

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003253.D
 Acq On : 21 Jul 2020 16:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:43:20 PM

Quant Time: Jul 22 03:36:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	456167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	673275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	630596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	333408	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	193491	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
35) Dibromofluoromethane	7.72	113	187085	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	10.18	98	686005	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.48	95	248442	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	130932	40.047	ug/l	99
3) Chloromethane	2.11	50	202234	44.594	ug/l	97
4) Vinyl Chloride	2.26	62	215229	46.256	ug/l	100
5) Bromomethane	2.65	94	165234	47.809	ug/l	98
6) Chloroethane	2.80	64	143004	46.792	ug/l	99
7) Trichlorofluoromethane	3.13	101	318625	47.950	ug/l	97
8) Diethyl Ether	3.54	74	113938	51.169	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.91	101	195103	48.615	ug/l	99
10) Methyl Iodide	4.10	142	208089	47.725	ug/l	100
11) Tert butyl alcohol	4.96	59	104957	252.101	ug/l	99
12) 1,1-Dichloroethene	3.88	96	186694	49.183	ug/l	99
13) Acrolein	3.74	56	83282	230.466	ug/l	100
14) Allyl chloride	4.49	41	304651	54.088	ug/l	96
15) Acrylonitrile	5.18	53	298190	278.781	ug/l	100
16) Acetone	3.96	43	246378	286.479	ug/l	94
17) Carbon Disulfide	4.20	76	560583	48.127	ug/l	99
18) Methyl Acetate	4.48	43	135628	56.786	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	559946	52.638	ug/l	98
20) Methylene Chloride	4.72	84	225236	52.306	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	212872	49.581	ug/l	95
22) Diisopropyl ether	6.13	45	686826	54.943	ug/l	97
23) Vinyl Acetate	6.07	43	2291544	275.030	ug/l	98
24) 1,1-Dichloroethane	6.03	63	379834	52.447	ug/l	99
25) 2-Butanone	6.99	43	391665	277.368	ug/l	97
26) 2,2-Dichloropropane	6.99	77	327127	50.156	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	243068	51.420	ug/l	99
28) Bromochloromethane	7.34	49	164312	52.403	ug/l	98
29) Tetrahydrofuran	7.35	42	264978	279.333	ug/l	96
30) Chloroform	7.52	83	388445	52.077	ug/l	97
31) Cyclohexane	7.78	56	334984	47.834	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	336920	50.174	ug/l	99
36) 1,1-Dichloropropene	7.92	75	295290	48.392	ug/l	99
37) Ethyl Acetate	7.08	43	179171	54.523	ug/l	99
38) Carbon Tetrachloride	7.91	117	307461	48.807	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	368054	48.014	ug/l	98
40) Benzene	8.17	78	849360	50.551	ug/l	96
41) Methacrylonitrile	7.33	41	93623m	47.304	ug/l	
42) 1,2-Dichloroethane	8.24	62	261188	50.494	ug/l	99
43) Isopropyl Acetate	8.28	43	338397	53.200	ug/l	100
44) Trichloroethene	8.94	130	248749	48.294	ug/l	95
45) 1,2-Dichloropropane	9.22	63	225803	51.938	ug/l	98
46) Dibromomethane	9.31	93	130064	51.221	ug/l	98
47) Bromodichloromethane	9.50	83	311444	51.570	ug/l	99
48) Methyl methacrylate	9.30	41	151544	53.292	ug/l	96
49) 1,4-Dioxane	9.30	88	33468	1038.490	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	894482	270.551	ug/l	100
52) Toluene	10.24	92	532490	49.583	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	325566	52.031	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	373896	51.862	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	182508	50.722	ug/l	96
56) Ethyl methacrylate	10.51	69	262440	53.647	ug/l	96
57) 1,3-Dichloropropane	10.79	76	318932	52.275	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	664728	266.436	ug/l	99
59) 2-Hexanone	10.83	43	631549	273.642	ug/l	99
60) Dibromochloromethane	10.99	129	234620	51.842	ug/l	99
61) 1,2-Dibromoethane	11.09	107	177008	49.843	ug/l	98
64) Tetrachloroethene	10.72	164	256862	45.684	ug/l	99
65) Chlorobenzene	11.52	112	598835	49.295	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	234878	49.781	ug/l	99
67) Ethyl Benzene	11.59	91	1068417	49.258	ug/l	99
68) m/p-Xylenes	11.70	106	807444	98.110	ug/l	100
69) o-Xylene	12.03	106	387116	50.350	ug/l	100
70) Styrene	12.04	104	673533	51.209	ug/l	100
71) Bromoform	12.20	173	160604	51.863	ug/l	100
73) Isopropylbenzene	12.33	105	1043374	49.107	ug/l	99
74) N-amyl acetate	12.14	43	318756	53.468	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	214322	52.228	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	156541m	53.043	ug/l	
77) Bromobenzene	12.61	156	269582	49.776	ug/l	99
78) n-propylbenzene	12.67	91	1250297	49.922	ug/l	99
79) 2-Chlorotoluene	12.75	91	694199	49.680	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	876215	49.480	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	79156	52.199	ug/l	95
82) 4-Chlorotoluene	12.85	91	729897	50.045	ug/l	100
83) tert-Butylbenzene	13.08	119	781774	50.033	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	885962	49.724	ug/l	98
85) sec-Butylbenzene	13.25	105	1073188	49.971	ug/l	100
86) p-Isopropyltoluene	13.37	119	995362	49.638	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	515276	50.311	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	510388	50.335	ug/l	99
89) n-Butylbenzene	13.70	91	937698	49.715	ug/l	100
90) Hexachloroethane	13.96	117	186971	51.201	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	465511	51.793	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	36628	55.057	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	334690	52.344	ug/l	99
94) Hexachlorobutadiene	15.11	225	212809	48.572	ug/l	99
95) Naphthalene	15.23	128	632667	59.871	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	290954	57.564	ug/l	99

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

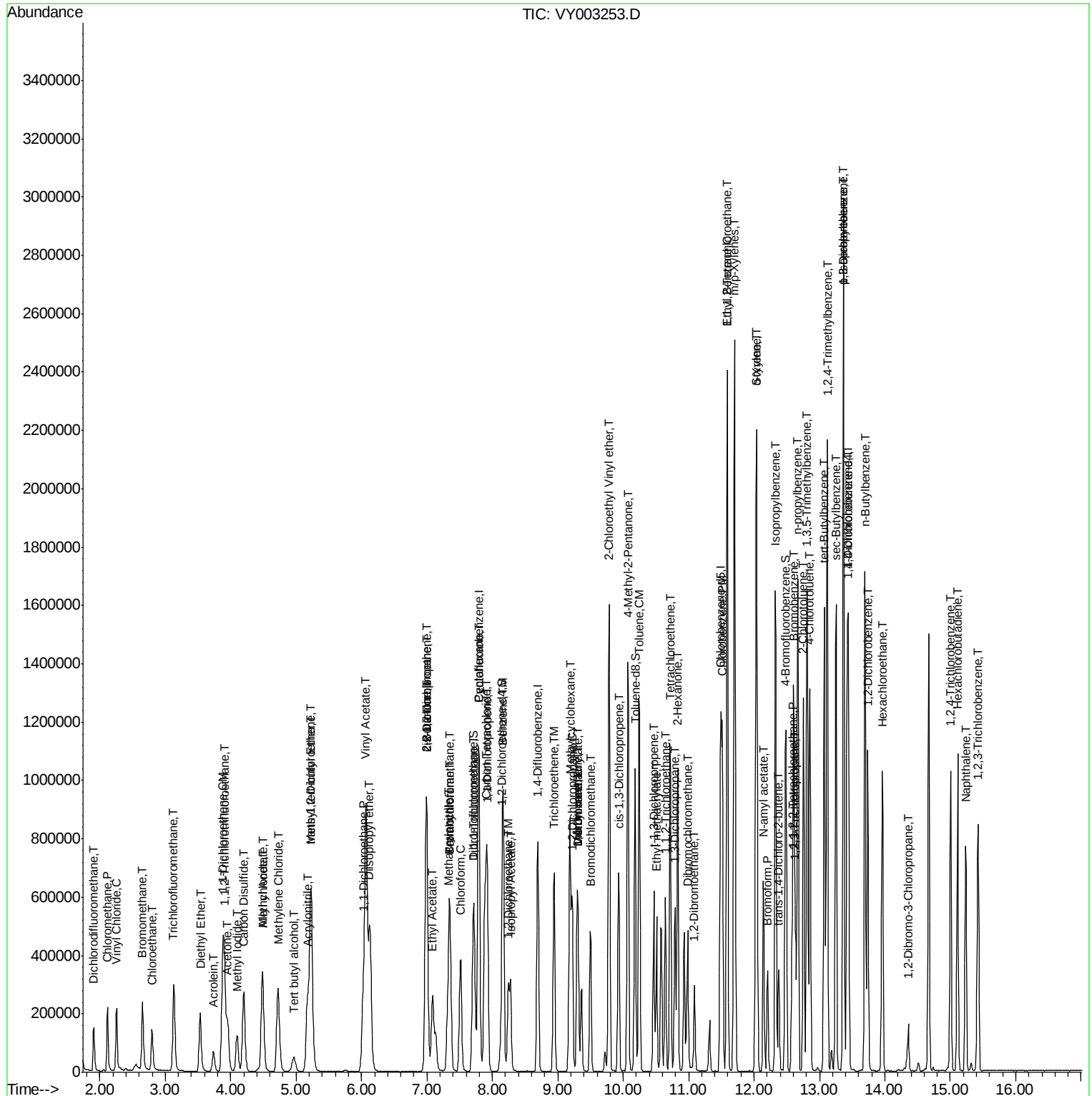
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
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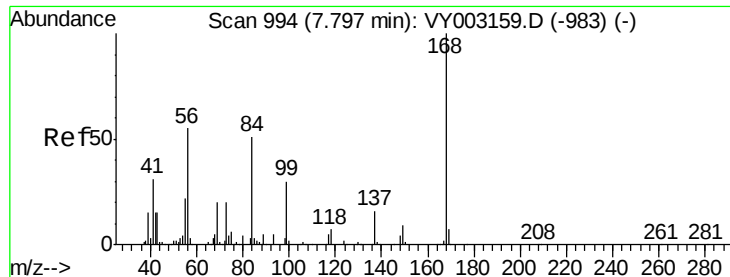
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 456167

Ion Ratio Lower Upper

168 100

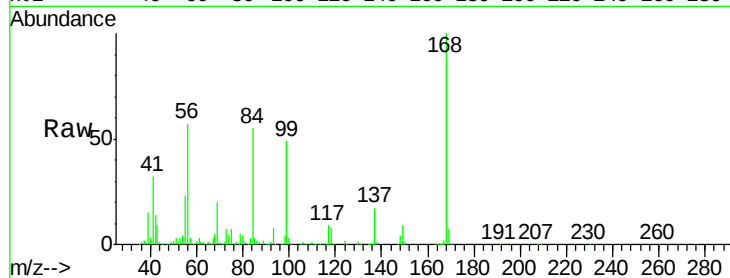
99 49.4 37.3 55.9

Manual Integrations

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7/22/2020 2:43:20 PM



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

200000

150000

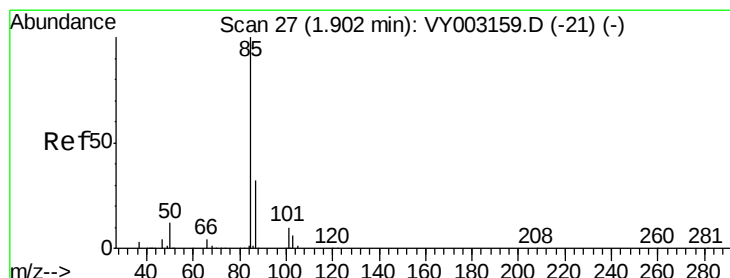
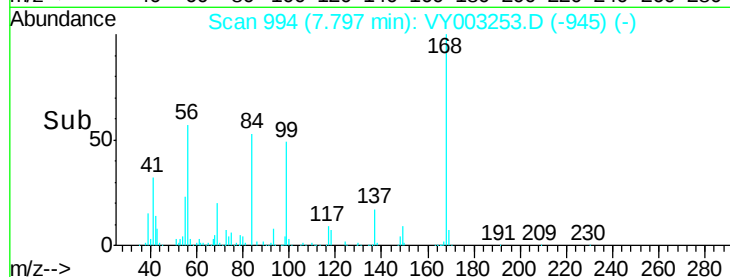
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 40.047 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003253.D

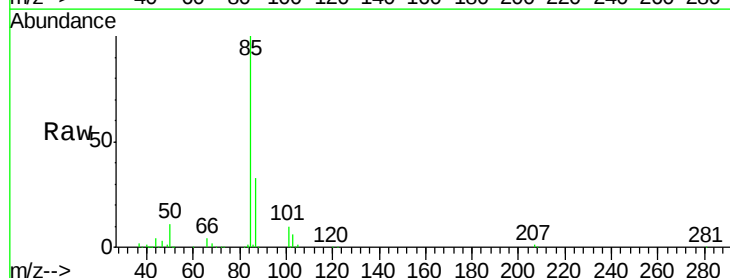
Acq: 21 Jul 2020 16:27

Tgt Ion: 85 Resp: 130932

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003159.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003159.D (-21) (-)

1.91

100000

80000

60000

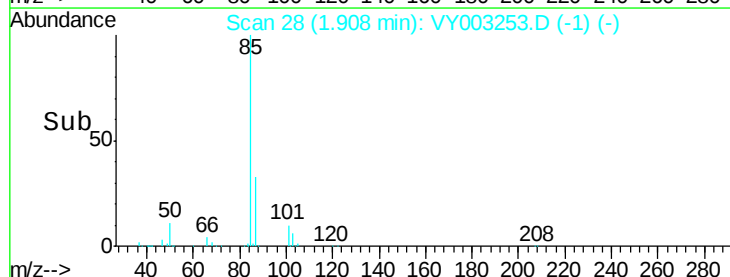
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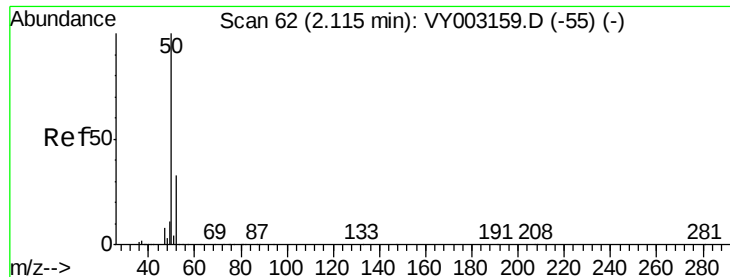
20000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 44.594 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 202234

Ion Ratio Lower Upper

50 100

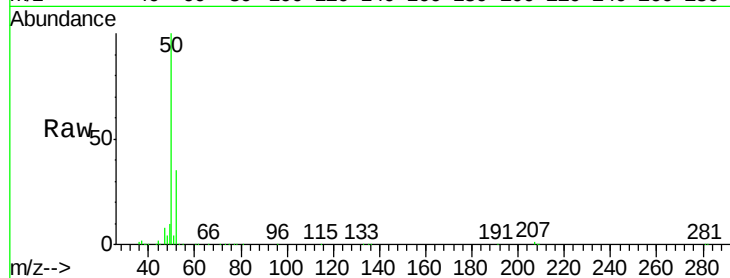
52 35.1 26.6 39.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

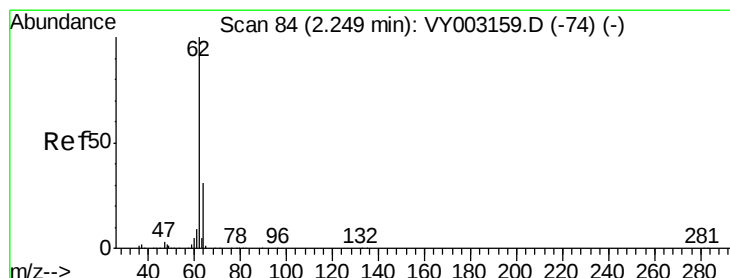
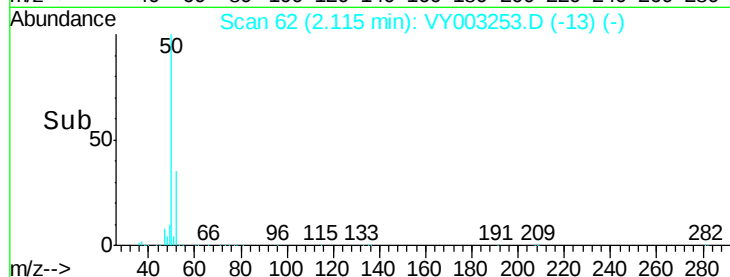
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 46.256 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003253.D

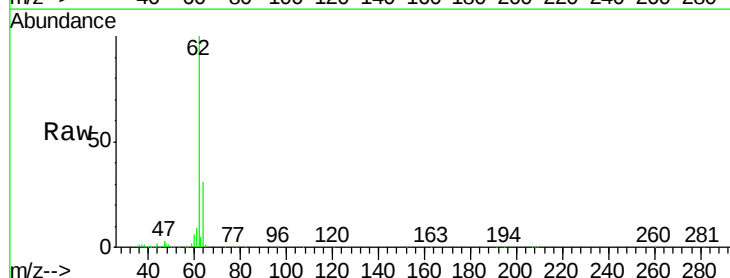
Acq: 21 Jul 2020 16:27

Tgt Ion: 62 Resp: 215229

Ion Ratio Lower Upper

62 100

64 31.1 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

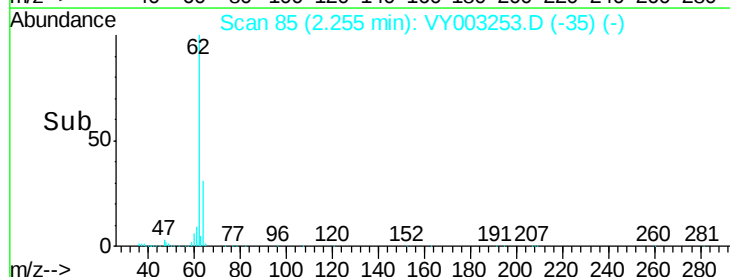
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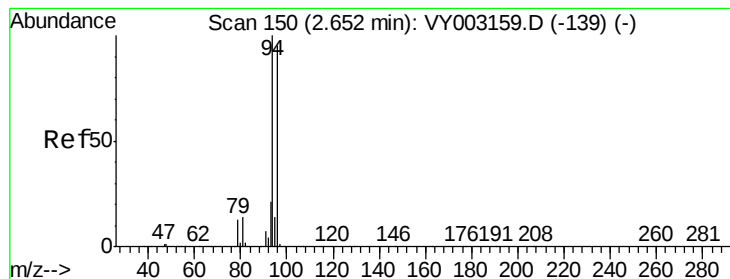
100000

50000

0

Time-->





#5

Bromomethane

Concen: 47.809 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 165234

Ion Ratio Lower Upper

94 100

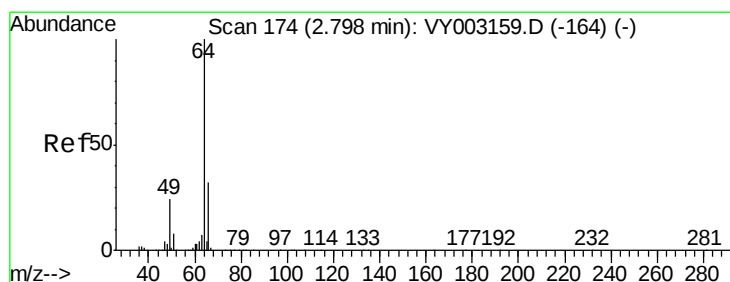
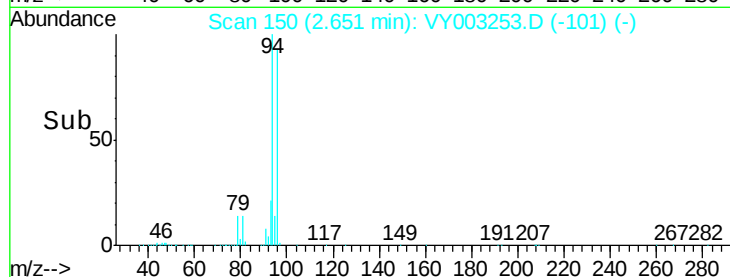
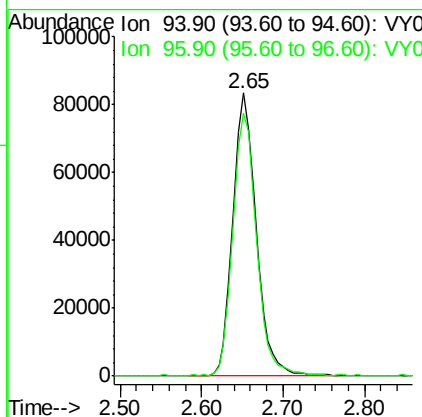
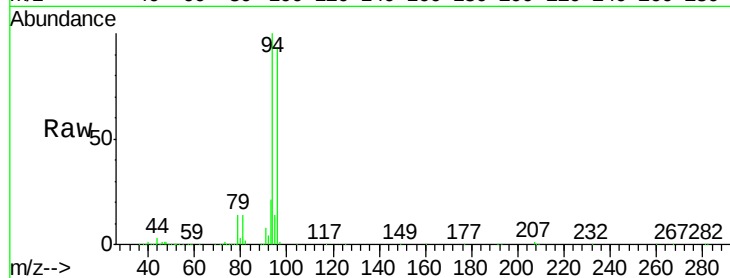
96 92.8 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 46.792 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003253.D

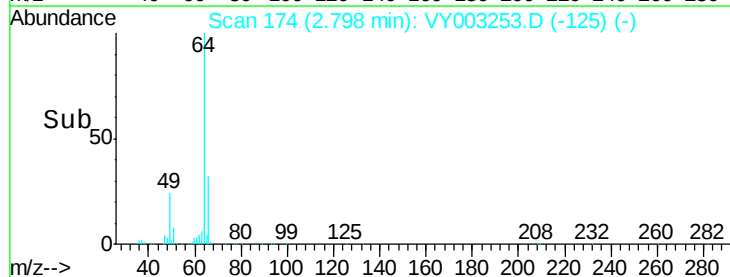
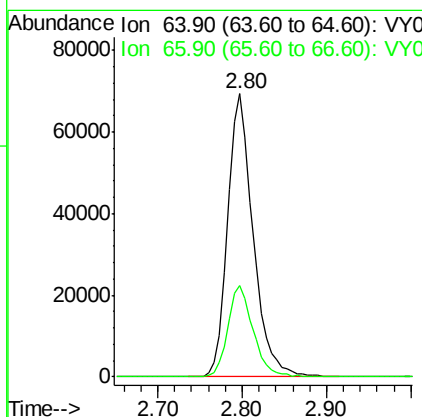
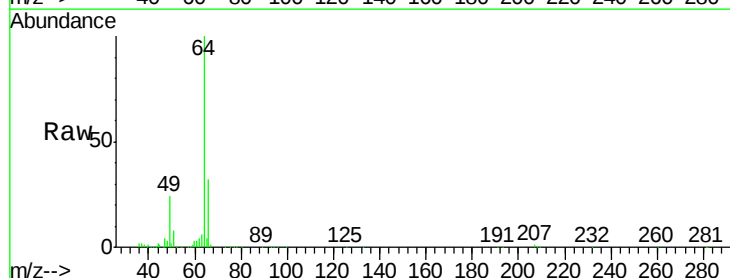
Acq: 21 Jul 2020 16:27

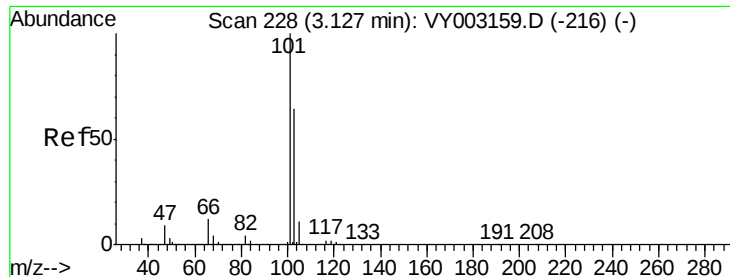
Tgt Ion: 64 Resp: 143004

Ion Ratio Lower Upper

64 100

66 32.1 26.0 39.0





#7

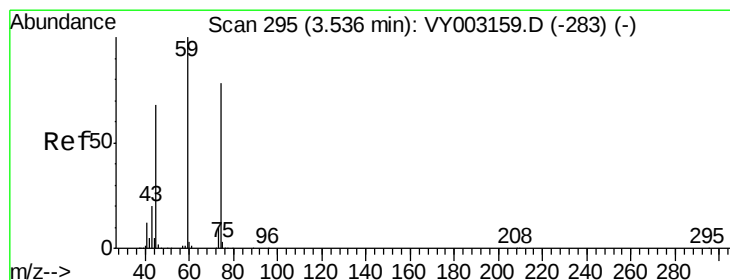
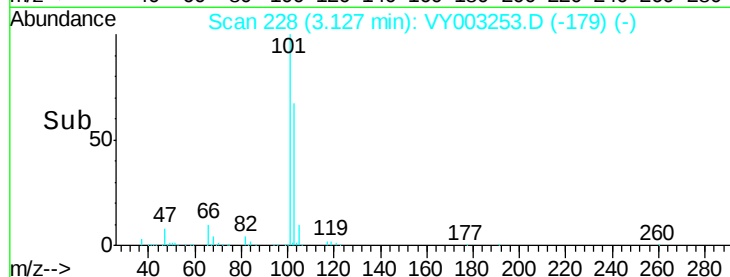
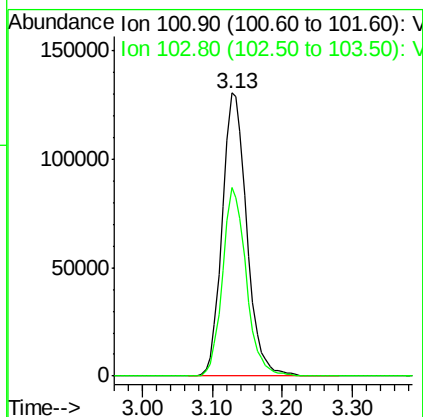
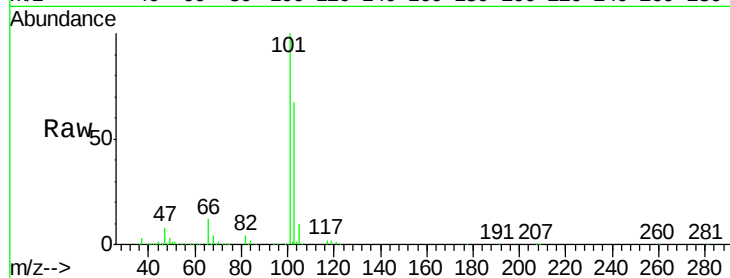
Trichlorofluoromethane
Concen: 47.950 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.7	51.3	76.9

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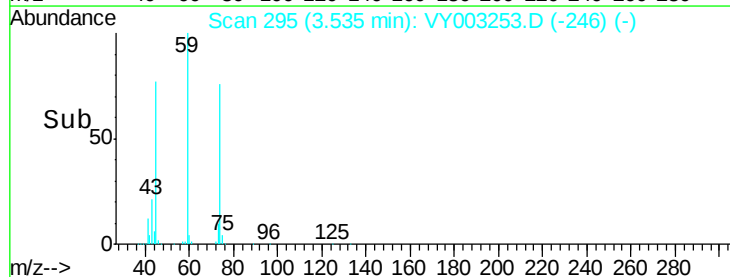
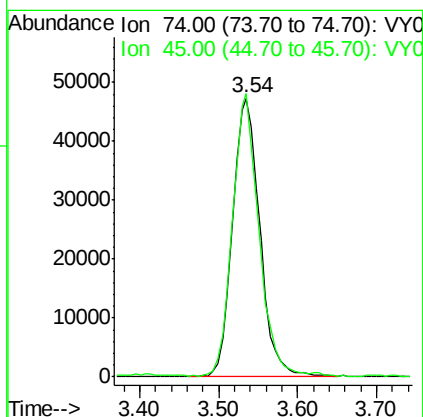
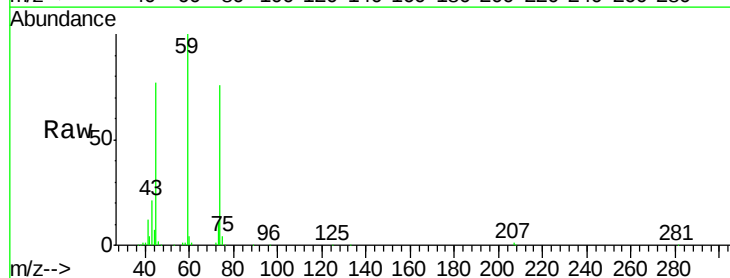
MMDadoda
7/22/2020 2:43:20 PM

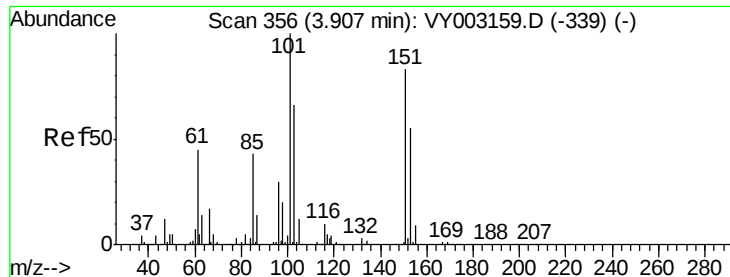


#8

Diethyl Ether
Concen: 51.169 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.615 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003253.D

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MSVOA_Y

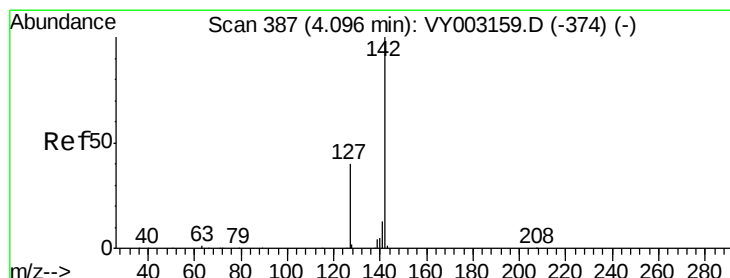
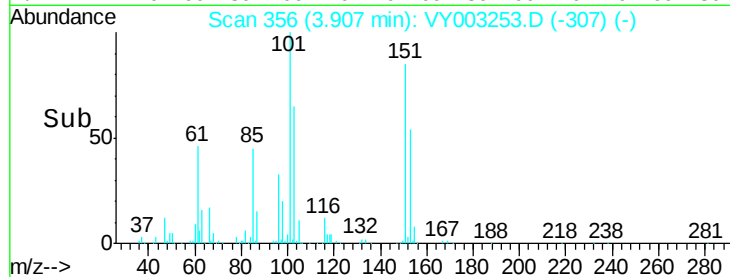
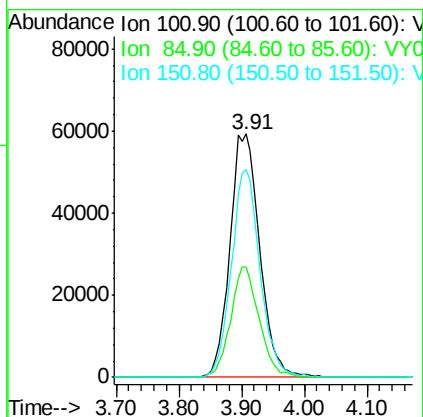
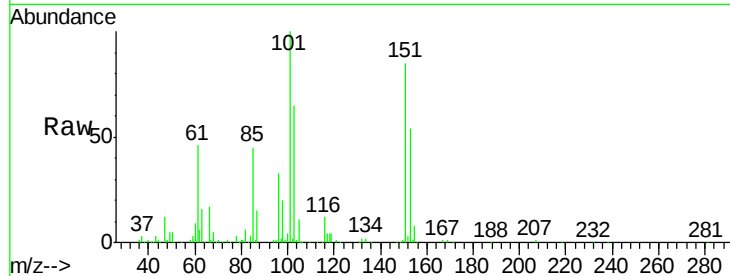
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	195103
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.9	52.3
151	82.2	67.0	100.6

