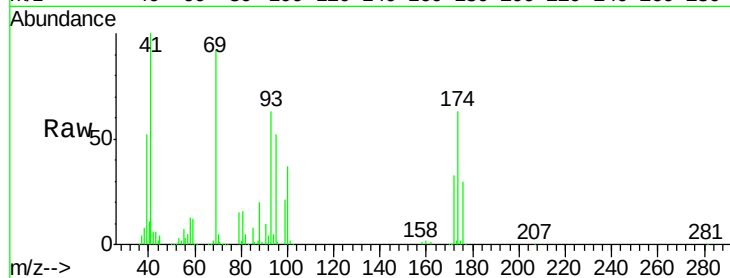
#49
1,4-Dioxane
Concen: 1070.316 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.1	22.8	34.2
58	65.5	51.4	77.2

Manual Integrations
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MMDadoda
5/7/2020 10:35:21 AM

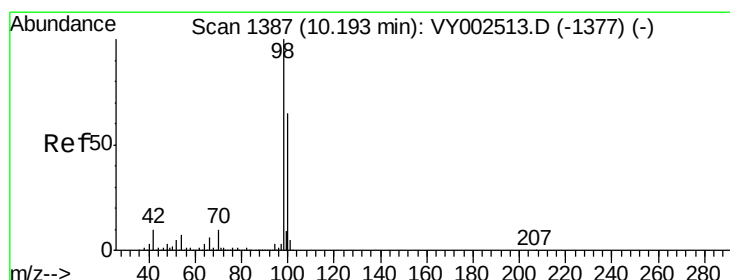
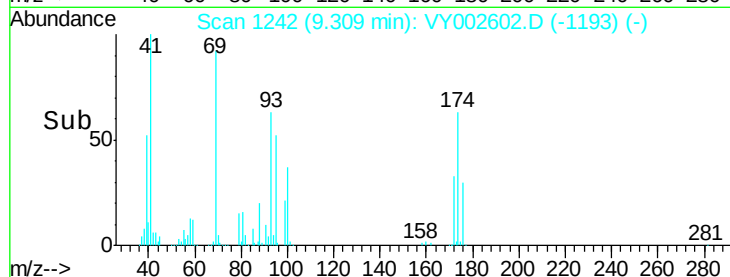
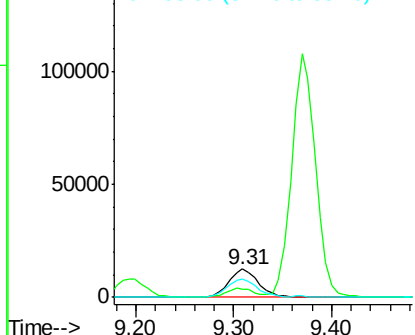


Abundance

Ion 88.00 (87.70 to 88.70): VY002602.D (-1193) (-)

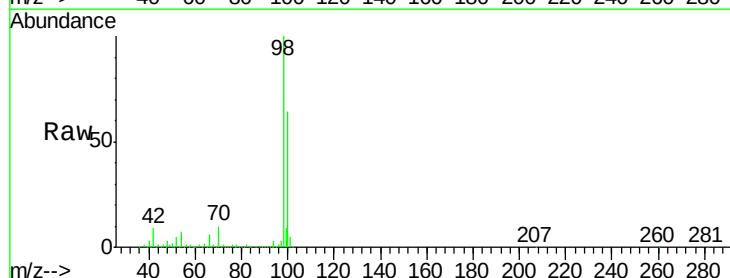
Ion 43.00 (42.70 to 43.70): VY002602.D (-1193) (-)

Ion 58.00 (57.70 to 58.70): VY002602.D (-1193) (-)



#50
Toluene-d8
Concen: 52.663 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

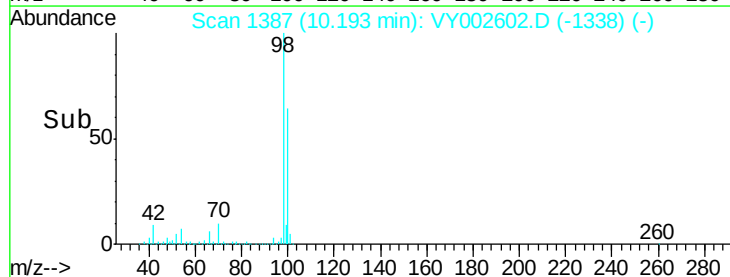
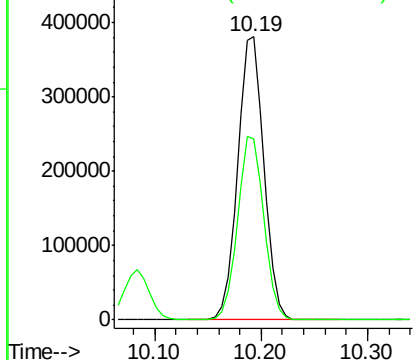
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2

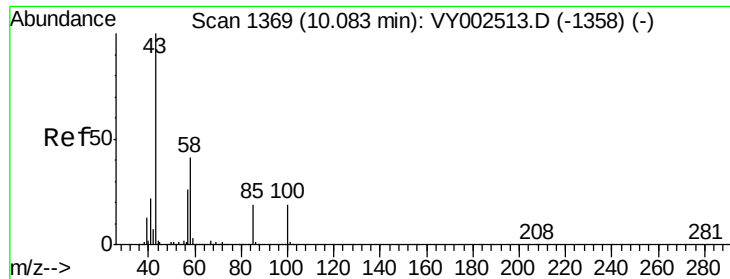


Abundance

Ion 98.00 (97.70 to 98.70): VY002602.D (-1338) (-)

Ion 100.00 (99.70 to 100.70): VY002602.D (-1338) (-)





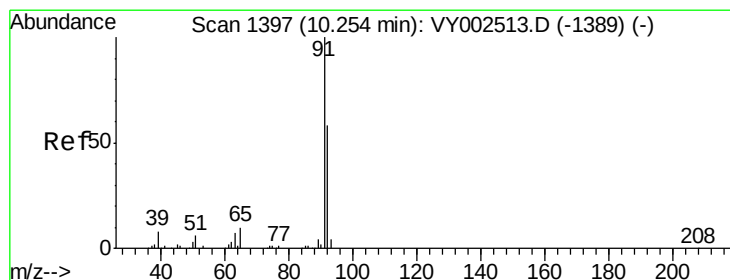
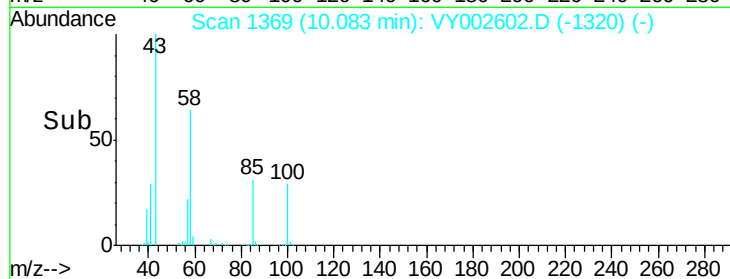
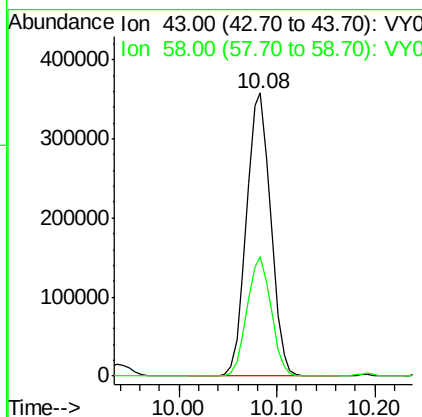
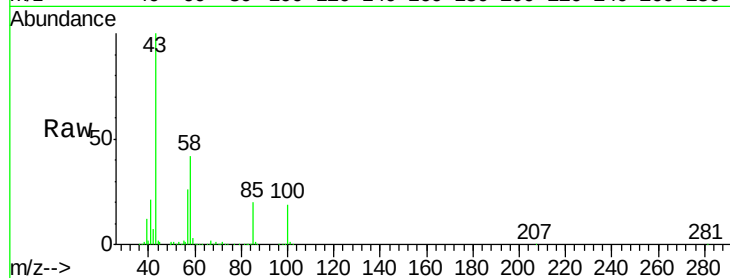
#51
 4-Methyl-2-Pentanone
 Concen: 265.339 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 617594
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.2 49.8

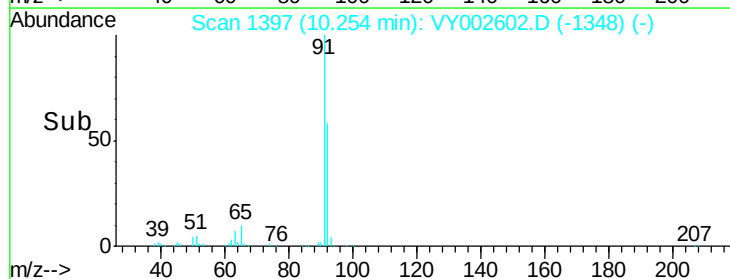
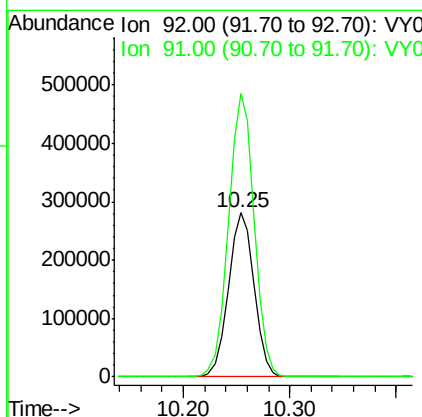
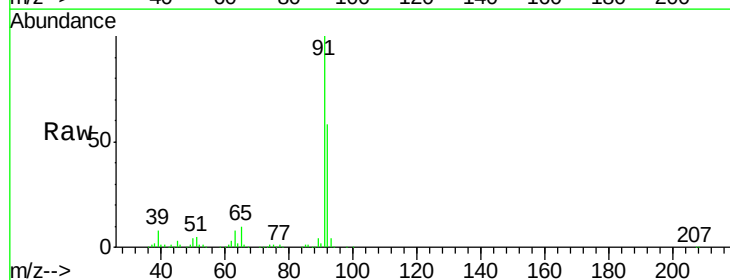
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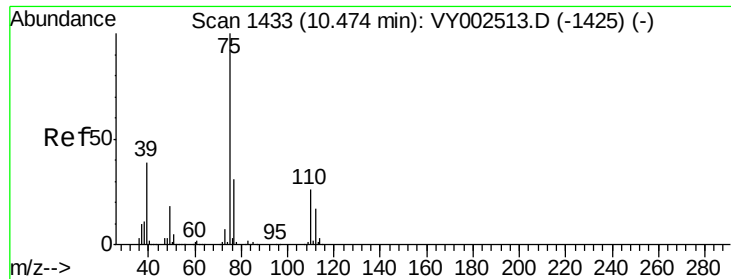
MMDadoda
 5/7/2020 10:35:21 AM



#52
 Toluene
 Concen: 54.438 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion: 92 Resp: 473648
 Ion Ratio Lower Upper
 92 100
 91 172.6 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 53.874 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 258024

Ion Ratio Lower Upper

75 100

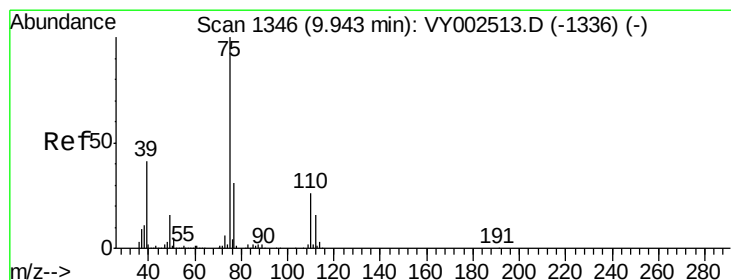
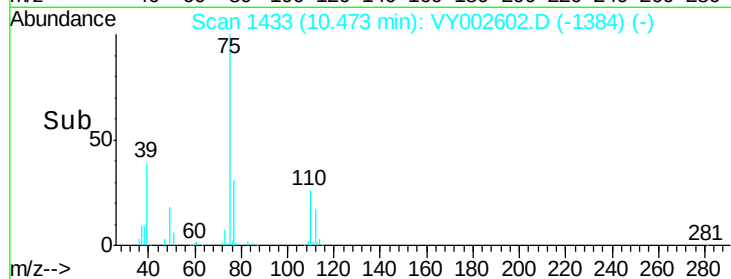
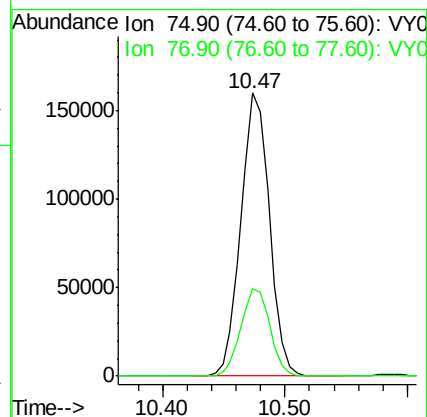
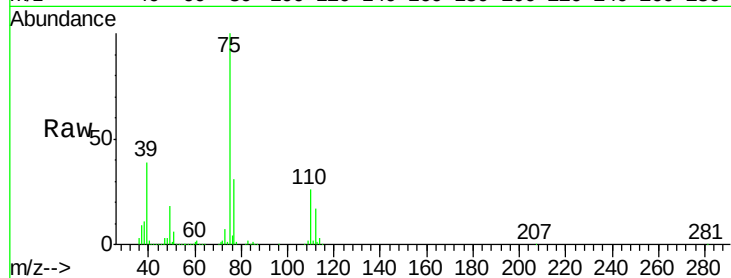
77 30.9 25.0 37.6

Manual Integrations

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MMDadoda

5/7/2020 10:35:21 AM



#54

cis-1,3-Dichloropropene

Concen: 54.475 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

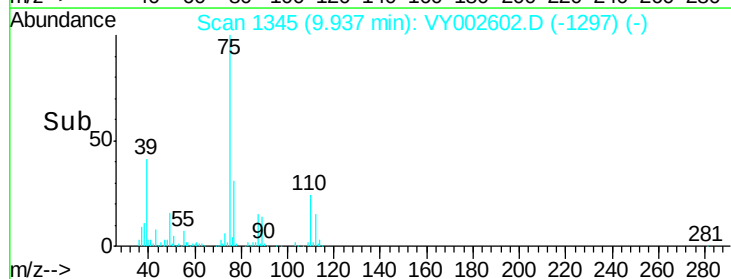
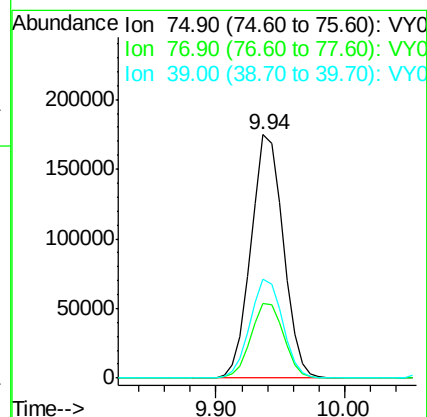
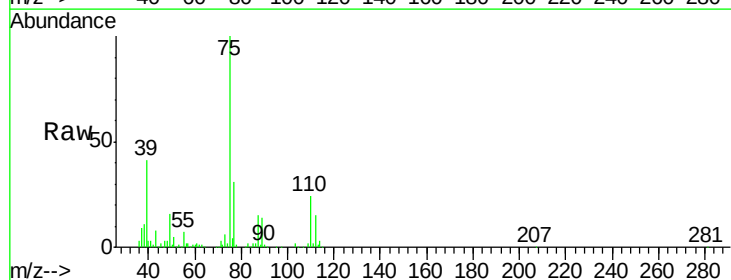
Tgt Ion: 75 Resp: 301615

