

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003276.D
 Acq On : 22 Jul 2020 02:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:43:31 PM

Quant Time: Jul 22 04:36:53 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	384090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	600796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	570517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	310301	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	177858	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
35) Dibromofluoromethane	7.72	113	170348	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	10.18	98	612051	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.48	95	224610	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	105944	38.485	ug/l	98
3) Chloromethane	2.11	50	170415	44.629	ug/l	99
4) Vinyl Chloride	2.26	62	169304	43.214	ug/l	99
5) Bromomethane	2.65	94	150534	51.729	ug/l	95
6) Chloroethane	2.80	64	117037	45.482	ug/l	100
7) Trichlorofluoromethane	3.13	101	247459	44.228	ug/l	97
8) Diethyl Ether	3.54	74	103045	54.961	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	152413	45.104	ug/l	98
10) Methyl Iodide	4.10	142	141980	38.674	ug/l	99
11) Tert butyl alcohol	4.96	59	92823	264.794	ug/l	99
12) 1,1-Dichloroethene	3.88	96	149457	46.762	ug/l	99
13) Acrolein	3.74	56	38493	126.511	ug/l	97
14) Allyl chloride	4.49	41	257605	54.318	ug/l	95
15) Acrylonitrile	5.18	53	270586	300.446	ug/l	100
16) Acetone	3.96	43	200851	277.367	ug/l	95
17) Carbon Disulfide	4.20	76	445383	45.412	ug/l	99
18) Methyl Acetate	4.49	43	127477	63.390	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	501506	55.992	ug/l	96
20) Methylene Chloride	4.72	84	199964	55.487	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	175209	48.467	ug/l	99
22) Diisopropyl ether	6.13	45	617149	58.634	ug/l	97
23) Vinyl Acetate	6.07	43	2027355	288.983	ug/l	99
24) 1,1-Dichloroethane	6.03	63	328344	53.845	ug/l	99
25) 2-Butanone	6.99	43	355314	298.844	ug/l	100
26) 2,2-Dichloropropane	6.99	77	245031	44.619	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	211550	53.151	ug/l	98
28) Bromochloromethane	7.34	49	154147	58.387	ug/l	98
29) Tetrahydrofuran	7.35	42	242566	303.692	ug/l	95
30) Chloroform	7.51	83	341320	54.346	ug/l	95
31) Cyclohexane	7.79	56	263279	44.649	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	284152	50.256	ug/l	98
36) 1,1-Dichloropropene	7.92	75	239395	43.964	ug/l	100
37) Ethyl Acetate	7.08	43	157880	53.840	ug/l	98
38) Carbon Tetrachloride	7.91	117	248910	44.279	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	284978	41.661	ug/l	96
40) Benzene	8.17	78	732043	48.825	ug/l	95
41) Methacrylonitrile	7.33	41	99522m	56.351	ug/l	
42) 1,2-Dichloroethane	8.24	62	234473	50.798	ug/l	100
43) Isopropyl Acetate	8.28	43	307439	54.164	ug/l	98
44) Trichloroethene	8.94	130	212307	46.192	ug/l	97
45) 1,2-Dichloropropane	9.22	63	198764	51.234	ug/l	99
46) Dibromomethane	9.31	93	117230	51.736	ug/l	97
47) Bromodichloromethane	9.50	83	275434	51.109	ug/l	98
48) Methyl methacrylate	9.30	41	138273	54.491	ug/l	96
49) 1,4-Dioxane	9.30	88	30732	1068.634	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	814716	276.152	ug/l	98
52) Toluene	10.24	92	464085	48.427	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	283542	50.781	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	322308	50.099	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	162786	50.698	ug/l	96
56) Ethyl methacrylate	10.51	69	237228	54.344	ug/l	98
57) 1,3-Dichloropropane	10.79	76	283014	51.984	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	626365	281.346	ug/l	99
59) 2-Hexanone	10.83	43	570260	276.895	ug/l	98
60) Dibromochloromethane	10.99	129	209614	51.904	ug/l	100
61) 1,2-Dibromoethane	11.09	107	159305	50.269	ug/l	99
64) Tetrachloroethene	10.72	164	222448	43.729	ug/l	98
65) Chlorobenzene	11.52	112	525440	47.808	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	207826	48.686	ug/l	99
67) Ethyl Benzene	11.59	91	915961	46.676	ug/l	99
68) m/p-Xylenes	11.70	106	693093	93.084	ug/l	100
69) o-Xylene	12.03	106	331587	47.669	ug/l	99
70) Styrene	12.04	104	590321	49.609	ug/l	99
71) Bromoform	12.20	173	140568	50.173	ug/l #	99
73) Isopropylbenzene	12.33	105	882143	44.610	ug/l	100
74) N-amyl acetate	12.14	43	288285	51.958	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	192918	50.513	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	134630m	49.015	ug/l	
77) Bromobenzene	12.61	156	238571	47.330	ug/l	99
78) n-propylbenzene	12.67	91	1050953	45.088	ug/l	100
79) 2-Chlorotoluene	12.75	91	600196	46.151	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	757634	45.970	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	67650	47.934	ug/l	97
82) 4-Chlorotoluene	12.85	91	627919	46.259	ug/l	100
83) tert-Butylbenzene	13.07	119	655623	45.084	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	771012	46.495	ug/l	97
85) sec-Butylbenzene	13.25	105	899858	45.021	ug/l	100
86) p-Isopropyltoluene	13.37	119	842180	45.127	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	449174	47.123	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	444937	47.147	ug/l	100
89) n-Butylbenzene	13.69	91	783778	44.649	ug/l	99
90) Hexachloroethane	13.96	117	163540	48.119	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	413040	49.377	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	33935	54.807	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	296285	49.788	ug/l	99
94) Hexachlorobutadiene	15.11	225	181896	44.608	ug/l	99
95) Naphthalene	15.23	128	584767	59.459	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	266864	56.730	ug/l	98

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

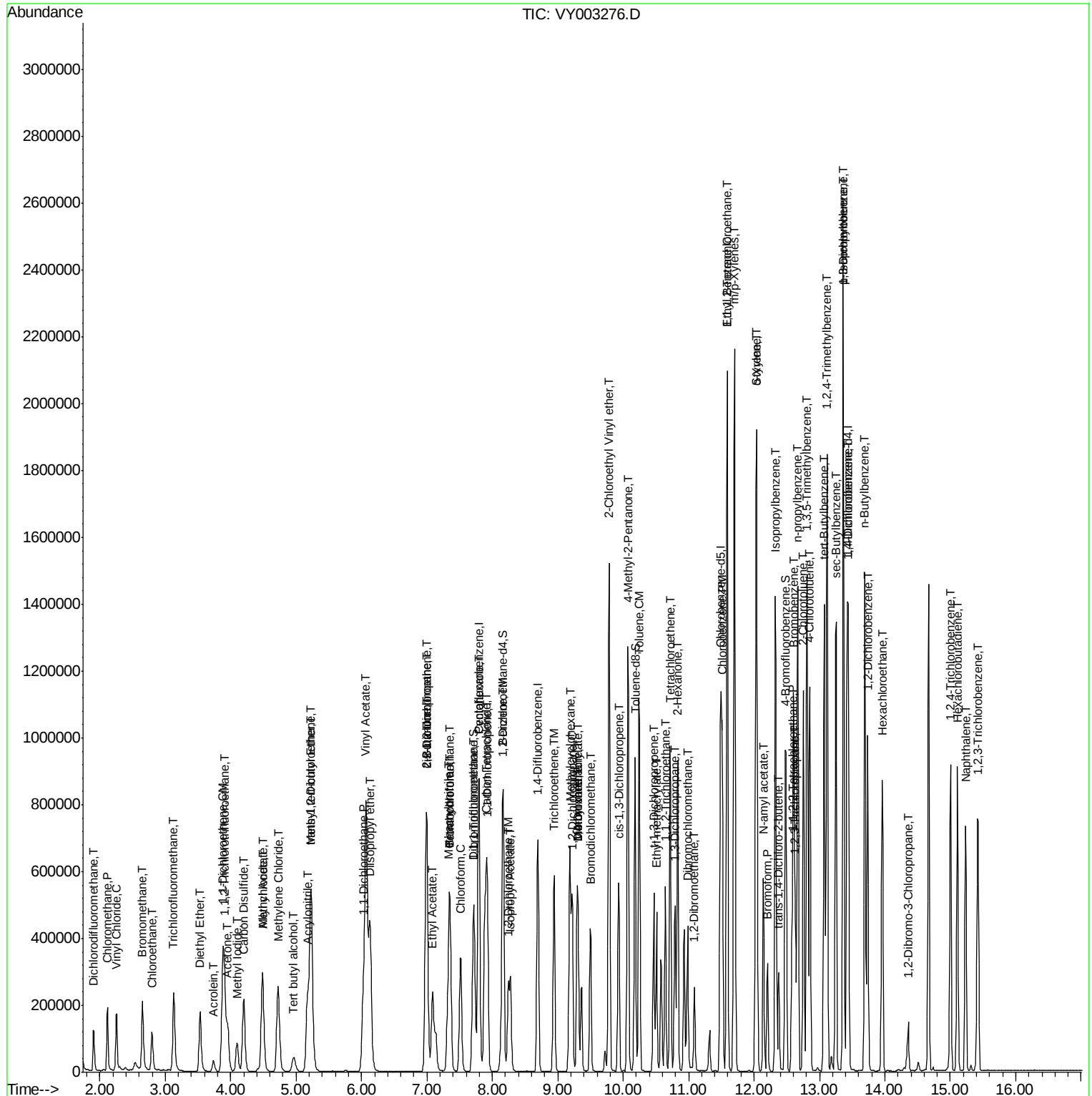
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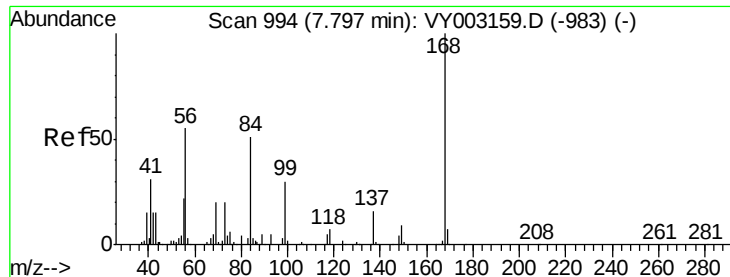
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 384090

Ion Ratio Lower Upper

168 100

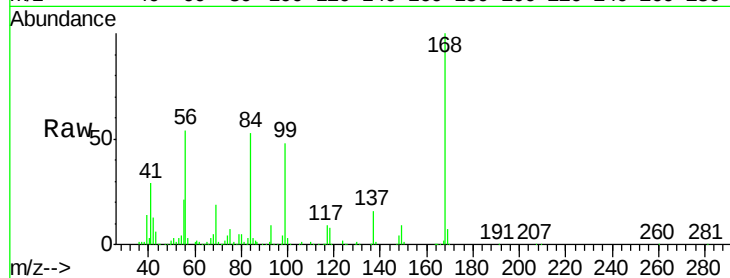
99 47.9 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003276.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003276.D (-945) (-)

7.80

150000

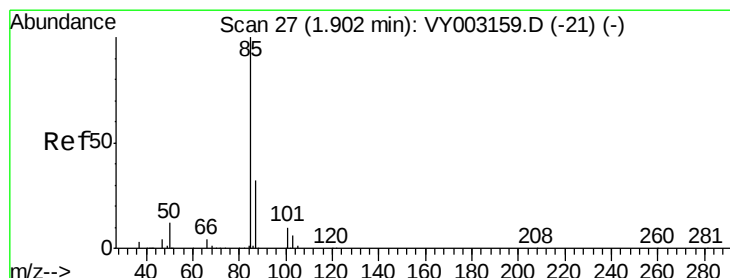
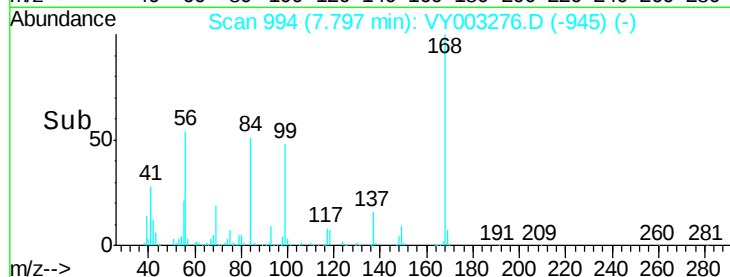
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 38.485 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003276.D

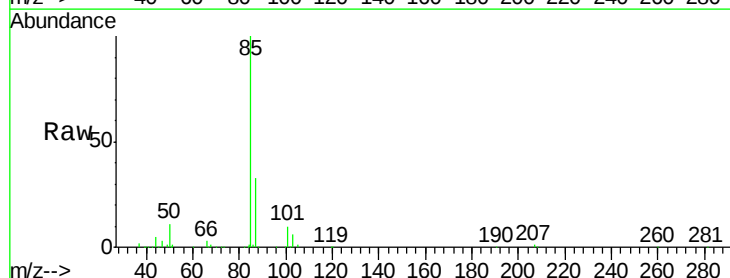
Acq: 22 Jul 2020 02:01

Tgt Ion: 85 Resp: 105944

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003276.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003276.D (-1) (-)

1.90

80000

60000

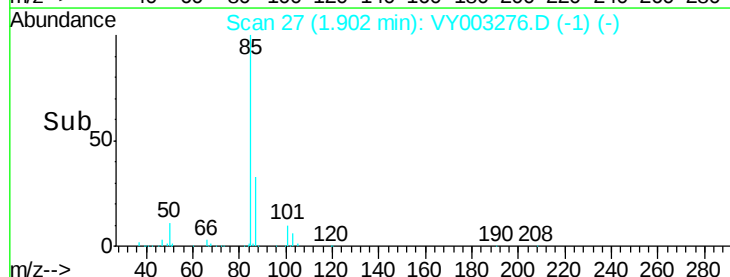
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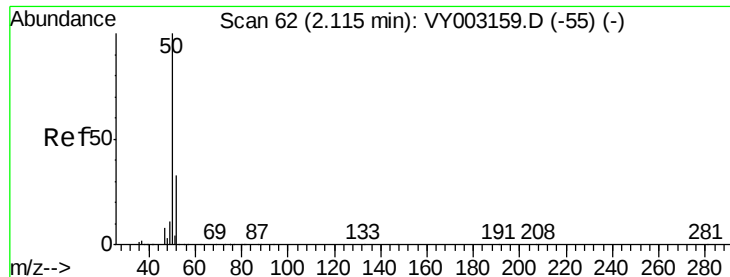
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 44.629 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 170415

Ion Ratio Lower Upper

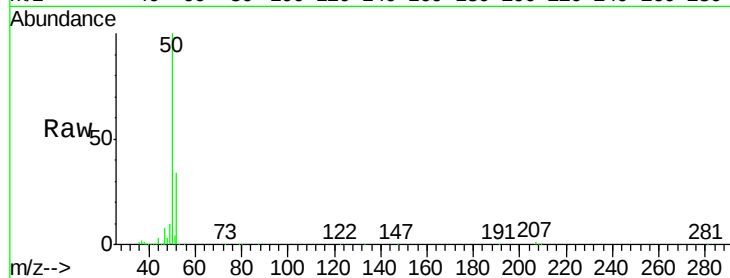
50 100

52 33.9 26.6 39.8

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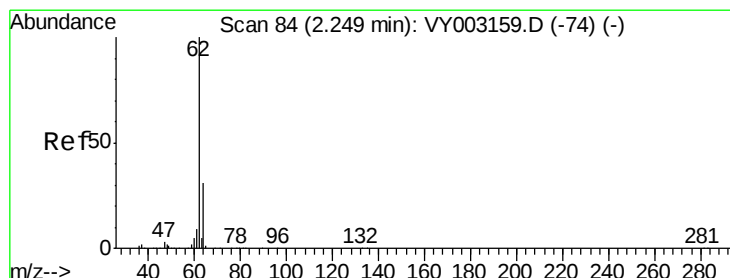
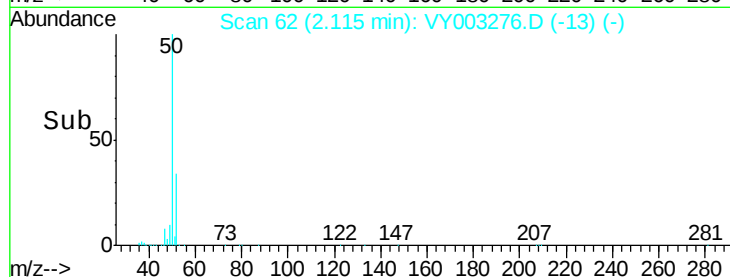
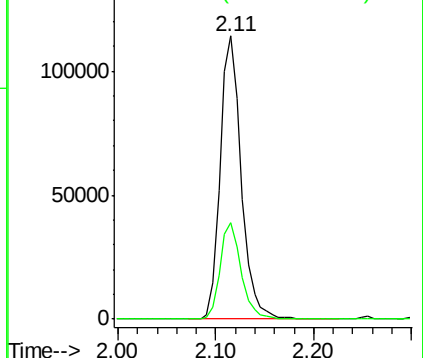
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 43.214 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003276.D

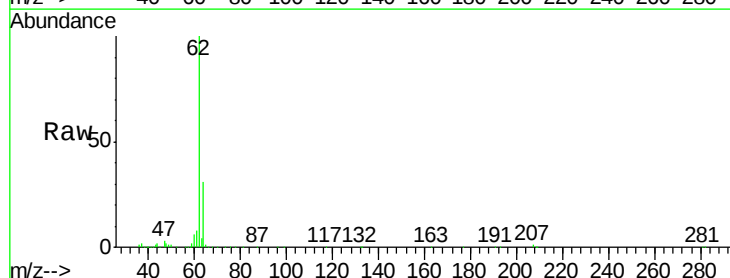
Acq: 22 Jul 2020 02:01

Tgt Ion: 62 Resp: 169304

Ion Ratio Lower Upper

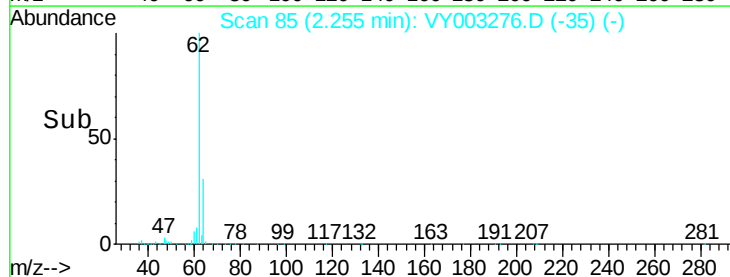
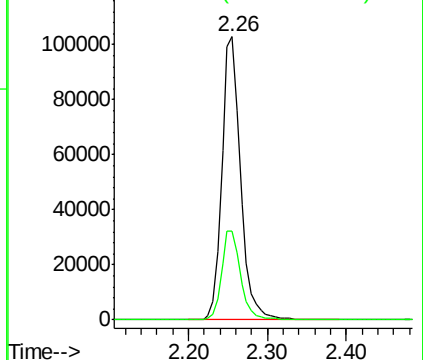
62 100

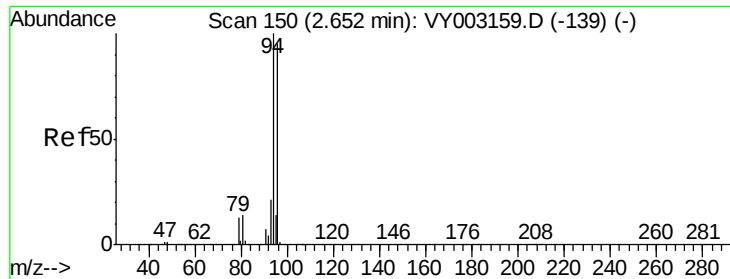
64 31.5 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 51.729 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 150534

Ion Ratio Lower Upper

94 100

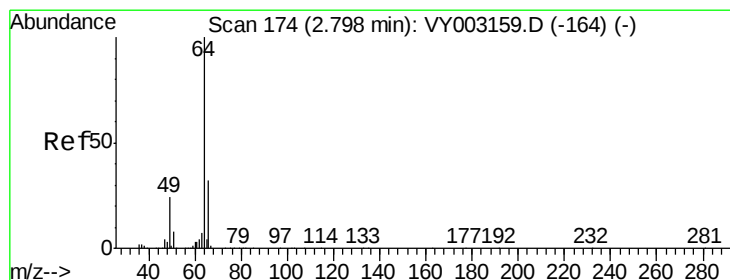
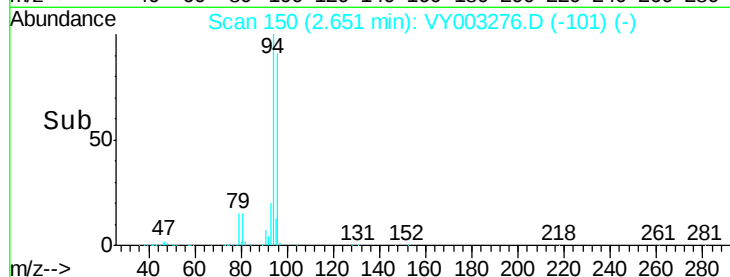
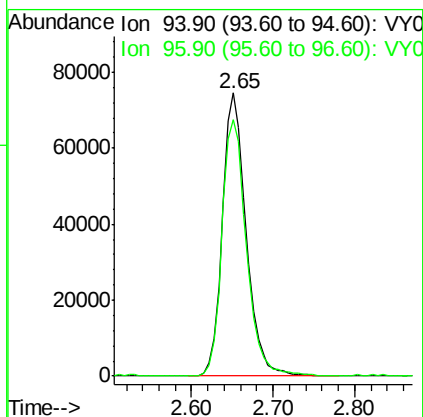
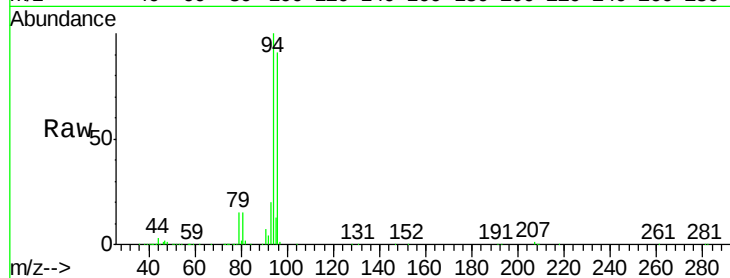
96 90.6 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 45.482 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003276.D

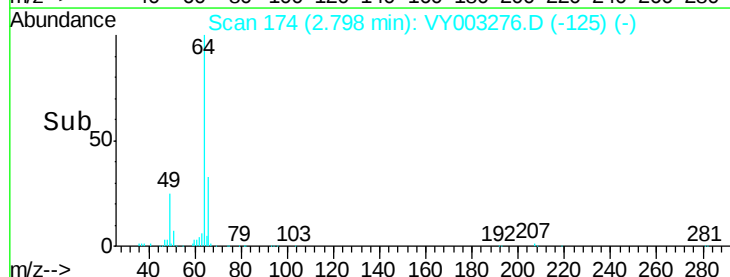
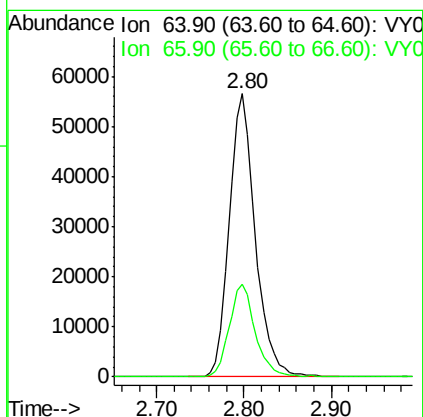
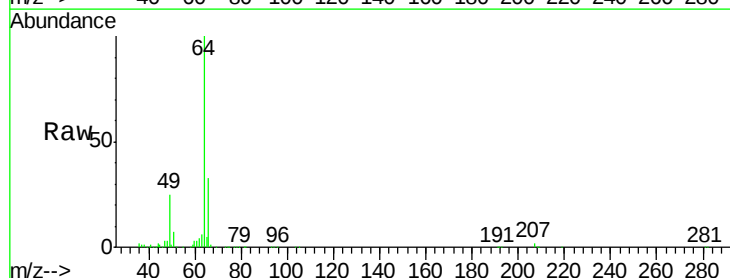
Acq: 22 Jul 2020 02:01

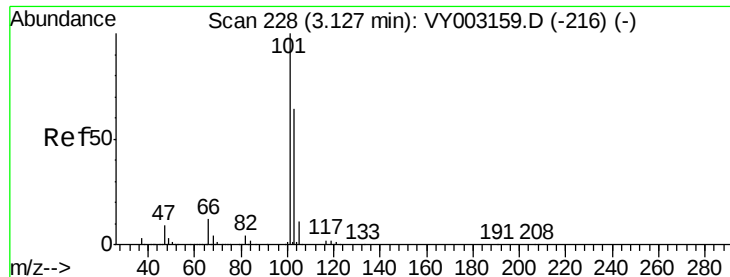
Tgt Ion: 64 Resp: 117037

Ion Ratio Lower Upper

64 100

66 32.7 26.0 39.0





#7

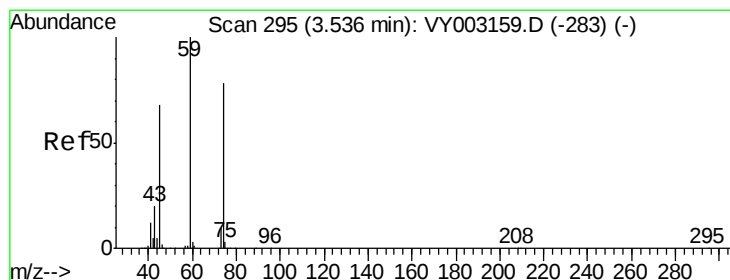
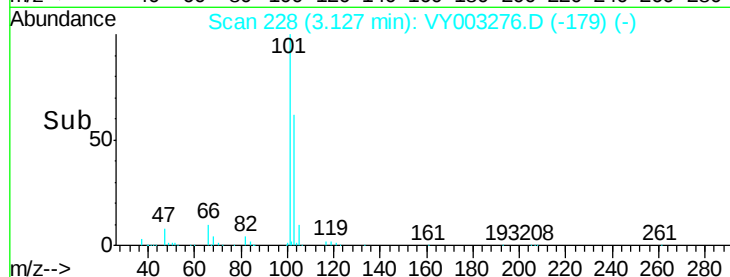
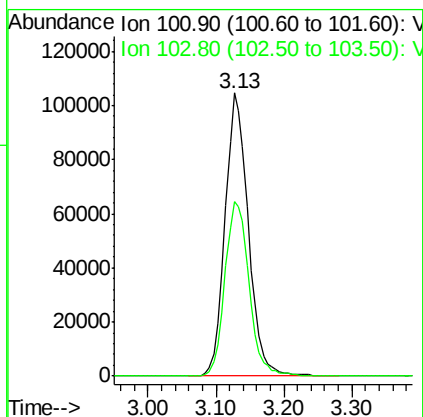
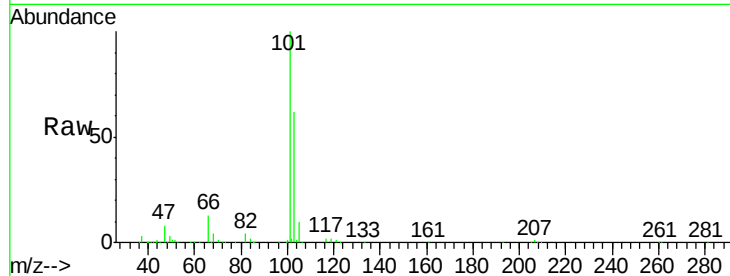
Trichlorofluoromethane
 Concen: 44.228 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.8	51.3	76.9

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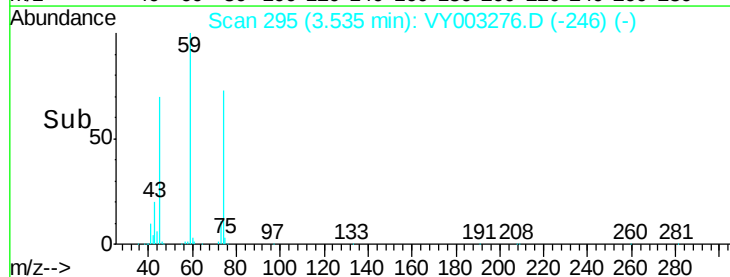
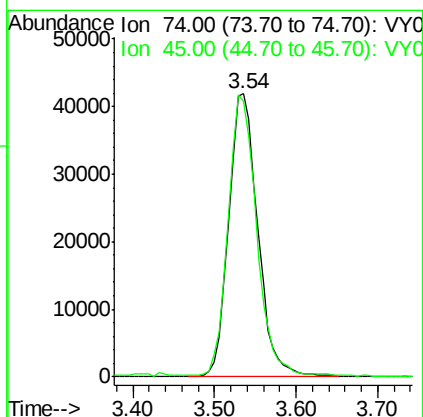
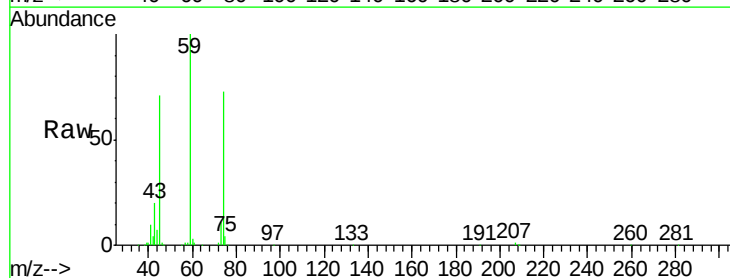
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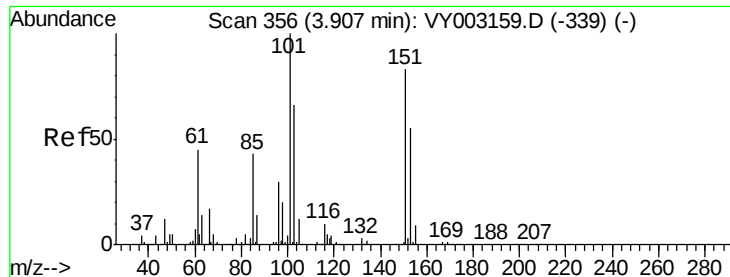