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#10

Methyl Iodide

Concen: 47.725 ug/l

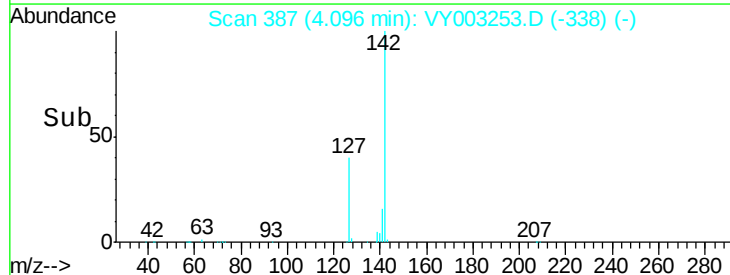
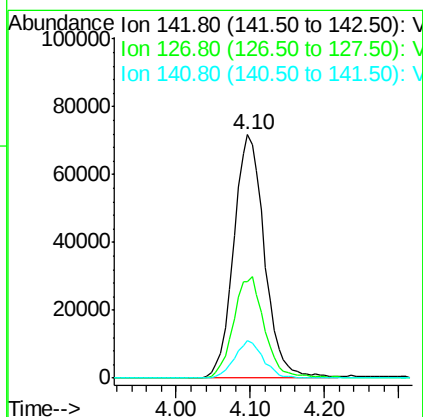
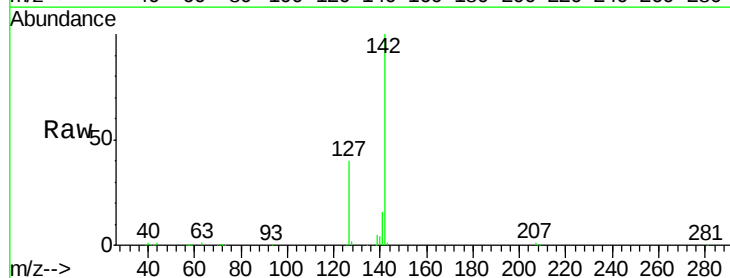
RT: 4.10 min Scan# 387

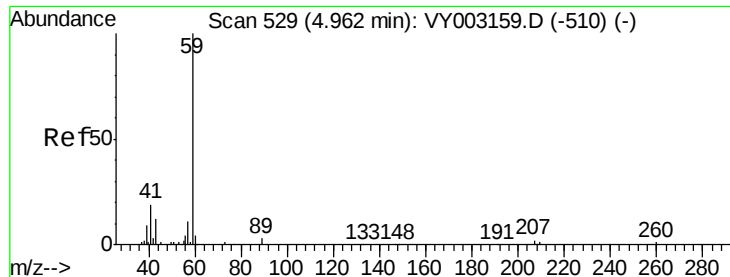
Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Tgt Ion:	142	Resp:	208089
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.5	50.3
141	14.6	11.2	16.8





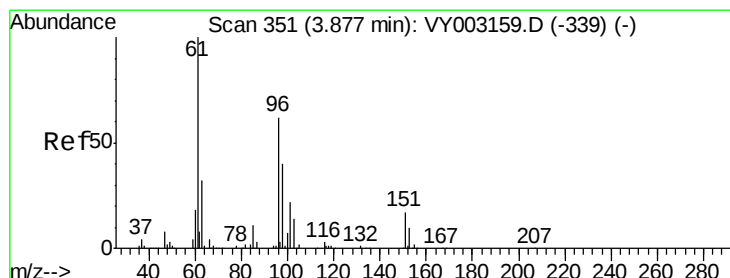
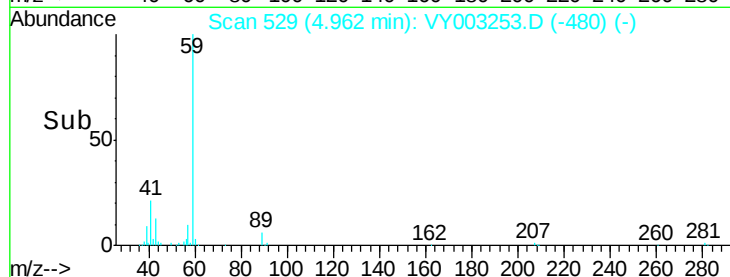
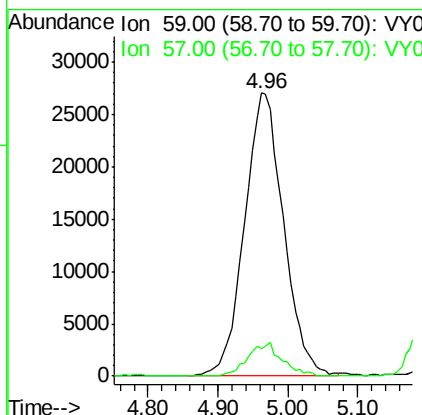
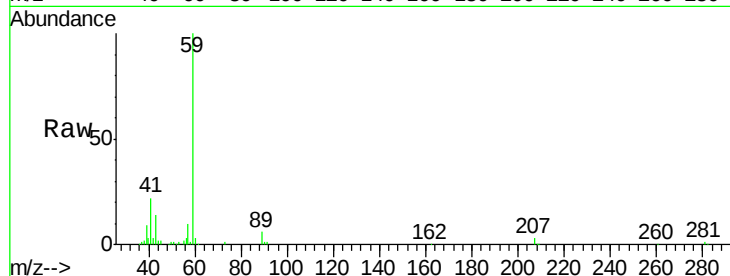
#11
Tert butyl alcohol
Concen: 252.101 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.4	12.6

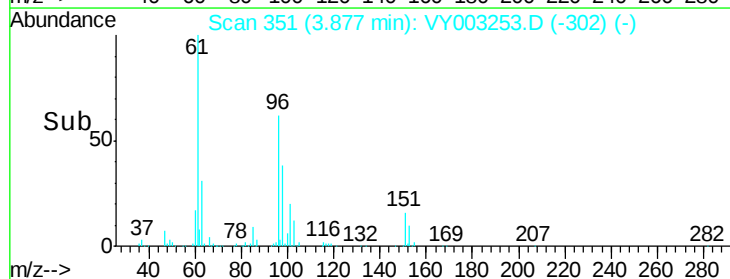
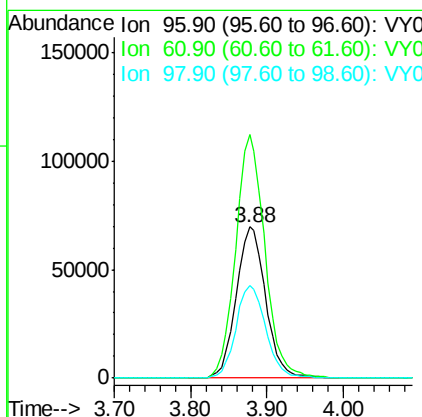
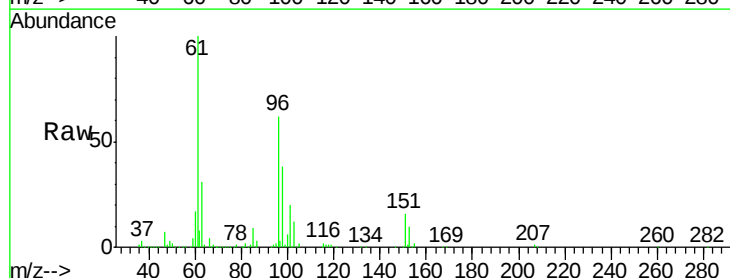
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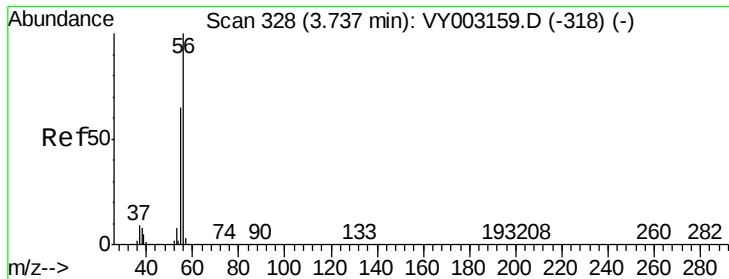
MMDadoda
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#12
1,1-Dichloroethene
Concen: 49.183 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.0	128.6	193.0
98	61.1	51.6	77.4





#13

Acrolein

Concen: 230.466 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 83282

Ion Ratio Lower Upper

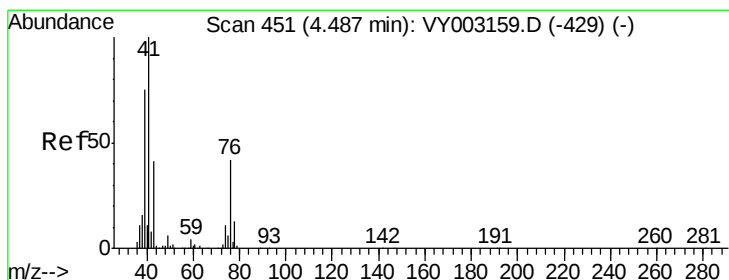
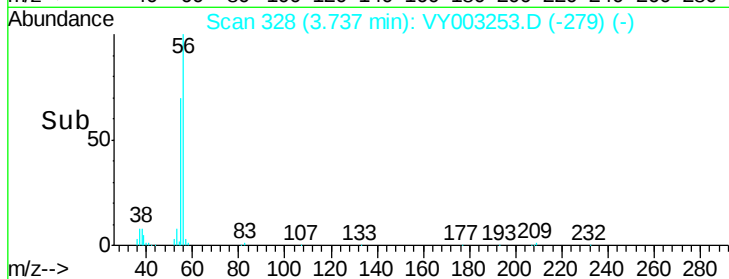
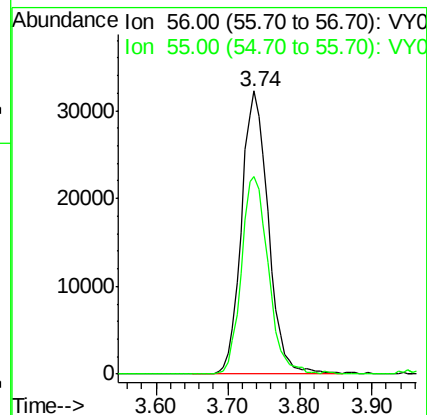
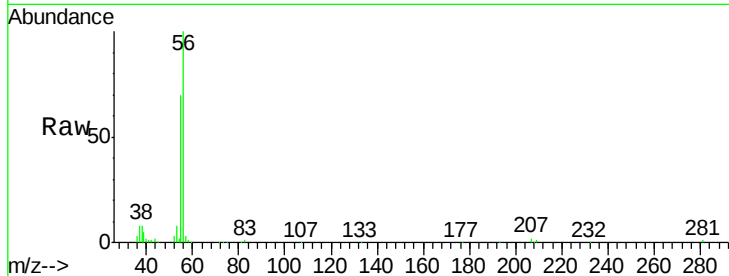
56 100

55 70.2 56.0 84.0

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#14

Allyl chloride

Concen: 54.088 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

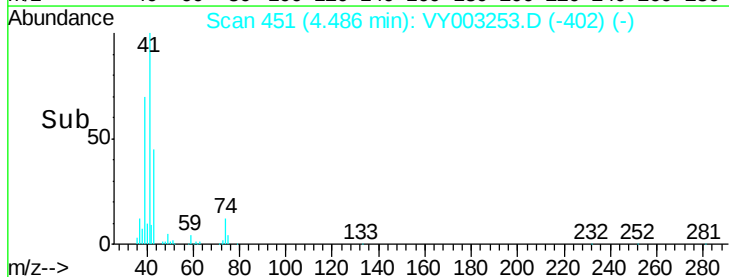
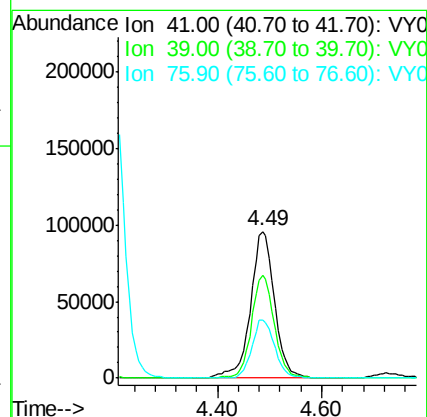
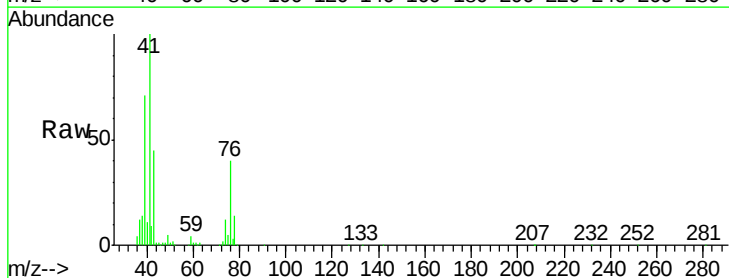
Tgt Ion: 41 Resp: 304651

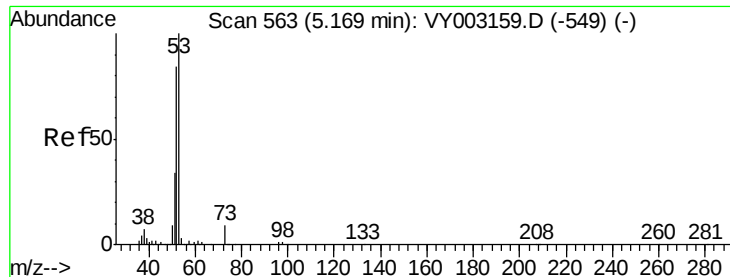
Ion Ratio Lower Upper

41 100

39 66.5 56.6 85.0

76 37.7 31.6 47.4





#15

Acrylonitrile

Concen: 278.781 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

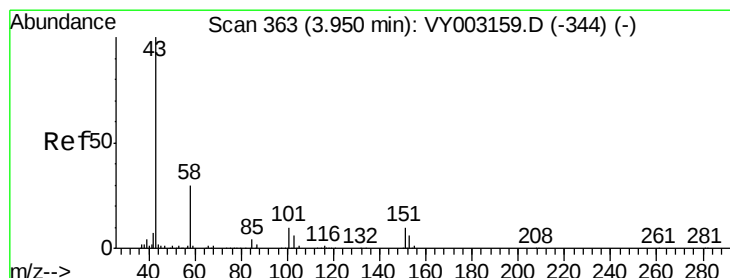
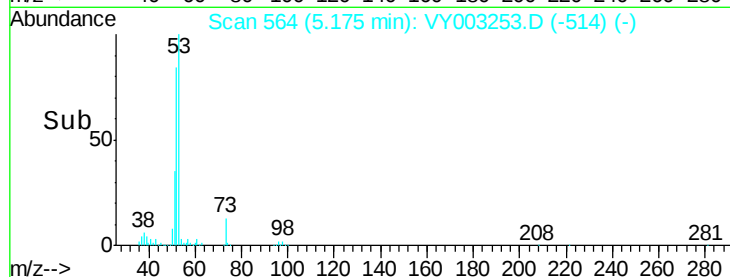
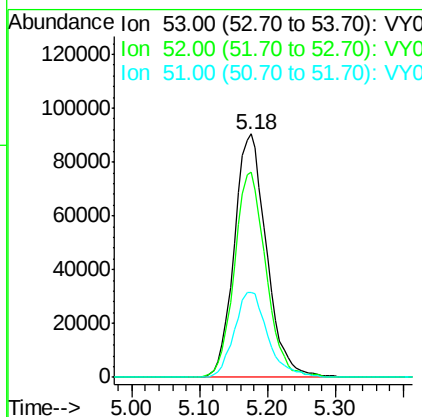
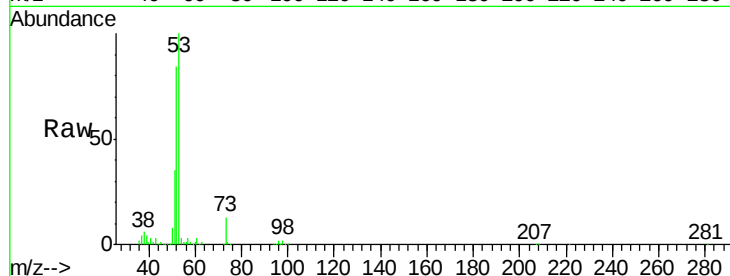
ClientSampleId :

VSTDCCC050

Tot Ion	53	Resp	298190
Ion Ratio	Lower	Upper	
53	100		
52	82.4	65.8	98.6
51	36.5	29.0	43.4

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#16

Acetone

Concen: 286.479 ug/l

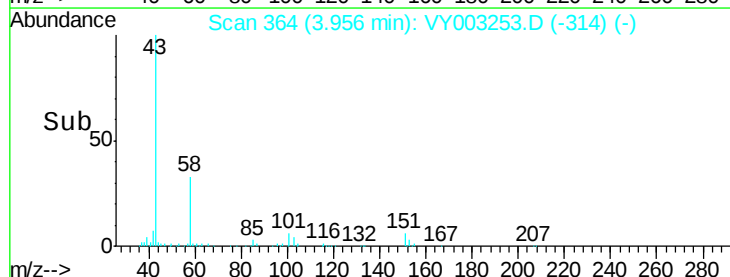
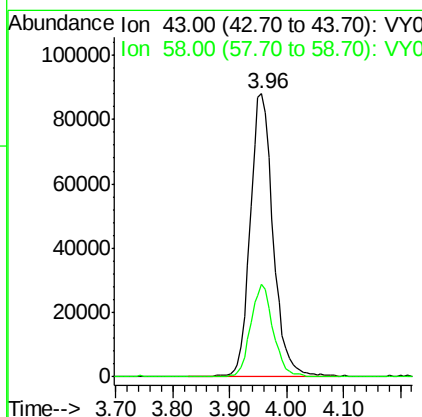
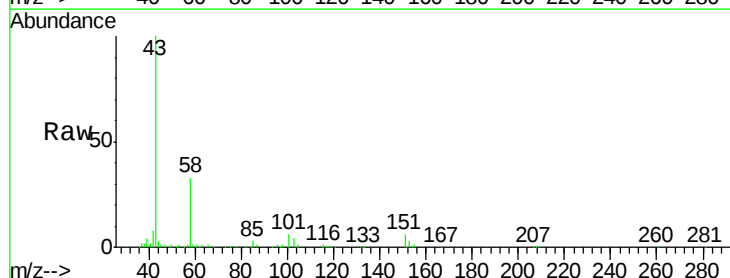
RT: 3.96 min Scan# 364

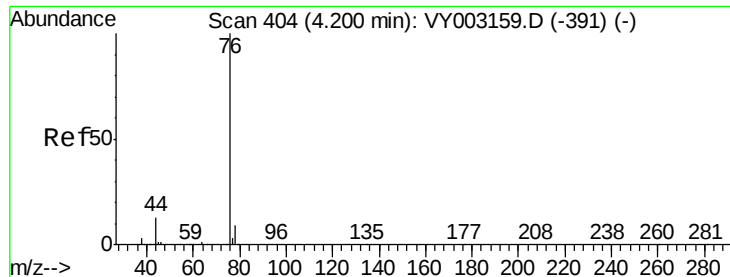
Delta R.T. 0.01 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Tgt Ion	43	Resp	246378
Ion Ratio	Lower	Upper	
43	100		
58	32.7	23.8	35.6





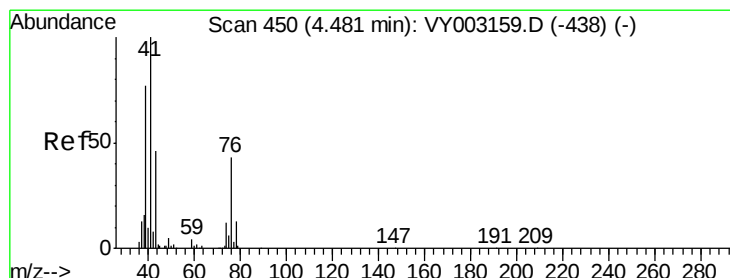
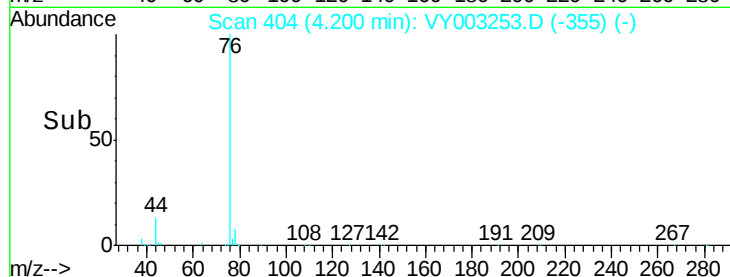
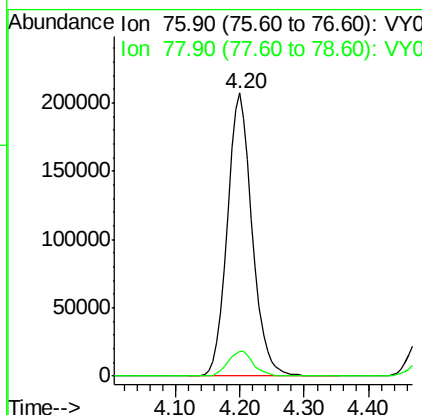
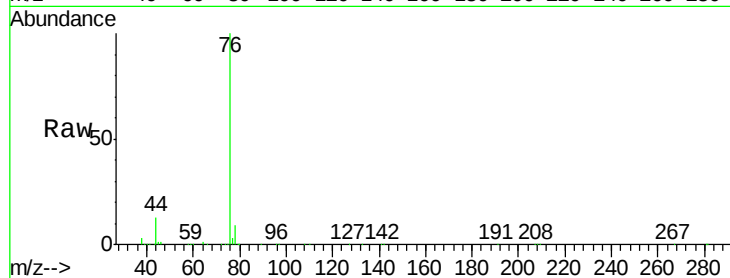
#17
Carbon Disulfide
Concen: 48.127 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

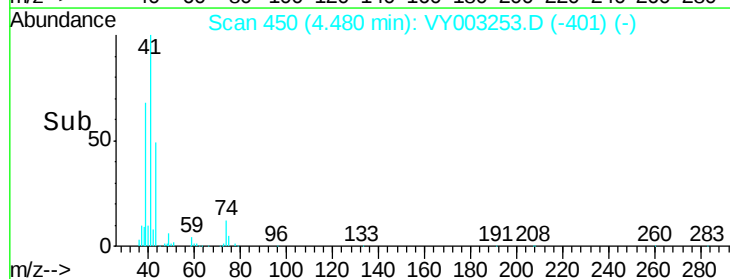
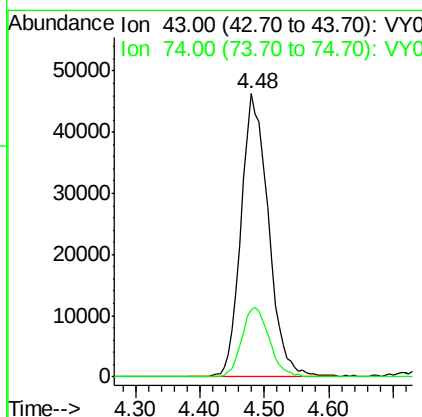
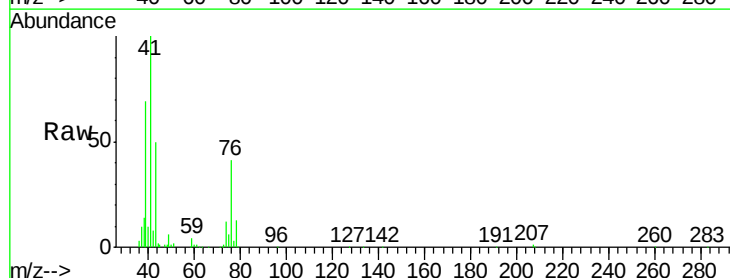
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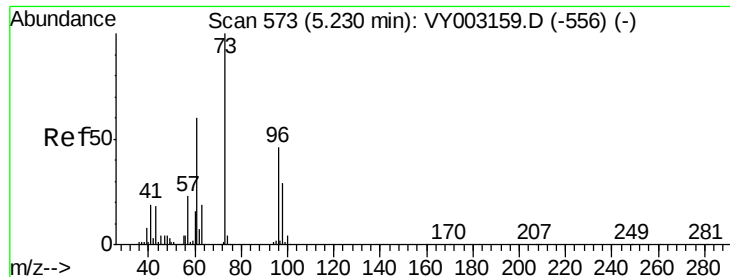
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#18
Methyl Acetate
Concen: 56.786 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	20.8	31.2





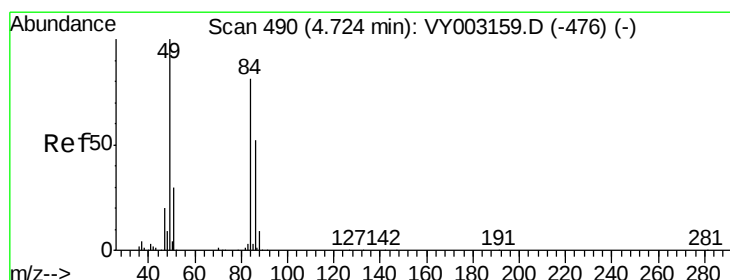
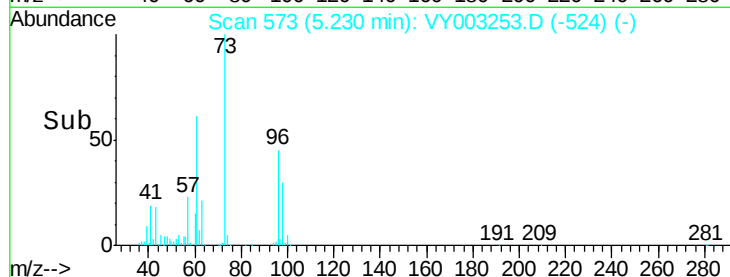
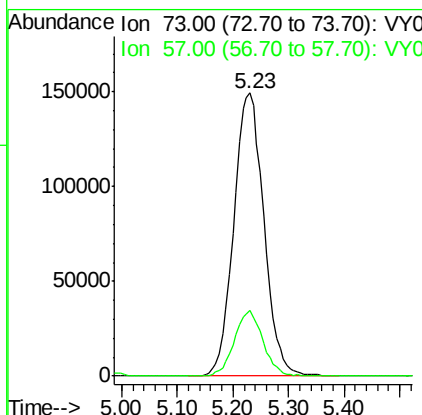
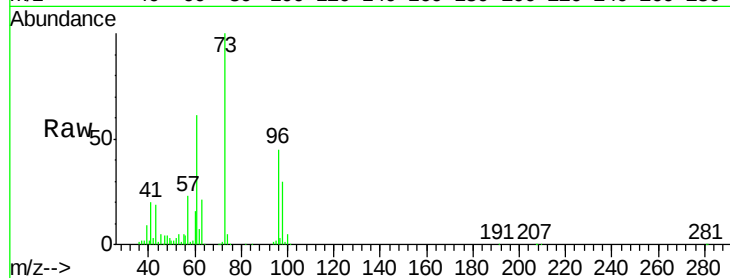
#19
Methvl tert-butvl Ether
Concen: 52.638 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 559946
Ion Ratio Lower Upper
73 100
57 23.4 18.1 27.1

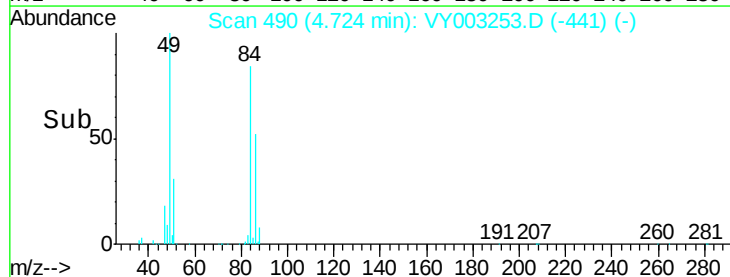
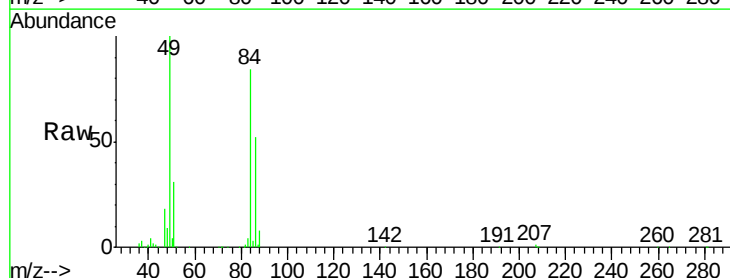
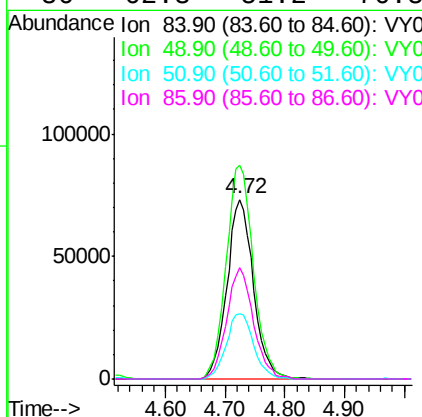
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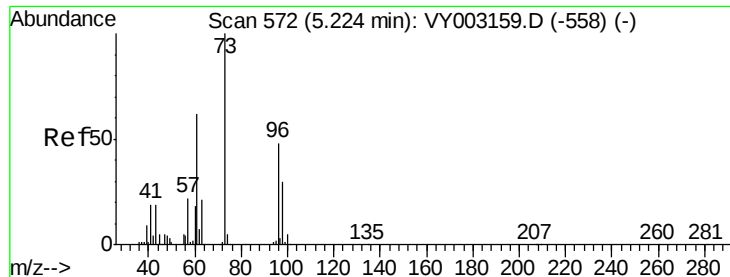
MMDadoda
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#20
Methylene Chloride
Concen: 52.306 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 84 Resp: 225236
Ion Ratio Lower Upper
84 100
49 119.2 98.2 147.4
51 36.5 29.8 44.6
86 62.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 49.581 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 212872

Ion Ratio Lower Upper

96 100

61 134.8 102.5 153.7

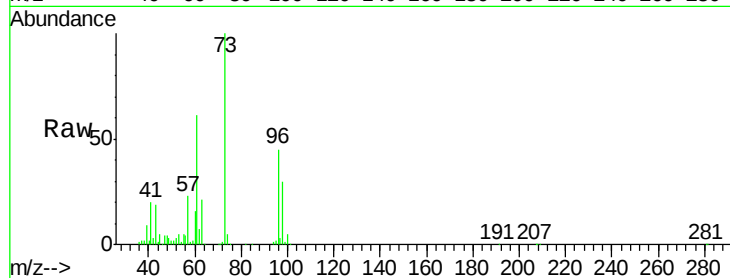
98 65.2 49.8 74.8

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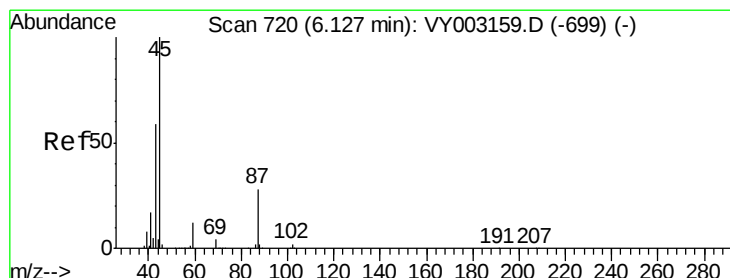
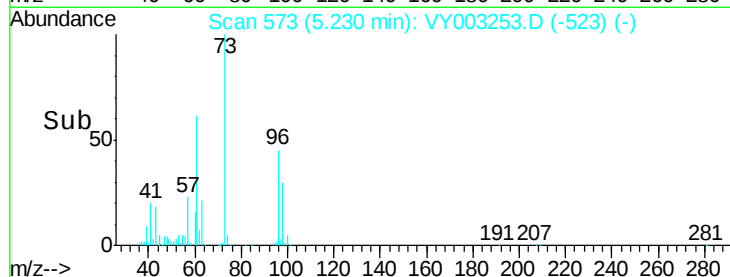
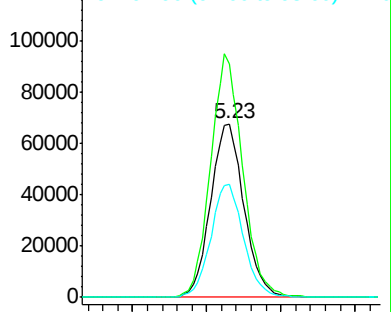


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 54.943 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Tgt Ion: 45 Resp: 686826