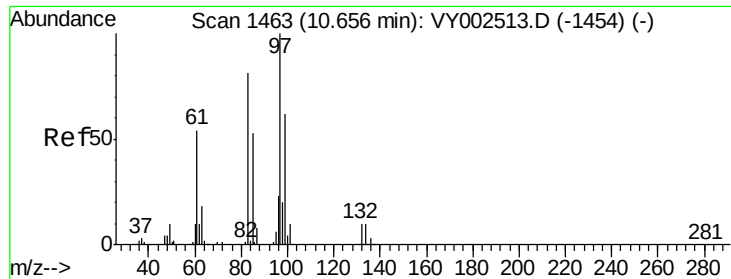
Ion Ratio Lower Upper

75 100

77 30.9 25.1 37.7

39 40.5 32.7 49.1





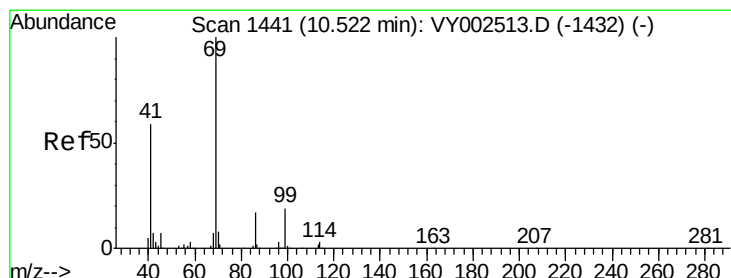
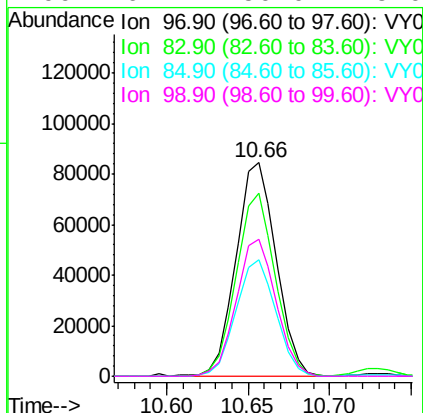
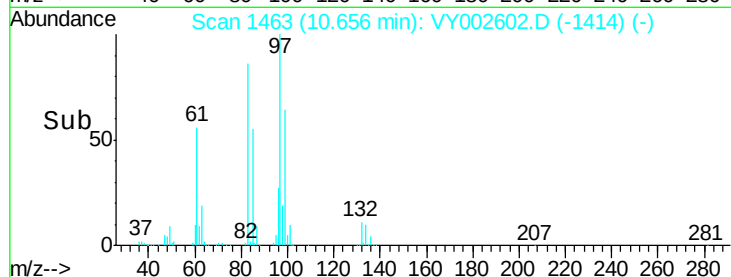
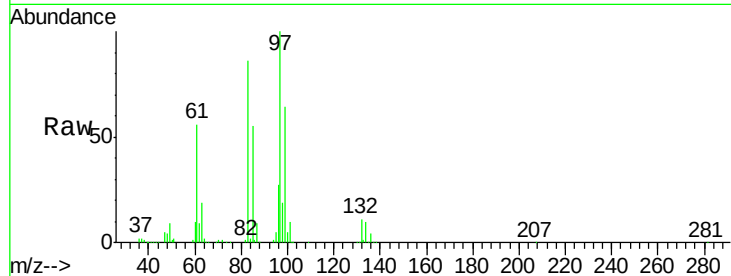
#55
 1,1,2-Trichloroethane
 Concen: 52.490 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		143900		
83	85.7	65.1	97.7		
85	54.9	42.7	64.1		
99	64.2	50.0	75.0		

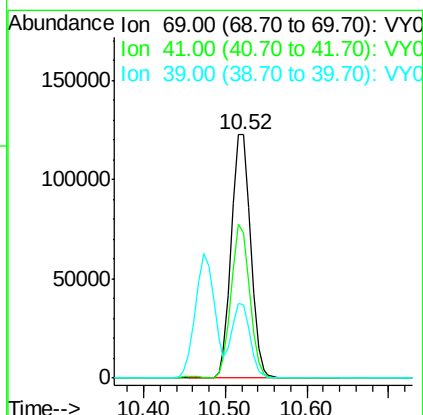
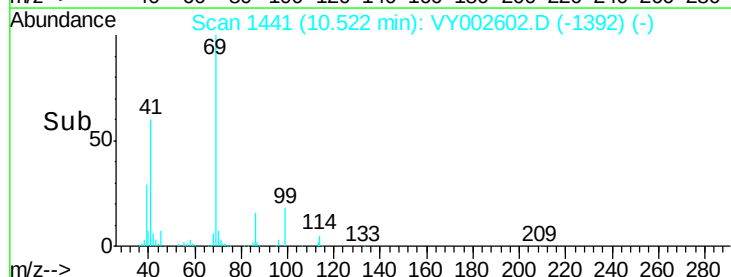
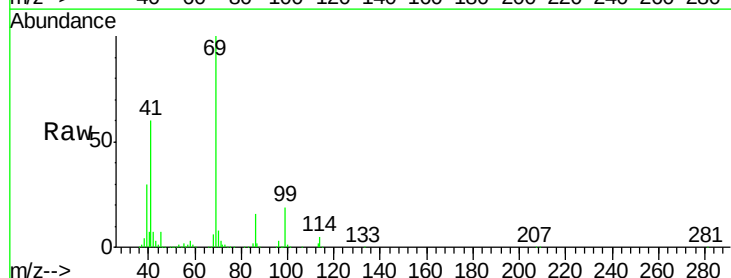
Manual Integrations
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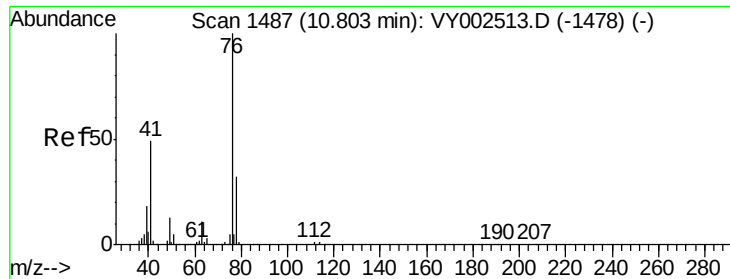
MMDadoda
 5/7/2020 10:35:21 AM



#56
 Ethyl methacrylate
 Concen: 54.562 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		198988		
41	60.2	48.6	73.0		
39	29.1	25.0	37.4		





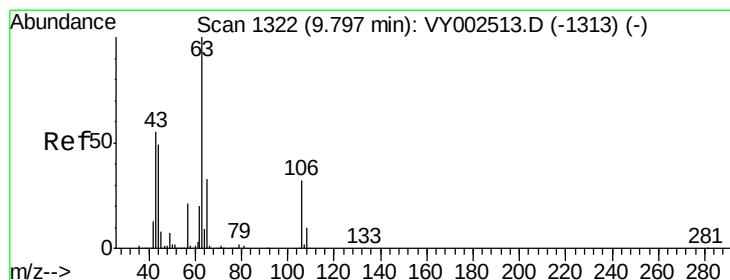
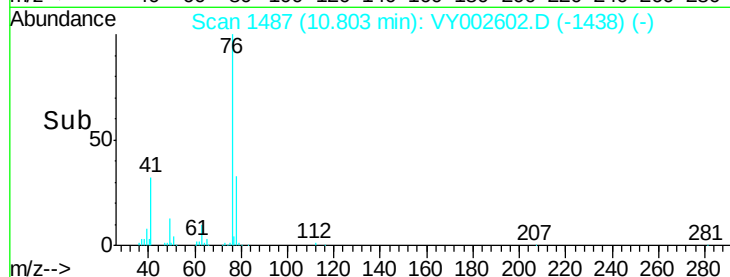
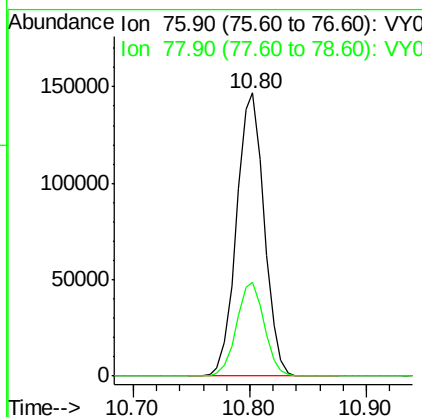
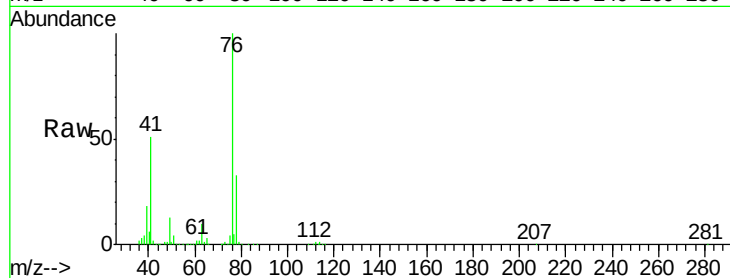
#57
 1,3-Dichloropropane
 Concen: 52.206 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.4	38.2

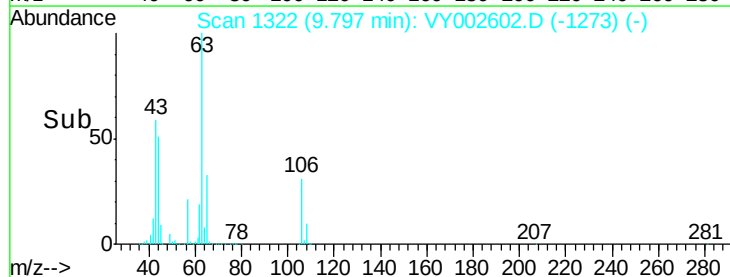
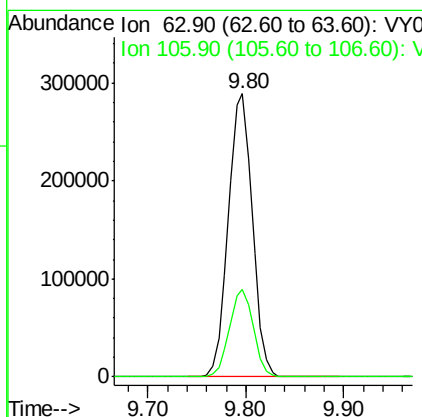
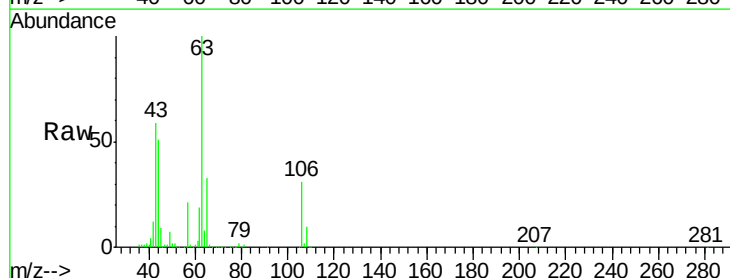
Manual Integrations
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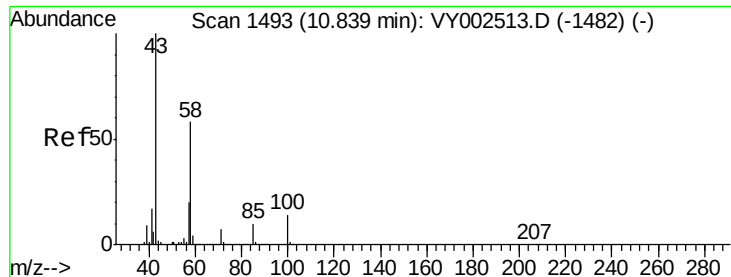
MMDadoda
 5/7/2020 10:35:21 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.148 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	25.2	37.8





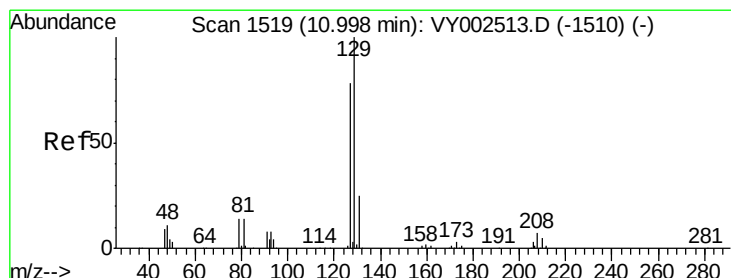
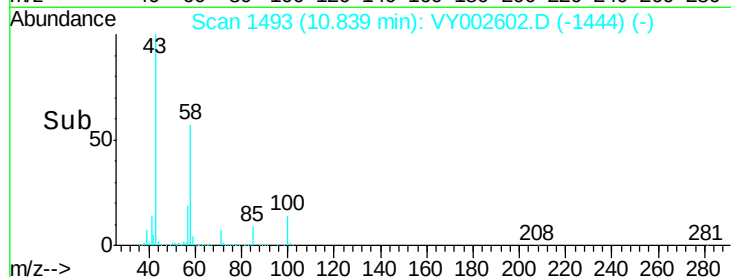
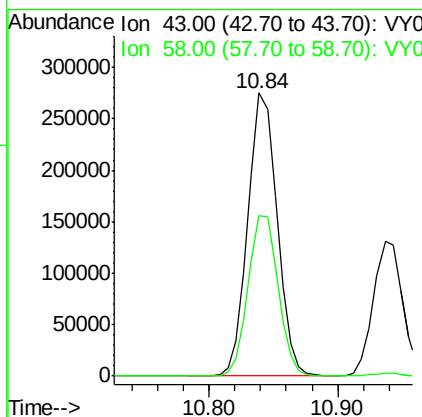
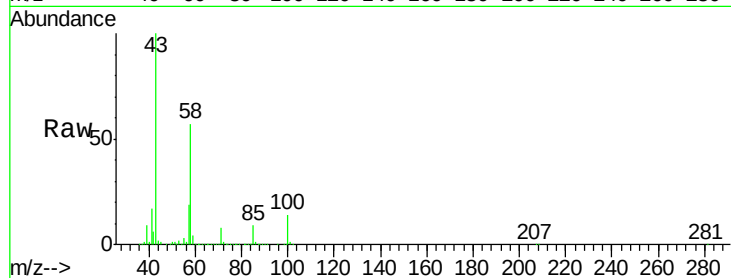
#59
2-Hexanone
Concen: 269.421 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	431611
Ion Ratio	100	Lower	Upper
58	58.3	29.1	87.3

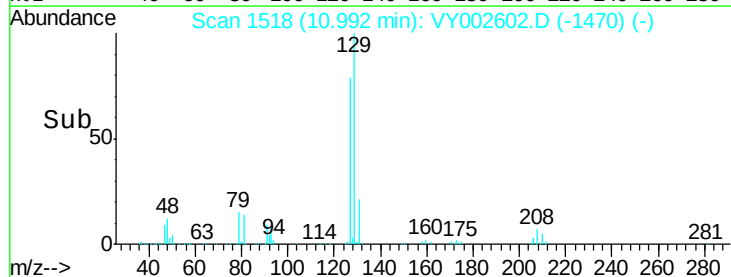
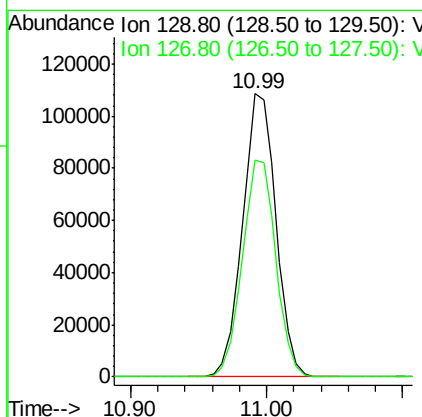
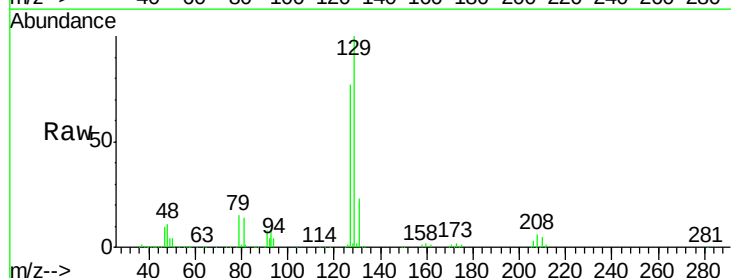
Manual Integrations
APPROVED