#8

Diethyl Ether
 Concen: 54.961 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.4	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.104 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

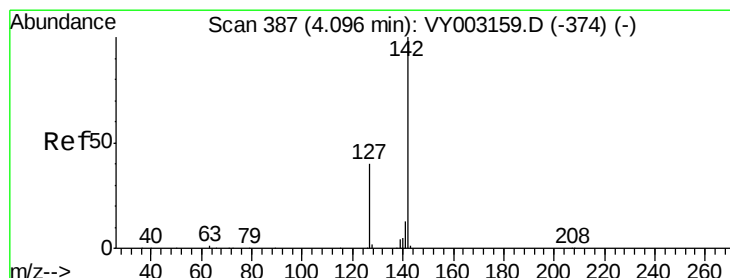
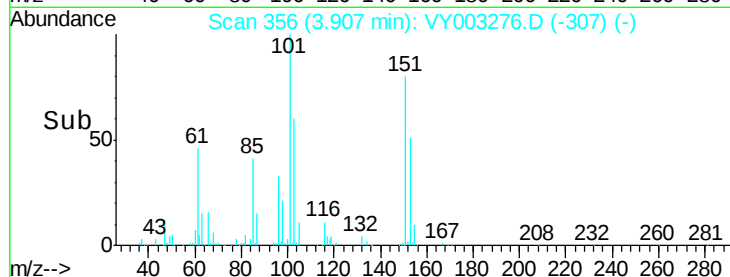
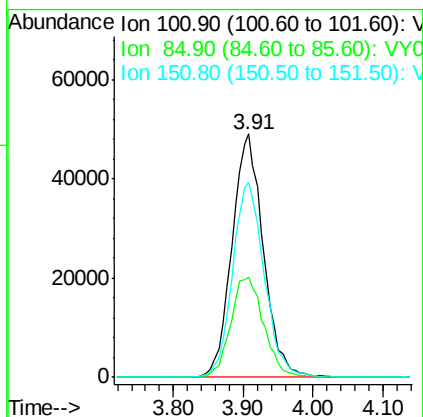
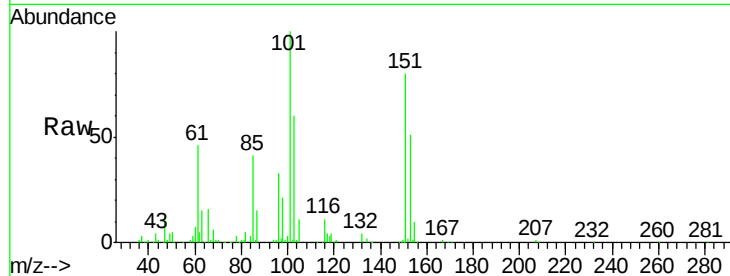
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	152413
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	81.2	67.0	100.6

Manual Integrations
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#10

Methyl Iodide

Concen: 38.674 ug/l

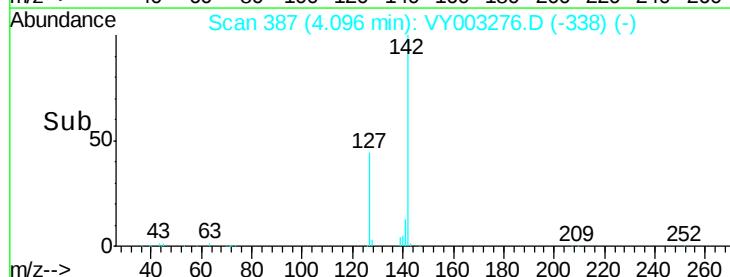
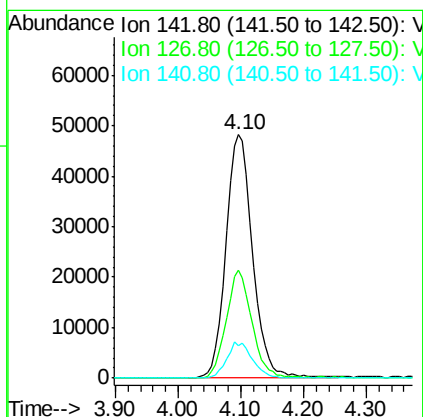
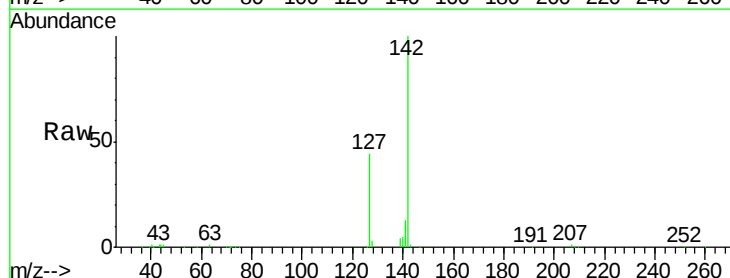
RT: 4.10 min Scan# 387

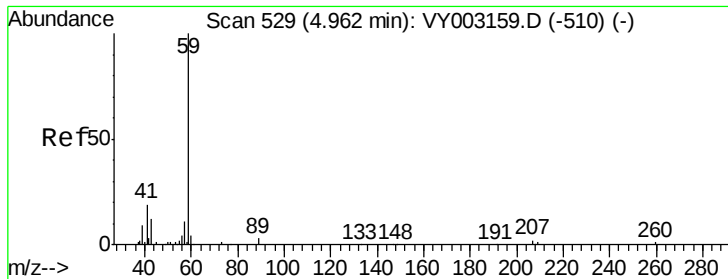
Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Tgt Ion:	142	Resp:	141980
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.5	50.3
141	14.4	11.2	16.8





#11

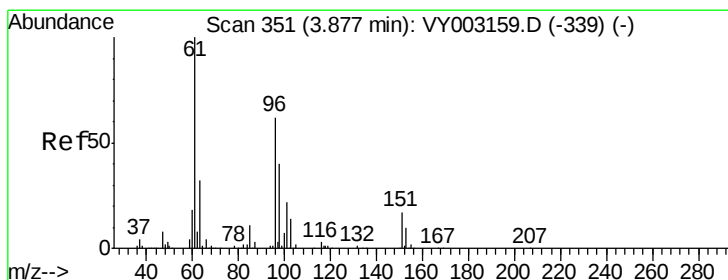
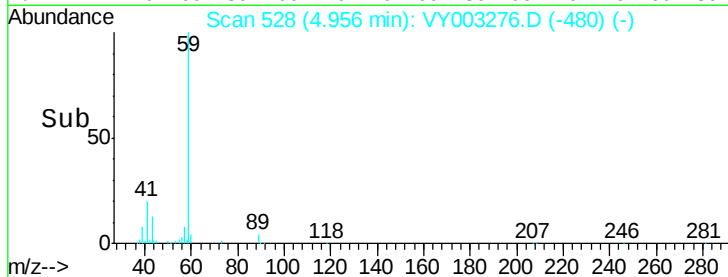
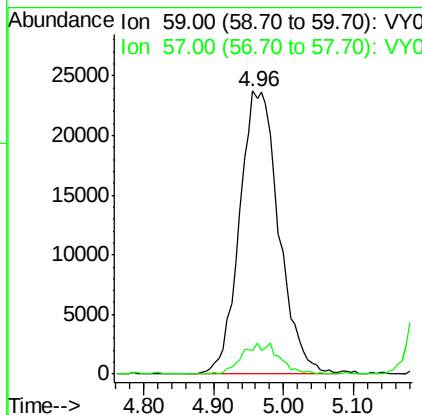
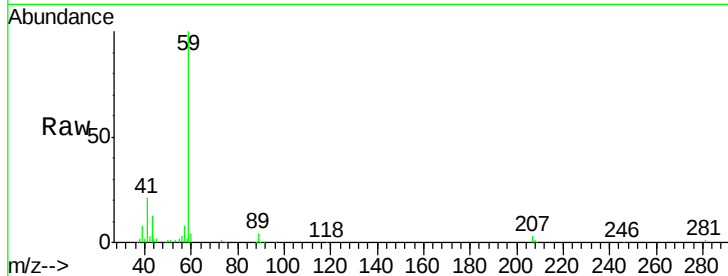
Tert butyl alcohol
 Concen: 264.794 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.3	8.4	12.6

Manual Integrations
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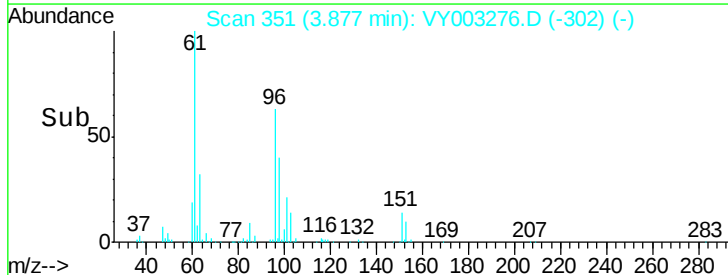
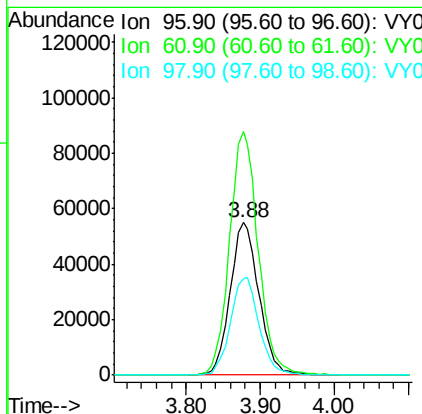
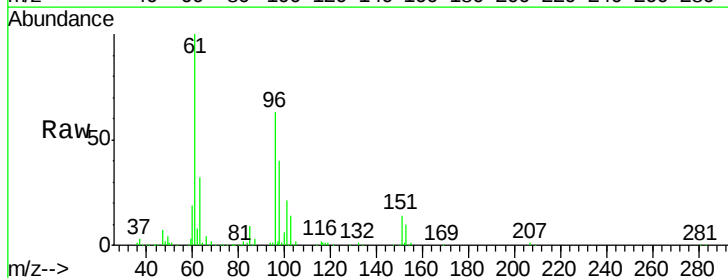
MMDadoda
 7/22/2020 2:43:31 PM

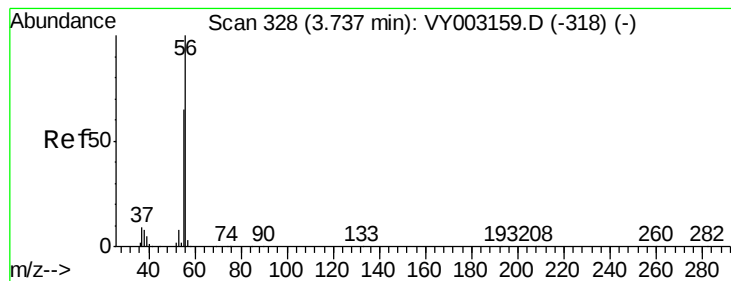


#12

1,1-Dichloroethene
 Concen: 46.762 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	159.6	128.6	193.0
98	98	63.1	51.6	77.4





#13

Acrolein

Concen: 126.511 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 38493

Ion Ratio Lower Upper

56 100

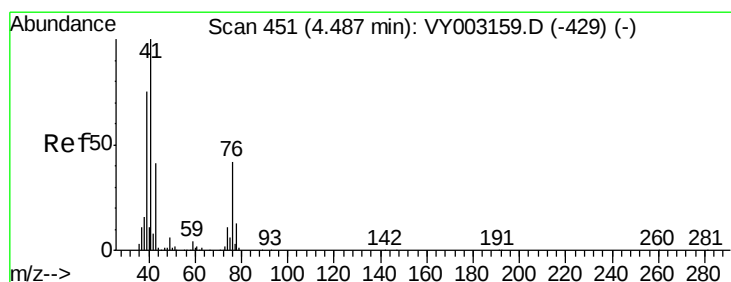
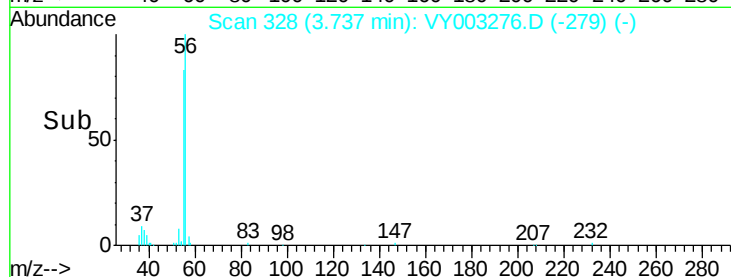
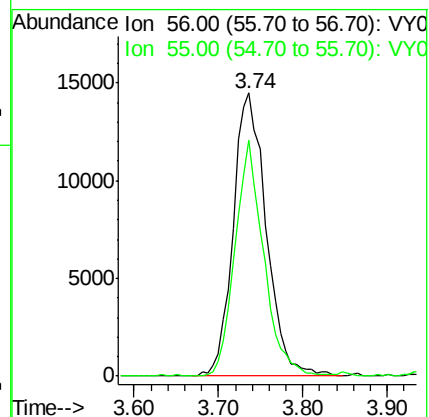
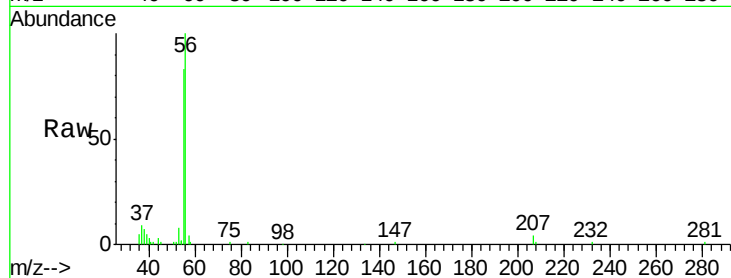
55 72.4 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 54.318 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

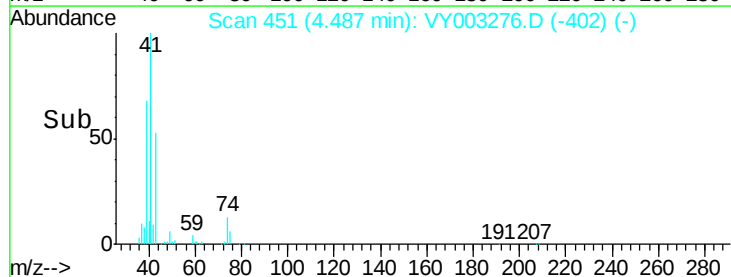
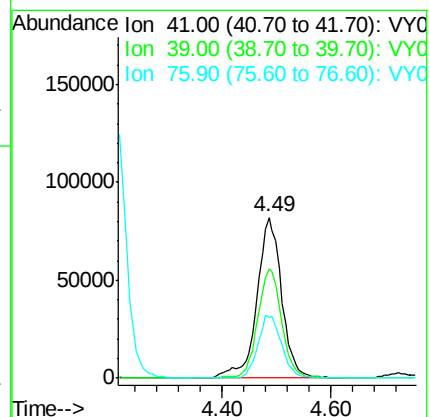
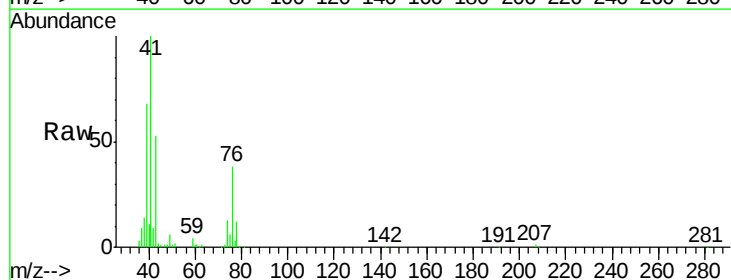
Tgt Ion: 41 Resp: 257605

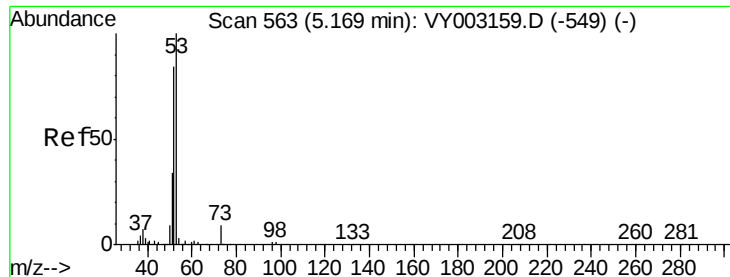
Ion Ratio Lower Upper

41 100

39 65.8 56.6 85.0

76 37.3 31.6 47.4





#15

Acrylonitrile

Concen: 300.446 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

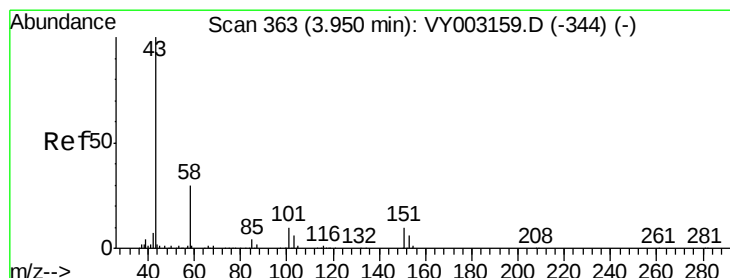
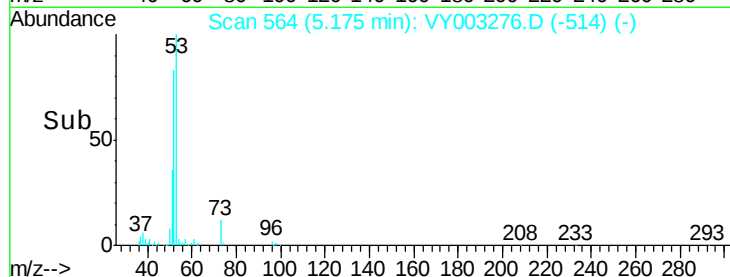
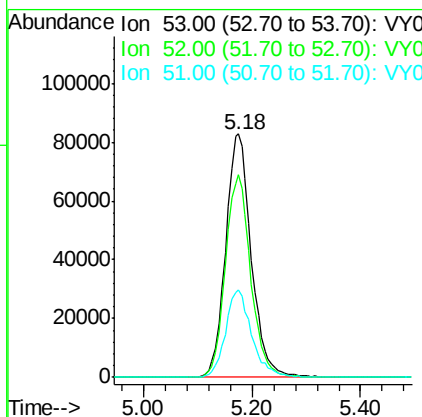
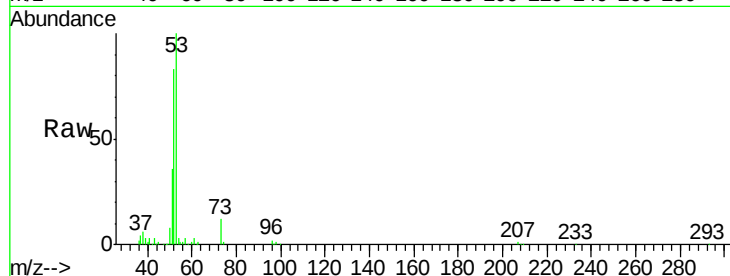
ClientSampleId :

VSTDCCC050EC

Tot Ion	53	Resp	270586
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.8	98.6
51	36.8	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 277.367 ug/l

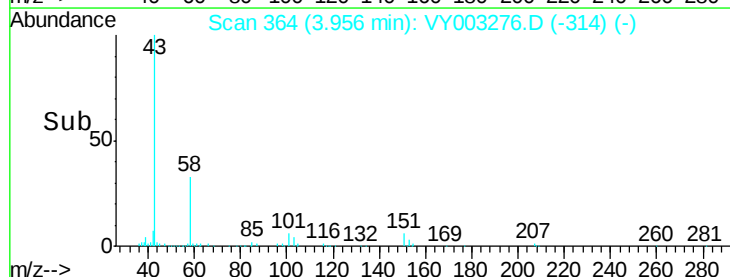
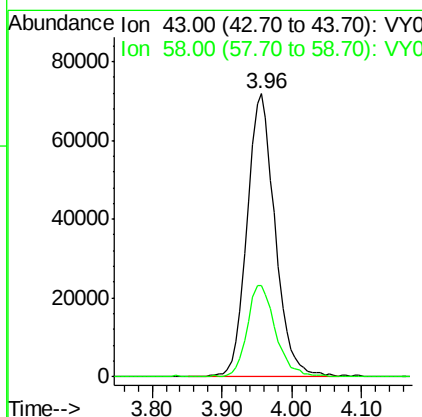
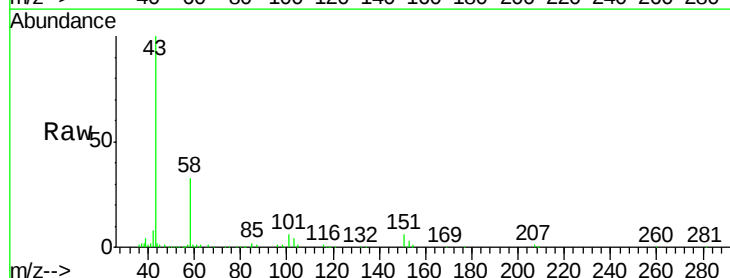
RT: 3.96 min Scan# 364

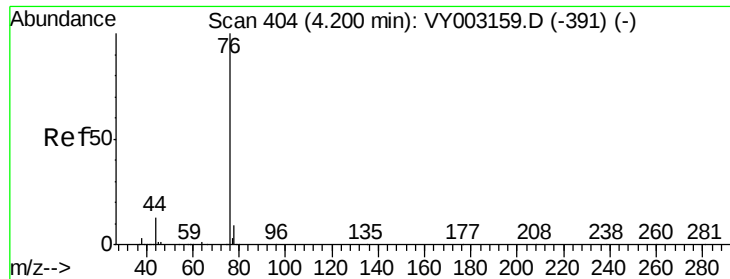
Delta R.T. 0.01 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Tgt Ion	43	Resp	200851
Ion	Ratio	Lower	Upper
43	100		
58	32.3	23.8	35.6





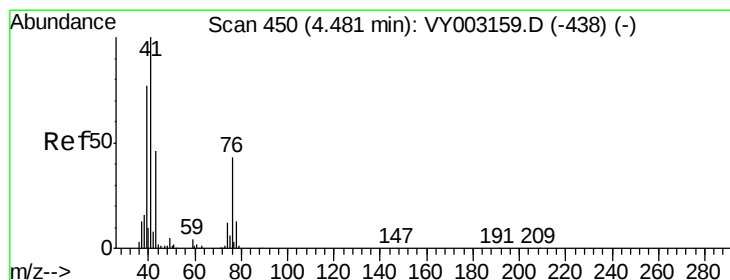
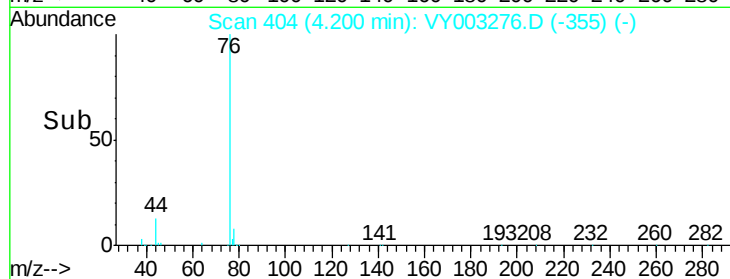
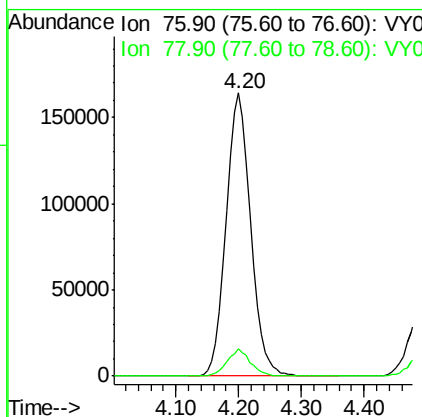
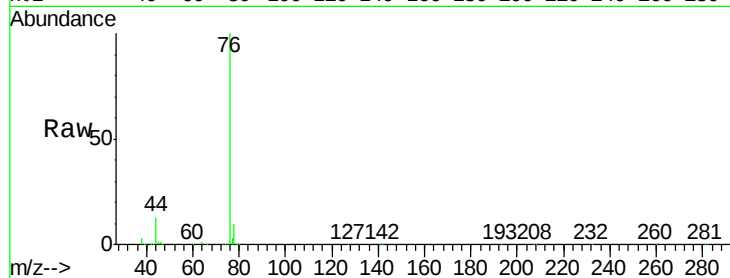
#17
Carbon Disulfide
Concen: 45.412 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9

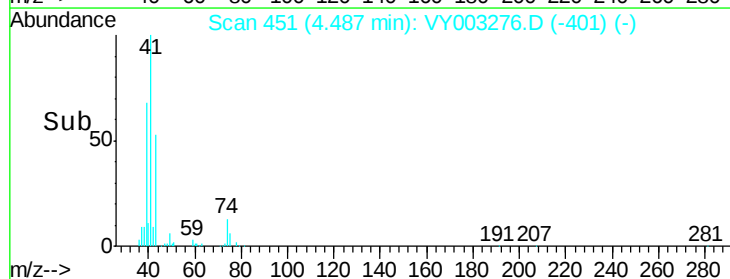
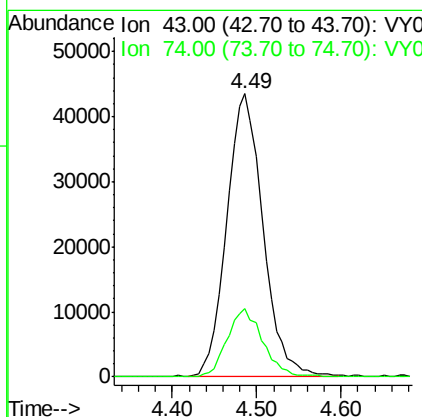
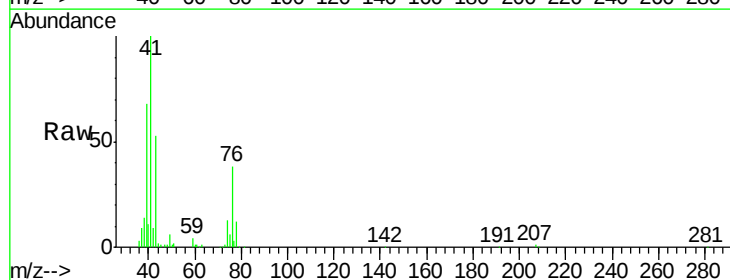
Manual Integrations
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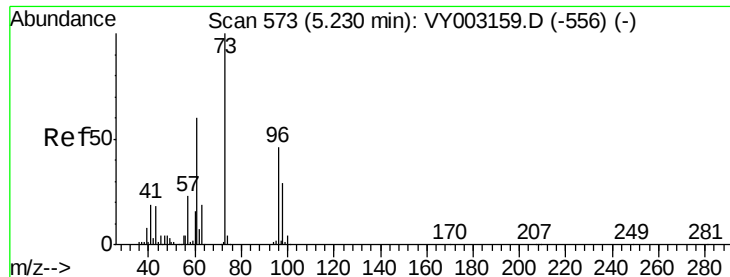
MMDadoda
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#18
Methyl Acetate
Concen: 63.390 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	20.8	31.2





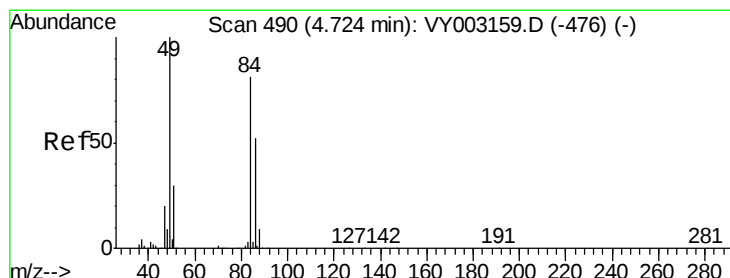
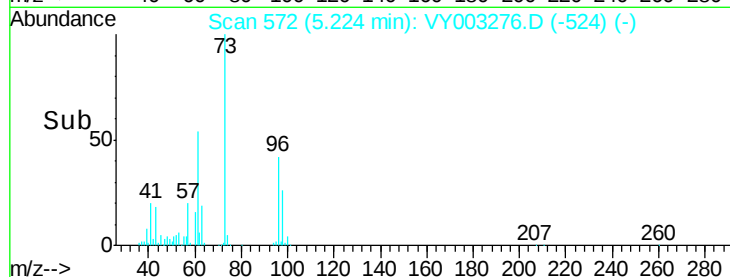
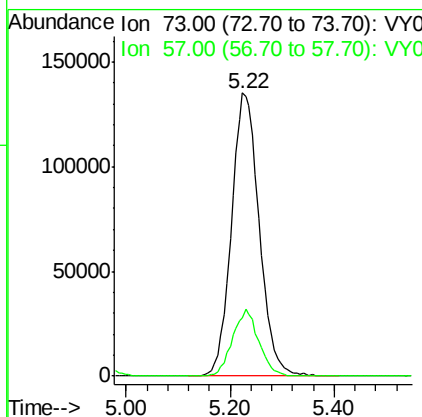
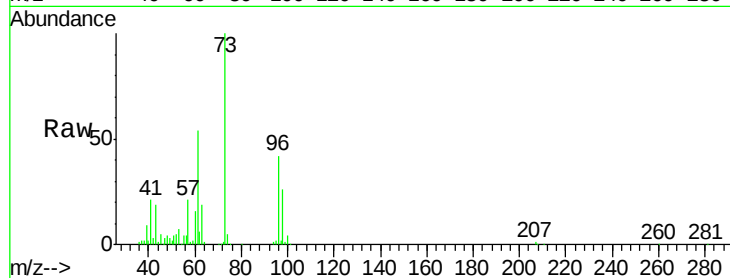
#19
Methvl tert-butvl Ether
Concen: 55.992 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	18.1	27.1