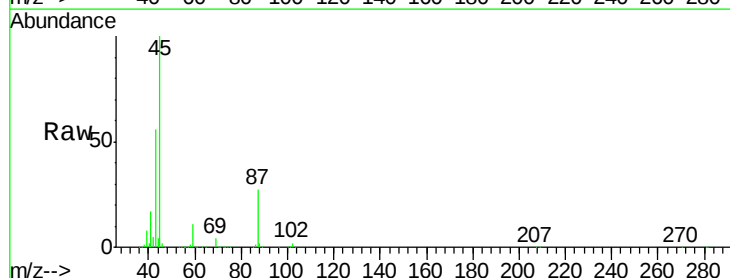
Ion Ratio Lower Upper

45 100

43 56.0 47.0 70.4

87 26.7 22.6 33.8

59 11.0 9.8 14.6



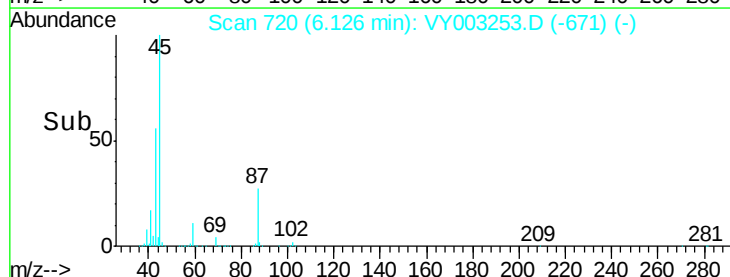
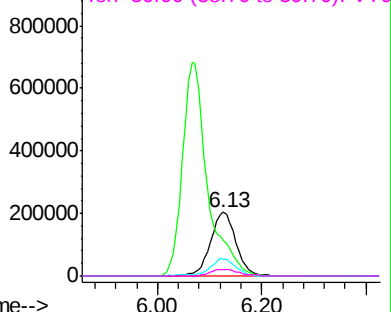
Abundance

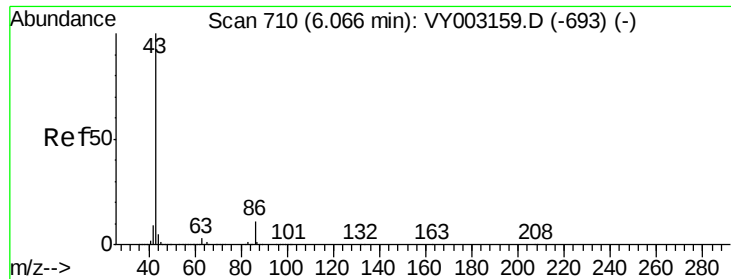
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 275.030 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2291544

Ion Ratio Lower Upper

43 100

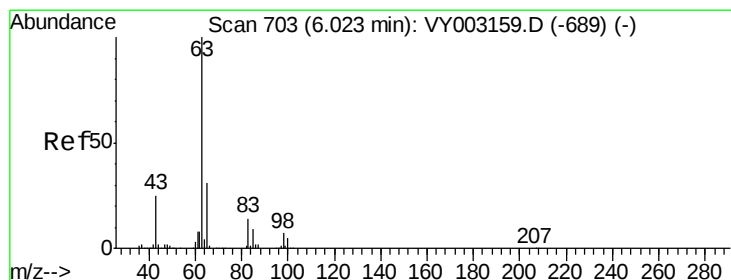
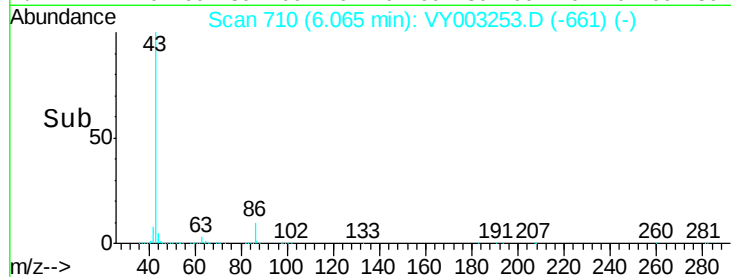
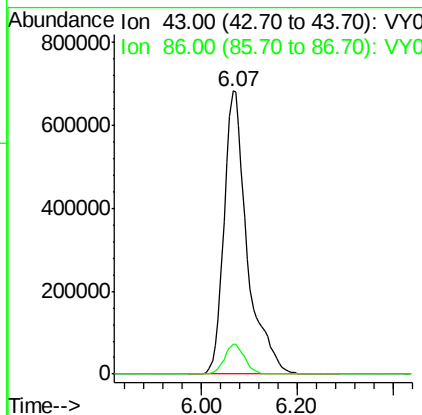
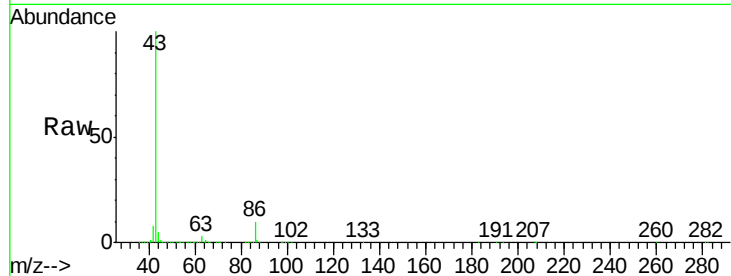
86 10.4 8.8 13.2

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#24

1,1-Dichloroethane

Concen: 52.447 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

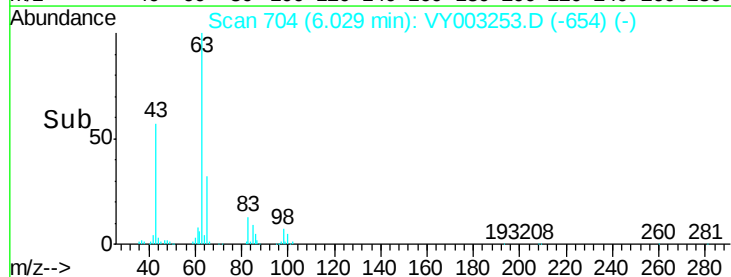
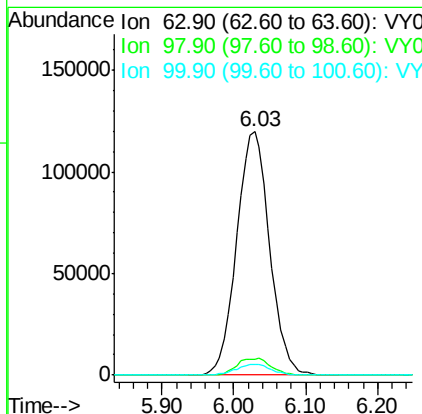
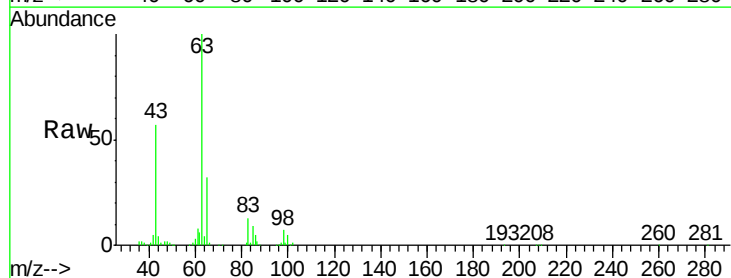
Tgt Ion: 63 Resp: 379834

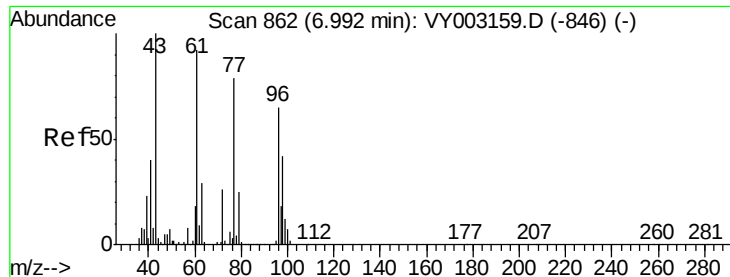
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 277.368 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 391665

Ion Ratio Lower Upper

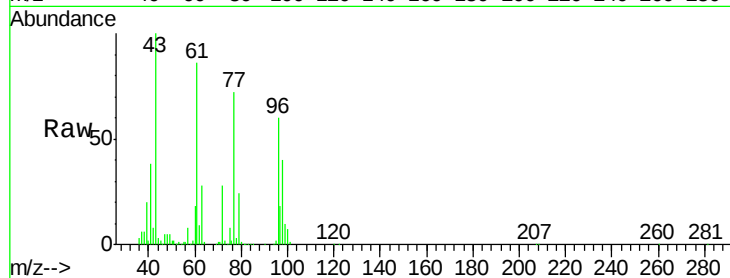
43 100

72 27.5 20.9 31.3

Manual Integrations
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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

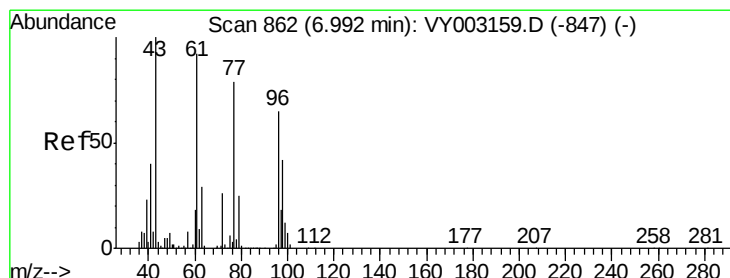
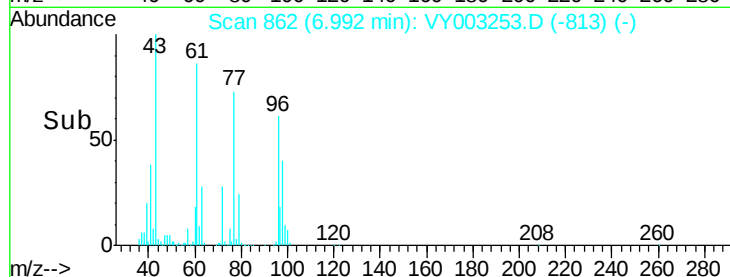
6.99

6.90

7.00

7.10

Time-->



#26

2,2-Dichloropropane

Concen: 50.156 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003253.D

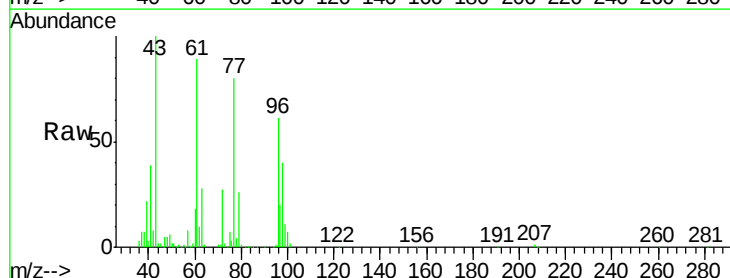
Acq: 21 Jul 2020 16:27

Tgt Ion: 77 Resp: 327127

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

120000

100000

80000

60000

40000

20000

0

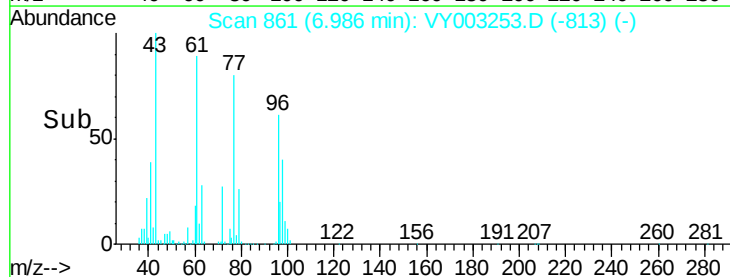
6.99

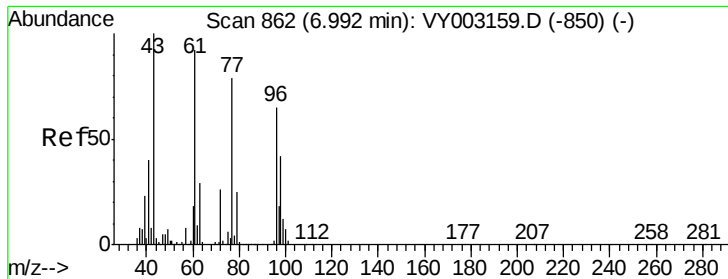
6.90

7.00

7.10

Time-->





#27

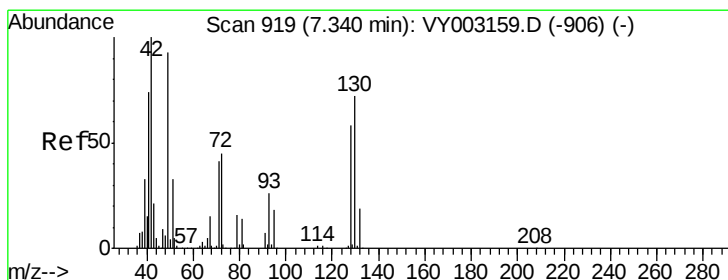
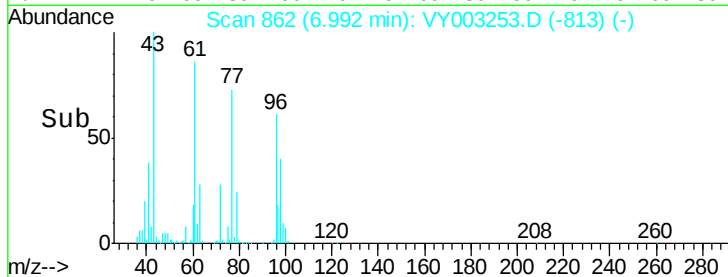
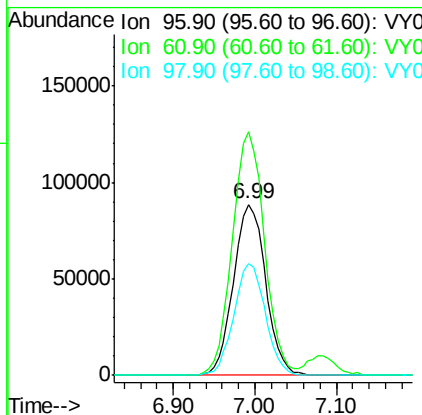
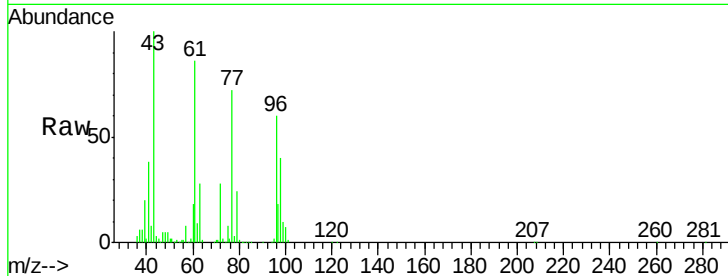
cis-1,2-Dichloroethene
 Concen: 51.420 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	281.2
98	63.7	0.0	129.8

Manual Integrations
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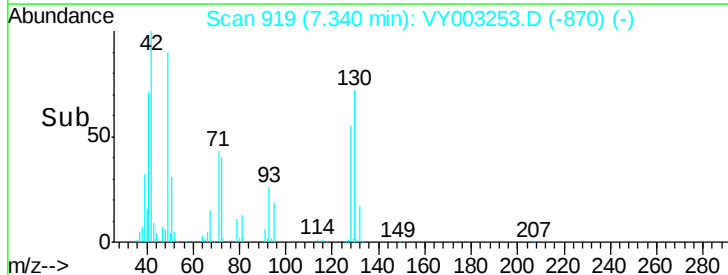
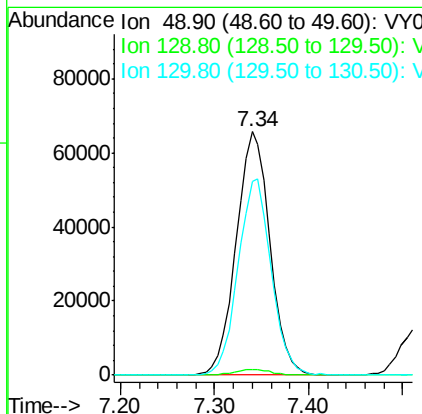
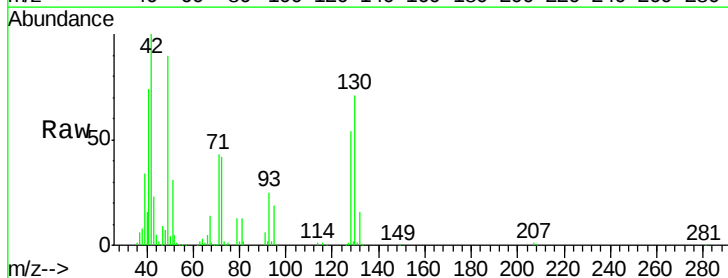
MMDadoda
 7/22/2020 2:43:20 PM

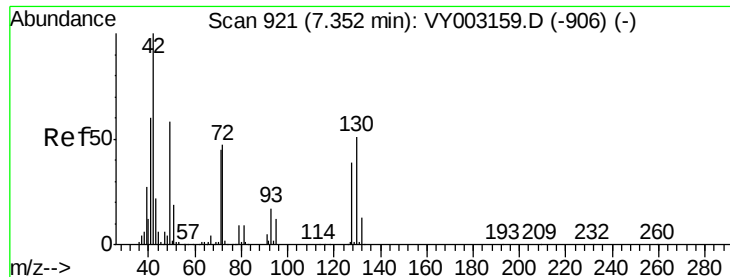


#28

Bromochloromethane
 Concen: 52.403 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	79.4	64.9	97.3





#29

Tetrahydrofuran

Concen: 279.333 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

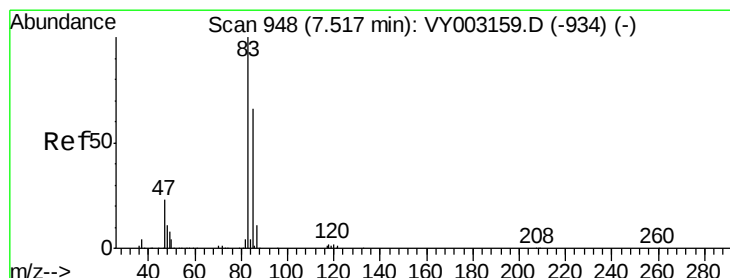
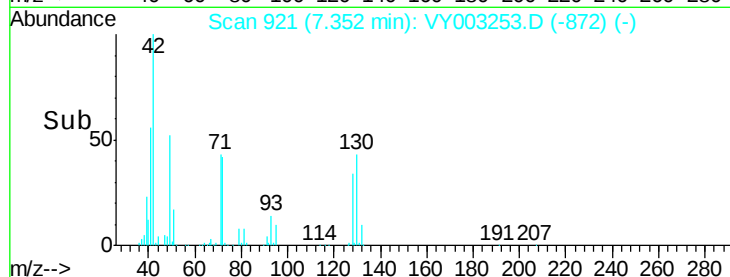
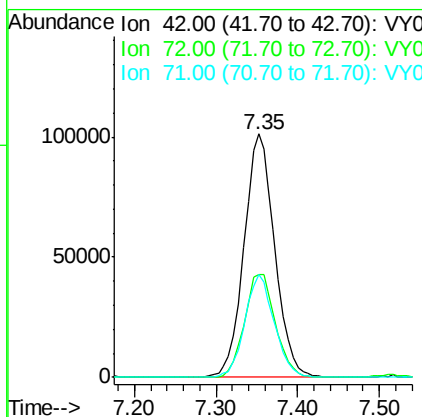
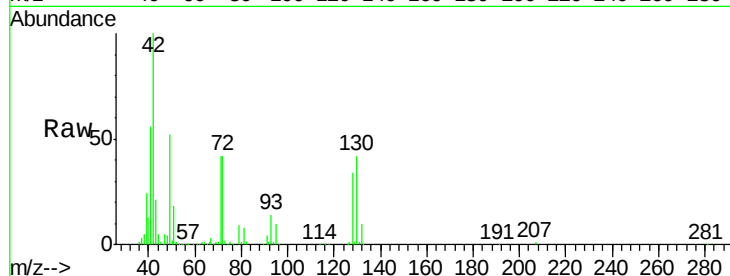
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	264978
Ion	Ratio	Lower	Upper
42	100		
72	42.8	36.7	55.1
71	40.6	34.2	51.4

Manual Integrations
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#30

Chloroform

Concen: 52.077 ug/l

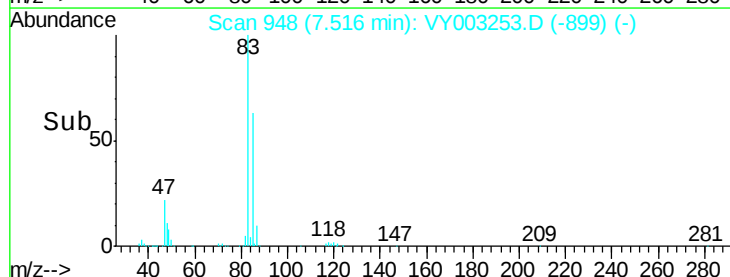
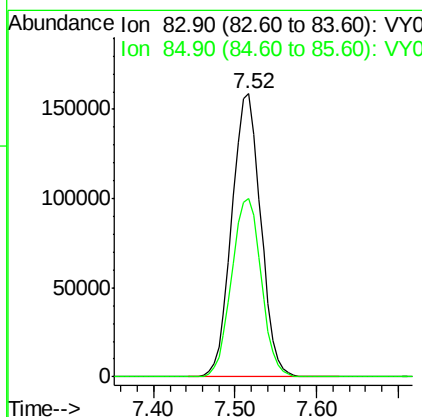
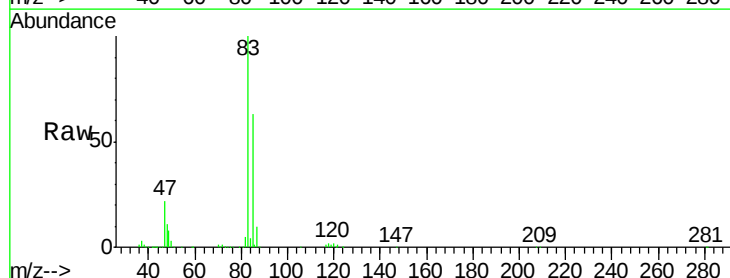
RT: 7.52 min Scan# 948

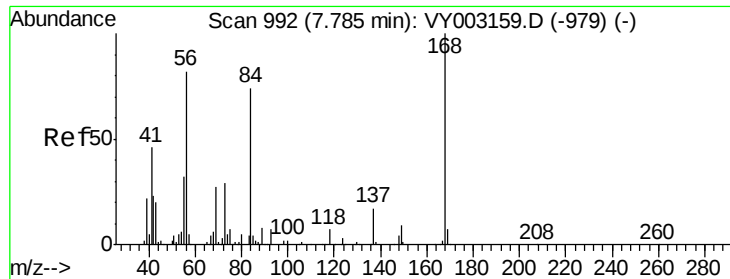
Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Tgt Ion:	83	Resp:	388445
Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.6	78.8





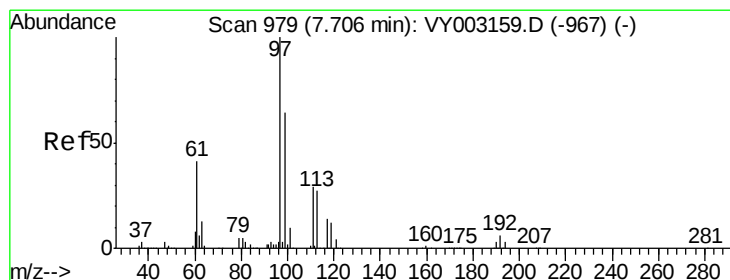
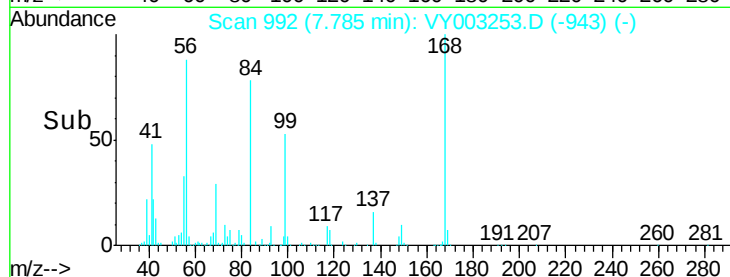
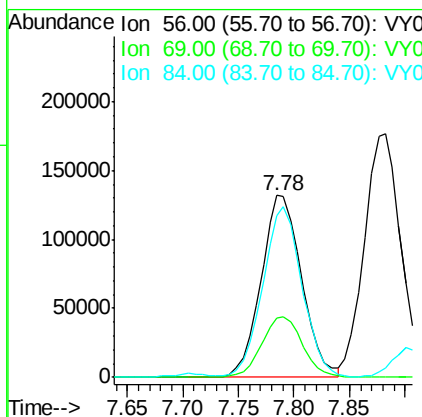
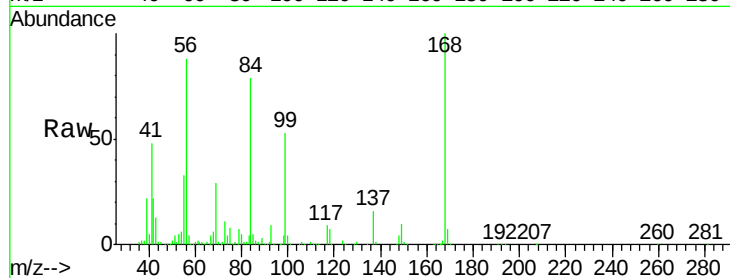
#31
Cyclohexane
Concen: 47.834 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	26.7	40.1
84	87.3	72.3	108.5

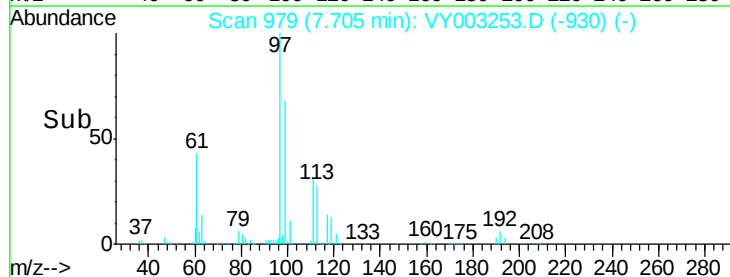
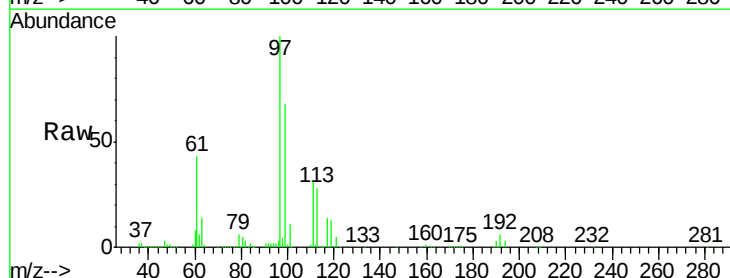
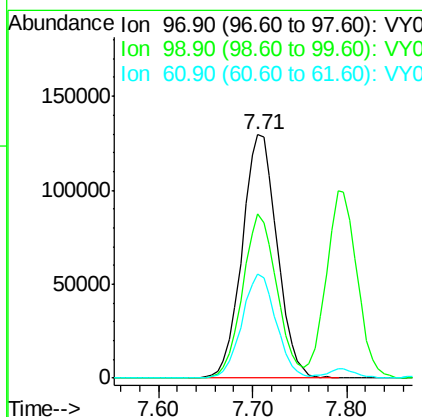
Manual Integrations
APPROVED

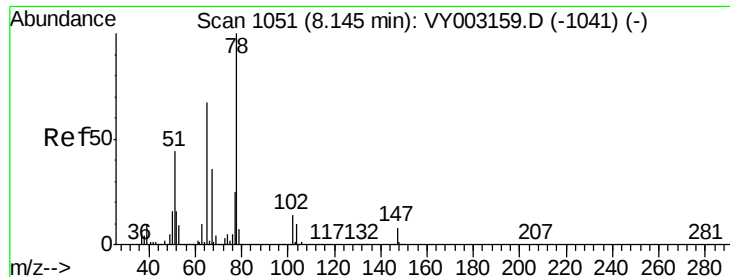
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 50.174 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	52.1	78.1
61	41.7	33.9	50.9





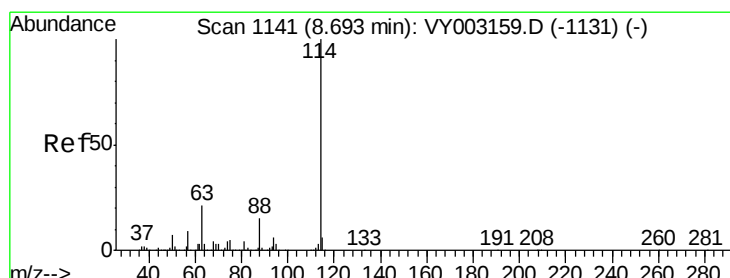
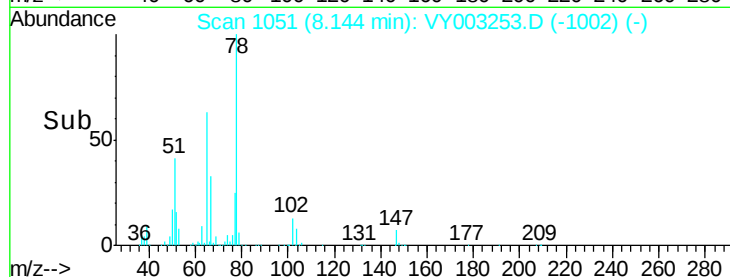
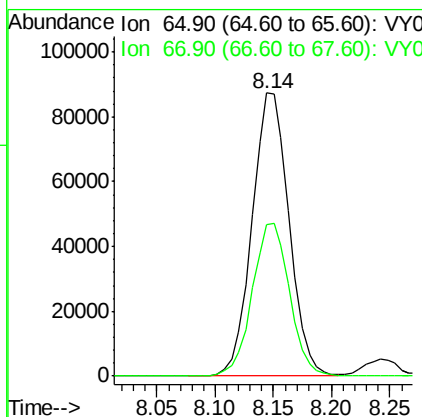
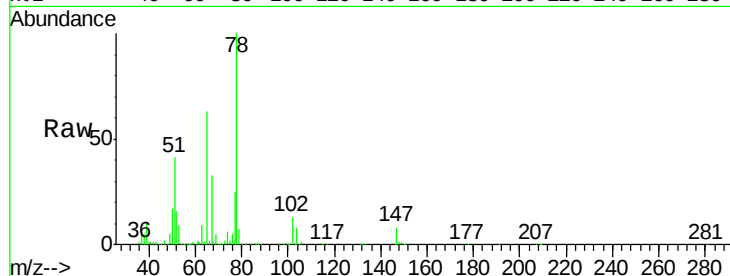
#33
 1,2-Dichloroethane-d4
 Concen: 50.255 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	193491		
67	54.4	0.0	105.2	

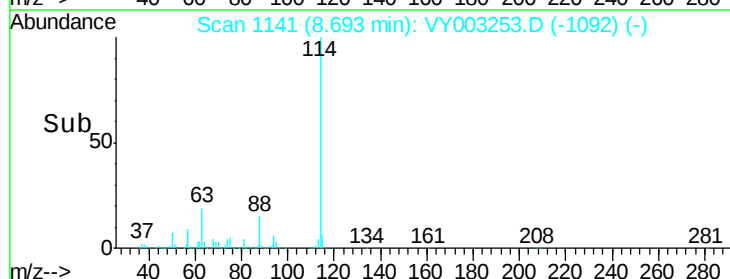
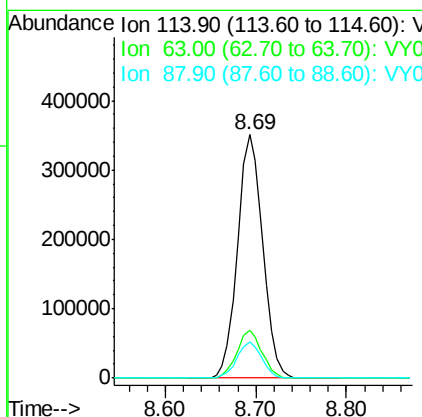
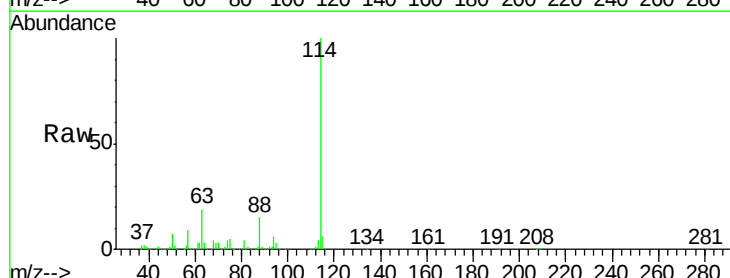
Manual Integrations
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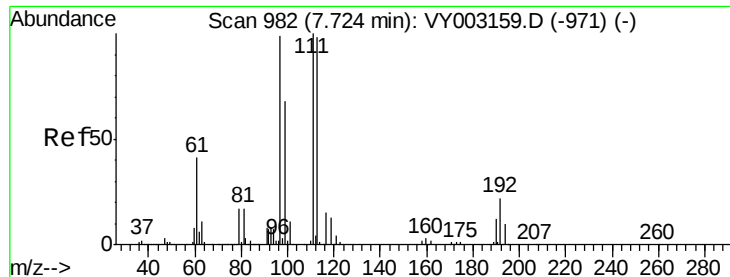
MMDadoda
 7/22/2020 2:43:20 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	673275		
63	19.5	0.0	41.2	
88	15.0	0.0	30.2	