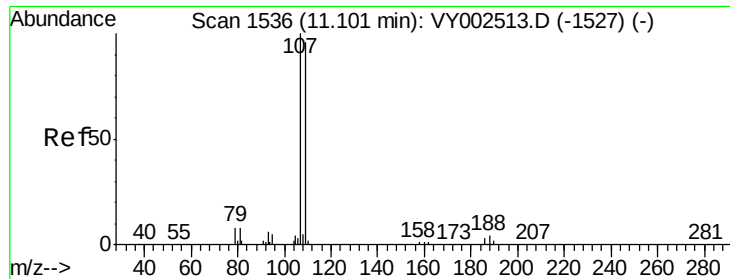
MMDadoda
5/7/2020 10:35:21 AM



#60
Dibromochloromethane
Concen: 53.338 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion	129	Resp	185977
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
127	76.9	39.0	117.0





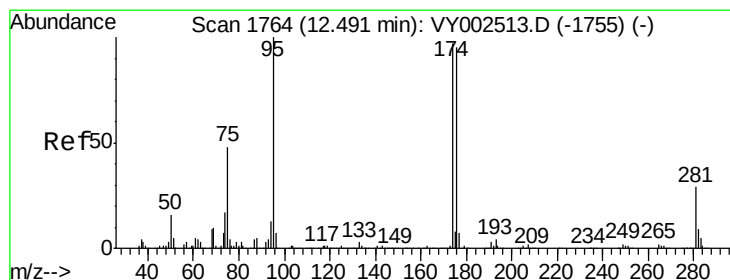
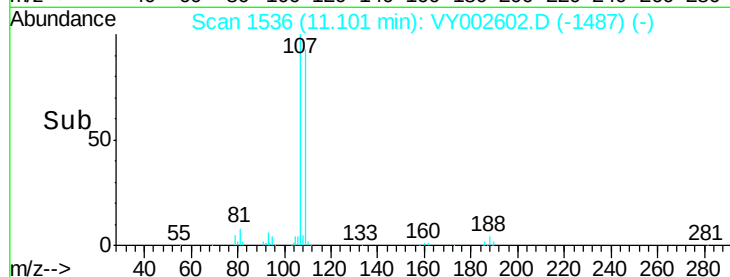
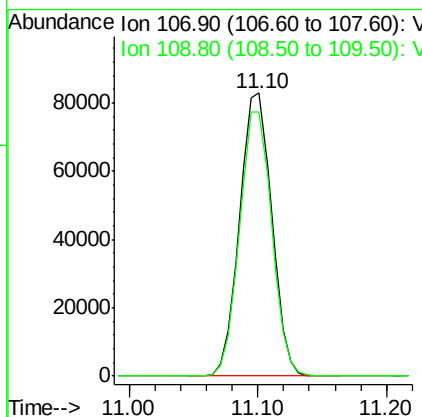
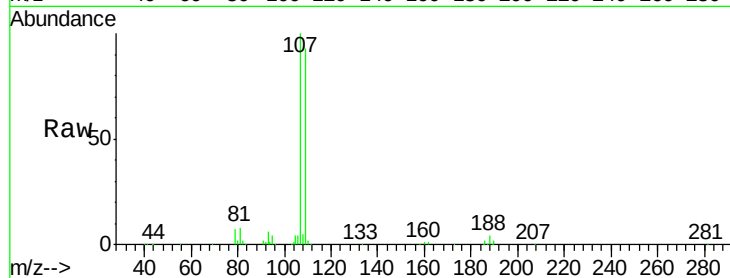
#61
 1,2-Dibromoethane
 Concen: 52.589 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.8	113.8

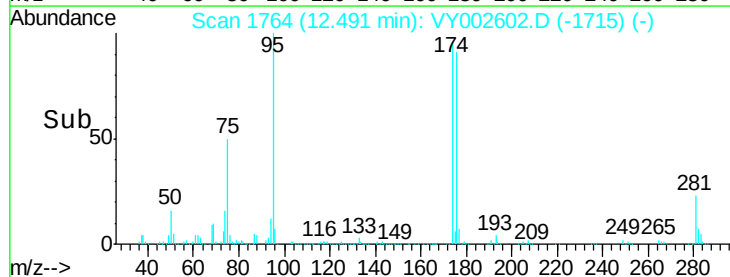
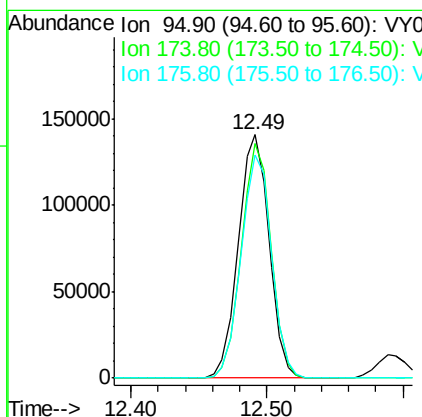
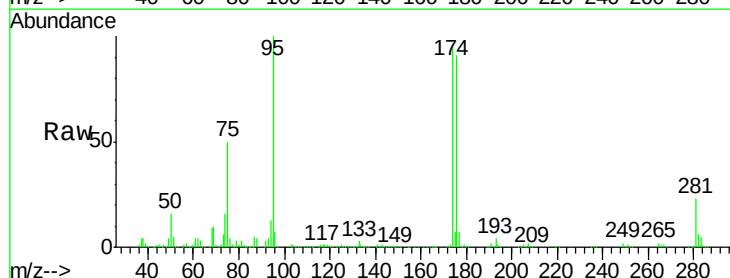
Manual Integrations
 APPROVED

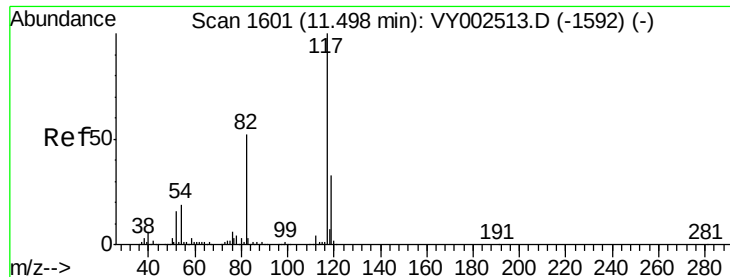
MMDadoda
 5/7/2020 10:35:21 AM



#62
 4-Bromofluorobenzene
 Concen: 52.200 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	188.8
176	91.3	0.0	183.2





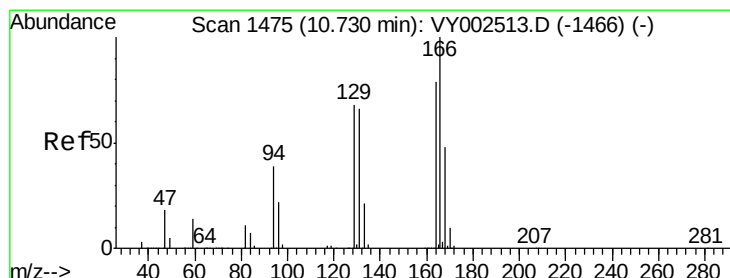
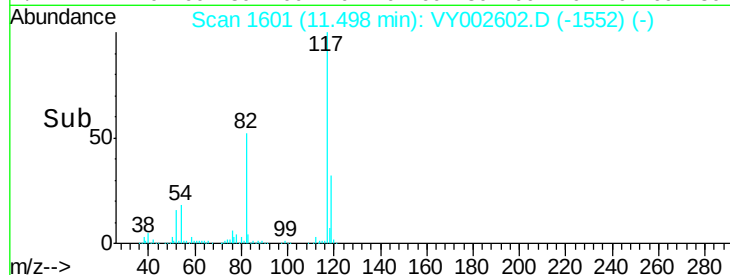
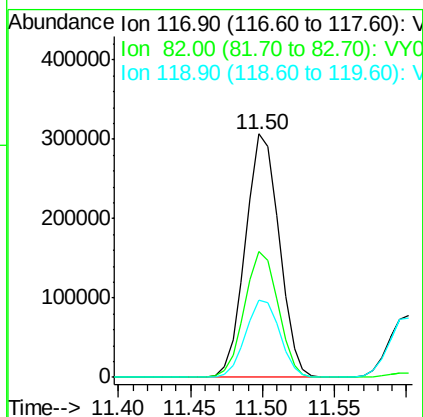
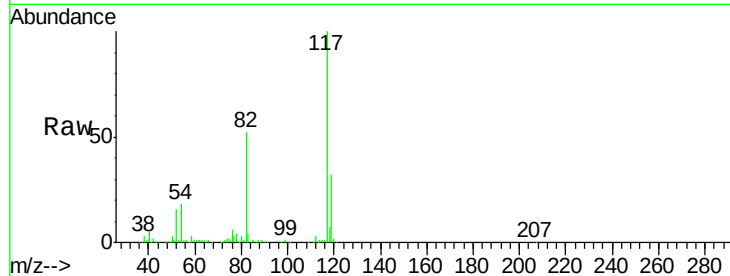
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	498240		
82	51.5		41.3	61.9
119	31.7		26.0	39.0

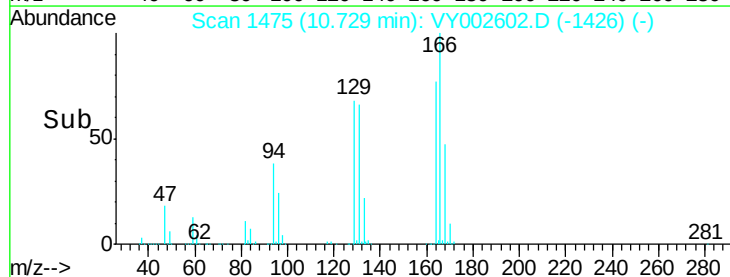
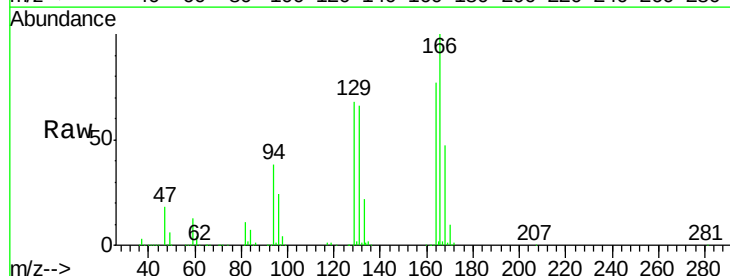
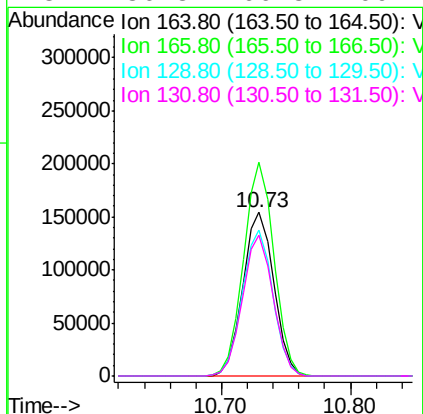
Manual Integrations
APPROVED

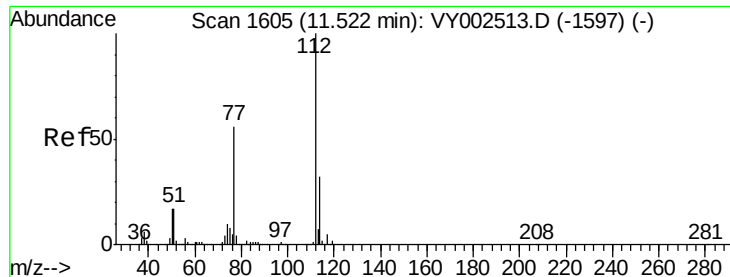
MMDadoda
5/7/2020 10:35:21 AM



#64
Tetrachloroethene
Concen: 57.554 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	254784		
166	130.7		100.7	151.1
129	89.4		68.3	102.5
131	86.3		66.8	100.2





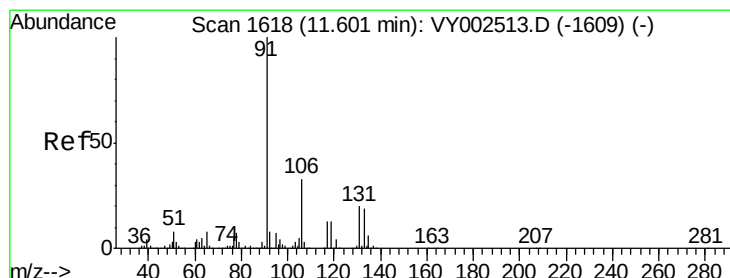
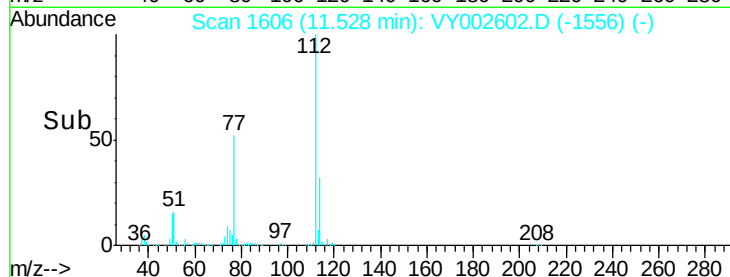
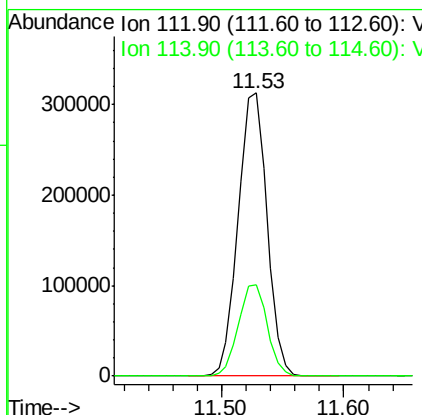
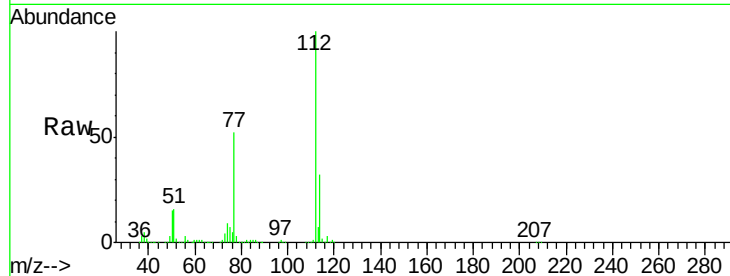
#65
Chlorobenzene
Concen: 54.059 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.8	38.6

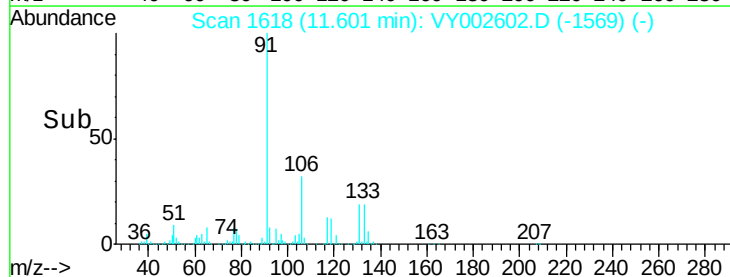
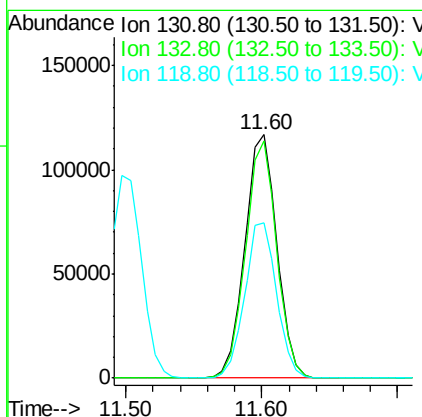
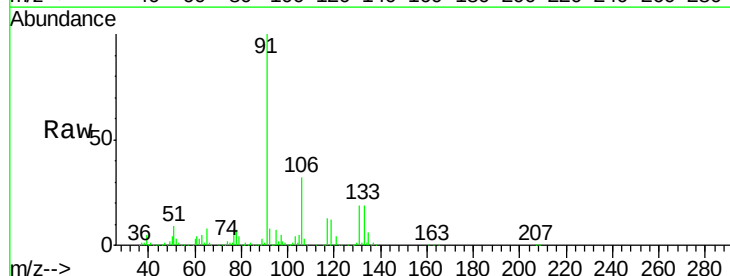
Manual Integrations
APPROVED