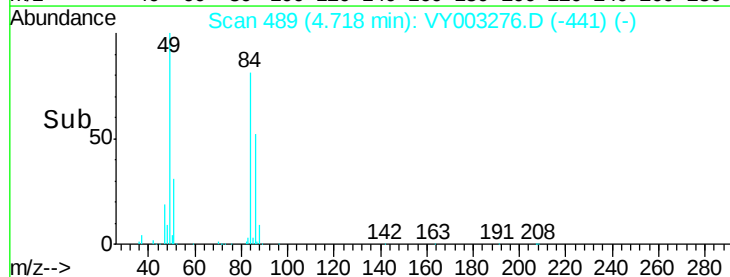
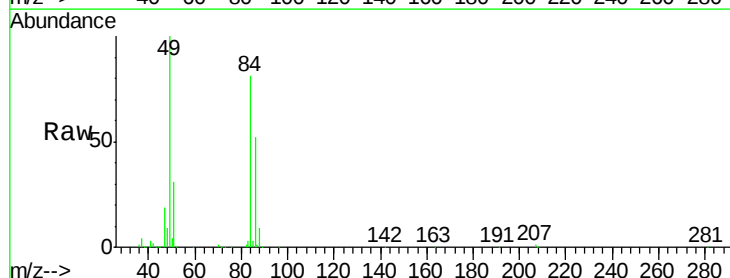
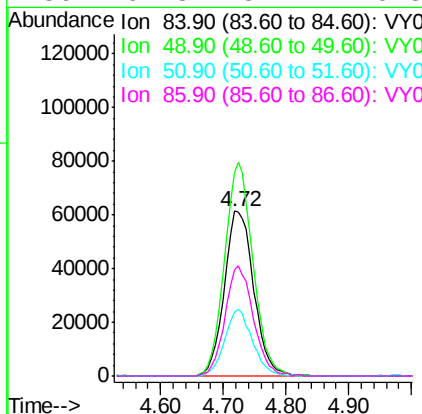
Manual Integrations
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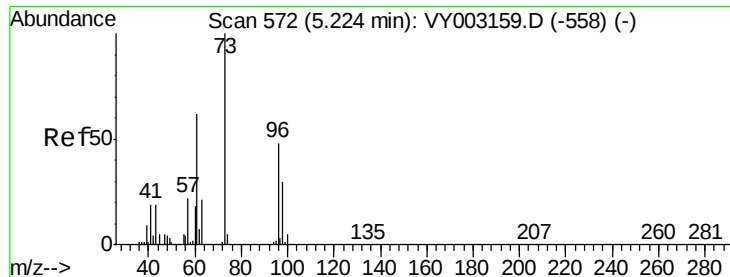
MMDadoda
7/22/2020 2:43:31 PM



#20
Methylene Chloride
Concen: 55.487 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.4	98.2	147.4
51	38.8	29.8	44.6
86	64.8	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 48.467 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 175209

Ion Ratio Lower Upper

96 100

61 128.7 102.5 153.7

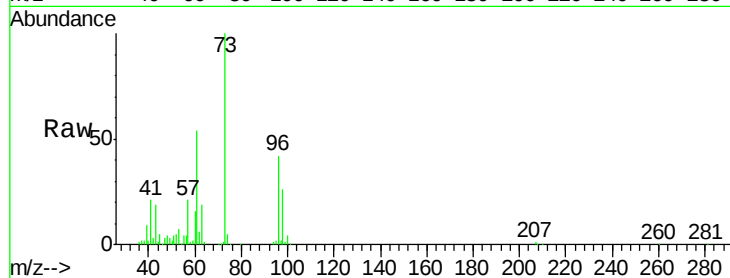
98 61.1 49.8 74.8

Manual Integrations

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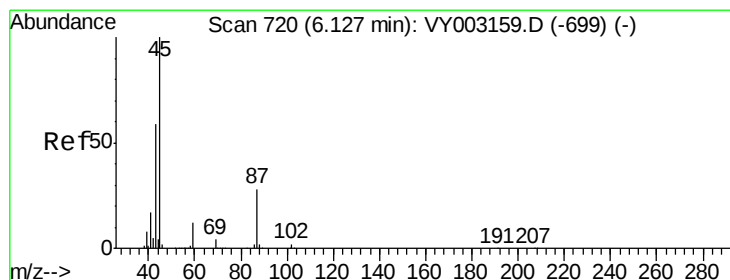
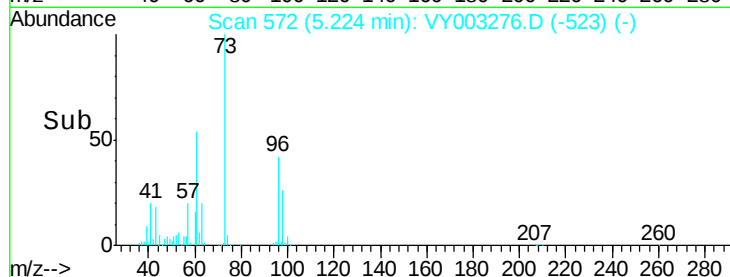
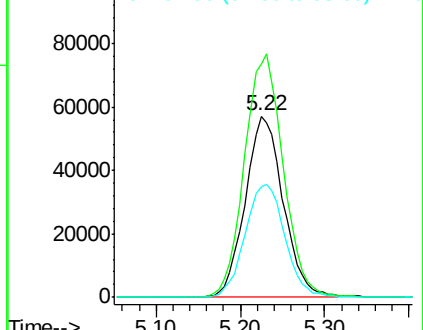


Abundance

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: 58.634 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Tgt Ion: 45 Resp: 617149

Ion Ratio Lower Upper

45 100

43 56.7 47.0 70.4

87 26.9 22.6 33.8

59 11.3 9.8 14.6

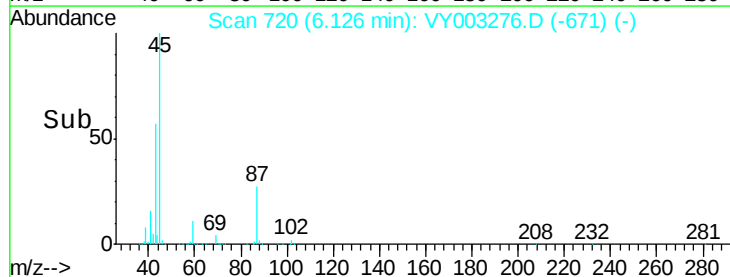
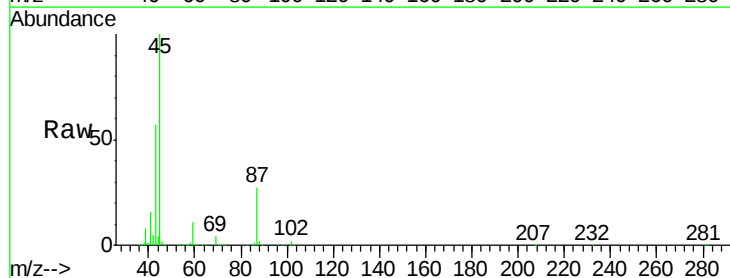
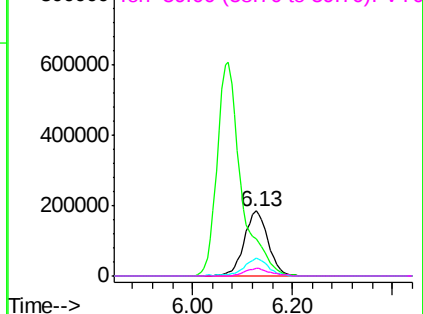
Abundance

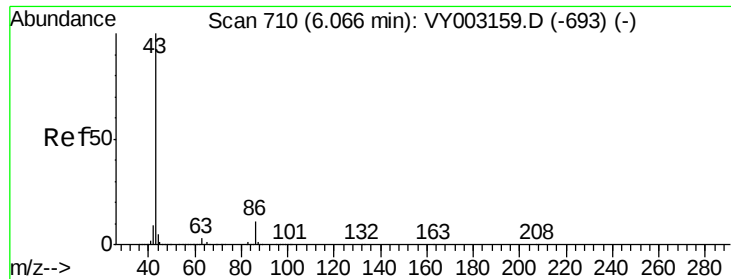
Ion 45.00 (44.70 to 45.70): VY0

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: 288.983 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2027355

Ion Ratio Lower Upper

43 100

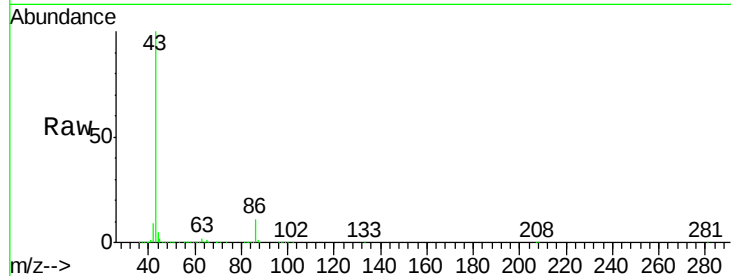
86 10.7 8.8 13.2

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

600000

400000

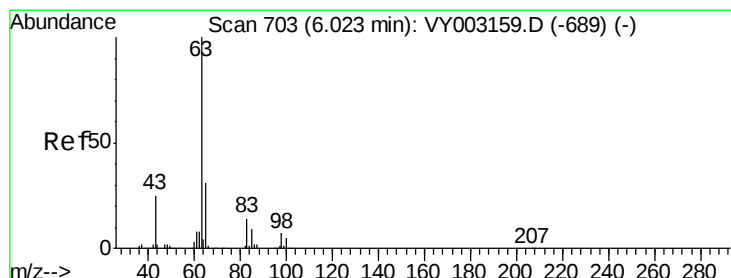
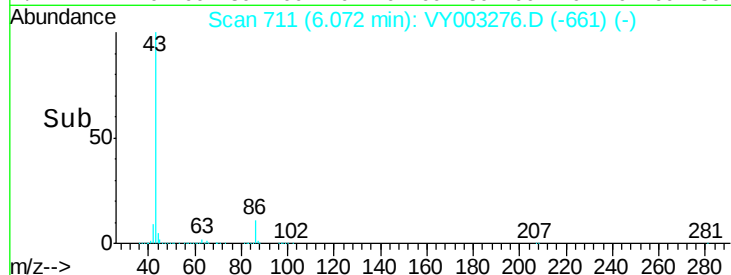
200000

0

6.07

6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 53.845 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

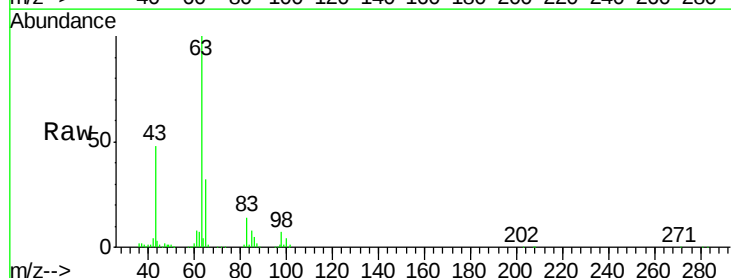
Tgt Ion: 63 Resp: 328344

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.1 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

100000

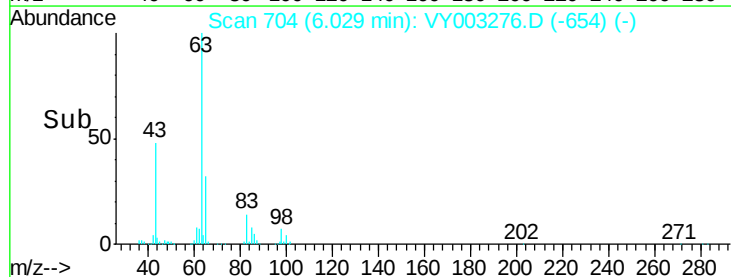
50000

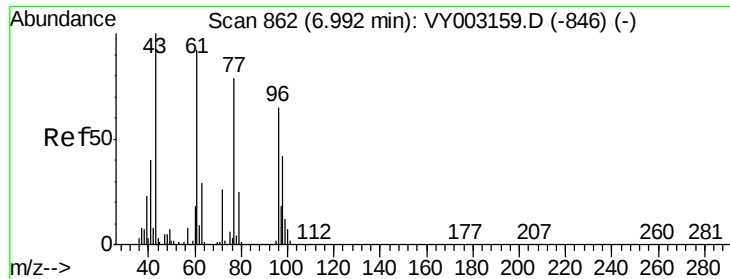
0

6.03

5.90 6.10 6.20

Time-->





#25

2-Butanone

Concen: 298.844 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 355314

Ion Ratio Lower Upper

43 100

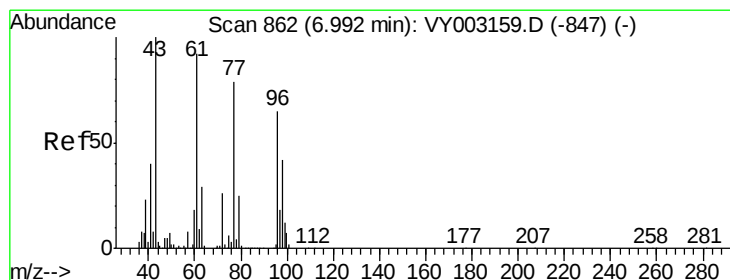
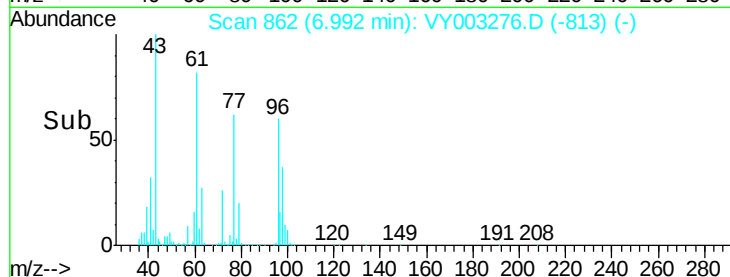
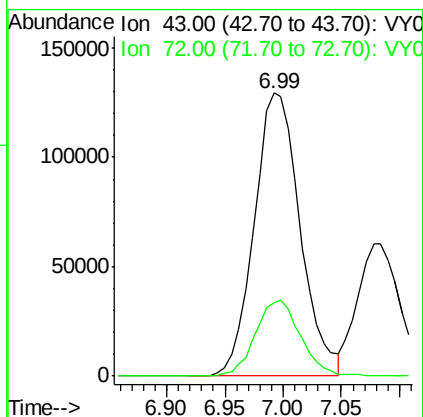
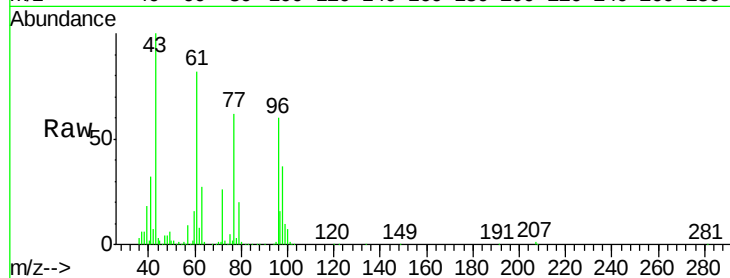
72 26.0 20.9 31.3

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#26

2,2-Dichloropropane

Concen: 44.619 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003276.D

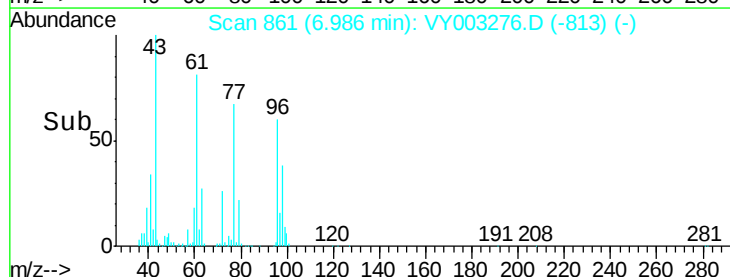
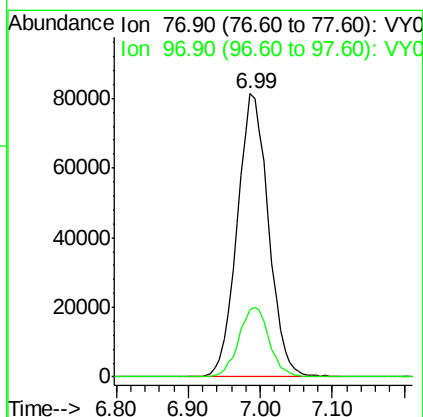
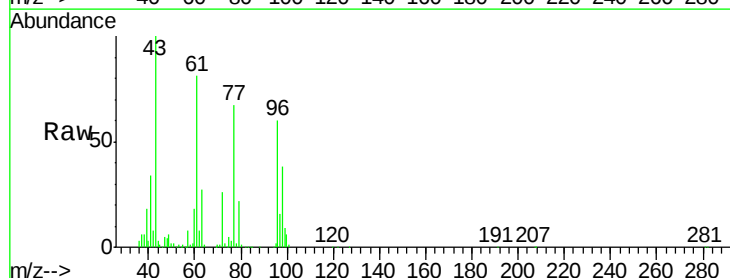
Acq: 22 Jul 2020 02:01

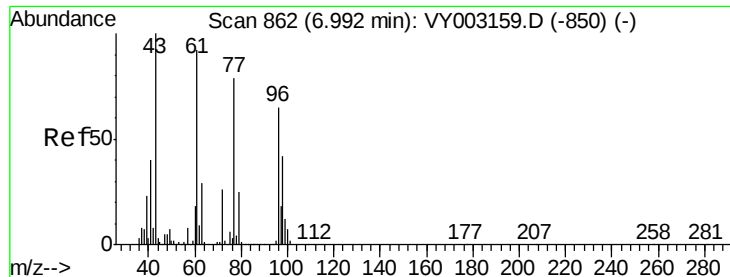
Tgt Ion: 77 Resp: 245031

Ion Ratio Lower Upper

77 100

97 23.9 11.6 34.7





#27

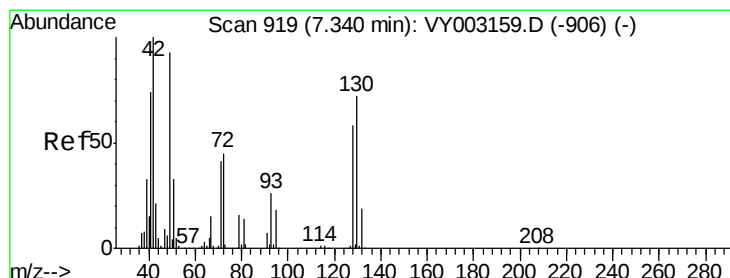
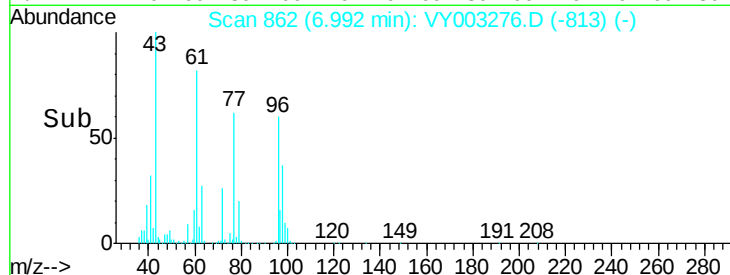
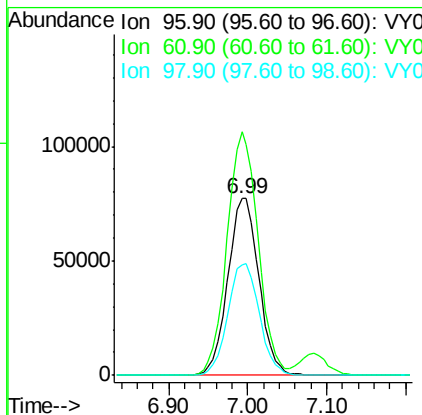
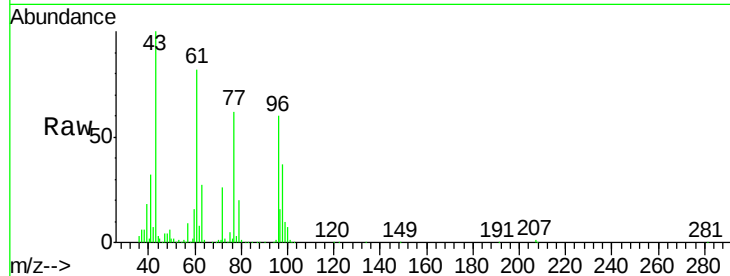
cis-1,2-Dichloroethene
 Concen: 53.151 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	211550		
61	137.4	0.0	281.2	
98	64.2	0.0	129.8	

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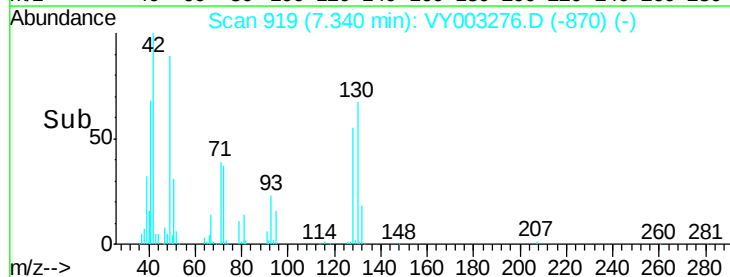
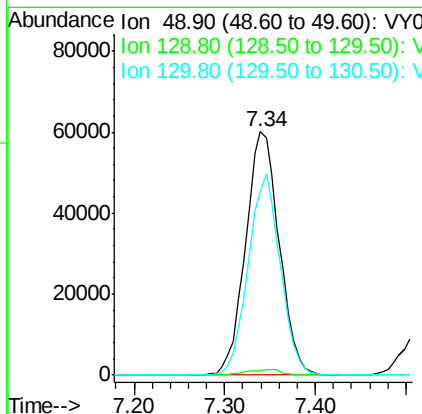
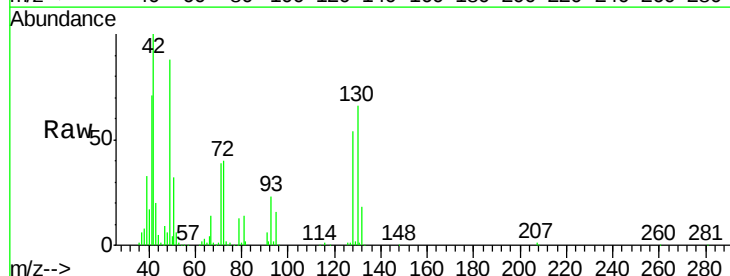
MMDadoda
 7/22/2020 2:43:31 PM

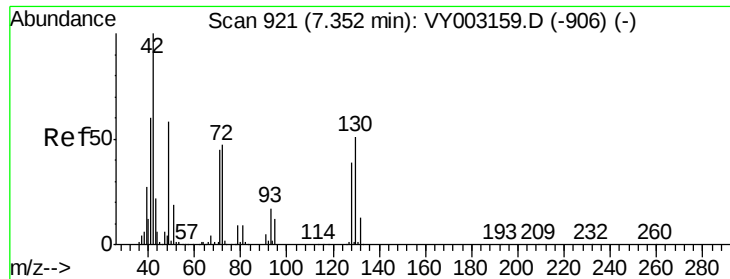


#28

Bromochloromethane
 Concen: 58.387 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	154147		
129	2.4	0.0	5.0	
130	79.0	64.9	97.3	





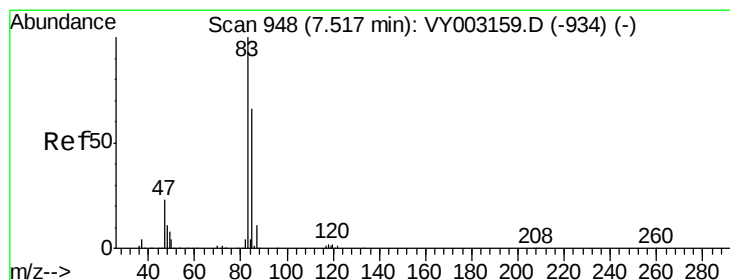
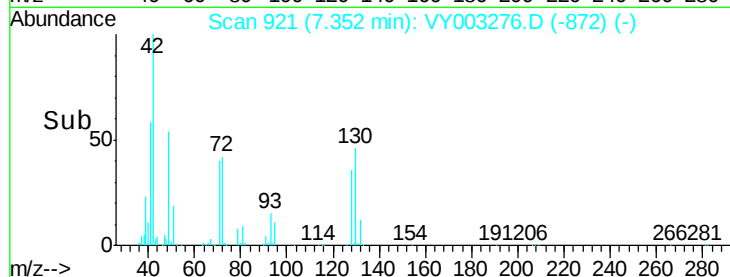
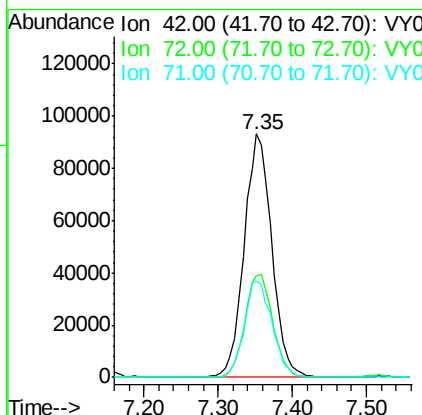
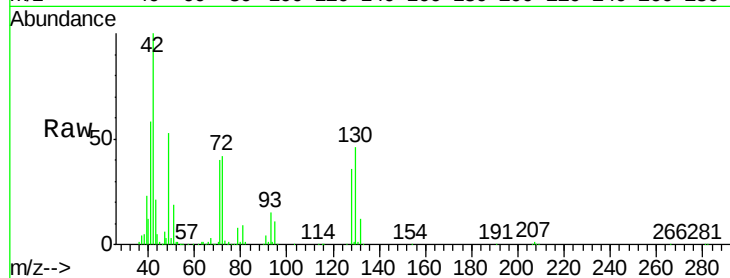
#29
Tetrahydrofuran
Concen: 303.692 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	36.7	55.1
71	40.1	34.2	51.4

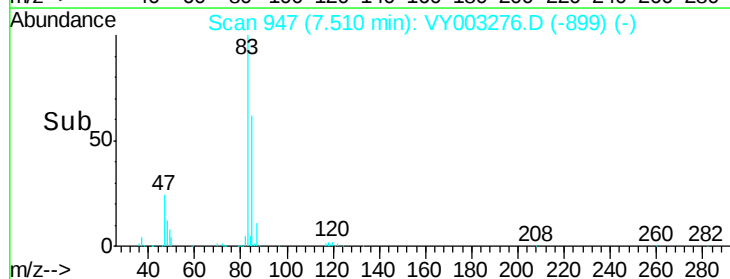
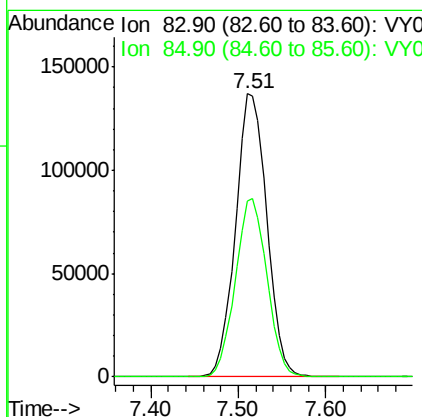
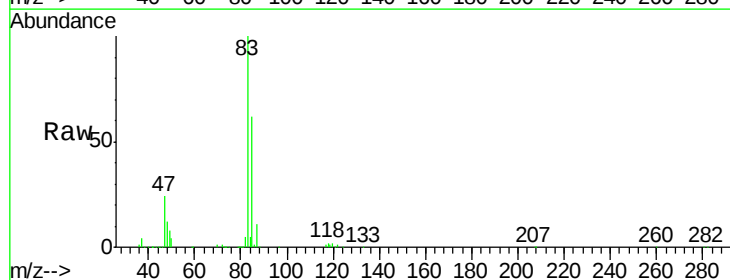
Manual Integrations
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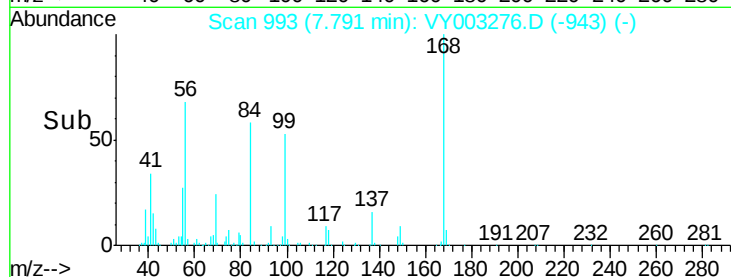
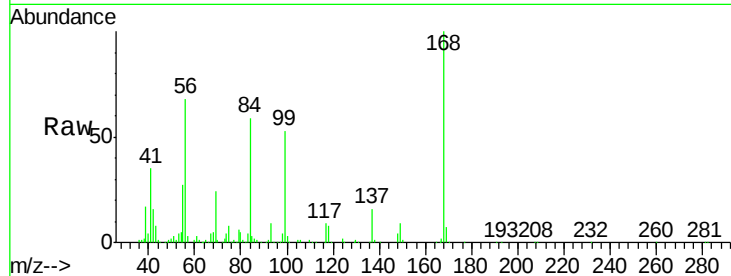
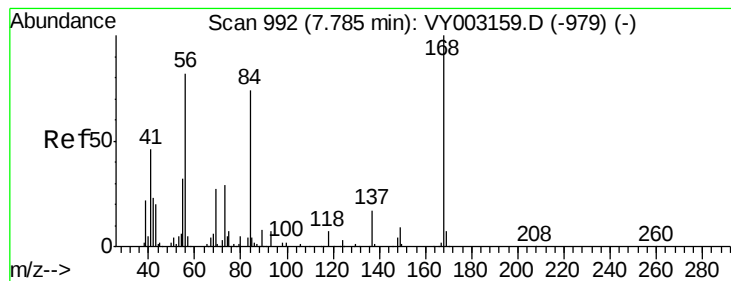
MMDadoda
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#30
Chloroform
Concen: 54.346 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.6	78.8





