

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003073.D
 Acq On : 01 Jul 2020 21:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 7/2/2020 5:01:39 PM

Quant Time: Jul 02 04:16:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	406902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	612383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	563803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	291875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	210395	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
35) Dibromofluoromethane	7.73	113	201174	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	10.18	98	727261	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.48	95	257572	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	151246	49.080	ug/l	100
3) Chloromethane	2.12	50	208690	46.246	ug/l	99
4) Vinyl Chloride	2.26	62	226668	51.495	ug/l	97
5) Bromomethane	2.65	94	178315	59.664	ug/l	97
6) Chloroethane	2.80	64	151687	54.170	ug/l	98
7) Trichlorofluoromethane	3.13	101	320503	51.588	ug/l	100
8) Diethyl Ether	3.54	74	116657	54.772	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	196793	53.050	ug/l	99
10) Methyl Iodide	4.10	142	240670	52.321	ug/l	99
11) Tert butyl alcohol	4.99	59	100010	242.825	ug/l	100
12) 1,1-Dichloroethene	3.88	96	185476	52.549	ug/l	91
13) Acrolein	3.74	56	85013	229.820	ug/l	99
14) Allyl chloride	4.49	41	287009	46.574	ug/l	97
15) Acrylonitrile	5.18	53	286265	260.790	ug/l	100
16) Acetone	3.96	43	217691	228.392	ug/l	93
17) Carbon Disulfide	4.20	76	562153	49.849	ug/l	100
18) Methyl Acetate	4.49	43	128747	50.137	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	567585	55.168	ug/l	97
20) Methylene Chloride	4.72	84	235827	56.328	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	212302	53.176	ug/l	94
22) Diisopropyl ether	6.13	45	671610	50.848	ug/l	99
23) Vinyl Acetate	6.07	43	2281243	258.336	ug/l	98
24) 1,1-Dichloroethane	6.03	63	378938	52.521	ug/l	100
25) 2-Butanone	7.00	43	385923	254.890	ug/l	97
26) 2,2-Dichloropropane	6.99	77	310105	47.306	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	241805	53.998	ug/l	96
28) Bromochloromethane	7.34	49	163912	51.058	ug/l	89
29) Tetrahydrofuran	7.35	42	262284	260.496	ug/l	95
30) Chloroform	7.51	83	381389	53.357	ug/l	97
31) Cyclohexane	7.78	56	329769	46.395	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	335705	51.453	ug/l	100
36) 1,1-Dichloropropene	7.93	75	293520	49.760	ug/l	98
37) Ethyl Acetate	7.08	43	180331	50.846	ug/l	97
38) Carbon Tetrachloride	7.91	117	312012	50.839	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	364349	49.818	ug/l	99
40) Benzene	8.17	78	840774	52.063	ug/l	99
41) Methacrylonitrile	7.33	41	103060m	54.398	ug/l	
42) 1,2-Dichloroethane	8.24	62	270227	52.894	ug/l	99
43) Isopropyl Acetate	8.28	43	344575	51.106	ug/l	97
44) Trichloroethene	8.94	130	247807	52.794	ug/l	98
45) 1,2-Dichloropropane	9.22	63	221117	50.894	ug/l	98
46) Dibromomethane	9.31	93	131534	54.206	ug/l	98
47) Bromodichloromethane	9.50	83	314053	52.855	ug/l	99
48) Methyl methacrylate	9.30	41	156525	51.003	ug/l	95
49) 1,4-Dioxane	9.31	88	32704	1104.069	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	937289	268.964	ug/l	97
52) Toluene	10.25	92	526771	51.817	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	325925	52.319	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	362056	50.818	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	184728	54.783	ug/l	99
56) Ethyl methacrylate	10.51	69	268162	54.939	ug/l	97
57) 1,3-Dichloropropane	10.79	76	314704	53.164	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	675217	269.722	ug/l	98
59) 2-Hexanone	10.83	43	648611	266.287	ug/l	99
60) Dibromochloromethane	10.99	129	234614	54.369	ug/l	100
61) 1,2-Dibromoethane	11.09	107	179575	54.019	ug/l	100
64) Tetrachloroethene	10.72	164	252944	53.009	ug/l	97
65) Chlorobenzene	11.52	112	583282	52.467	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	227954	52.519	ug/l	98
67) Ethyl Benzene	11.59	91	1045922	51.427	ug/l	99
68) m/p-Xylenes	11.70	106	781932	103.301	ug/l	98
69) o-Xylene	12.03	106	373627	52.381	ug/l	97
70) Styrene	12.05	104	654727	53.729	ug/l	98
71) Bromoform	12.21	173	160984	55.624	ug/l	99
73) Isopropylbenzene	12.33	105	1001715	52.440	ug/l	100
74) N-amyl acetate	12.14	43	327052	52.593	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	213905	55.490	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	165023m	57.128	ug/l	
77) Bromobenzene	12.61	156	260760	53.241	ug/l	100
78) n-propylbenzene	12.67	91	1179800	51.356	ug/l	99
79) 2-Chlorotoluene	12.75	91	668663	52.146	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	835789	52.141	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	78976	53.192	ug/l	96
82) 4-Chlorotoluene	12.85	91	695194	52.072	ug/l	99
83) tert-Butylbenzene	13.08	119	730326	51.888	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	846114	52.384	ug/l	100
85) sec-Butylbenzene	13.25	105	1000342	51.563	ug/l	100
86) p-Isopropyltoluene	13.37	119	924813	51.446	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	485398	53.084	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	479466	53.176	ug/l	100
89) n-Butylbenzene	13.70	91	865619	50.328	ug/l	99
90) Hexachloroethane	13.96	117	187453	52.513	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	441805	53.852	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	38723	56.745	ug/l	93

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VSTDCCC050EC

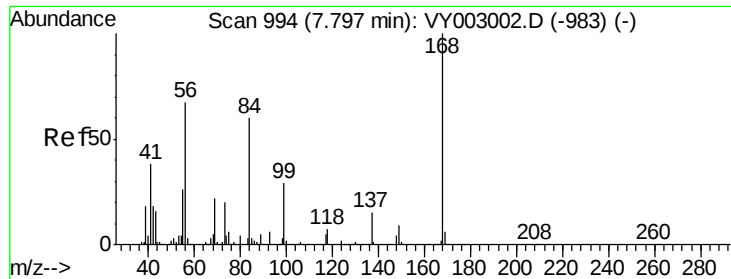
Manual Integrations
APPROVED

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7/2/2020 5:01:39 PM

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Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	319678	52.440	ug/l	100
94) Hexachlorobutadiene	15.11	225	189383	49.252	ug/l	98
95) Naphthalene	15.23	128	631405	56.706	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	287508	54.314	ug/l	100

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



#1

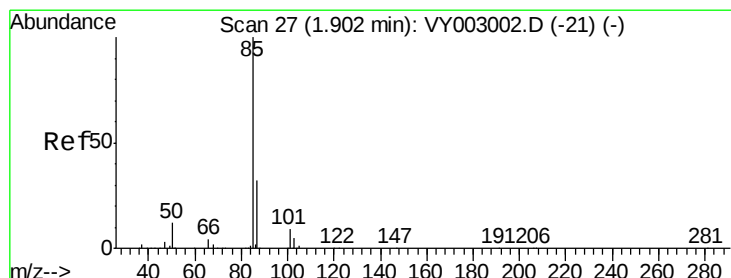
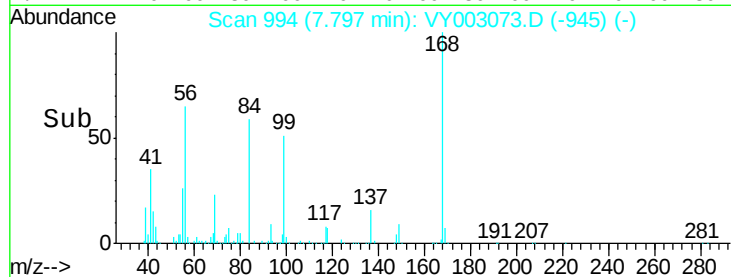
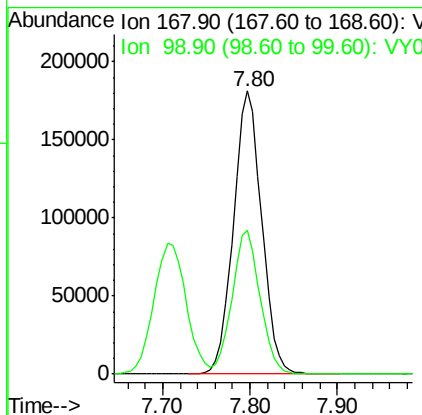
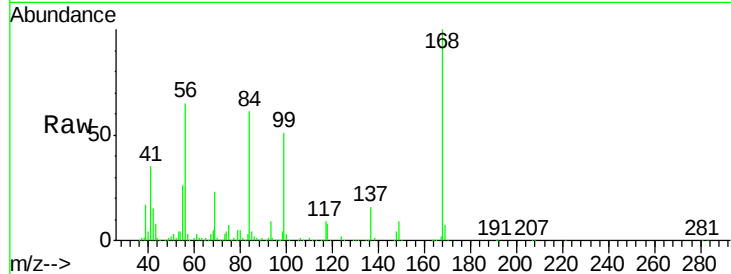
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
99	50.8	39.2	58.8	

Manual Integrations
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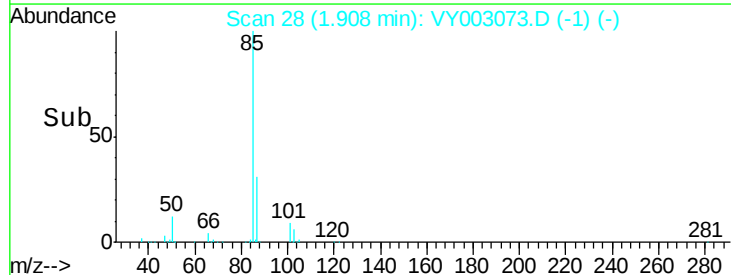
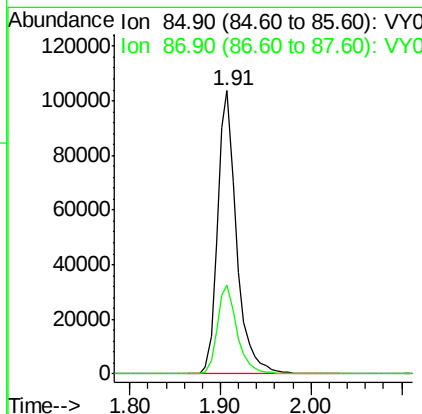
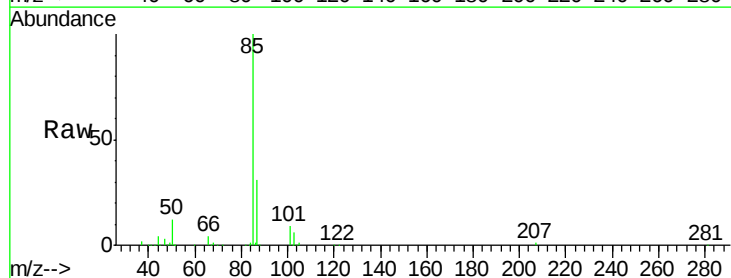
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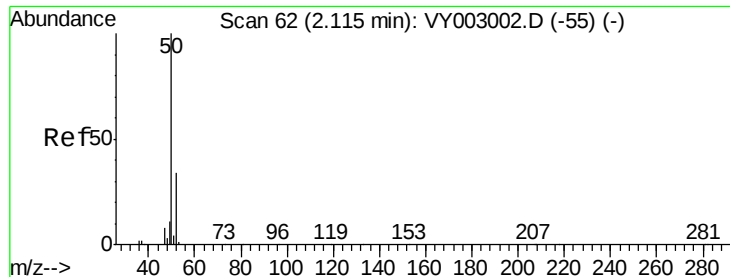


#2

Dichlorodifluoromethane
 Concen: 49.080 ug/l
 RT: 1.91 min Scan# 28
 Delta R.T. 0.01 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion	Ion	Ratio	Lower	Upper
85	100			
87	31.5	15.8	47.4	





#3

Chloromethane

Concen: 46.246 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 208690

Ion Ratio Lower Upper

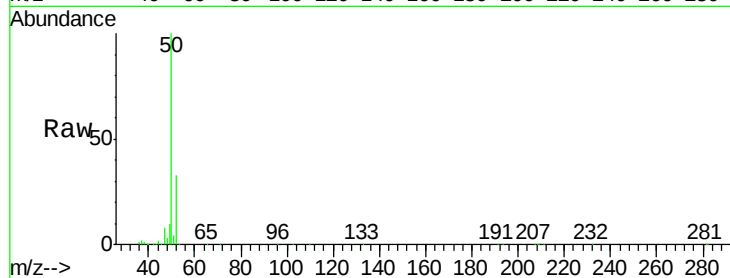
50 100

52 33.0 26.9 40.3

Manual Integrations
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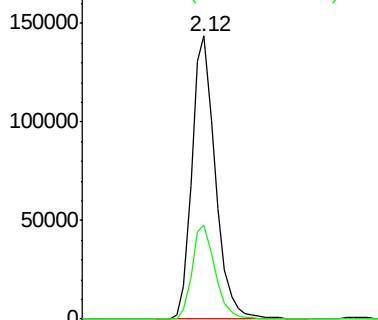
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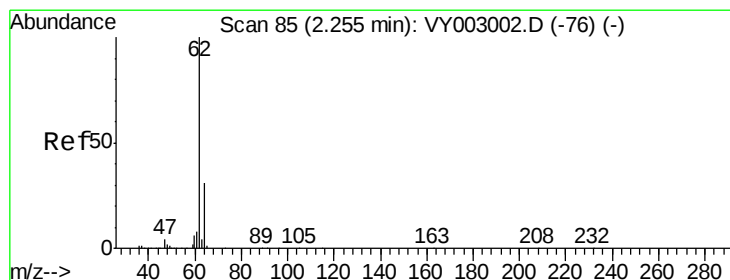
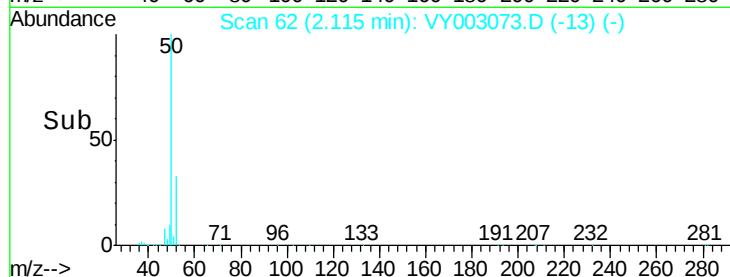


Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



Time-->



#4

Vinyl Chloride

Concen: 51.495 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003073.D

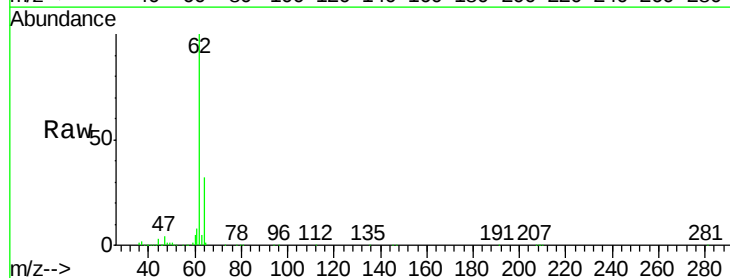
Acq: 01 Jul 2020 21:02

Tgt Ion: 62 Resp: 226668

Ion Ratio Lower Upper

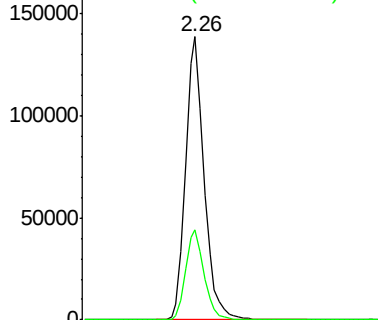
62 100

64 32.0 24.4 36.6

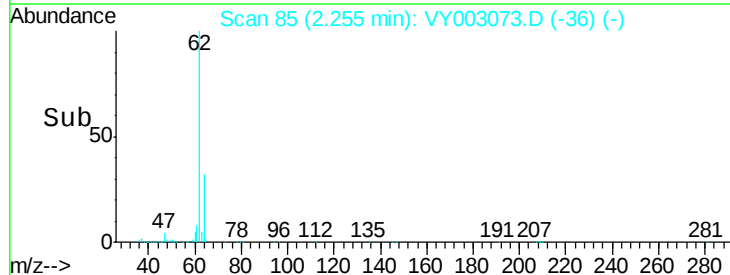


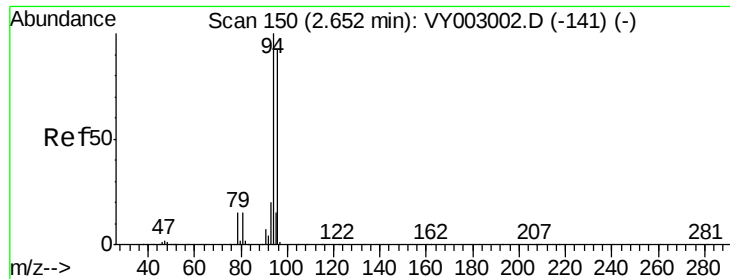
Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0



Time-->





#5

Bromomethane

Concen: 59.664 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 178315

Ion Ratio Lower Upper

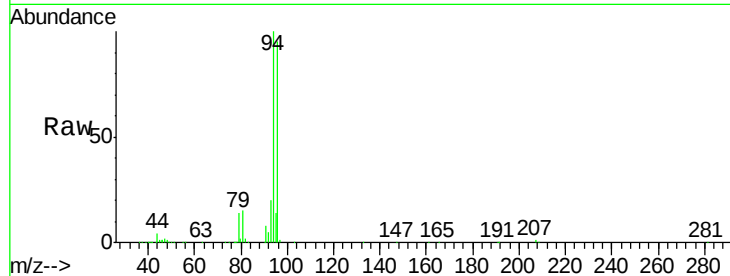
94 100

96 95.0 73.4 110.2

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

100000

80000

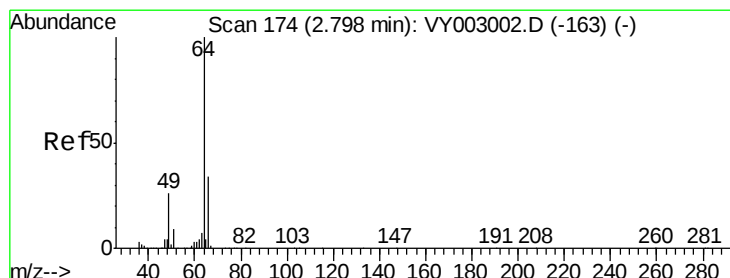
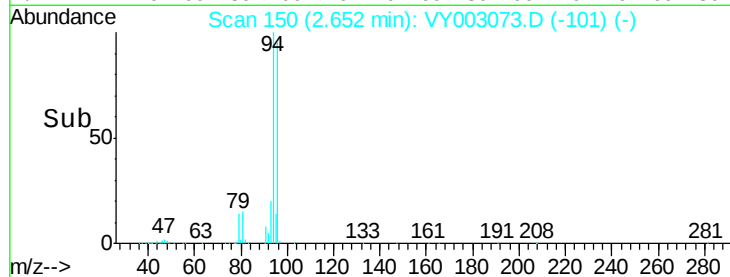
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 54.170 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003073.D

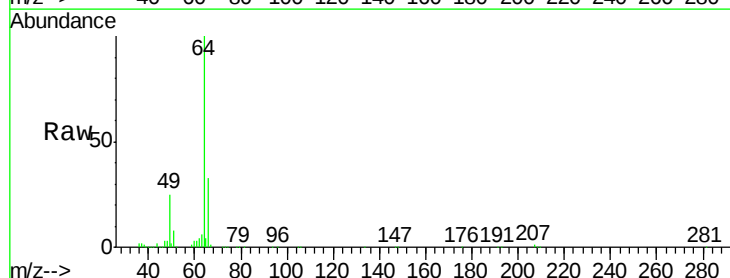
Acq: 01 Jul 2020 21:02

Tgt Ion: 64 Resp: 151687

Ion Ratio Lower Upper

64 100

66 32.5 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

80000

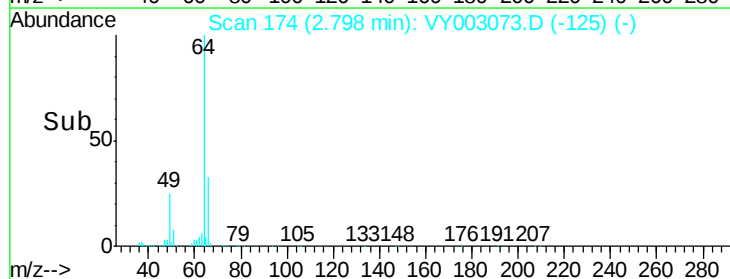
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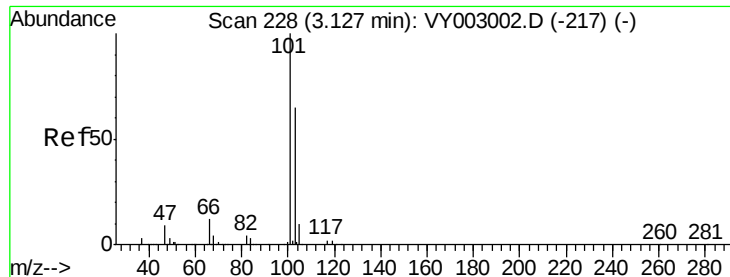
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20000

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Time-->





#7

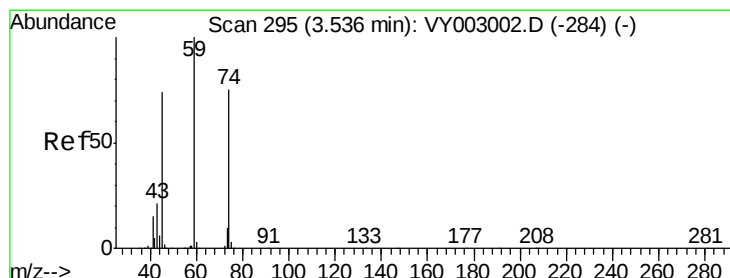
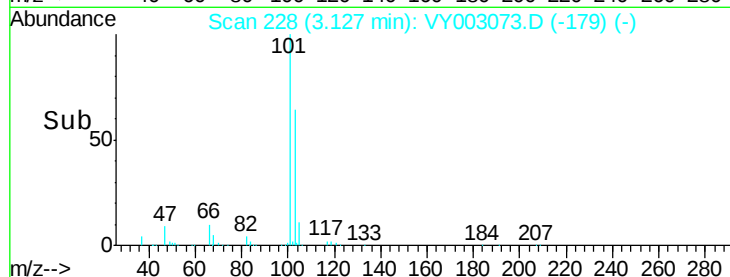
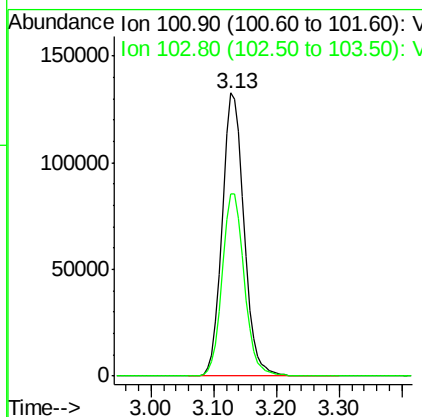
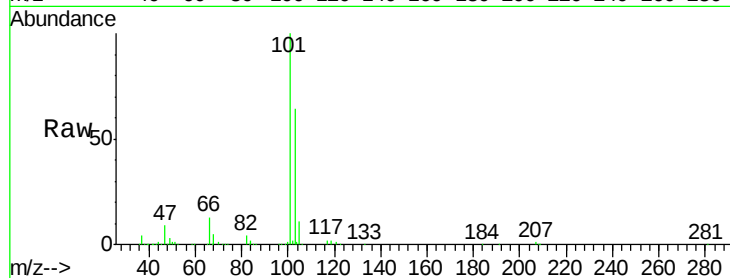
Trichlorofluoromethane
Concen: 51.588 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.6	77.4

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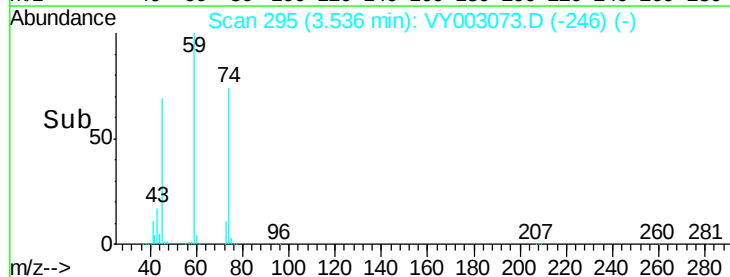
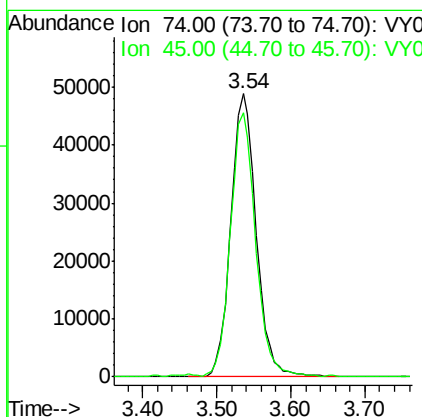
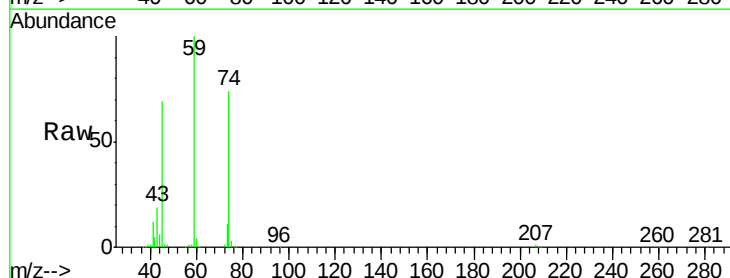
MMDadoda
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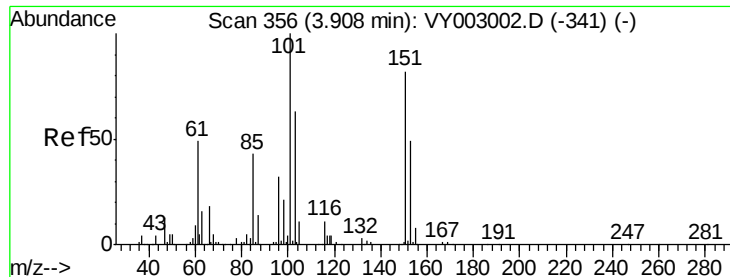


#8

Diethyl Ether
Concen: 54.772 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.2	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.050 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

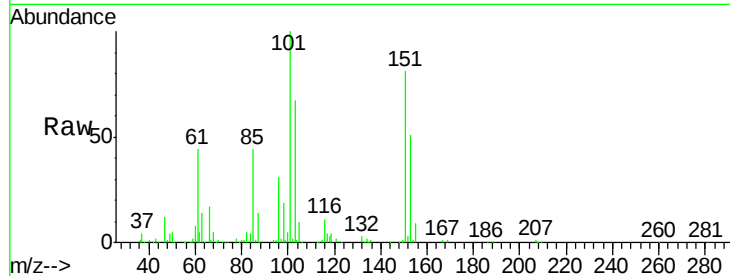
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	196793
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.5	53.3
151	81.3	65.5	98.3

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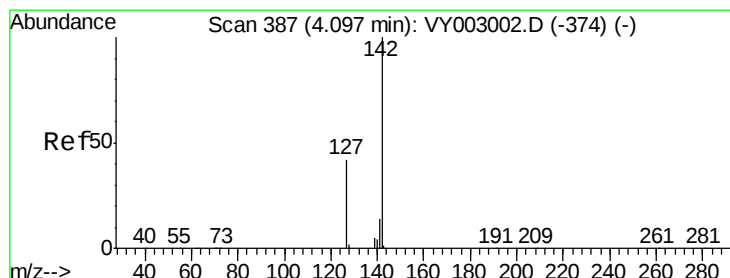
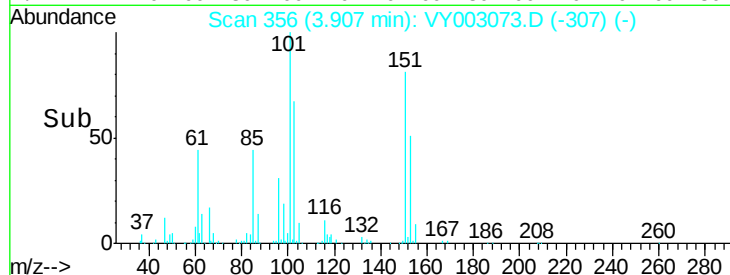
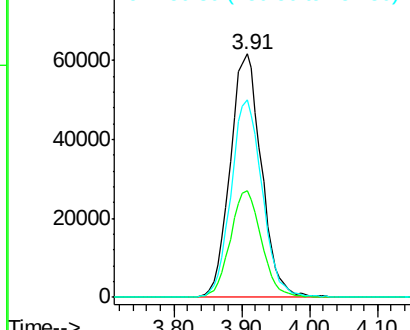


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.321 ug/l

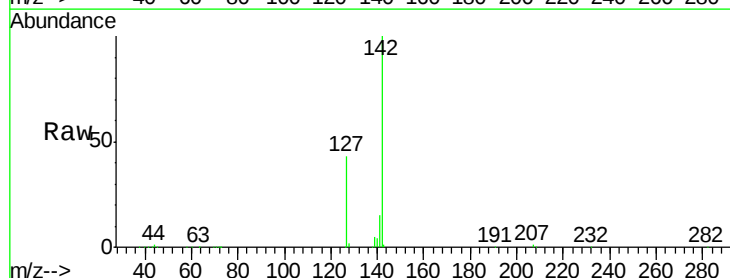
RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Tgt Ion:	142	Resp:	240670
Ion Ratio	Lower	Upper	
142	100		
127	41.7	34.2	51.2
141	14.4	11.7	17.5

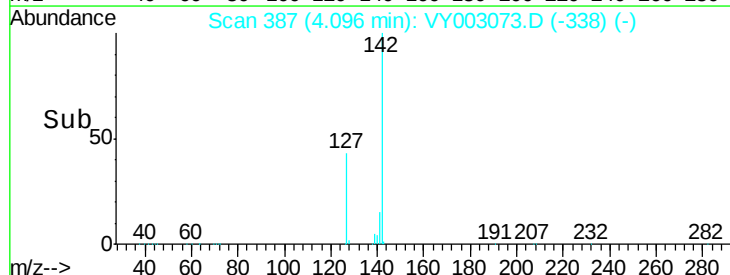
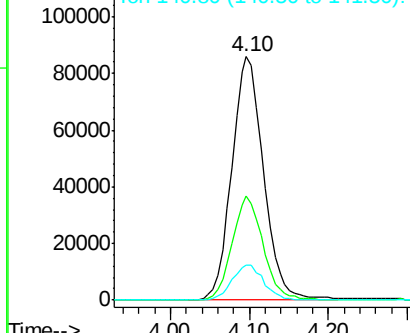


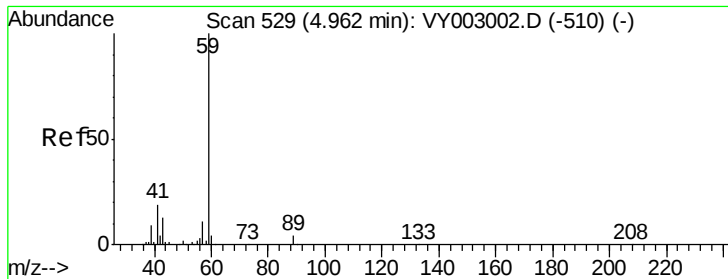
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