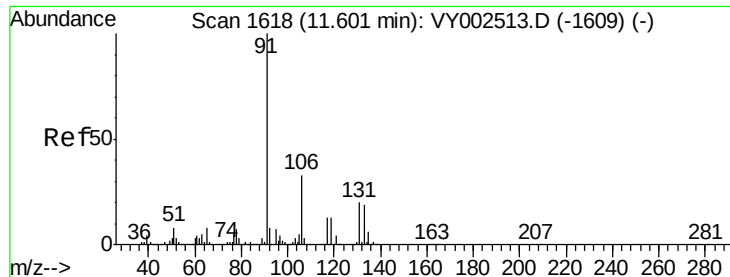
MMDadoda
5/7/2020 10:35:21 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.760 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	48.1	144.4
119	63.7	31.6	95.0





#67

Ethyl Benzene

Concen: 55.031 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 915573

Ion Ratio Lower Upper

91 100

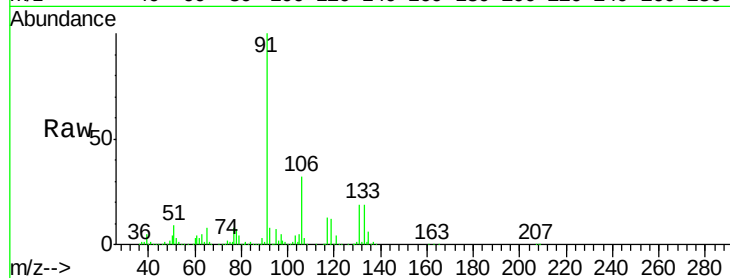
106 32.1 26.1 39.1

Manual Integrations

APPROVED

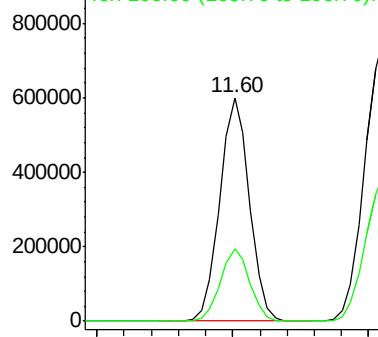
MMDadoda

5/7/2020 10:35:21 AM

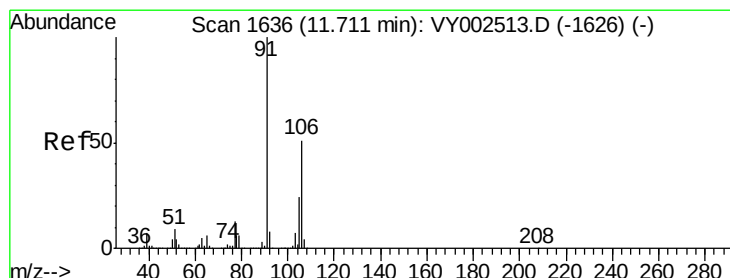
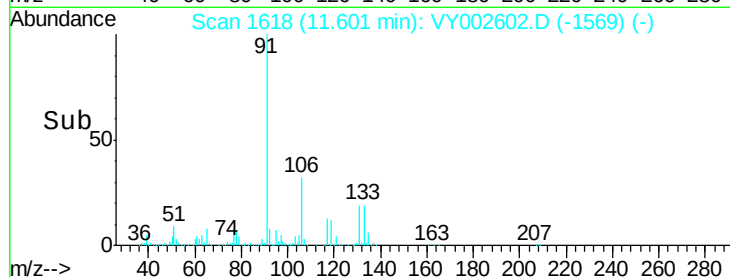


Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



Time--> 11.50 11.60



#68

m/p-Xylenes

Concen: 109.592 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY002602.D

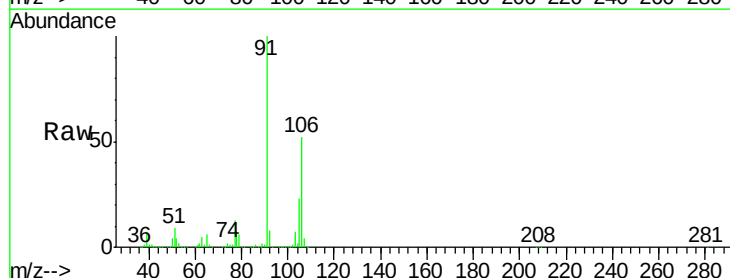
Acq: 06 May 2020 09:52

Tgt Ion: 106 Resp: 705486

Ion Ratio Lower Upper

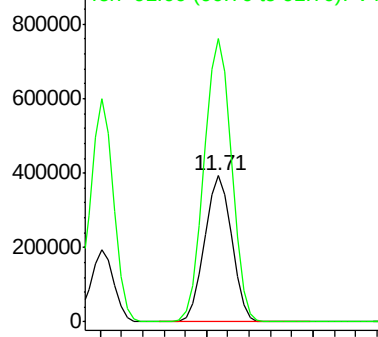
106 100

91 195.6 155.2 232.8

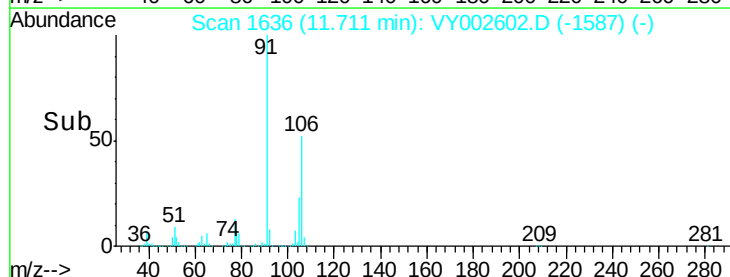


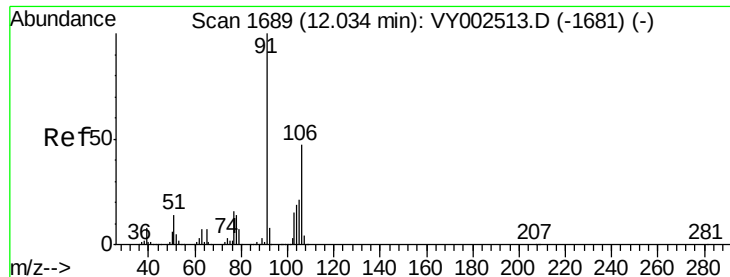
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time--> 11.60 11.70 11.80





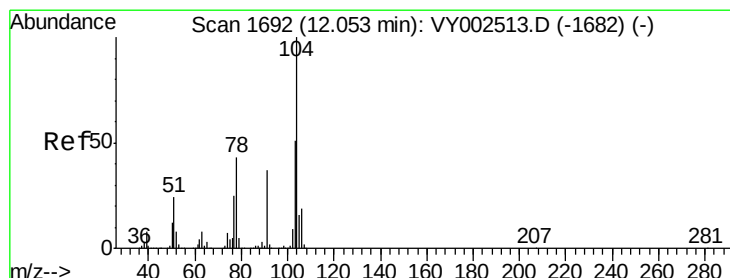
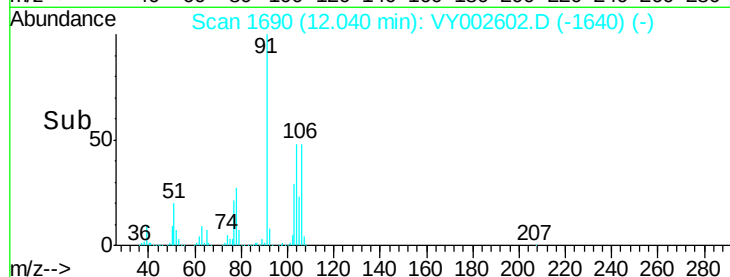
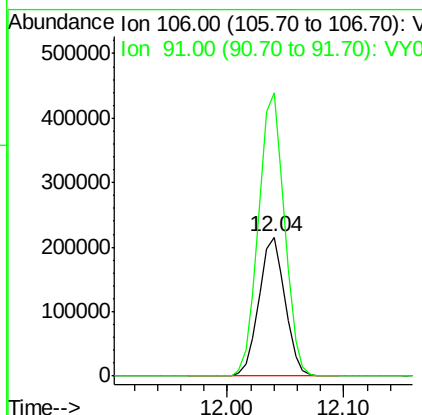
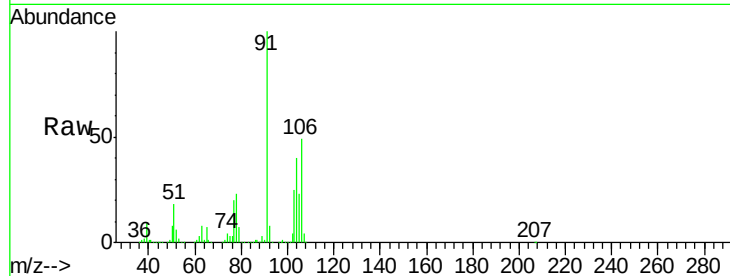
#69
o-Xylene
Concen: 55.500 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	203.6	103.8	311.3	

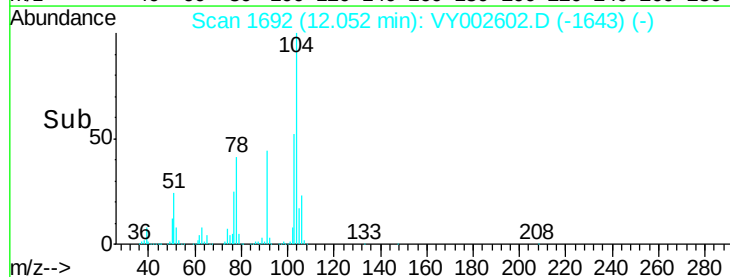
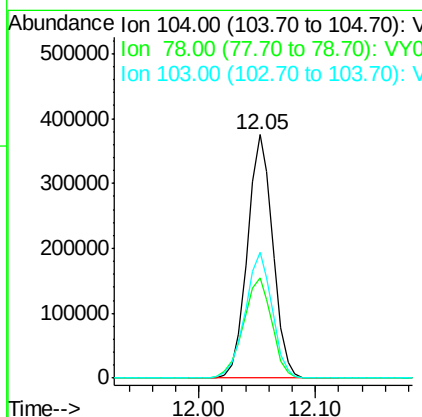
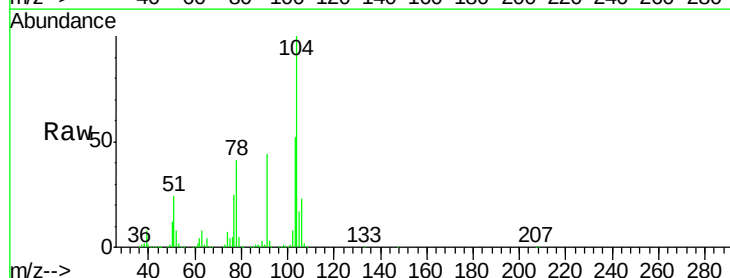
Manual Integrations
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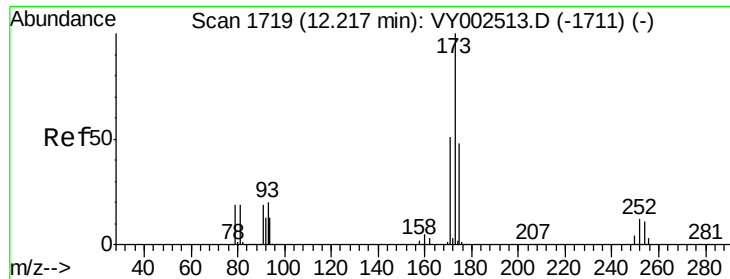
MMDadoda
5/7/2020 10:35:21 AM



#70
Styrene
Concen: 55.318 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.1	37.4	56.0	
103	55.1	43.9	65.9	





#71

Bromoform

Concen: 54.525 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

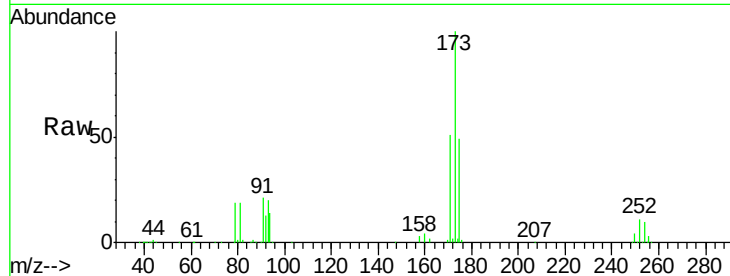
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.3	72.8
254	0.1	0.2	0.2

Manual Integrations
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MMDadoda
5/7/2020 10:35:21 AM

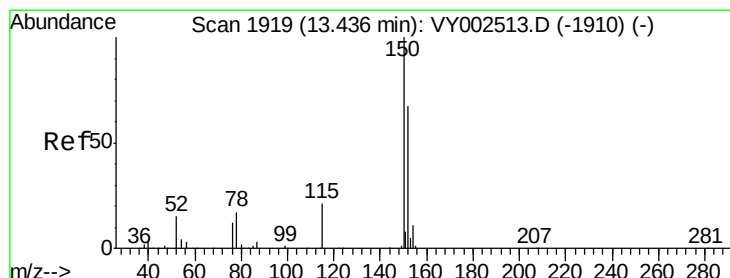
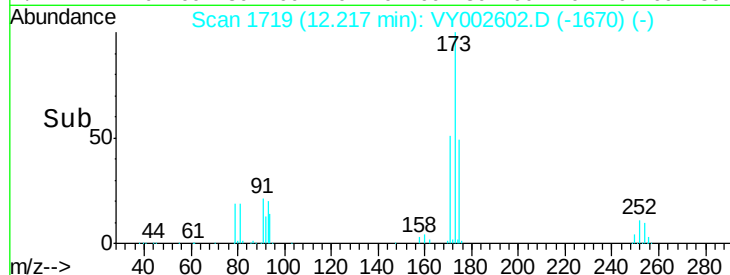
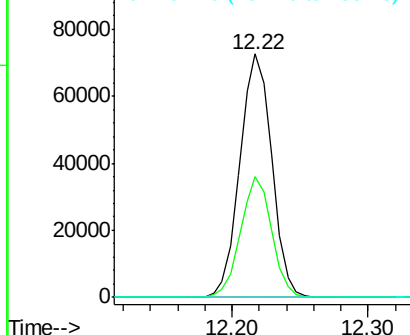


Abundance

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

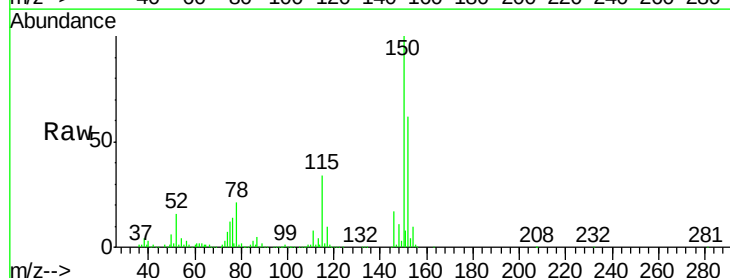
RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.5	82.4
150	174.0	0.0	346.4