#31

Cyclohexane

Concen: 44.649 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Tot Ion:	56	Resp:	263279
Ion	Ratio	Lower	Upper
56	100		
69	34.9	26.7	40.1
84	85.8	72.3	108.5

Instrument :

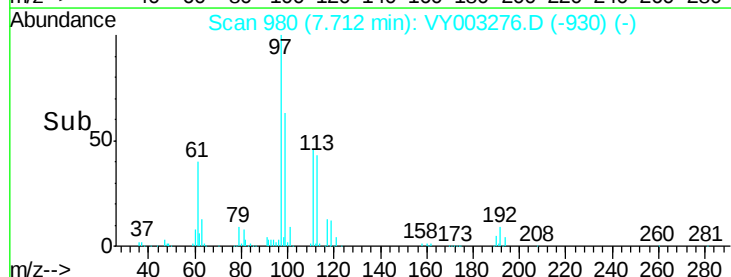
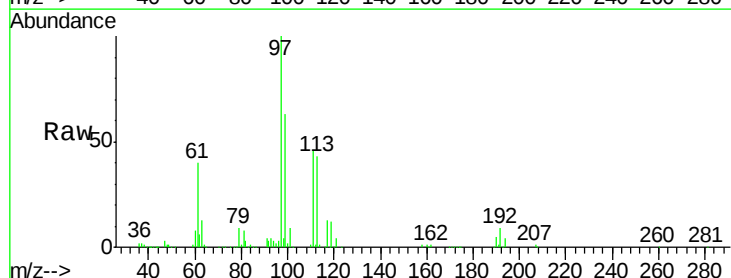
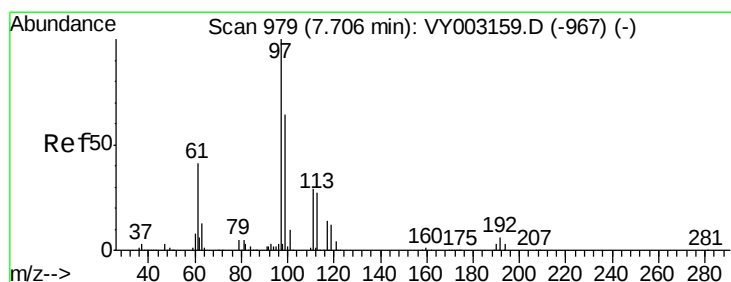
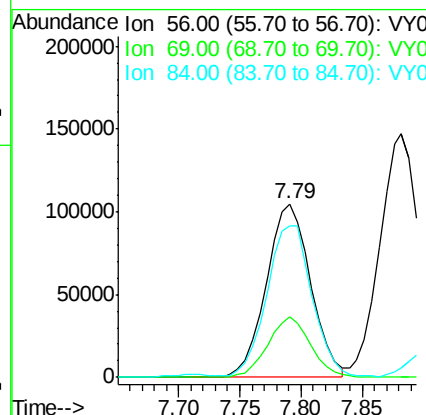
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.256 ug/l

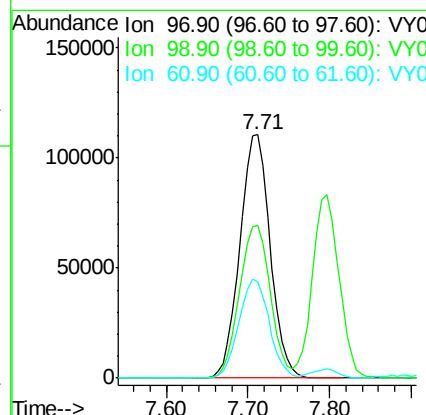
RT: 7.71 min Scan# 980

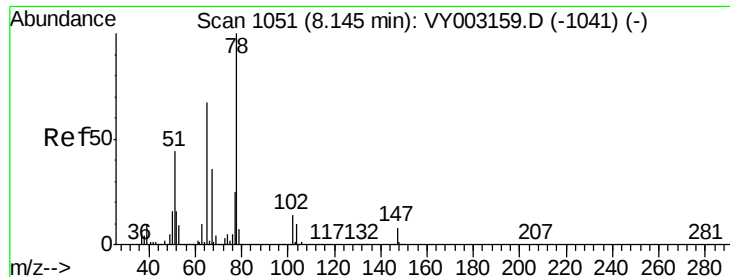
Delta R.T. 0.01 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Tgt Ion:	97	Resp:	284152
Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.1	78.1
61	40.9	33.9	50.9





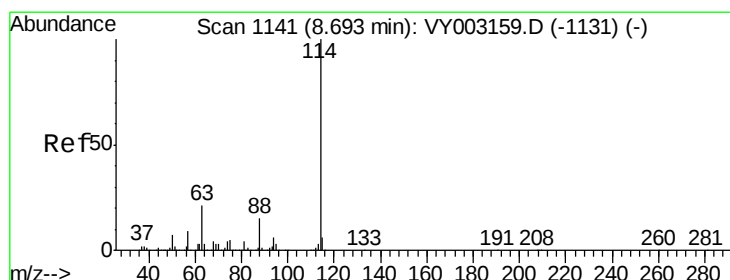
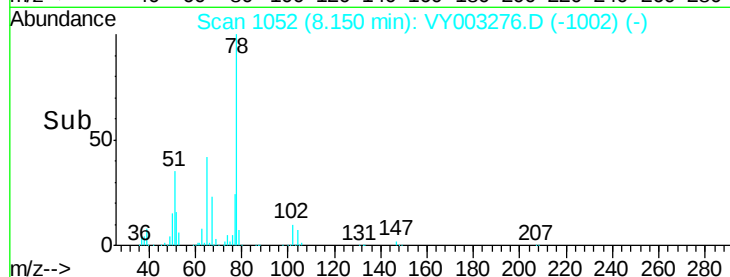
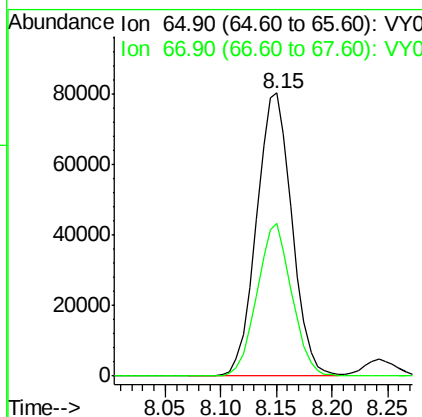
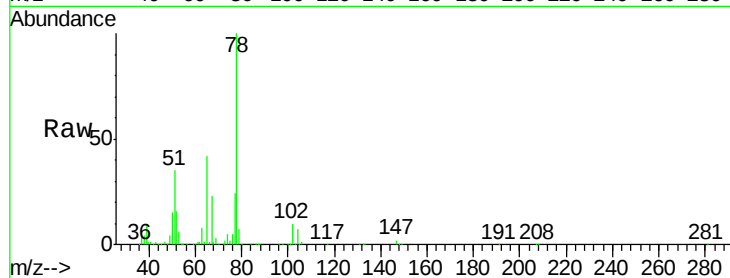
#33
 1,2-Dichloroethane-d4
 Concen: 54.863 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	177858		
67	52.9	0.0	105.2	

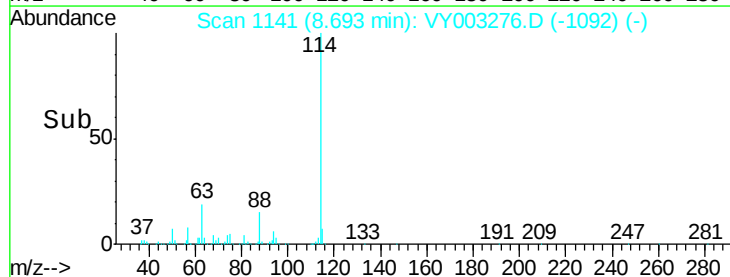
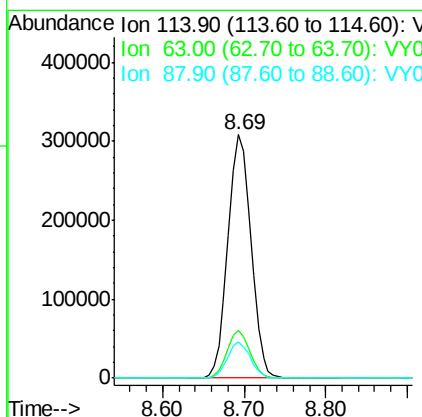
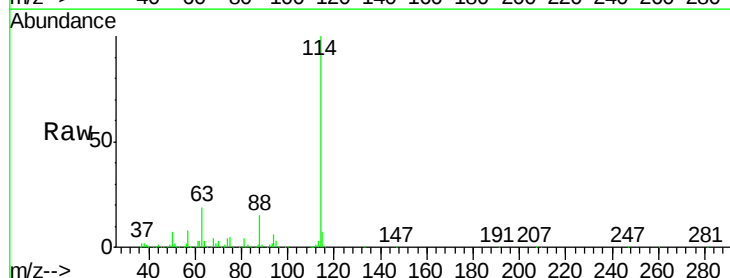
Manual Integrations
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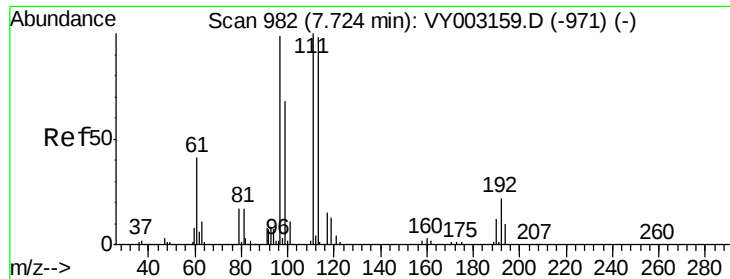
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 7/22/2020 2:43:31 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	600796		
63	19.4	0.0	41.2	
88	15.1	0.0	30.2	





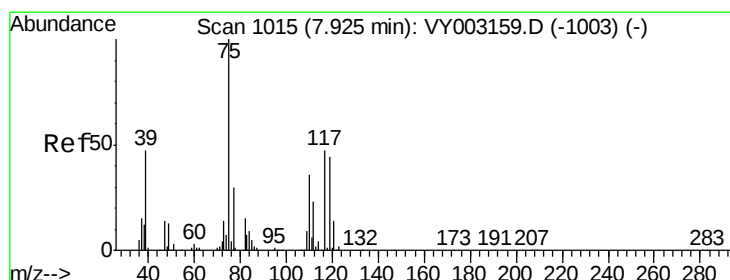
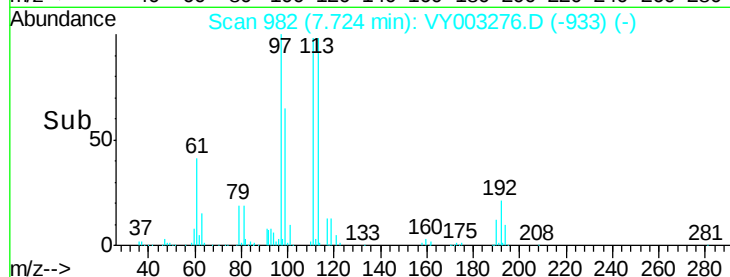
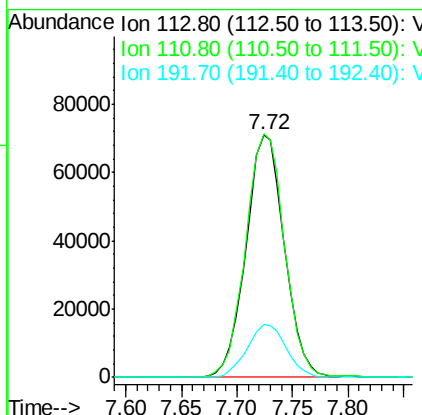
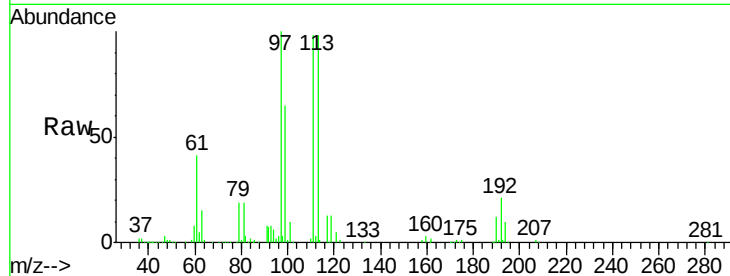
#35
 Dibromofluoromethane
 Concen: 49.270 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	170348		
111	101.7	82.1	123.1	
192	22.2	18.8	28.2	

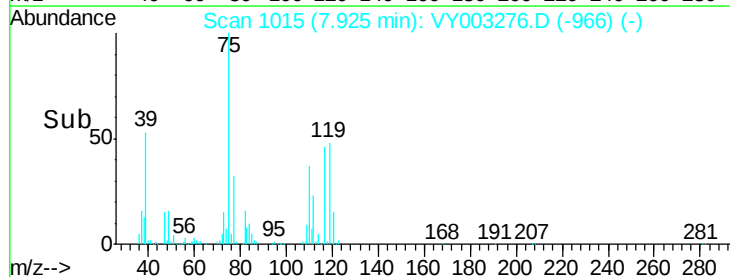
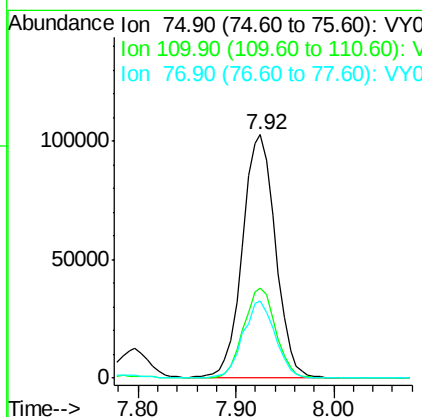
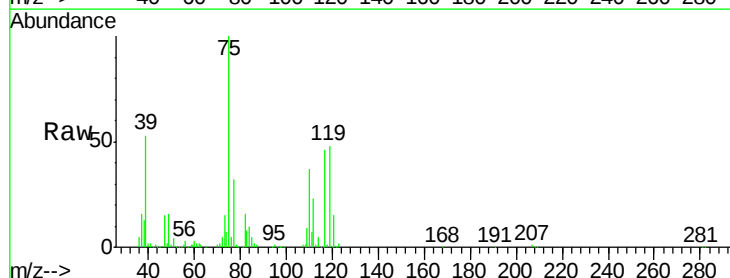
Manual Integrations
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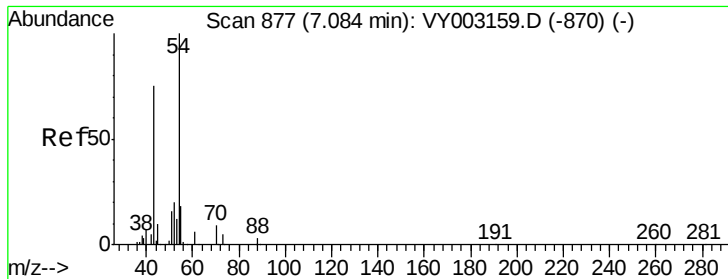
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 43.964 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	239395		
110	36.0	18.1	54.1	
77	31.3	24.8	37.2	





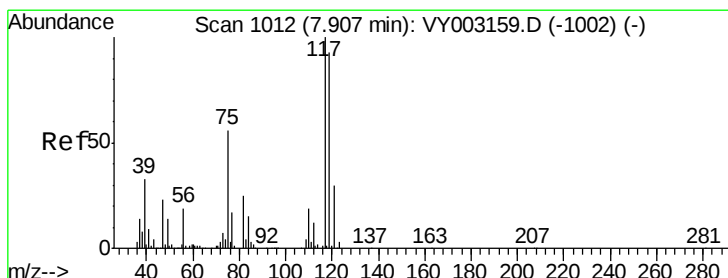
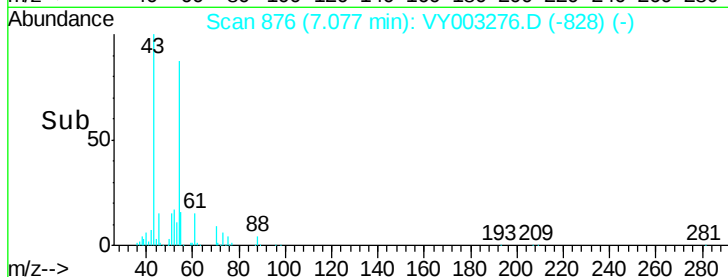
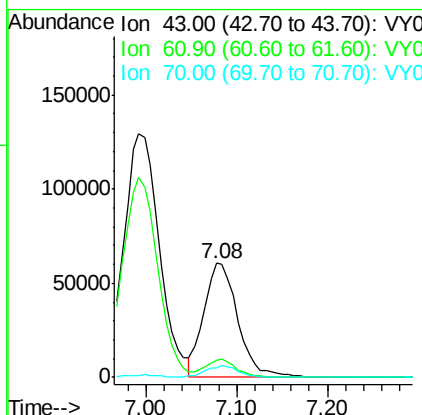
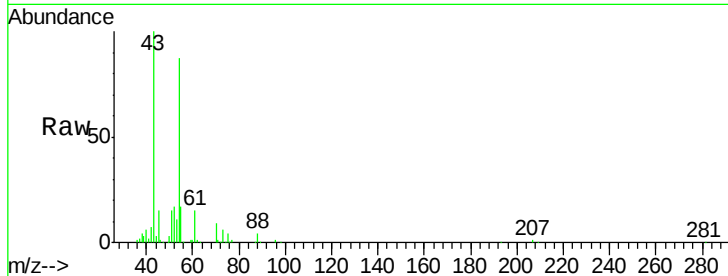
#37
Ethyl Acetate
Concen: 53.840 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.8	17.6
70	9.9	8.6	13.0

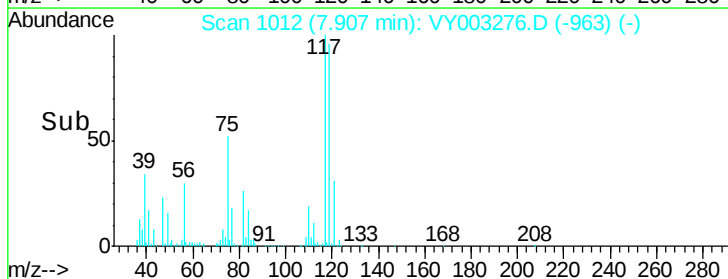
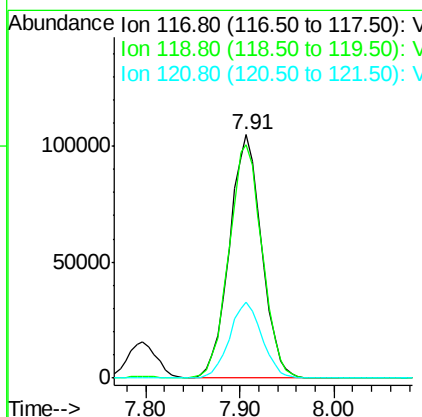
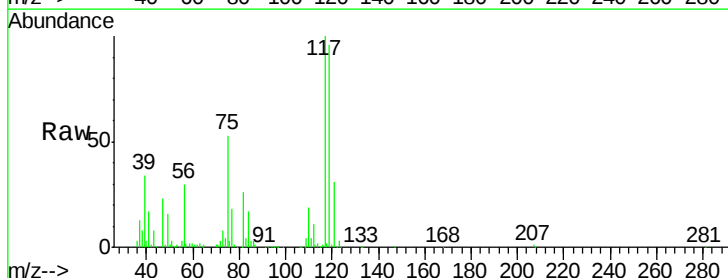
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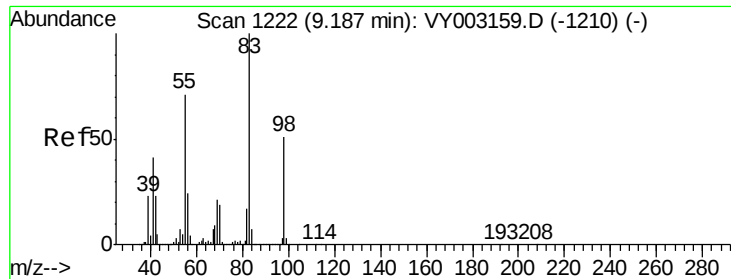
MMDadoda
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#38
Carbon Tetrachloride
Concen: 44.279 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	74.5	111.7
121	31.1	24.2	36.2





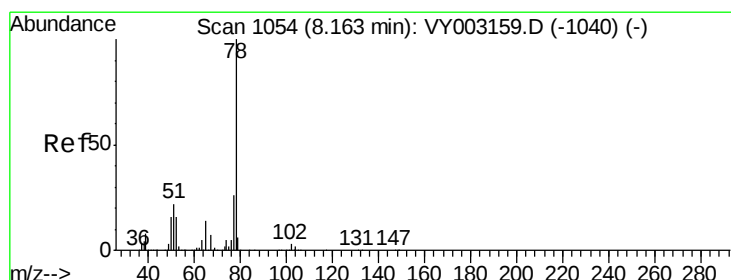
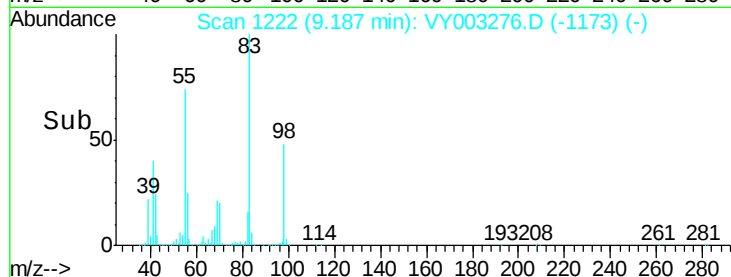
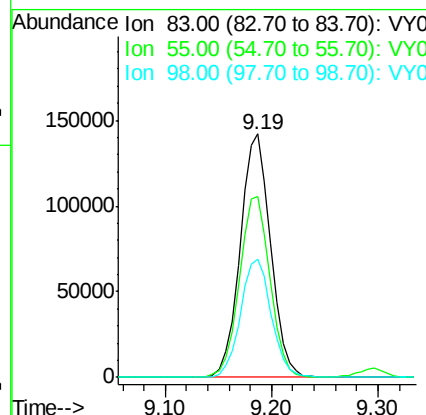
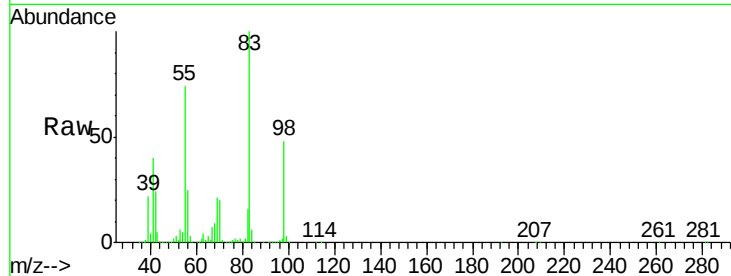
#39
Methylvlcyclohexane
Concen: 41.661 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	284978
Ion Ratio	Lower	Upper	
83	100		
55	74.3	57.2	85.8
98	48.4	41.0	61.6

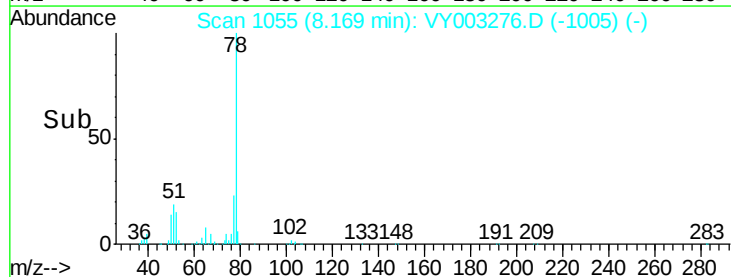
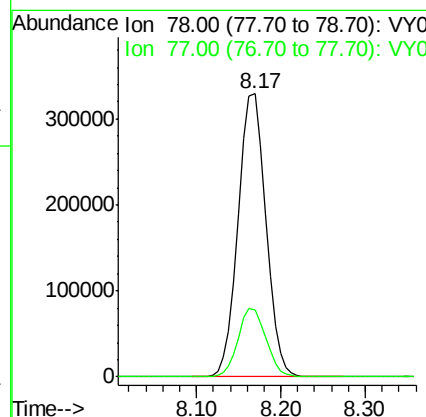
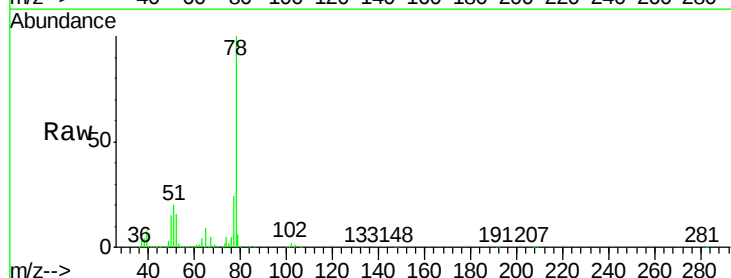
Manual Integrations
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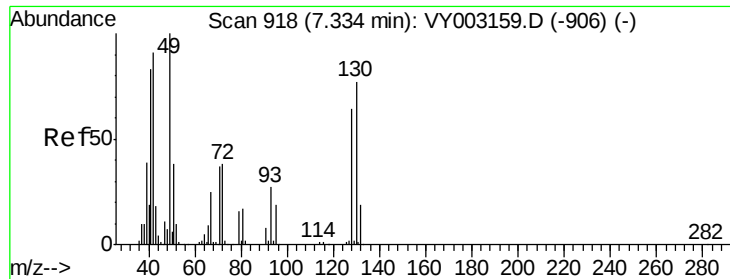
MMDadoda
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#40
Benzene
Concen: 48.825 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion	78	Resp	732043
Ion Ratio	Lower	Upper	
78	100		
77	23.5	20.7	31.1





#41

Methacrylonitrile

Concen: 56.351 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 99522

Ion Ratio Lower Upper

41 100

39 0.0 83.3 124.9#

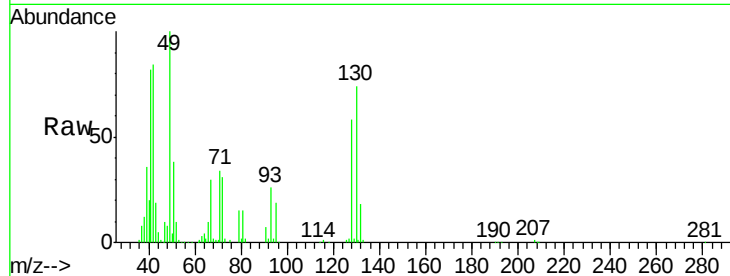
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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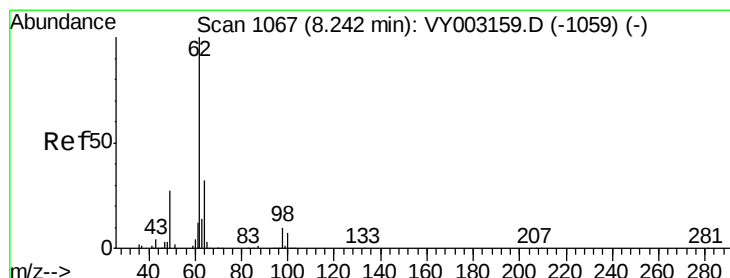
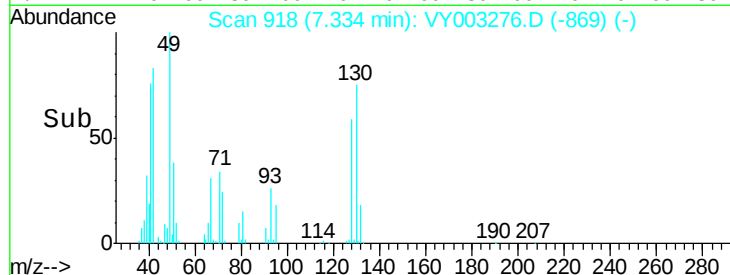
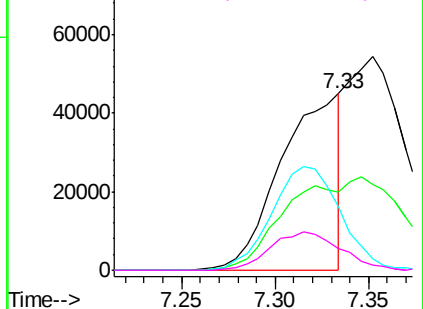