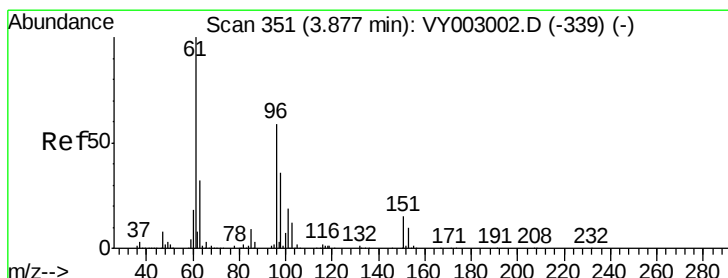
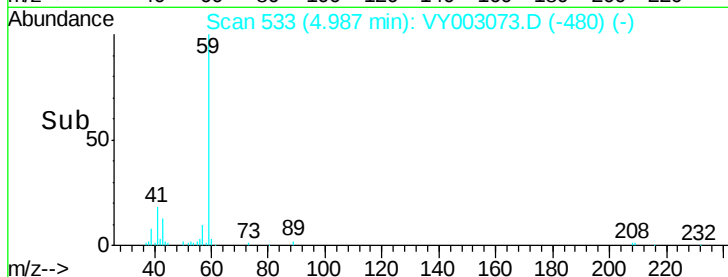
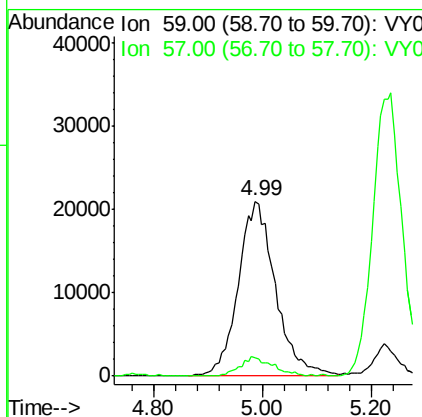
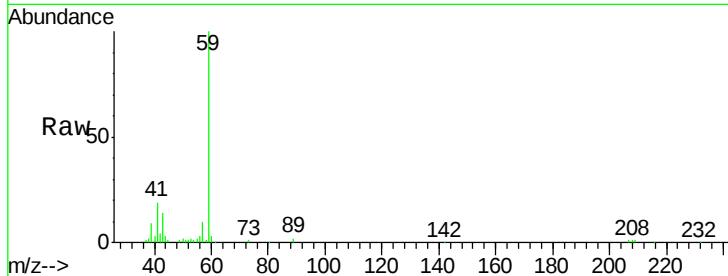
#11
Tert butyl alcohol
Concen: 242.825 ug/l
RT: 4.99 min Scan# 533
Delta R.T. 0.02 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	100010
Ion Ratio	59	100	
Lower	57	10.0	8.0
Upper			12.0

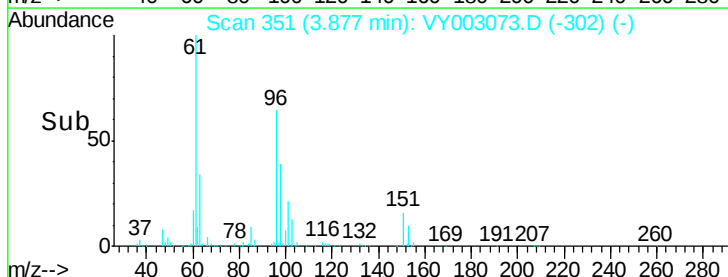
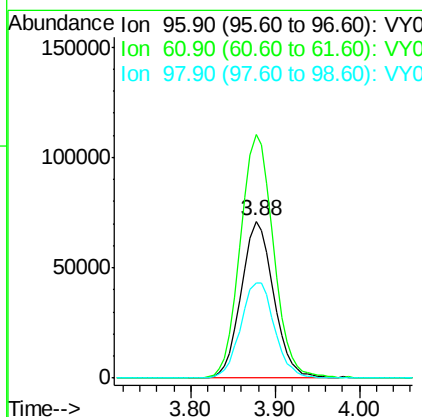
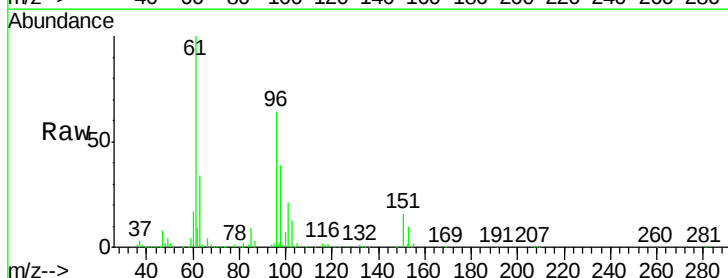
Manual Integrations
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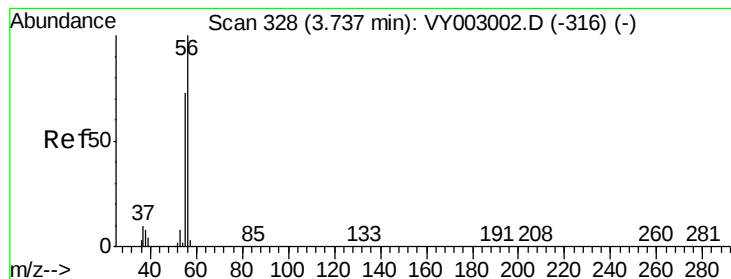
MMDadoda
7/2/2020 5:01:39 PM



#12
1,1-Dichloroethene
Concen: 52.549 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	96	Resp	185476
Ion Ratio	96	100	
Lower	61	155.5	136.7
Upper	98	61.0	49.7





#13

Acrolein

Concen: 229.820 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 85013

Ion Ratio Lower Upper

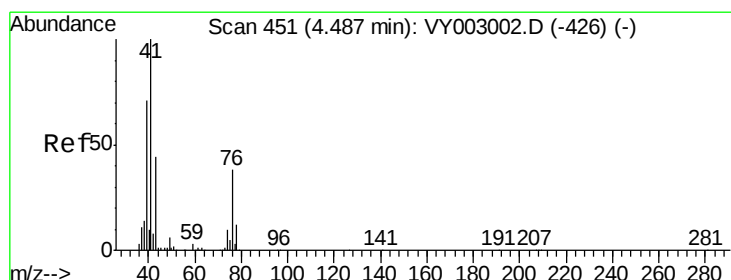
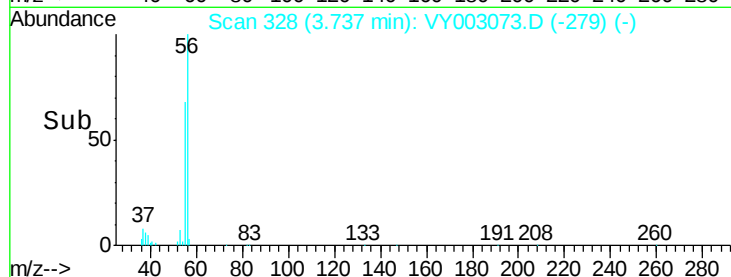
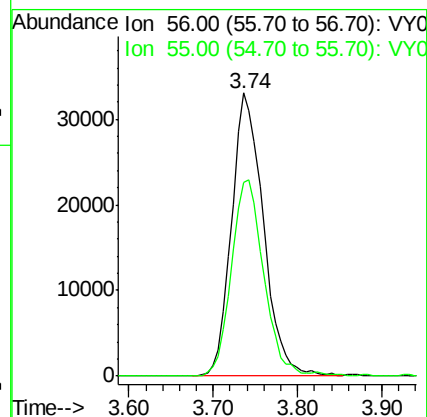
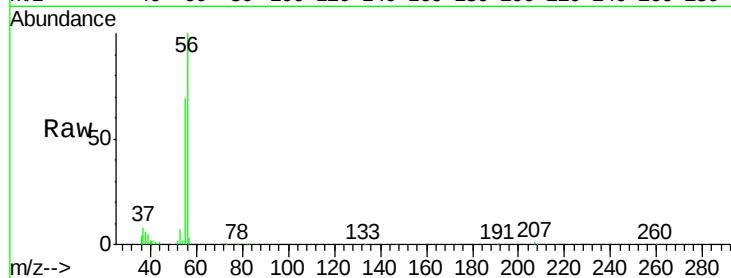
56 100

55 69.9 56.4 84.6

Manual Integrations
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#14

Allyl chloride

Concen: 46.574 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

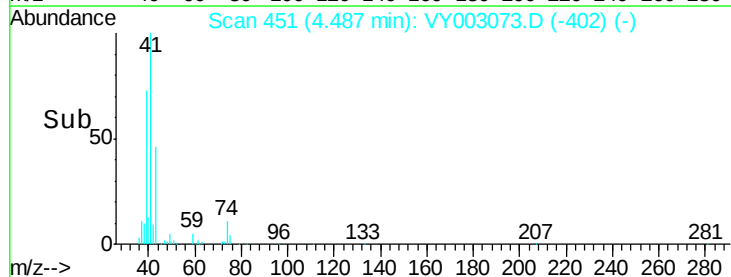
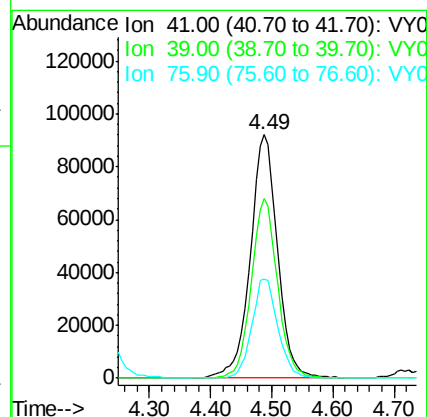
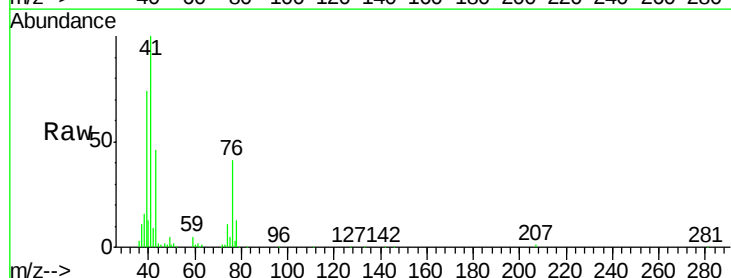
Tgt Ion: 41 Resp: 287009

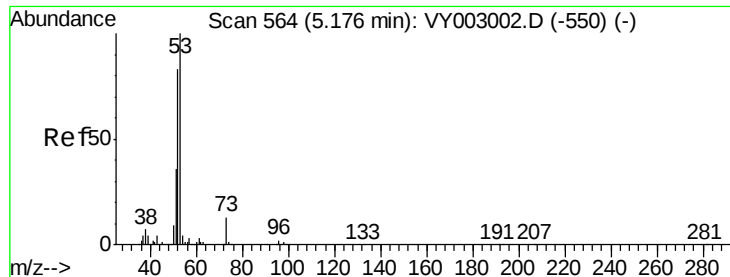
Ion Ratio Lower Upper

41 100

39 71.3 55.6 83.4

76 38.9 28.6 43.0





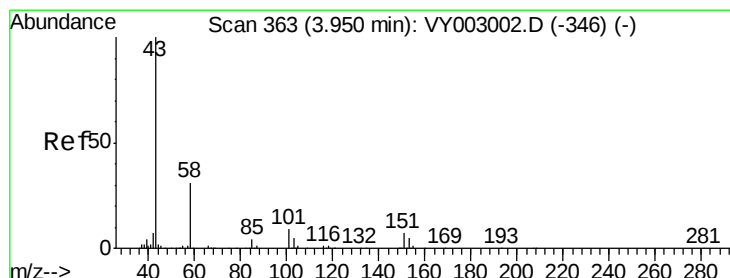
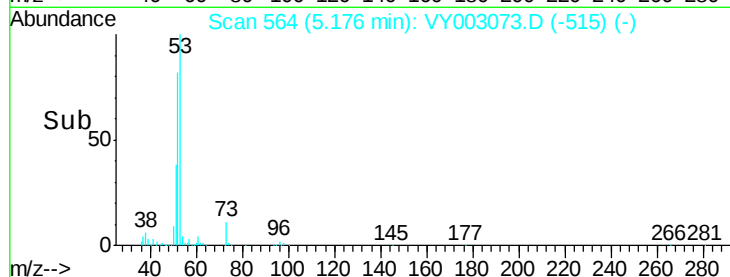
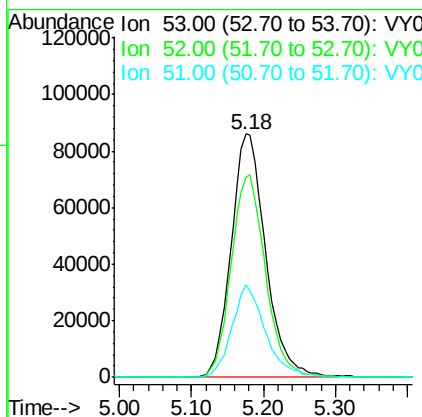
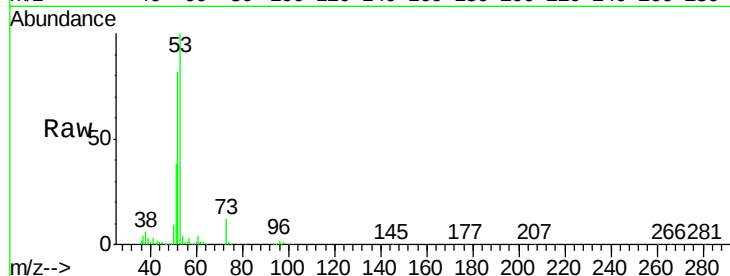
#15
Acrylonitrile
Concen: 260.790 ug/l
RT: 5.18 min Scan# 564
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	53	Resp:	286265
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.2	99.2
51	36.8	29.5	44.3

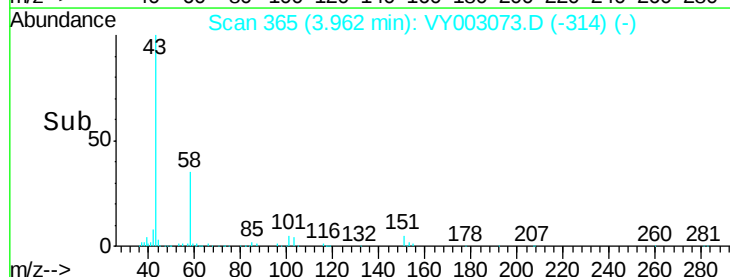
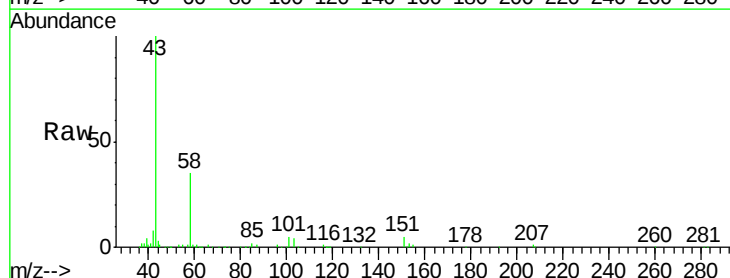
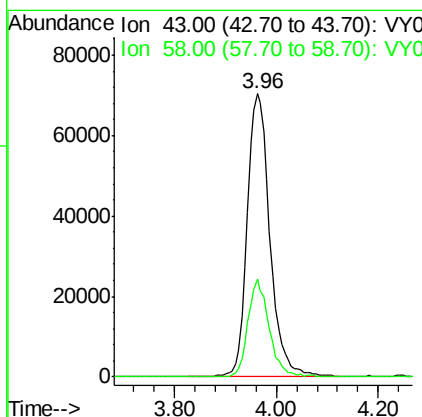
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#16
Acetone
Concen: 228.392 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion:	43	Resp:	217691
Ion Ratio	Lower	Upper	
43	100		
58	34.7	24.7	37.1





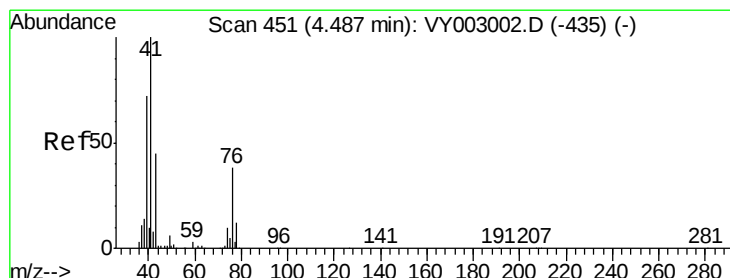
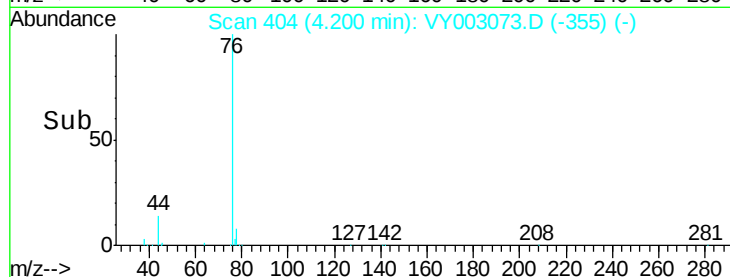
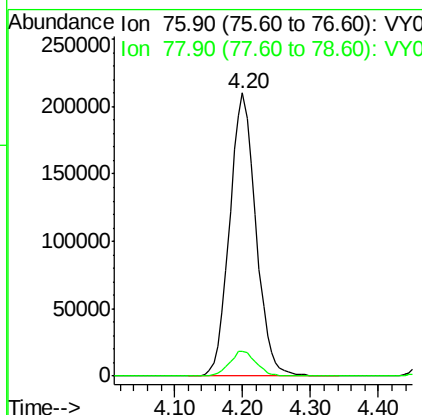
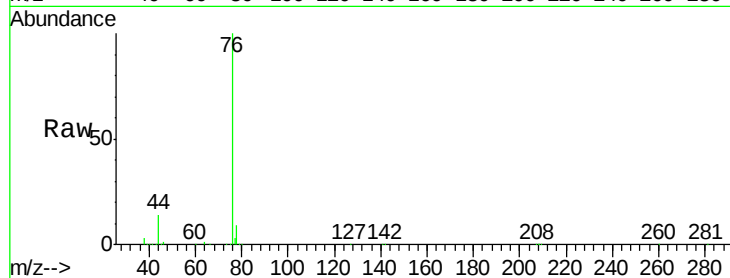
#17
Carbon Disulfide
Concen: 49.849 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

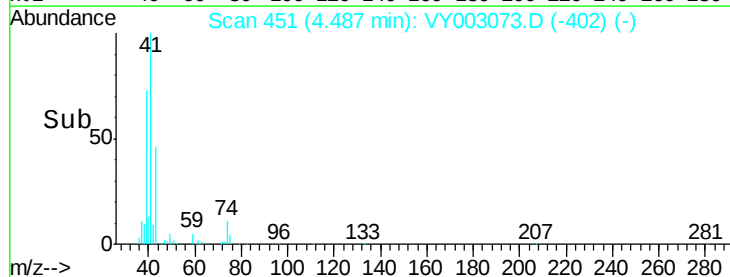
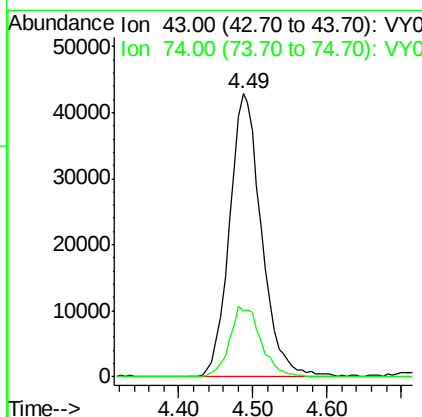
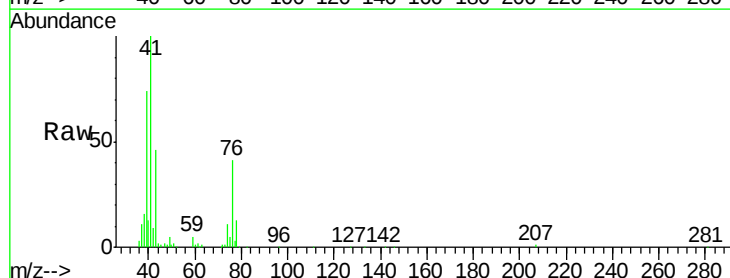
Manual Integrations
APPROVED

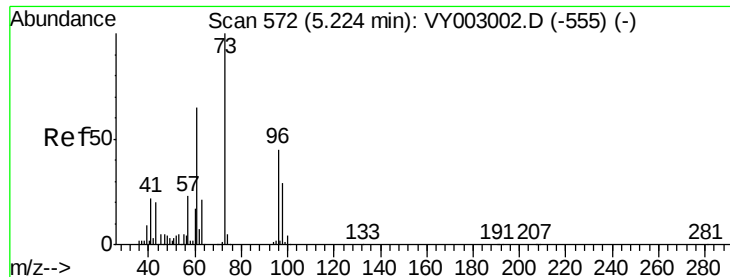
MMDadoda
7/2/2020 5:01:39 PM



#18
Methyl Acetate
Concen: 50.137 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	18.2	27.4





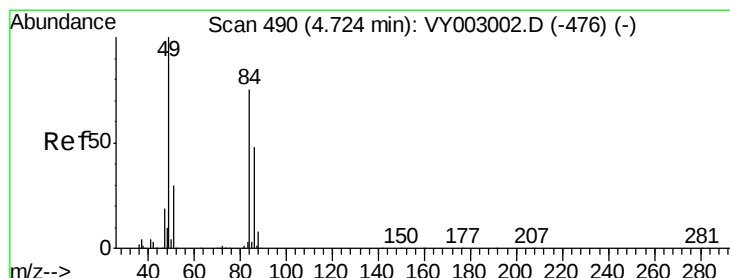
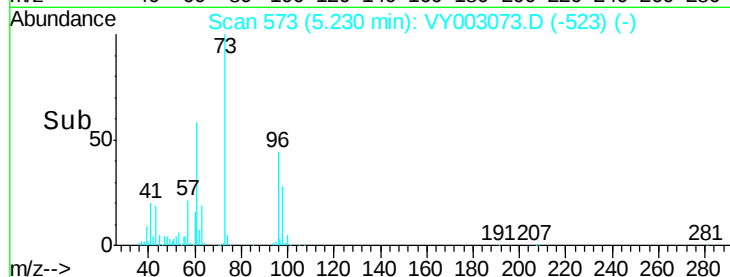
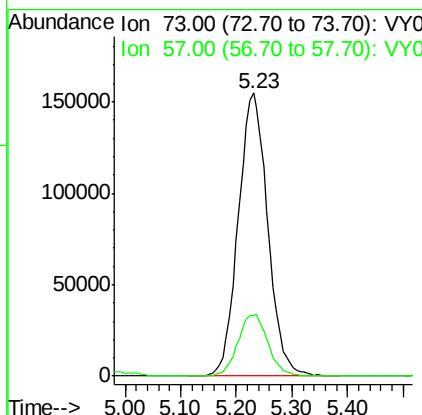
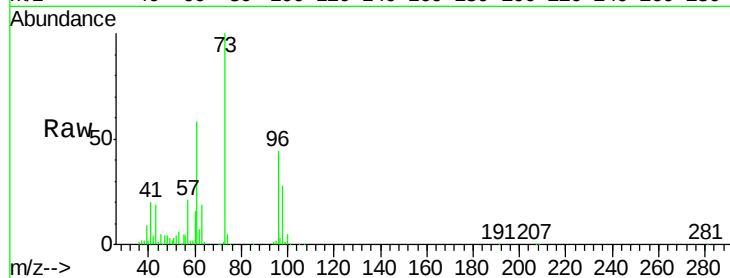
#19
Methvl tert-butvl Ether
Concen: 55.168 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	18.2	27.2

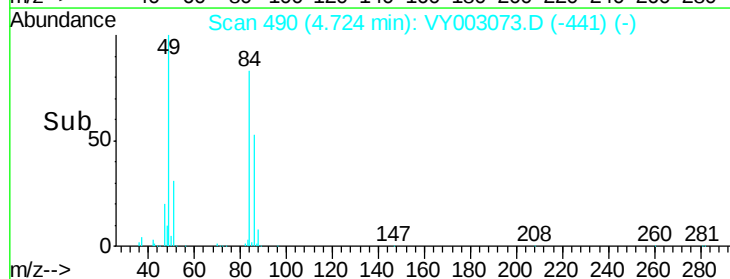
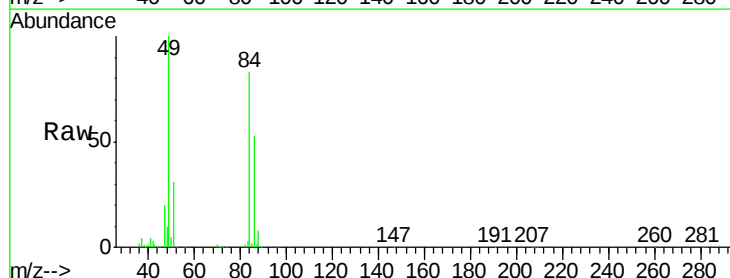
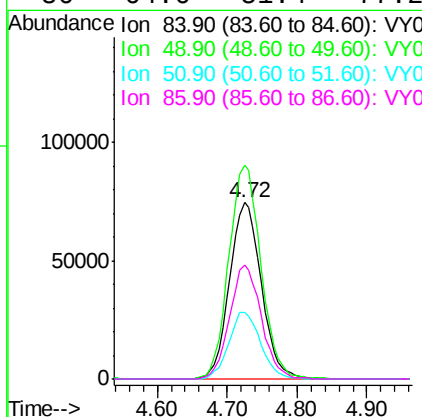
Manual Integrations
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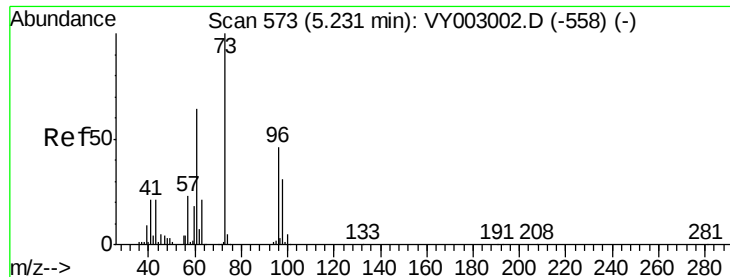
MMDadoda
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#20
Methylene Chloride
Concen: 56.328 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.9	106.8	160.2
51	37.9	32.0	48.0
86	64.6	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 53.176 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

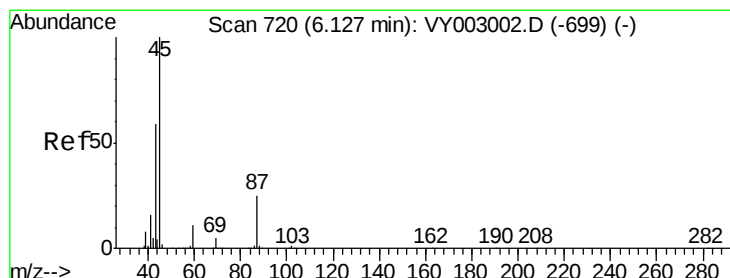
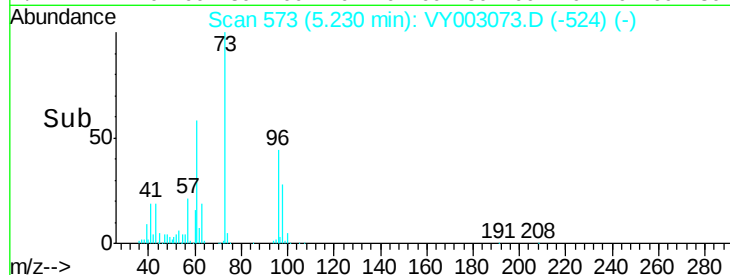
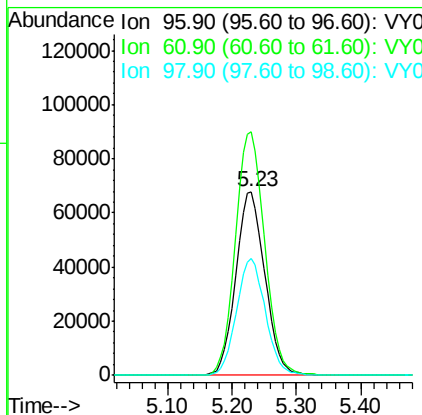
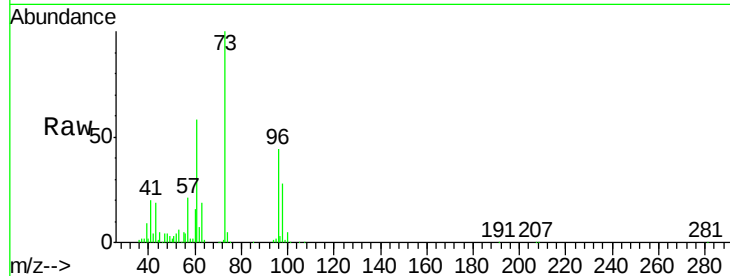
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	212302
Ion	Ratio	Lower	Upper
96	100		
61	132.3	112.3	168.5
98	63.8	53.8	80.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.848 ug/l

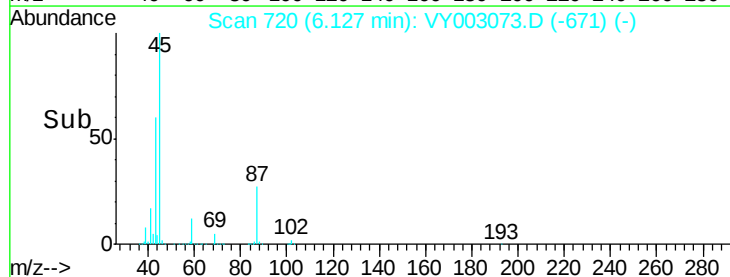
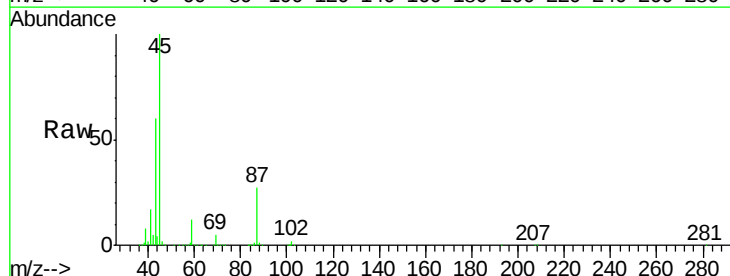
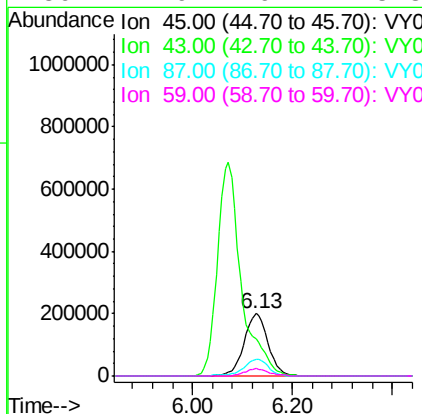
RT: 6.13 min Scan# 720

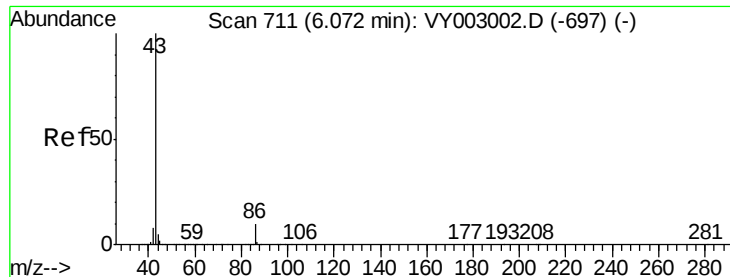
Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Tgt Ion:	45	Resp:	671610
Ion	Ratio	Lower	Upper
45	100		
43	59.6	47.4	71.2
87	26.9	20.2	30.2
59	11.9	9.2	13.8