#35

Dibromofluoromethane

Concen: 48.286 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

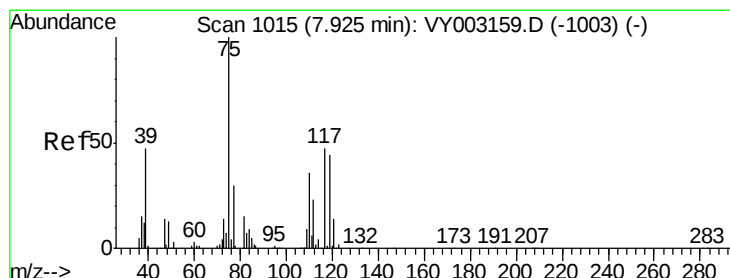
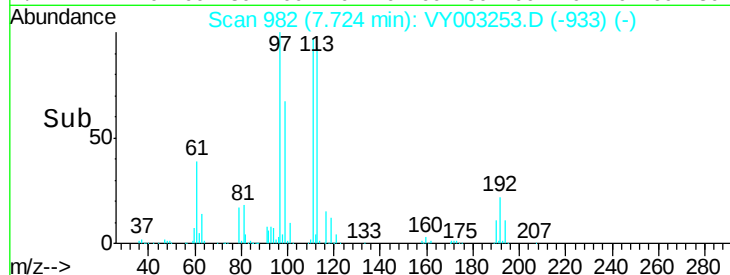
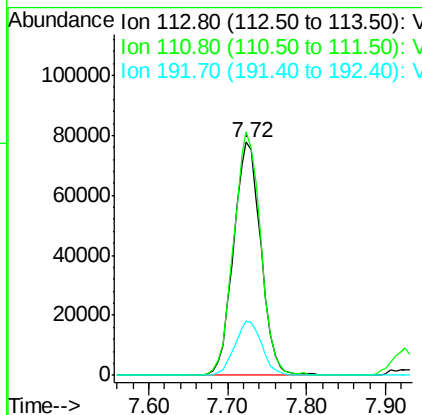
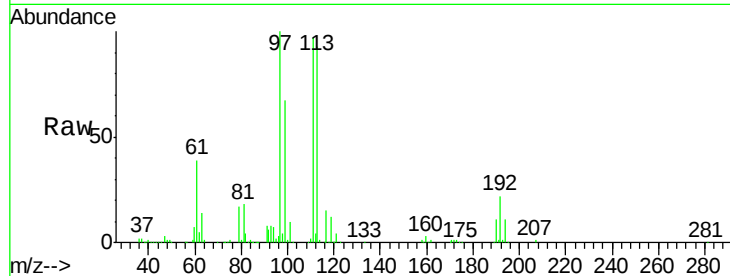
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	187085
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.1	123.1
192	23.0	18.8	28.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.392 ug/l

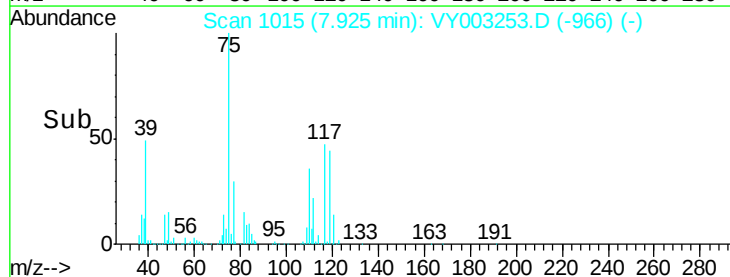
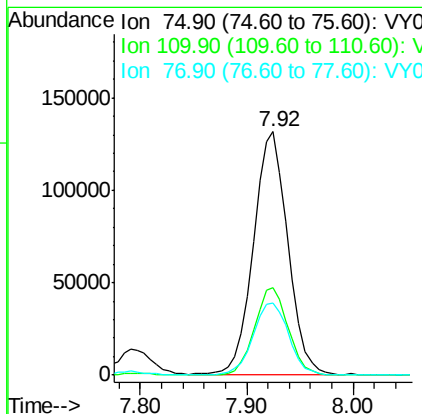
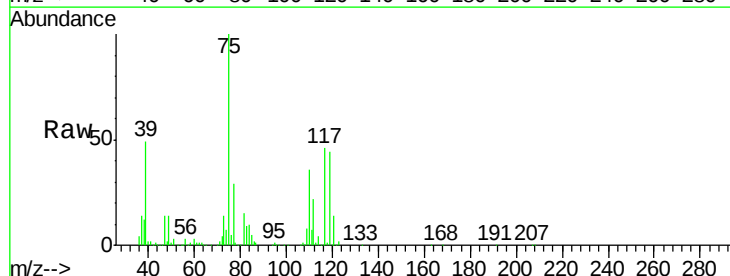
RT: 7.92 min Scan# 1015

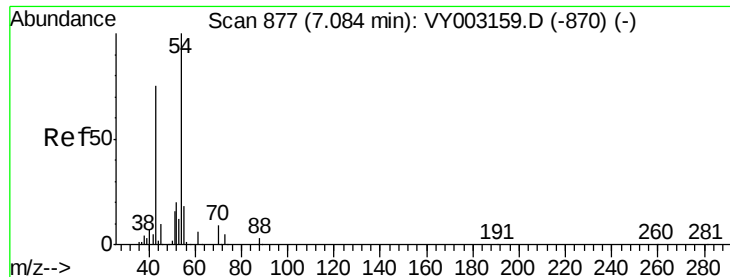
Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Tgt Ion:	75	Resp:	295290
Ion Ratio	Lower	Upper	
75	100		
110	35.5	18.1	54.1
77	31.1	24.8	37.2





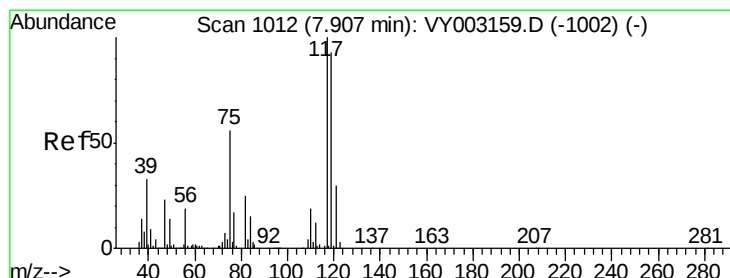
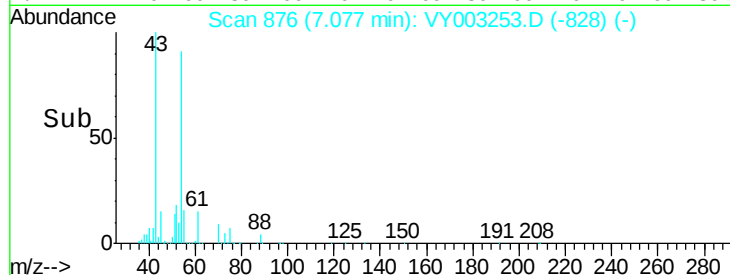
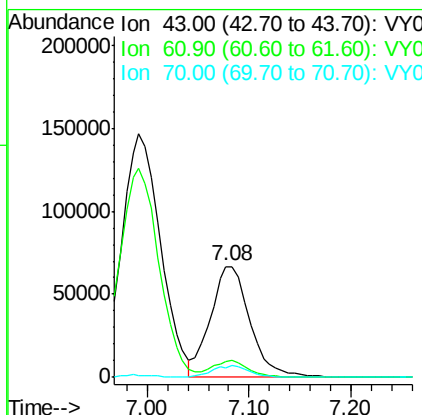
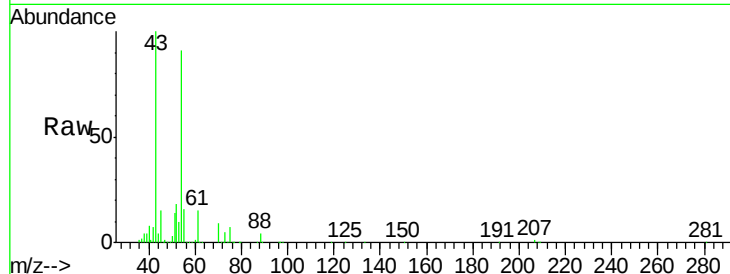
#37
Ethyl Acetate
Concen: 54.523 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.8	17.6
70	9.8	8.6	13.0

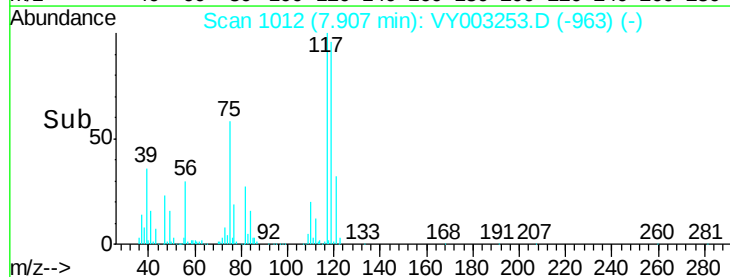
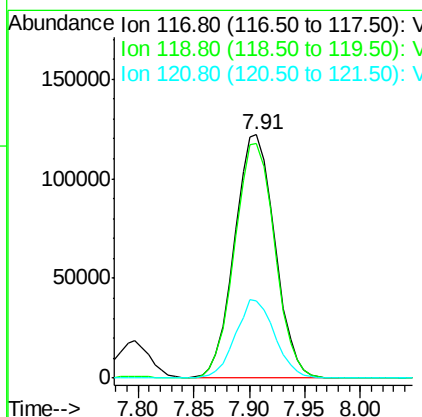
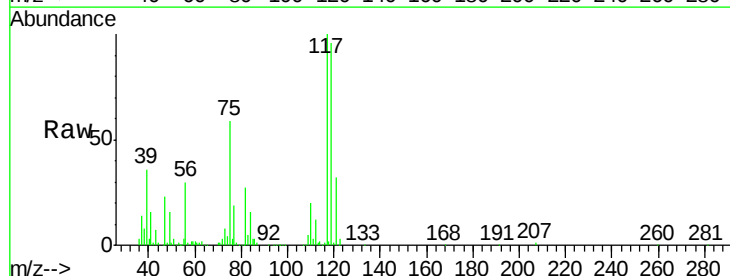
Manual Integrations
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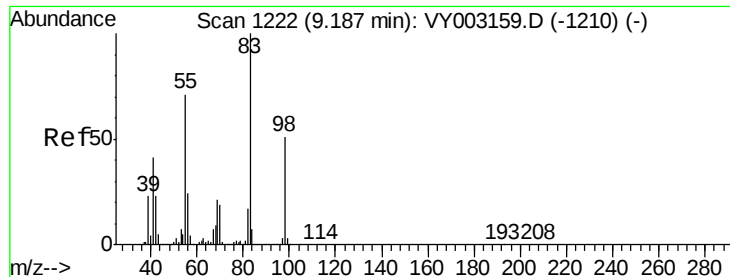
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#38
Carbon Tetrachloride
Concen: 48.807 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	74.5	111.7
121	31.7	24.2	36.2





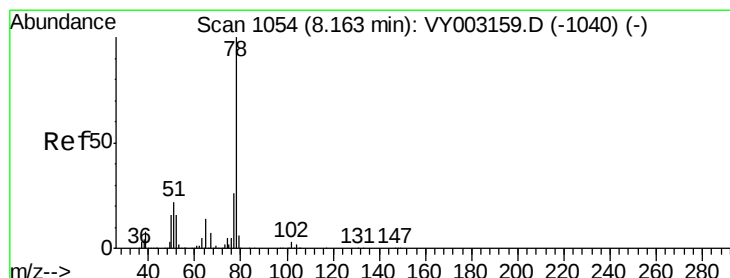
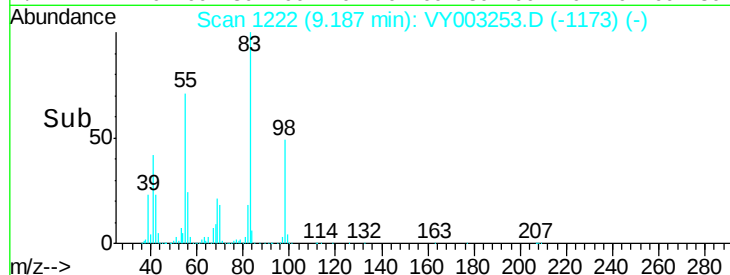
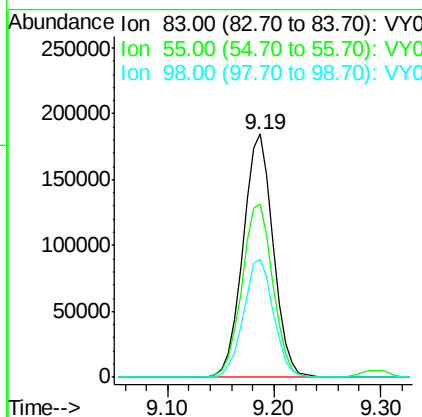
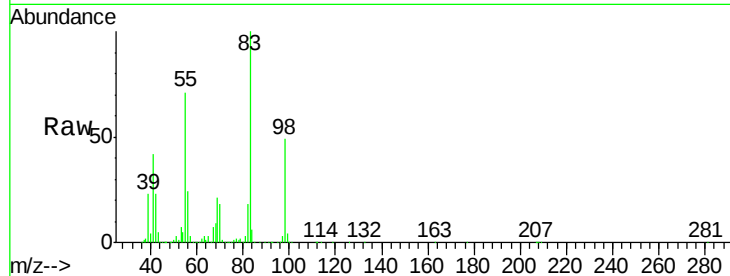
#39
Methvlcvclohexane
Concen: 48.014 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.1	57.2	85.8
98	48.8	41.0	61.6

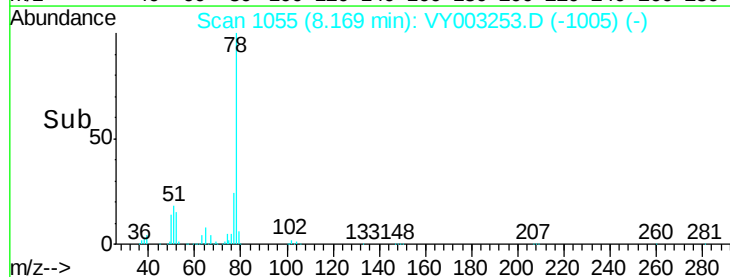
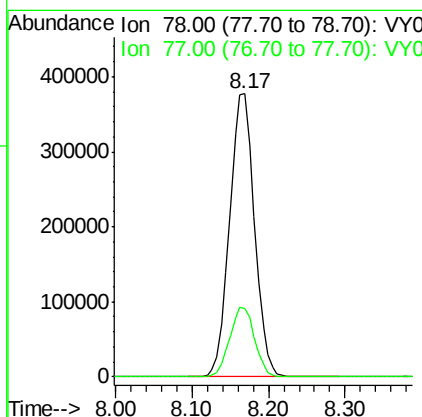
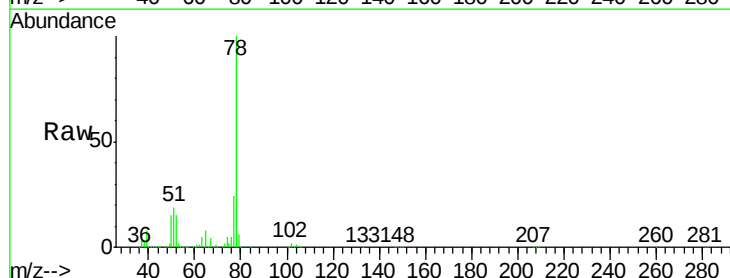
Manual Integrations
APPROVED

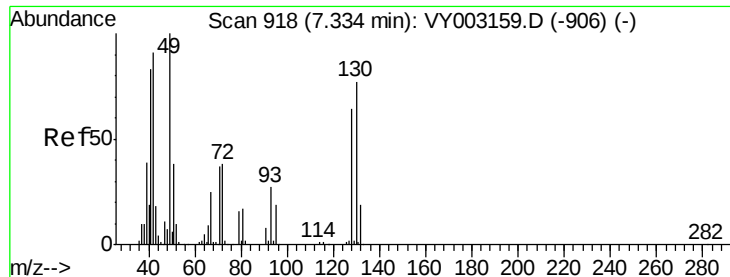
MMDadoda
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#40
Benzene
Concen: 50.551 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	20.7	31.1





#41

Methacrylonitrile

Concen: 47.304 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.01 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 93623

Ion Ratio Lower Upper

41 100

39 0.0 83.3 124.9#

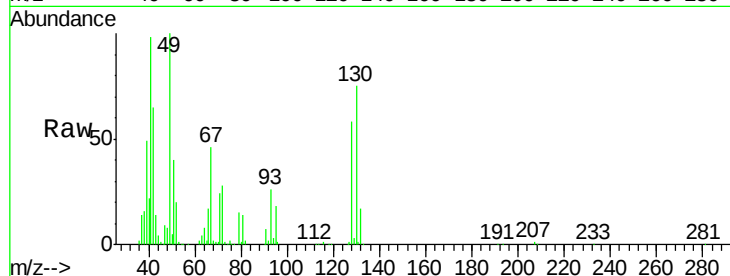
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
APPROVED

MMDadoda

7/22/2020 2:43:20 PM

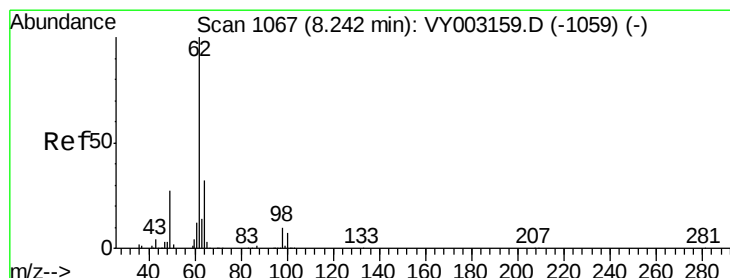
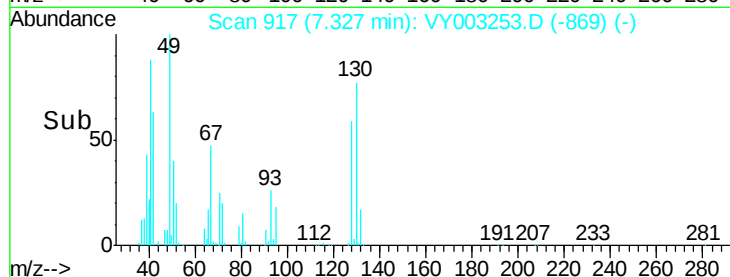
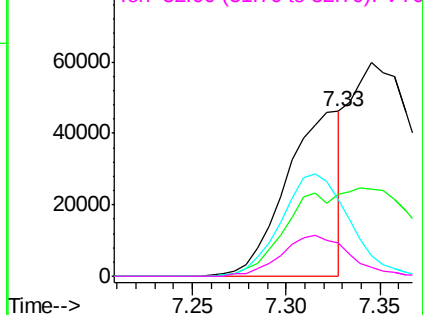


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 50.494 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY003253.D

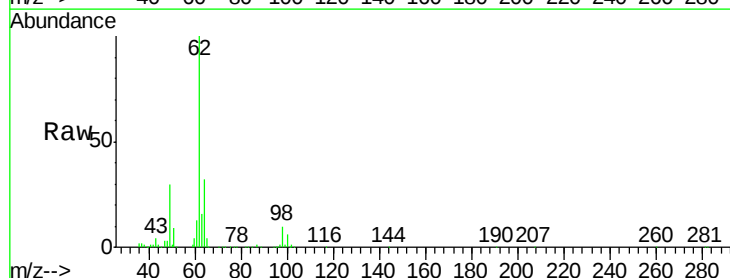
Acq: 21 Jul 2020 16:27

Tgt Ion: 62 Resp: 261188

Ion Ratio Lower Upper

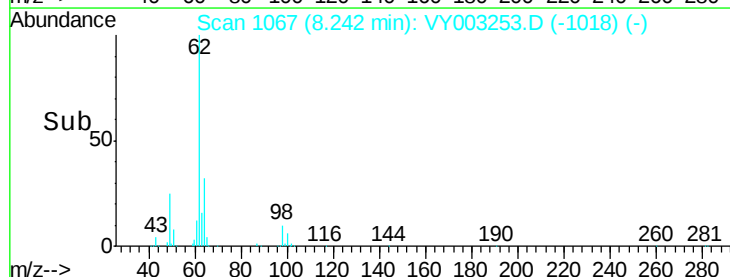
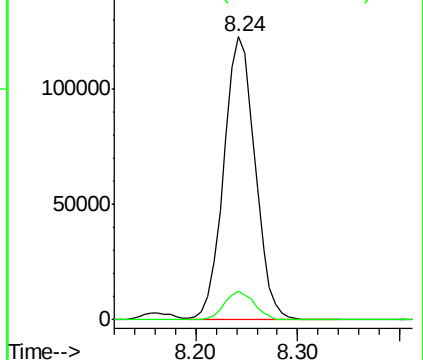
62 100

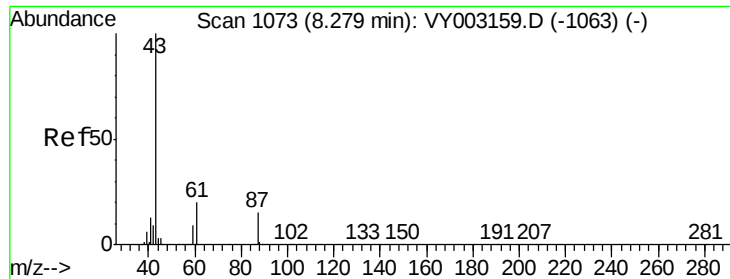
98 9.8 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 53.200 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

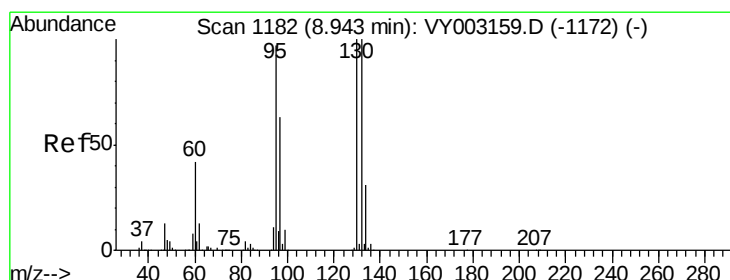
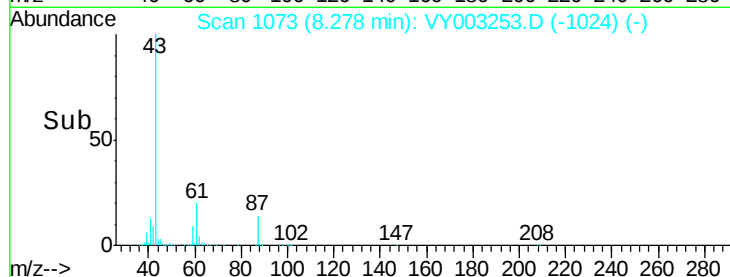
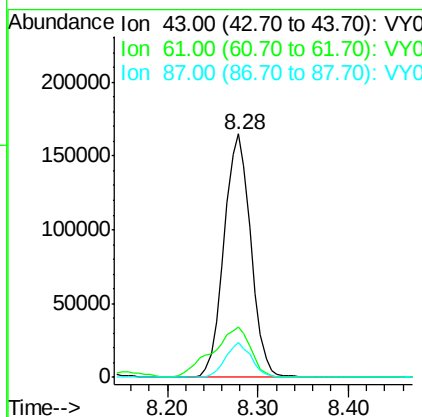
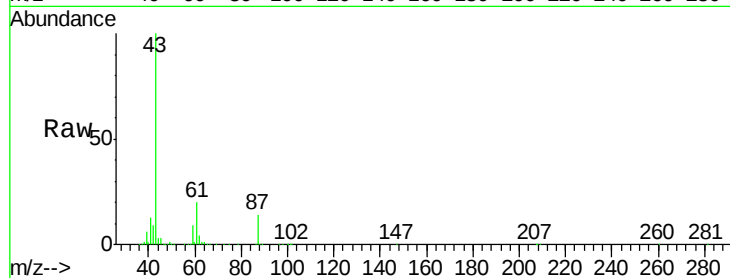
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	338397
Ion	Ratio	Lower	Upper
43	100		
61	29.5	23.7	35.5
87	14.0	11.4	17.0

Manual Integrations
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#44

Trichloroethene

Concen: 48.294 ug/l

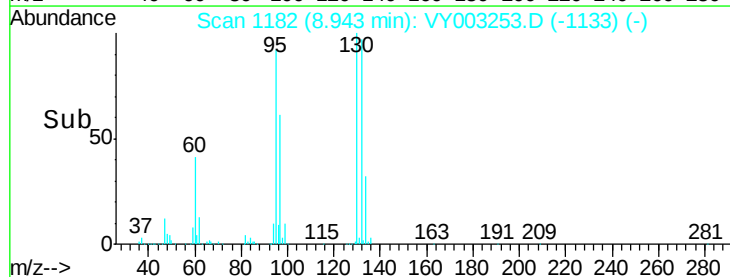
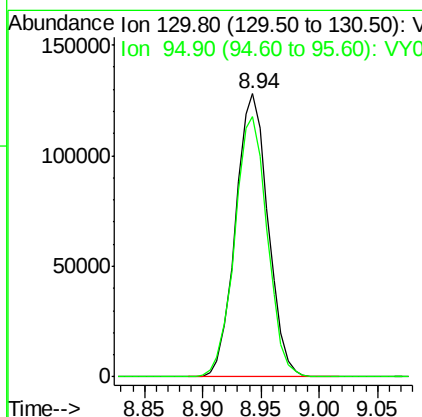
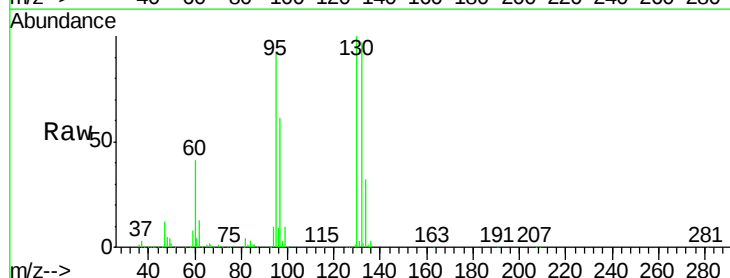
RT: 8.94 min Scan# 1182

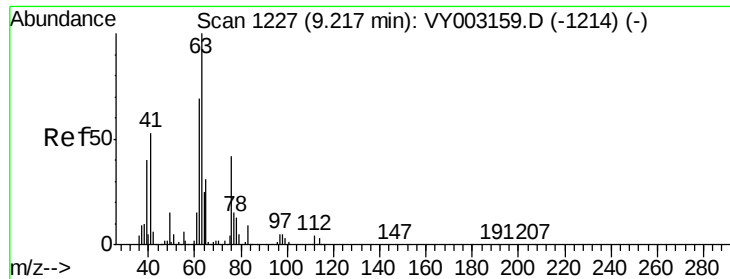
Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Tgt Ion:	130	Resp:	248749
Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	193.8





#45

1,2-Dichloropropane

Concen: 51.938 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 225803

Ion Ratio Lower Upper

63 100

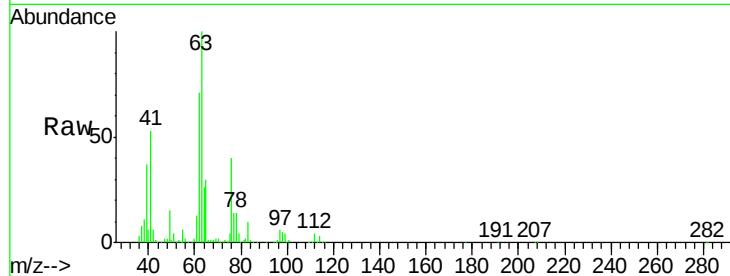
65 30.3 25.0 37.4

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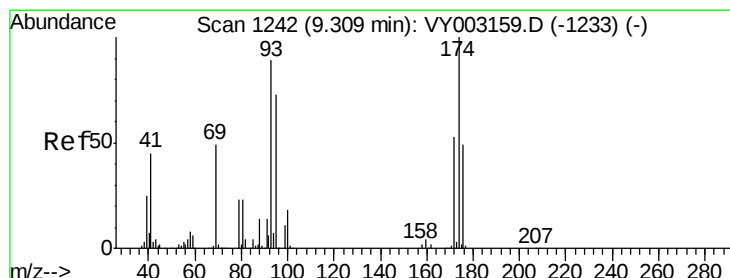
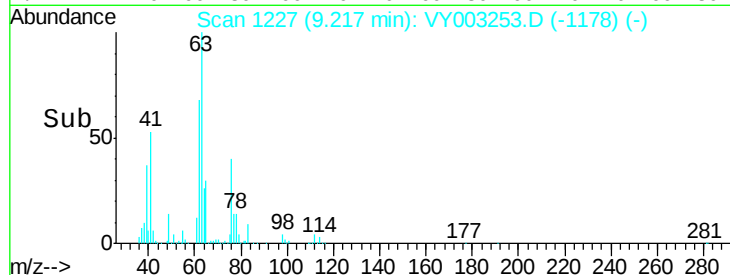
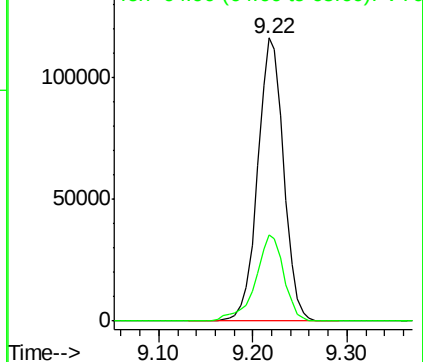
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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 51.221 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

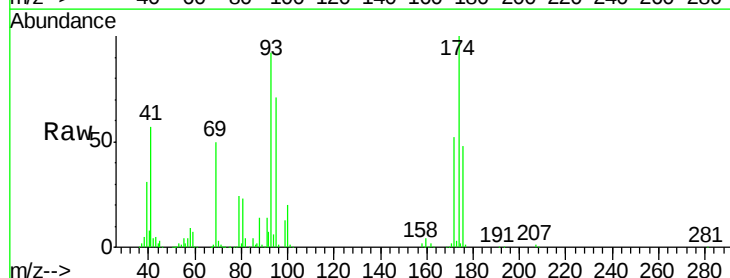
Tgt Ion: 93 Resp: 130064

Ion Ratio Lower Upper

93 100

95 81.3 66.6 99.8

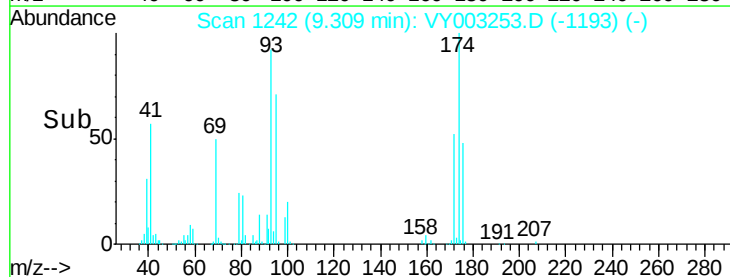
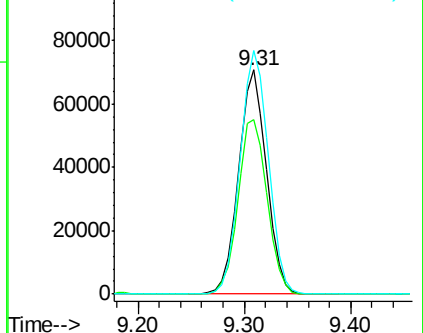
174 110.4 90.2 135.4