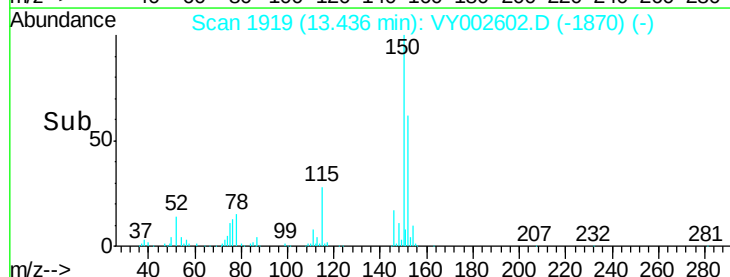
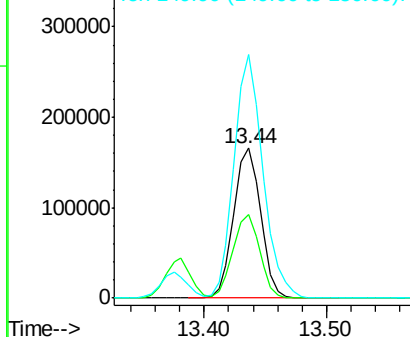


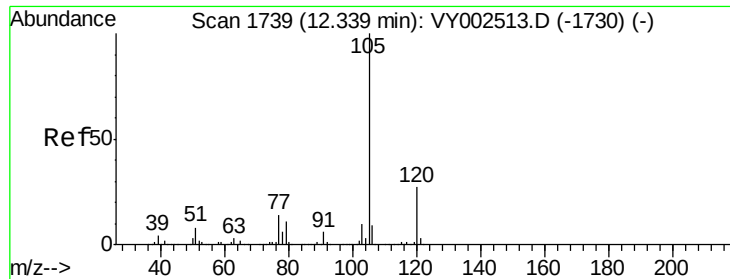
Abundance

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





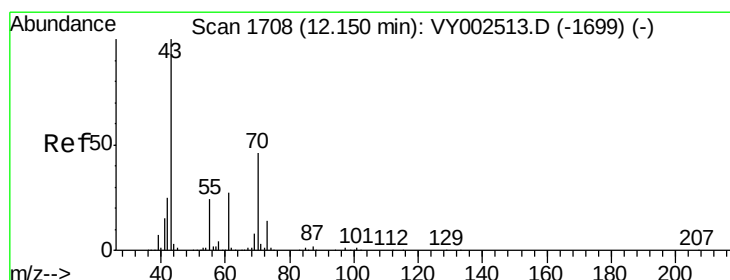
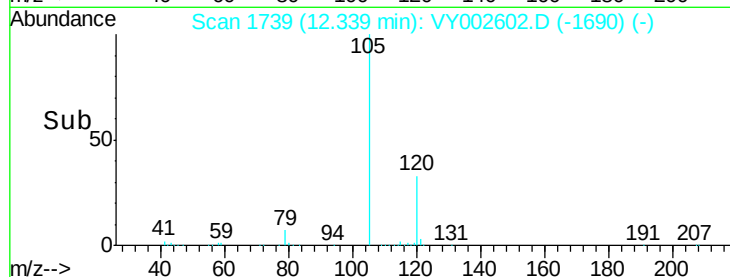
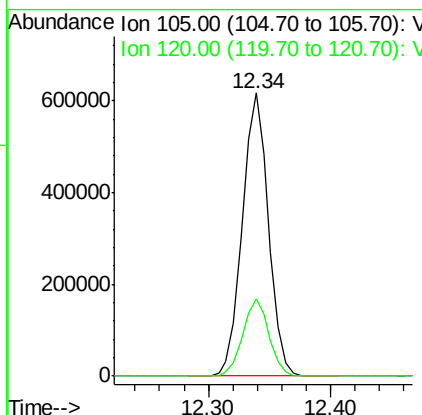
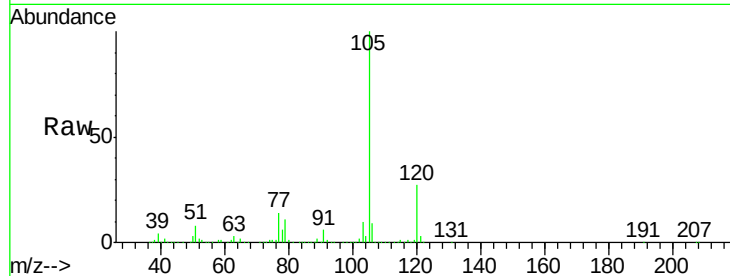
#73
Isopropylbenzene
Concen: 55.498 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.8	41.3

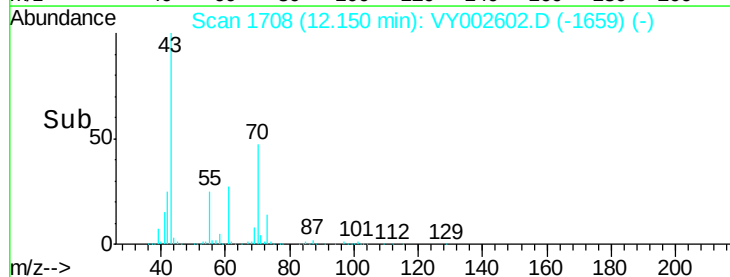
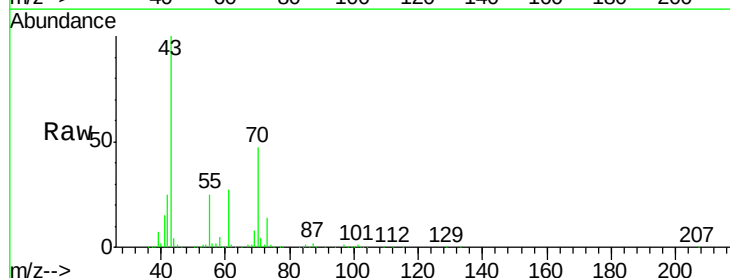
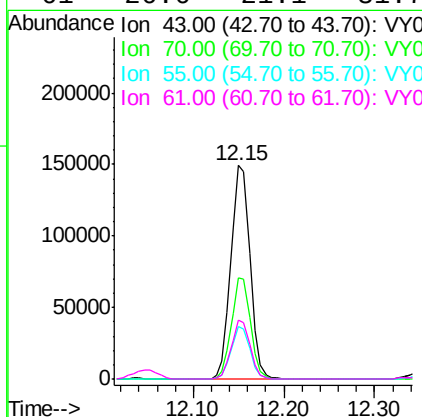
Manual Integrations
APPROVED

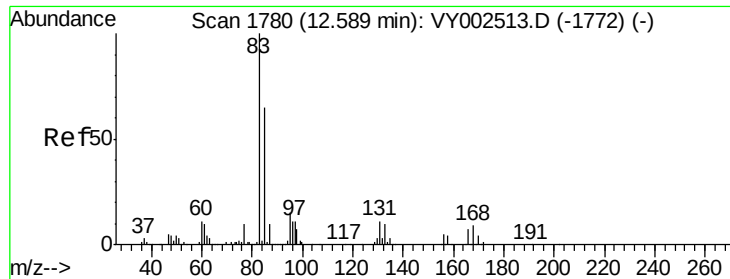
MMDadoda
5/7/2020 10:35:21 AM



#74
N-ethyl acetate
Concen: 55.848 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.8	36.7	55.1
55	24.3	19.2	28.8
61	26.6	21.1	31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.780 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

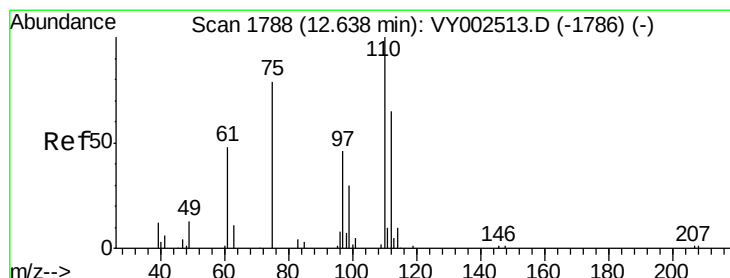
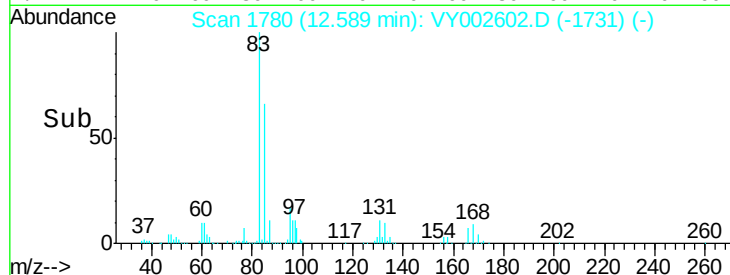
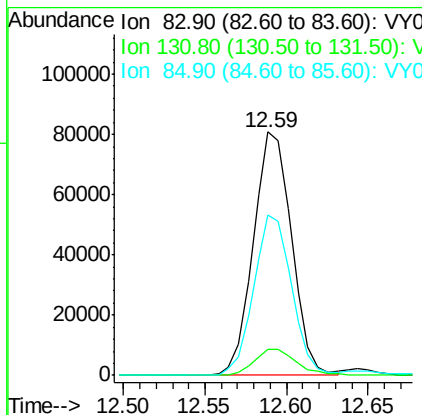
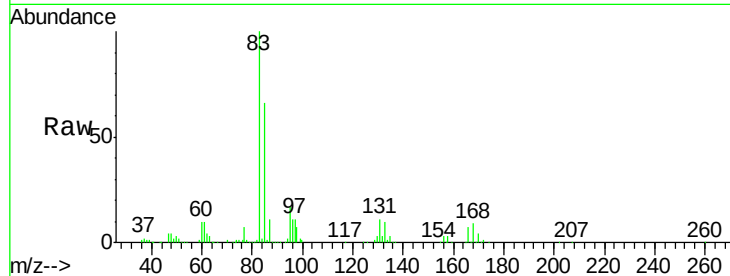
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	132278
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.9	17.8
85	65.3	31.9	95.9

Manual Integrations
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MMDadoda
5/7/2020 10:35:21 AM



#76

1,2,3-Trichloropropane

Concen: 46.593 ug/l m

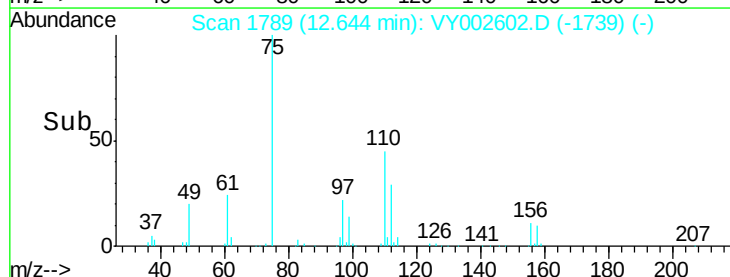
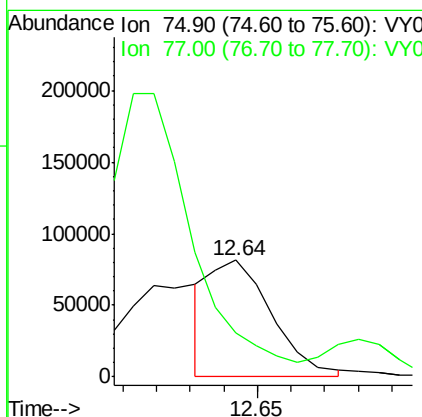
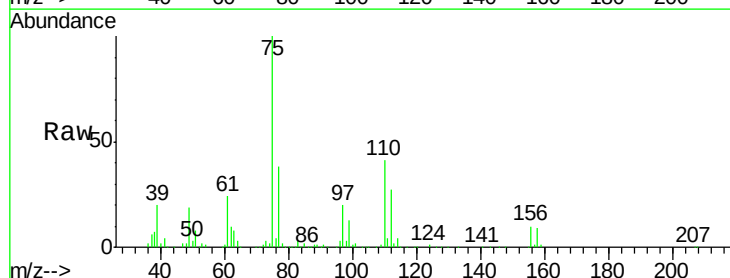
RT: 12.64 min Scan# 1789

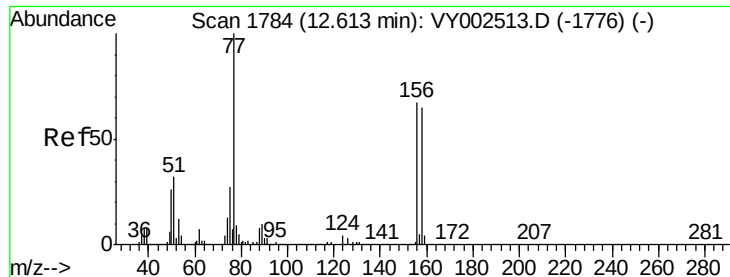
Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Tgt Ion:	75	Resp:	104645
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.580 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

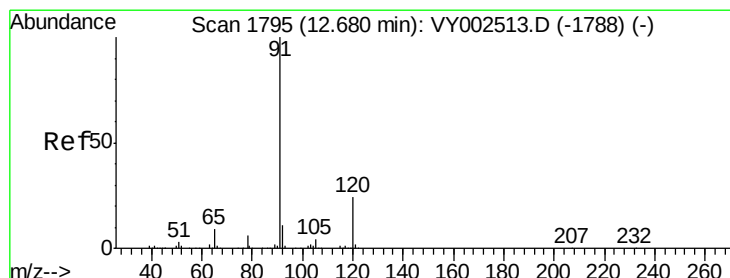
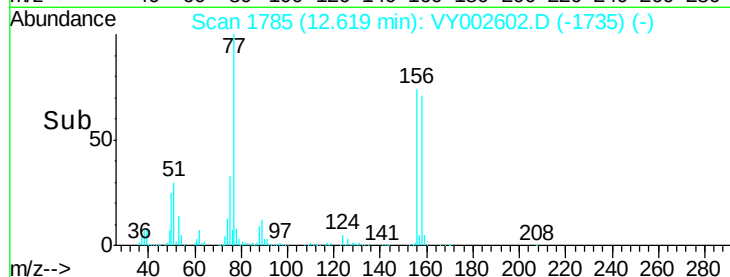
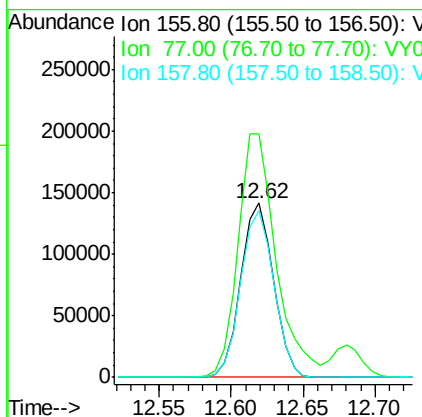
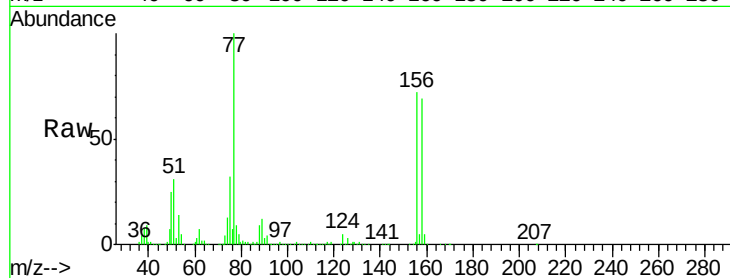
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	223353
Ion Ratio	Lower	Upper	
156	100		
77	162.3	82.0	245.8
158	96.8	48.5	145.6