#23

Vinyl Acetate

Concen: 258.336 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2281243

Ion Ratio Lower Upper

43 100

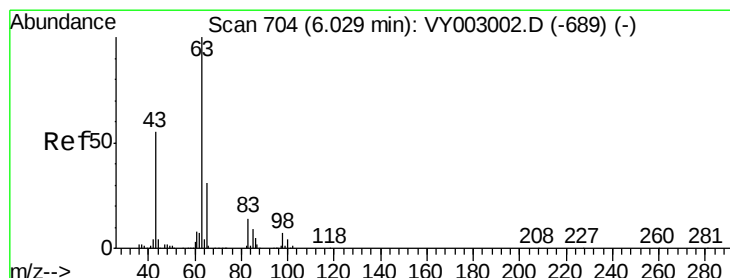
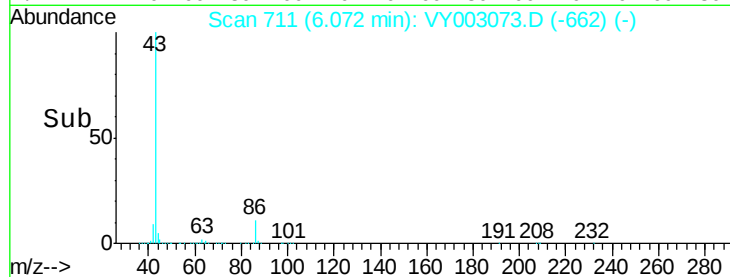
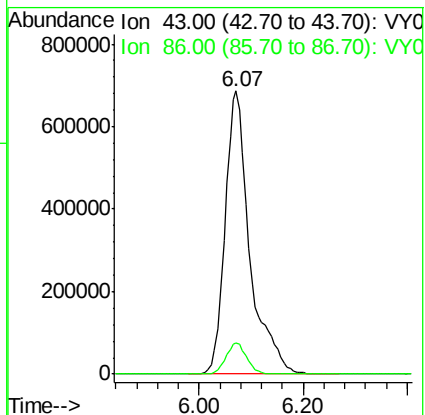
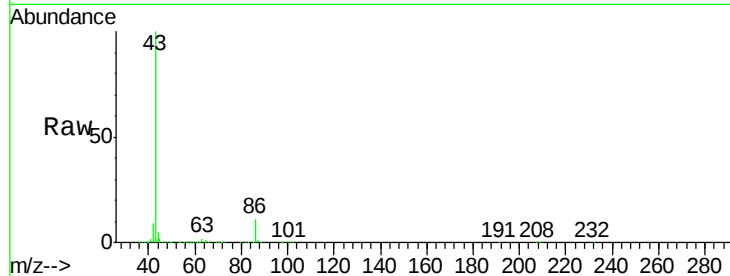
86 10.8 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.521 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

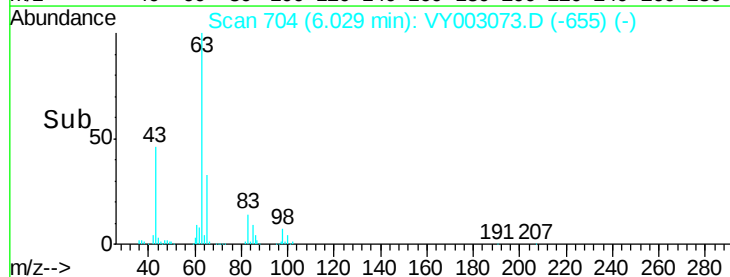
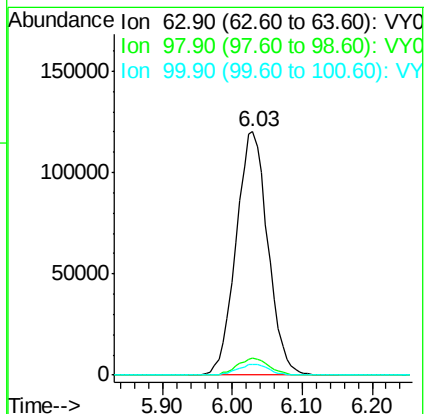
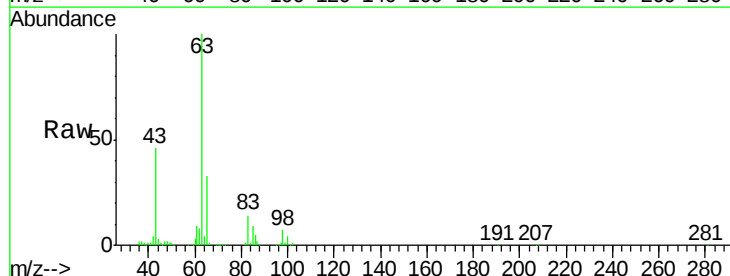
Tgt Ion: 63 Resp: 378938

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 254.890 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 385923

Ion Ratio Lower Upper

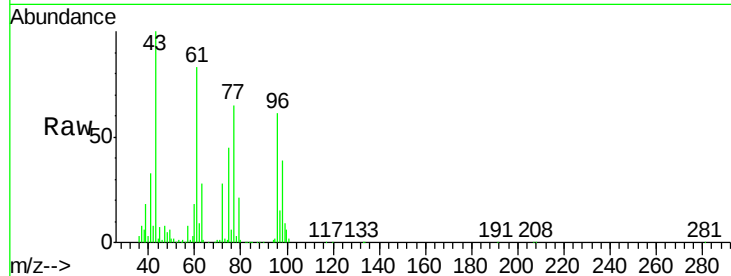
43 100

72 28.0 21.4 32.0

Manual Integrations
APPROVED

MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

150000

100000

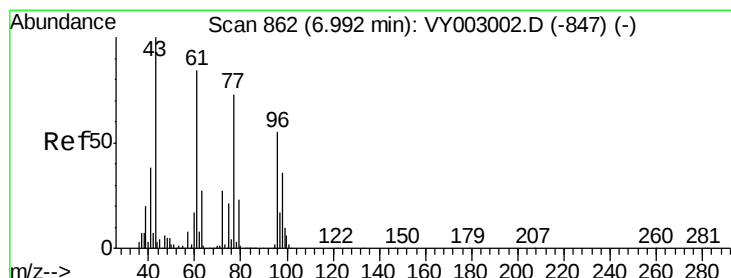
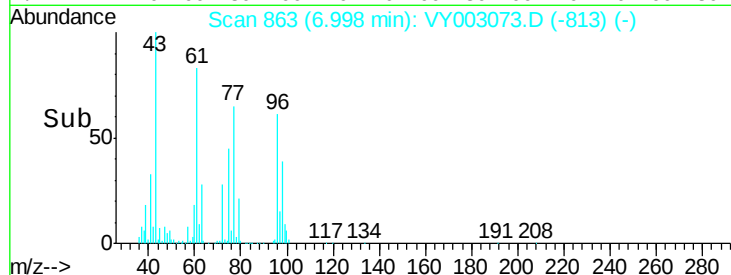
50000

0

7.00

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 47.306 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003073.D

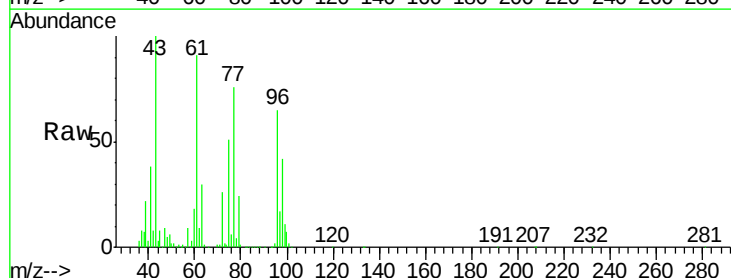
Acq: 01 Jul 2020 21:02

Tgt Ion: 77 Resp: 310105

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

120000

100000

80000

60000

40000

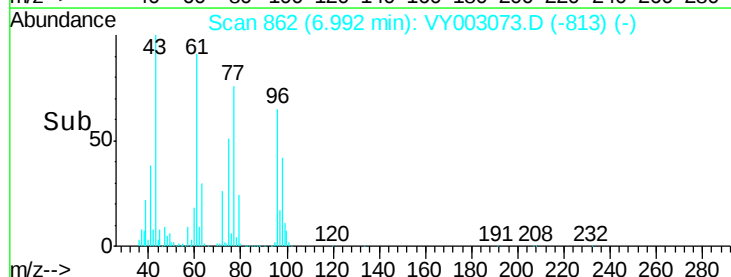
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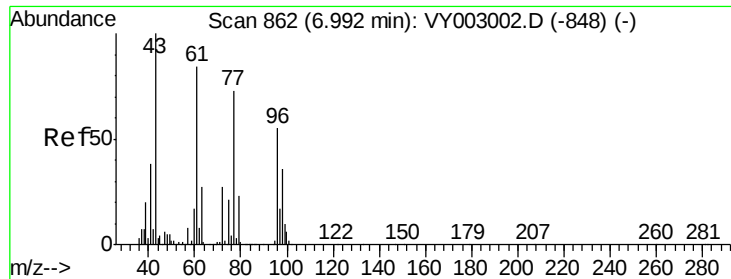
0

6.99

6.90 7.00 7.10

Time-->





#27

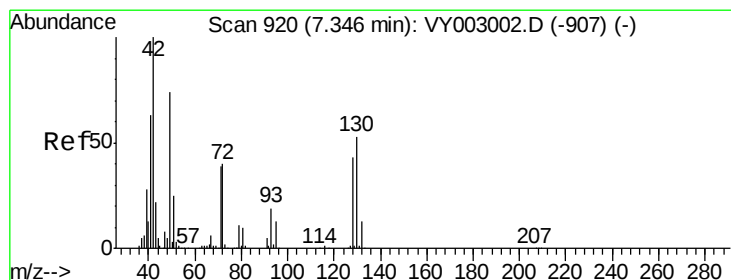
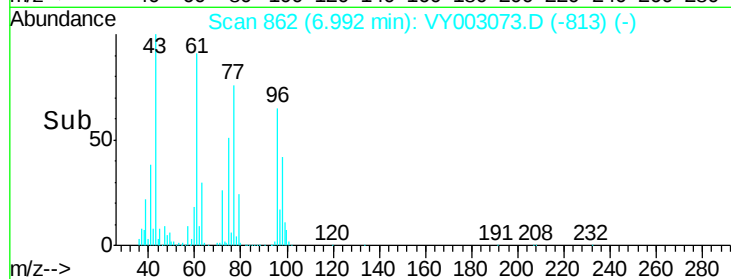
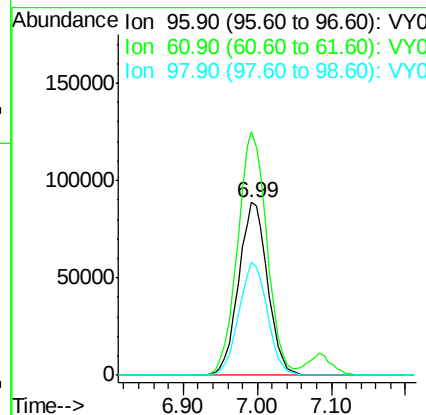
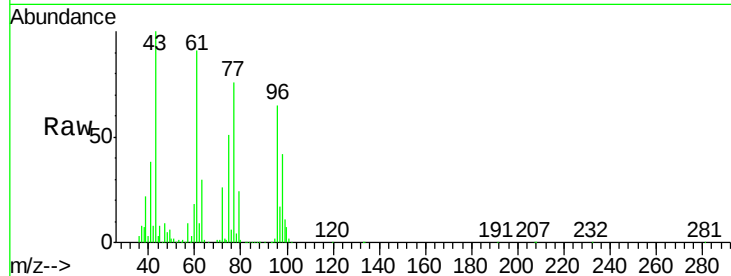
cis-1,2-Dichloroethene
Concen: 53.998 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	241805		
61	142.5	0.0	301.2	
98	64.6	0.0	129.0	

Manual Integrations
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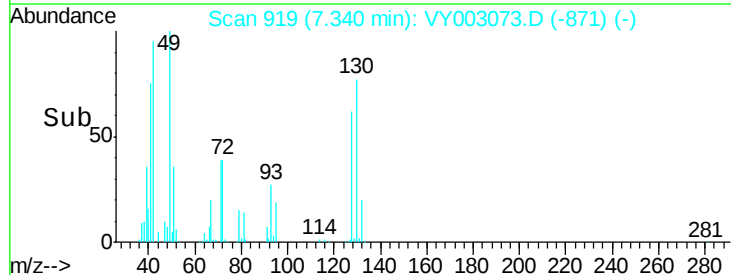
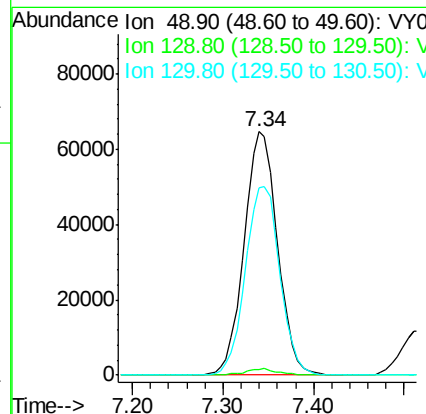
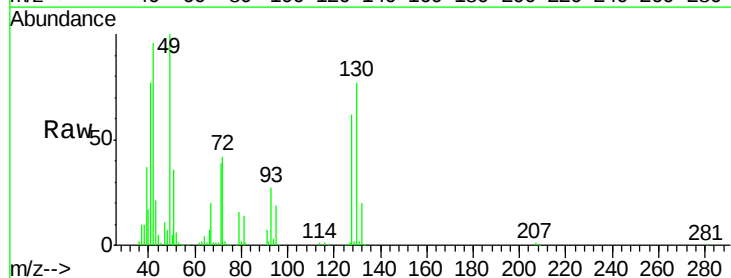
MMDadoda
7/2/2020 5:01:39 PM

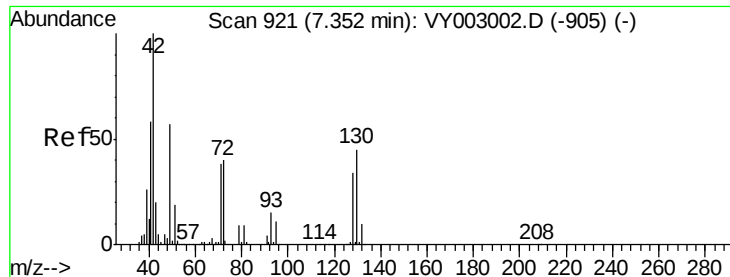


#28

Bromochloromethane
Concen: 51.058 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	163912		
129	2.5	0.0	4.4	
130	80.3	57.0	85.6	





#29

Tetrahydrofuran

Concen: 260.496 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

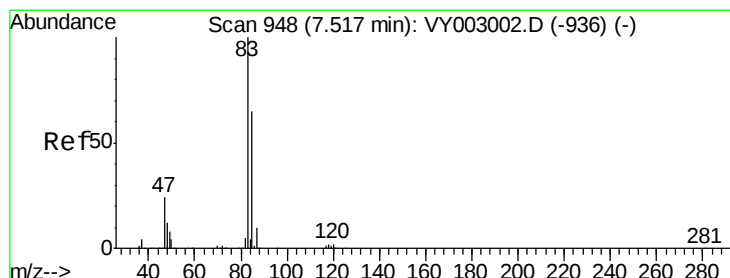
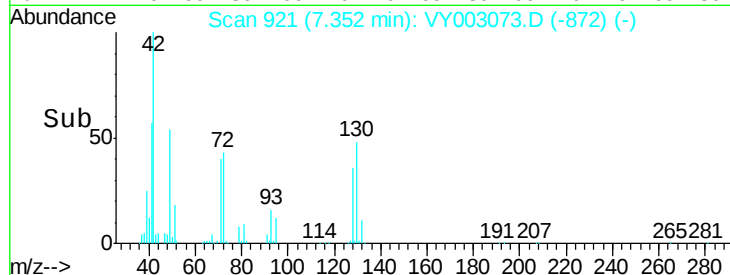
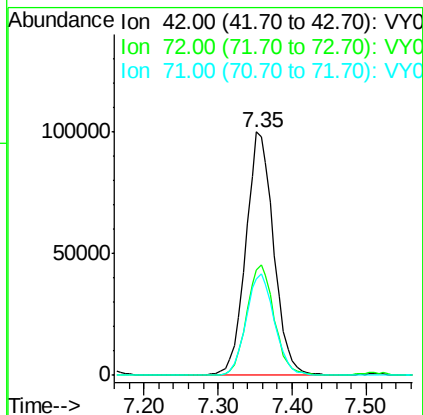
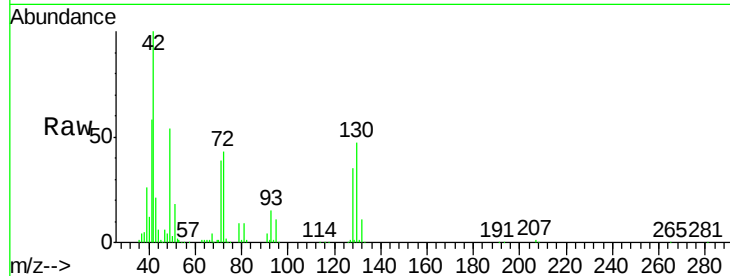
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	262284
Ion	Ratio	Lower	Upper
42	100		
72	44.7	32.9	49.3
71	42.1	31.2	46.8

Manual Integrations
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7/2/2020 5:01:39 PM



#30

Chloroform

Concen: 53.357 ug/l

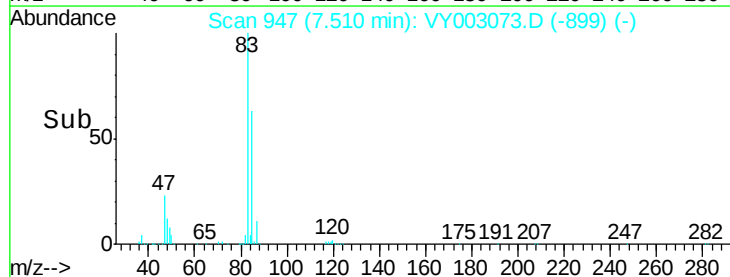
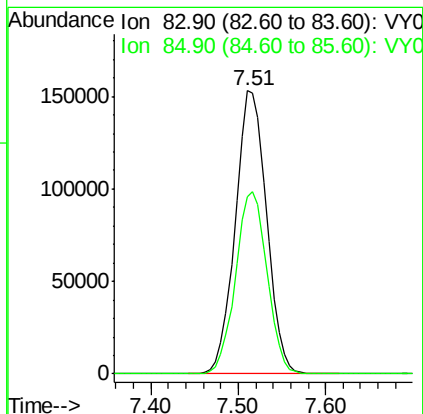
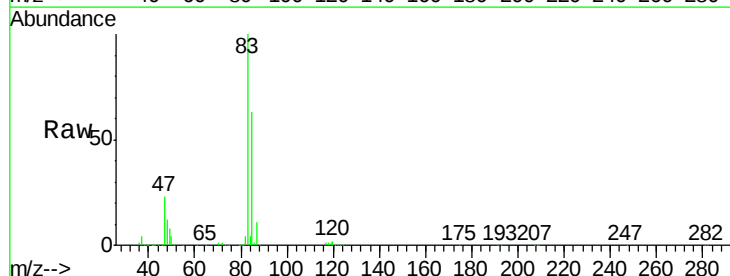
RT: 7.51 min Scan# 947

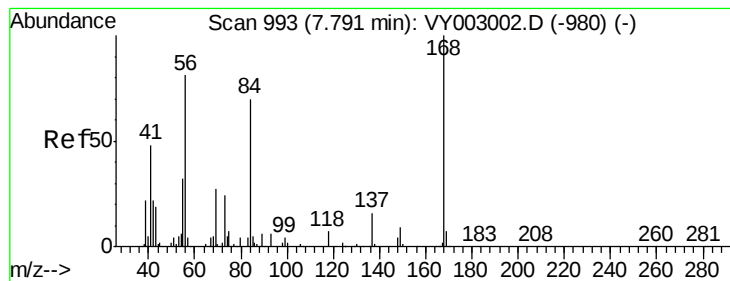
Delta R.T. -0.01 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Tgt Ion:	83	Resp:	381389
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.7	77.5





#31

Cyclohexane

Concen: 46.395 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

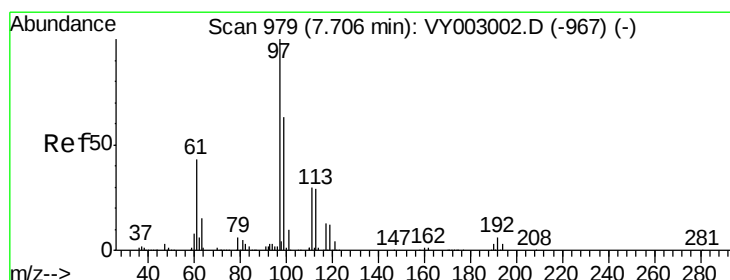
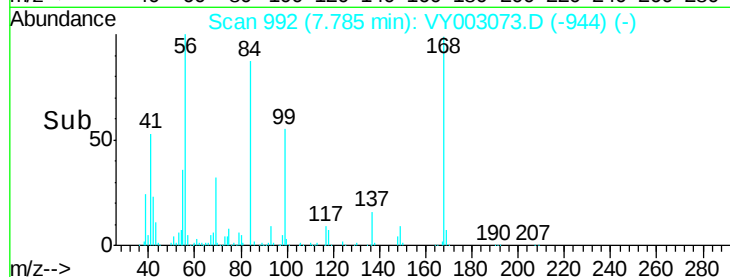
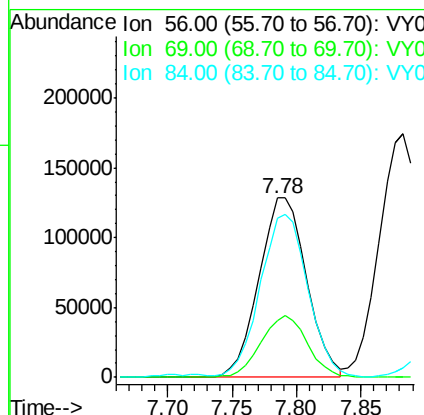
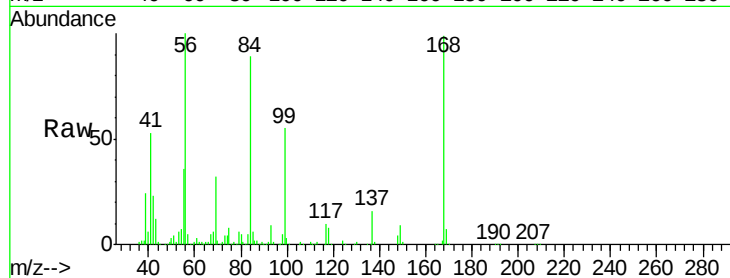
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	329769
Ion Ratio	Lower	Upper	
56	100		
69	31.9	27.0	40.4
84	87.1	68.1	102.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.453 ug/l

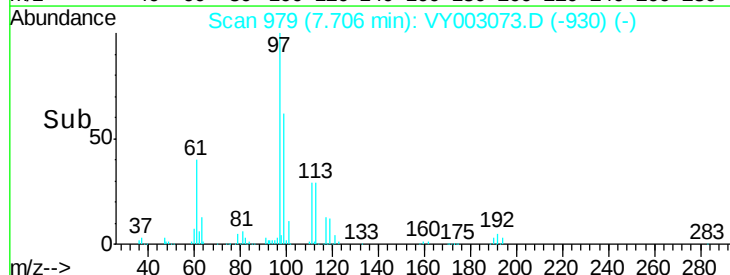
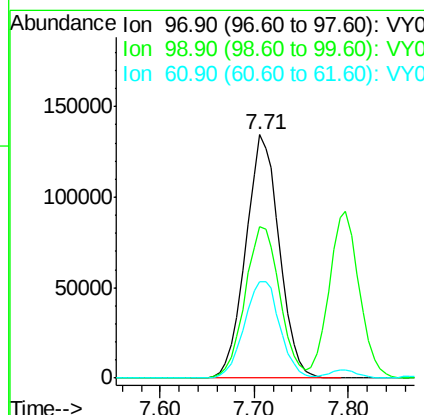
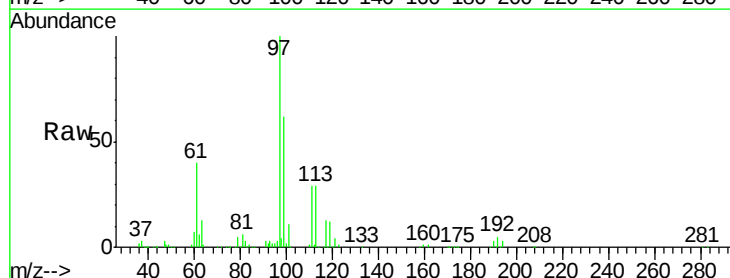
RT: 7.71 min Scan# 979

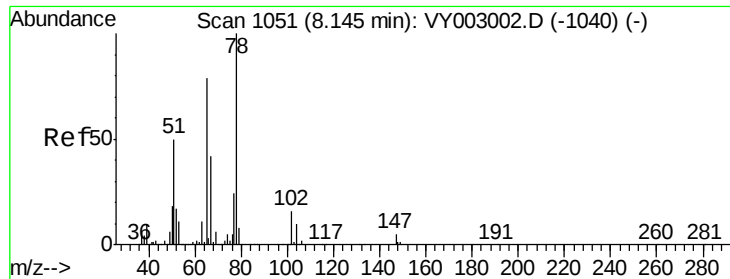
Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Tgt Ion:	97	Resp:	335705
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.4	77.2
61	42.2	33.9	50.9





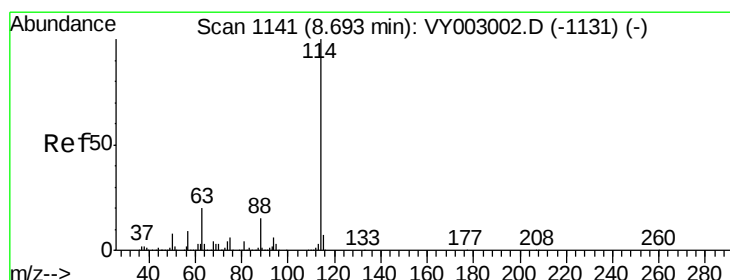
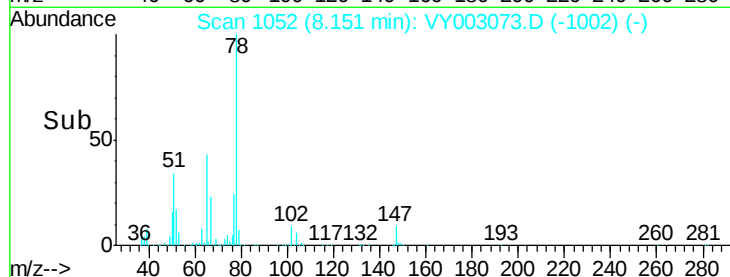
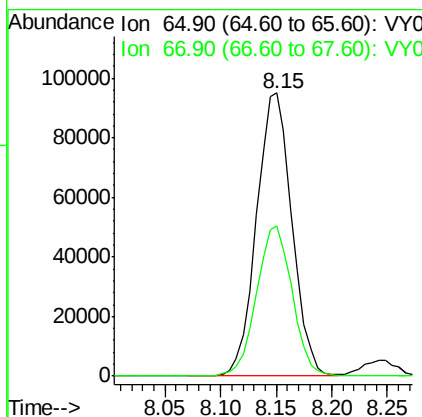
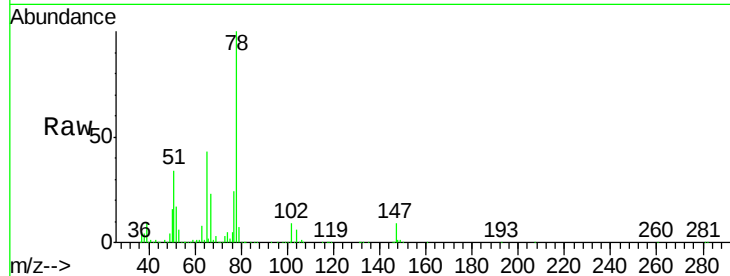
#33
 1,2-Dichloroethane-d4
 Concen: 52.060 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	210395		
67	53.4	0.0	105.6	

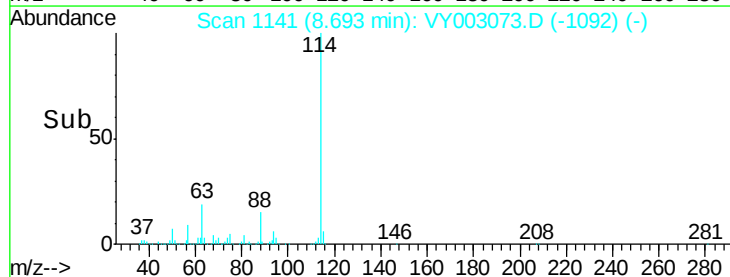
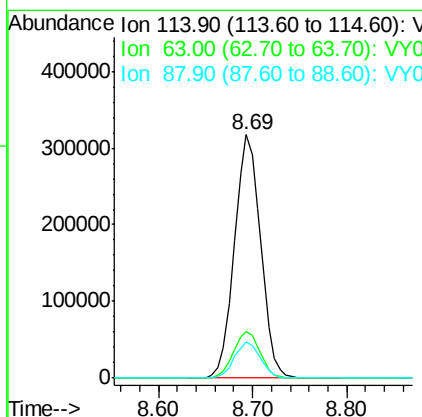
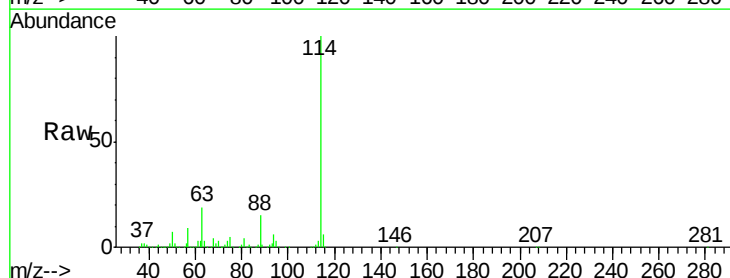
Manual Integrations
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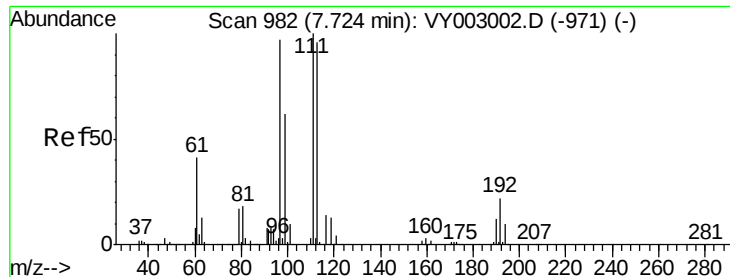
MMDadoda
 7/2/2020 5:01:39 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	612383		
63	19.3	0.0	40.6	
88	14.9	0.0	30.0	





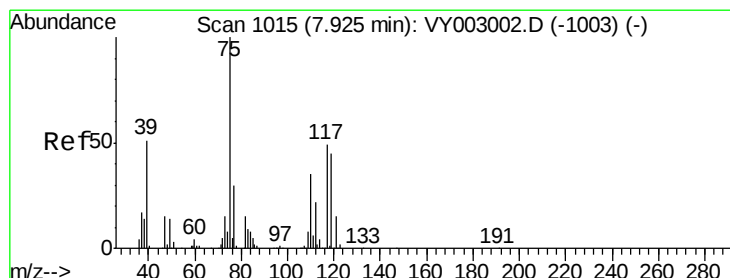
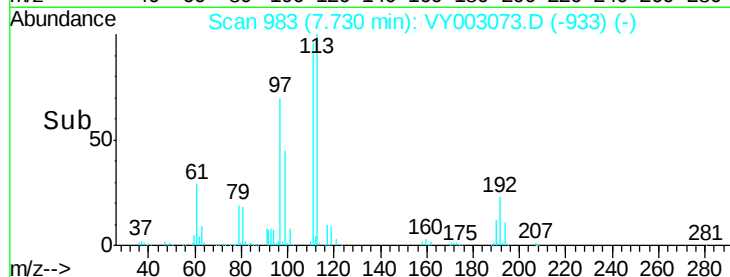
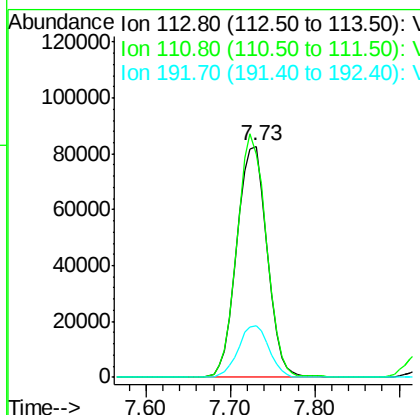
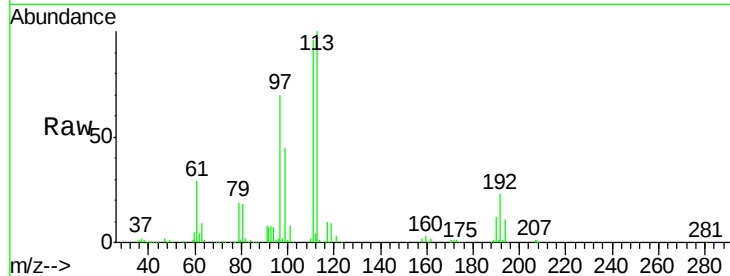
#35
 Dibromofluoromethane
 Concen: 52.661 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	201174		
111	101.9	82.6	123.8	
192	22.7	18.1	27.1	