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 50.798 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY003276.D

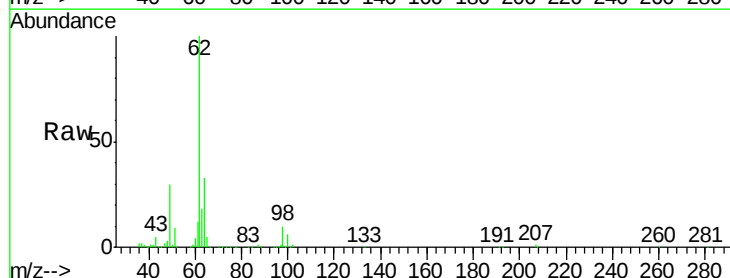
Acq: 22 Jul 2020 02:01

Tgt Ion: 62 Resp: 234473

Ion Ratio Lower Upper

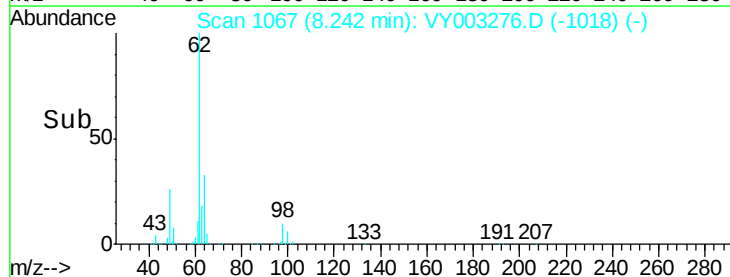
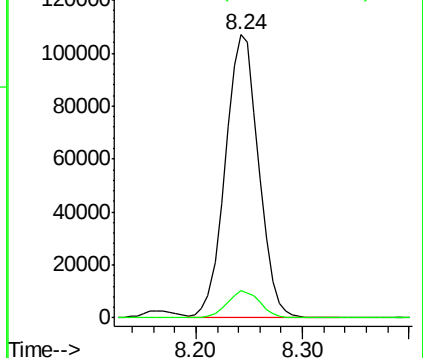
62 100

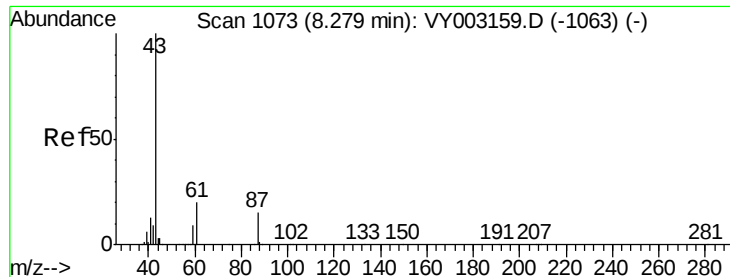
98 9.5 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

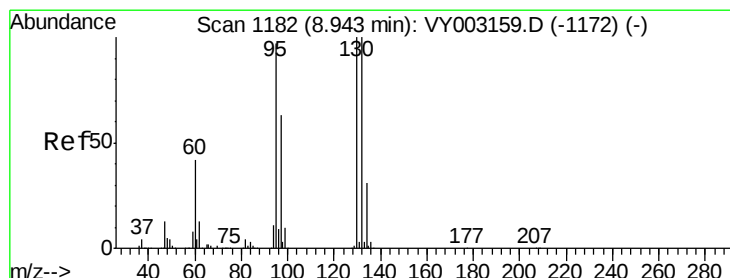
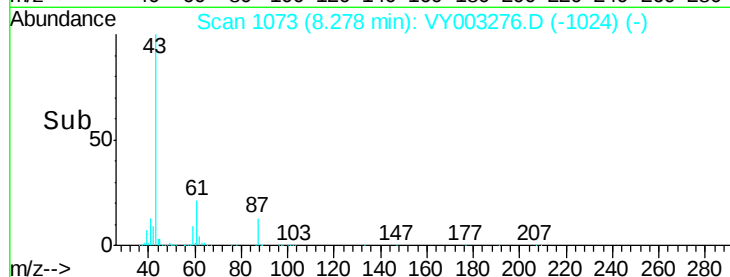
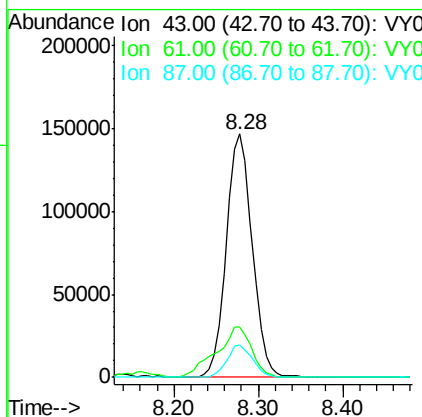
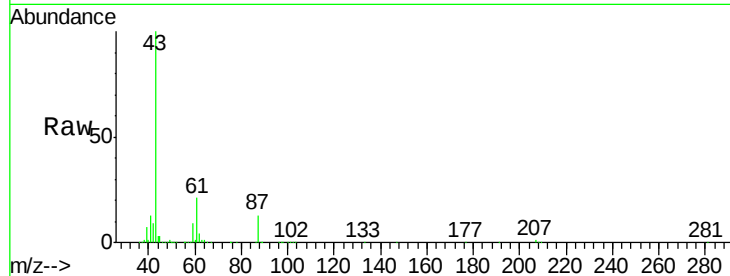
Isopropyl Acetate
 Concen: 54.164 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.6	23.7	35.5
87	13.1	11.4	17.0

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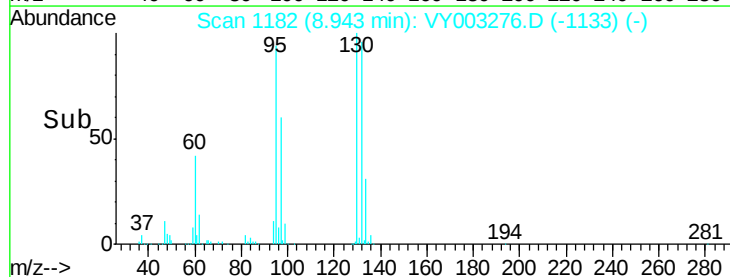
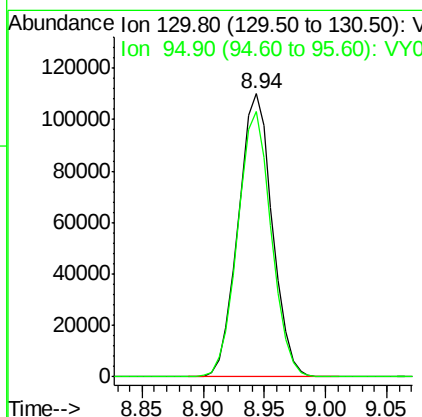
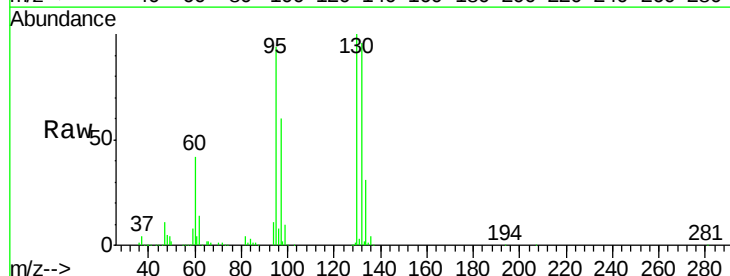
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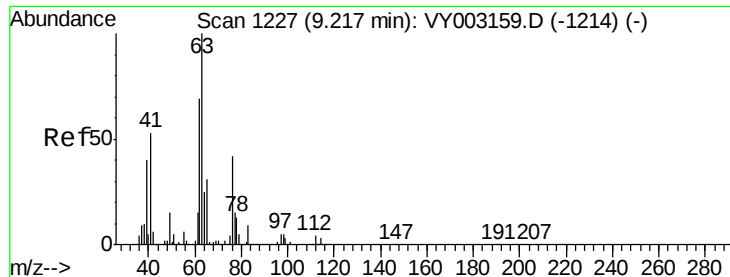


#44

Trichloroethene
 Concen: 46.192 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	193.8





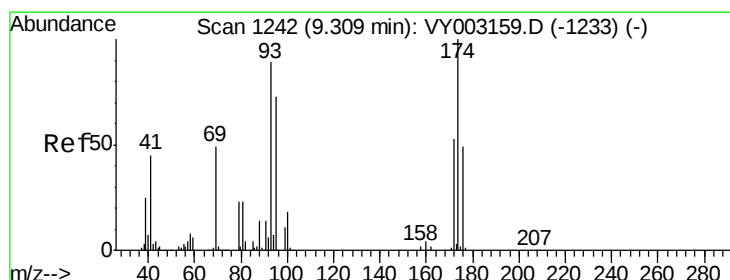
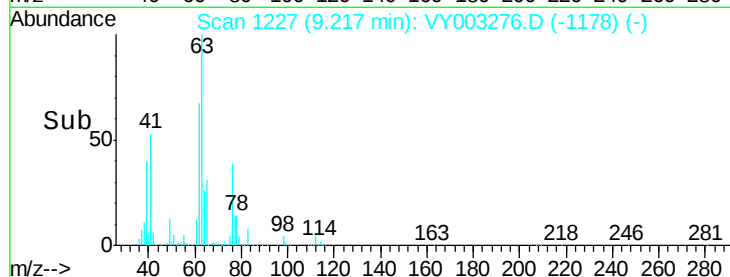
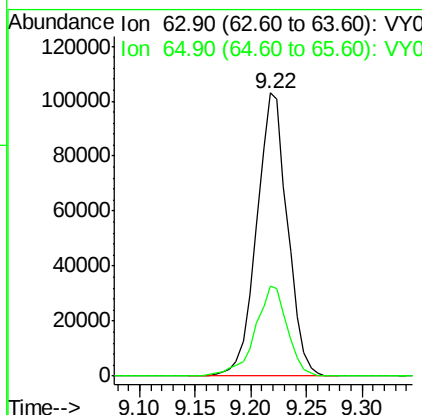
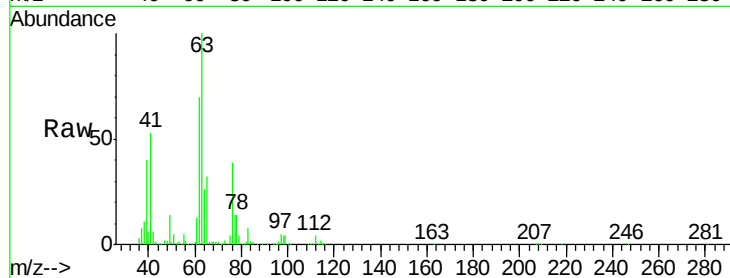
#45
 1,2-Dichloropropane
 Concen: 51.234 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.0	37.4

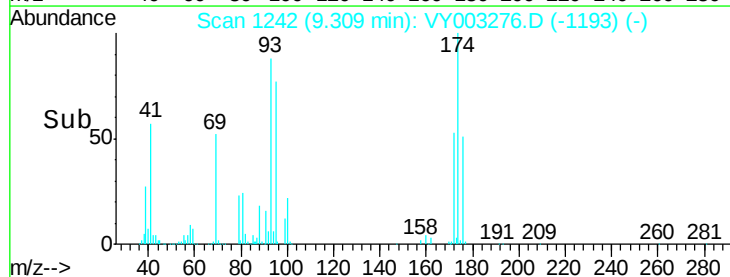
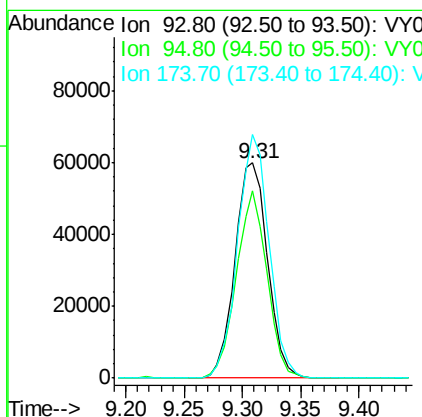
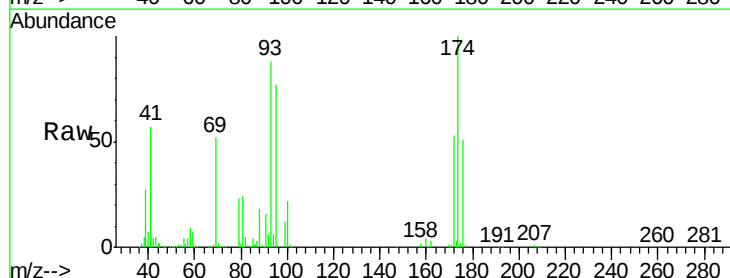
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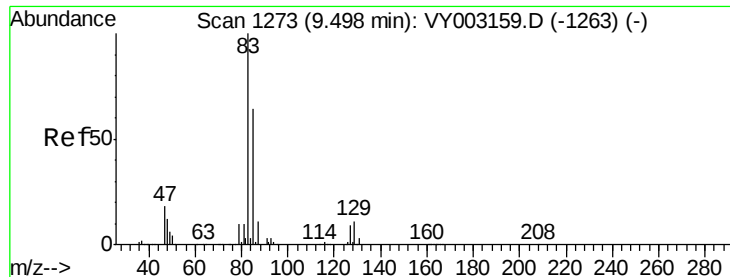
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#46
 Dibromomethane
 Concen: 51.736 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	66.6	99.8
174	108.9	90.2	135.4





#47

Bromodichloromethane

Concen: 51.109 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

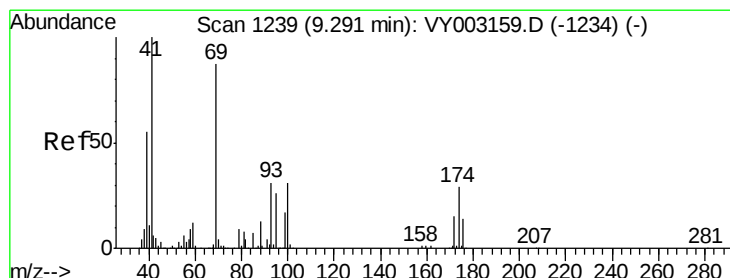
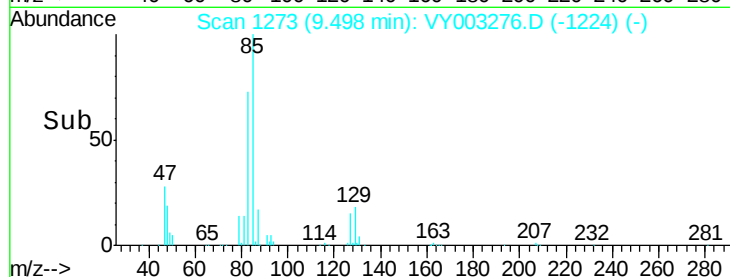
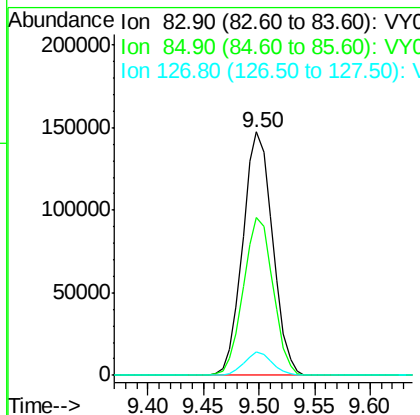
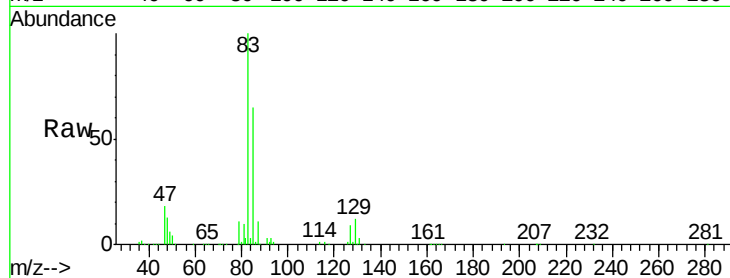
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	275434
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.9	76.3
127	9.5	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.491 ug/l

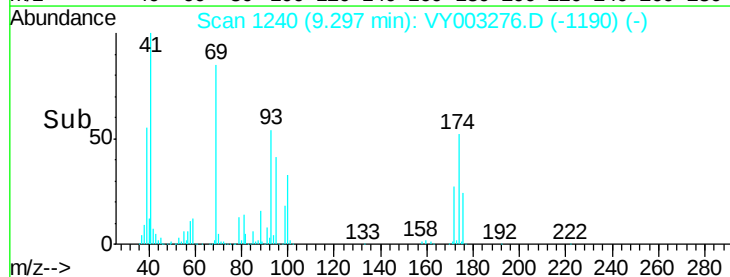
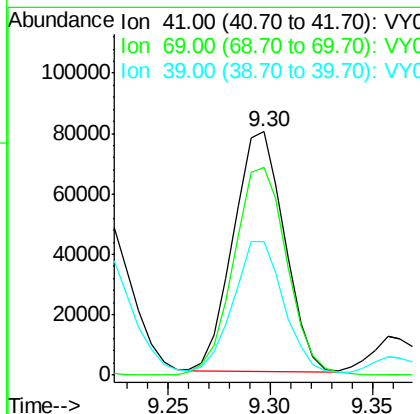
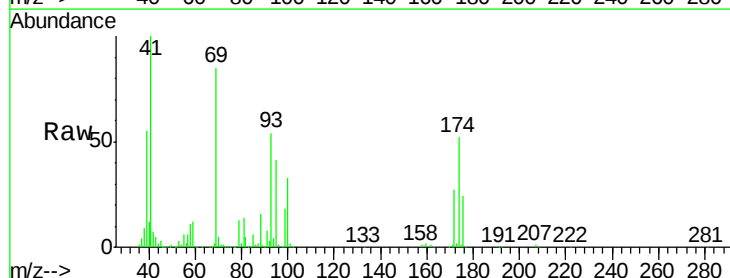
RT: 9.30 min Scan# 1240

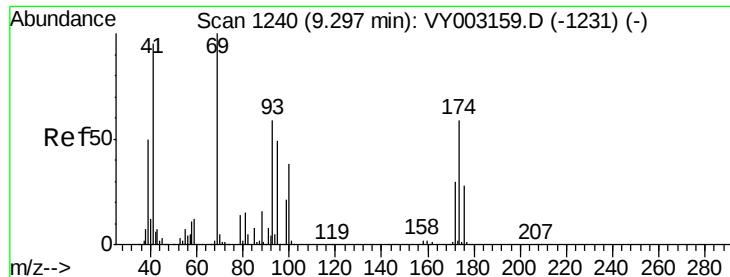
Delta R.T. 0.01 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Tgt Ion:	41	Resp:	138273
Ion	Ratio	Lower	Upper
41	100		
69	89.9	74.5	111.7
39	56.5	47.5	71.3





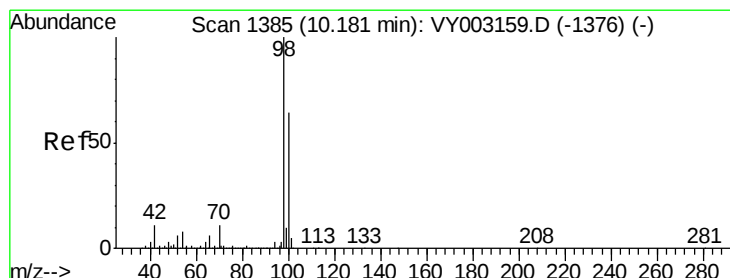
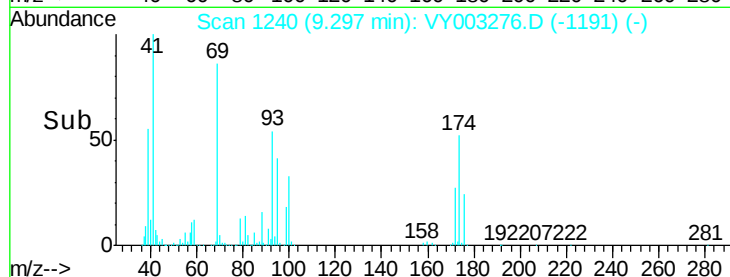
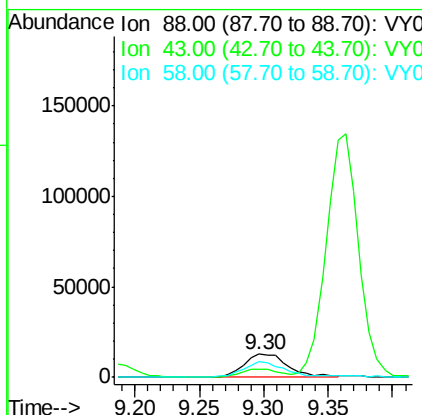
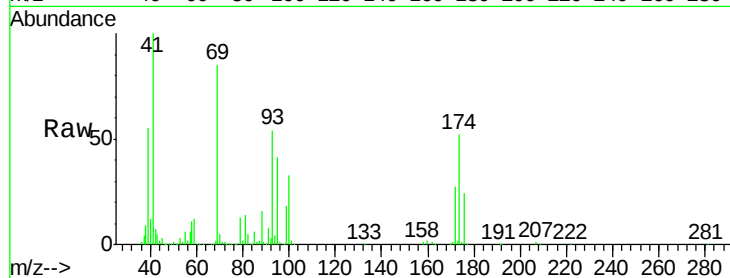
#49
1,4-Dioxane
Concen: 1068.634 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	30732
Ion	Ratio	Lower	Upper
88	100		
43	30.5	25.6	38.4
58	63.3	47.8	71.6

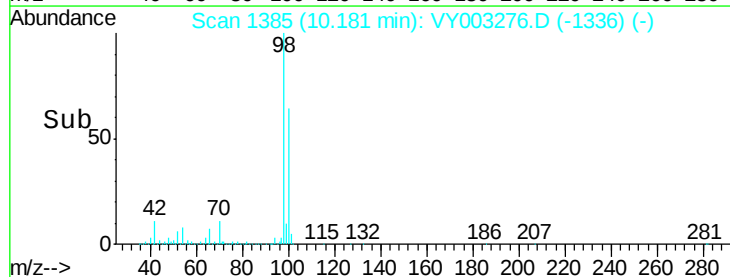
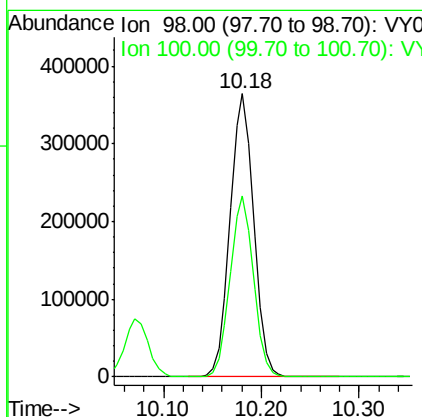
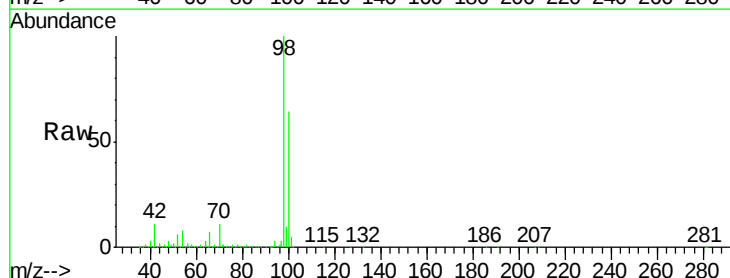
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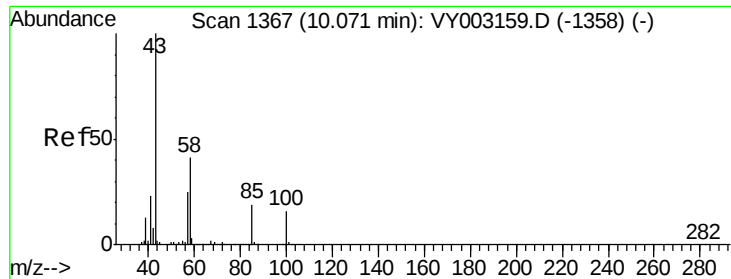
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#50
Toluene-d8
Concen: 47.615 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion	98	Resp	612051
Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 276.152 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 814716

Ion Ratio Lower Upper

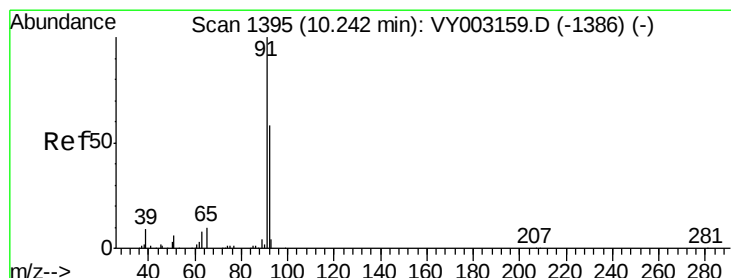
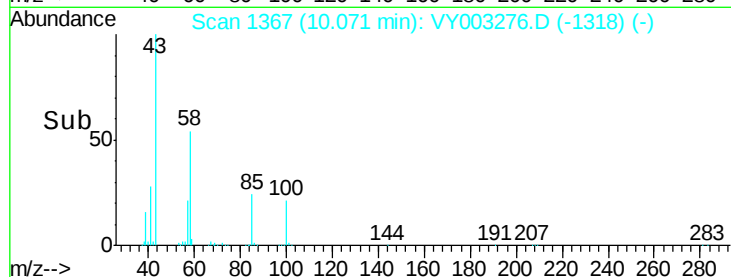
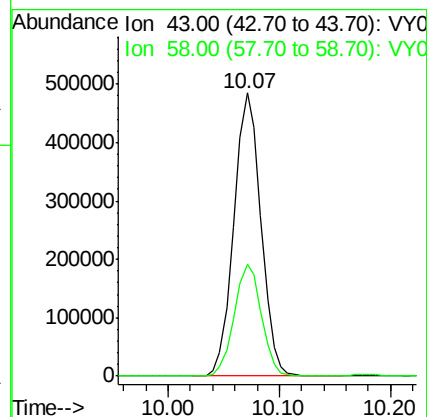
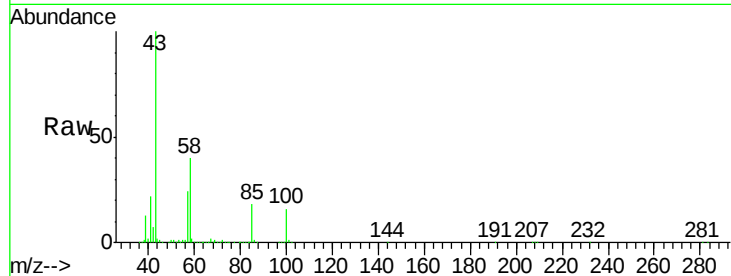
43 100

58 39.9 32.7 49.1

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#52

Toluene

Concen: 48.427 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003276.D

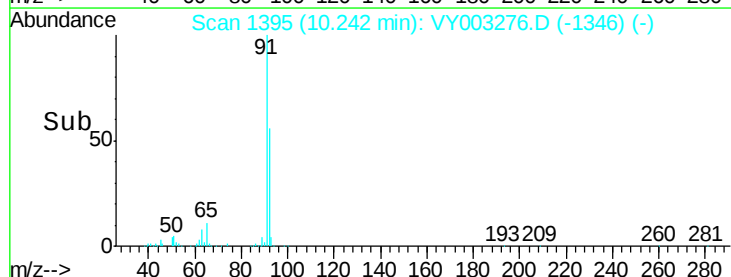
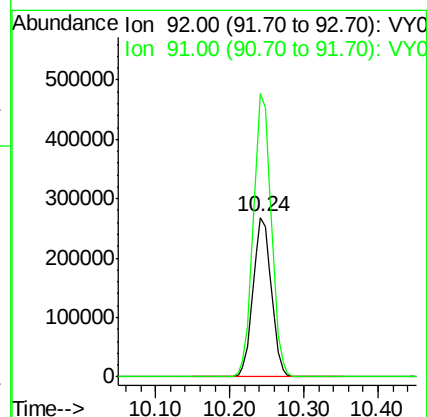
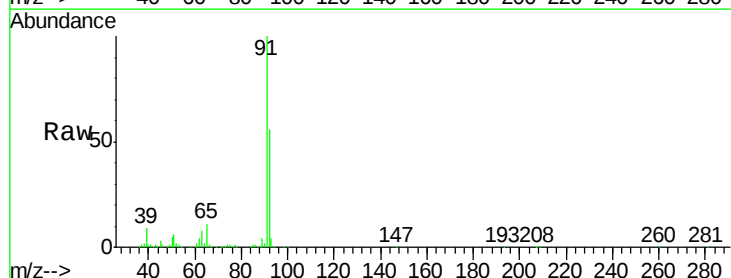
Acq: 22 Jul 2020 02:01