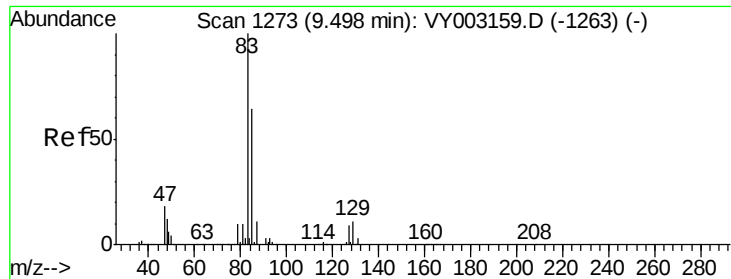


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.570 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

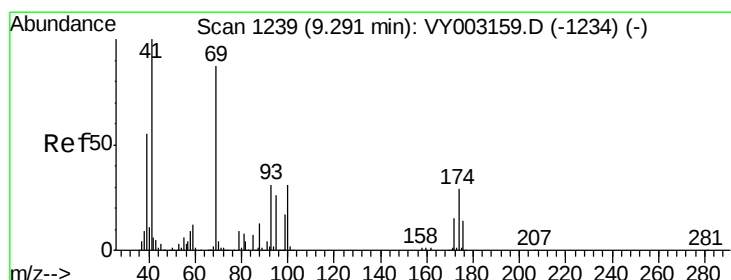
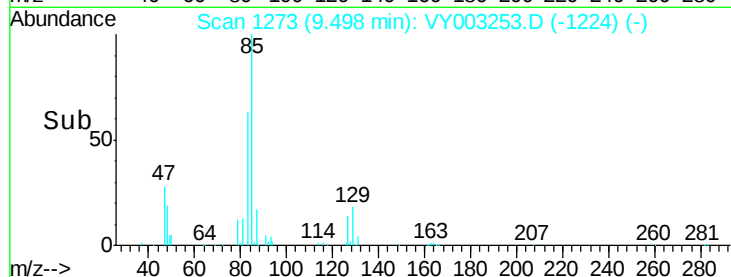
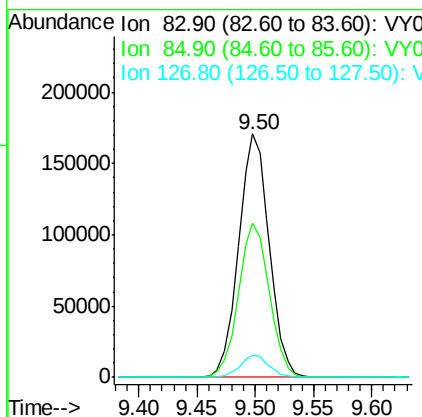
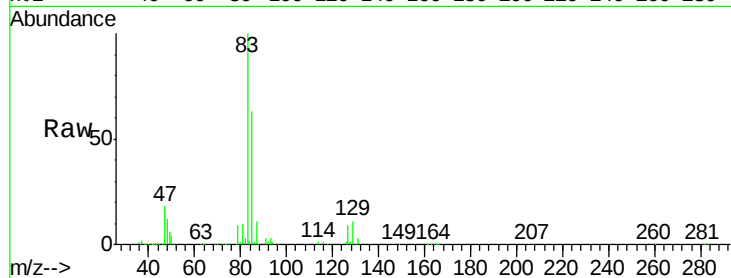
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	311444
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.9	76.3
127	9.1	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.292 ug/l

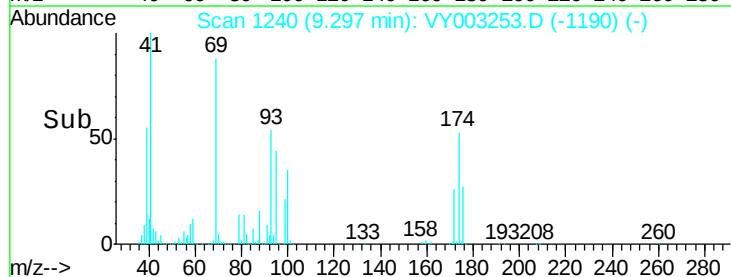
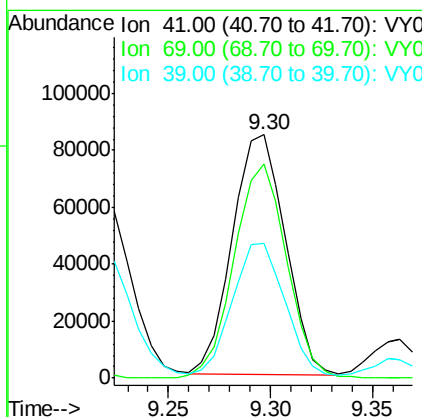
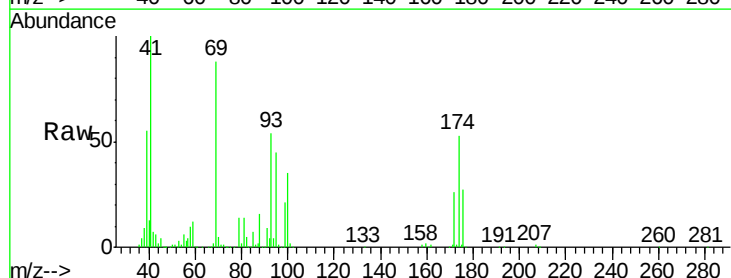
RT: 9.30 min Scan# 1240

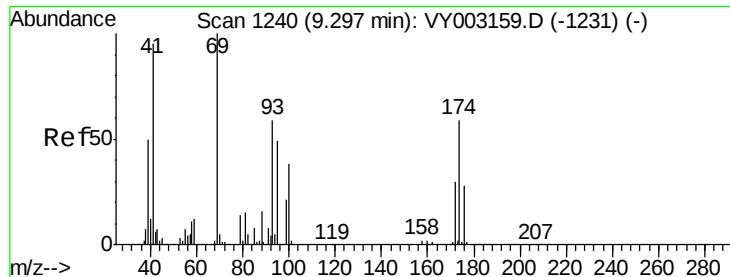
Delta R.T. 0.01 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Tgt Ion:	41	Resp:	151544
Ion	Ratio	Lower	Upper
41	100		
69	89.0	74.5	111.7
39	56.8	47.5	71.3





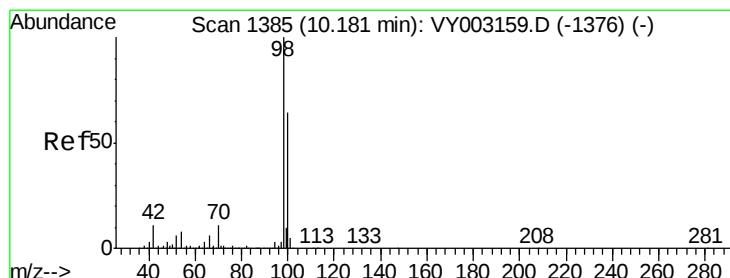
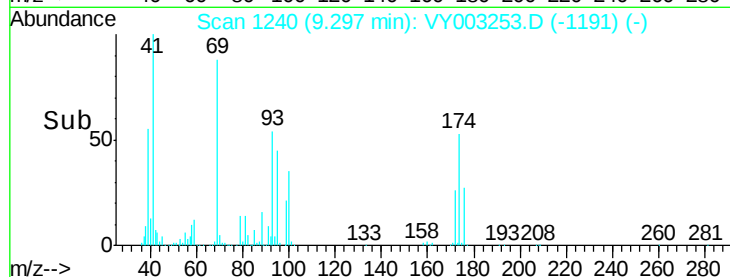
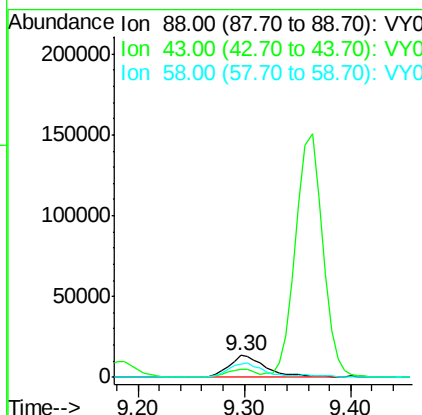
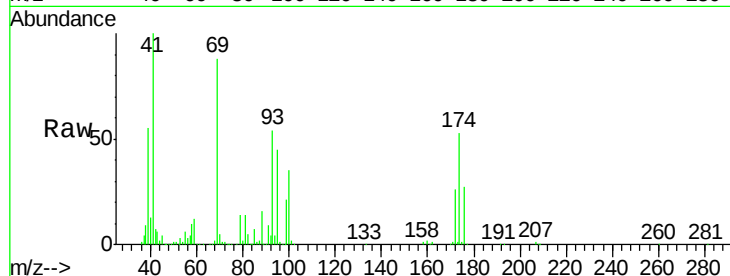
#49
1,4-Dioxane
Concen: 1038.490 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	33468
Ion Ratio	Lower	Upper	
88	100		
43	27.7	25.6	38.4
58	69.6	47.8	71.6

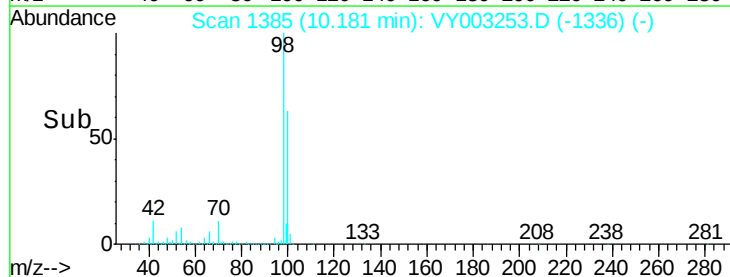
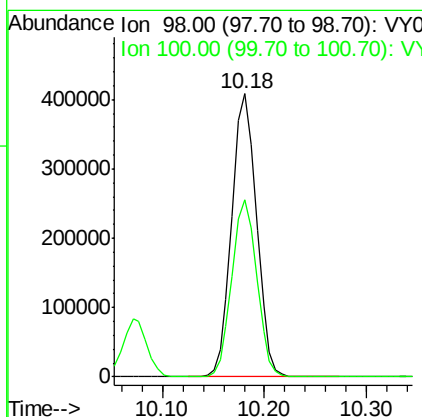
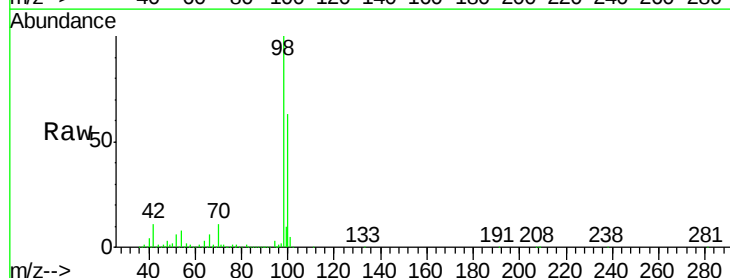
Manual Integrations
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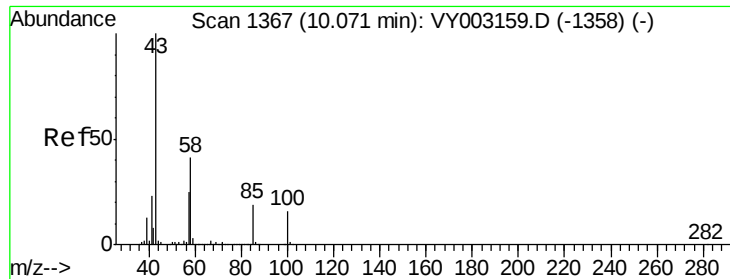
MMDadoda
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#50
Toluene-d8
Concen: 47.623 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion	98	Resp	686005
Ion Ratio	Lower	Upper	
98	100		
100	63.1	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 270.551 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 894482

Ion Ratio Lower Upper

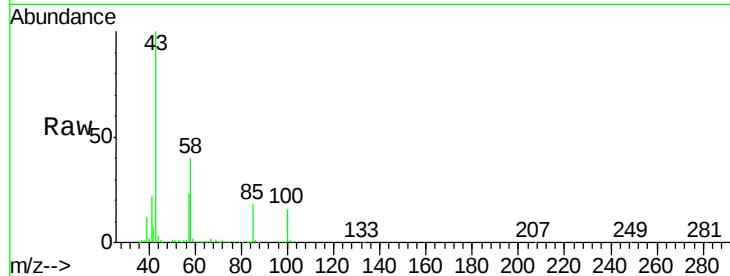
43 100

58 40.6 32.7 49.1

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

600000

500000

400000

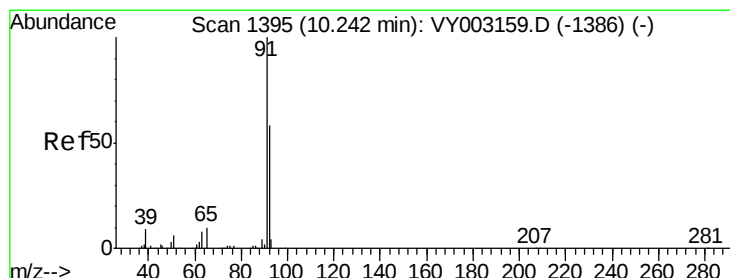
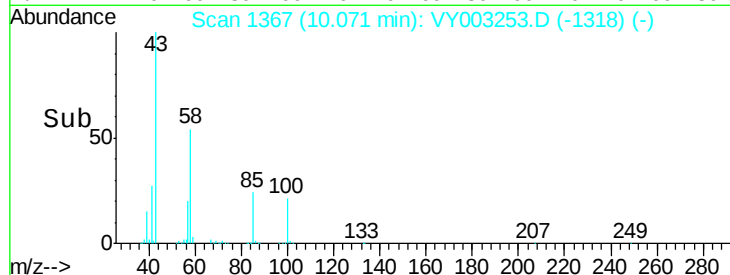
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.583 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003253.D

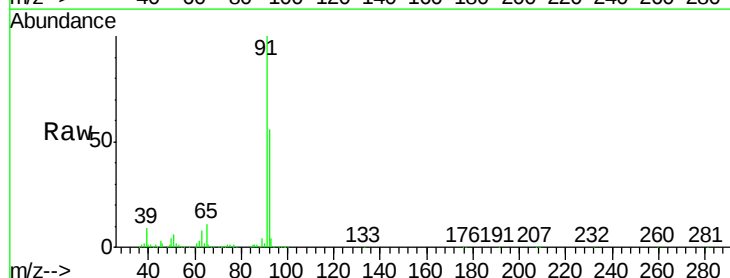
Acq: 21 Jul 2020 16:27

Tgt Ion: 92 Resp: 532490

Ion Ratio Lower Upper

92 100

91 177.0 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.24

600000

500000

400000

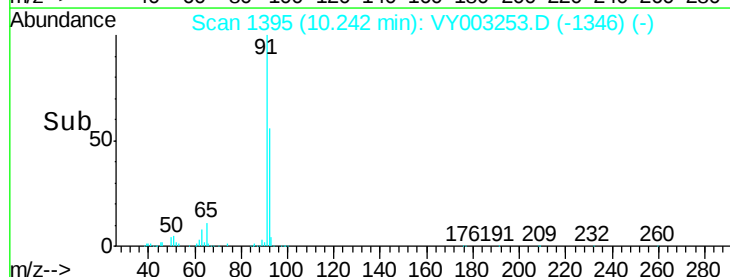
300000

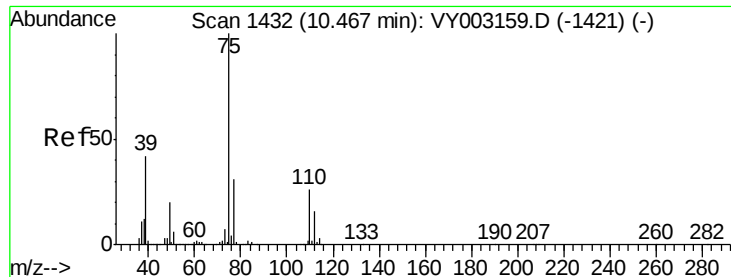
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.031 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 325566

Ion Ratio Lower Upper

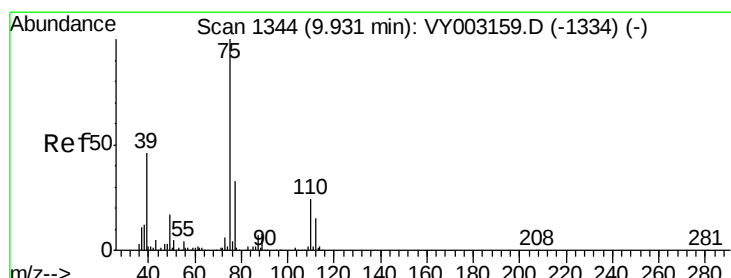
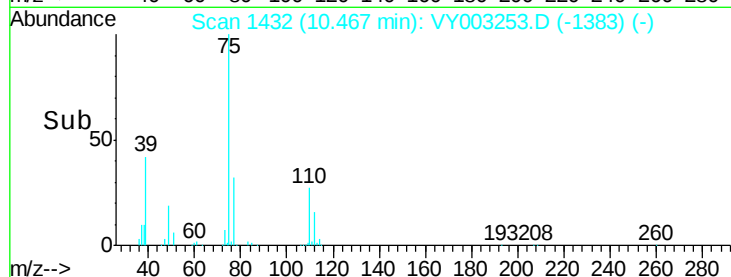
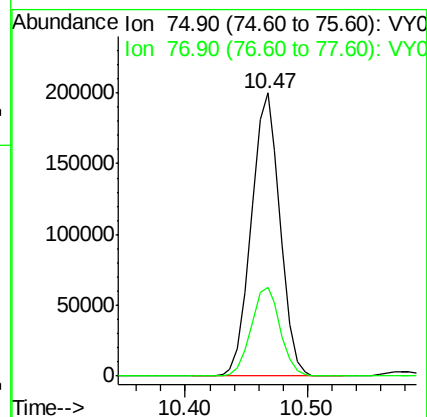
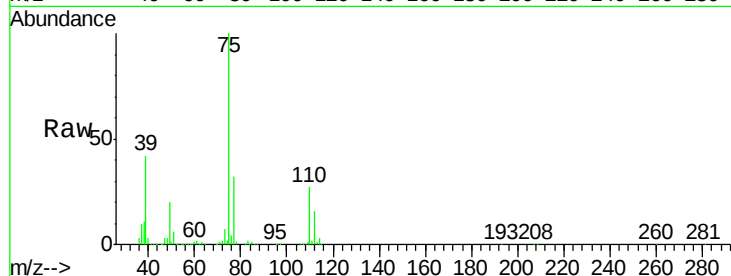
75 100

77 31.6 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 51.862 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

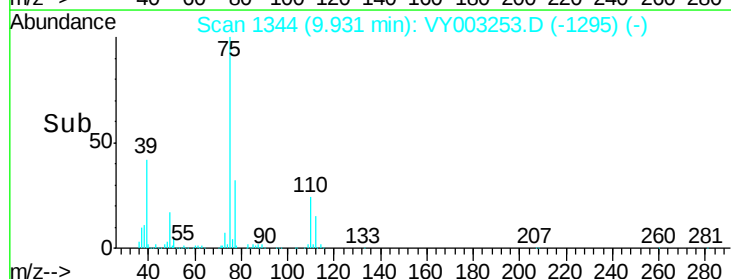
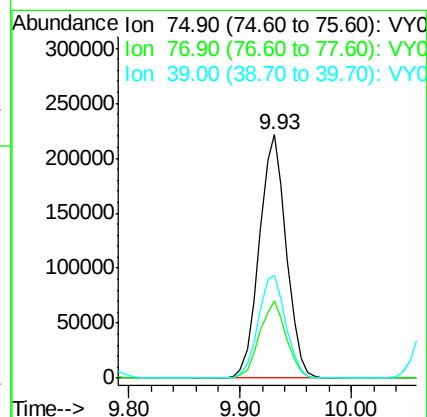
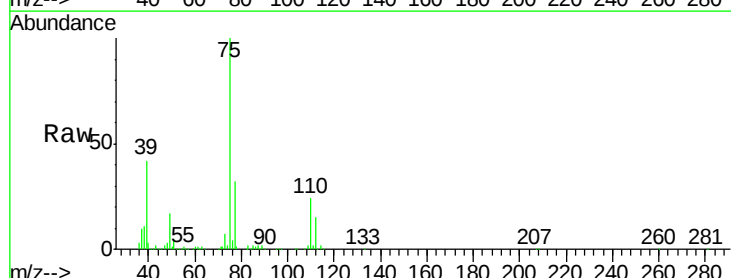
Tgt Ion: 75 Resp: 373896

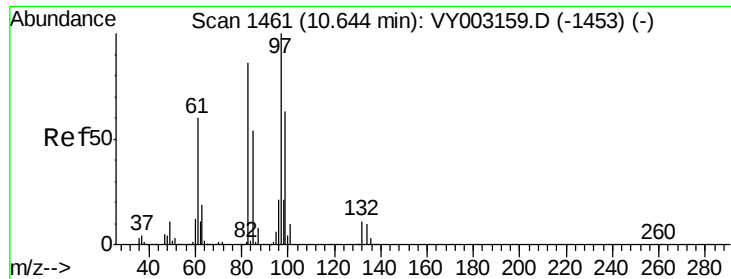
Ion Ratio Lower Upper

75 100

77 31.7 26.7 40.1

39 42.4 37.0 55.6





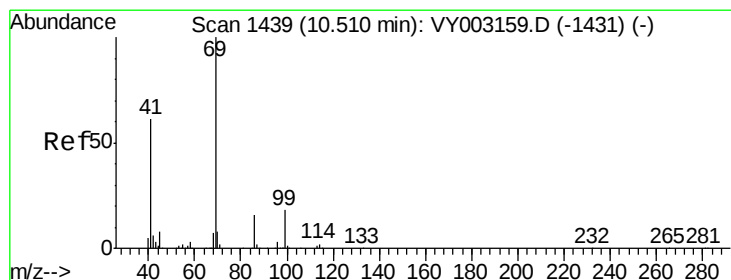
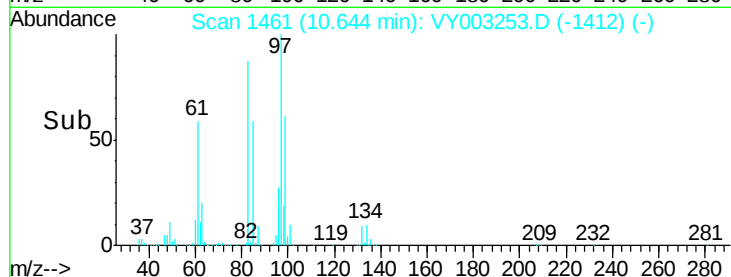
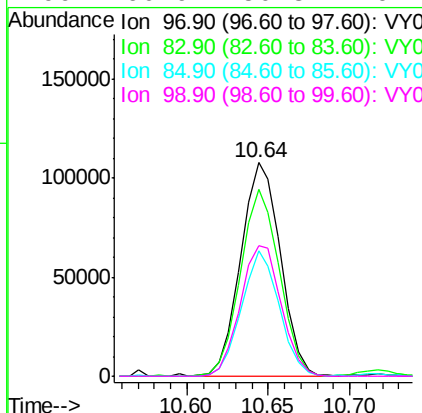
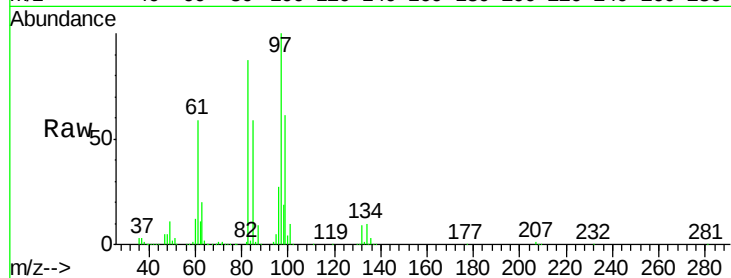
#55
 1,1,2-Trichloroethane
 Concen: 50.722 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	182508
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.8	103.2
85	58.8	43.1	64.7
99	60.9	50.8	76.2

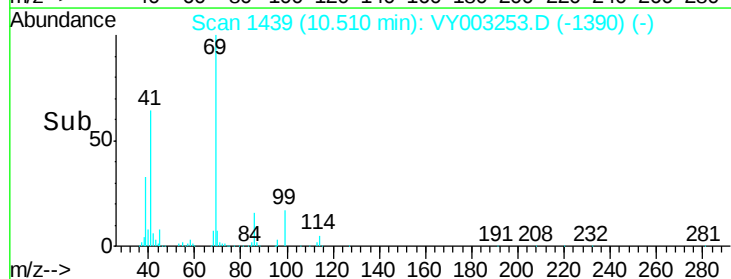
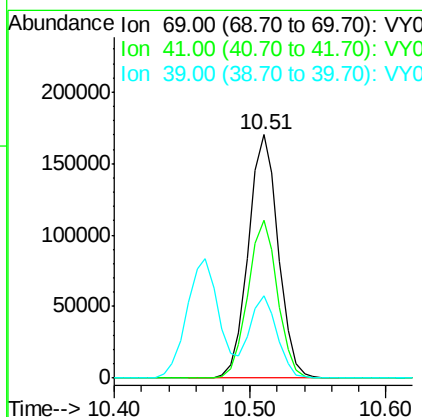
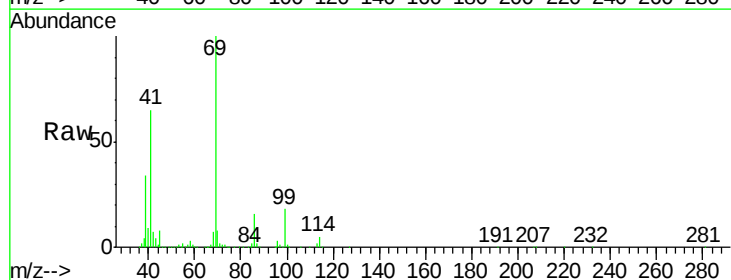
Manual Integrations
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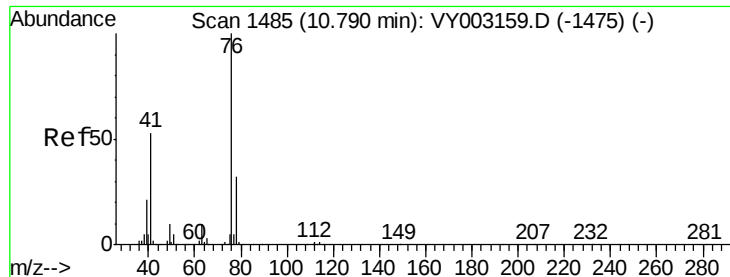
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#56
 Ethyl methacrylate
 Concen: 53.647 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion:	69	Resp:	262440
Ion	Ratio	Lower	Upper
69	100		
41	64.0	50.0	75.0
39	30.4	27.6	41.4





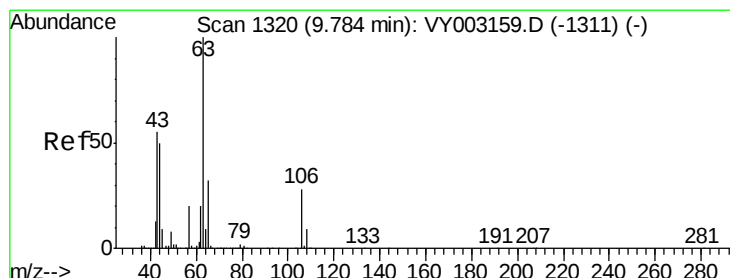
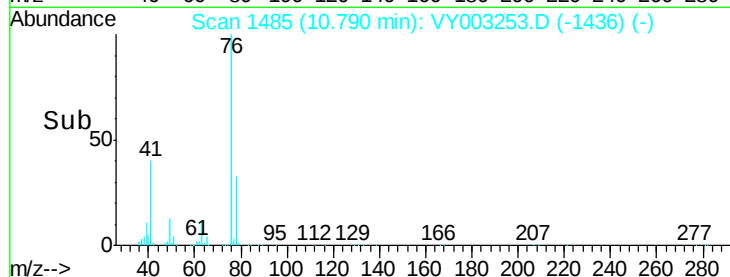
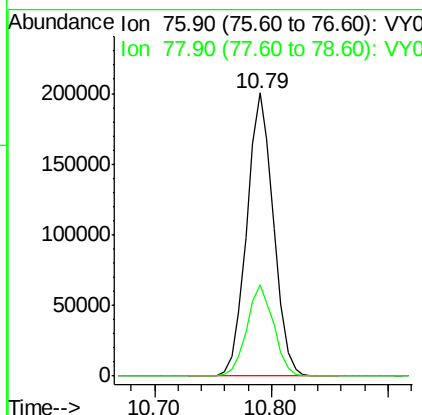
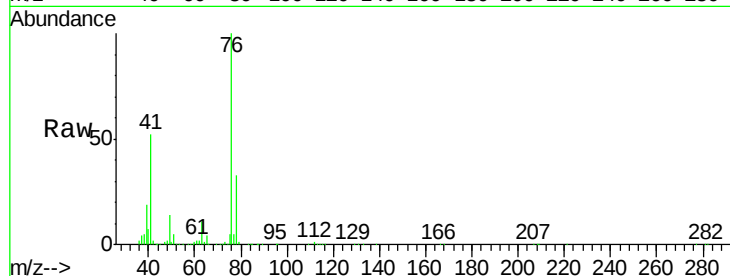
#57
 1,3-Dichloropropane
 Concen: 52.275 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.0	39.0

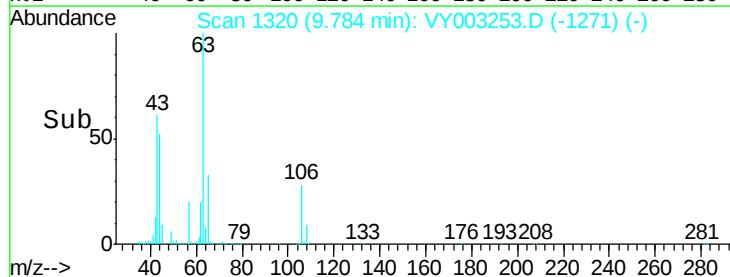
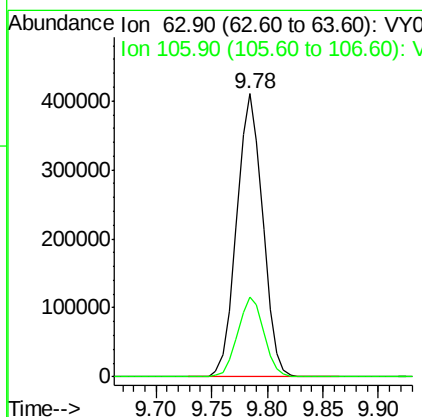
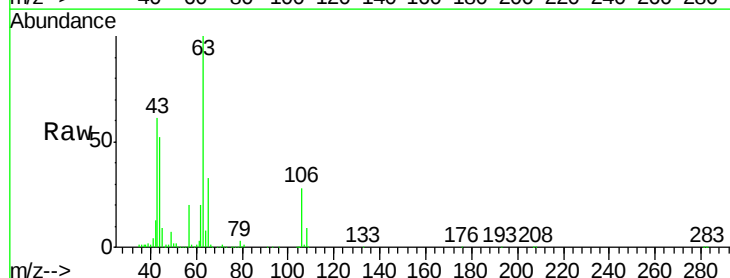
Manual Integrations
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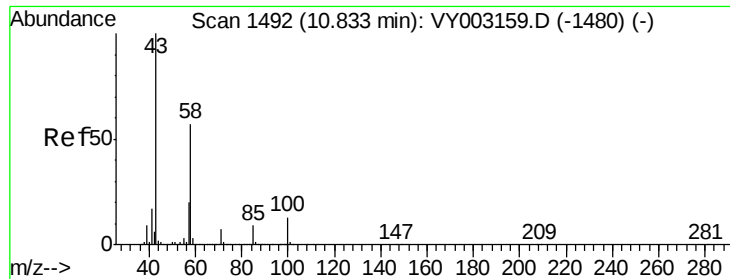
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 266.436 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.2	22.9	34.3