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#78

n-propylbenzene

Concen: 55.768 ug/l

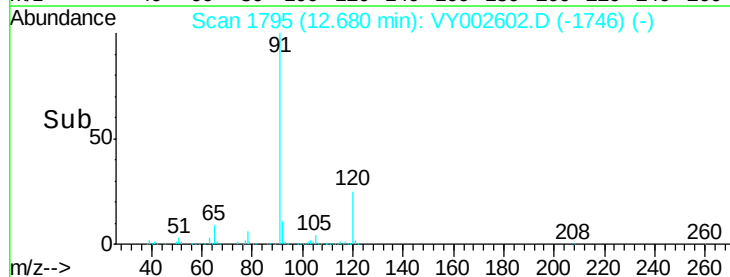
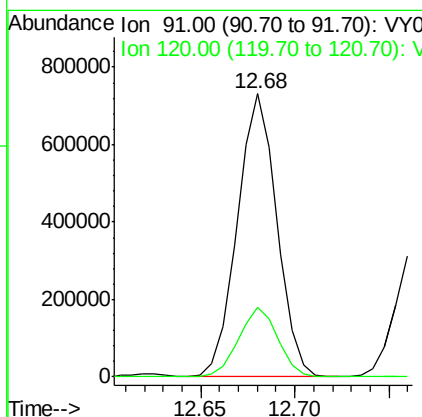
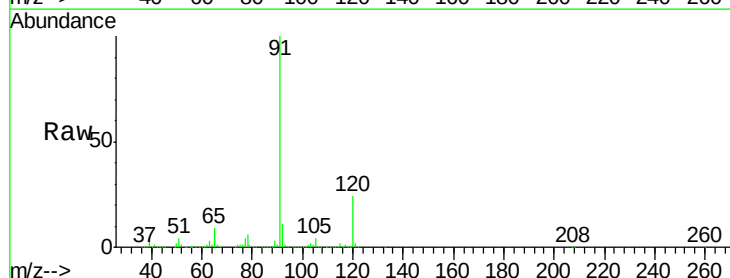
RT: 12.68 min Scan# 1795

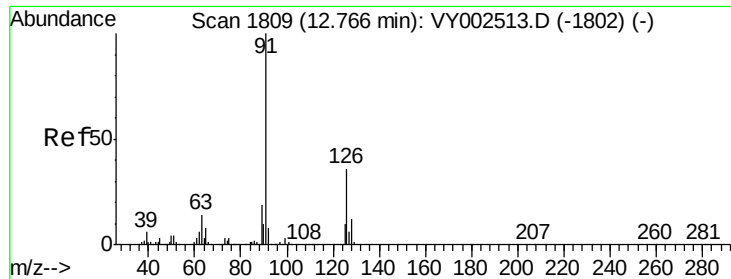
Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Tgt Ion:	91	Resp:	1060044
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.2	36.4





#79

2-Chlorotoluene

Concen: 54.531 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 574154

Ion Ratio Lower Upper

91 100

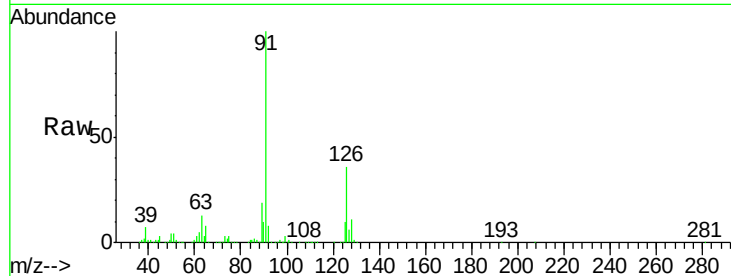
126 36.6 18.4 55.2

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY002513.D (-1802) (-)

600000

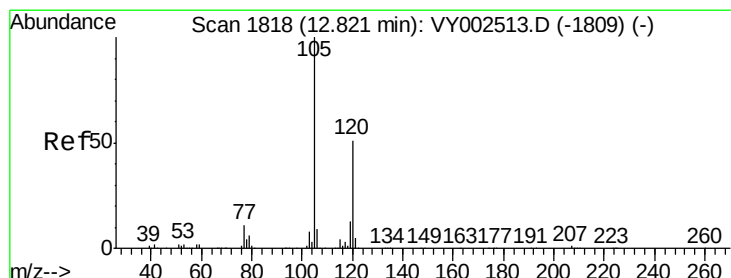
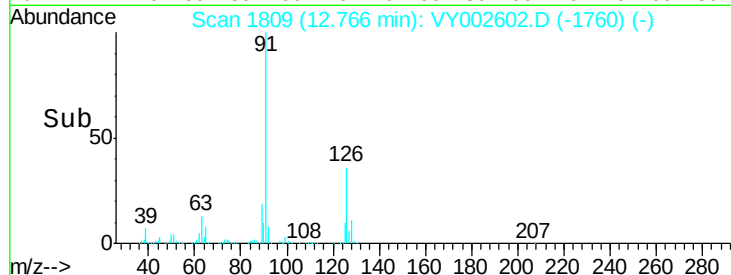
400000

200000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 55.486 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002602.D

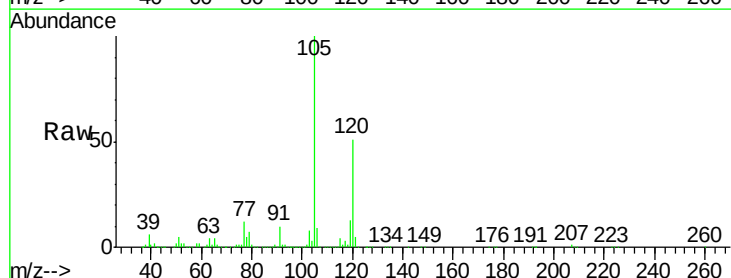
Acq: 06 May 2020 09:52

Tgt Ion: 105 Resp: 753353

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002513.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY002513.D (-1809) (-)

600000

500000

400000

300000

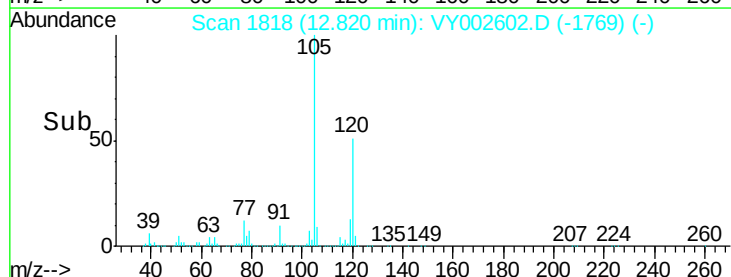
200000

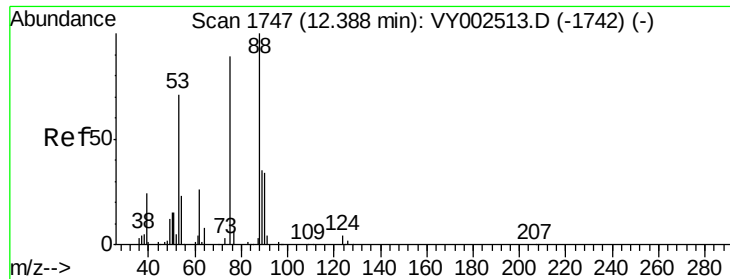
100000

0

12.70 12.80 12.90

Time-->





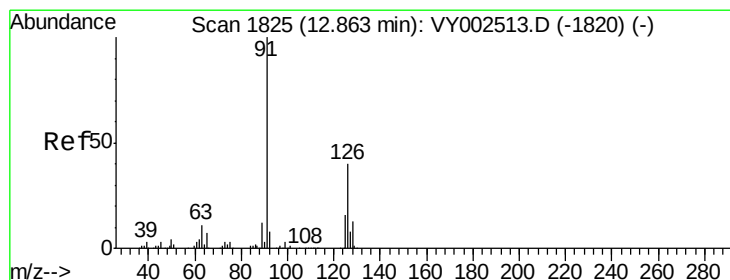
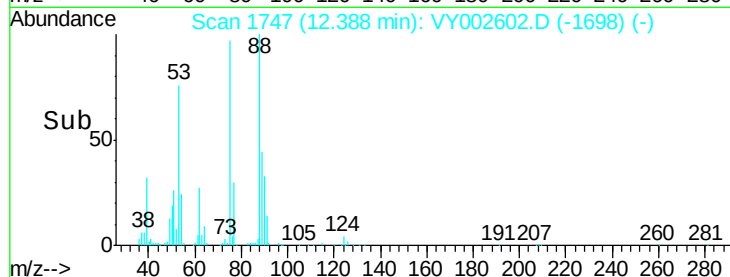
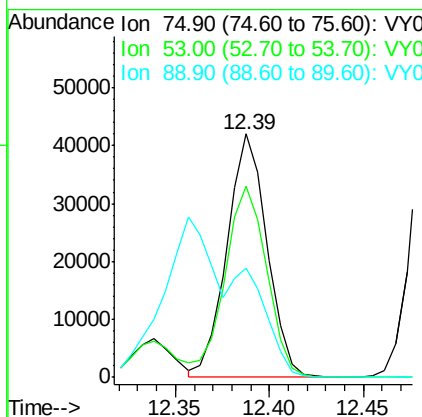
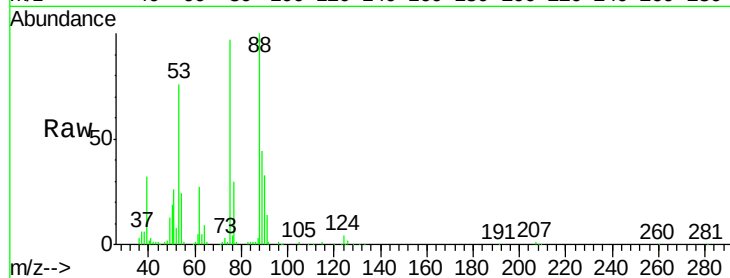
#81
trans-1,4-Dichloro-2-butene
Concen: 54.942 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.6	67.4	101.0
89	0.0	37.4	56.0#

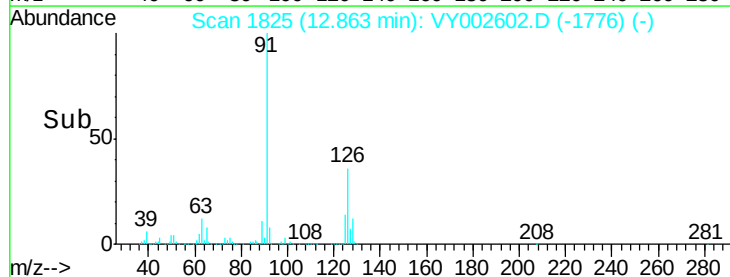
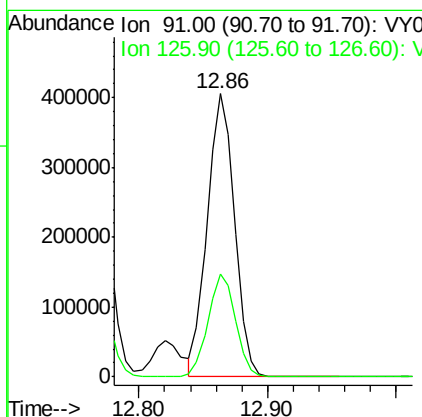
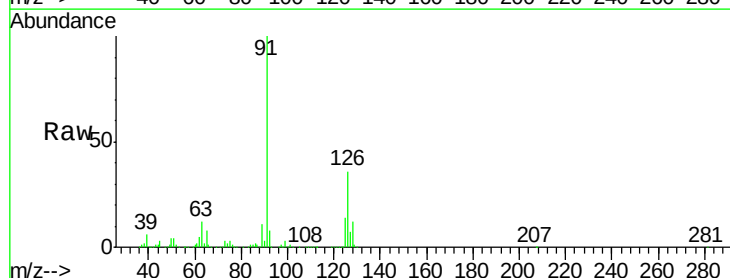
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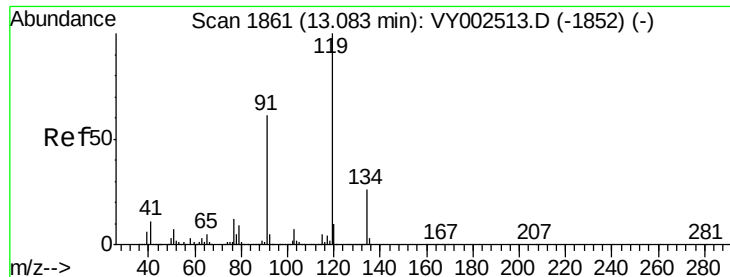
MMDadoda
5/7/2020 10:35:21 AM



#82
4-Chlorotoluene
Concen: 54.332 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.9	18.5	55.5





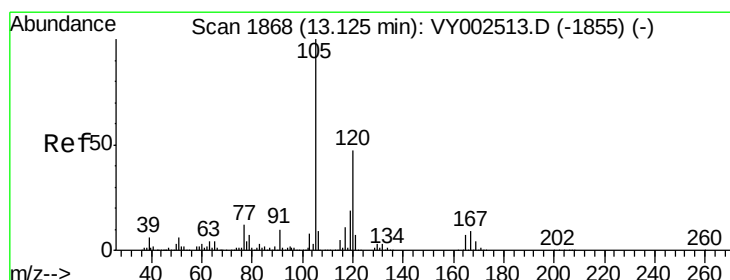
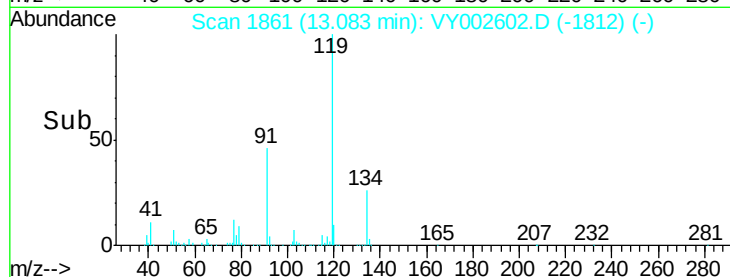
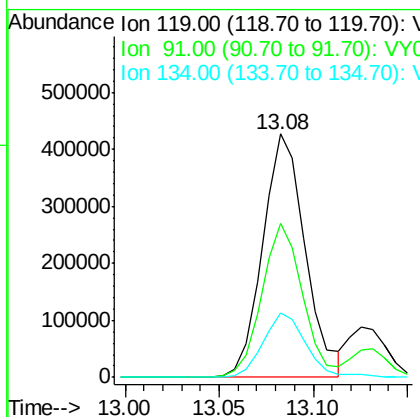
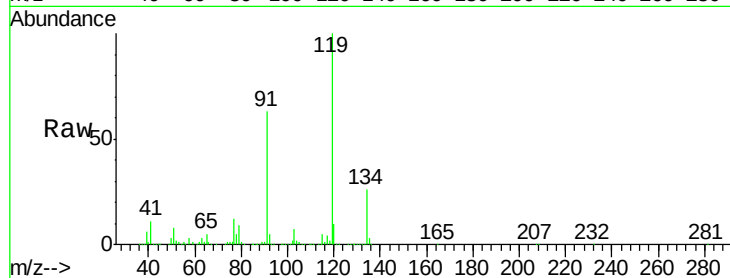
#83
 tert-Butylbenzene
 Concen: 56.211 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.7	30.6	91.6
134	26.6	13.5	40.4