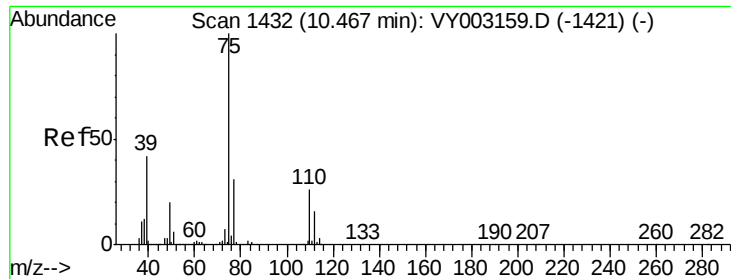
Tgt Ion: 92 Resp: 464085

Ion Ratio Lower Upper

92 100

91 175.4 139.7 209.5





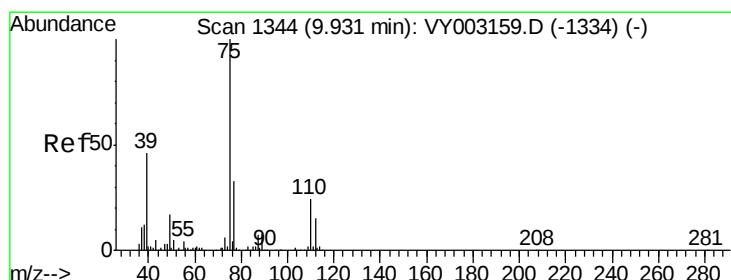
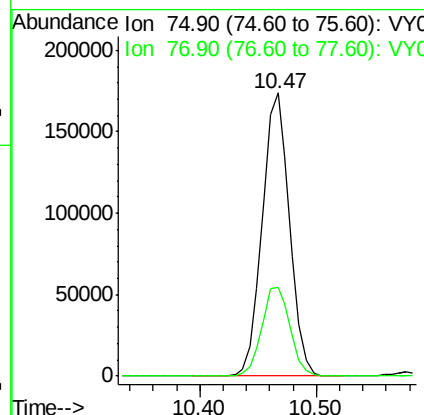
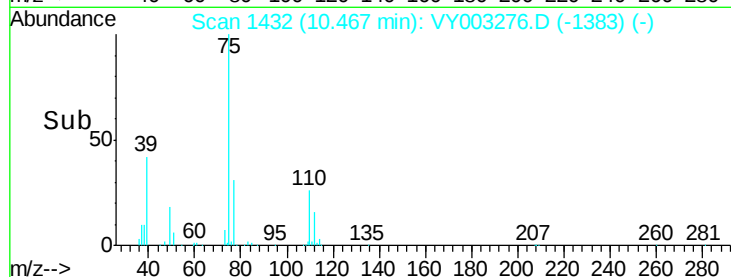
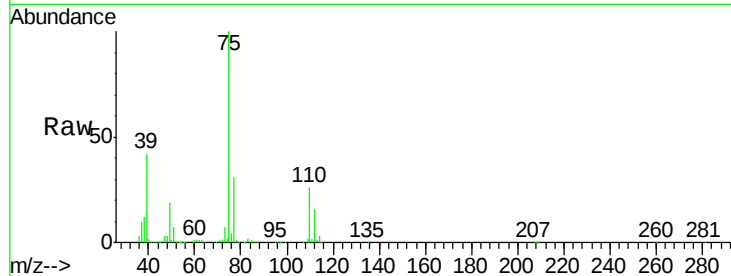
#53
t-1,3-Dichloropropene
Concen: 50.781 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 283542
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8

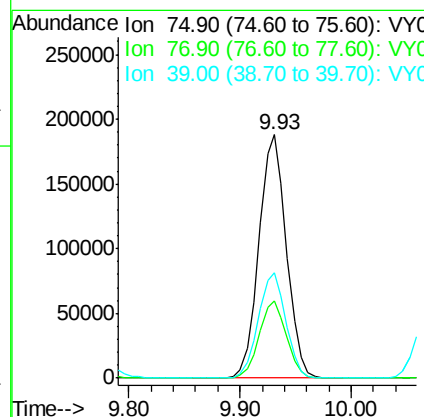
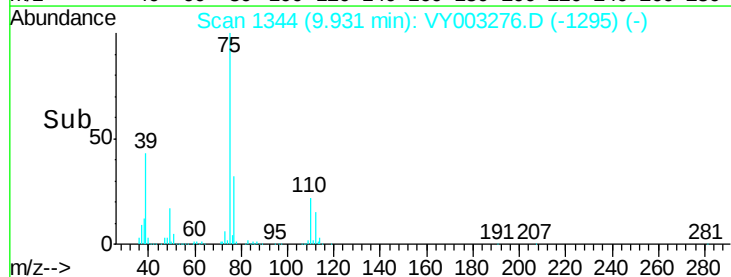
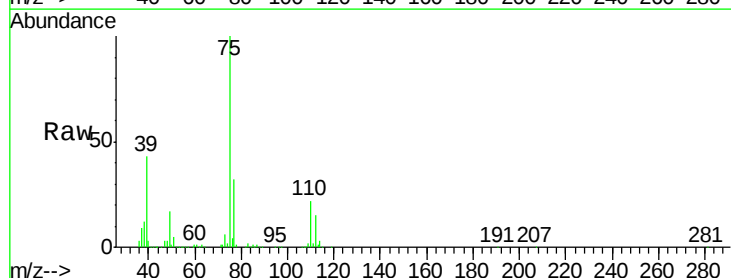
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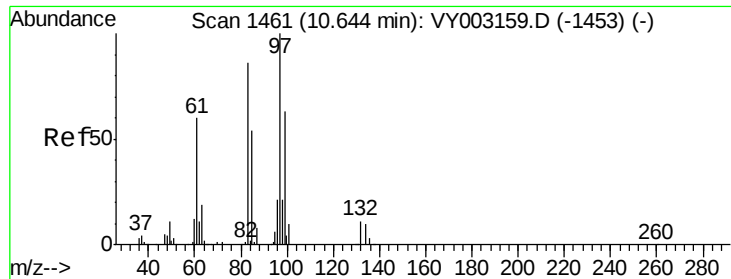
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#54
cis-1,3-Dichloropropene
Concen: 50.099 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion: 75 Resp: 322308
Ion Ratio Lower Upper
75 100
77 31.6 26.7 40.1
39 43.0 37.0 55.6





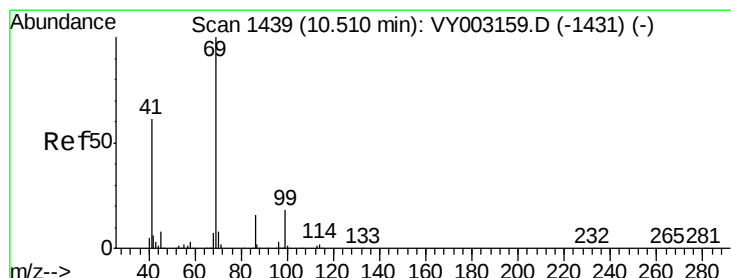
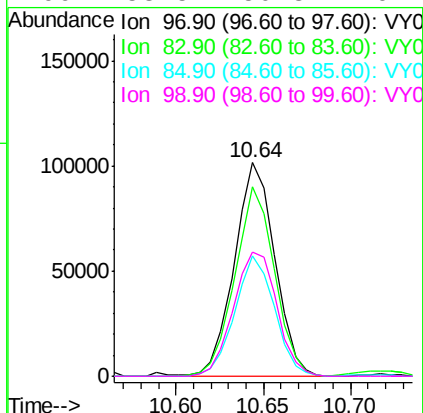
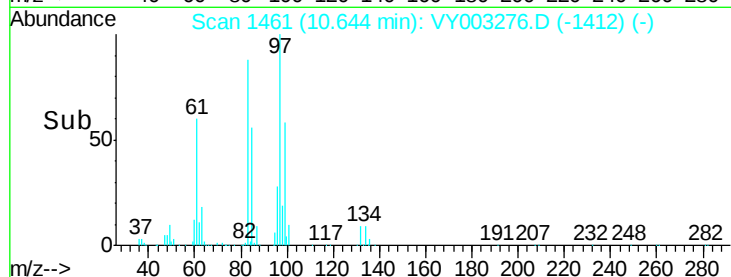
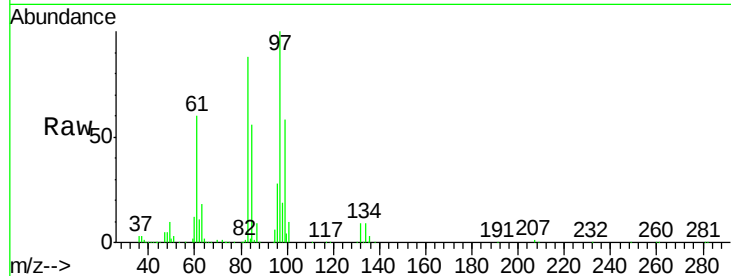
#55
 1,1,2-Trichloroethane
 Concen: 50.698 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	162786
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.8	103.2
85	56.2	43.1	64.7
99	58.5	50.8	76.2

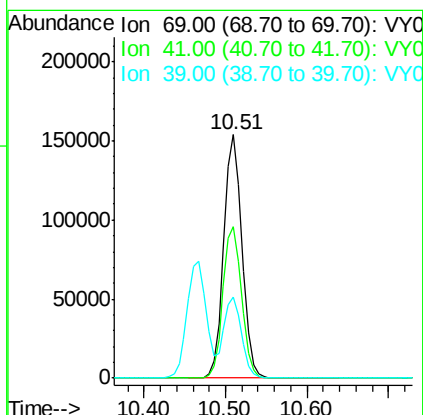
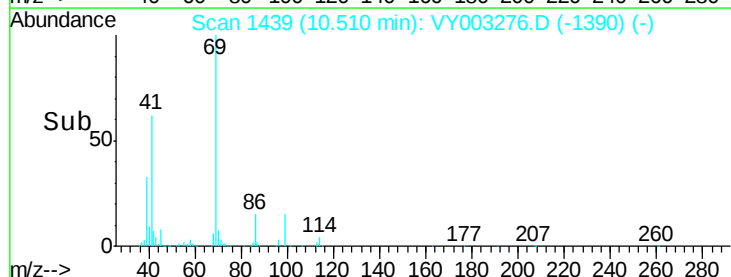
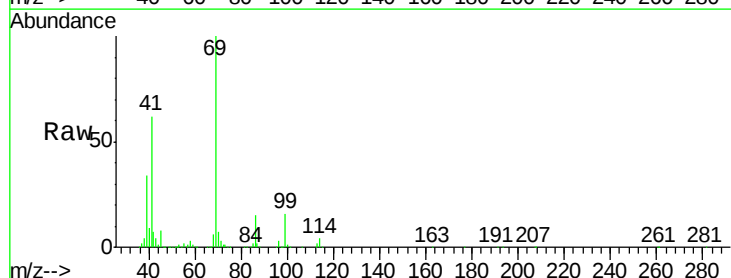
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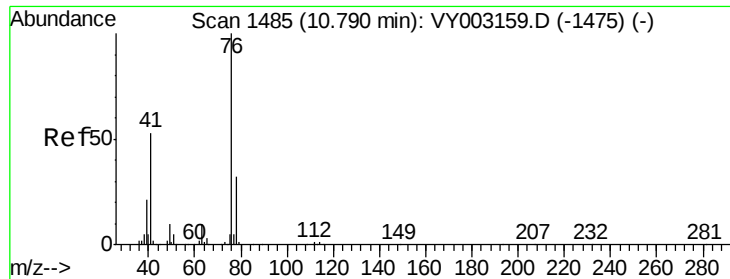
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#56
 Ethyl methacrylate
 Concen: 54.344 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion:	69	Resp:	237228
Ion	Ratio	Lower	Upper
69	100		
41	63.5	50.0	75.0
39	32.9	27.6	41.4





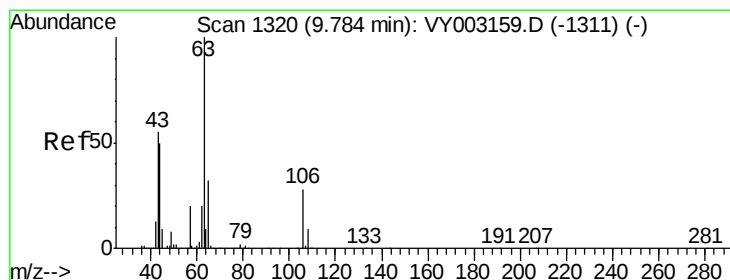
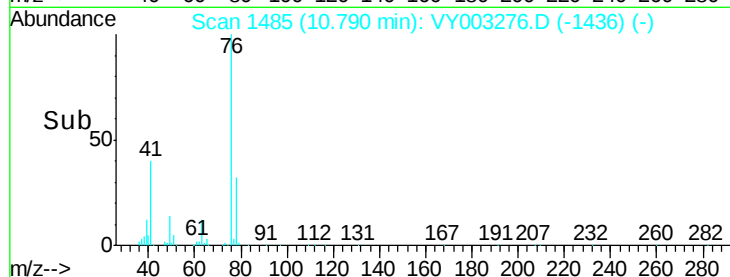
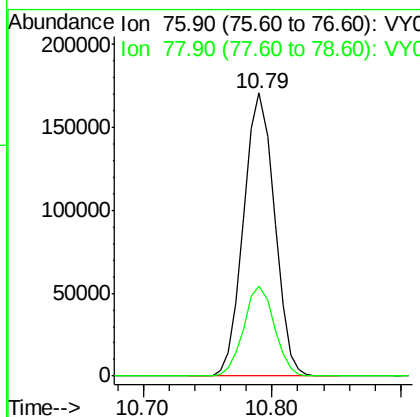
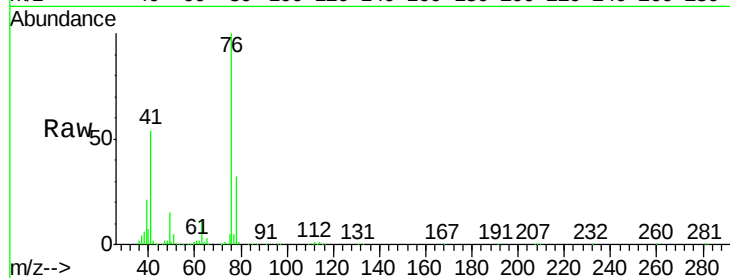
#57
 1,3-Dichloropropane
 Concen: 51.984 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	26.0	39.0

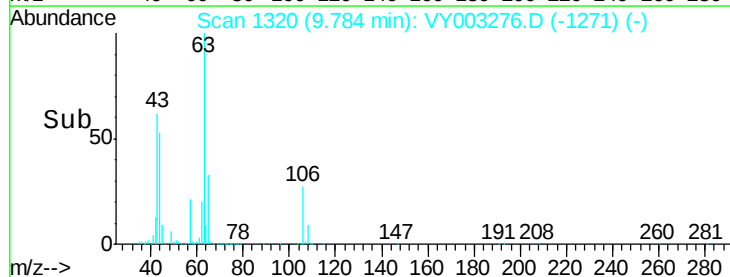
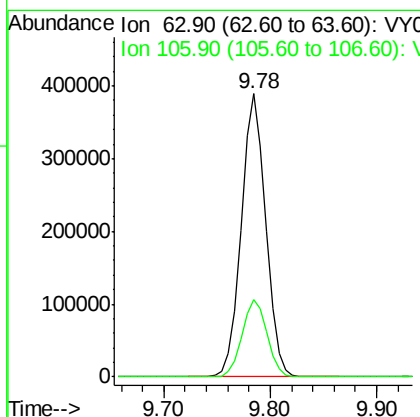
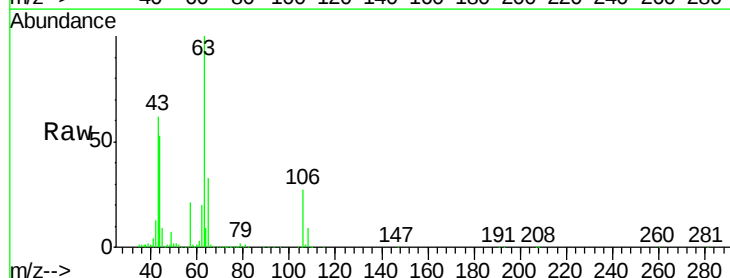
Manual Integrations
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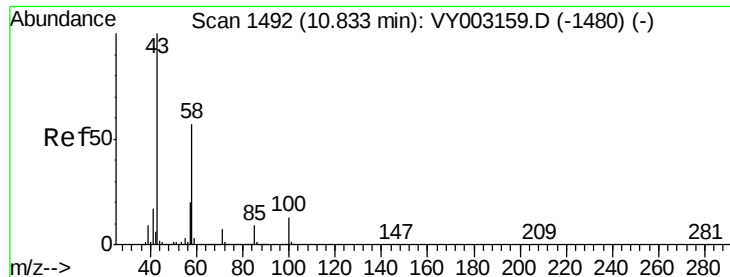
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 7/22/2020 2:43:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 281.346 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	22.9	34.3





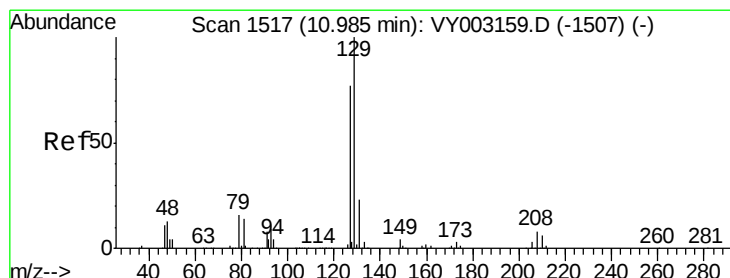
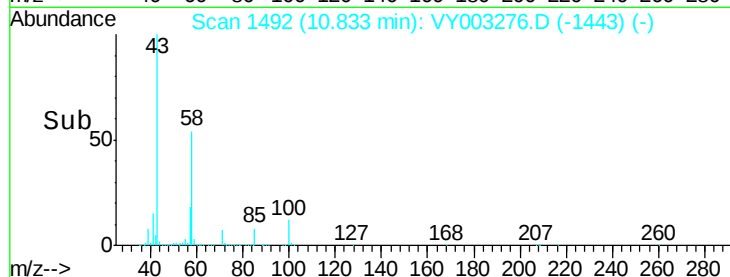
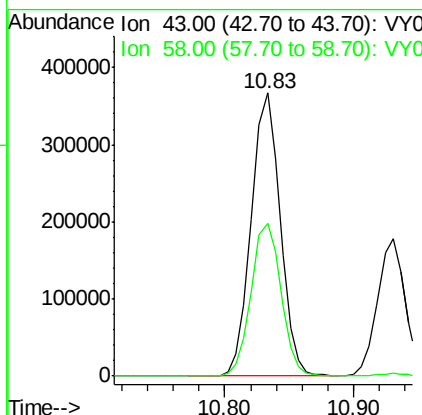
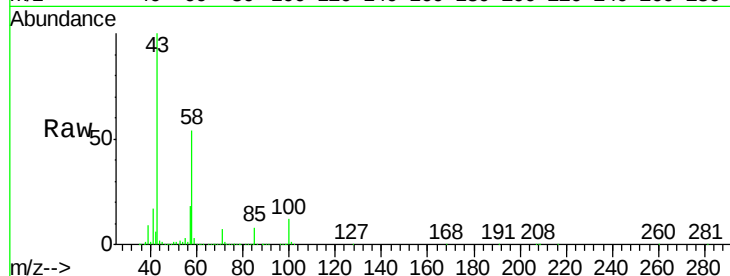
#59
2-Hexanone
Concen: 276.895 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 570260
Ion Ratio Lower Upper
43 100
58 55.5 28.3 85.0

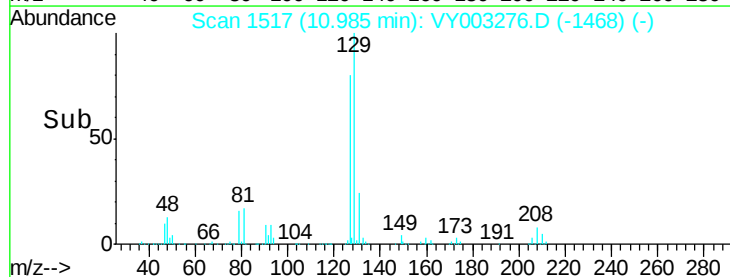
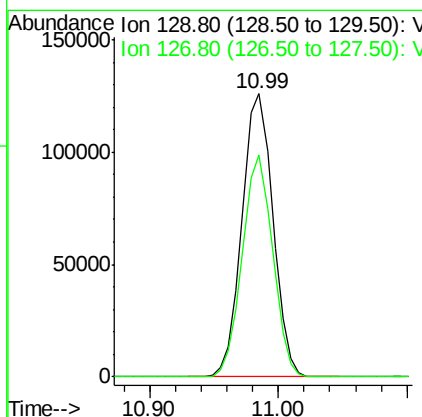
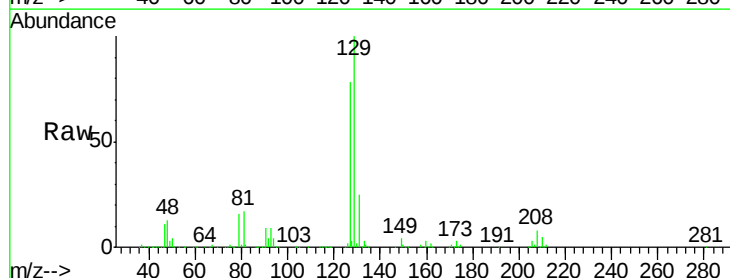
Manual Integrations
APPROVED

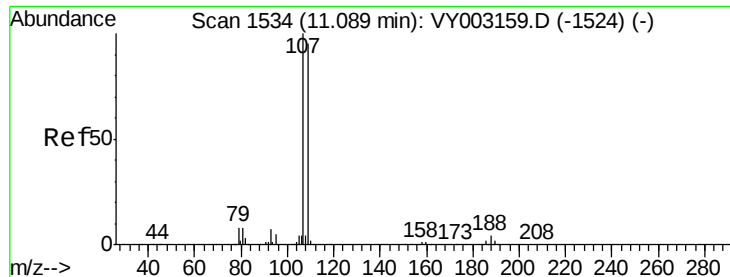
MMDadoda
7/22/2020 2:43:31 PM



#60
Dibromochloromethane
Concen: 51.904 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion: 129 Resp: 209614
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





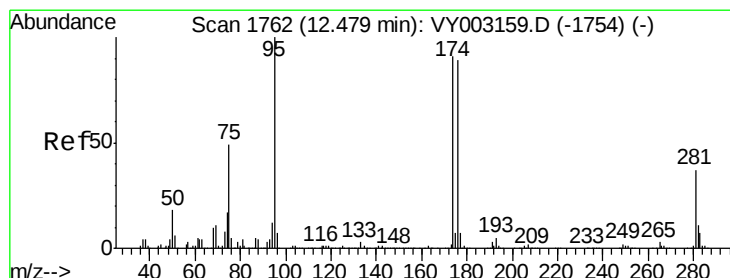
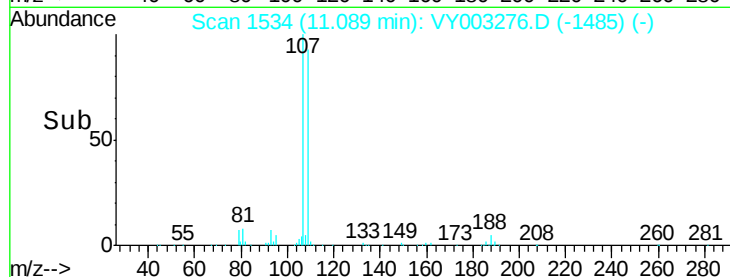
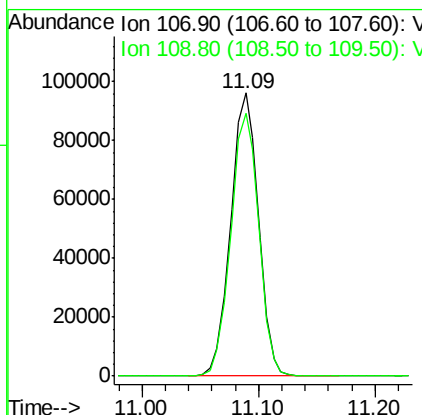
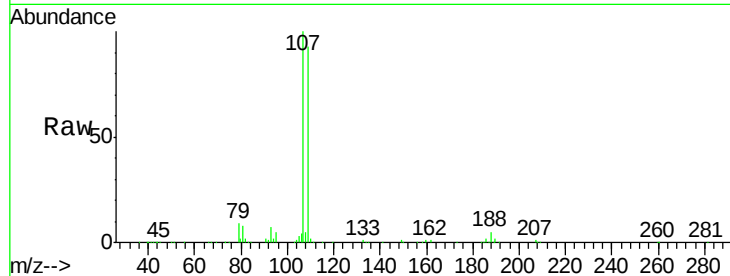
#61
 1,2-Dibromoethane
 Concen: 50.269 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.6	113.4

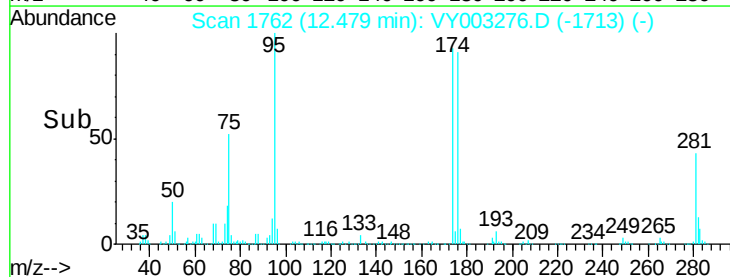
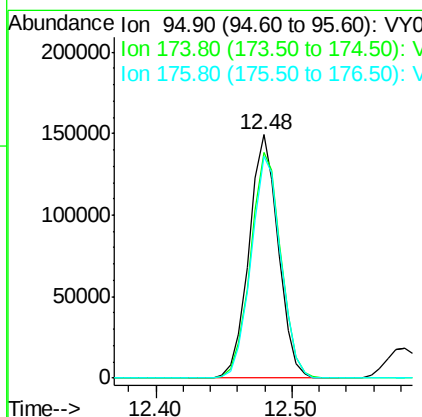
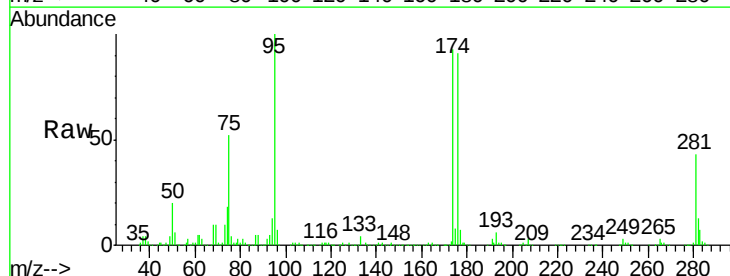
Manual Integrations
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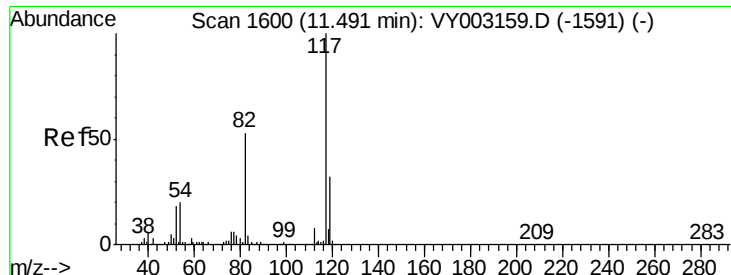
MMDadoda
 7/22/2020 2:43:31 PM



#62
 4-Bromofluorobenzene
 Concen: 48.369 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	190.6
176	93.1	0.0	186.4





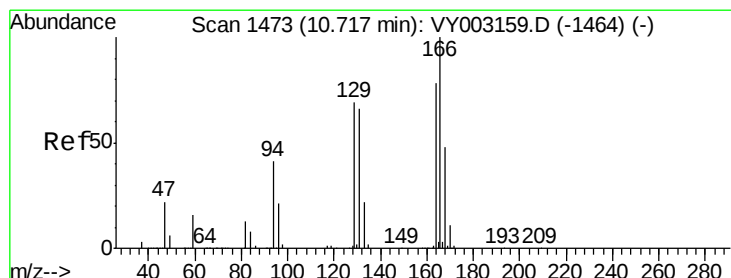
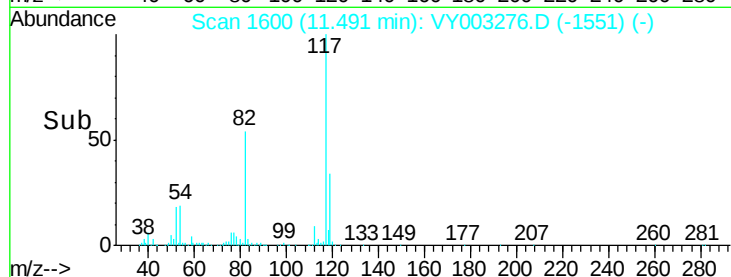
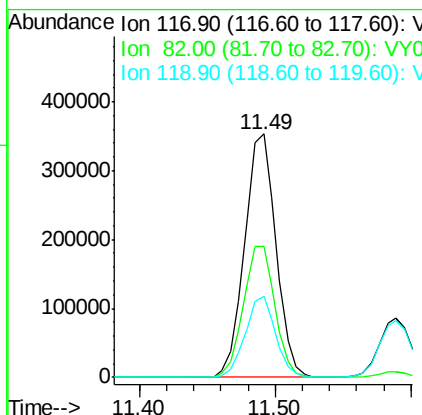
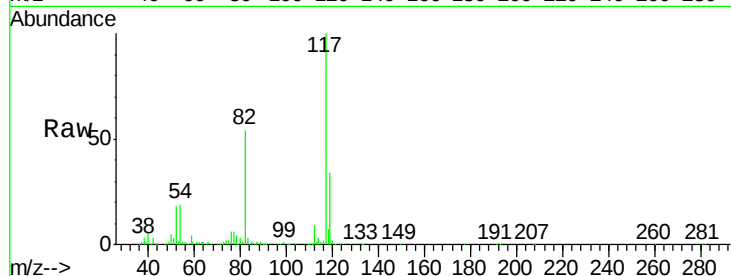
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	53.6	42.0	63.0
119	33.5	25.5	38.3