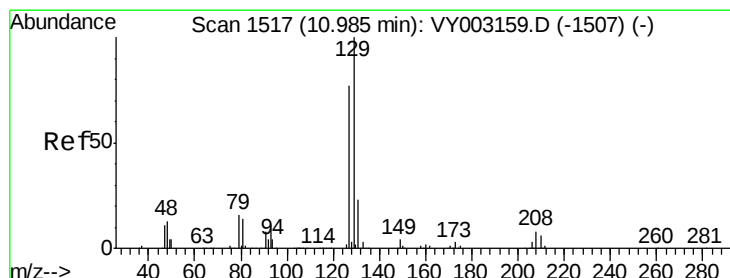
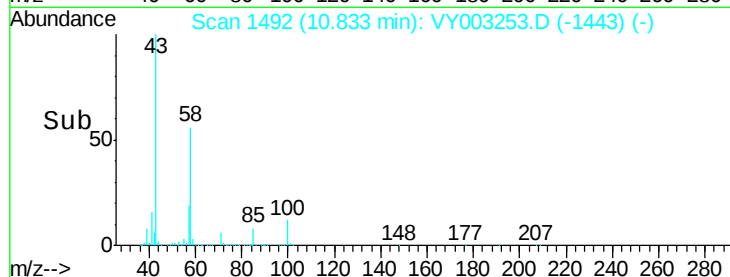
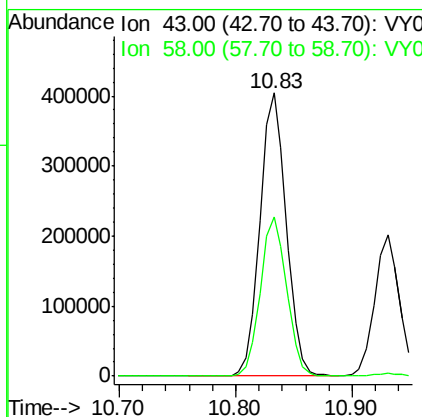
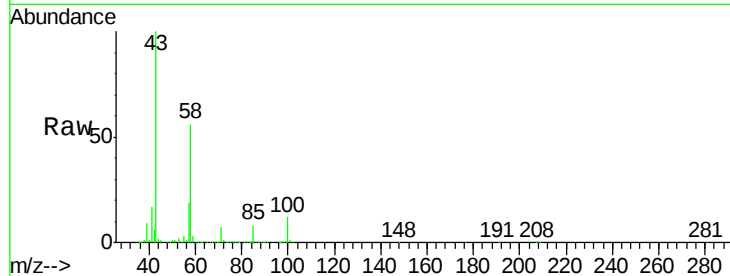
#59
2-Hexanone
Concen: 273.642 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 631549
Ion Ratio Lower Upper
43 100
58 56.3 28.3 85.0

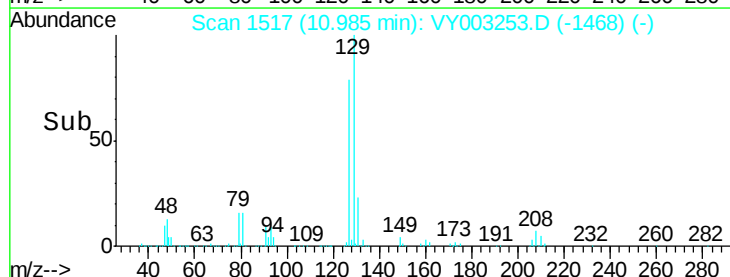
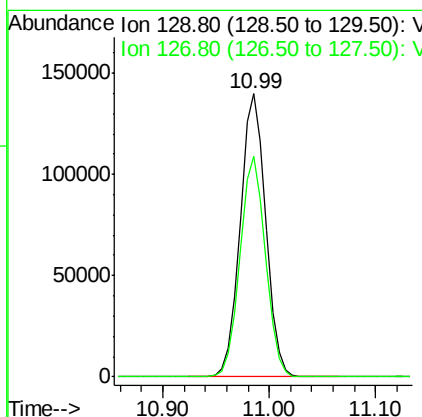
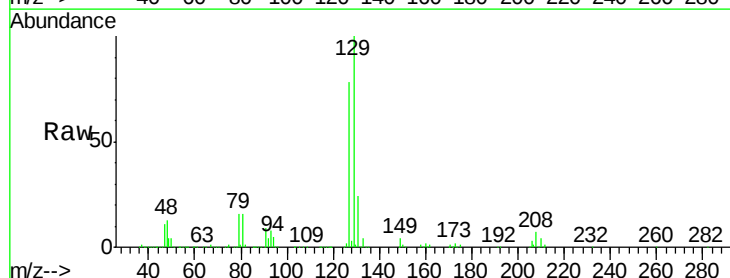
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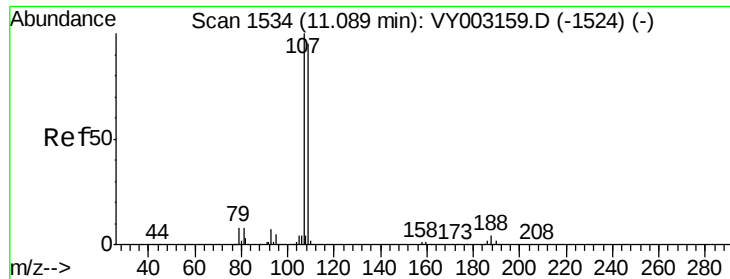
MMDadoda
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#60
Dibromochloromethane
Concen: 51.842 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 129 Resp: 234620
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





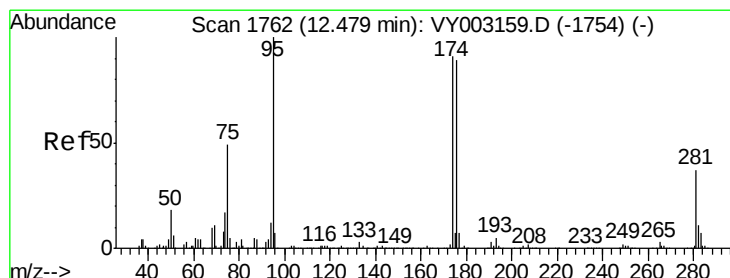
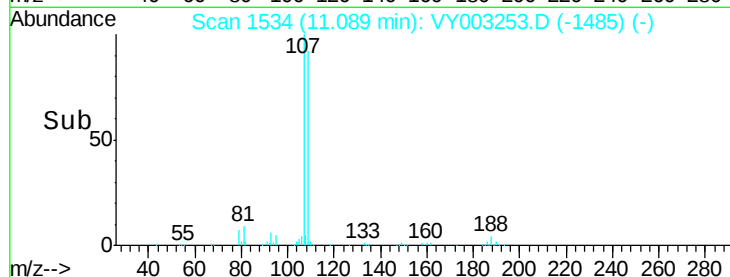
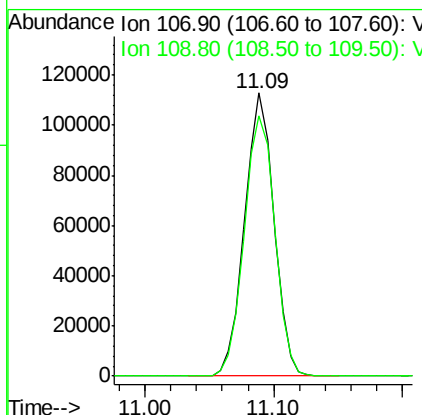
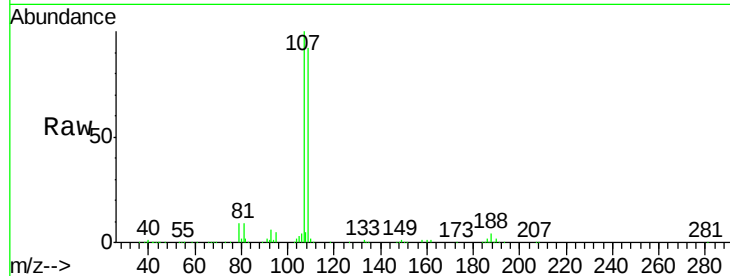
#61
 1,2-Dibromoethane
 Concen: 49.843 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 177008
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.6 113.4

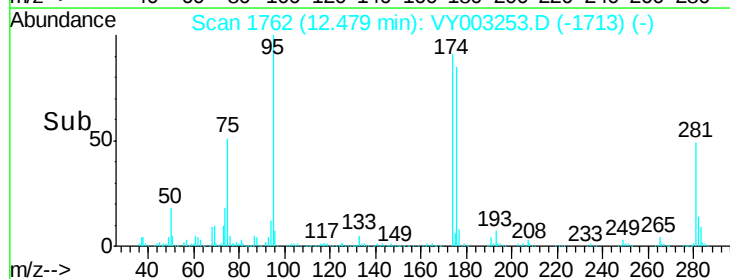
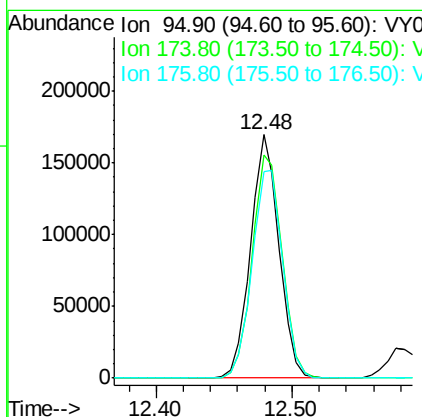
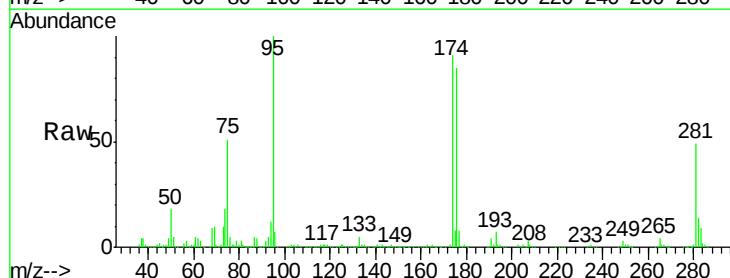
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#62
 4-Bromofluorobenzene
 Concen: 47.741 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion: 95 Resp: 248442
 Ion Ratio Lower Upper
 95 100
 174 96.5 0.0 190.6
 176 92.4 0.0 186.4





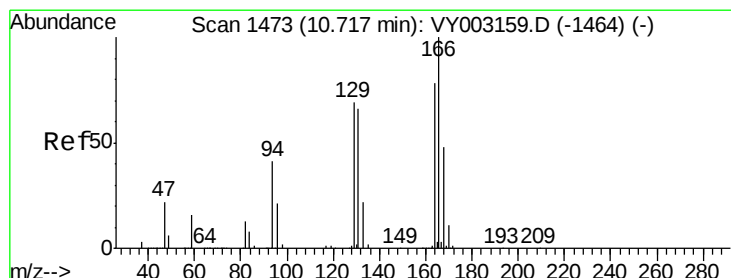
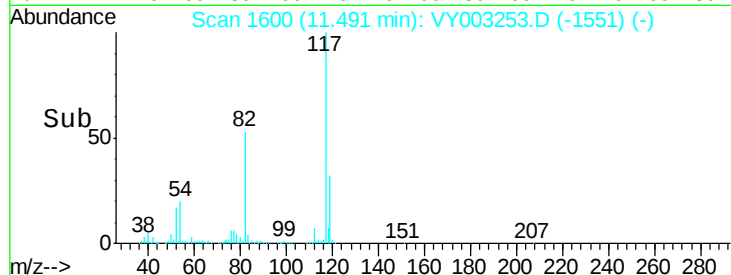
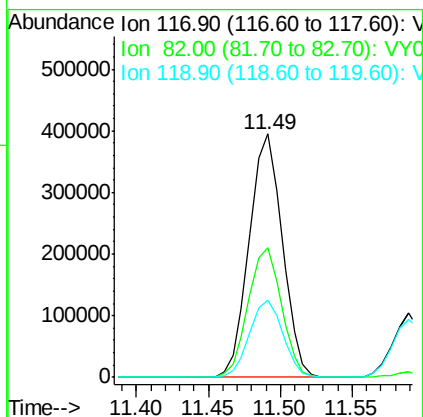
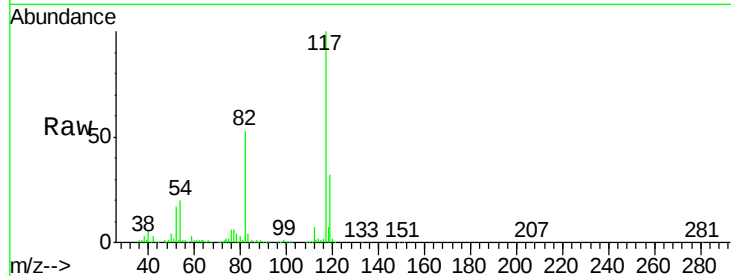
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	630596		
82	53.1	42.0	63.0	
119	31.6	25.5	38.3	

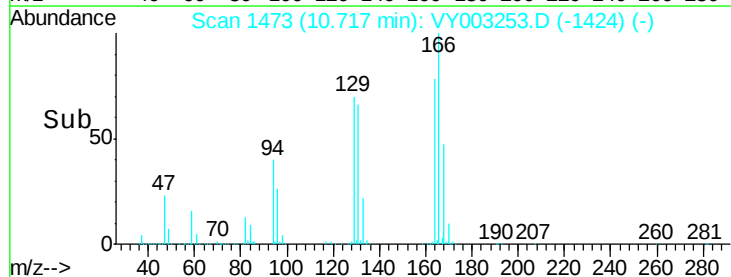
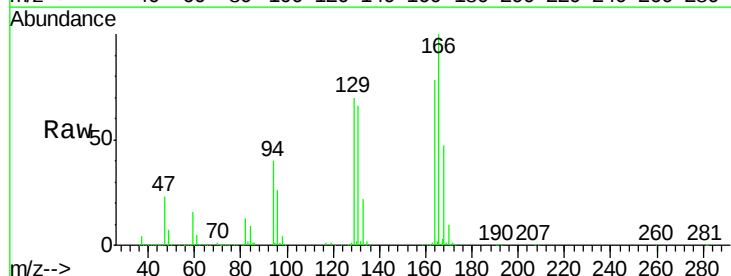
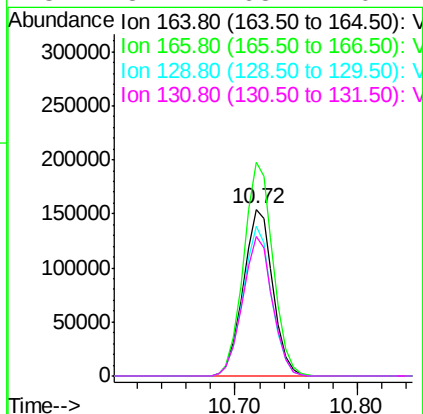
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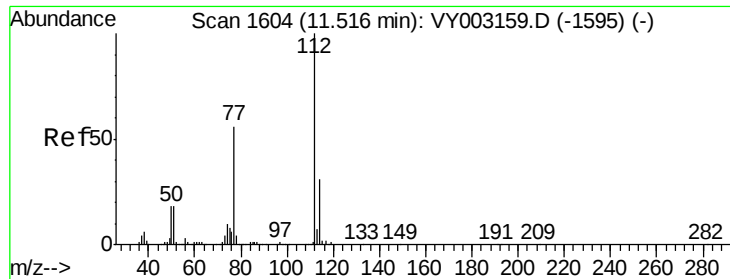
MMDadoda
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#64
Tetrachloroethene
Concen: 45.684 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	256862		
166	128.2	102.9	154.3	
129	90.0	71.4	107.2	
131	84.1	68.1	102.1	





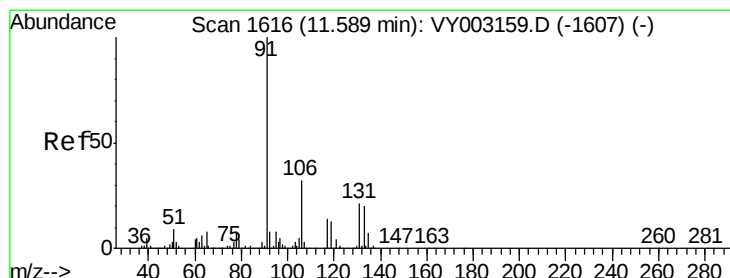
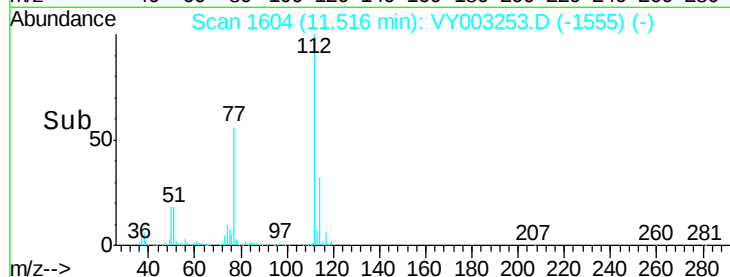
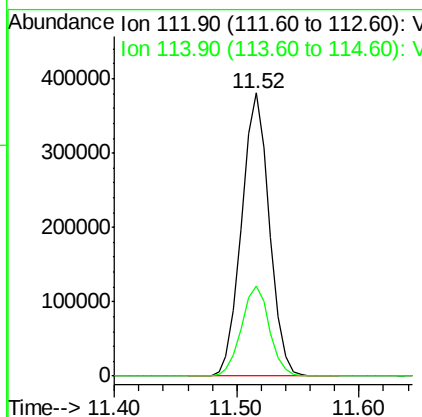
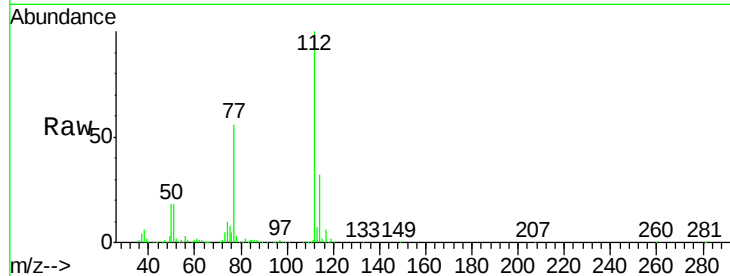
#65
Chlorobenzene
Concen: 49.295 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 598835
Ion Ratio Lower Upper
112 100
114 31.7 24.7 37.1

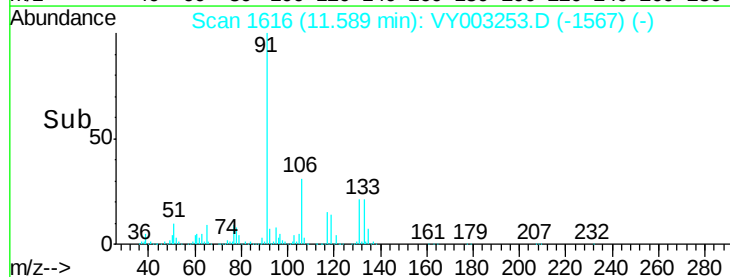
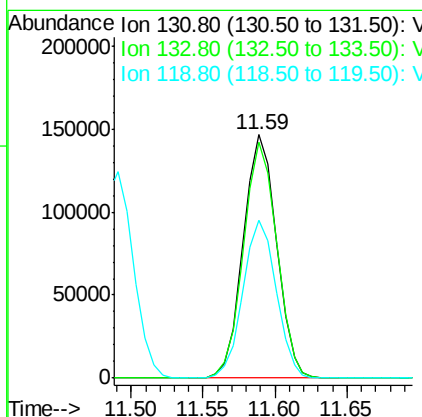
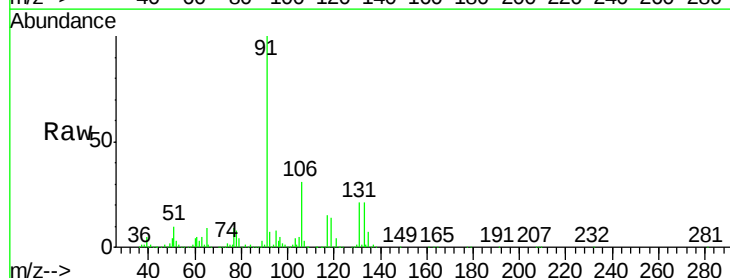
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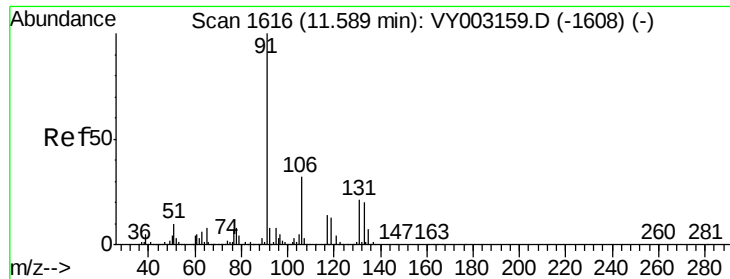
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.781 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion:131 Resp: 234878
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.0
119 64.7 32.4 97.0





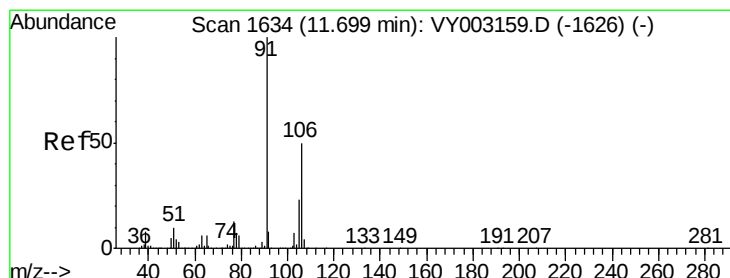
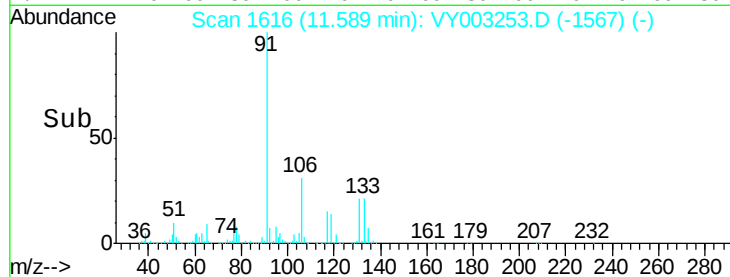
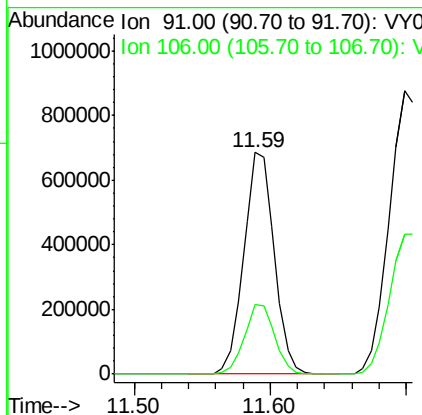
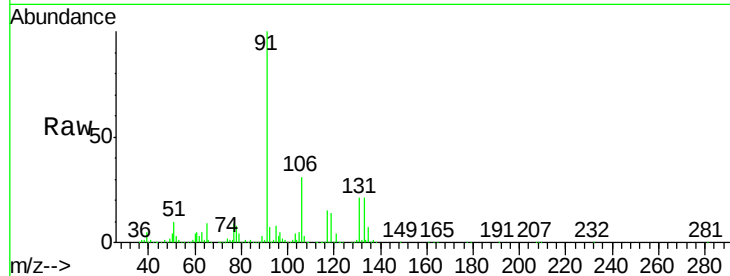
#67
Ethyl Benzene
Concen: 49.258 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1068417
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3

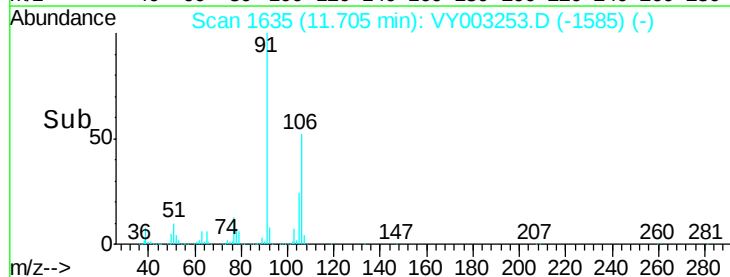
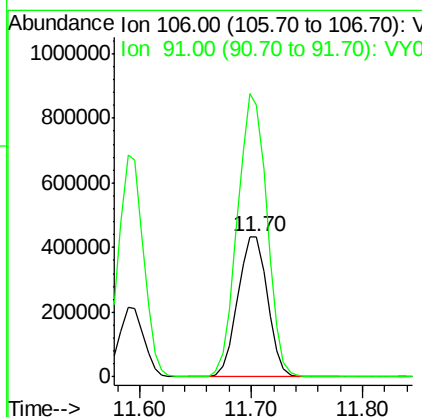
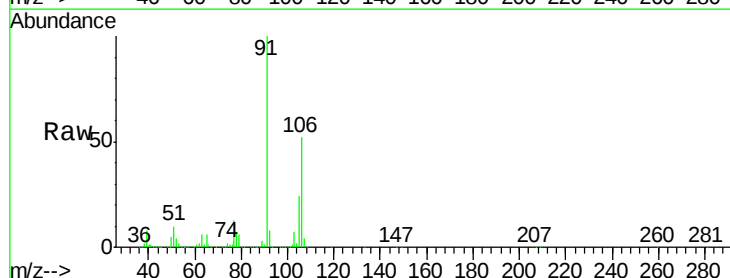
Manual Integrations
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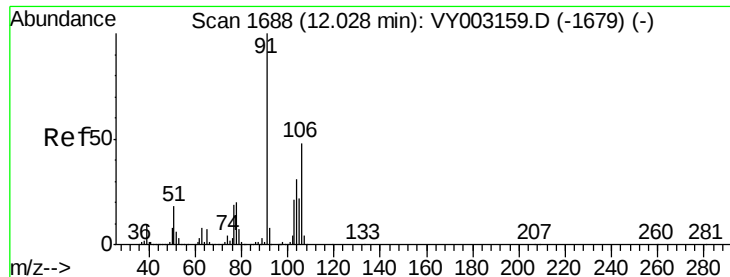
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#68
m/p-Xylenes
Concen: 98.110 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 106 Resp: 807444
Ion Ratio Lower Upper
106 100
91 199.0 159.0 238.6





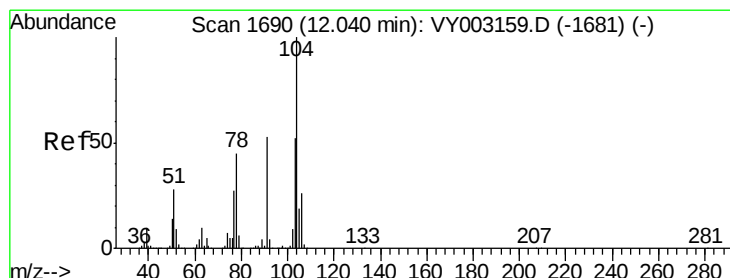
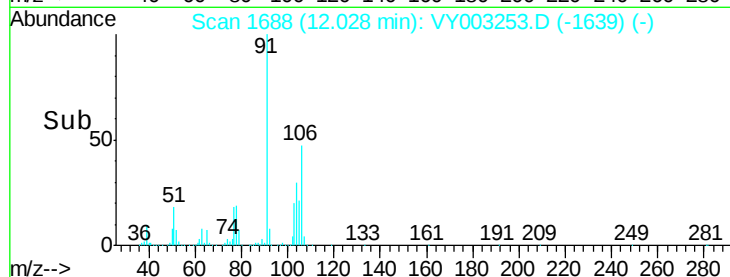
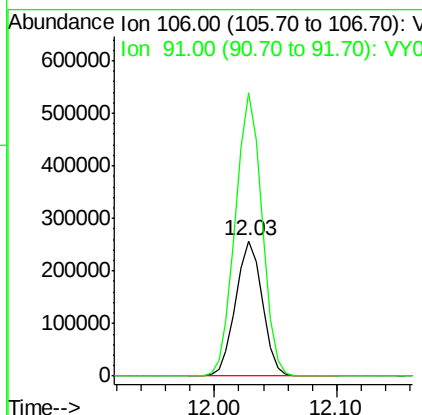
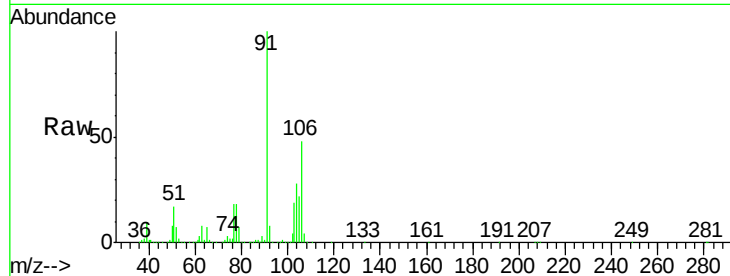
#69
o-Xylene
Concen: 50.350 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 387116
Ion Ratio Lower Upper
106 100
91 209.4 105.1 315.1

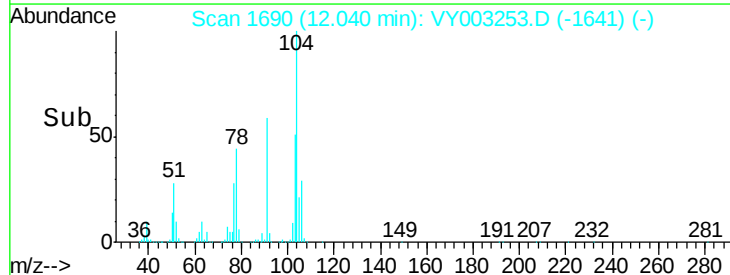
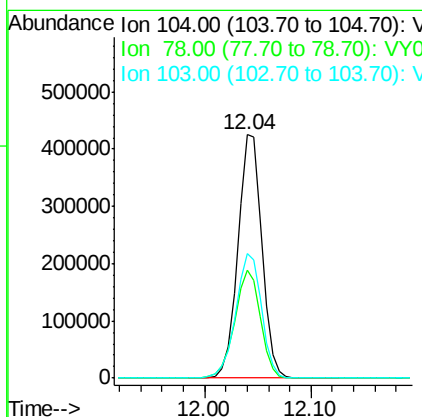
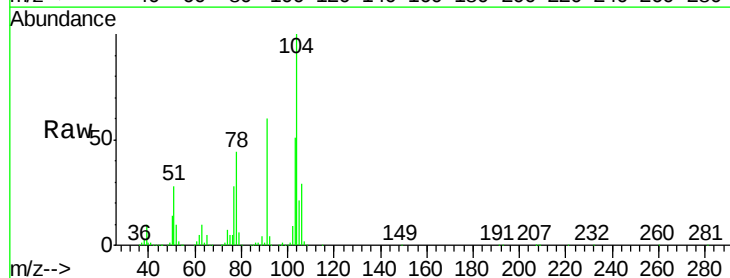
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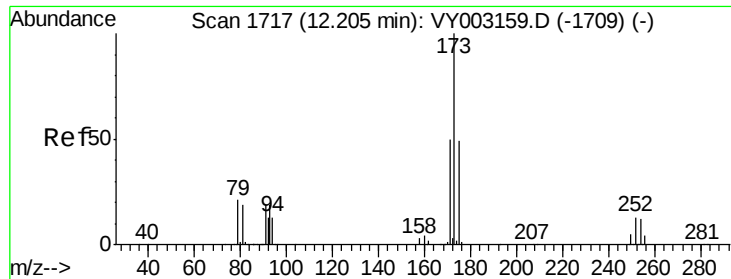
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#70
Styrene
Concen: 51.209 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion:104 Resp: 673533
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 55.0 43.9 65.9