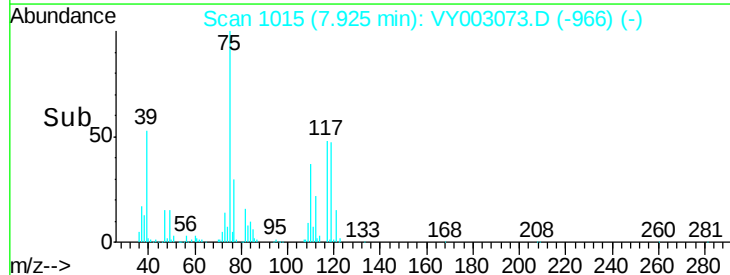
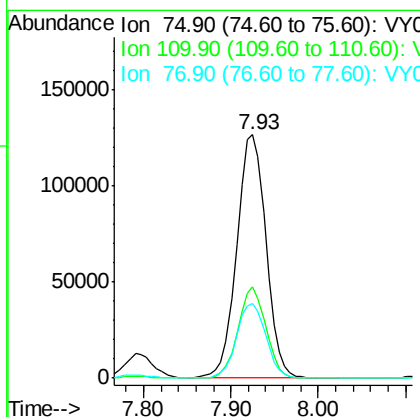
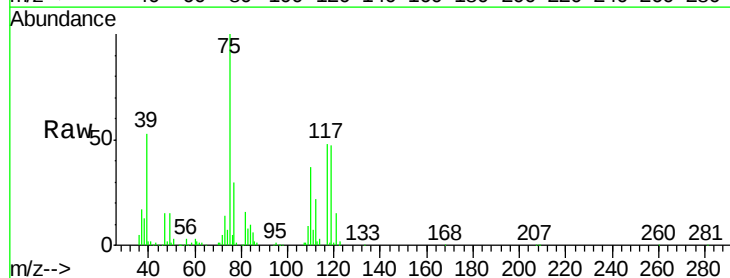
Manual Integrations
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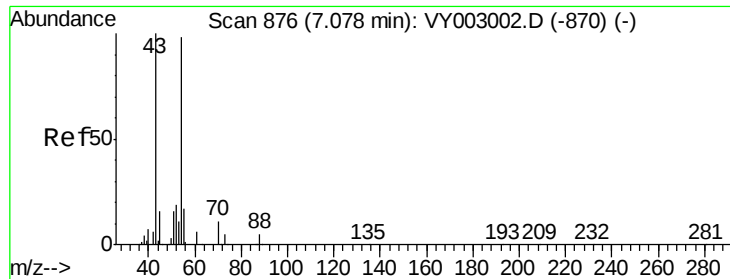
MMDadoda
 7/2/2020 5:01:39 PM



#36
 1,1-Dichloropropene
 Concen: 49.760 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	293520		
110	35.7	17.1	51.2	
77	31.2	24.9	37.3	





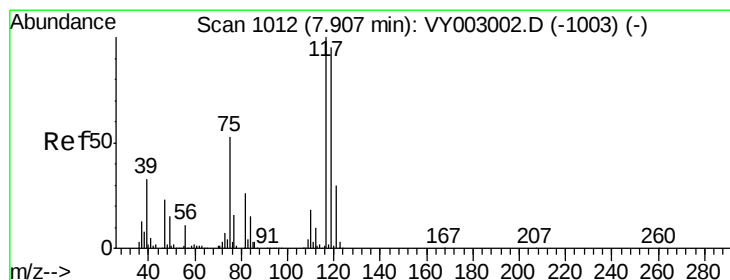
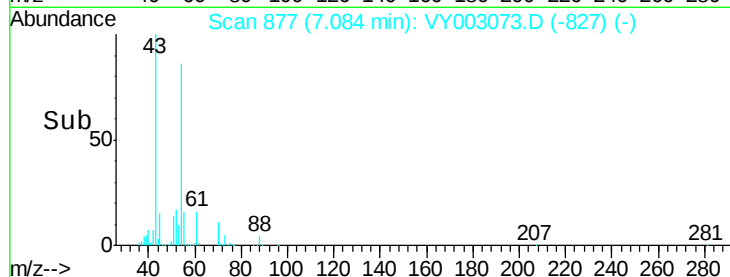
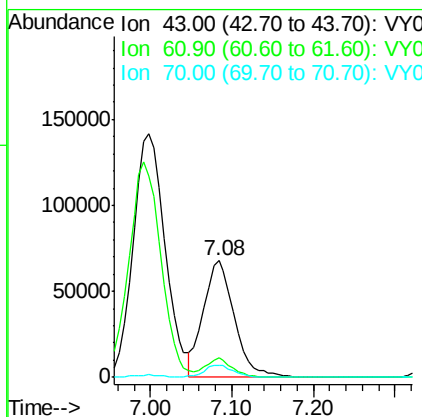
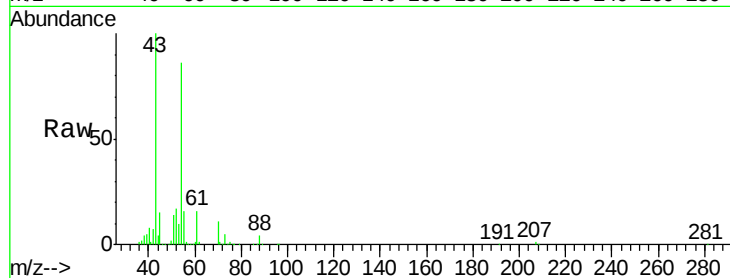
#37
Ethyl Acetate
Concen: 50.846 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.4	15.6
70	10.4	7.7	11.5

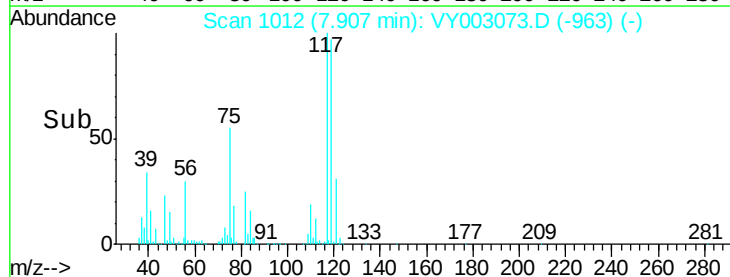
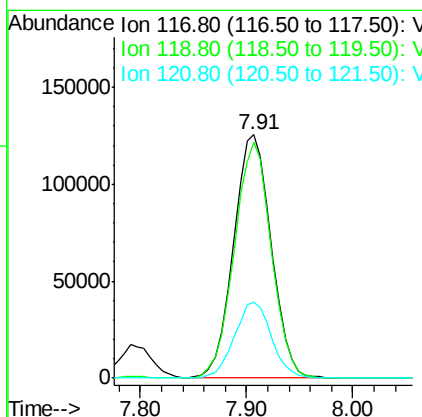
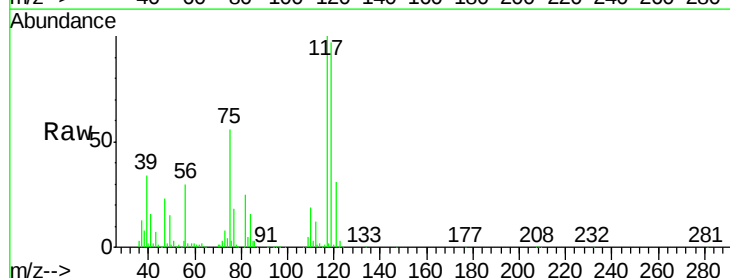
Manual Integrations
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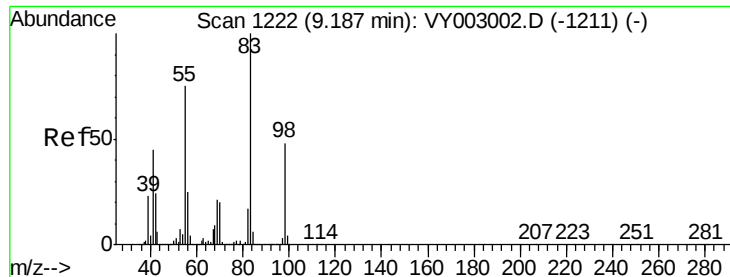
MMDadoda
7/2/2020 5:01:39 PM



#38
Carbon Tetrachloride
Concen: 50.839 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.7	113.5
121	31.3	23.9	35.9





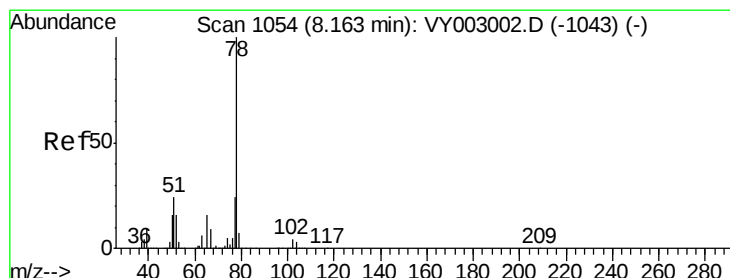
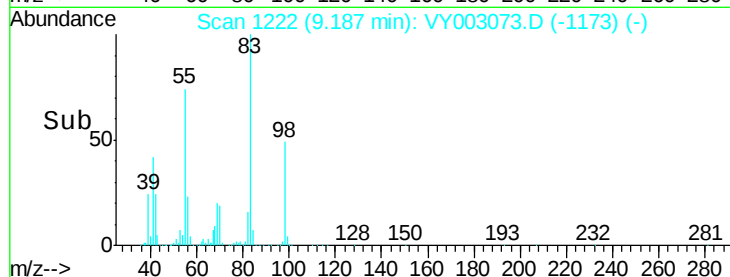
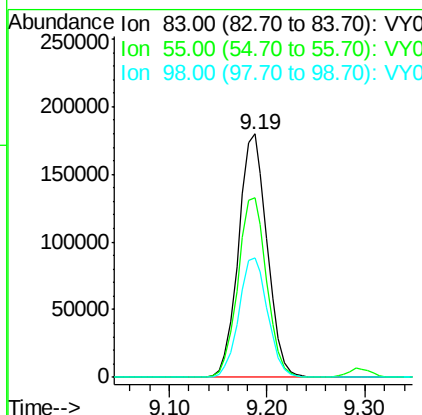
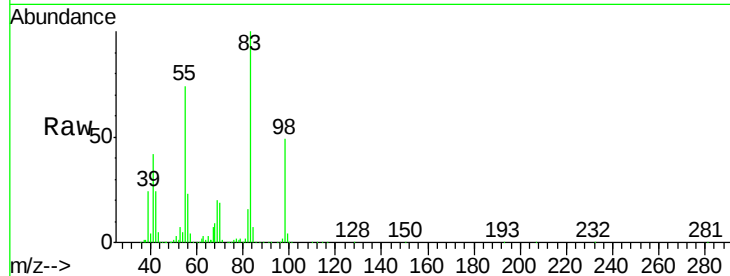
#39
Methvlcvclohexane
Concen: 49.818 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	59.9	89.9
98	49.2	38.7	58.1

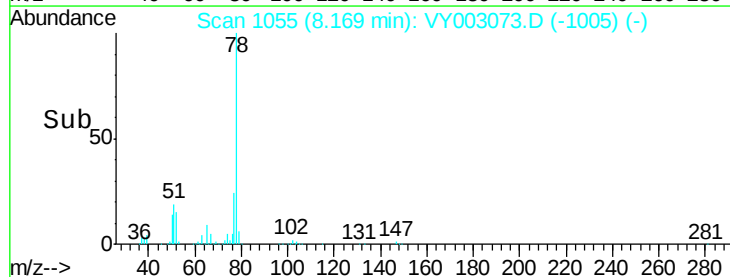
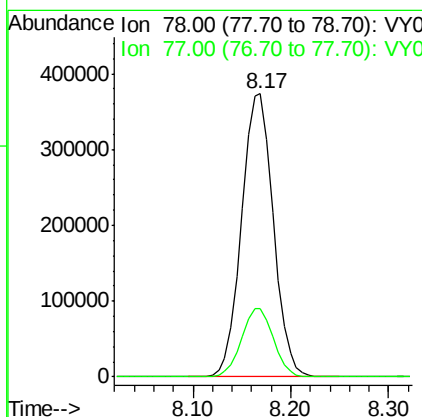
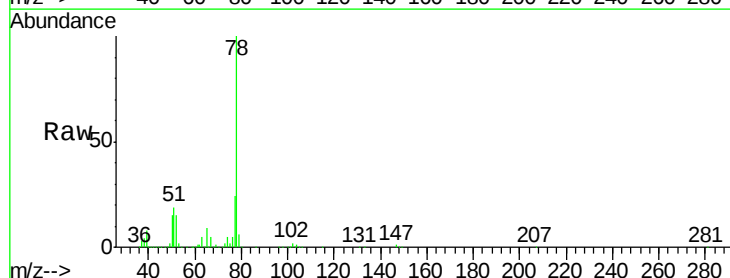
Manual Integrations
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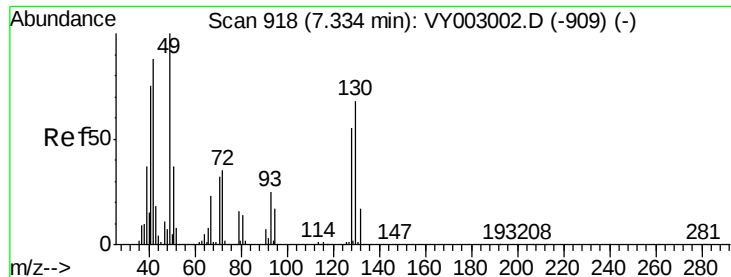
MMDadoda
7/2/2020 5:01:39 PM



#40
Benzene
Concen: 52.063 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.2	28.8





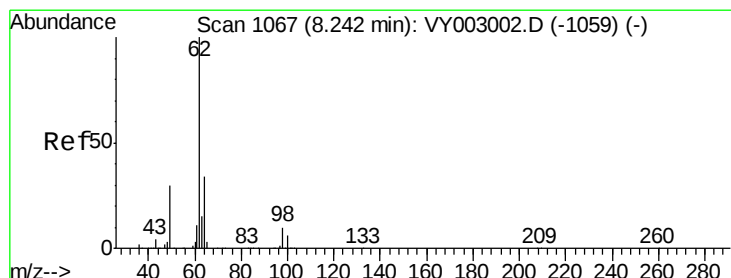
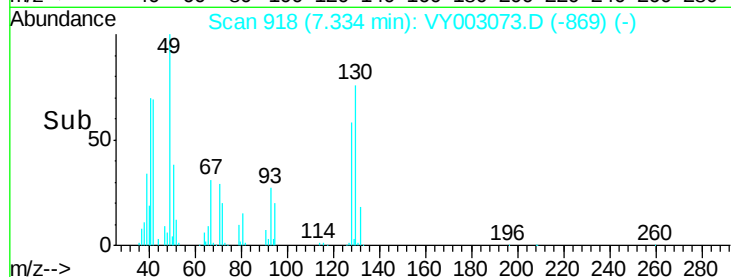
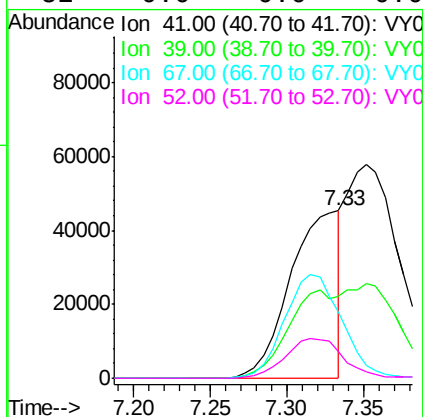
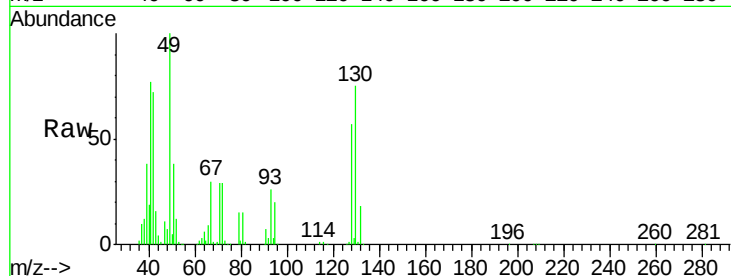
#41
Methacrylonitrile
Concen: 54.398 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

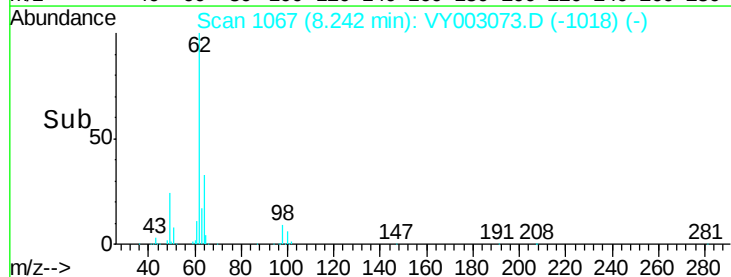
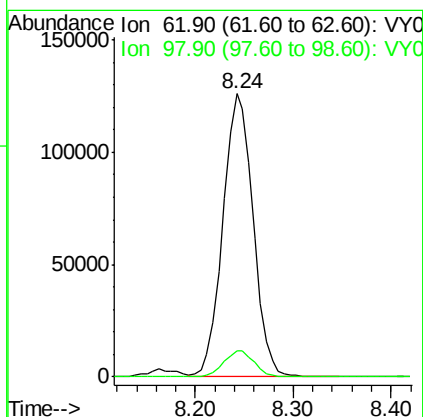
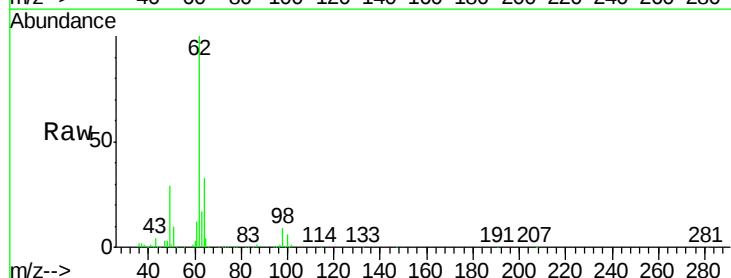
Manual Integrations
APPROVED

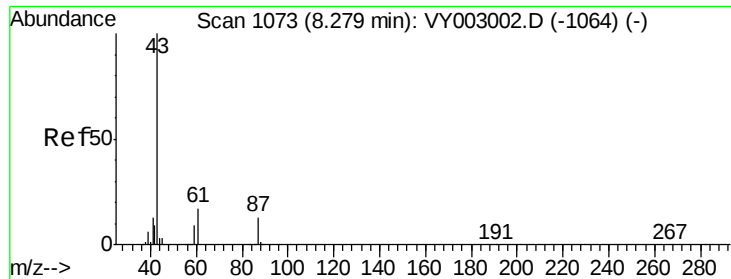
MMDadoda
7/2/2020 5:01:39 PM



#42
1,2-Dichloroethane
Concen: 52.894 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2





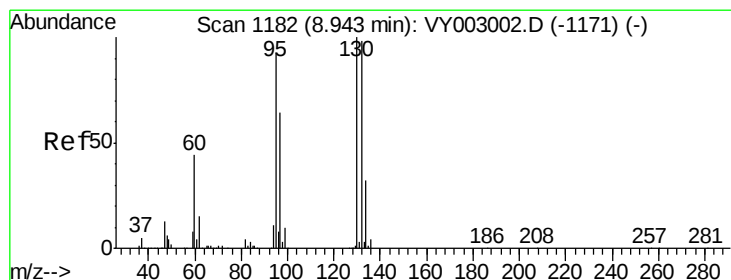
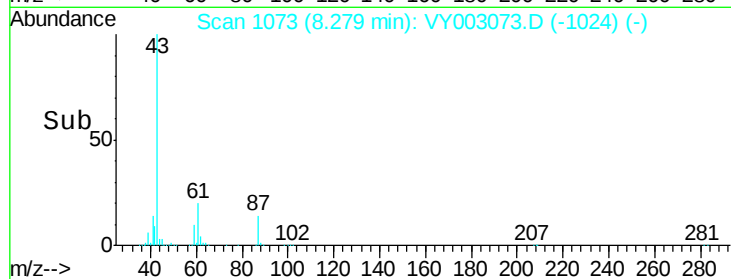
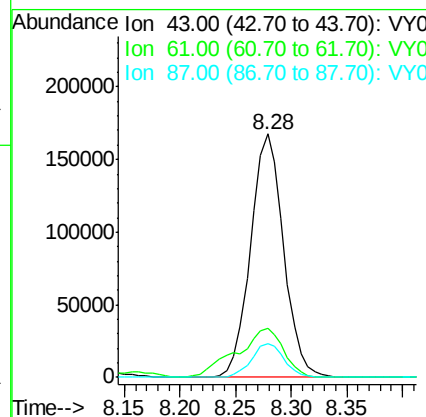
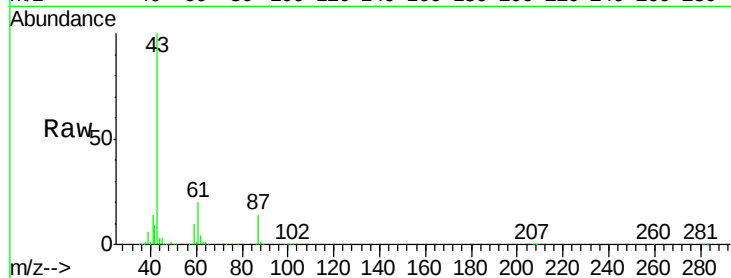
#43
Isopropyl Acetate
Concen: 51.106 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.9	21.8	32.6
87	13.8	10.1	15.1

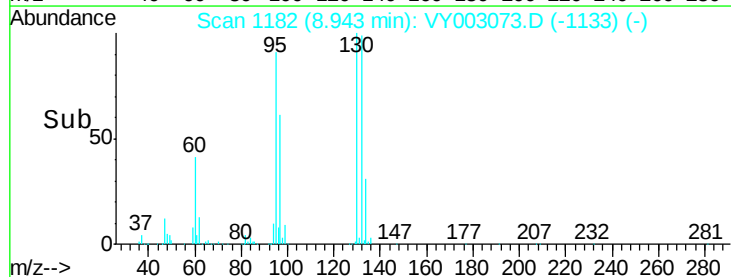
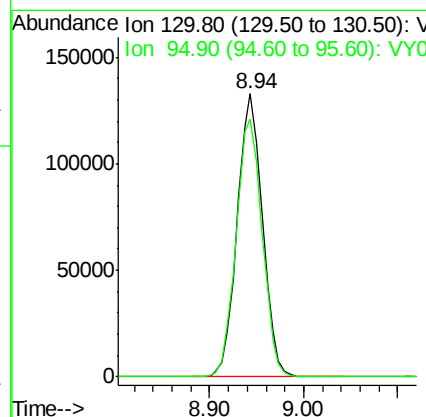
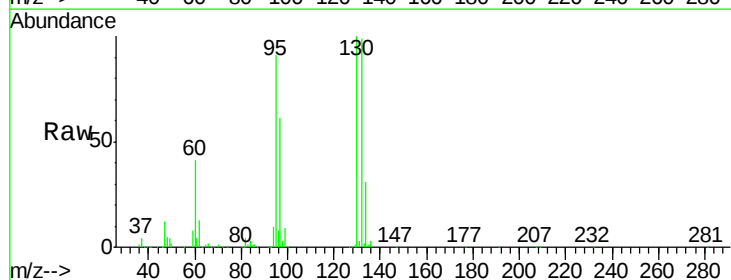
Manual Integrations
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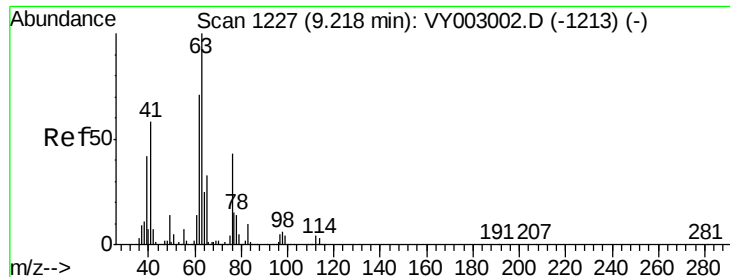
MMDadoda
7/2/2020 5:01:39 PM



#44
Trichloroethene
Concen: 52.794 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	186.4





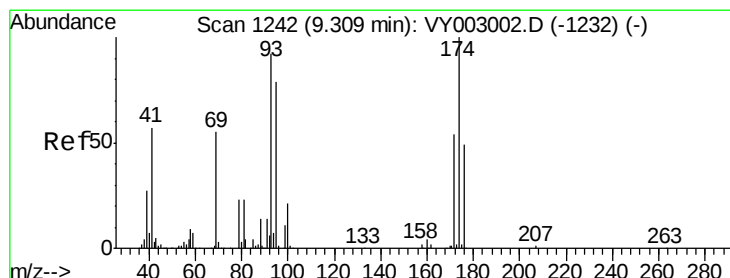
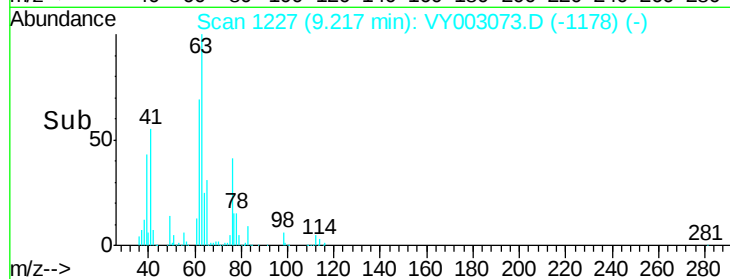
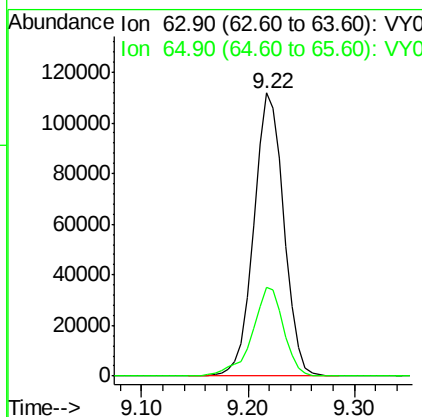
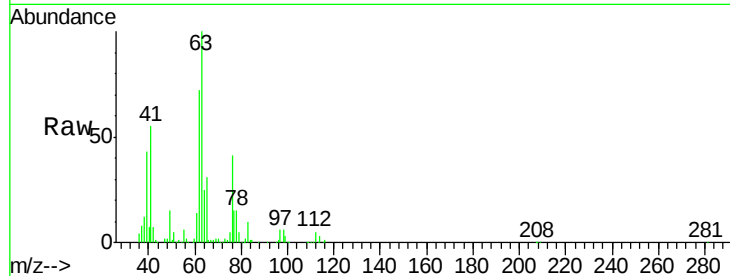
#45
 1,2-Dichloropropane
 Concen: 50.894 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	26.2	39.4

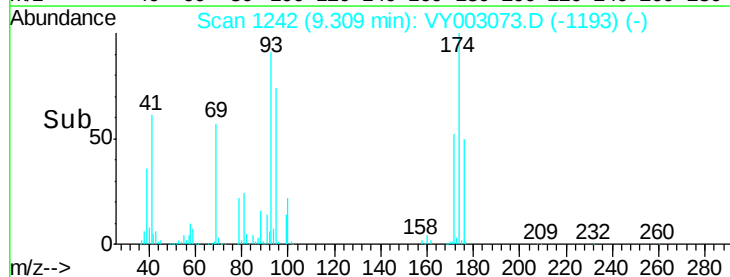
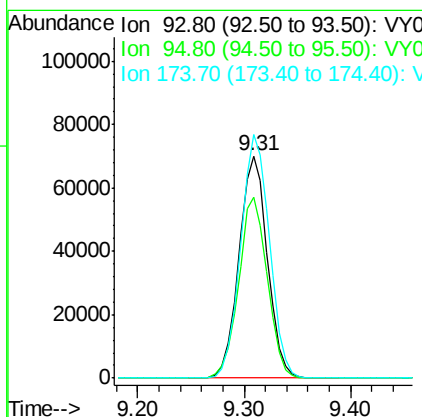
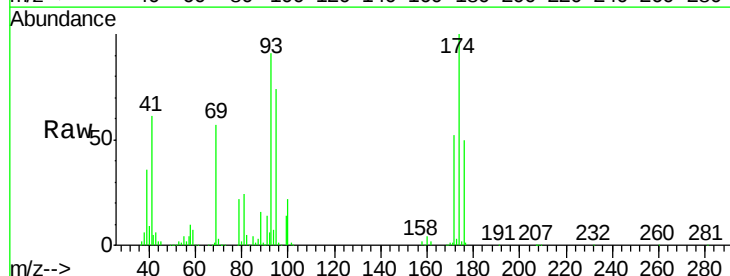
Manual Integrations
 APPROVED

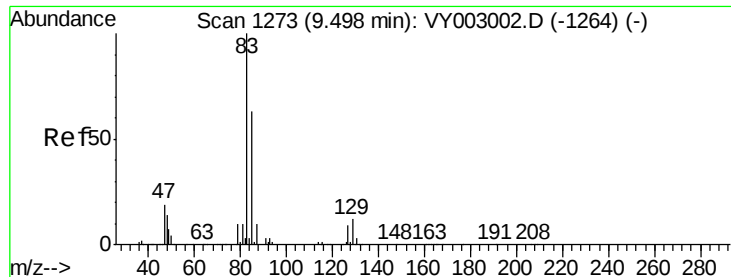
MMDadoda
 7/2/2020 5:01:39 PM



#46
 Dibromomethane
 Concen: 54.206 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	67.6	101.4
174	110.9	88.3	132.5