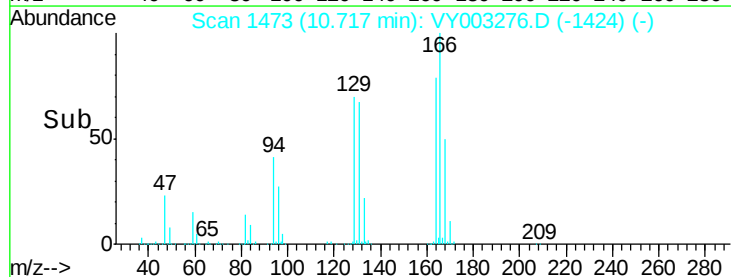
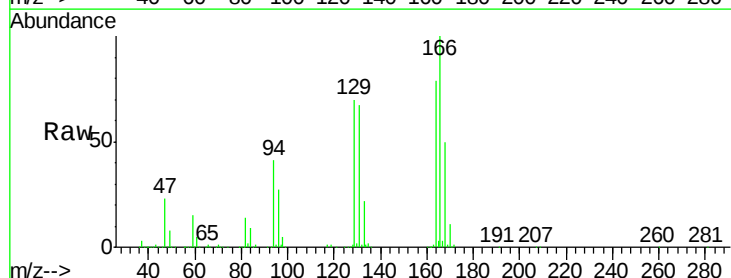
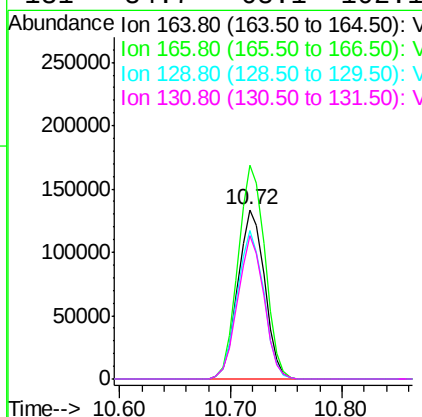
Manual Integrations
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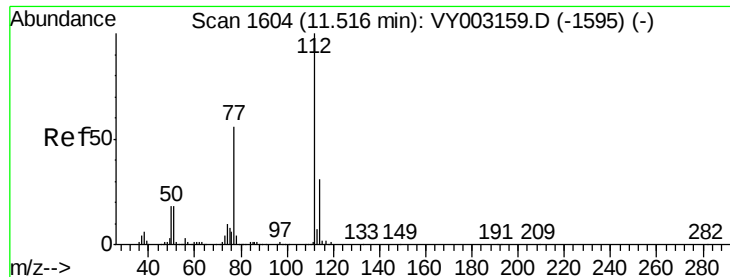
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#64
Tetrachloroethene
Concen: 43.729 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	126.0	102.9	154.3
129	87.6	71.4	107.2
131	84.7	68.1	102.1





#65

Chlorobenzene

Concen: 47.808 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 525440

Ion Ratio Lower Upper

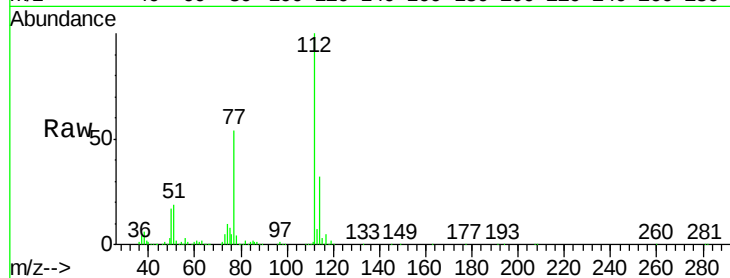
112 100

114 31.6 24.7 37.1

Manual Integrations
APPROVED

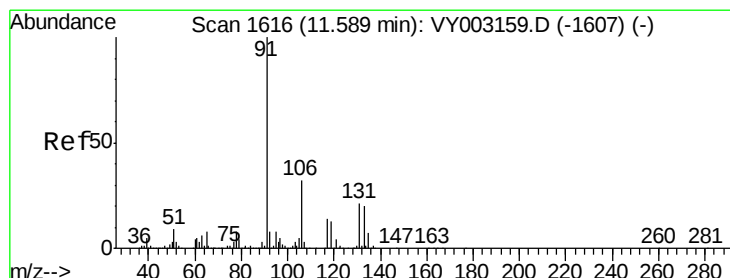
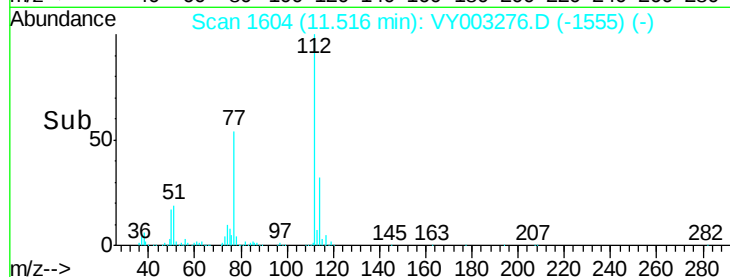
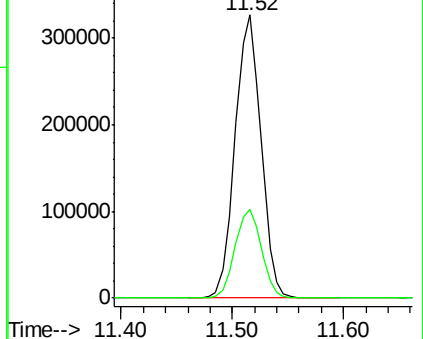
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.686 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

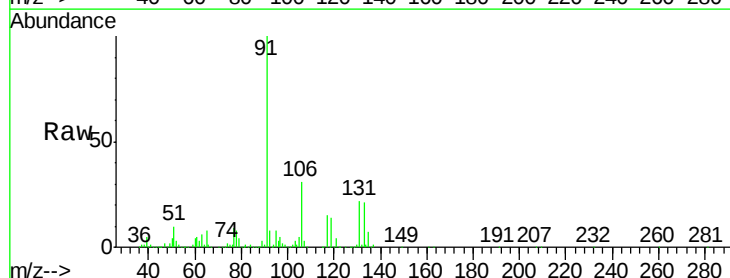
Tgt Ion:131 Resp: 207826

Ion Ratio Lower Upper

131 100

133 96.9 48.0 144.0

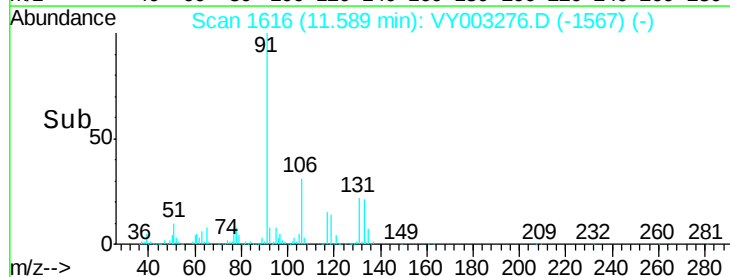
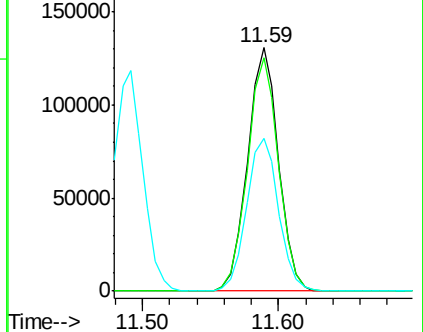
119 64.9 32.4 97.0

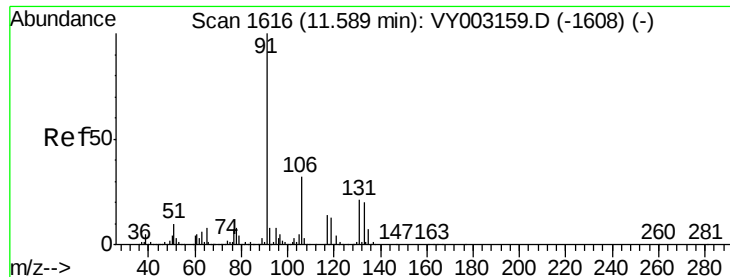


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





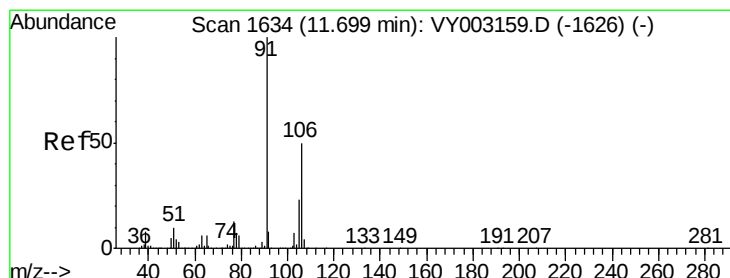
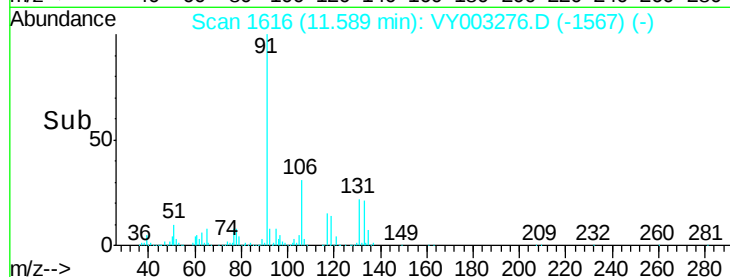
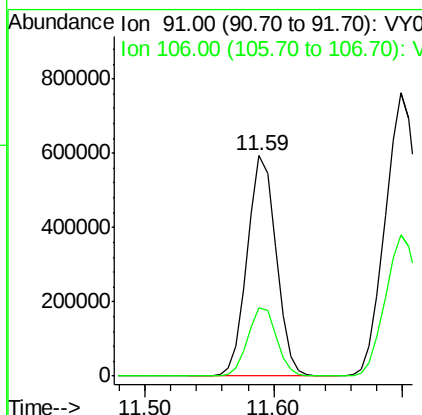
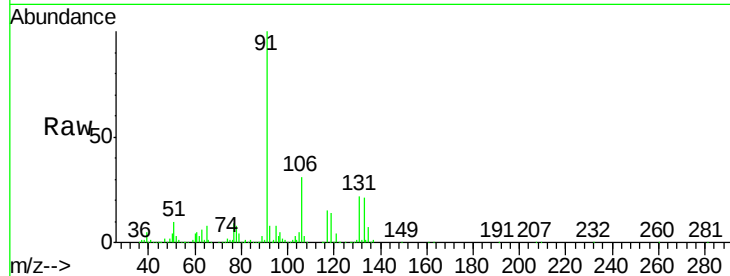
#67
Ethyl Benzene
Concen: 46.676 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.5	38.3

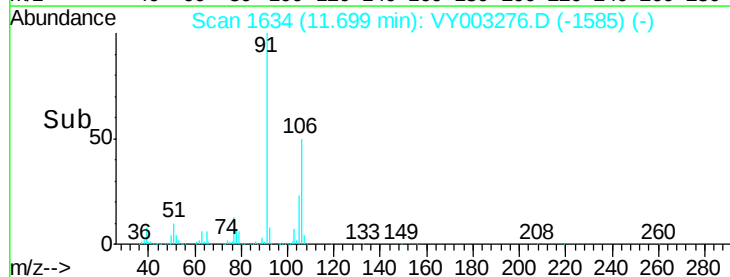
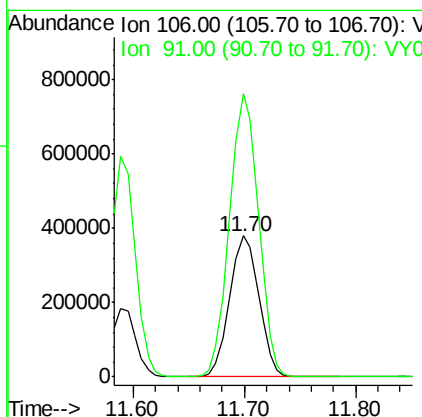
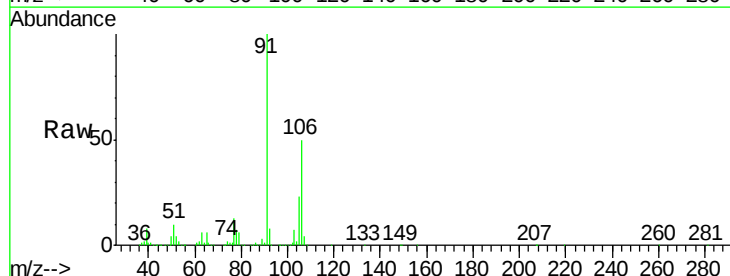
Manual Integrations
APPROVED

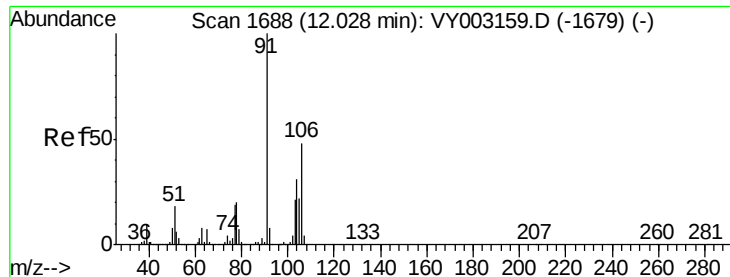
MMDadoda
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#68
m/p-Xylenes
Concen: 93.084 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Lower	Upper
106	100		
91	199.3	159.0	238.6





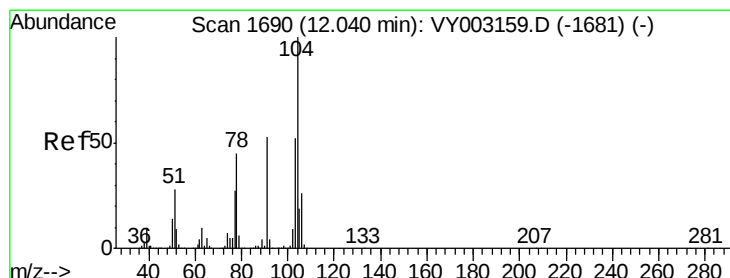
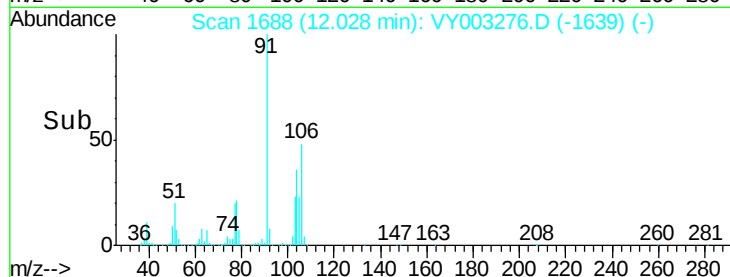
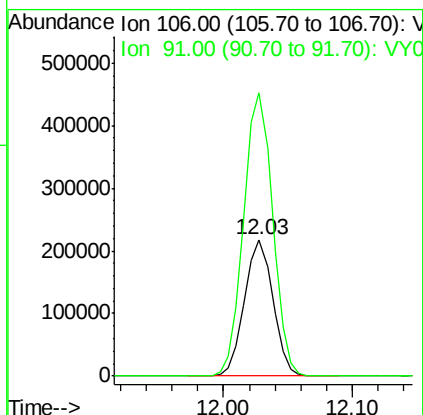
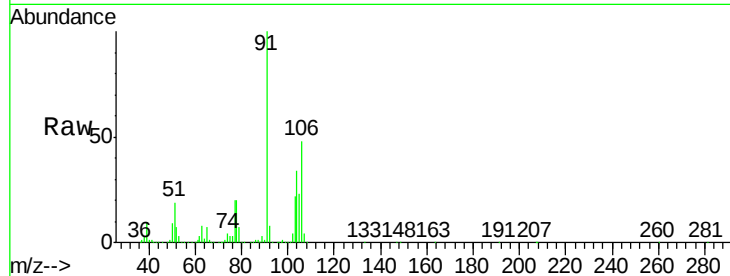
#69
o-Xylene
Concen: 47.669 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.7	105.1	315.1	

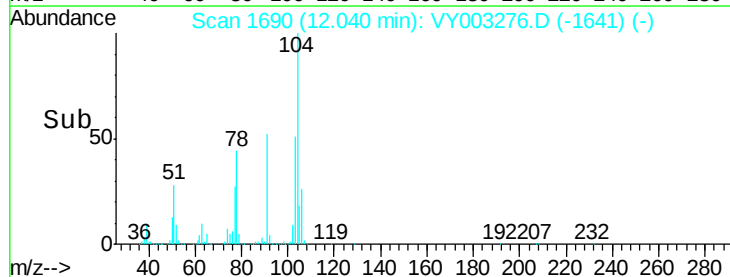
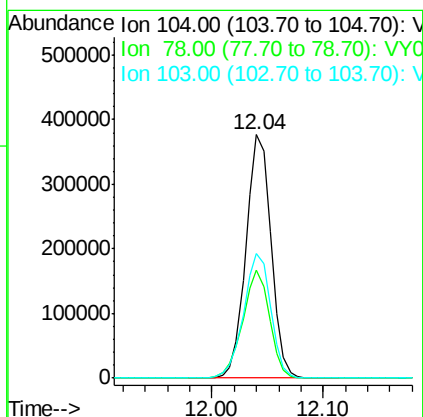
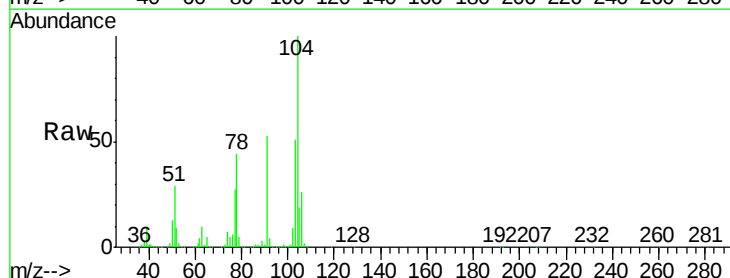
Manual Integrations
APPROVED

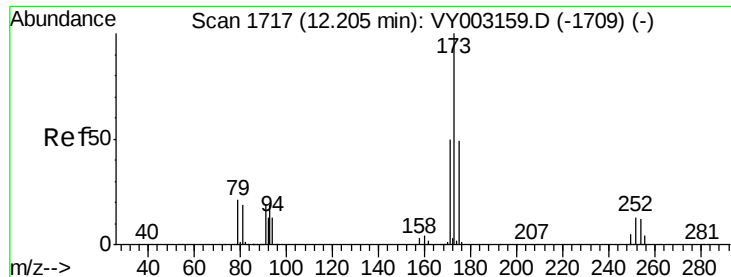
MMDadoda
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#70
Styrene
Concen: 49.609 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.5	38.5	57.7	
103	55.3	43.9	65.9	





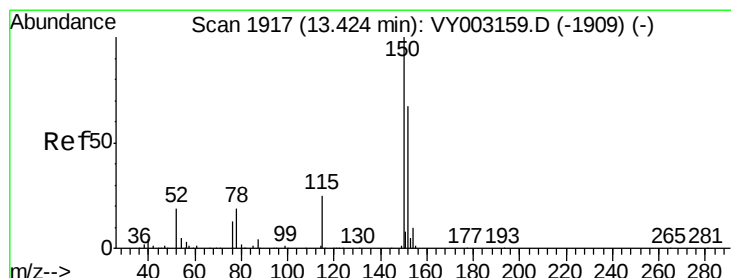
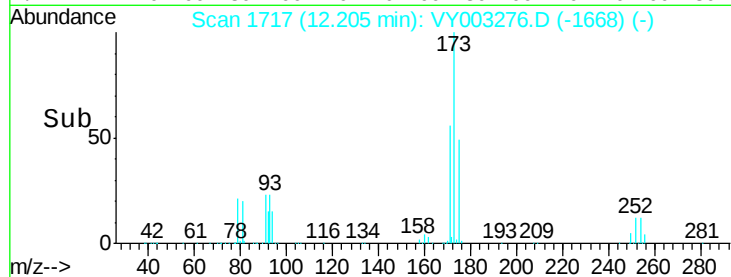
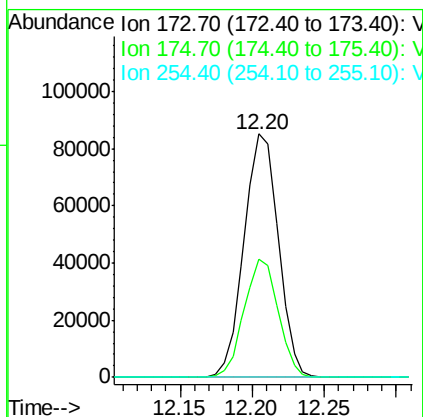
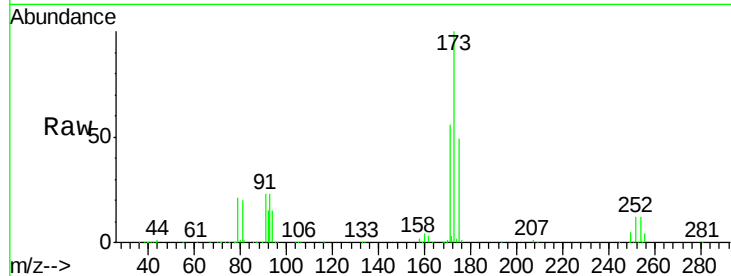
#71
Bromoform
Concen: 50.173 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	73.0
254	0.3	0.2	0.2#

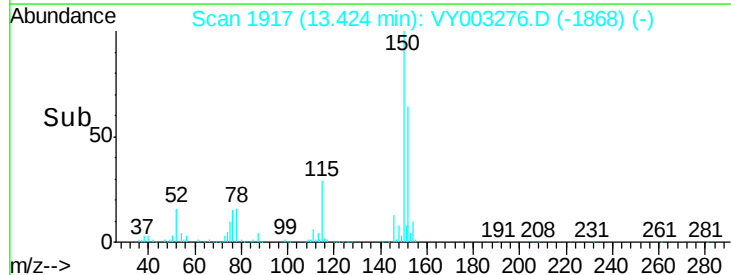
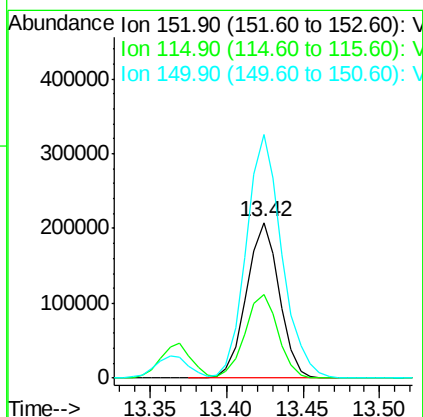
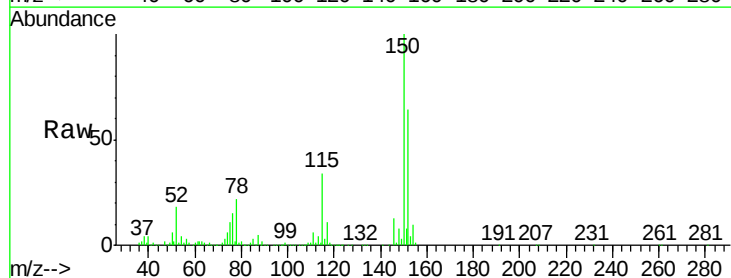
Manual Integrations
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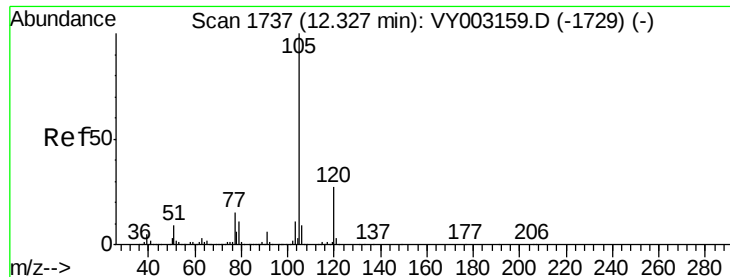
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	26.9	80.7
150	169.2	0.0	338.0





#73

Isopropylbenzene

Concen: 44.610 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 882143

Ion Ratio Lower Upper

105 100

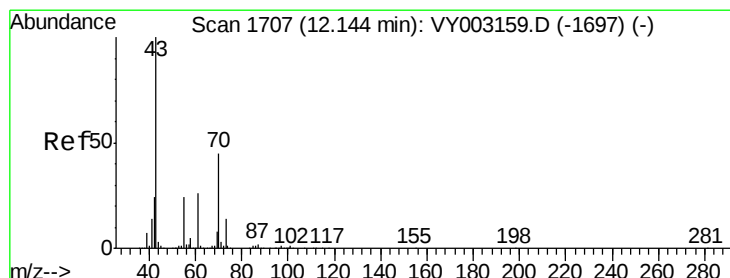
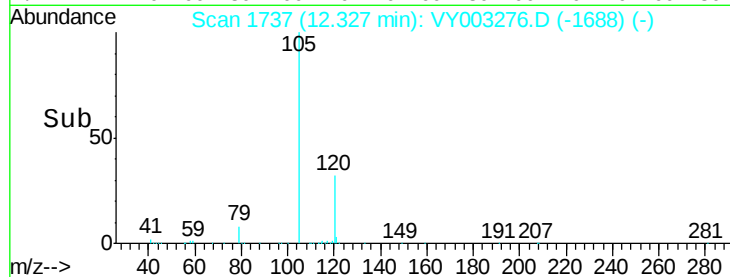
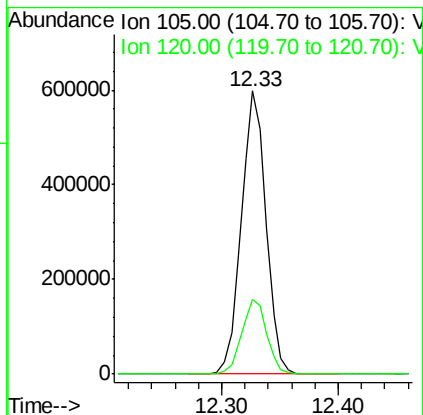
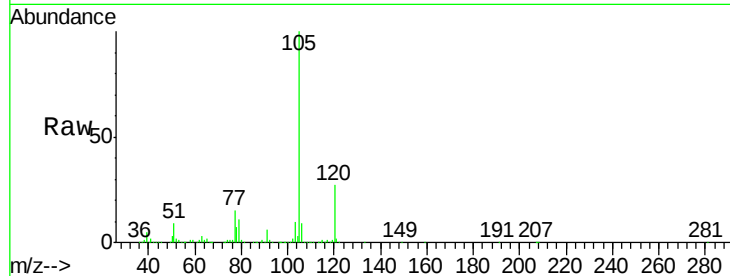
120 27.0 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.958 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Tgt Ion: 43 Resp: 288285

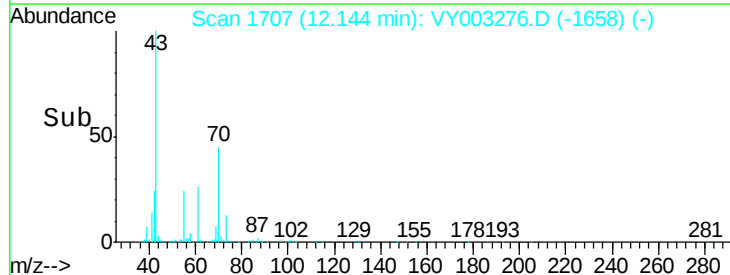
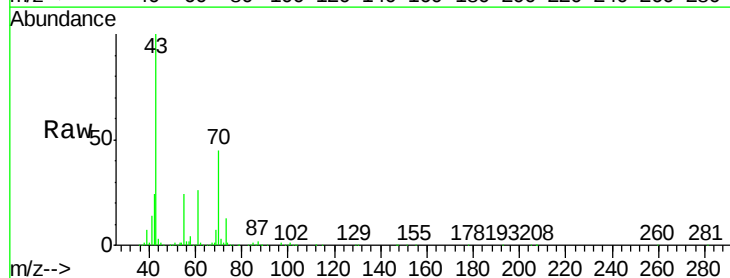
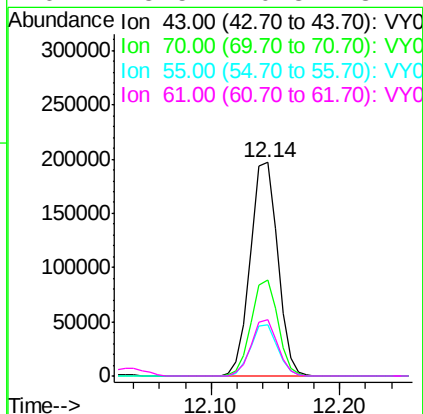
Ion Ratio Lower Upper