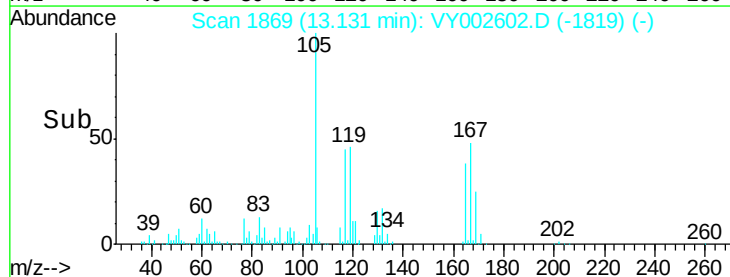
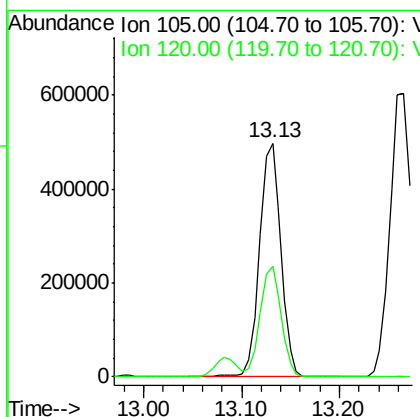
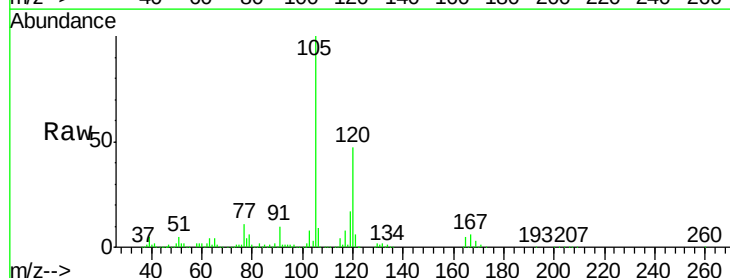
Manual Integrations
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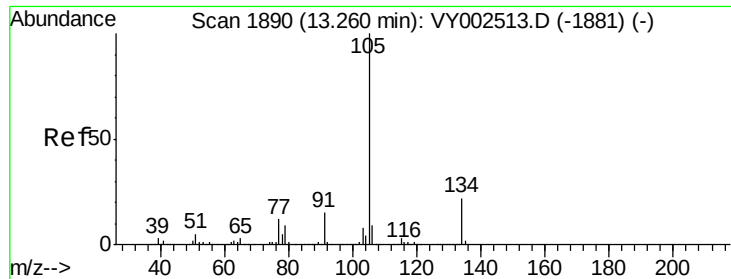
MMDadoda
 5/7/2020 10:35:21 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 55.526 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.3





#85

sec-Butylbenzene

Concen: 55.820 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 922123

Ion Ratio Lower Upper

105 100

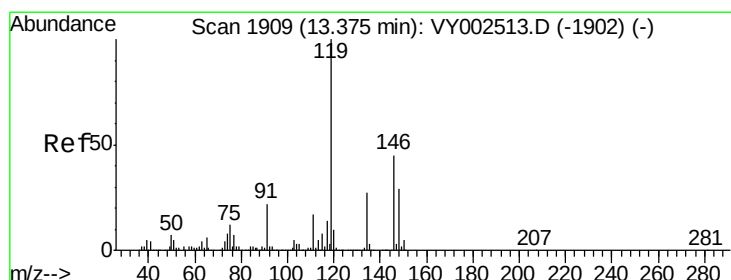
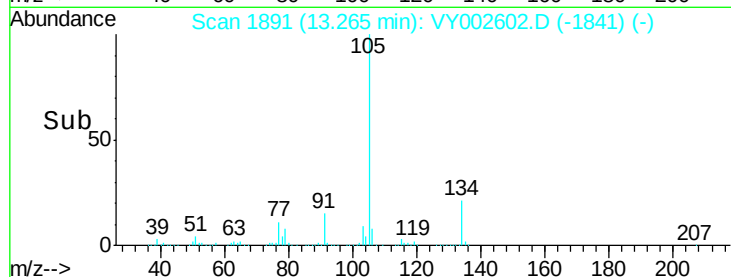
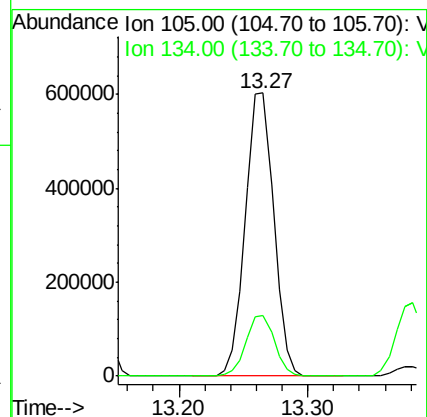
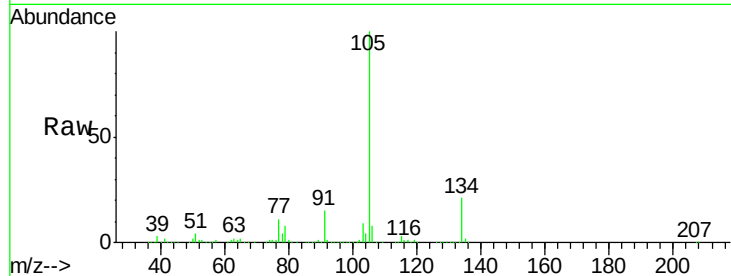
134 21.5 10.8 32.3

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#86

p-Isopropyltoluene

Concen: 55.647 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

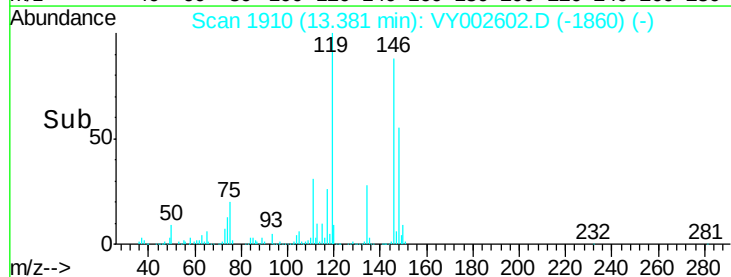
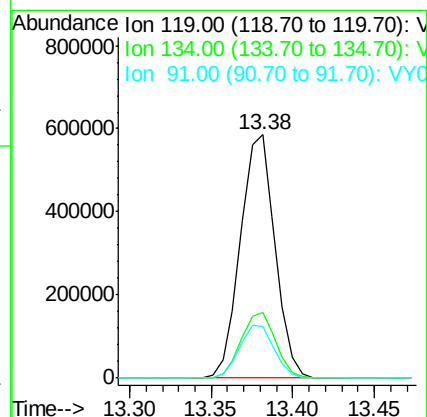
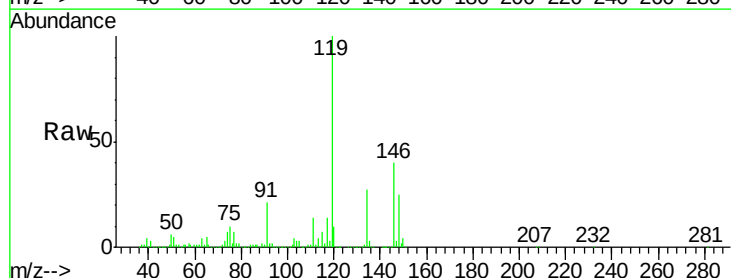
Tgt Ion:119 Resp: 861335

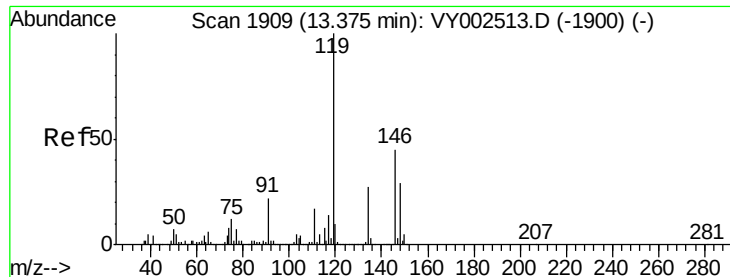
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 21.8 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 54.357 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

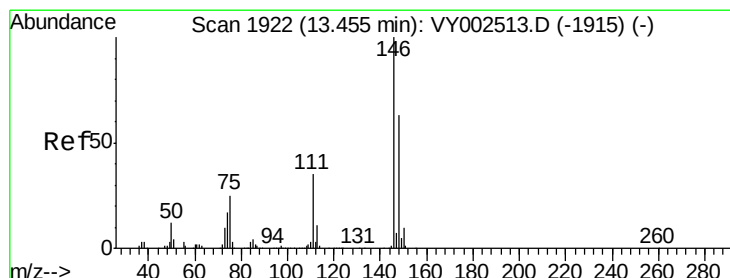
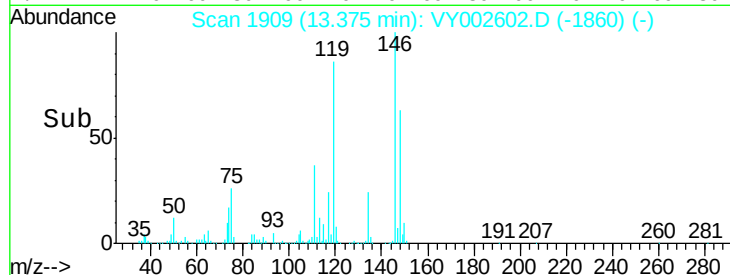
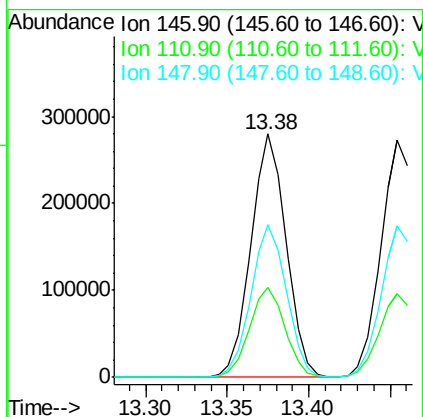
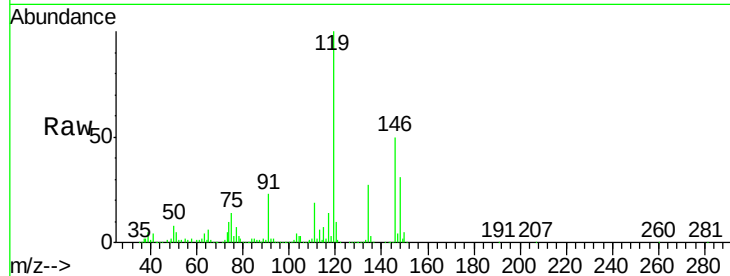
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	421006
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.8	56.3
148	63.2	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 54.608 ug/l

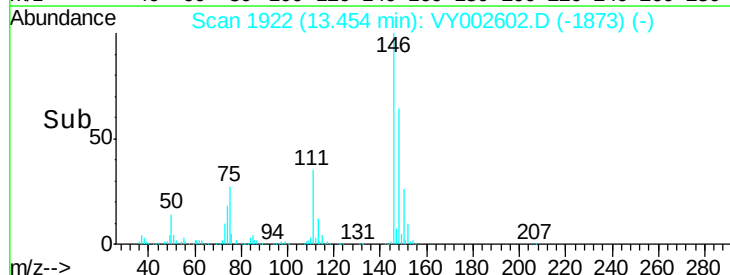
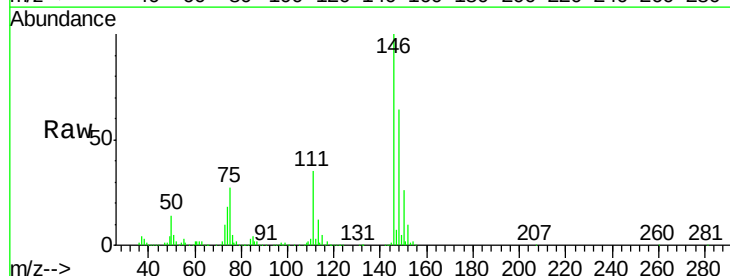
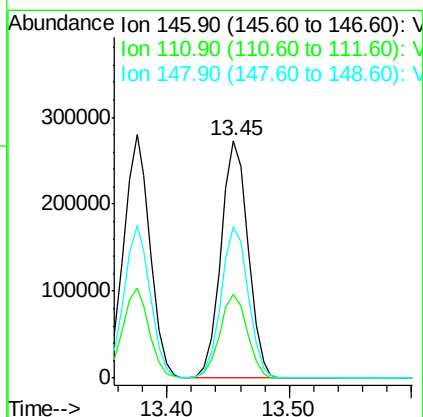
RT: 13.45 min Scan# 1922

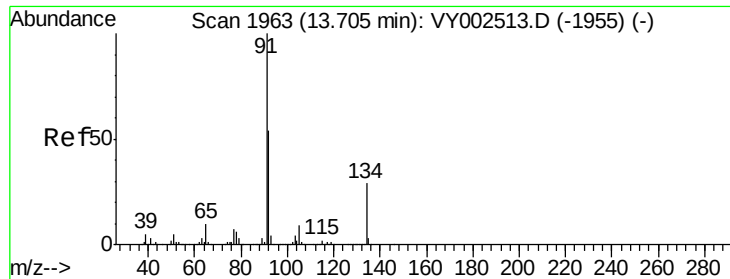
Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Tgt Ion:	146	Resp:	418803
Ion Ratio	Lower	Upper	
146	100		
111	35.9	18.1	54.1
148	63.8	31.9	95.5





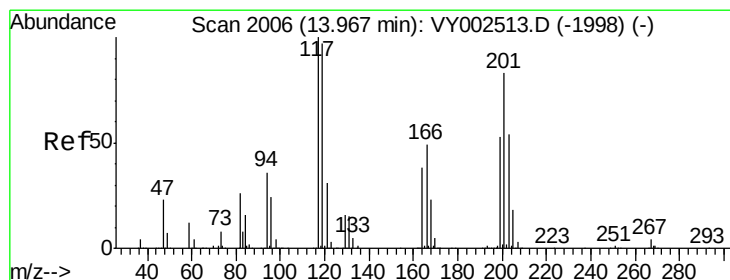
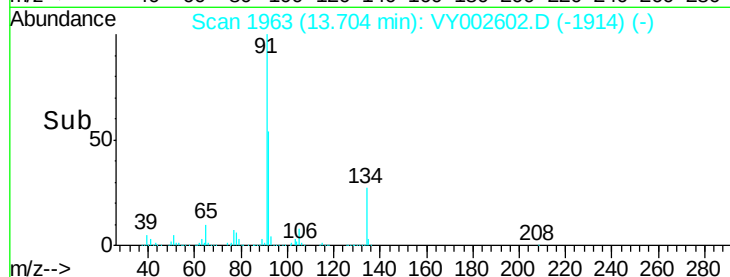
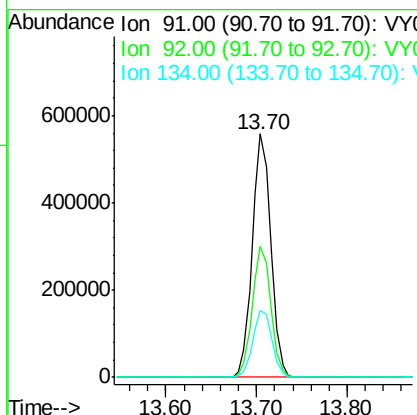
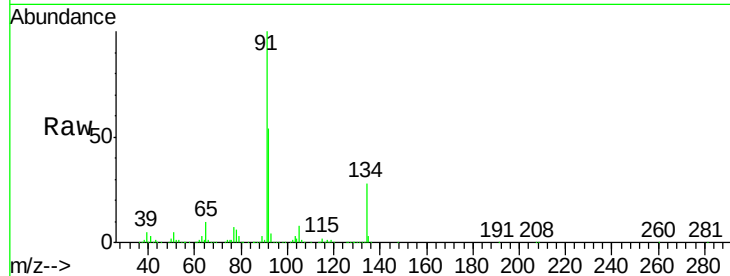
#89
n-Butylbenzene
Concen: 56.188 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.1	81.3
134	28.2	14.4	43.0