#47

Bromodichloromethane

Concen: 52.855 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

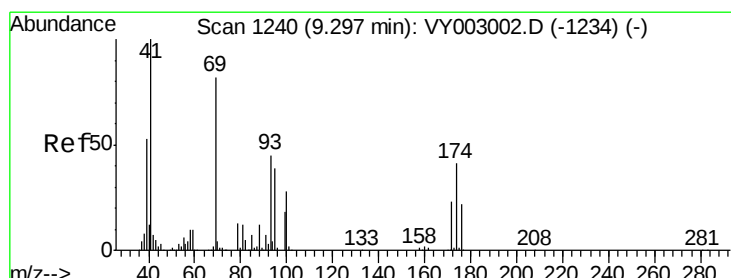
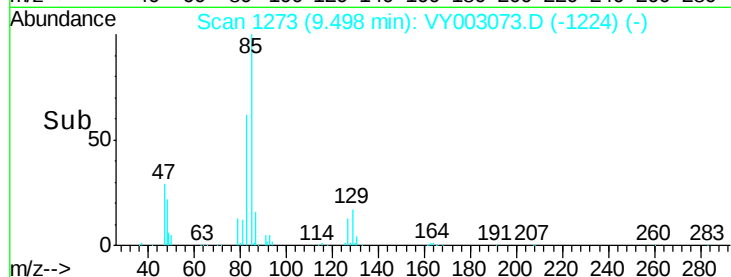
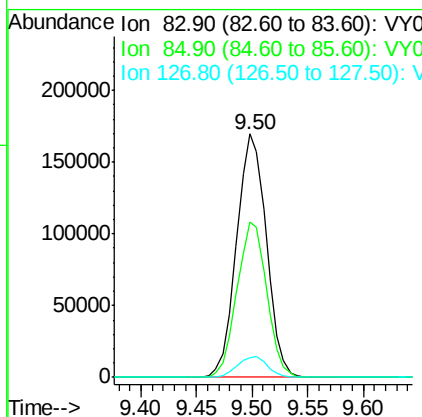
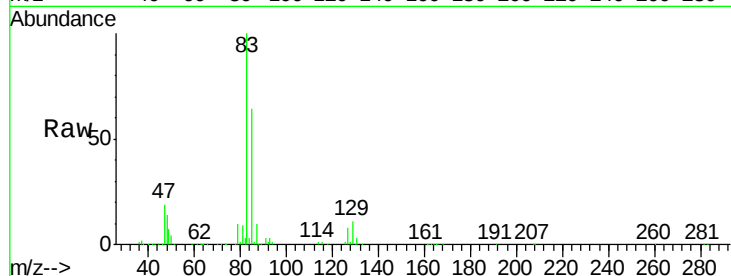
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	314053
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.5	75.7
127	8.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.003 ug/l

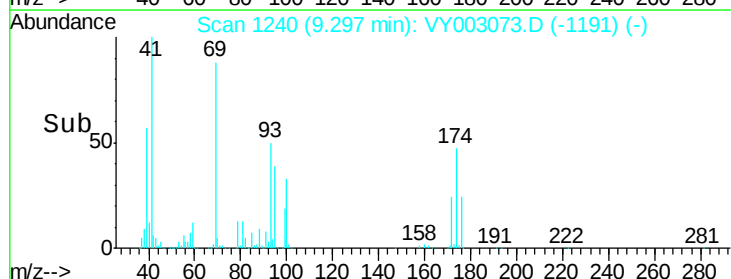
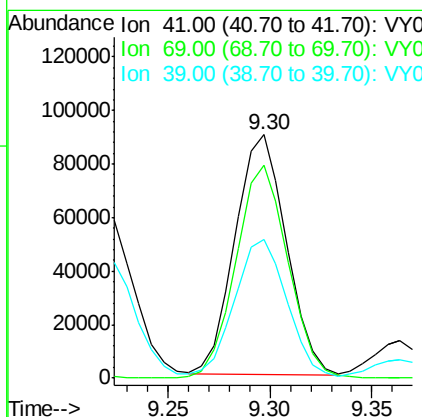
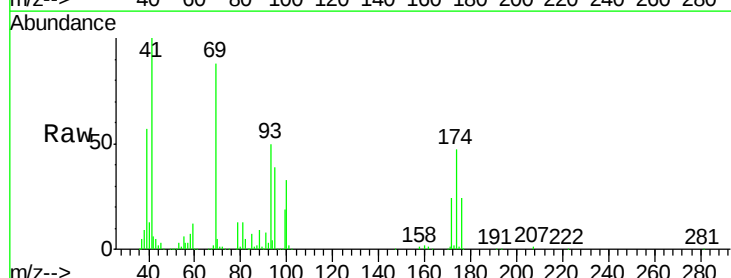
RT: 9.30 min Scan# 1240

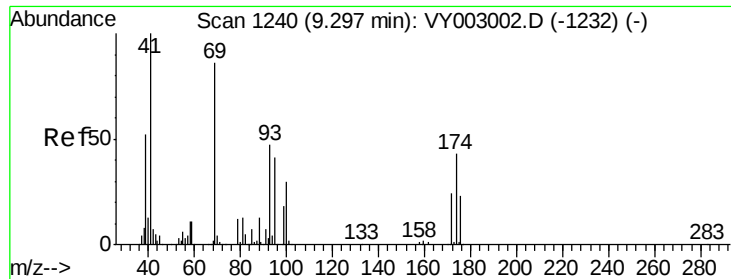
Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Tgt Ion:	41	Resp:	156525
Ion	Ratio	Lower	Upper
41	100		
69	90.0	67.7	101.5
39	59.6	45.0	67.4





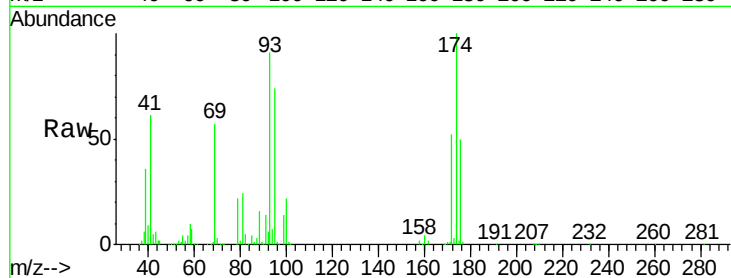
#49
1,4-Dioxane
Concen: 1104.069 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	28.6	42.8
58	72.7	56.7	85.1

Manual Integrations
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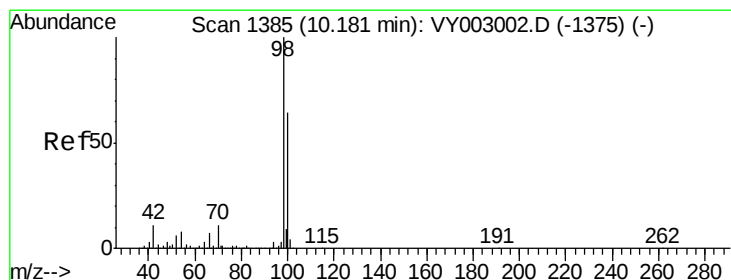
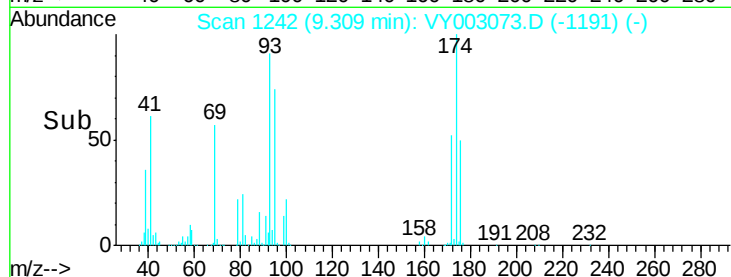
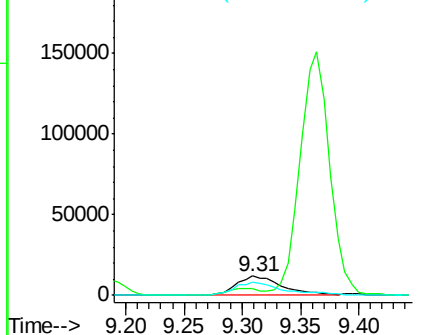


Abundance

Ion 88.00 (87.70 to 88.70): VY003073.D (-1232) (-)

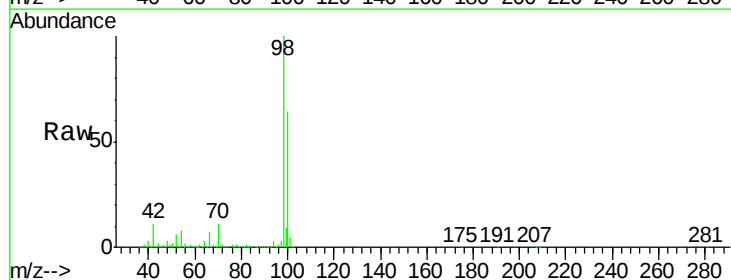
Ion 43.00 (42.70 to 43.70): VY003073.D (-1232) (-)

Ion 58.00 (57.70 to 58.70): VY003073.D (-1232) (-)



#50
Toluene-d8
Concen: 51.101 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

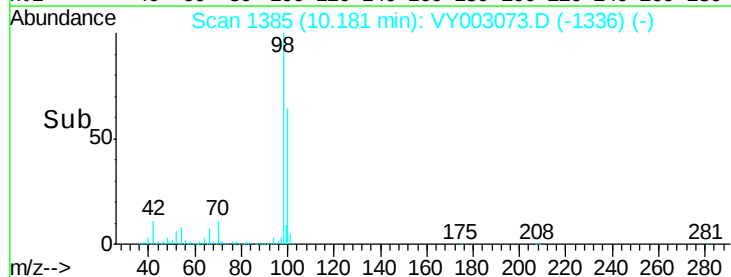
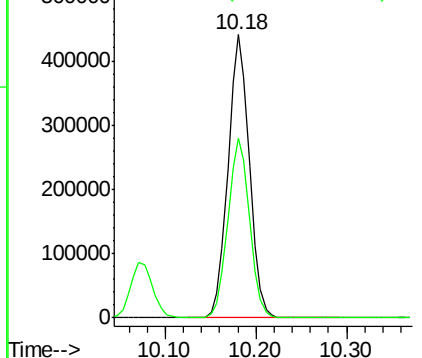
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.1	76.7

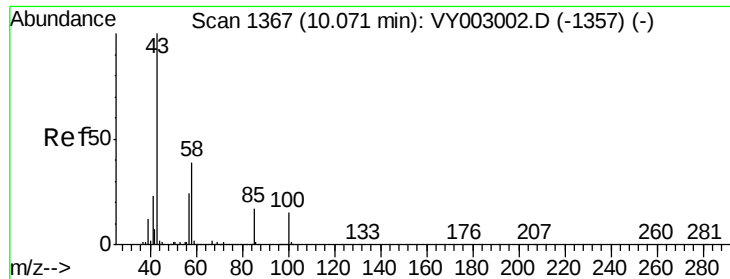


Abundance

Ion 98.00 (97.70 to 98.70): VY003073.D (-1336) (-)

Ion 100.00 (99.70 to 100.70): VY003073.D (-1336) (-)





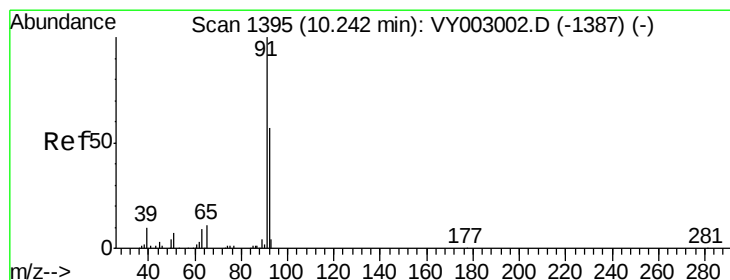
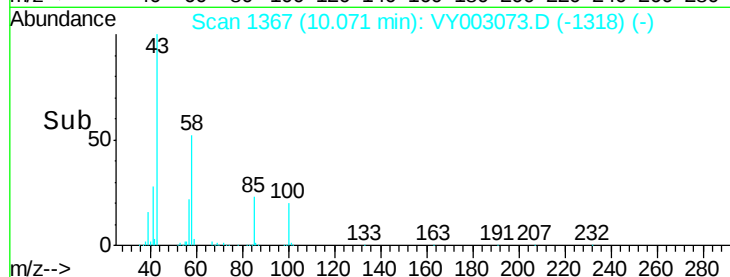
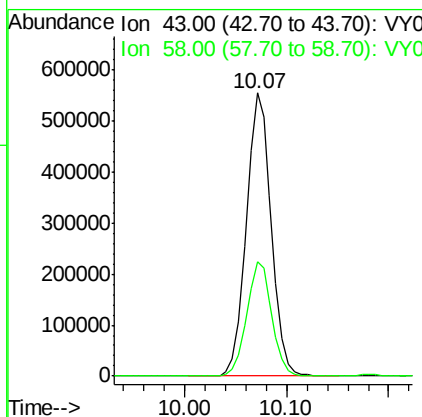
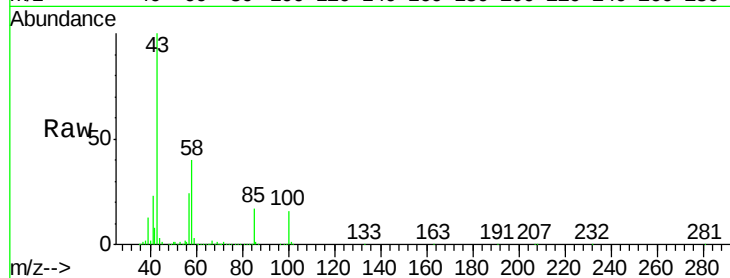
#51
4-Methyl-2-Pentanone
Concen: 268.964 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	937289
Ion Ratio	43	100	
Lower	58	40.8	31.1
Upper			46.7

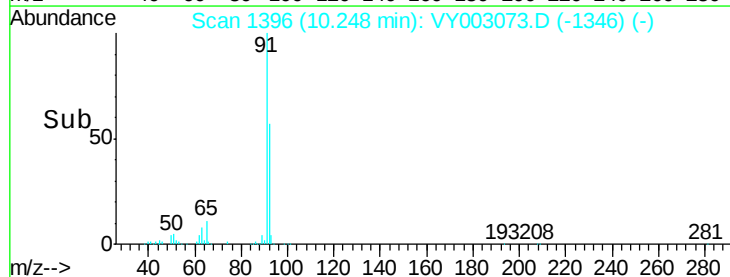
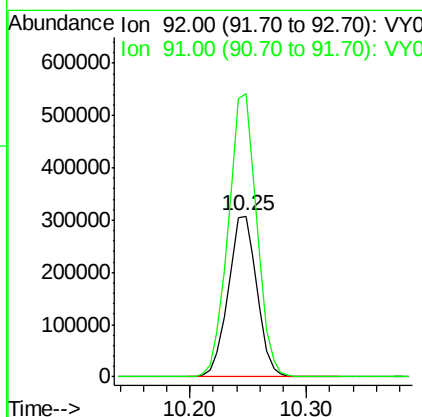
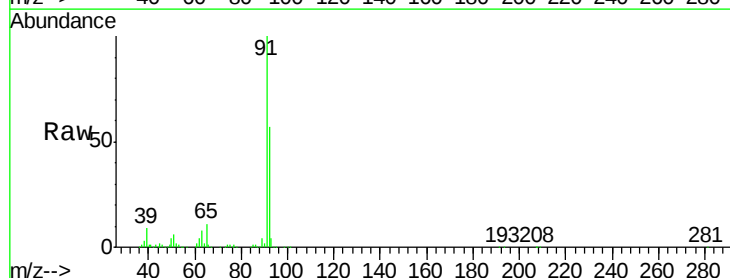
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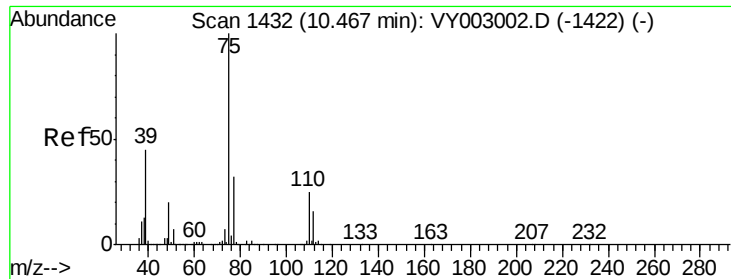
MMDadoda
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#52
Toluene
Concen: 51.817 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	92	Resp	526771
Ion Ratio	92	100	
Lower	91	174.9	139.6
Upper			209.4





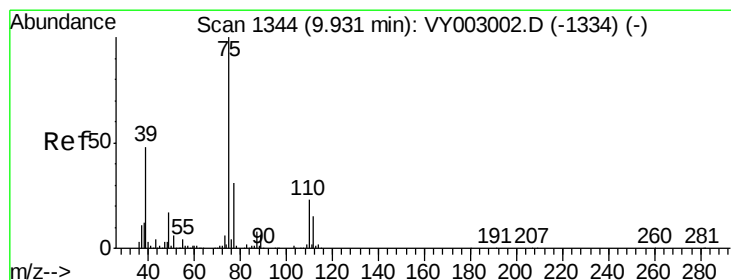
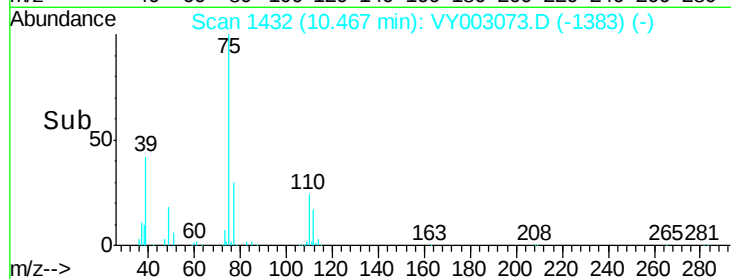
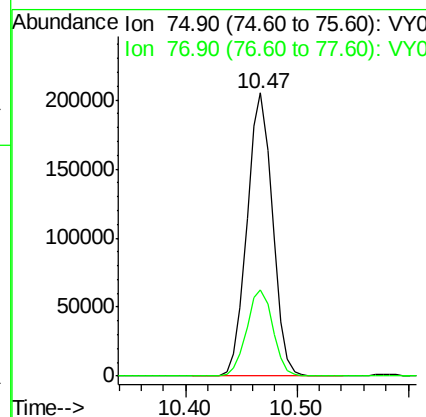
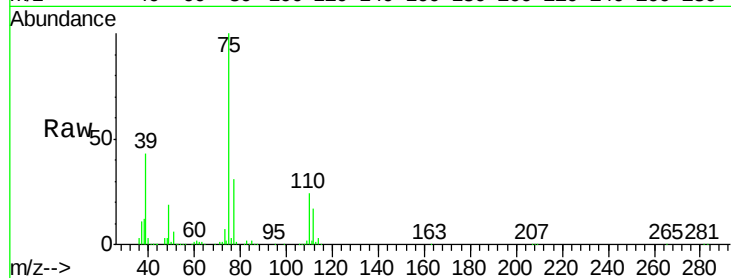
#53
t-1,3-Dichloropropene
Concen: 52.319 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.9	38.9

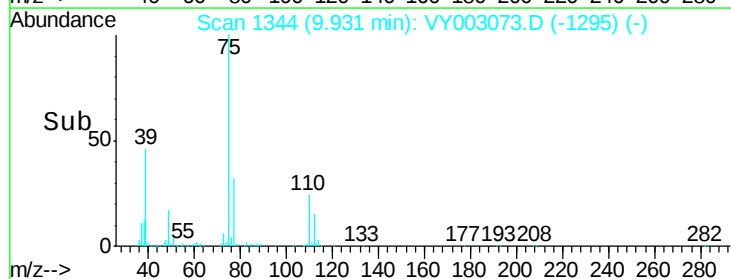
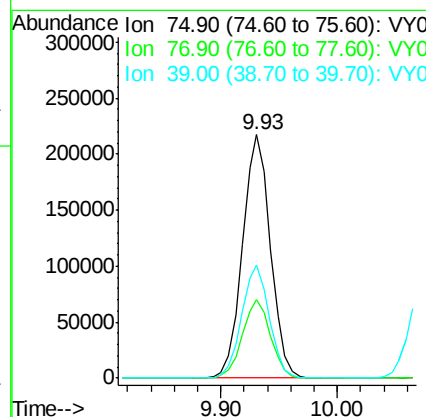
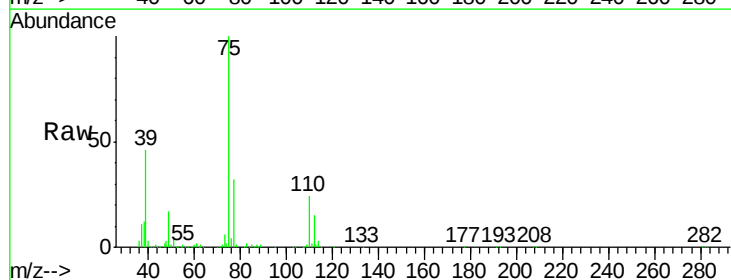
Manual Integrations
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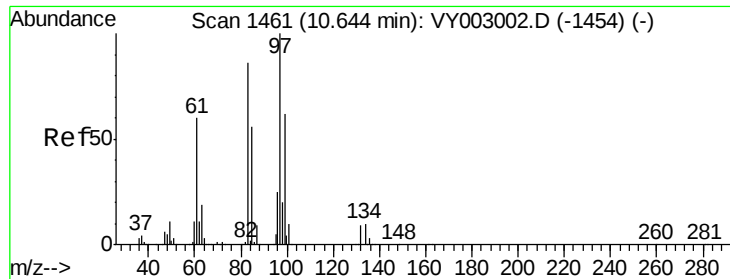
MMDadoda
7/2/2020 5:01:39 PM



#54
cis-1,3-Dichloropropene
Concen: 50.818 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.6	37.0
39	46.4	38.3	57.5





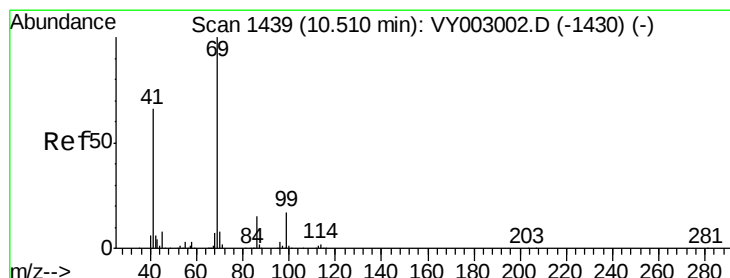
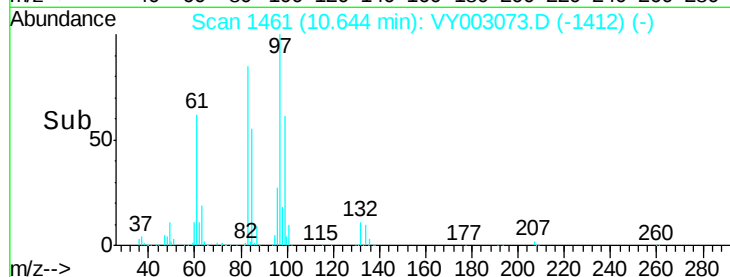
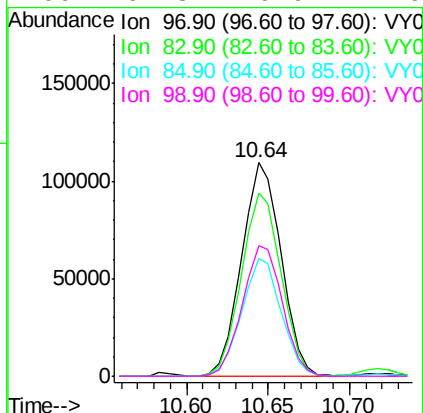
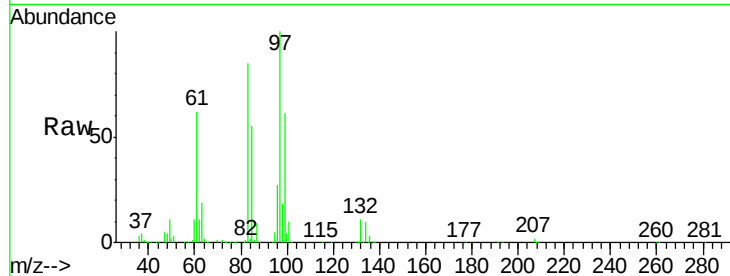
#55
 1,1,2-Trichloroethane
 Concen: 54.783 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	184728
Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.0	103.6
85	55.3	44.8	67.2
99	61.3	49.9	74.9

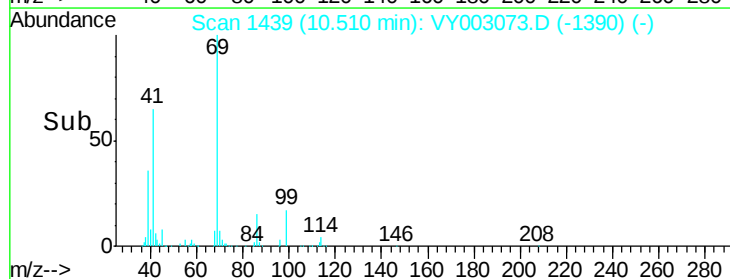
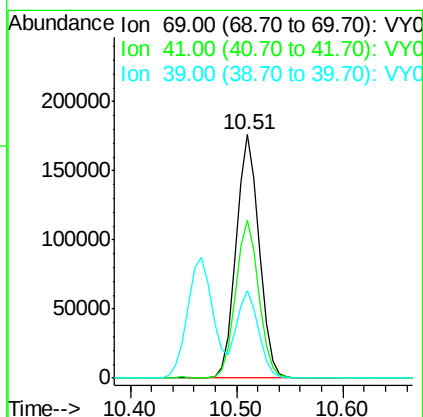
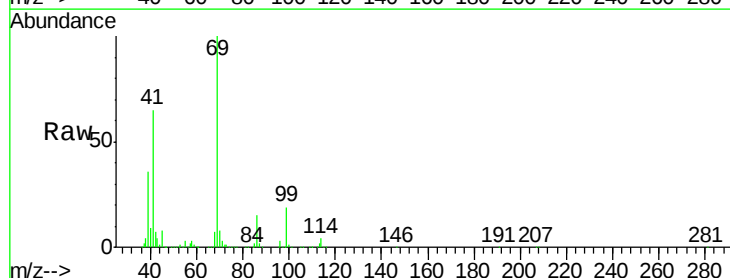
Manual Integrations
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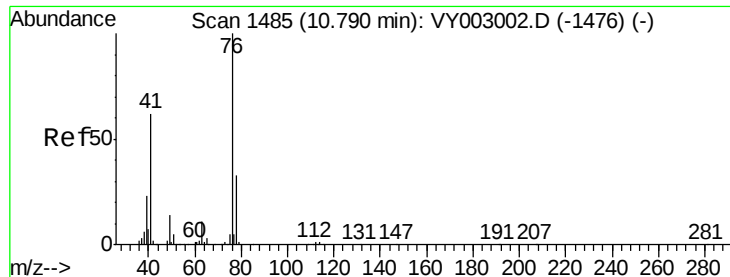
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#56
 Ethyl methacrylate
 Concen: 54.939 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion:	69	Resp:	268162
Ion	Ratio	Lower	Upper
69	100		
41	64.7	53.7	80.5
39	33.8	28.3	42.5





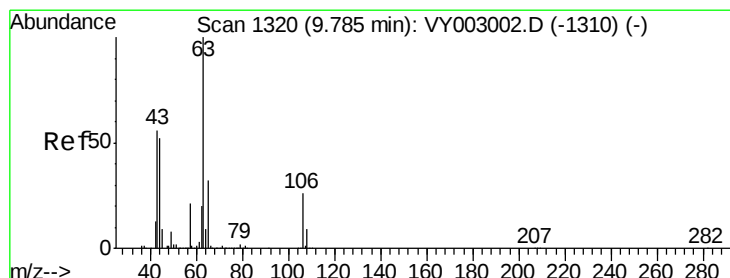
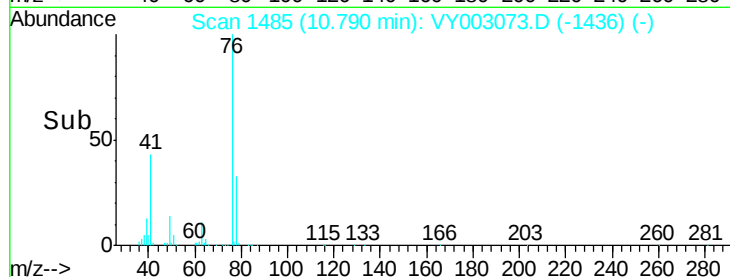
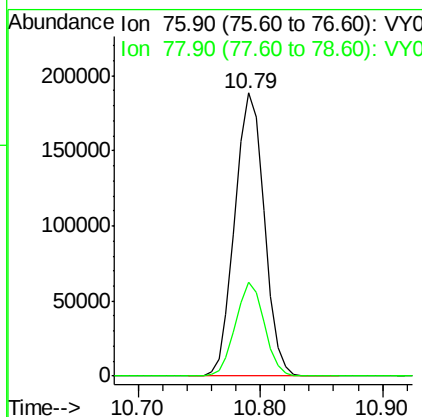
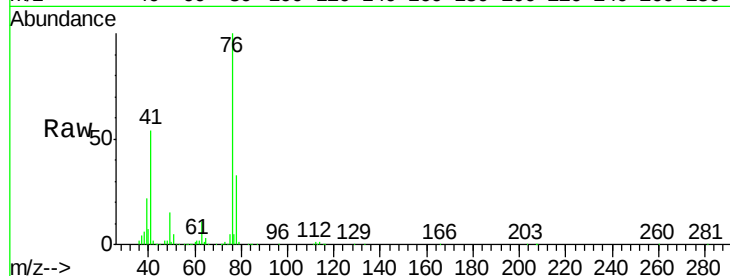
#57
 1,3-Dichloropropane
 Concen: 53.164 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.0	39.0

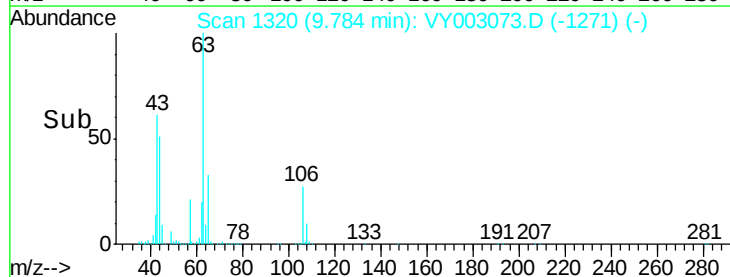
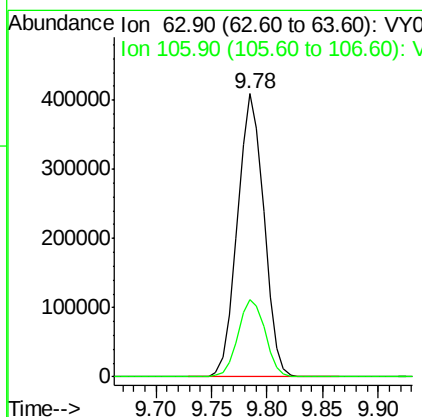
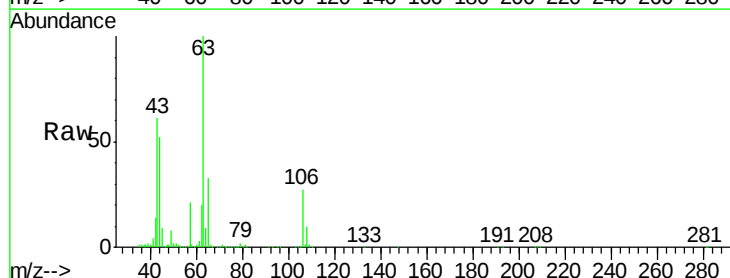
Manual Integrations
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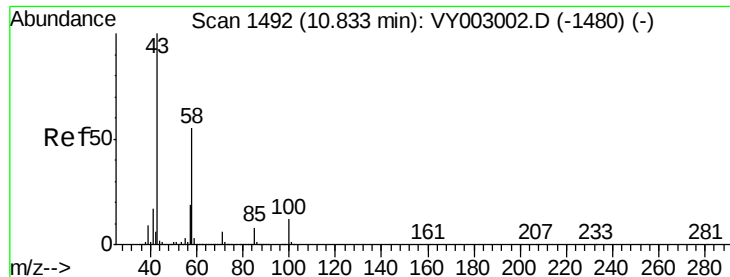
MMDadoda
 7/2/2020 5:01:39 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.722 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	21.5	32.3