#71

Bromoform

Concen: 51.863 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

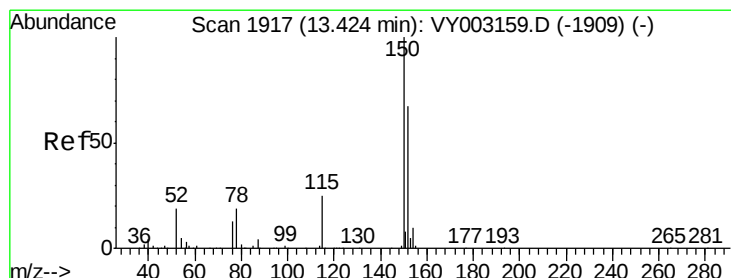
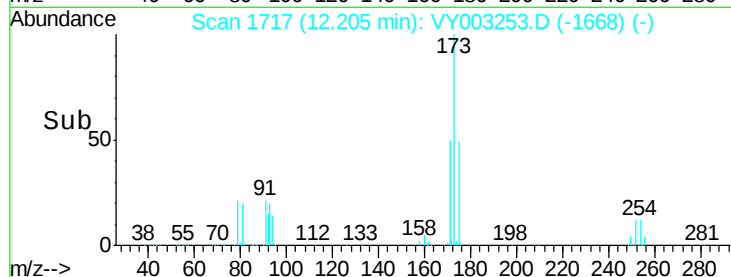
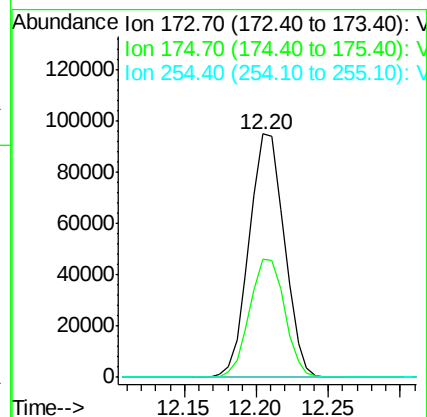
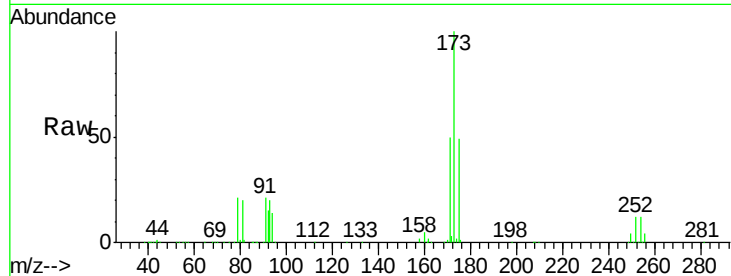
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	160604
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.3	73.0
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

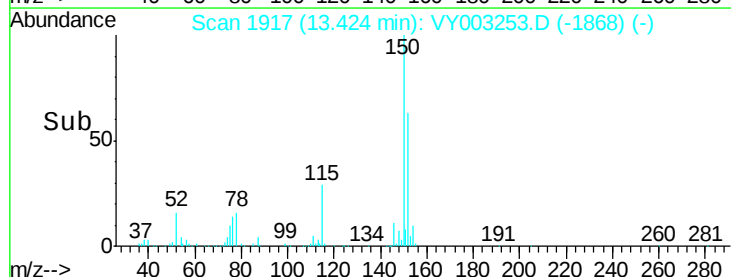
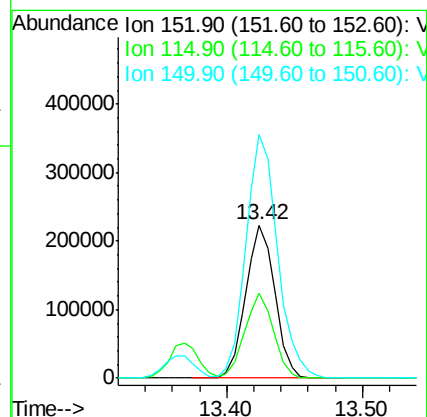
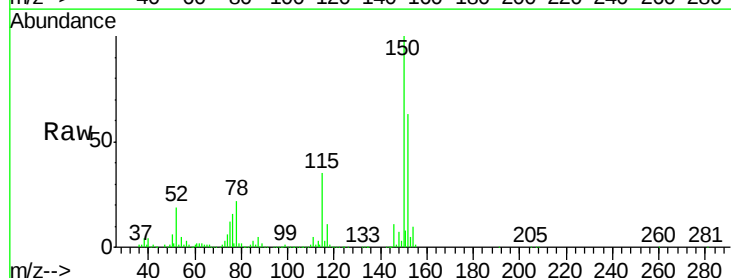
RT: 13.42 min Scan# 1917

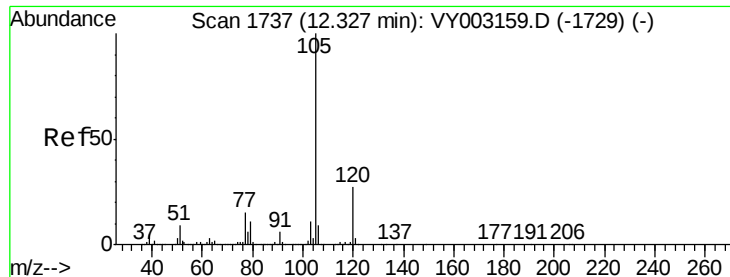
Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Tgt Ion:	152	Resp:	333408
Ion Ratio	Lower	Upper	
152	100		
115	54.4	26.9	80.7
150	173.1	0.0	338.0





#73

Isopropylbenzene

Concen: 49.107 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1043374

Ion Ratio Lower Upper

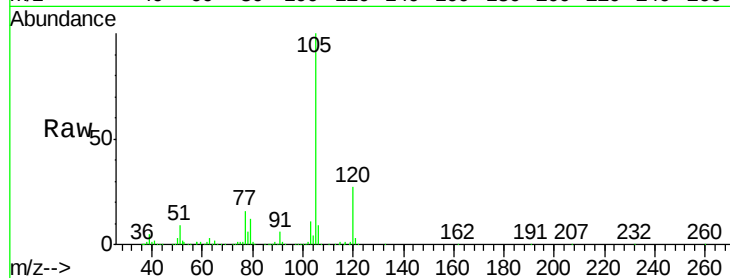
105 100

120 27.1 13.4 40.2

Manual Integrations
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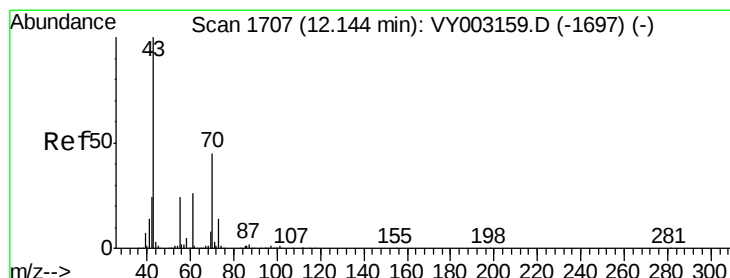
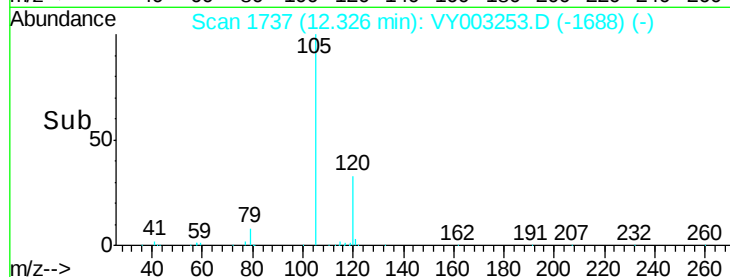
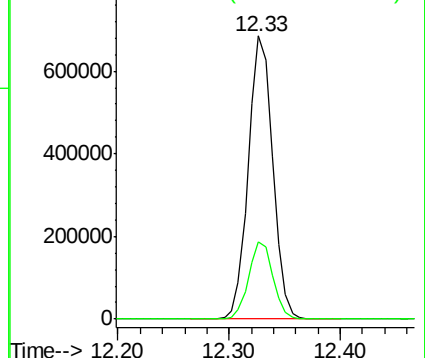
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.468 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Tgt Ion: 43 Resp: 318756

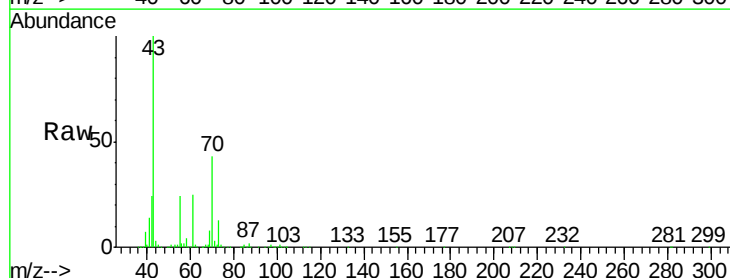
Ion Ratio Lower Upper

43 100

70 43.5 35.6 53.4

55 24.4 19.4 29.2

61 25.3 20.8 31.2

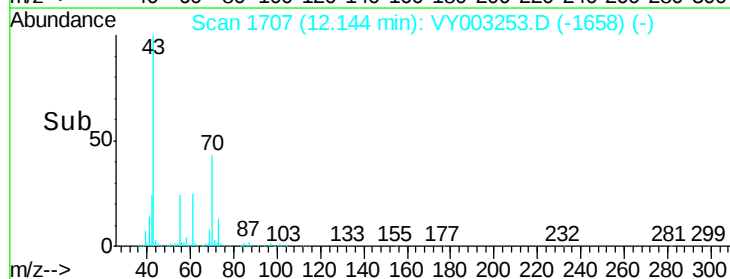
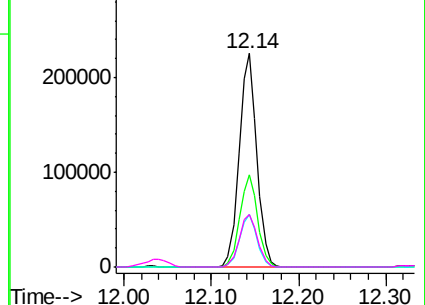


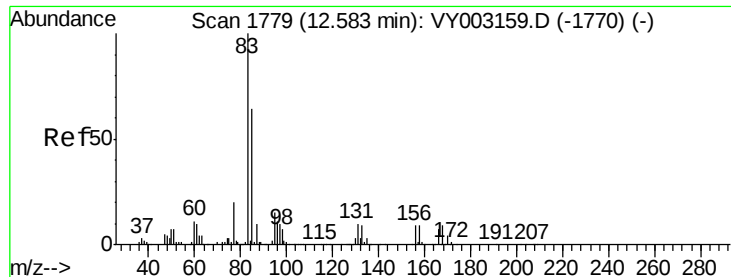
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 52.228 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 214322

Ion Ratio Lower Upper

83 100

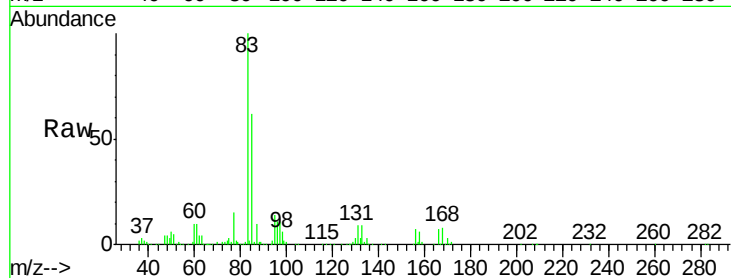
131 10.7 5.2 15.6

85 64.2 32.0 96.0

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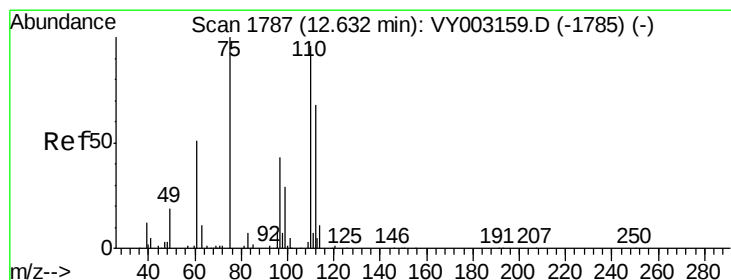
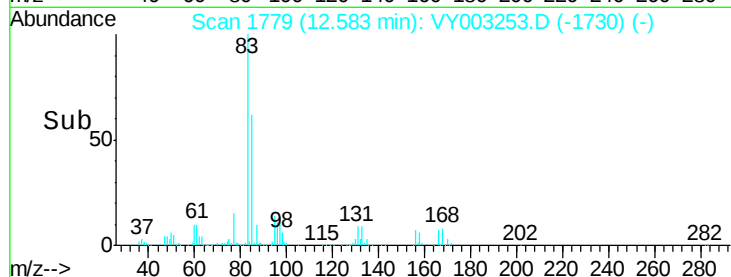
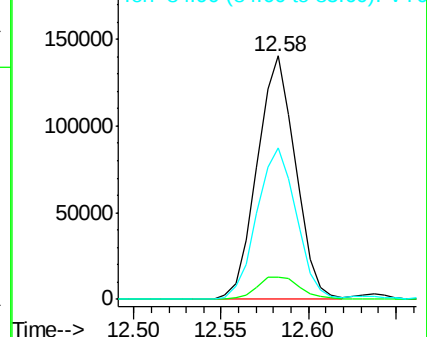
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Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 53.043 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003253.D

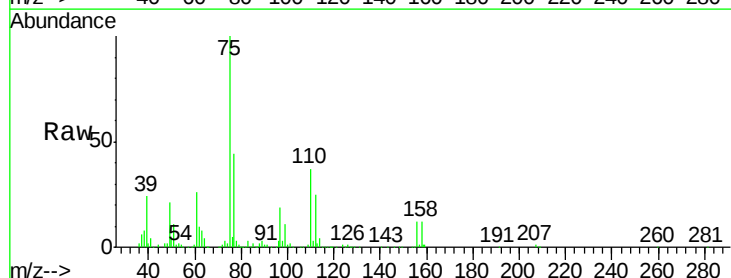
Acq: 21 Jul 2020 16:27

Tgt Ion: 75 Resp: 156541

Ion Ratio Lower Upper

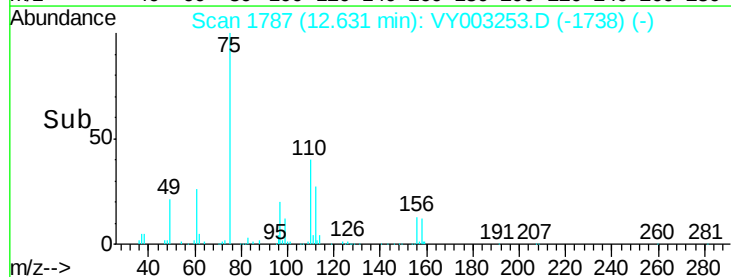
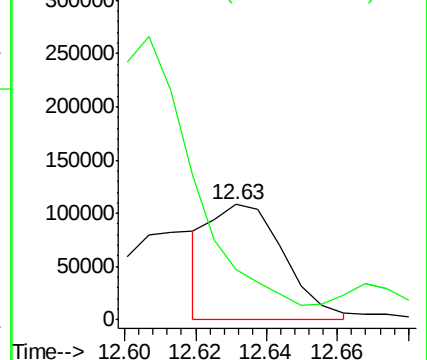
75 100

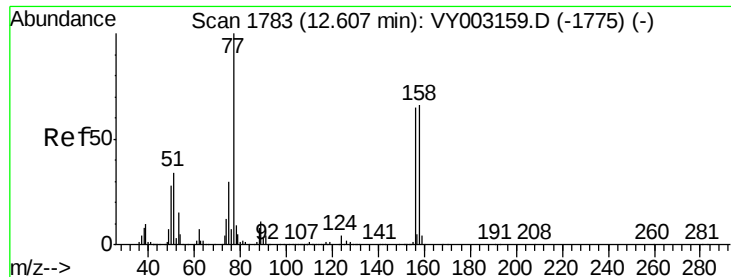
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 49.776 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

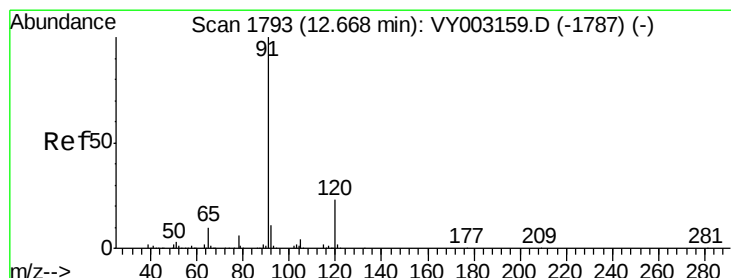
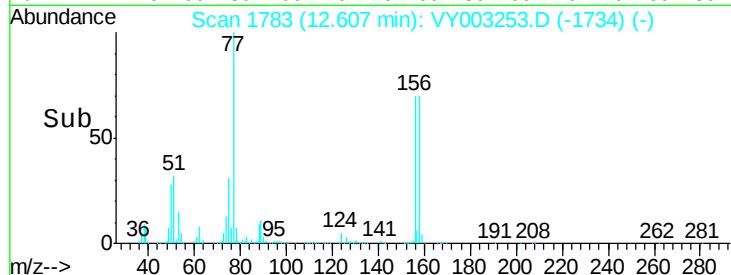
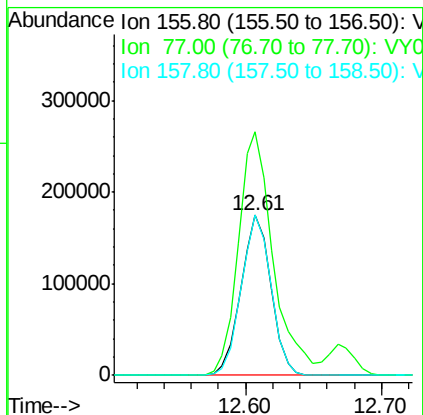
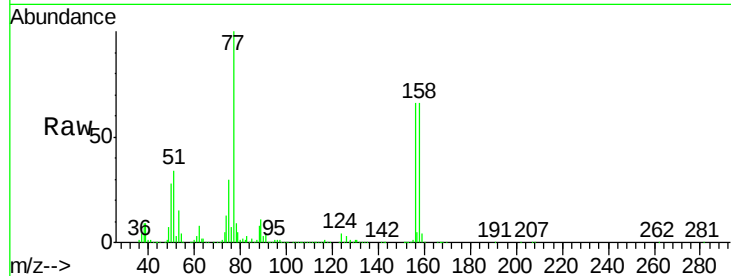
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	269582
Ion Ratio	Lower	Upper	
156	100		
77	174.9	86.6	259.7
158	98.6	49.4	148.0

Manual Integrations
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#78

n-propylbenzene

Concen: 49.922 ug/l

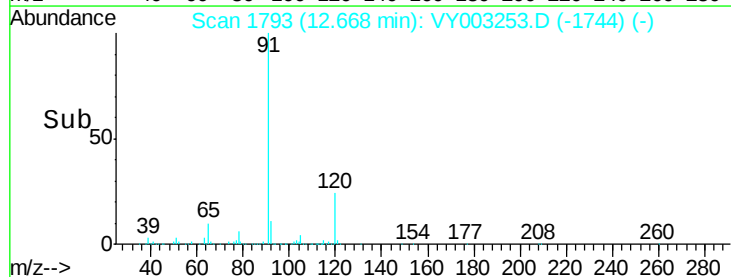
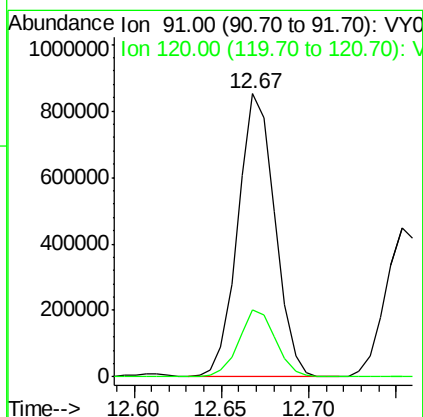
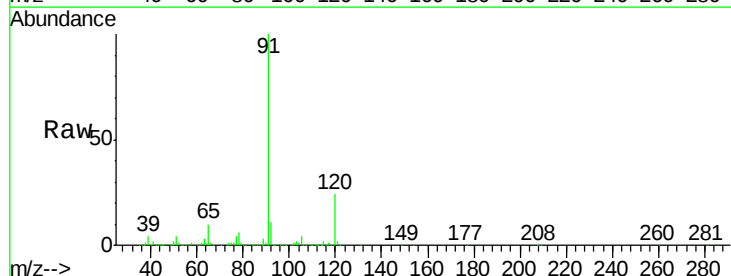
RT: 12.67 min Scan# 1793

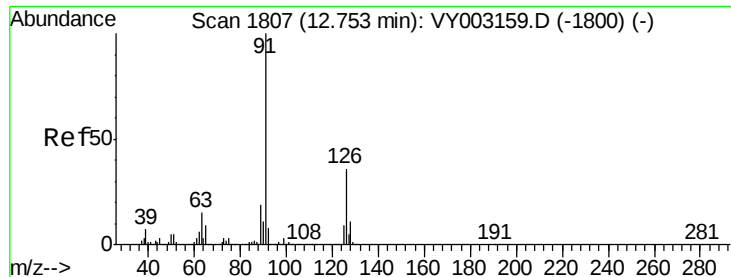
Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Tgt Ion:	91	Resp:	1250297
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.1





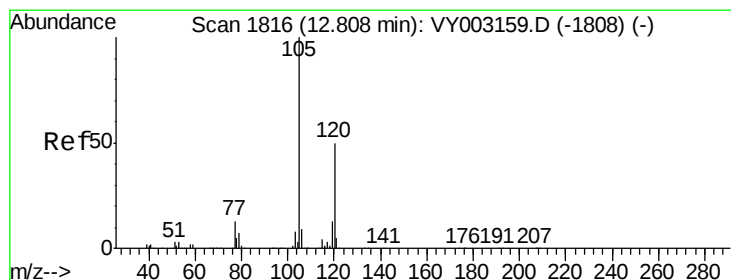
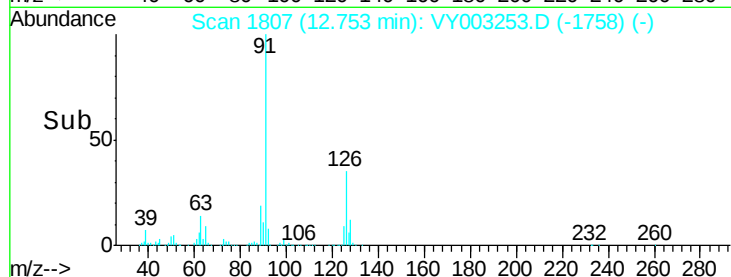
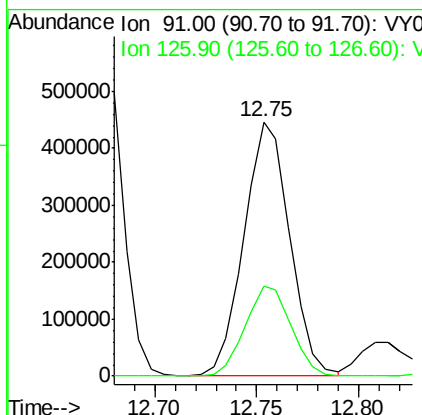
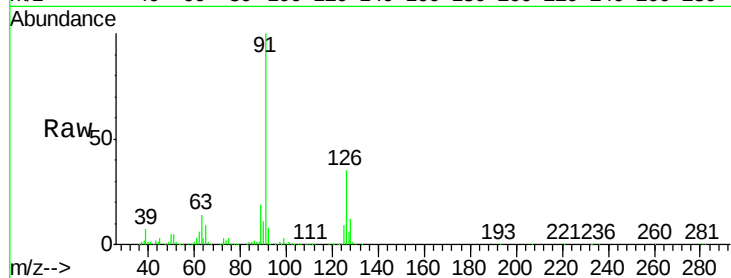
#79
2-Chlorotoluene
Concen: 49.680 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.6	52.9

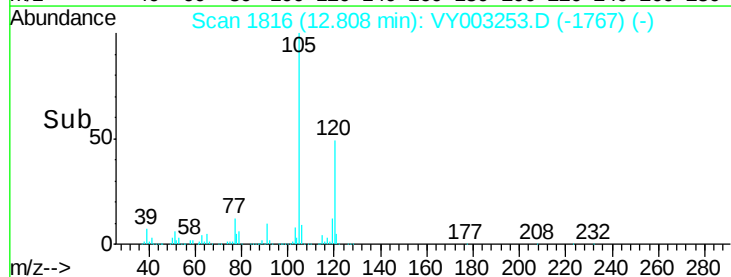
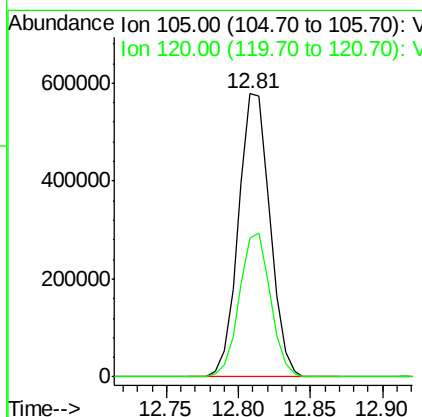
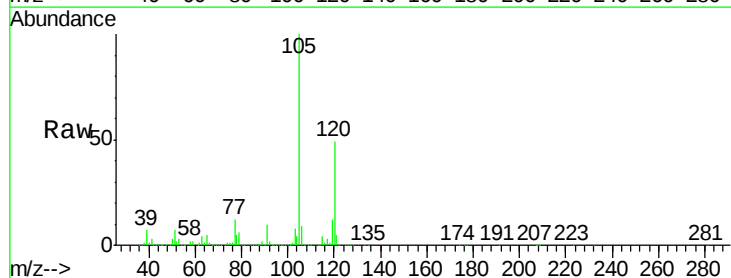
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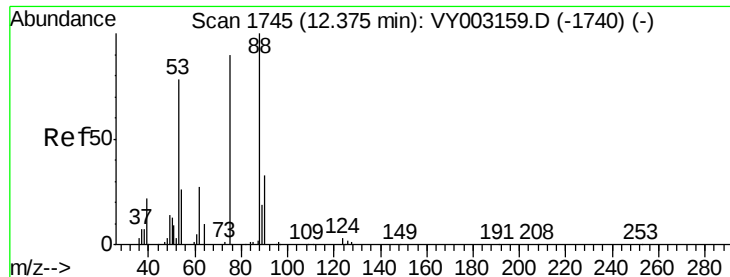
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#80
1,3,5-Trimethylbenzene
Concen: 49.480 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.9	24.9	74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.199 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 79156

Ion Ratio Lower Upper

75 100

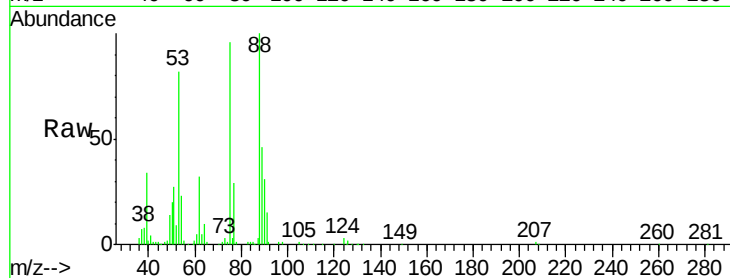
53 84.5 72.0 108.0

89 48.4 37.3 55.9

Manual Integrations
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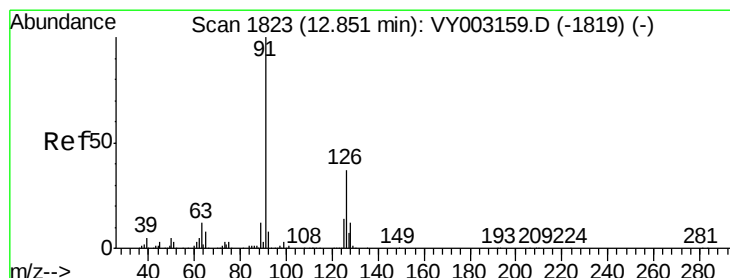
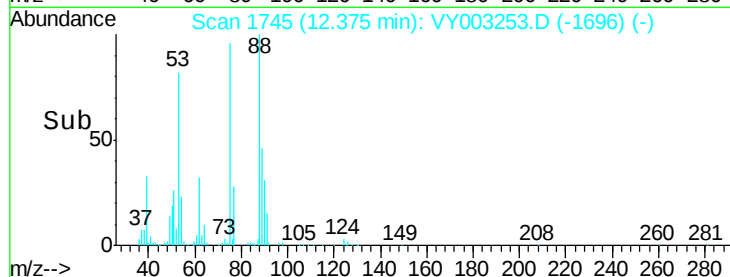
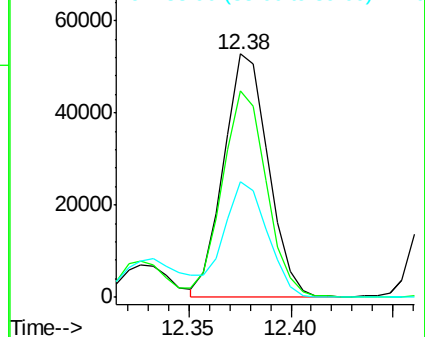
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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 50.045 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003253.D

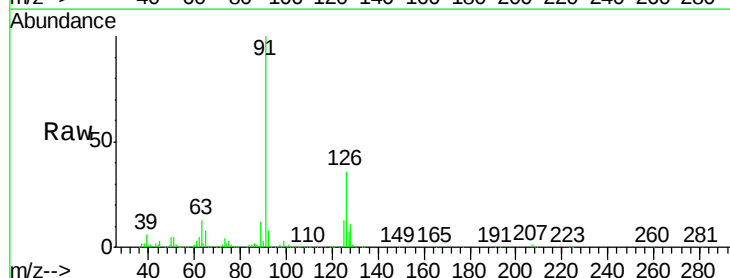
Acq: 21 Jul 2020 16:27

Tgt Ion: 91 Resp: 729897

Ion Ratio Lower Upper

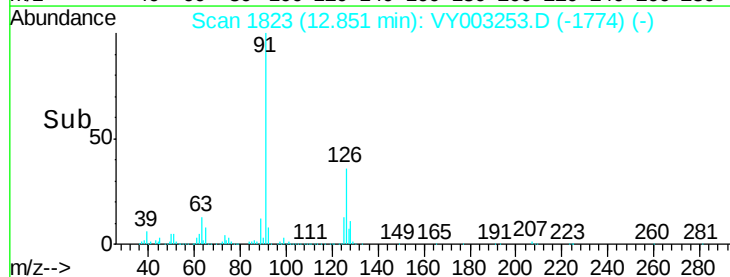
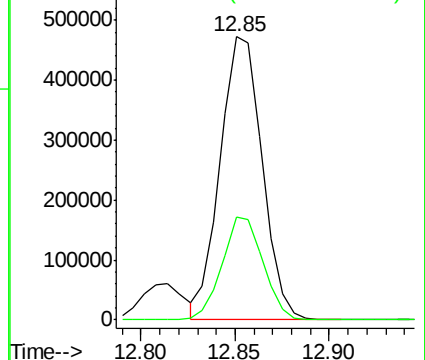
91 100

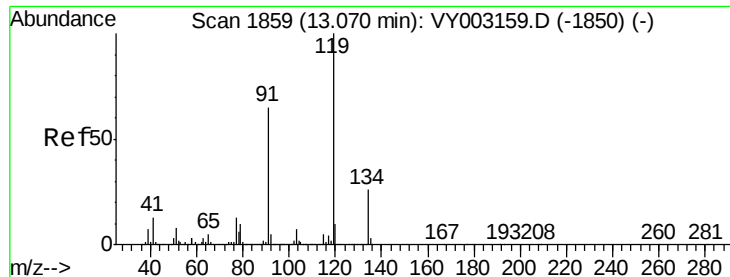
126 35.6 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





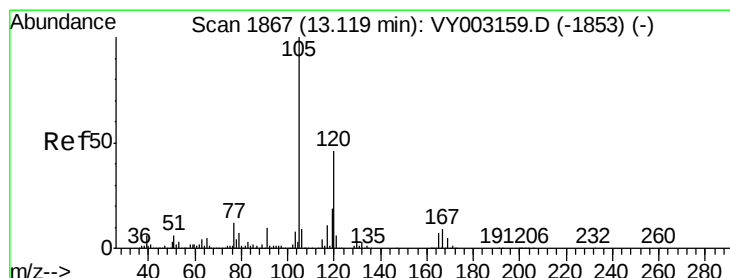
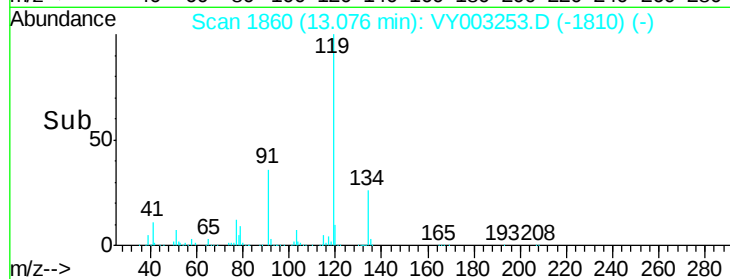
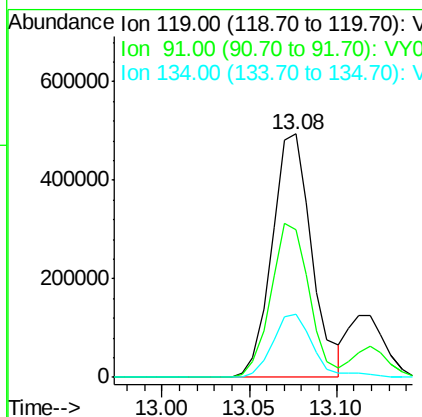
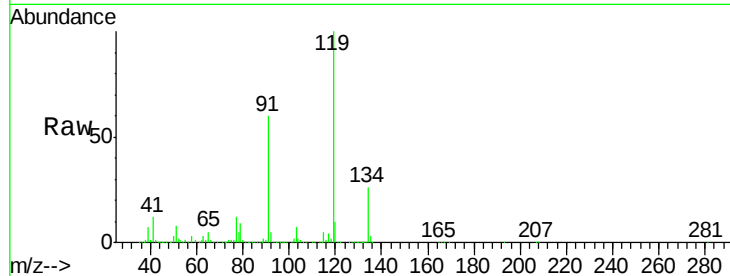
#83
tert-Butylbenzene
Concen: 50.033 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.9	30.8	92.4
134	26.9	13.2	39.6