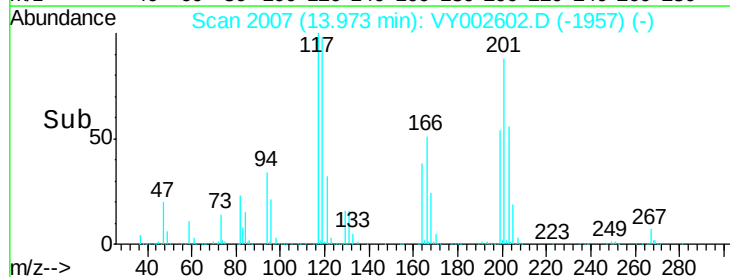
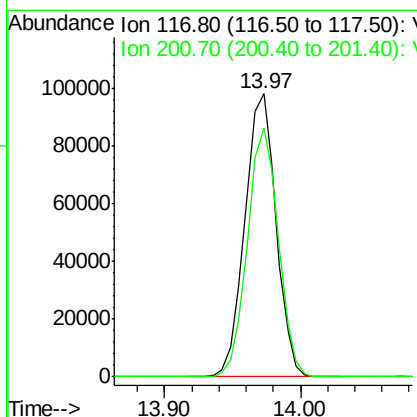
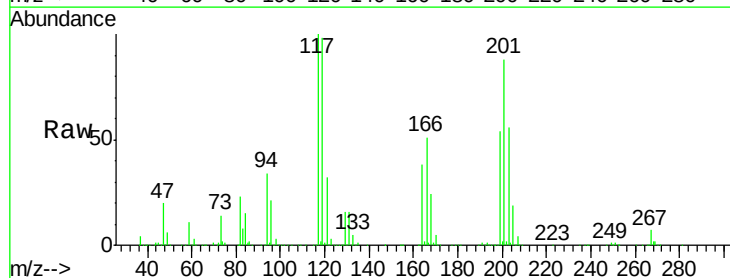
Manual Integrations
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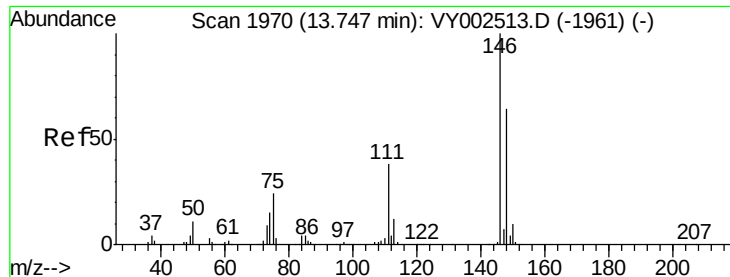
MMDadoda
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#90
Hexachloroethane
Concen: 55.974 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.3	44.4	133.2





#91

1,2-Dichlorobenzene

Concen: 54.046 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Instrument :

MSVOA_Y

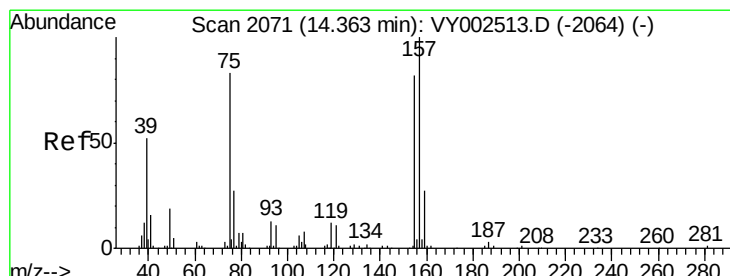
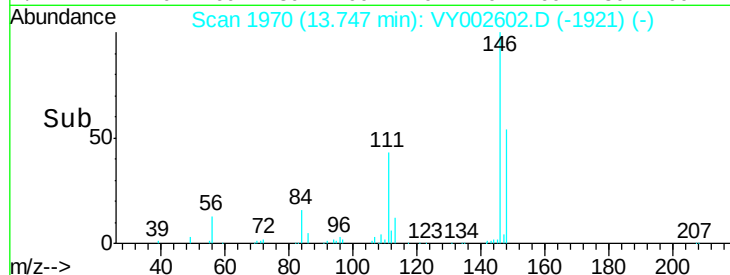
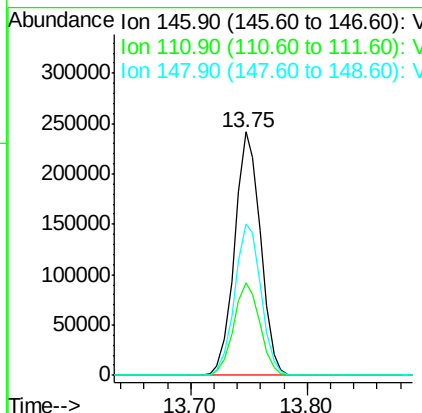
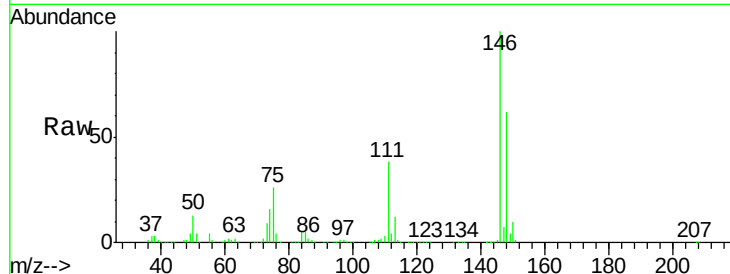
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	373516
Ion Ratio		Lower	Upper
146	100		
111	38.5	19.1	57.5
148	63.3	31.9	95.7

Manual Integrations
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MMDadoda
5/7/2020 10:35:21 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.822 ug/l

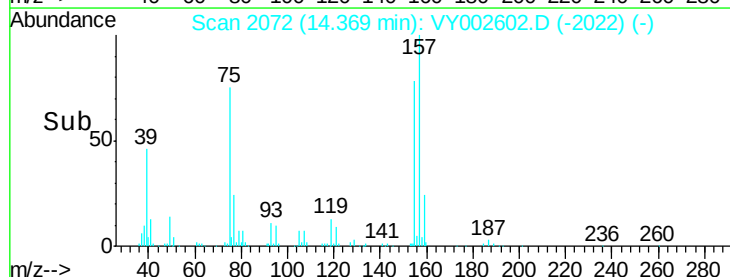
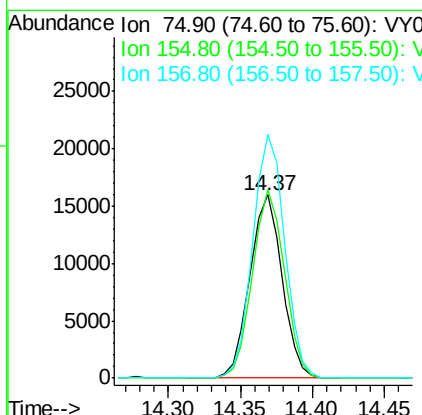
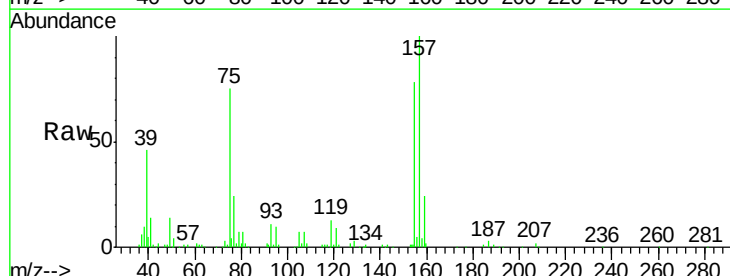
RT: 14.37 min Scan# 2072

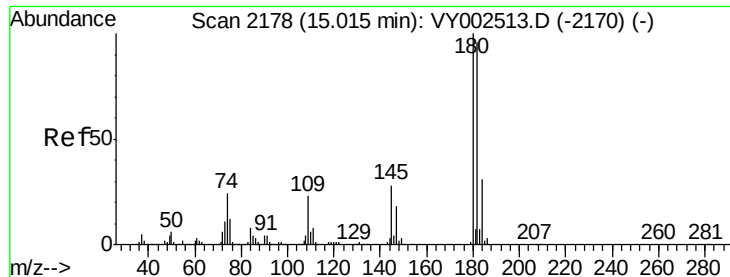
Delta R.T. 0.01 min

Lab File: VY002602.D

Acq: 06 May 2020 09:52

Tgt Ion:	75	Resp:	24678
Ion Ratio		Lower	Upper
75	100		
155	101.9	51.3	153.9
157	131.8	65.0	195.0





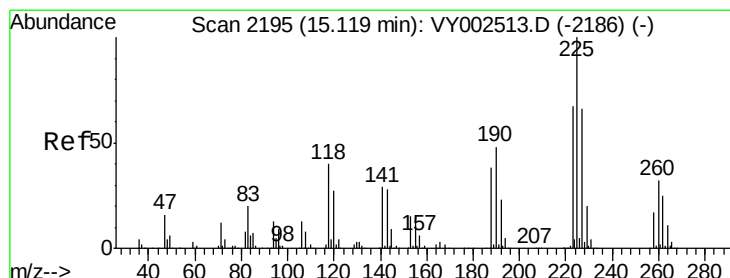
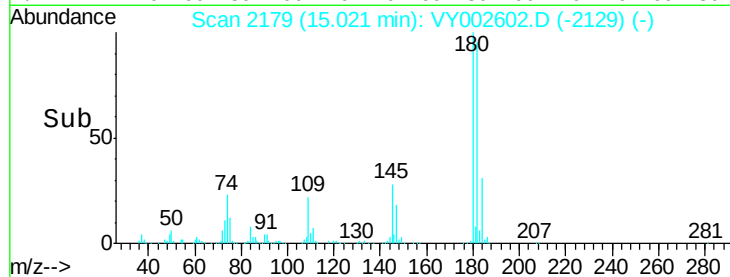
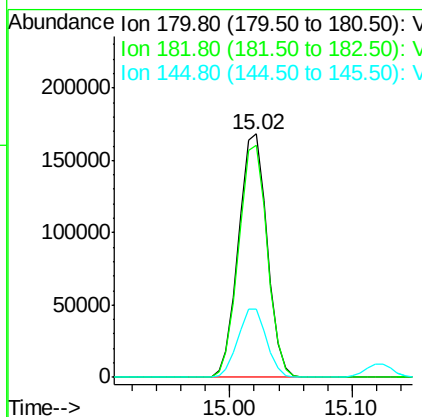
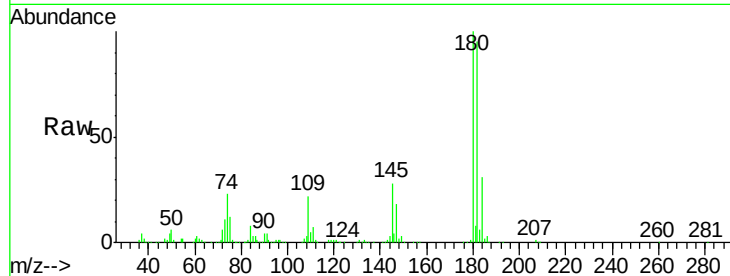
#93
 1,2,4-Trichlorobenzene
 Concen: 54.255 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	272225		
182	95.2	47.9	143.6	
145	28.2	14.4	43.0	

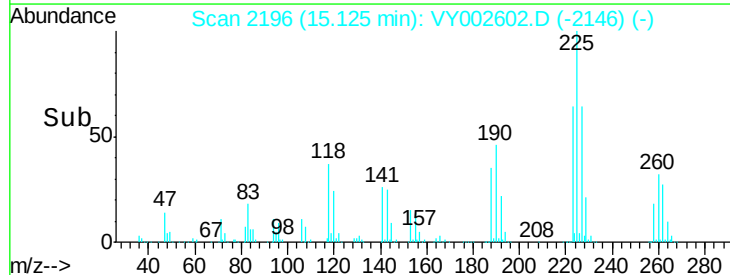
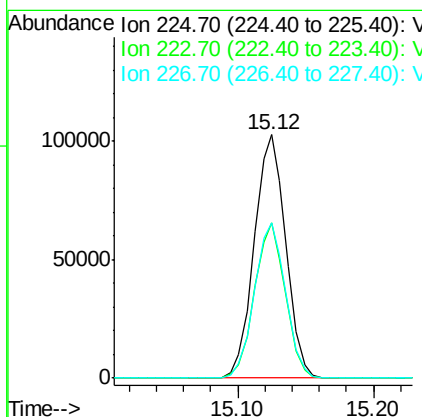
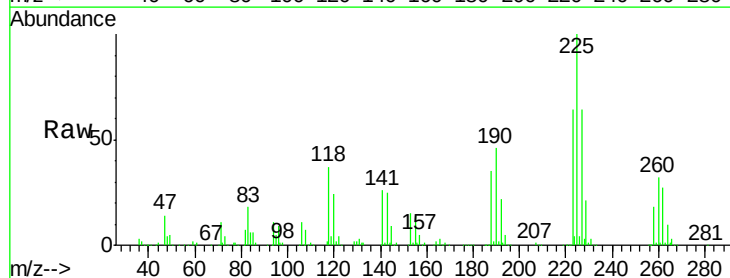
Manual Integrations
 APPROVED

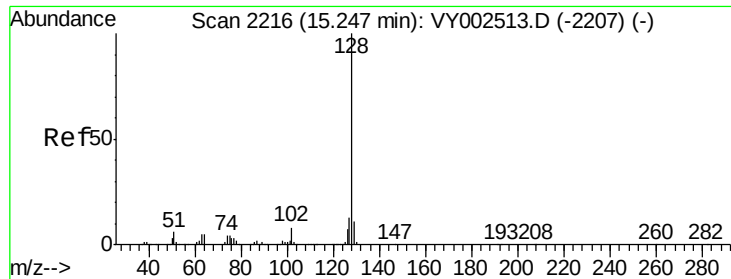
MMDadoda
 5/7/2020 10:35:21 AM



#94
 Hexachlorobutadiene
 Concen: 55.360 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002602.D
 Acq: 06 May 2020 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	166734		
223	62.0	32.1	96.5	
227	63.2	32.0	96.2	





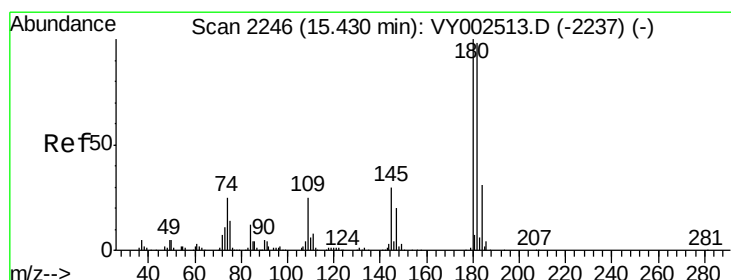
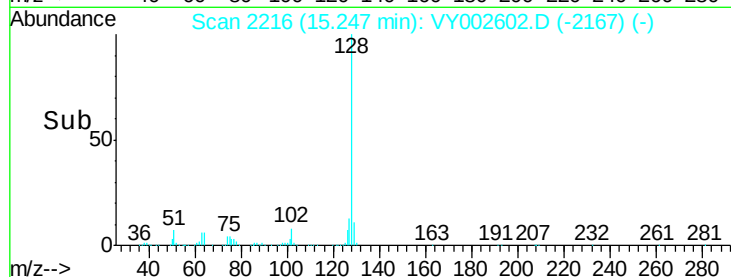
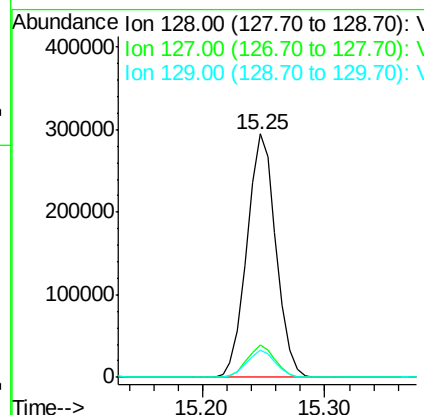
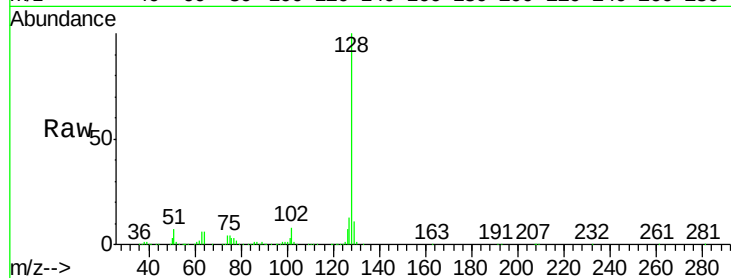
#95
Naphthalene
Concen: 52.819 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	128	Resp:	483461
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
5/7/2020 10:35:21 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.645 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002602.D
Acq: 06 May 2020 09:52

Tgt Ion:	180	Resp:	228500
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.9	143.8
145	30.2	15.0	45.1