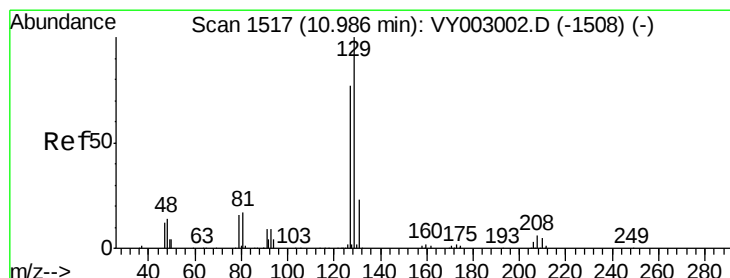
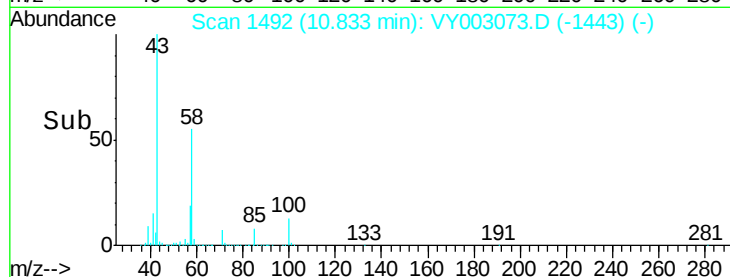
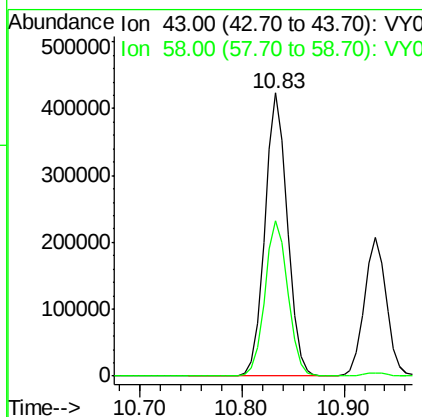
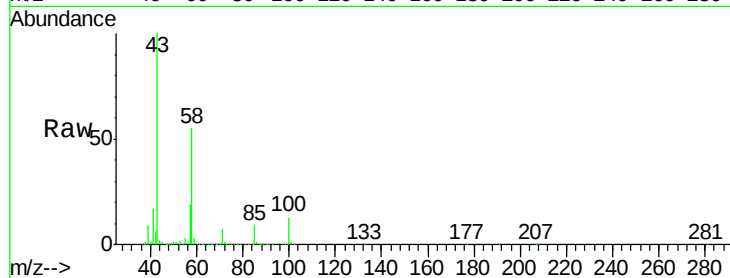
#59
2-Hexanone
Concen: 266.287 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 648611
Ion Ratio Lower Upper
43 100
58 55.9 27.5 82.4

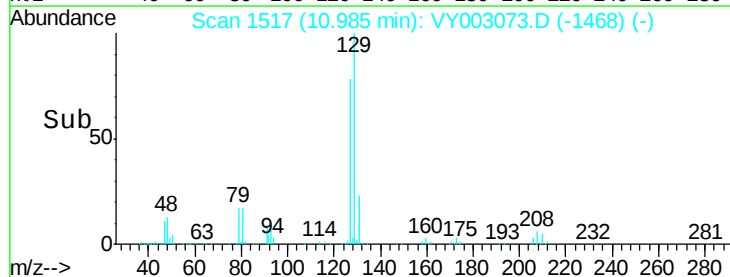
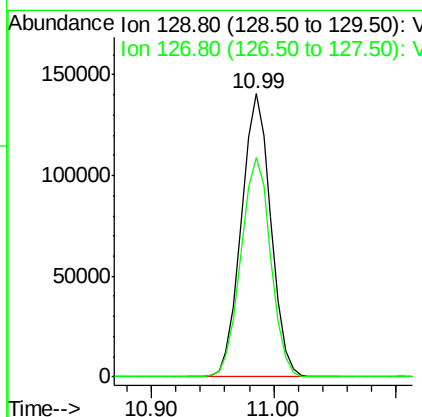
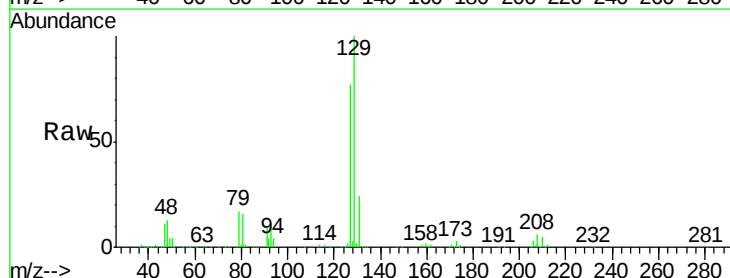
Manual Integrations
APPROVED

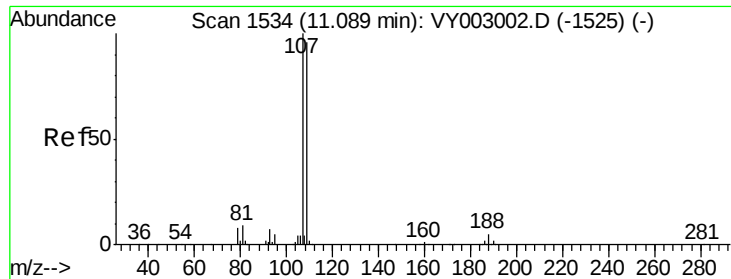
MMDadoda
7/2/2020 5:01:39 PM



#60
Dibromochloromethane
Concen: 54.369 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion: 129 Resp: 234614
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.3





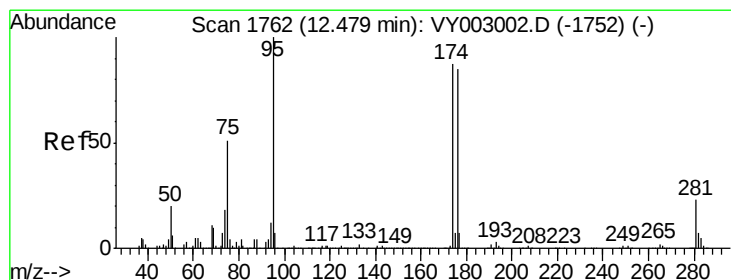
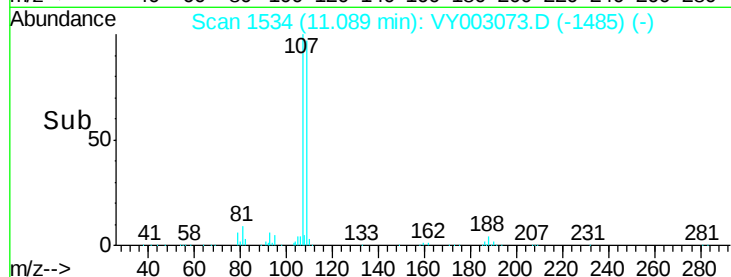
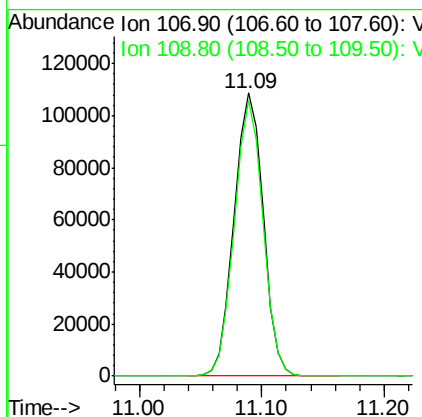
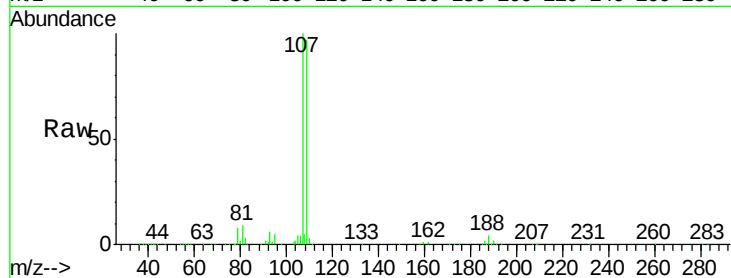
#61
 1,2-Dibromoethane
 Concen: 54.019 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	179575		
109	95.2	75.8	113.8	

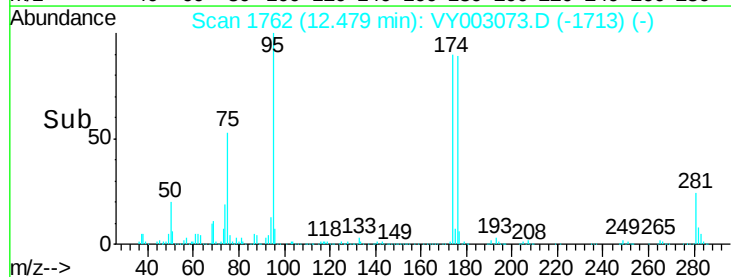
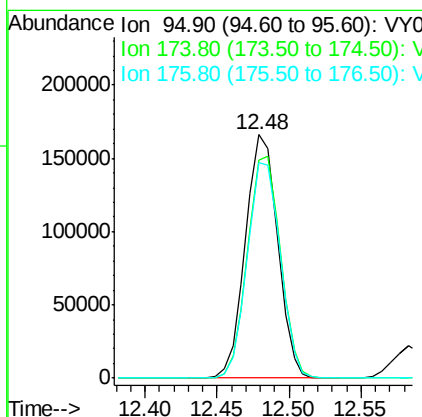
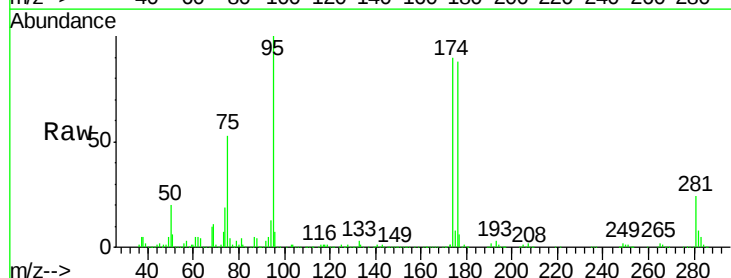
Manual Integrations
 APPROVED

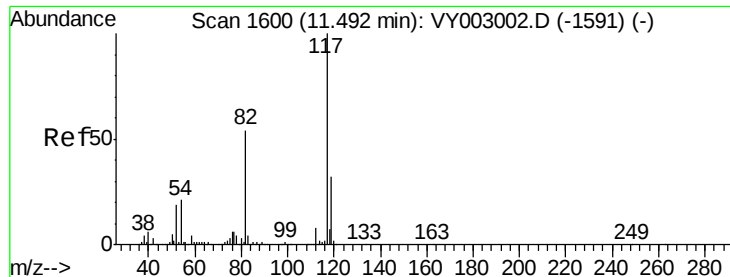
MMDadoda
 7/2/2020 5:01:39 PM



#62
 4-Bromofluorobenzene
 Concen: 51.416 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	257572		
174	93.0	0.0	184.8	
176	90.6	0.0	183.0	





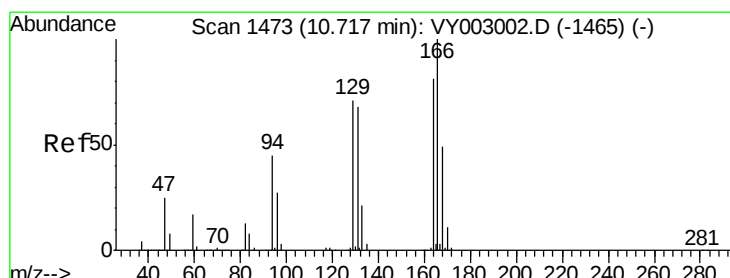
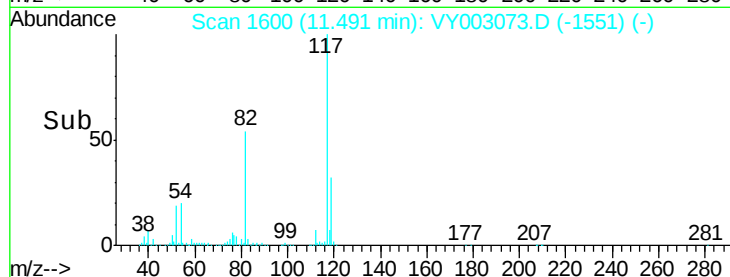
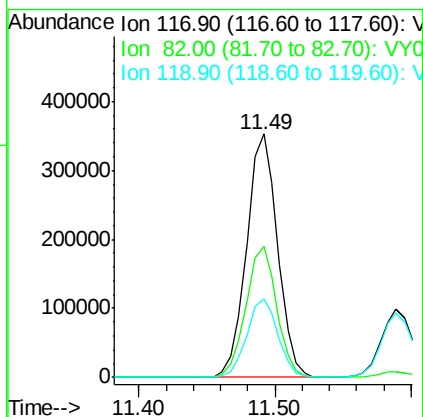
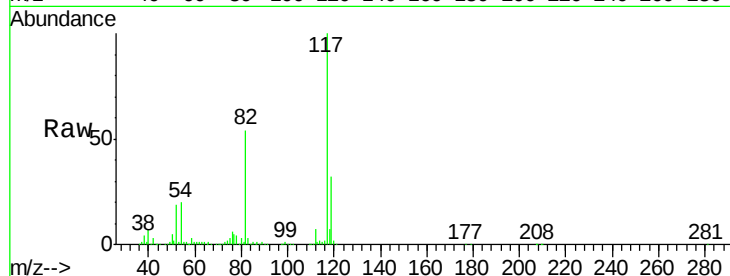
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.0	64.6
119	32.4	25.8	38.8

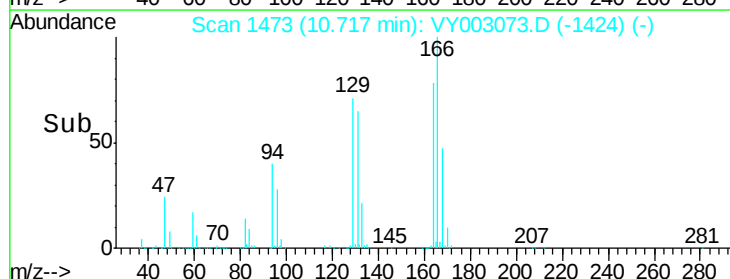
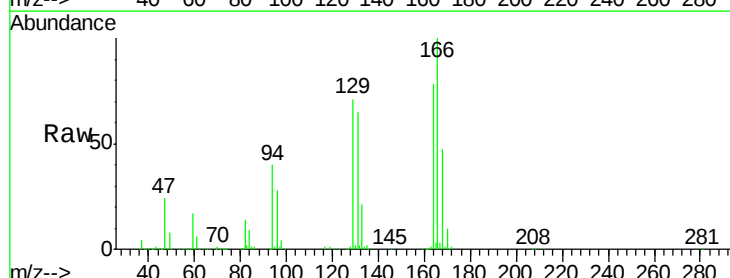
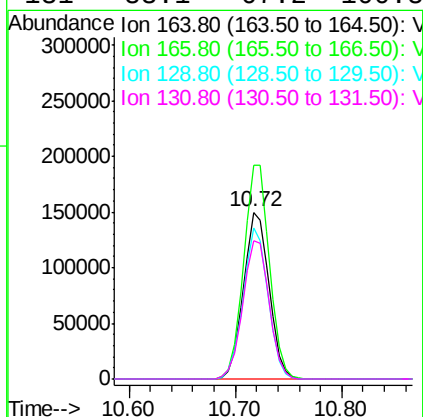
Manual Integrations
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#64
Tetrachloroethene
Concen: 53.009 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	98.5	147.7
129	90.6	69.7	104.5
131	83.1	67.2	100.8





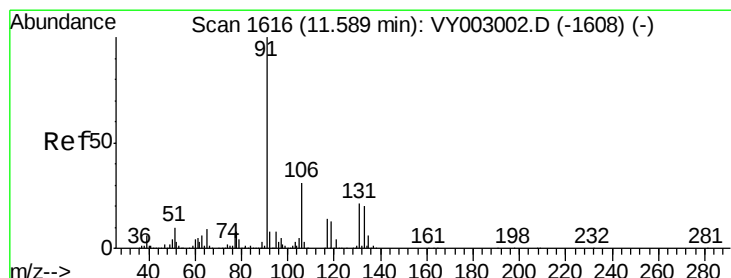
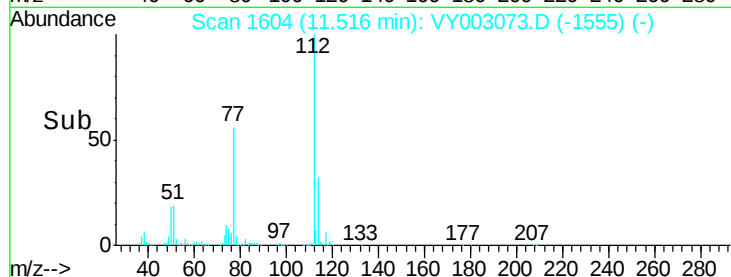
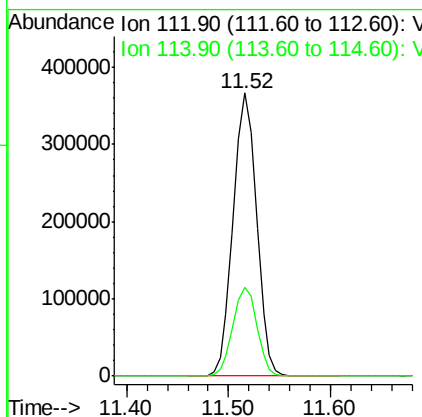
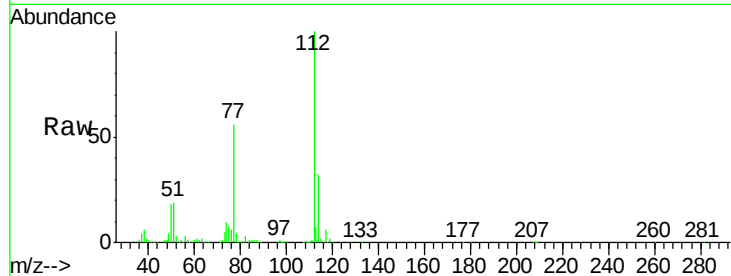
#65
Chlorobenzene
Concen: 52.467 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.7	38.5

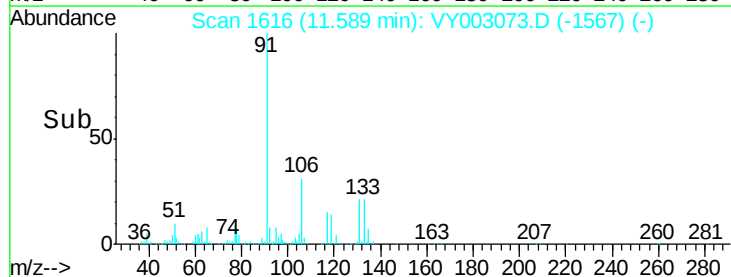
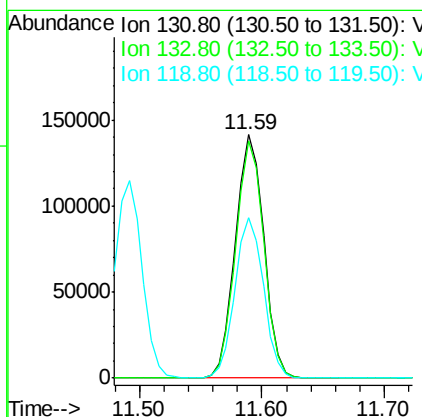
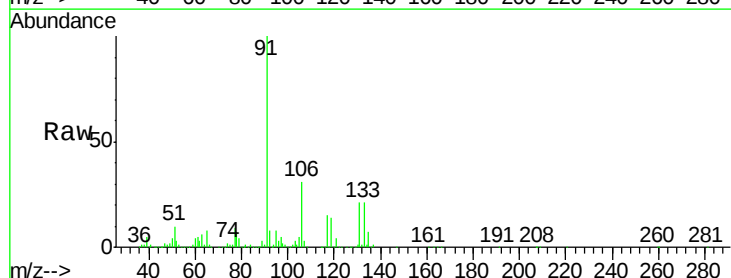
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.519 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	47.9	143.8
119	65.9	31.8	95.3





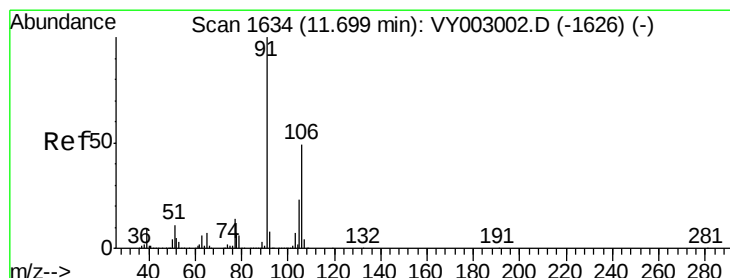
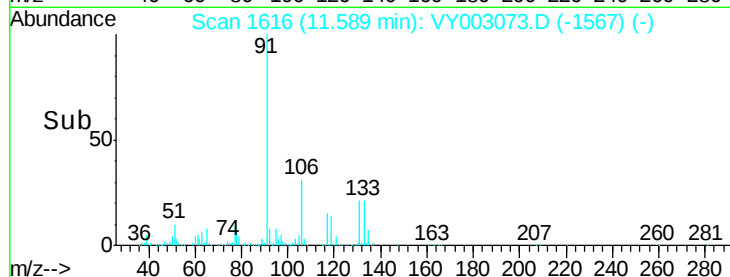
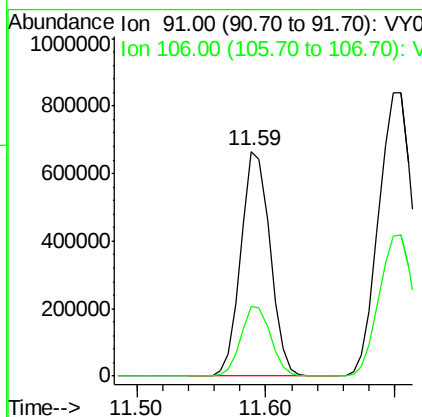
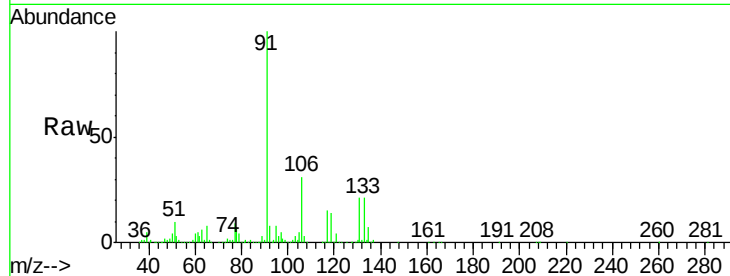
#67
Ethyl Benzene
Concen: 51.427 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1045922
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4

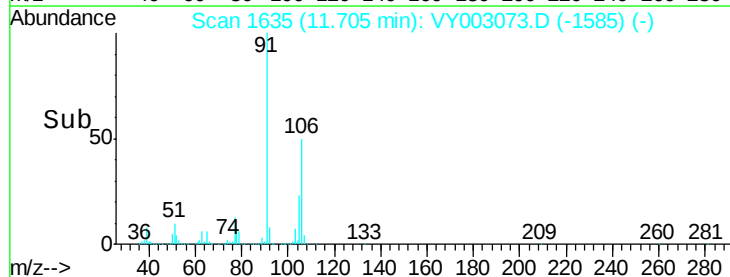
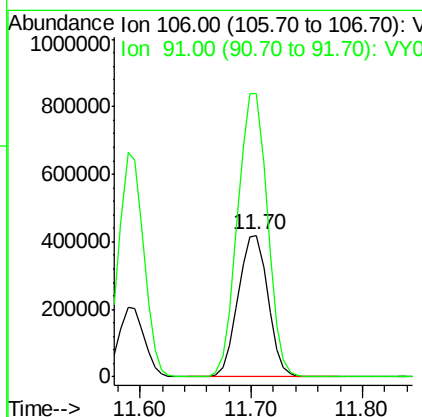
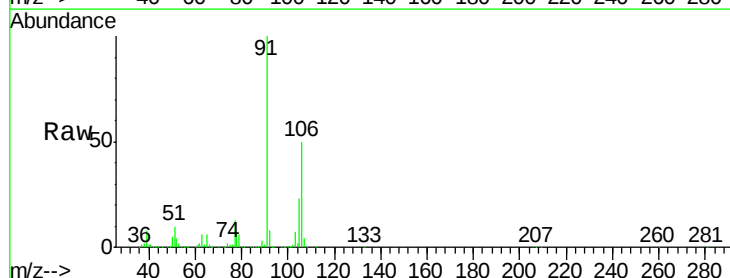
Manual Integrations
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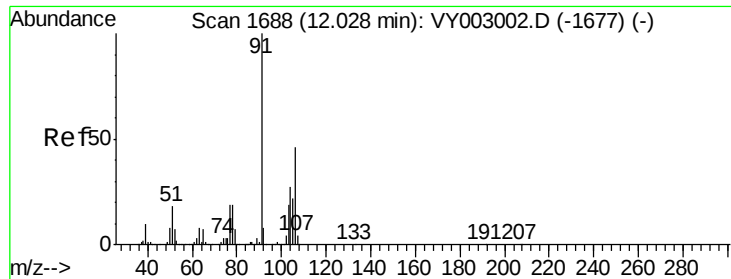
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#68
m/p-Xylenes
Concen: 103.301 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion: 106 Resp: 781932
Ion Ratio Lower Upper
106 100
91 200.1 161.9 242.9





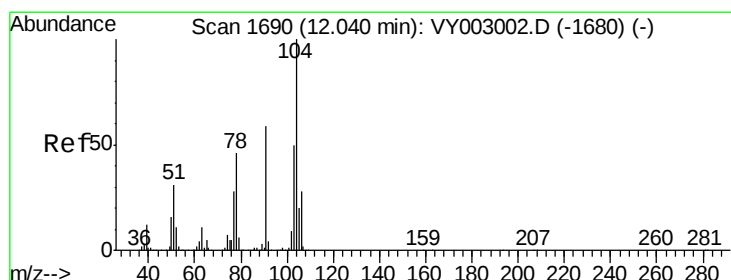
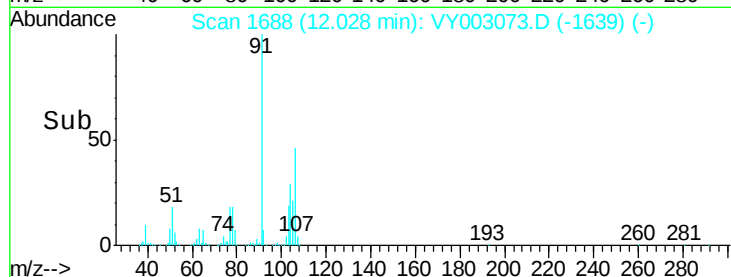
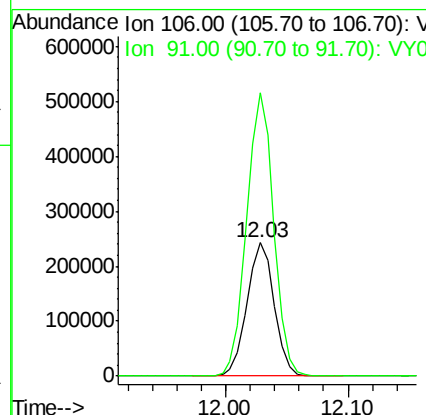
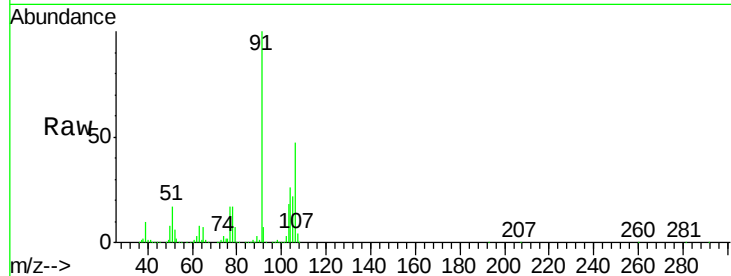
#69
o-Xylene
Concen: 52.381 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.0	107.9	323.8

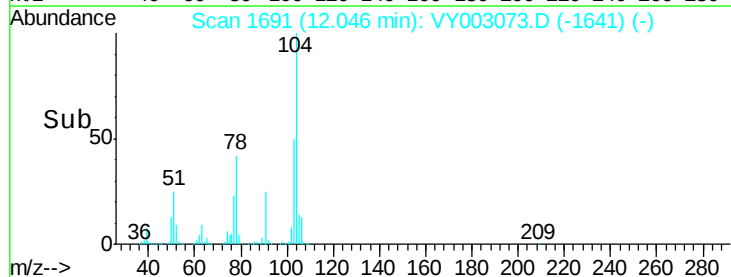
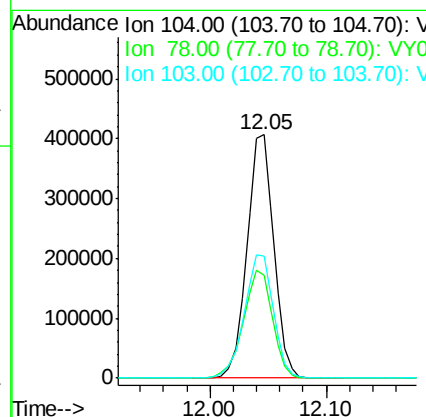
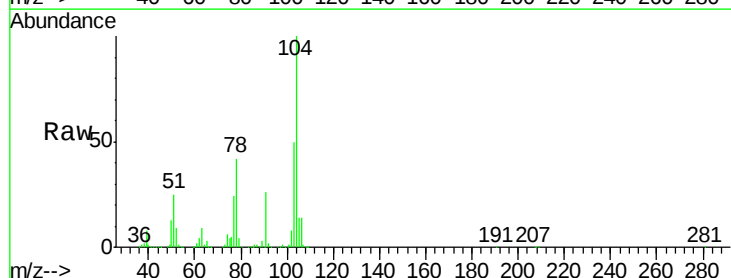
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#70
Styrene
Concen: 53.729 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.0	40.4	60.6
103	55.1	44.1	66.1





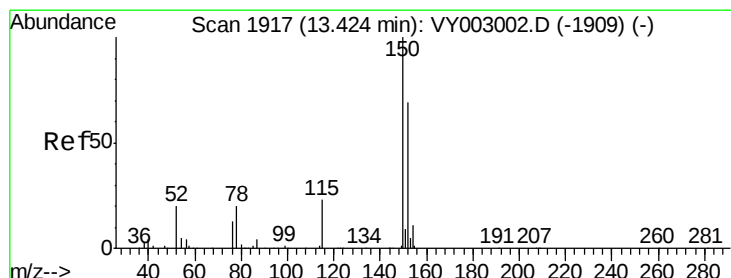
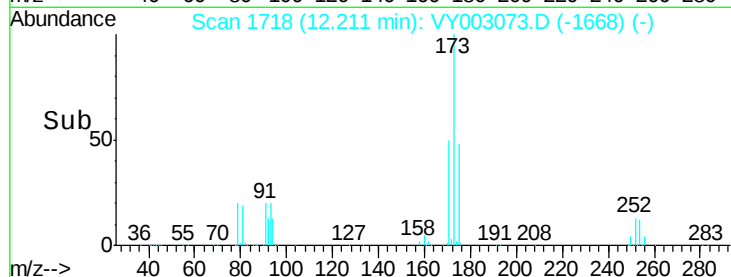
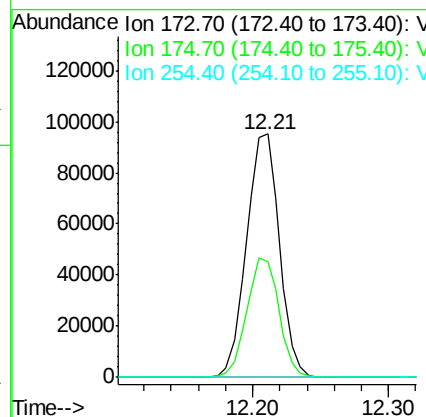
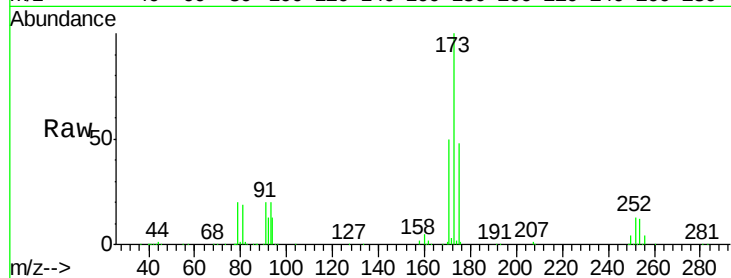
#71
Bromoform
Concen: 55.624 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.6	73.6
254	0.2	0.2	0.2