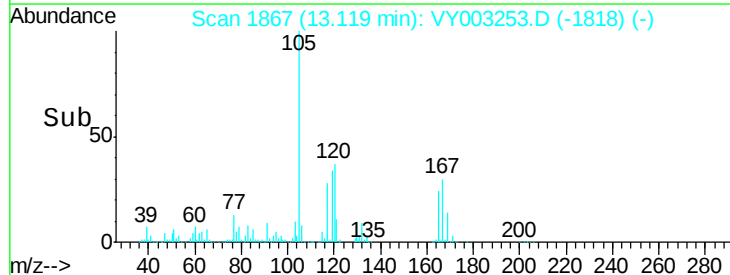
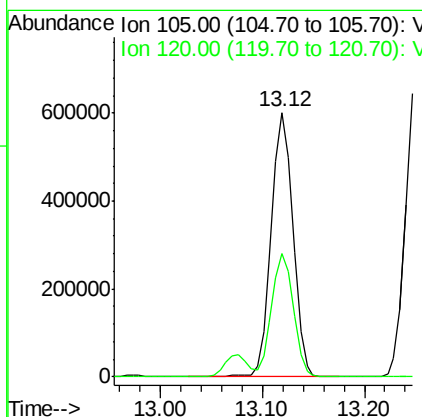
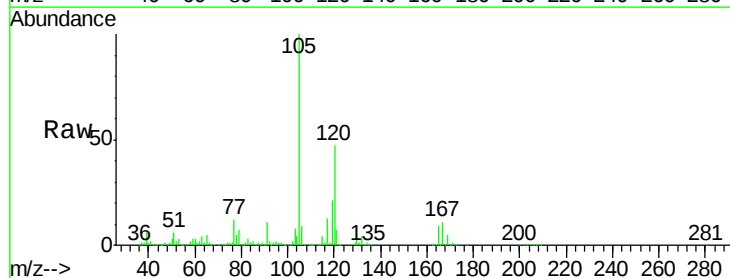
Manual Integrations
APPROVED

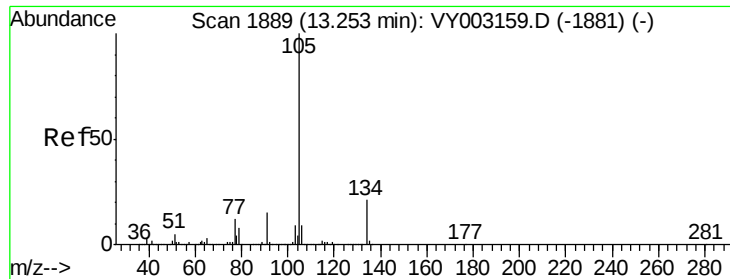
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#84
1,2,4-Trimethylbenzene
Concen: 49.724 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.5	67.5





#85

sec-Butylbenzene

Concen: 49.971 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1073188

Ion Ratio Lower Upper

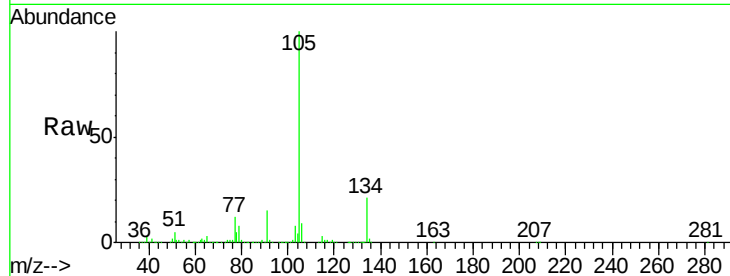
105 100

134 20.9 10.4 31.4

Manual Integrations
APPROVED

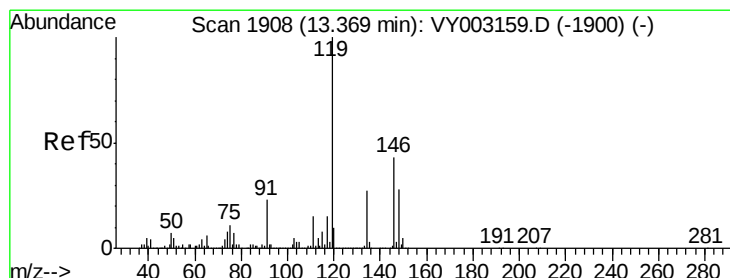
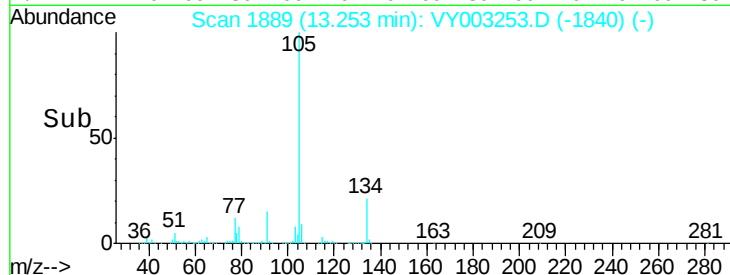
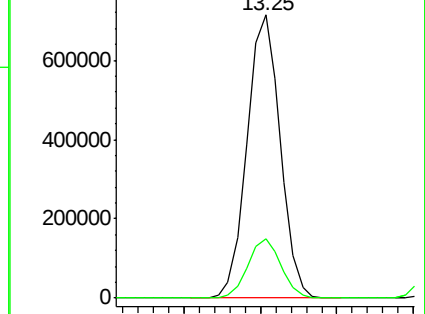
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.638 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

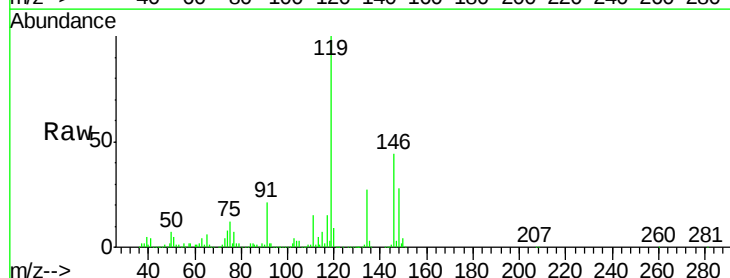
Tgt Ion:119 Resp: 995362

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

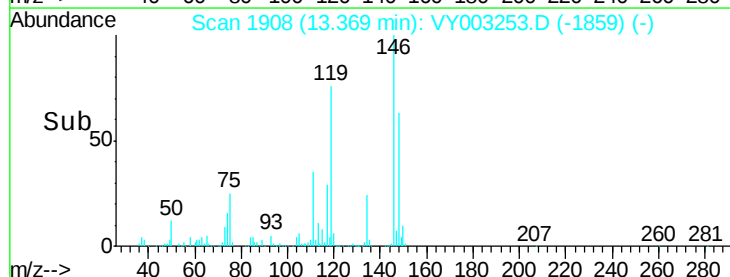
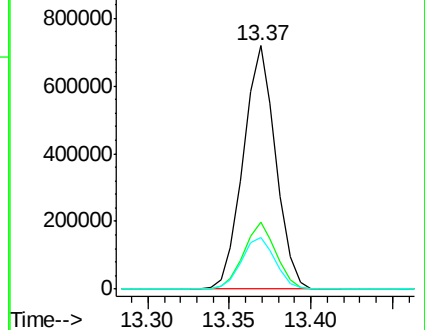
91 21.9 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 50.311 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

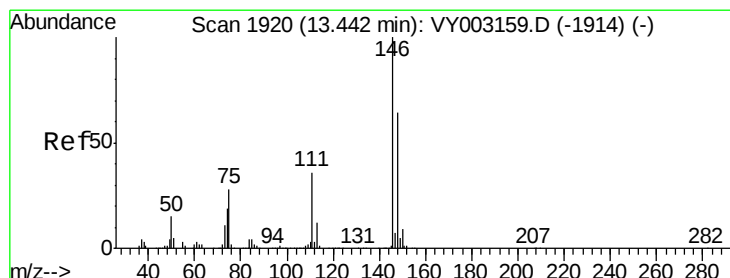
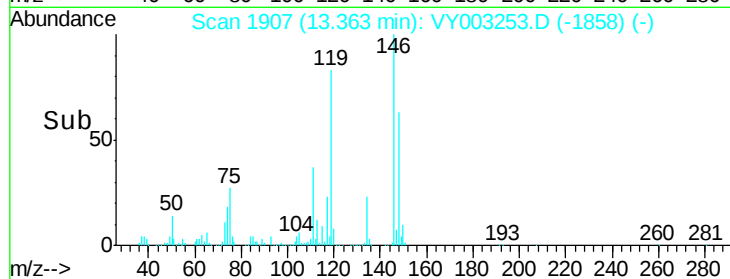
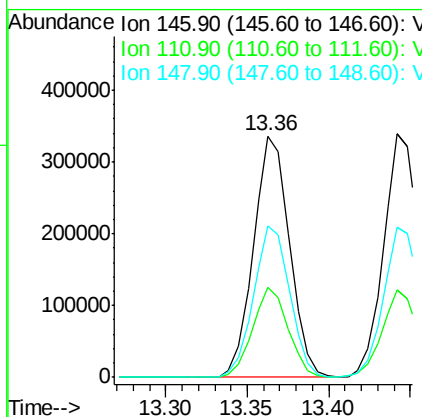
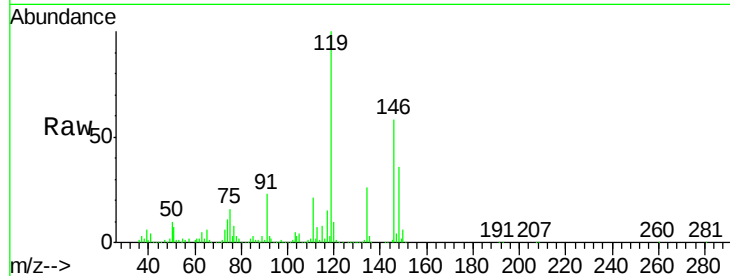
Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.8	56.3
148	63.2	32.3	96.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.335 ug/l

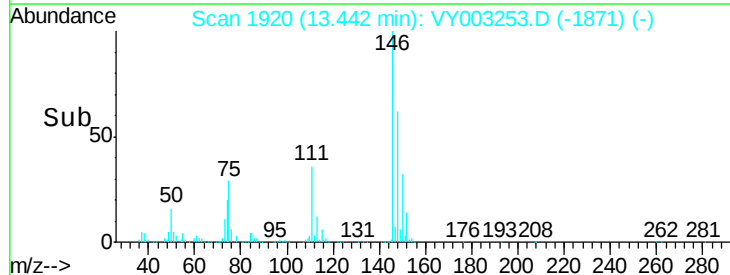
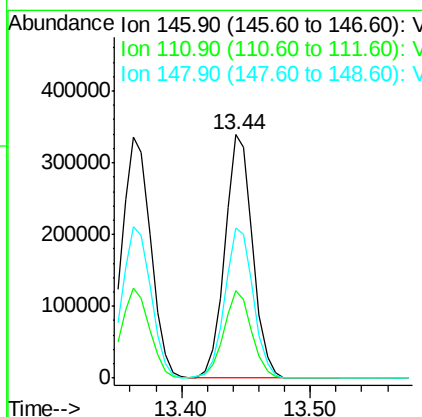
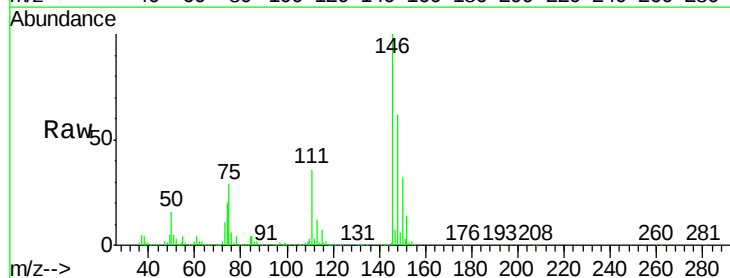
RT: 13.44 min Scan# 1920

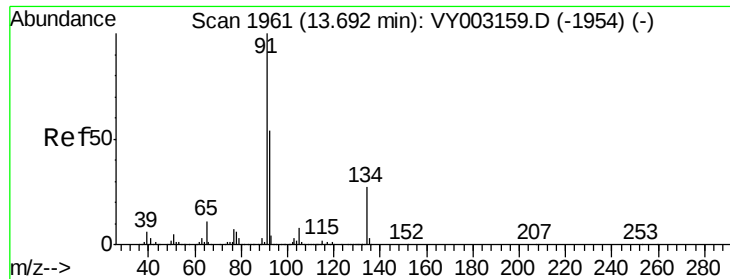
Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.4	55.0
148	63.2	32.0	96.0





#89

n-Butylbenzene

Concen: 49.715 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

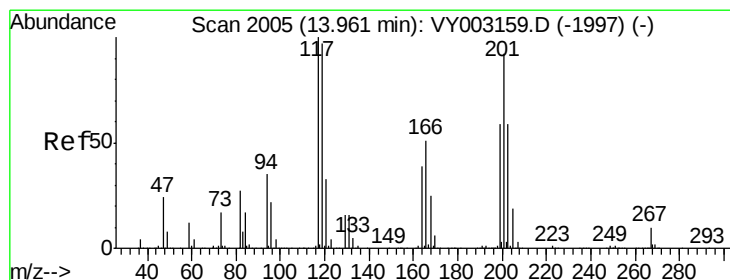
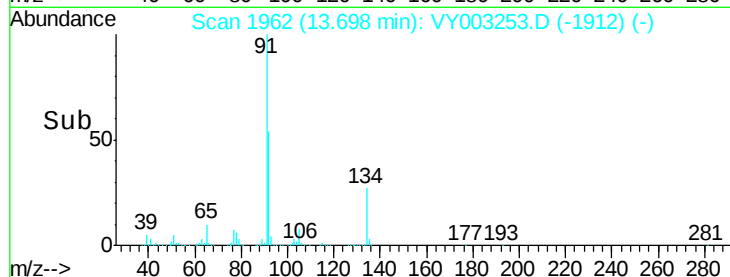
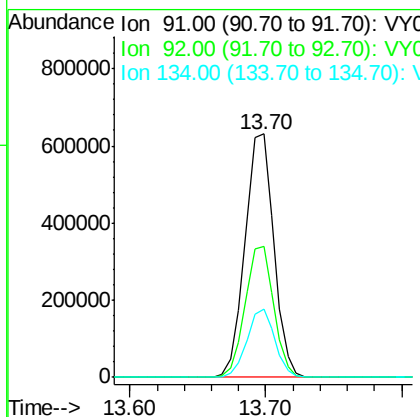
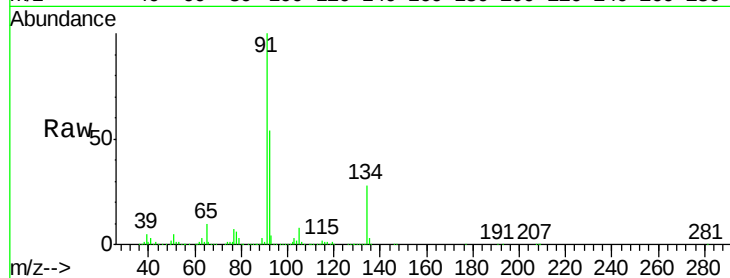
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	937698
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.7
134	27.1	13.6	40.7

Manual Integrations
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#90

Hexachloroethane

Concen: 51.201 ug/l

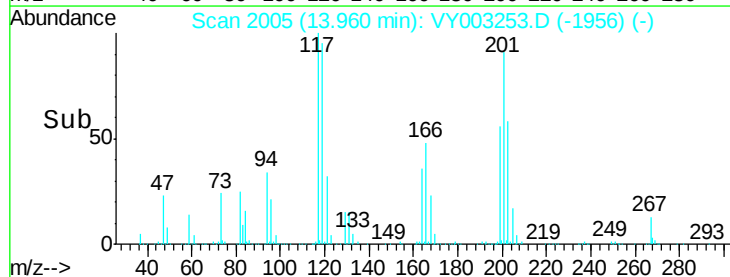
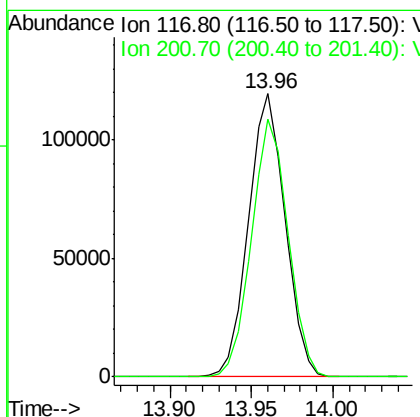
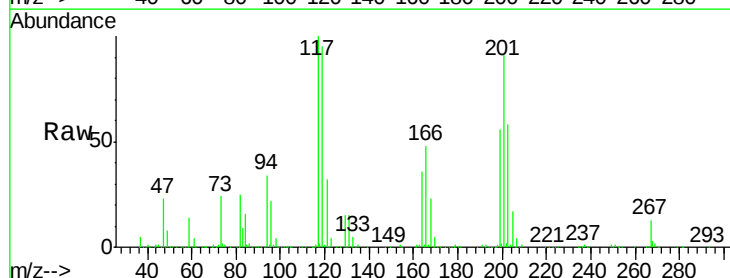
RT: 13.96 min Scan# 2005

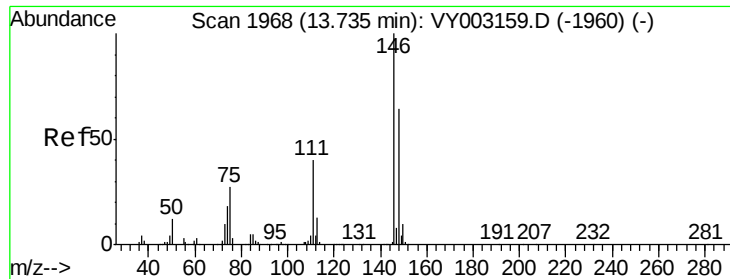
Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Tgt Ion:	117	Resp:	186971
Ion	Ratio	Lower	Upper
117	100		
201	90.9	45.1	135.3





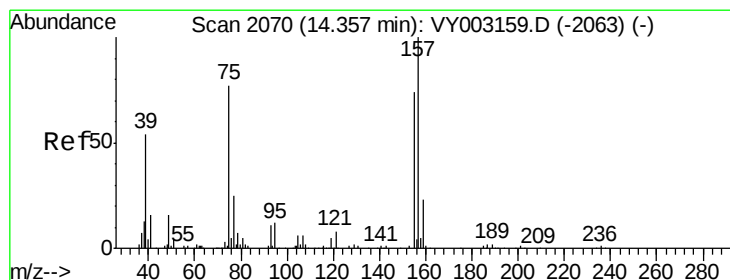
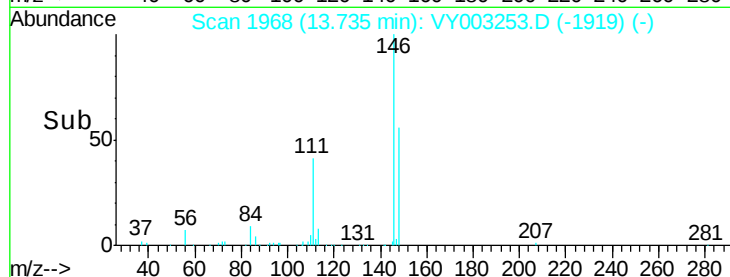
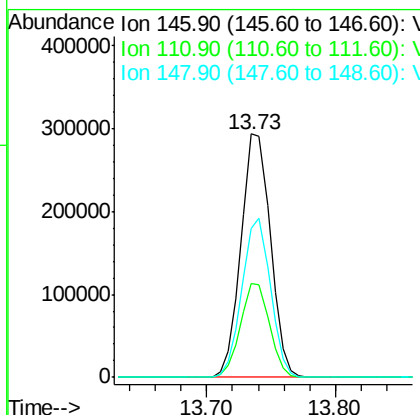
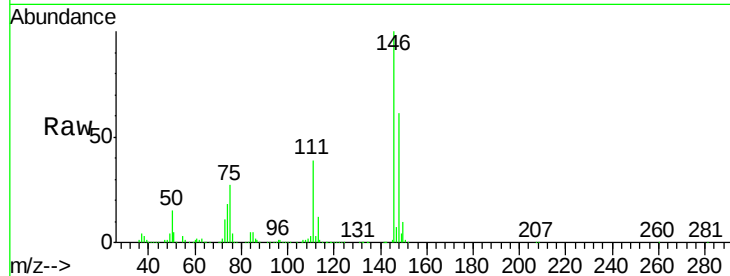
#91
 1,2-Dichlorobenzene
 Concen: 51.793 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.6	58.8
148	63.3	32.4	97.0

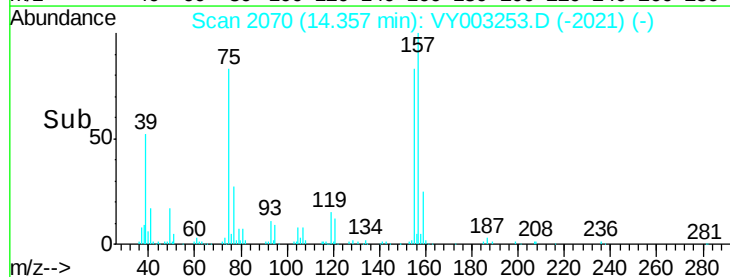
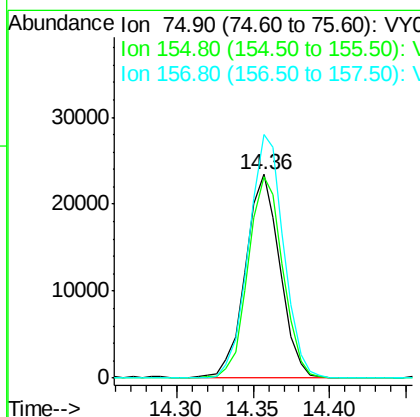
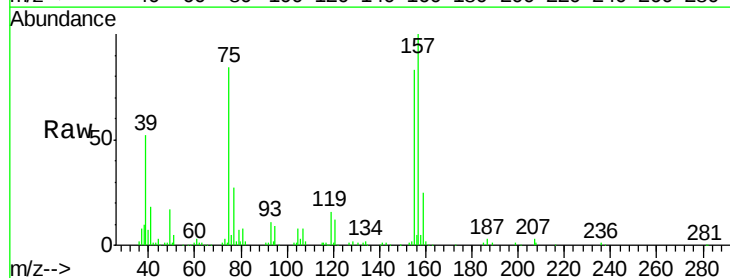
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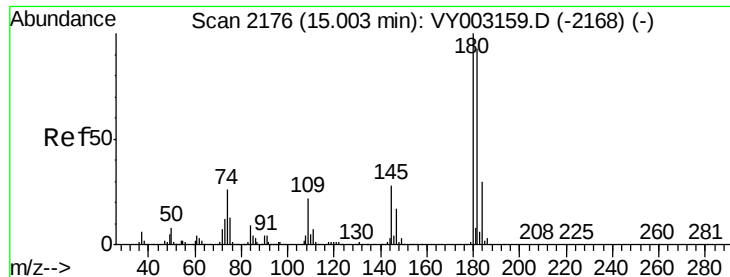
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.057 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.5	48.1	144.3
157	121.5	61.9	185.6





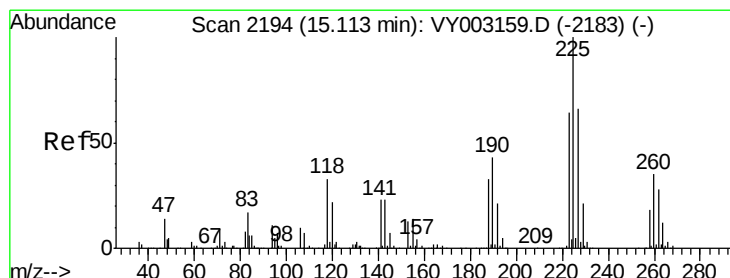
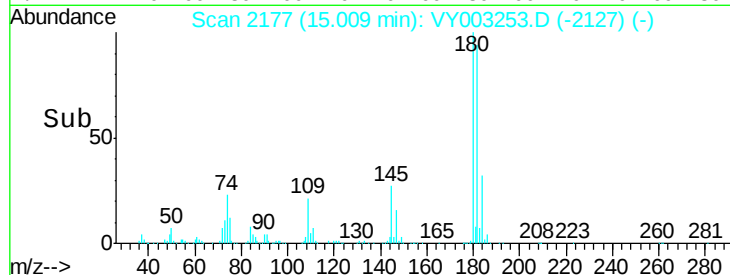
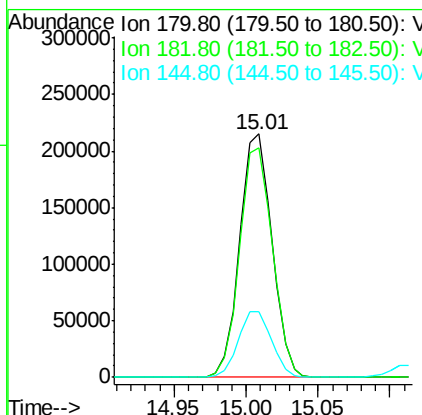
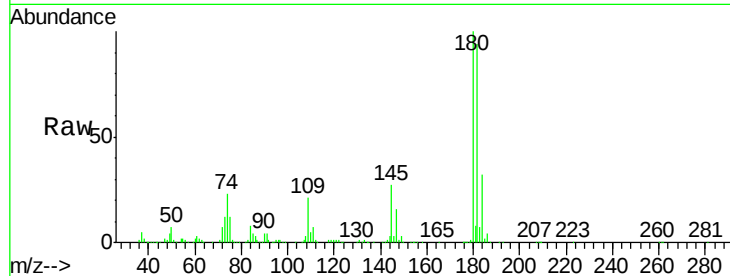
#93
 1,2,4-Trichlorobenzene
 Concen: 52.344 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.1	47.3	142.0	
145	27.9	13.7	41.1	

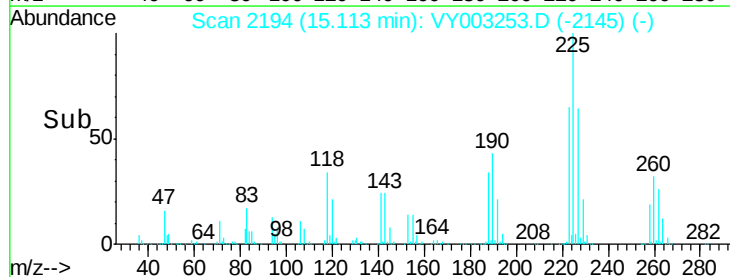
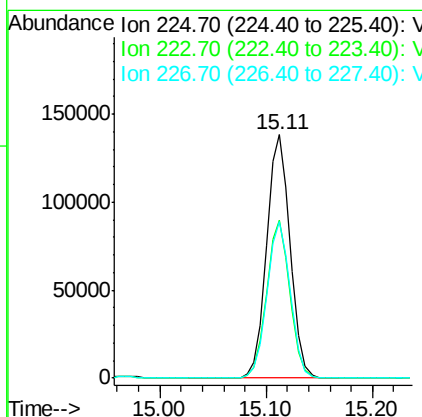
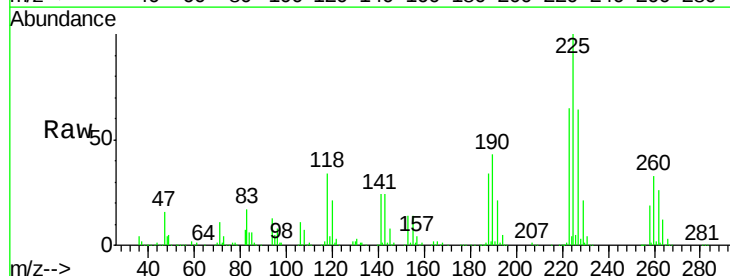
Manual Integrations
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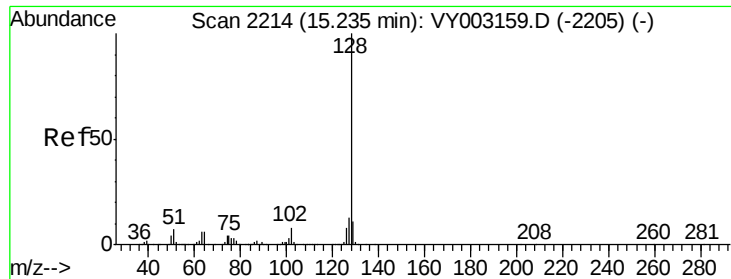
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#94
 Hexachlorobutadiene
 Concen: 48.572 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	31.6	94.7	
227	63.6	32.3	96.8	





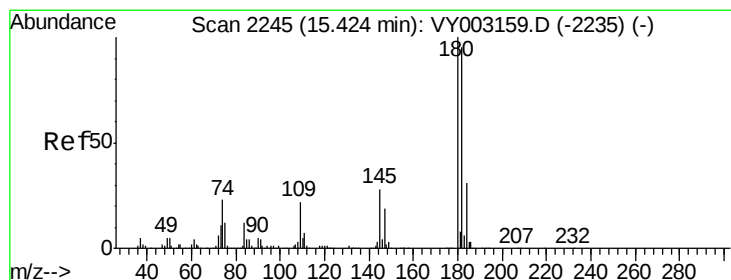
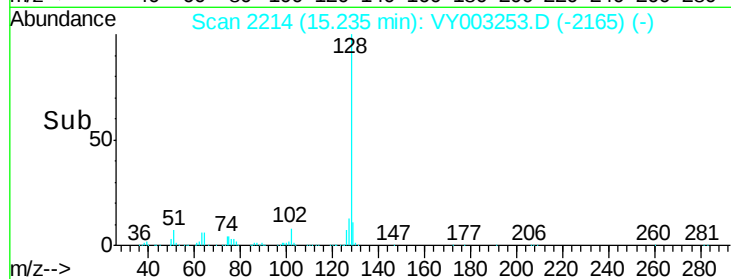
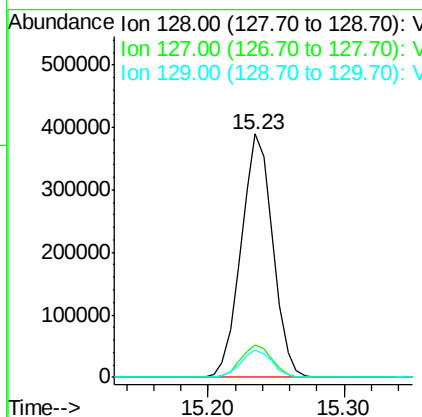
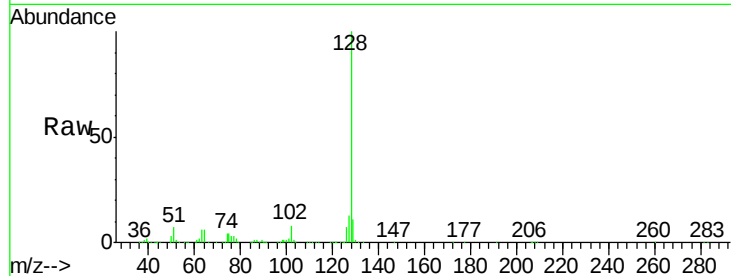
#95
Naphthalene
Concen: 59.871 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.9	16.3
129	11.1	9.0	13.6

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 57.564 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.8	146.3
145	29.5	14.9	44.5