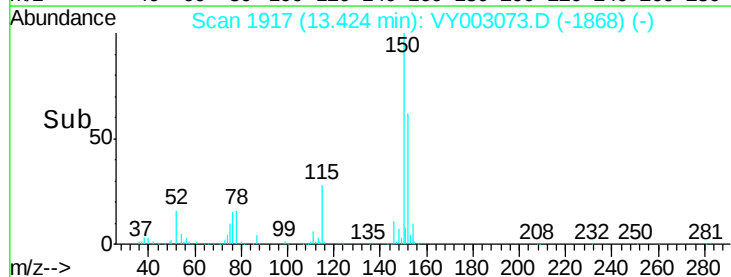
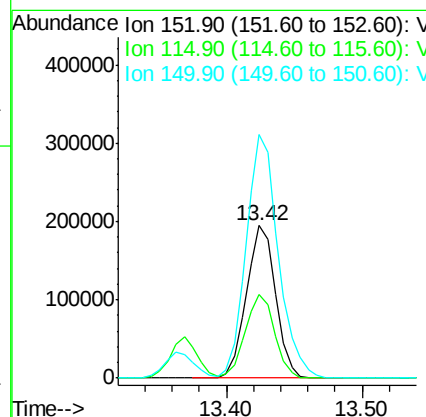
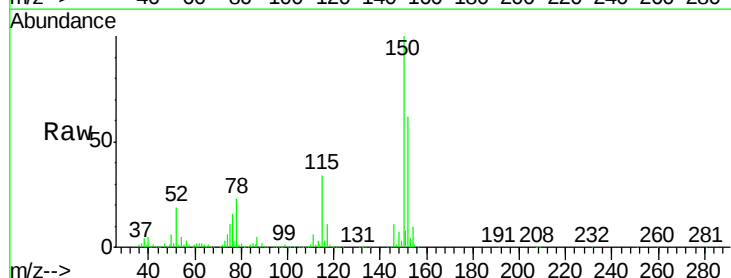
Manual Integrations
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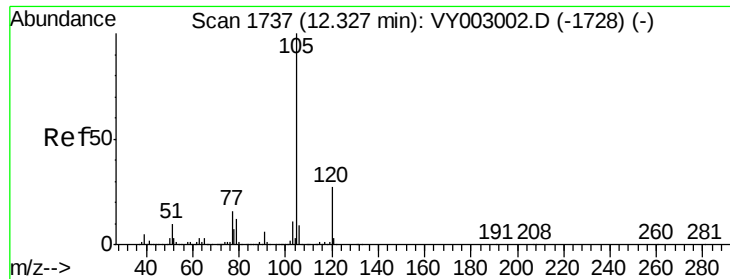
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.3	81.9
150	175.2	0.0	343.4





#73

Isopropylbenzene

Concen: 52.440 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1001715

Ion Ratio Lower Upper

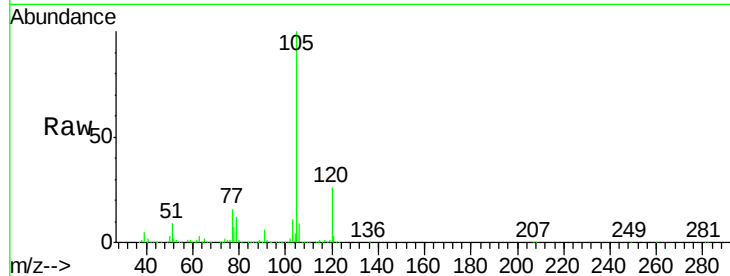
105 100

120 26.9 13.4 40.1

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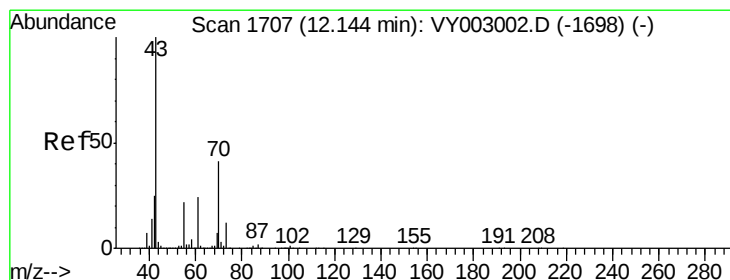
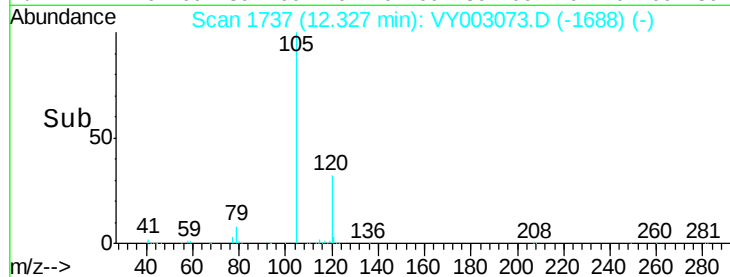
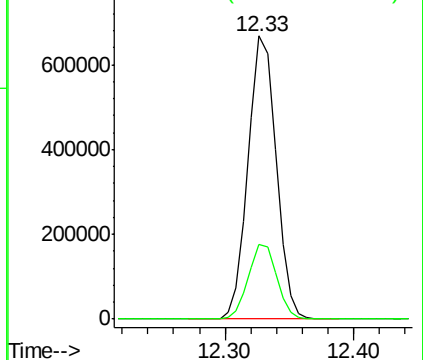
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.593 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Tgt Ion: 43 Resp: 327052

Ion Ratio Lower Upper

43 100

70 44.1 33.0 49.4

55 23.8 18.2 27.2

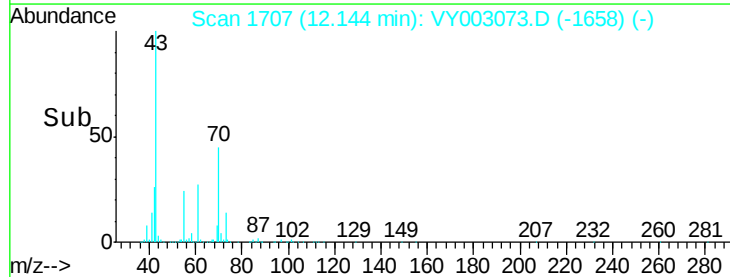
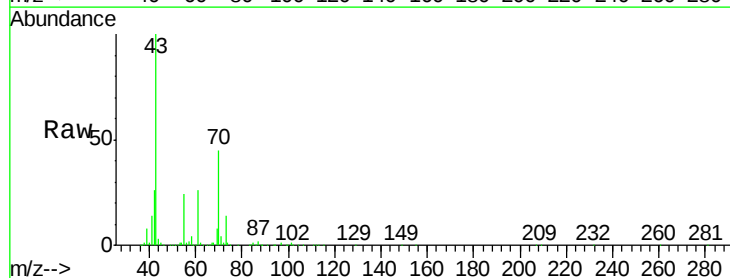
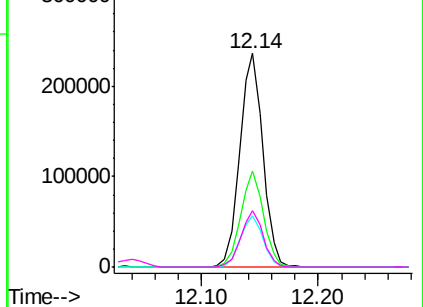
61 25.3 19.4 29.2

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.490 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

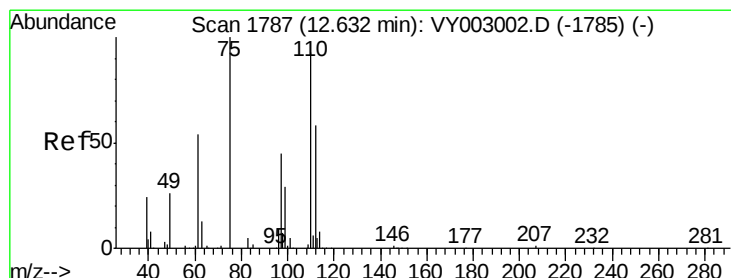
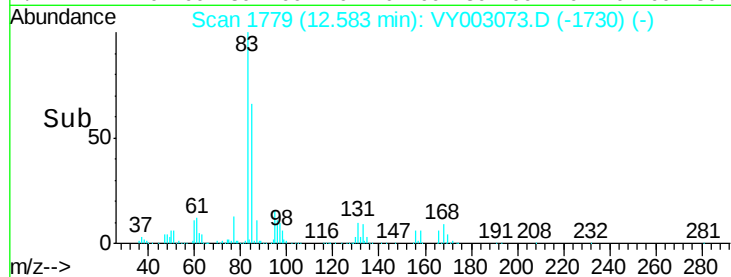
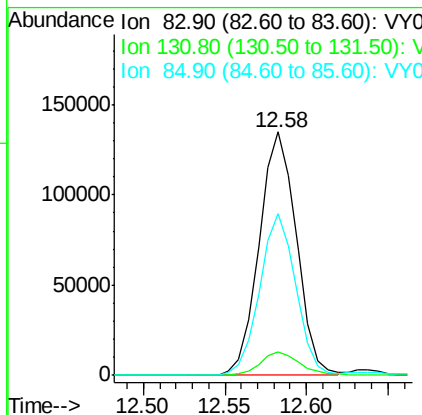
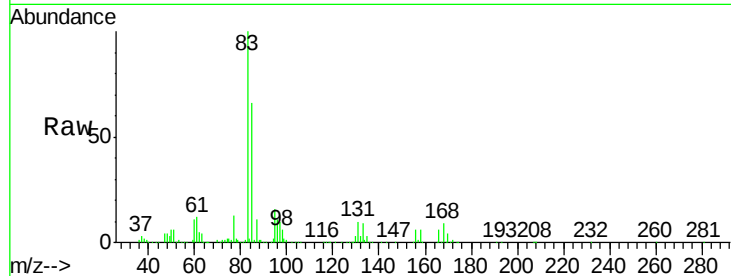
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	213905
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	16.1
85	64.3	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 57.128 ug/l m

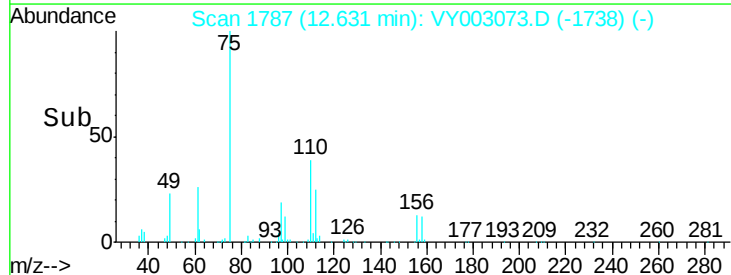
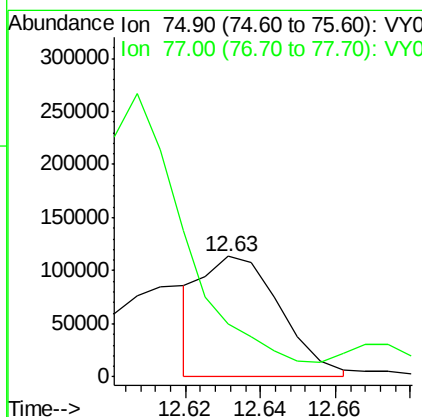
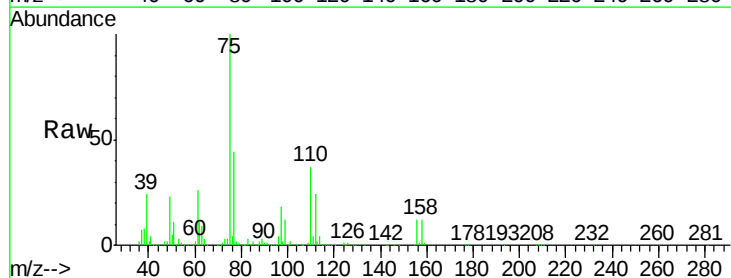
RT: 12.63 min Scan# 1787

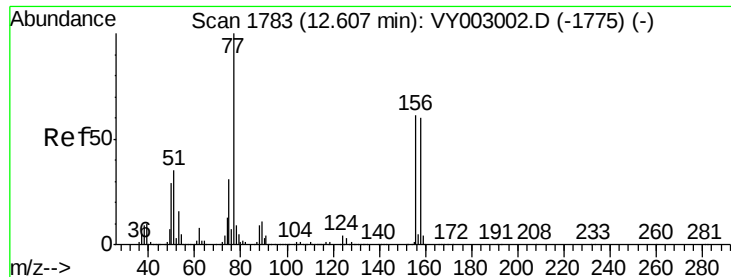
Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Tgt Ion:	75	Resp:	165023
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.241 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

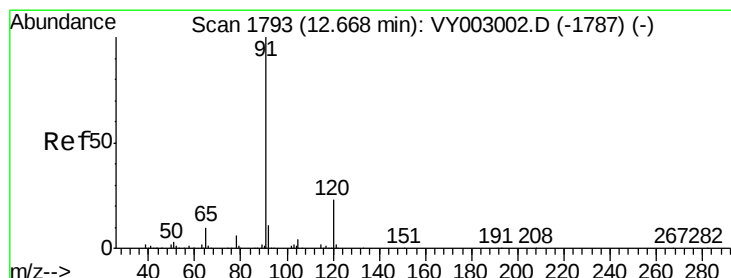
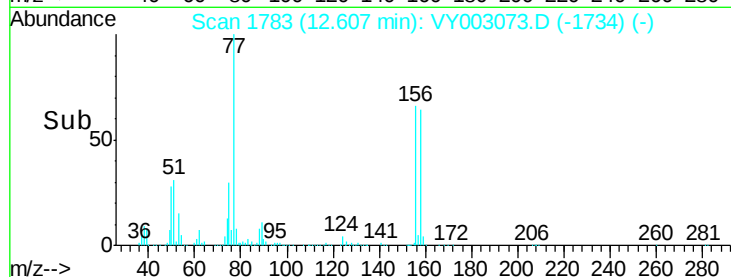
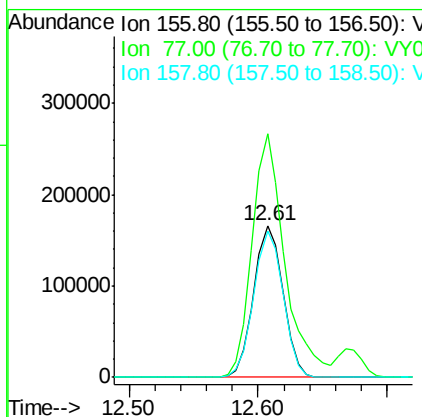
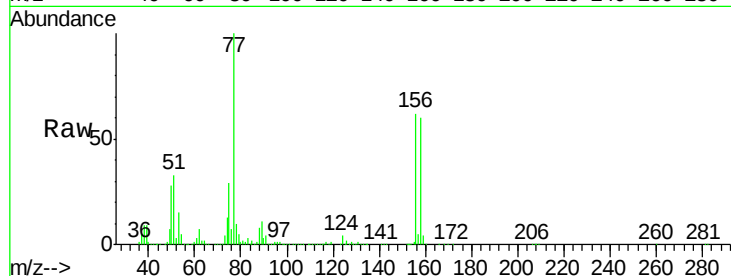
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	260760
Ion Ratio	Lower	Upper	
156	100		
77	179.4	90.0	270.0
158	96.7	48.5	145.5

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#78

n-propylbenzene

Concen: 51.356 ug/l

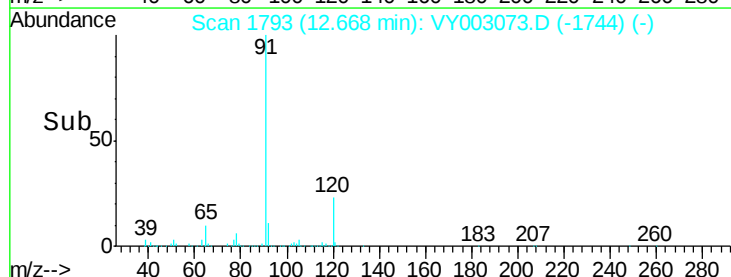
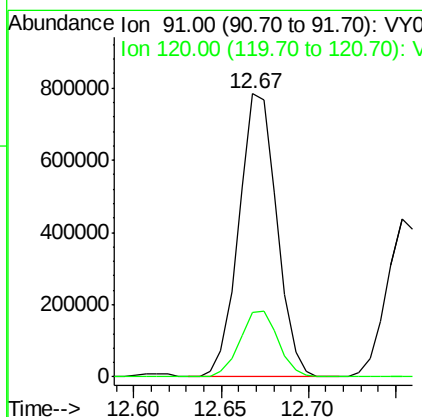
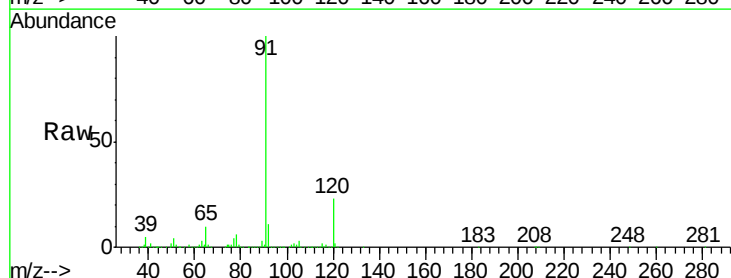
RT: 12.67 min Scan# 1793

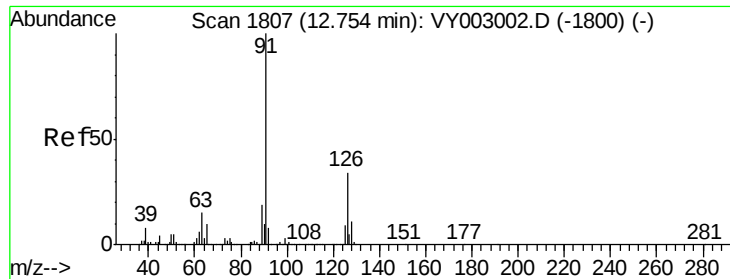
Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Tgt Ion:	91	Resp:	1179800
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.5





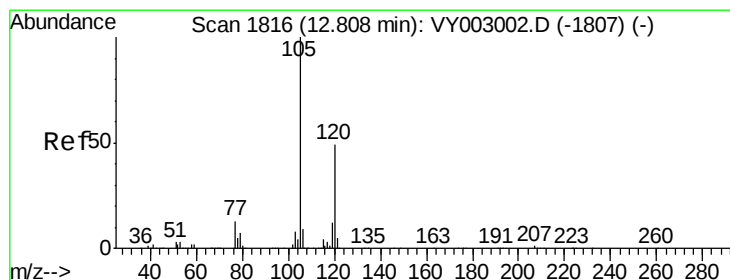
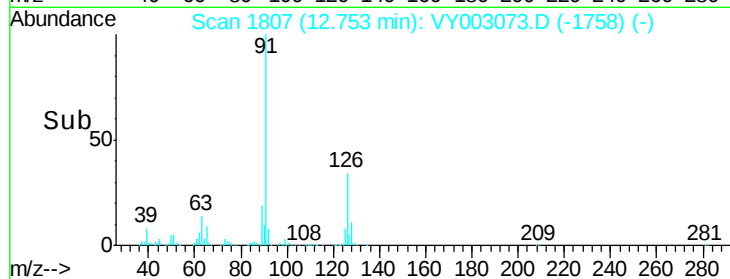
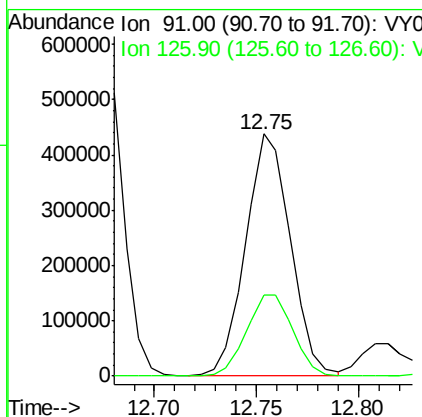
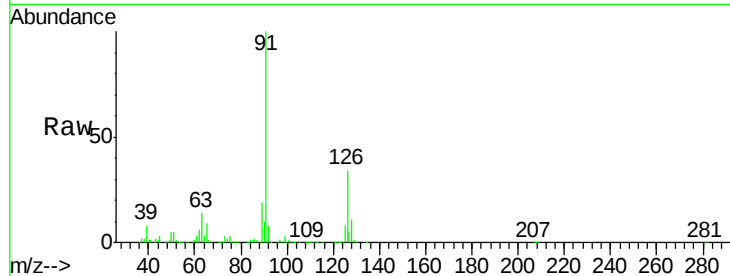
#79
2-Chlorotoluene
Concen: 52.146 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 668663
Ion Ratio Lower Upper
91 100
126 34.9 17.1 51.3

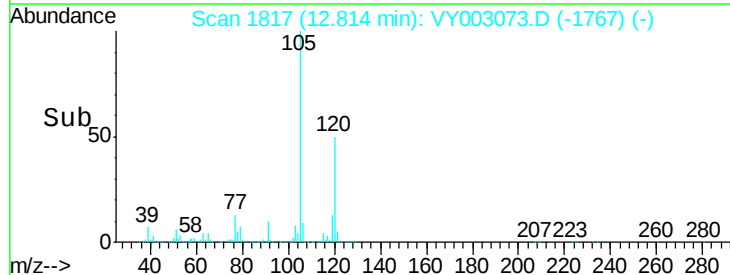
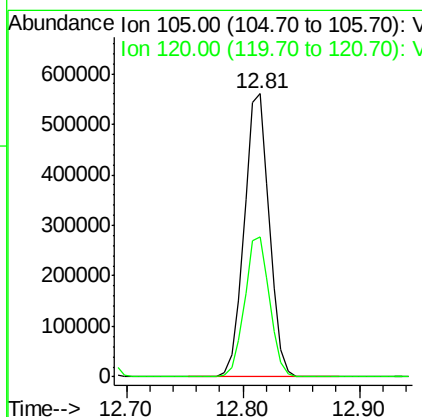
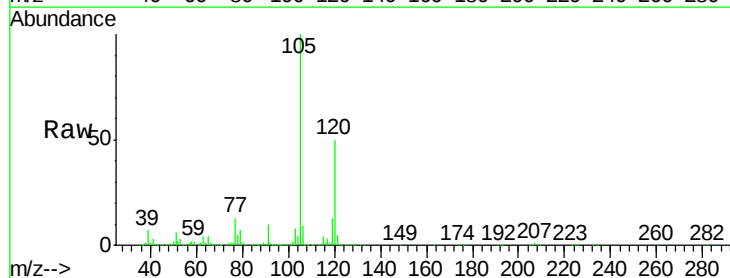
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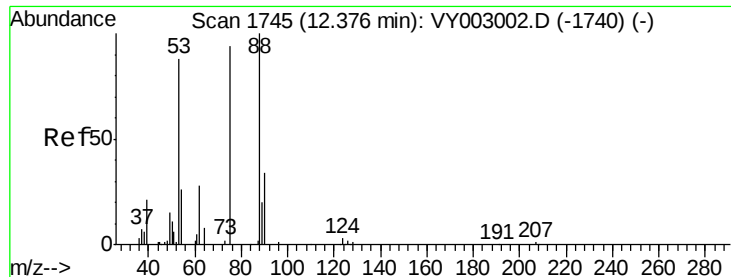
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#80
1,3,5-Trimethylbenzene
Concen: 52.141 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion: 105 Resp: 835789
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 53.192 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 78976

Ion Ratio Lower Upper

75 100

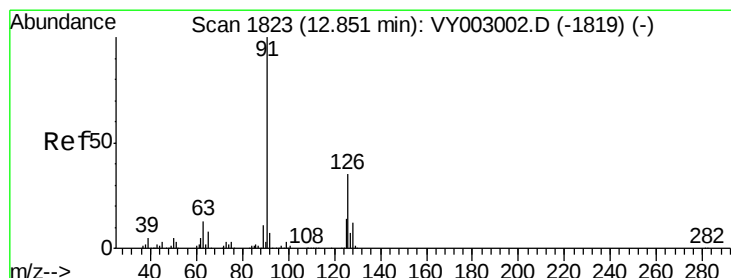
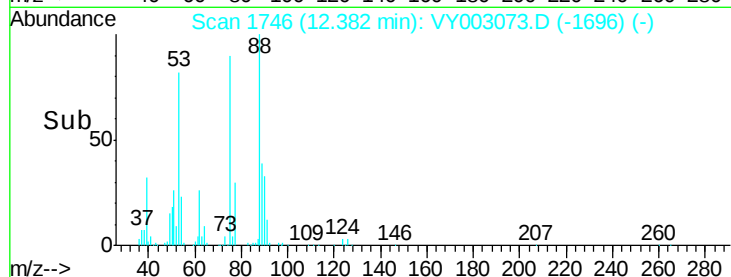
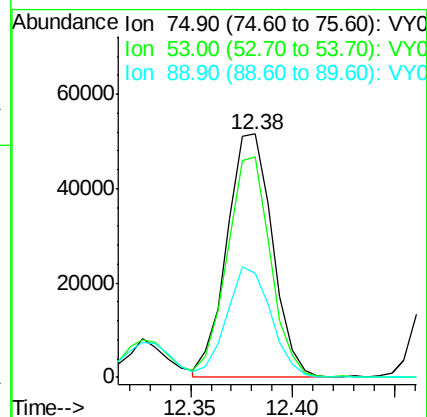
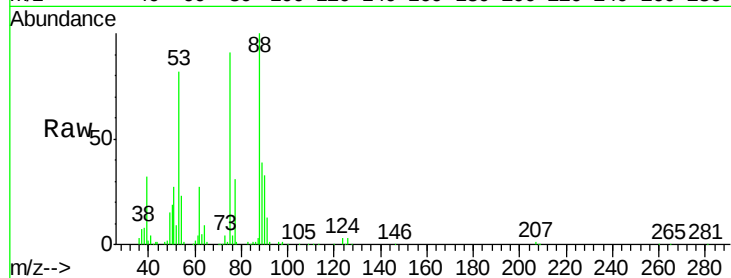
53 87.4 73.9 110.9

89 44.8 37.5 56.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.072 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003073.D

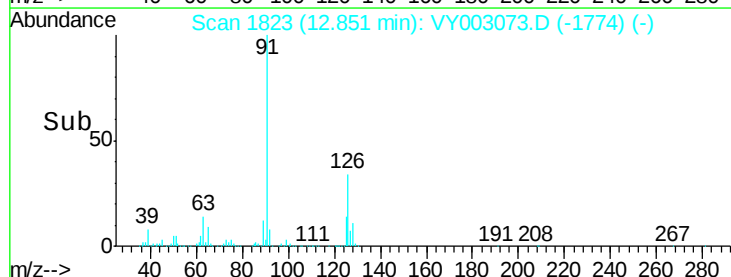
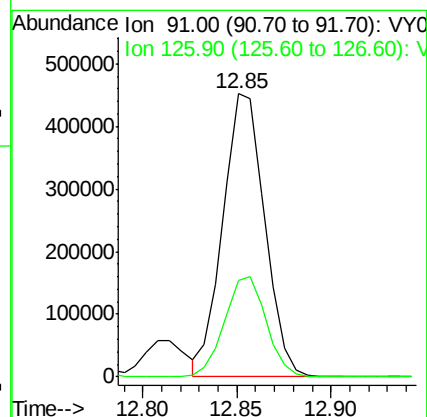
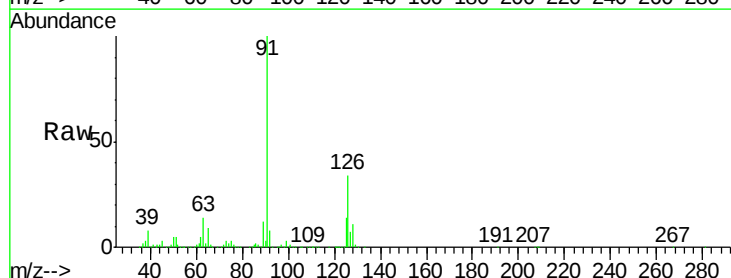
Acq: 01 Jul 2020 21:02

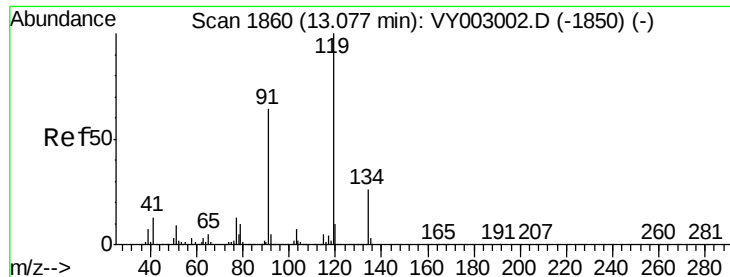
Tgt Ion: 91 Resp: 695194

Ion Ratio Lower Upper

91 100

126 35.3 17.4 52.3





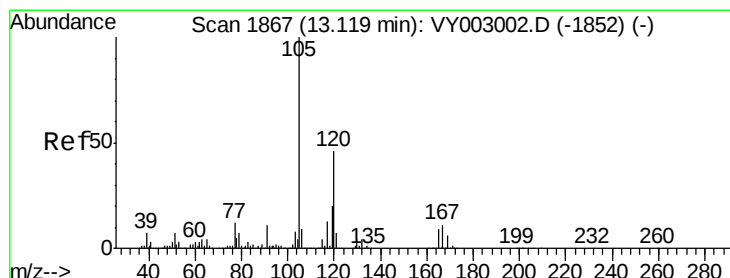
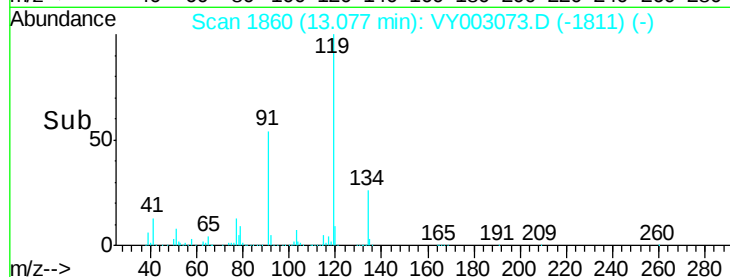
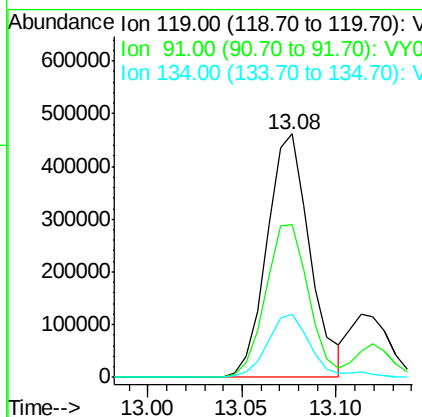
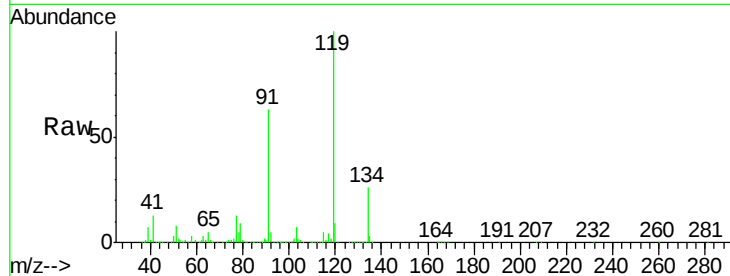
#83
tert-Butylbenzene
Concen: 51.888 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.7	31.6	95.0
134	26.4	13.2	39.5

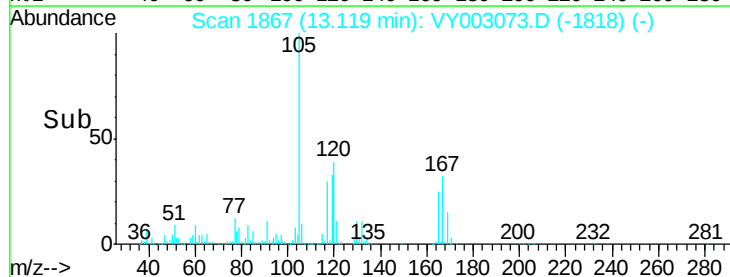
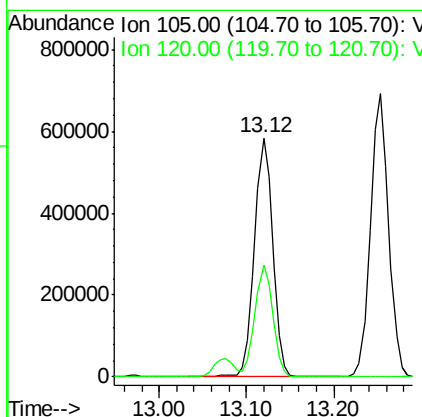
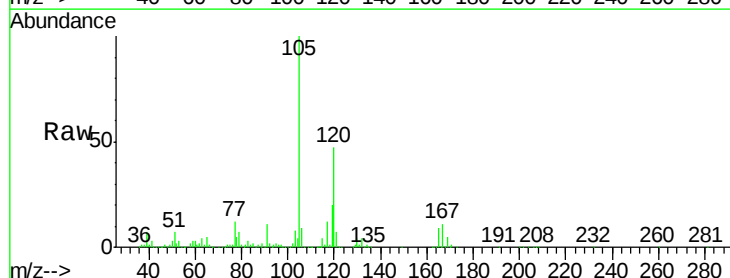
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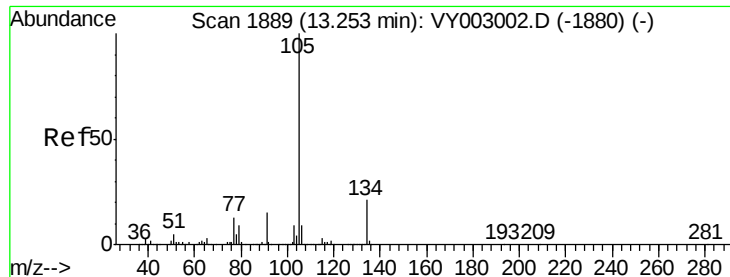
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#84
1,2,4-Trimethylbenzene
Concen: 52.384 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.6	67.8





#85

sec-Butylbenzene

Concen: 51.563 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1000342

Ion Ratio Lower Upper

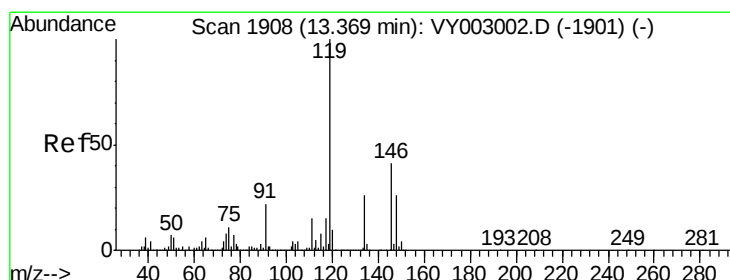
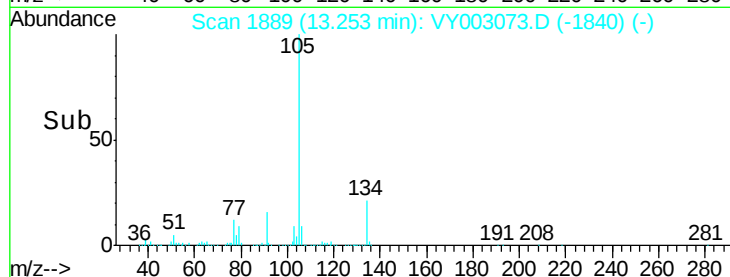
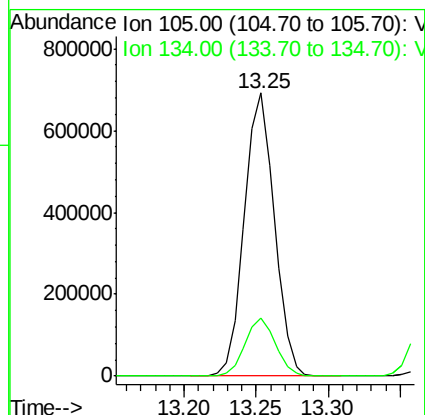
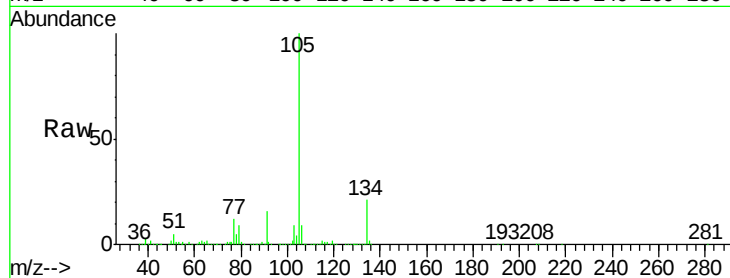
105 100

134 20.7 10.4 31.2

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 51.446 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

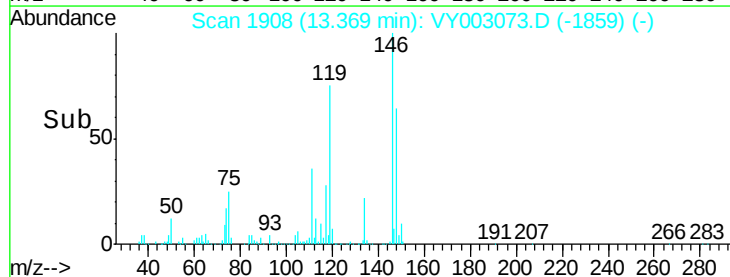
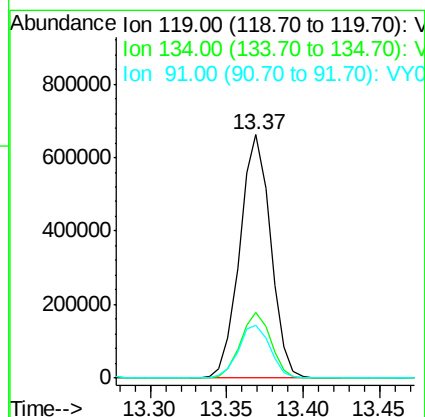
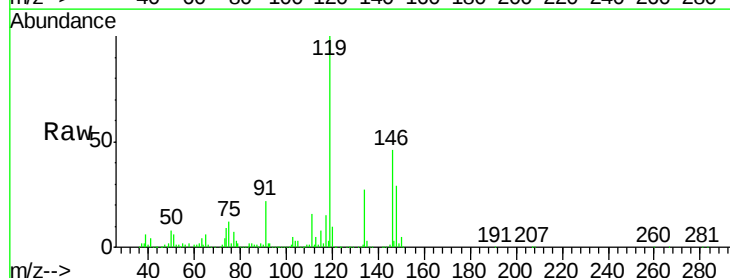
Tgt Ion:119 Resp: 924813

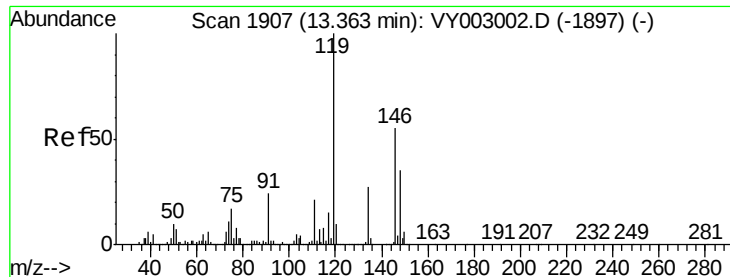
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.6 11.5 34.5





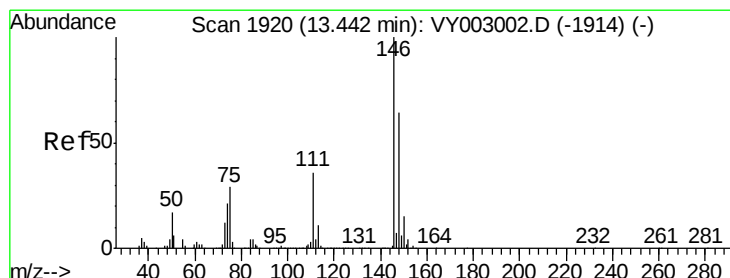
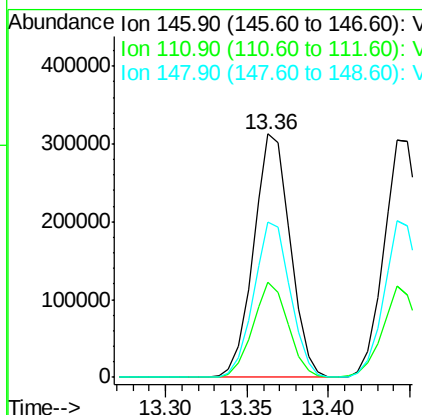
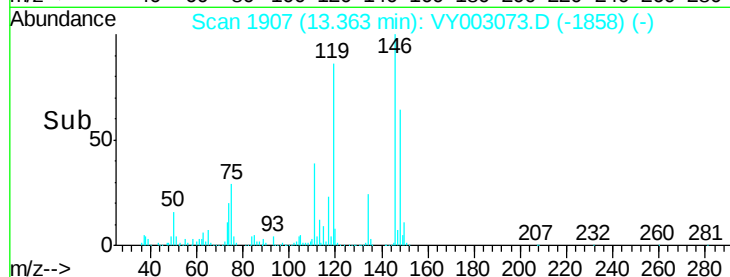
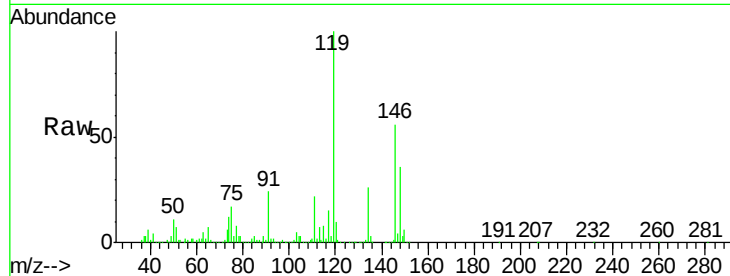
#87
 1,3-Dichlorobenzene
 Concen: 53.084 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	485398		
111	37.7	18.8	56.3	
148	63.8	31.8	95.3	

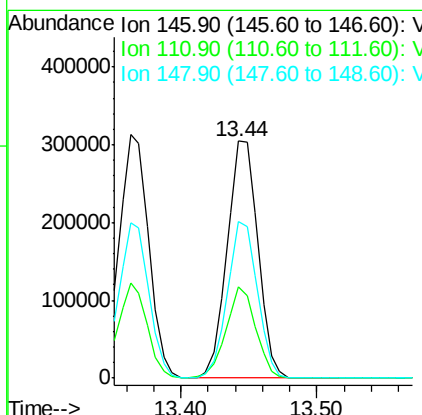
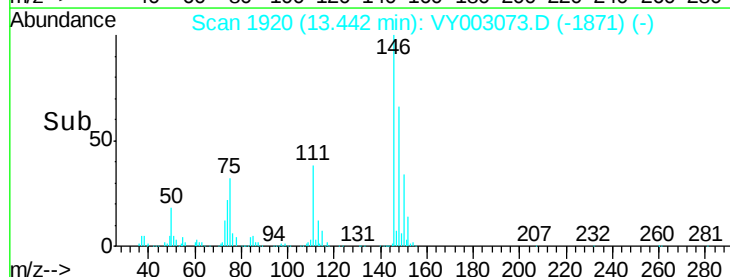
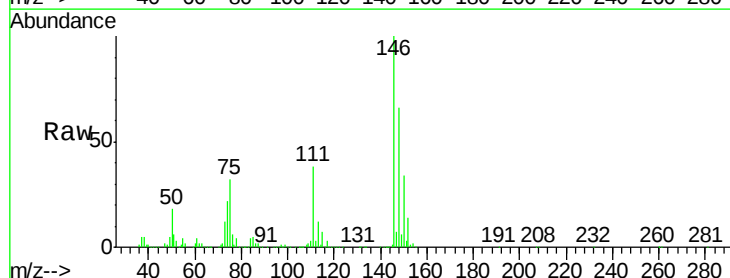
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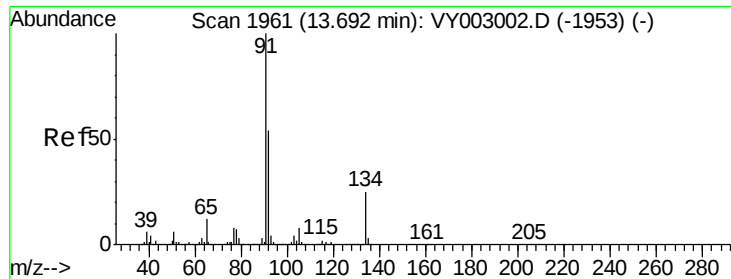
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#88
 1,4-Dichlorobenzene
 Concen: 53.176 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	479466		
111	36.7	18.4	55.4	
148	64.5	32.3	96.9	





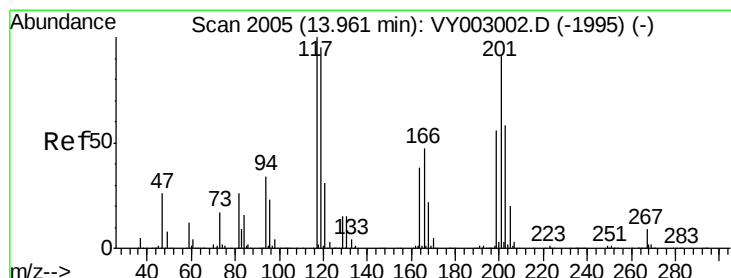
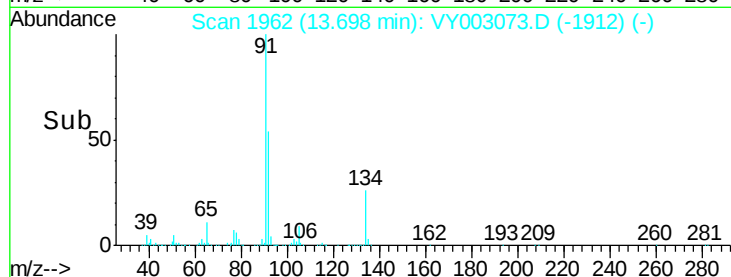
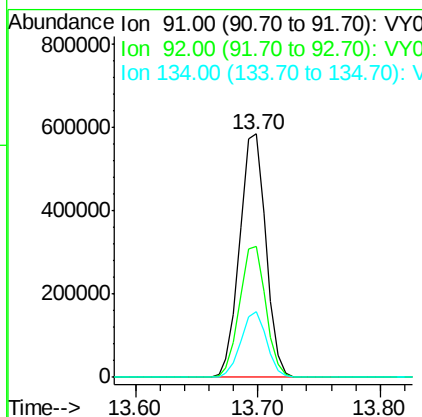
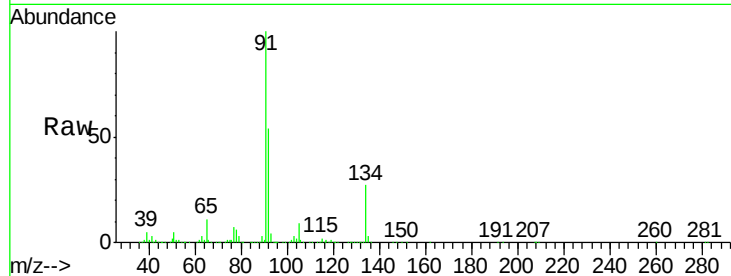
#89
n-Butylbenzene
Concen: 50.328 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.8	80.3
134	26.6	13.1	39.1

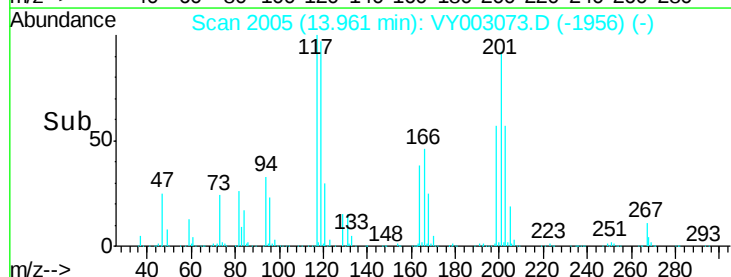
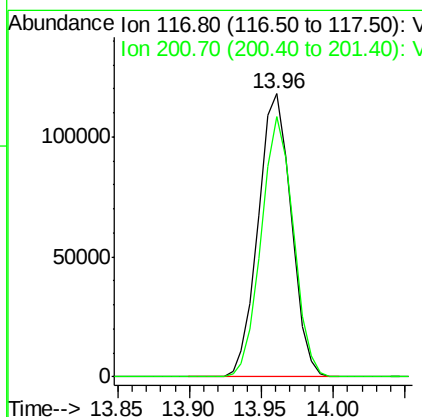
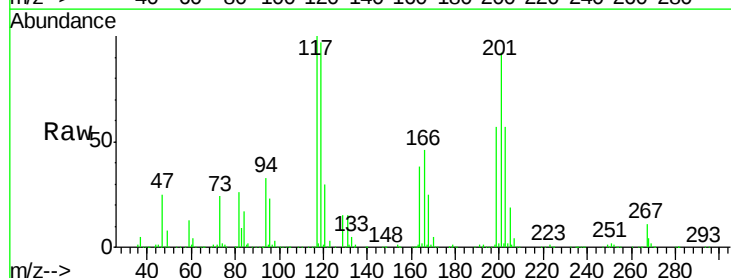
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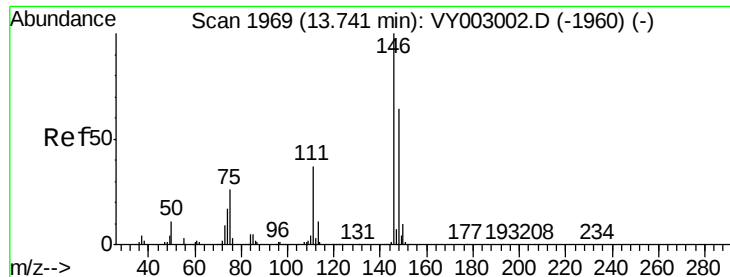
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#90
Hexachloroethane
Concen: 52.513 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.1	45.5	136.4





#91

1,2-Dichlorobenzene

Concen: 53.852 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003073.D

Acq: 01 Jul 2020 21:02

Instrument :

MSVOA_Y

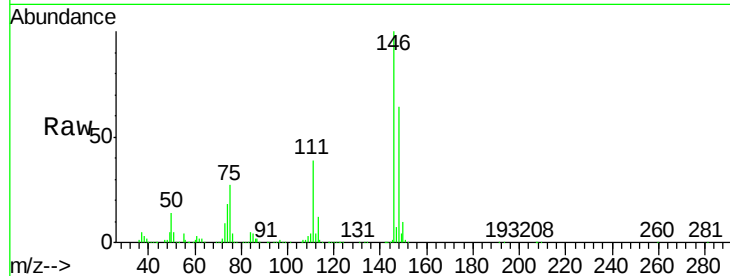
ClientSampleId :

VSTDCCC050EC

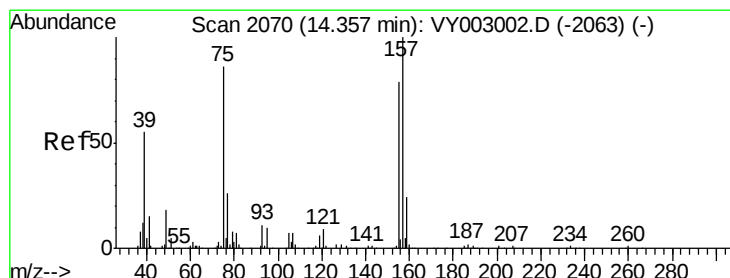
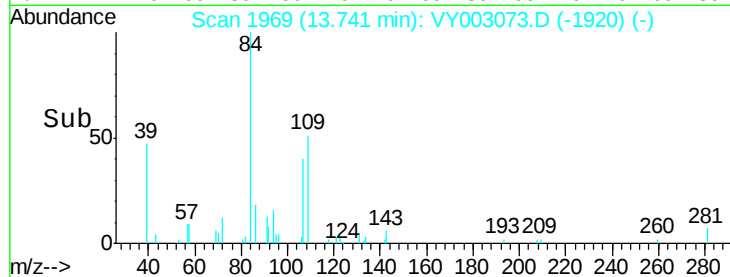
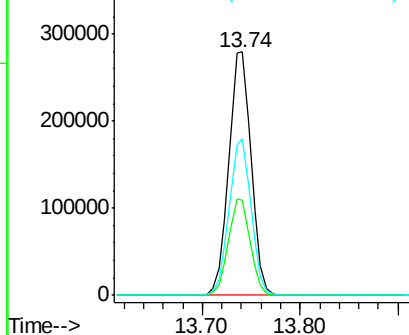
Tot Ion:	146	Resp:	441805
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.1	57.5
148	63.4	31.8	95.3

Manual Integrations
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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.745 ug/l

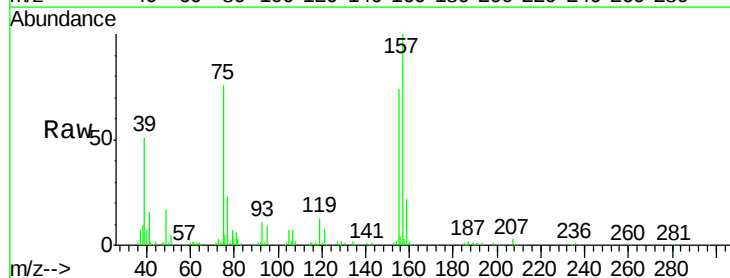
RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

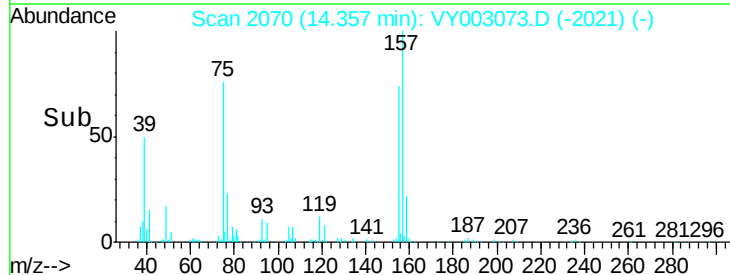
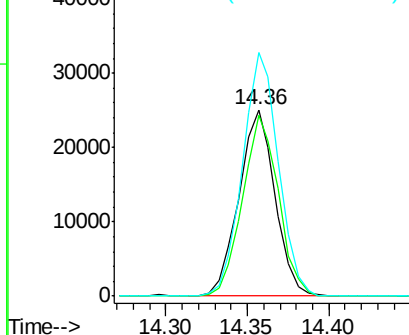
Lab File: VY003073.D

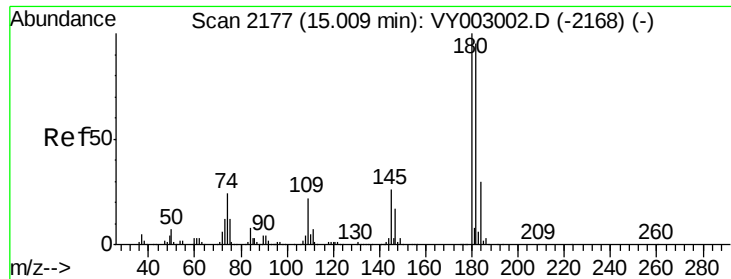
Acq: 01 Jul 2020 21:02

Tgt Ion:	75	Resp:	38723
Ion Ratio	Lower	Upper	
75	100		
155	95.8	46.5	139.3
157	129.5	59.2	177.5



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





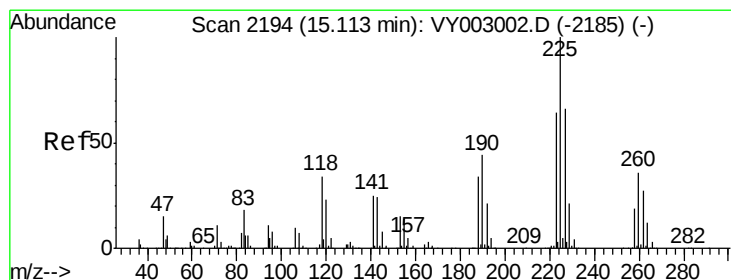
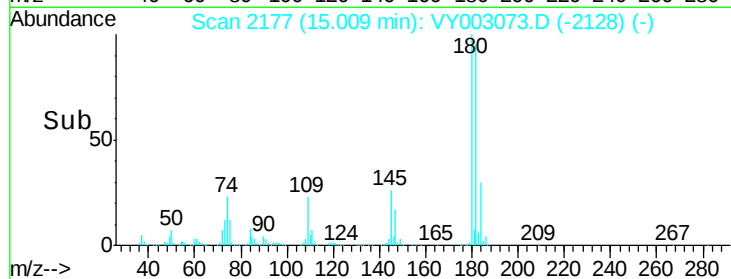
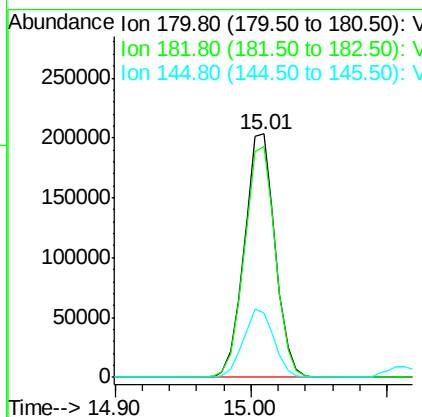
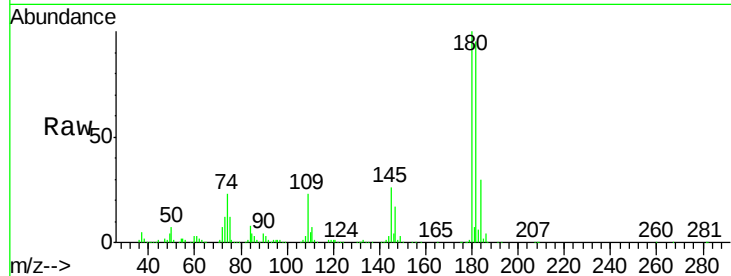
#93
 1,2,4-Trichlorobenzene
 Concen: 52.440 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	319678		
182	95.8	48.1	144.3	
145	27.9	13.9	41.6	

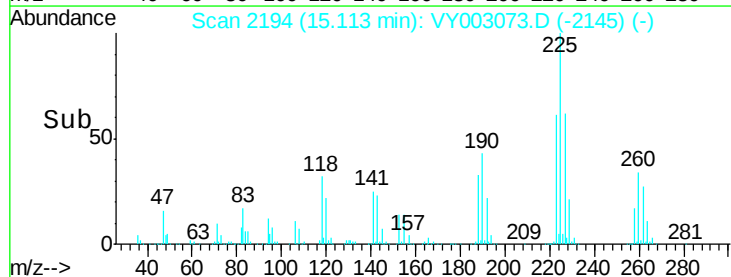
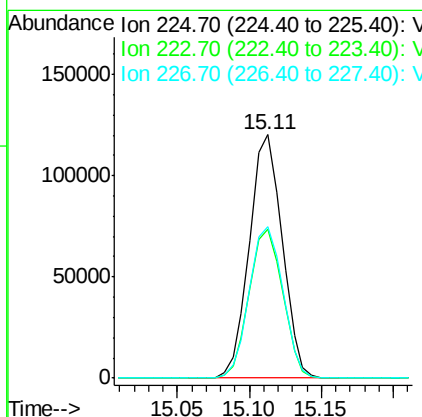
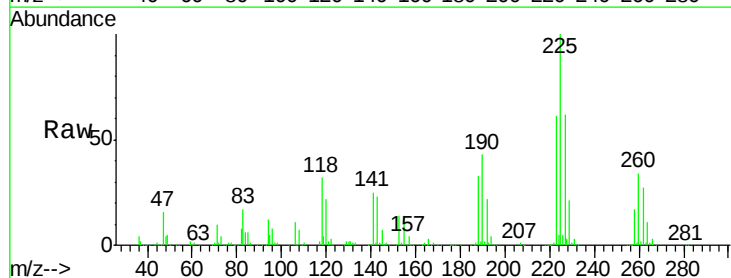
Manual Integrations
 APPROVED

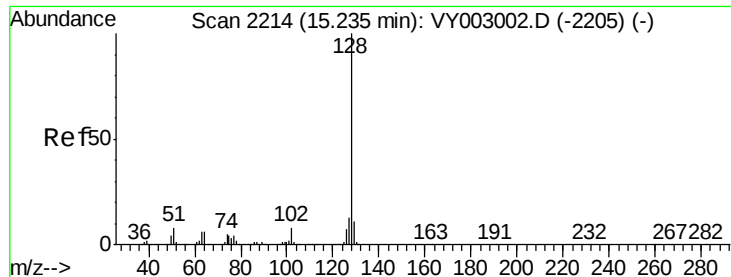
MMDadoda
 7/2/2020 5:01:39 PM



#94
 Hexachlorobutadiene
 Concen: 49.252 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003073.D
 Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	189383		
223	62.7	32.4	97.0	
227	63.9	32.4	97.2	





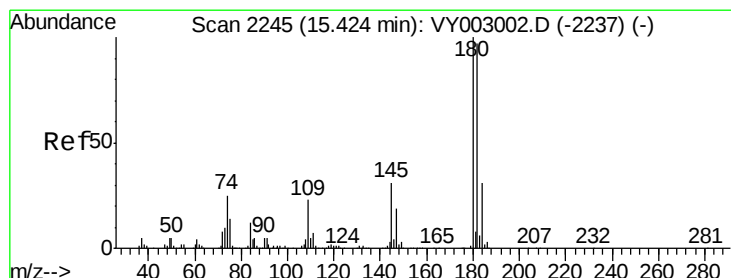
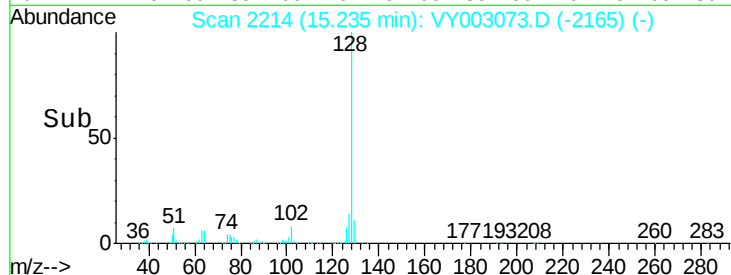
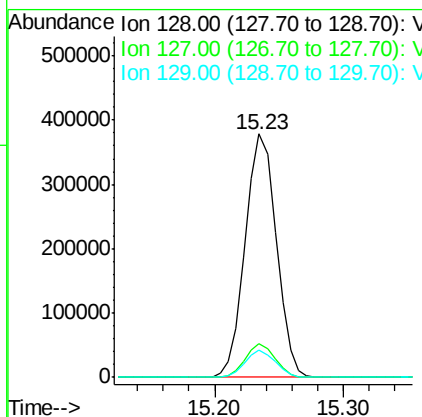
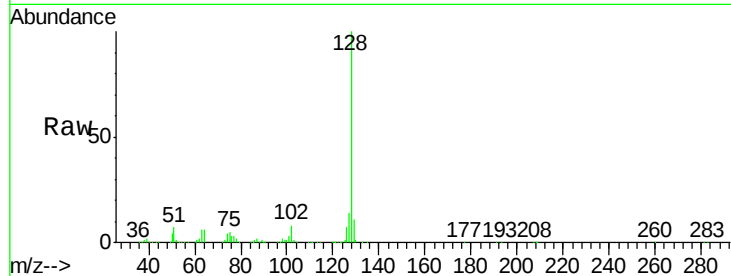
#95
Naphthalene
Concen: 56.706 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.8	16.2
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
7/2/2020 5:01:39 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.314 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003073.D
Acq: 01 Jul 2020 21:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	29.3	14.7	44.1