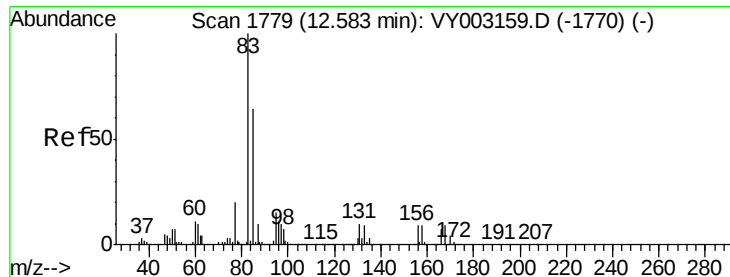
43 100

70 44.1 35.6 53.4

55 23.9 19.4 29.2

61 25.5 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.513 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 192918

Ion Ratio Lower Upper

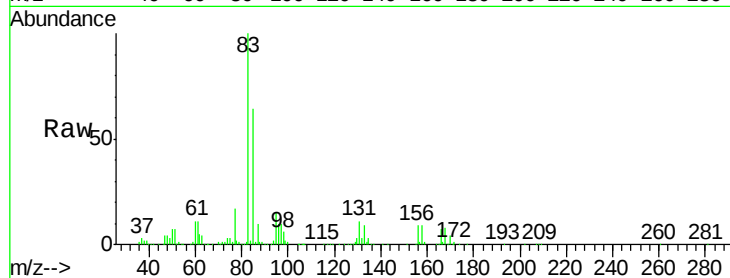
83 100

131 10.6 5.2 15.6

85 63.3 32.0 96.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0

12.58

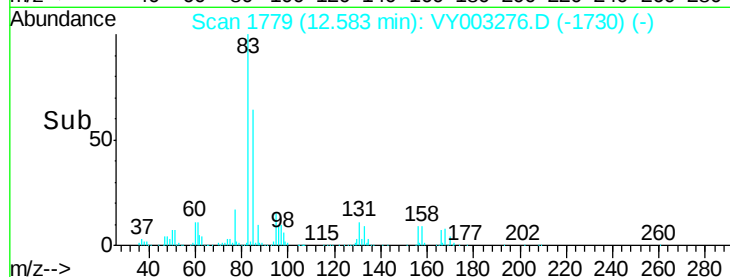
150000

100000

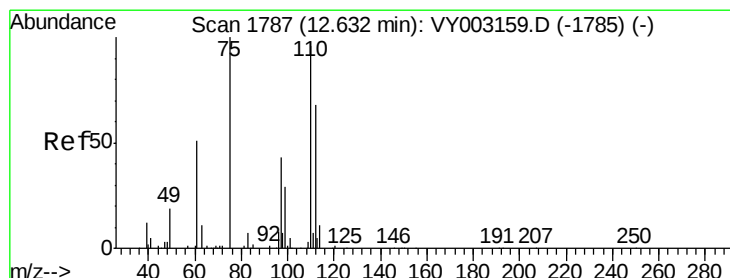
50000

0

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 49.015 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003276.D

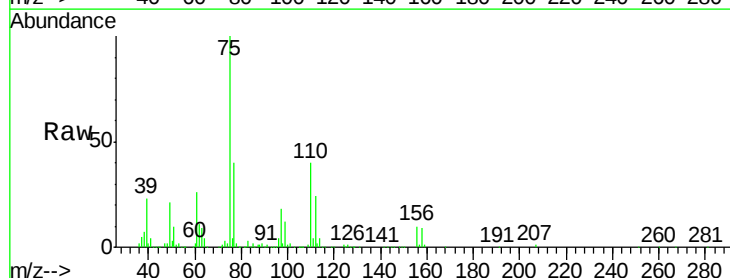
Acq: 22 Jul 2020 02:01

Tgt Ion: 75 Resp: 134630

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

250000

200000

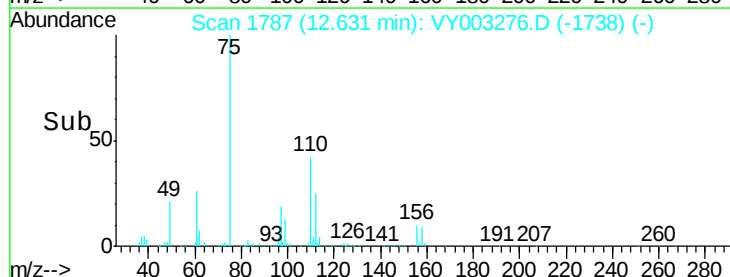
150000

100000

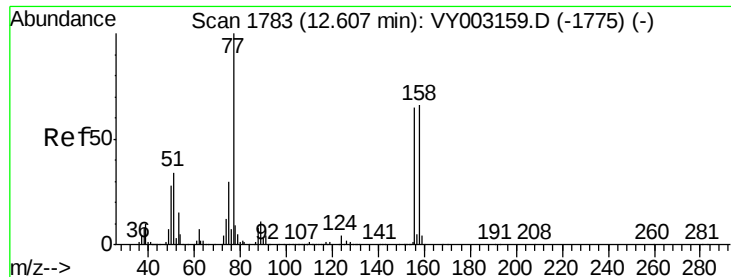
50000

0

Time-->



Time-->



#77

Bromobenzene

Concen: 47.330 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

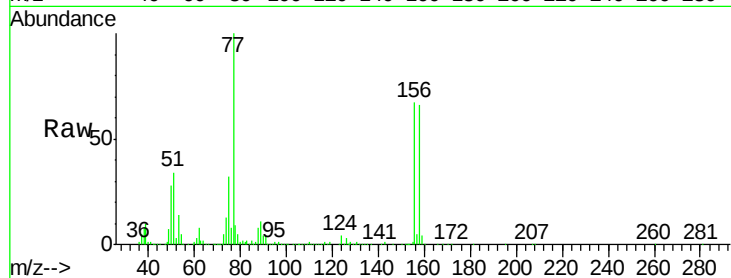
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	238571
Ion Ratio	Lower	Upper	
156	100		
77	174.0	86.6	259.7
158	98.1	49.4	148.0

Manual Integrations
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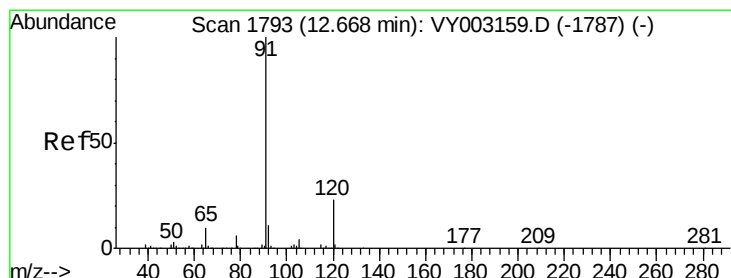
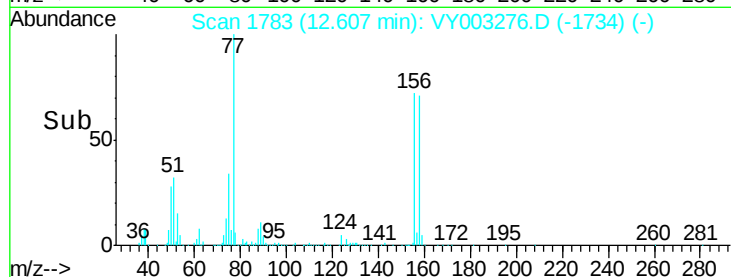
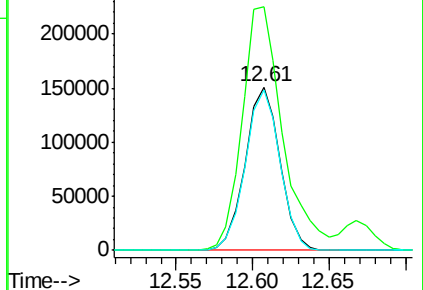
MMDadoda
7/22/2020 2:43:31 PM



Abundance Ion 155.80 (155.50 to 156.50): VY003159.D (-1775) (-)

Ion 77.00 (76.70 to 77.70): VY003159.D (-1775) (-)

Ion 157.80 (157.50 to 158.50): VY003159.D (-1775) (-)



#78

n-propylbenzene

Concen: 45.088 ug/l

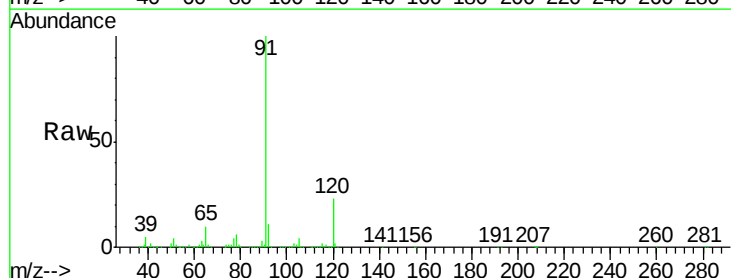
RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003276.D

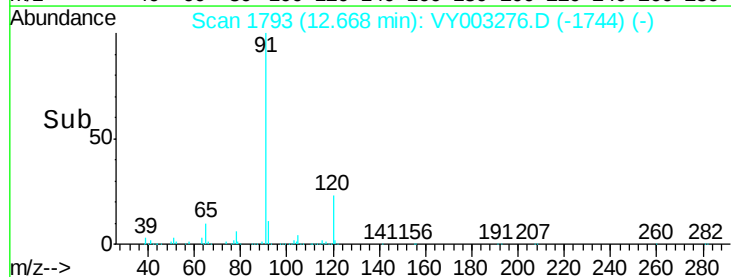
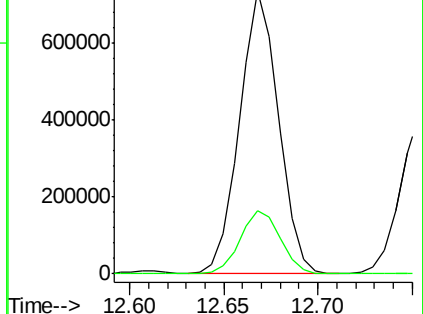
Acq: 22 Jul 2020 02:01

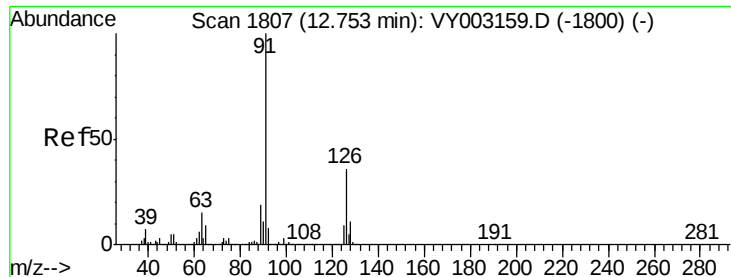
Tgt Ion:	91	Resp:	1050953
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VY003159.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VY003159.D (-1787) (-)





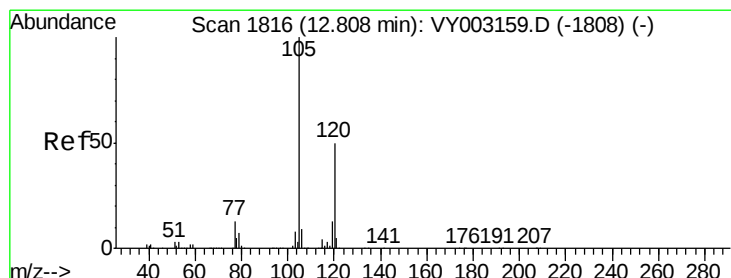
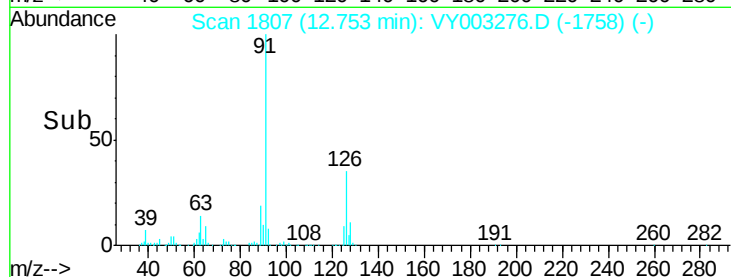
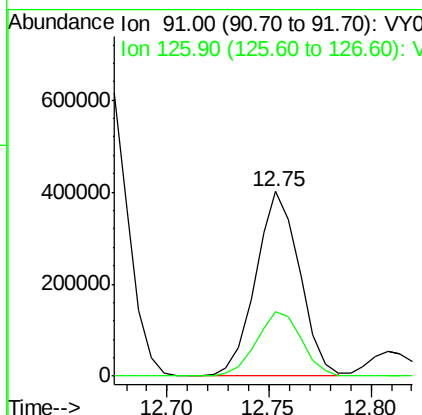
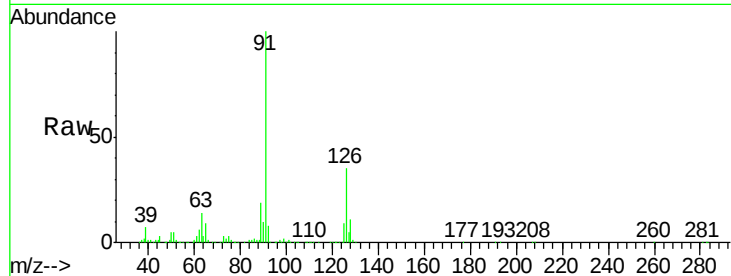
#79
2-Chlorotoluene
Concen: 46.151 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.6	52.9

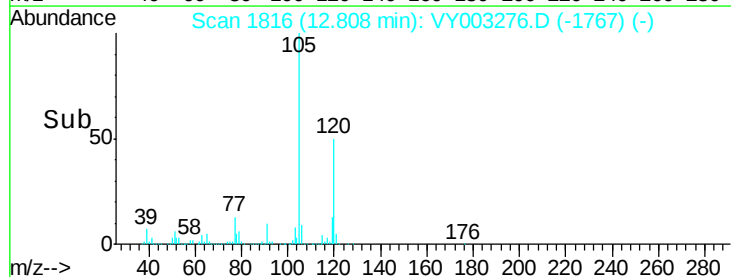
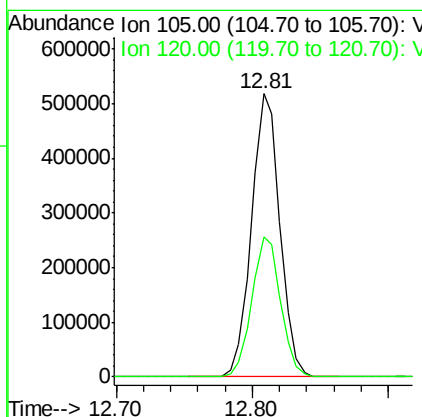
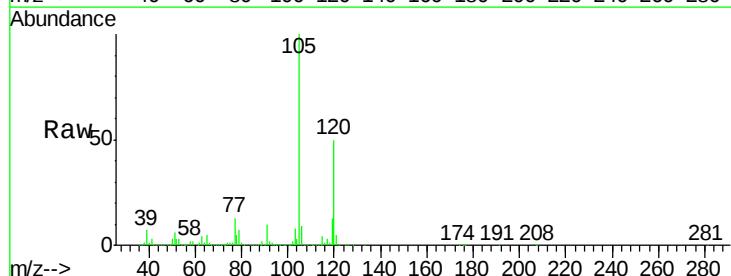
Manual Integrations
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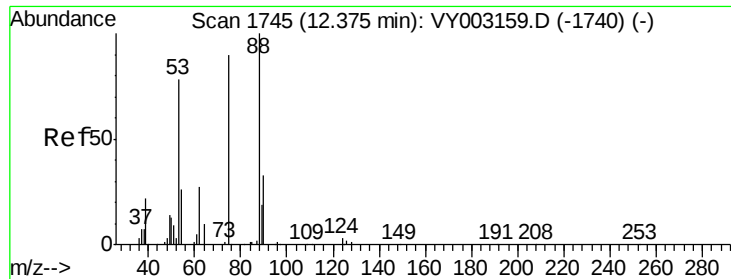
MMDadoda
7/22/2020 2:43:31 PM



#80
1,3,5-Trimethylbenzene
Concen: 45.970 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.0	24.9	74.6





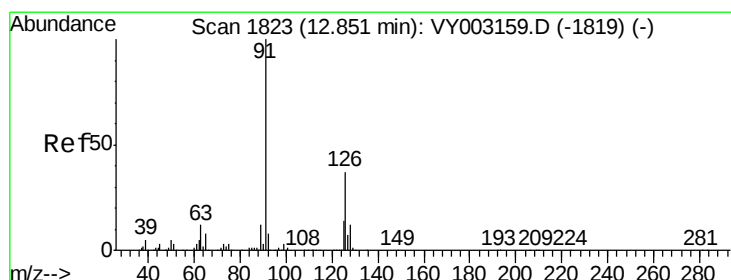
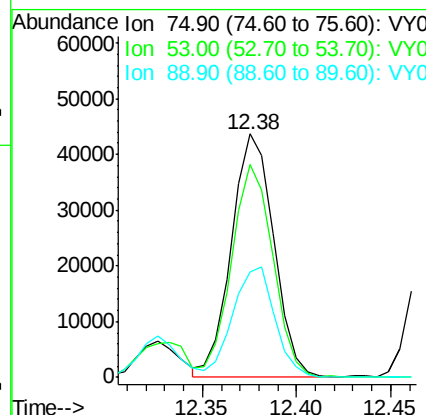
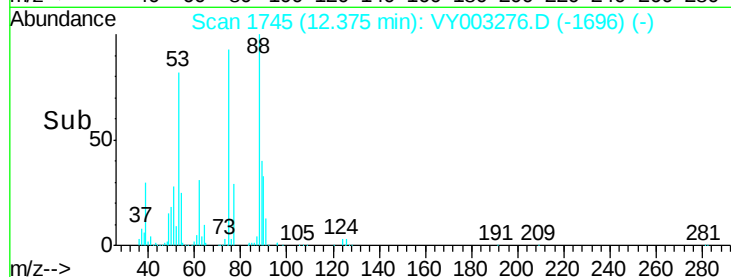
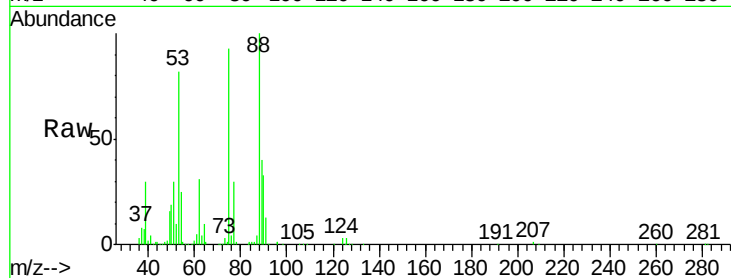
#81
trans-1,4-Dichloro-2-butene
Concen: 47.934 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.9	72.0	108.0
89	45.2	37.3	55.9

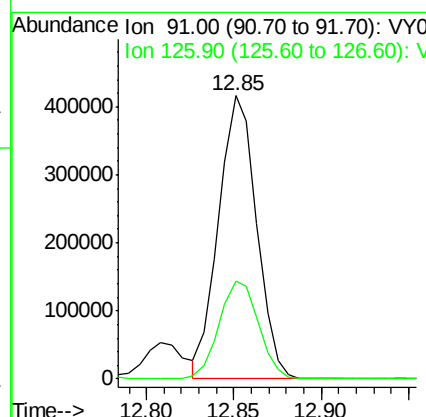
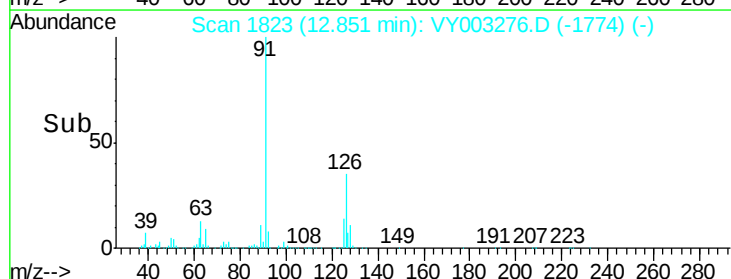
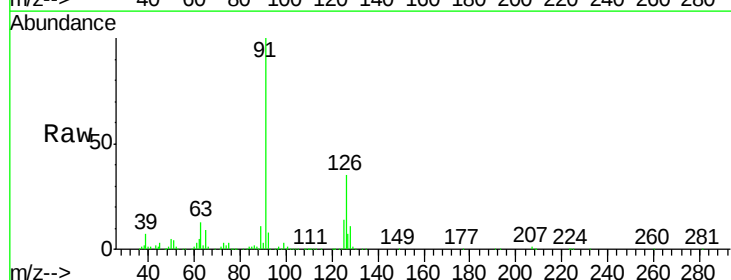
Manual Integrations
APPROVED

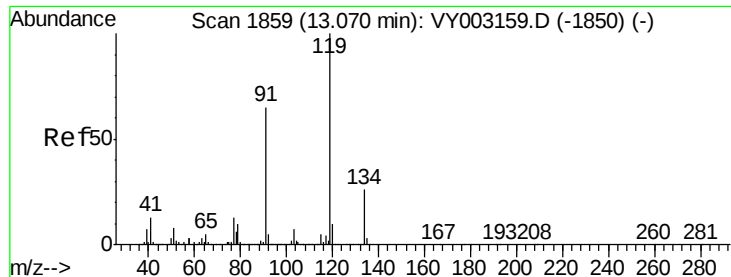
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#82
4-Chlorotoluene
Concen: 46.259 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.9	53.7





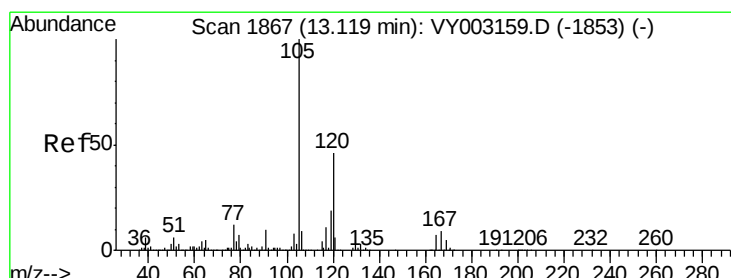
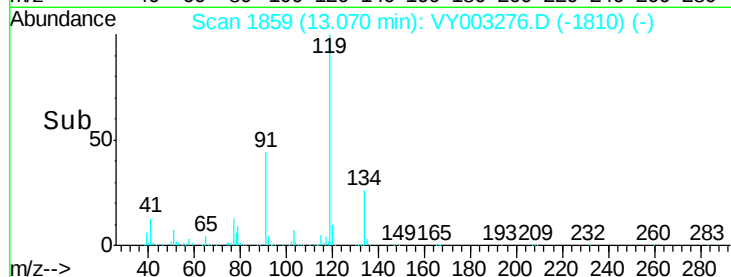
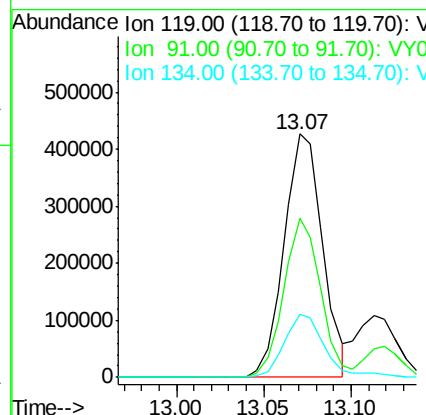
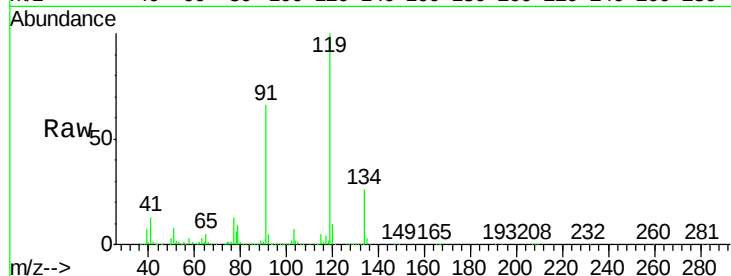
#83
tert-Butylbenzene
Concen: 45.084 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.8	30.8	92.4
134	27.3	13.2	39.6

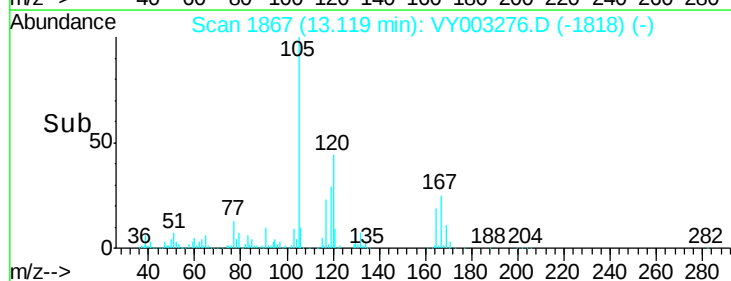
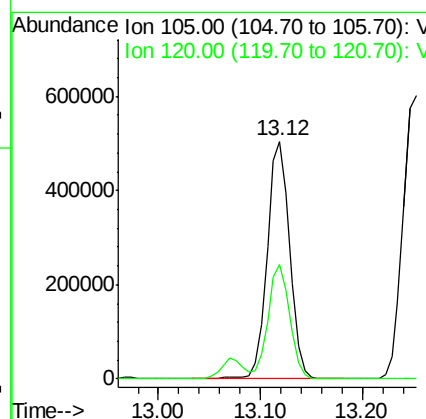
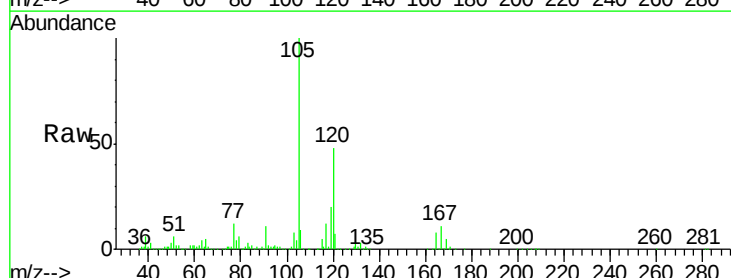
Manual Integrations
APPROVED

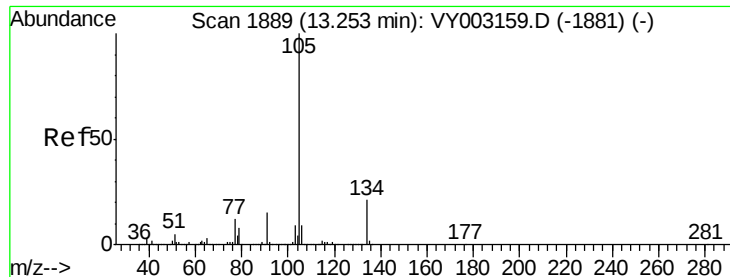
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 46.495 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.5	67.5





#85

sec-Butylbenzene

Concen: 45.021 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 899858

Ion Ratio Lower Upper

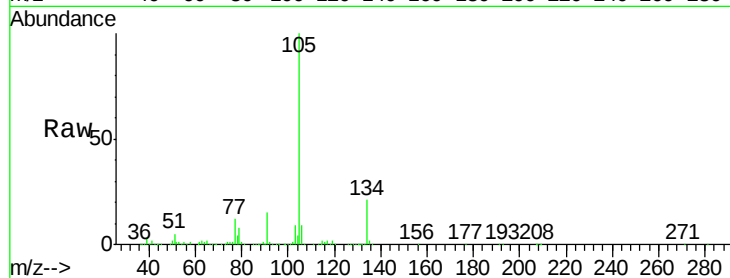
105 100

134 20.9 10.4 31.4

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

Ion 134.00 (133.70 to 134.70): V

13.25

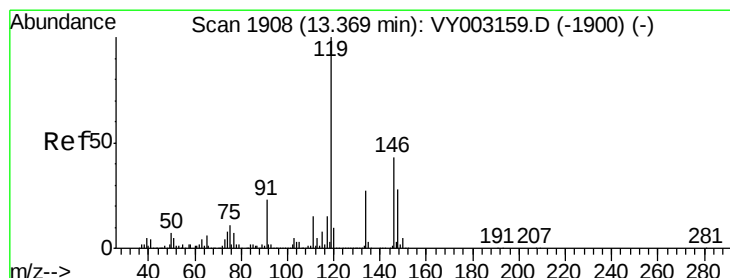
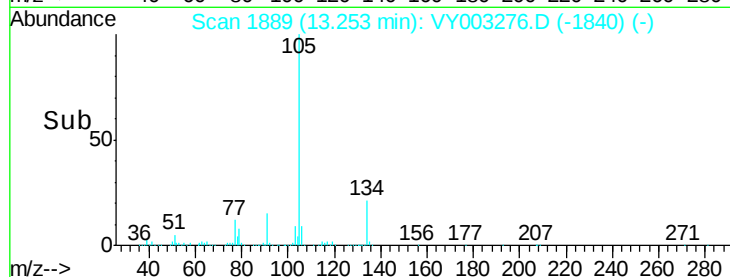
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 45.127 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003276.D

Acq: 22 Jul 2020 02:01

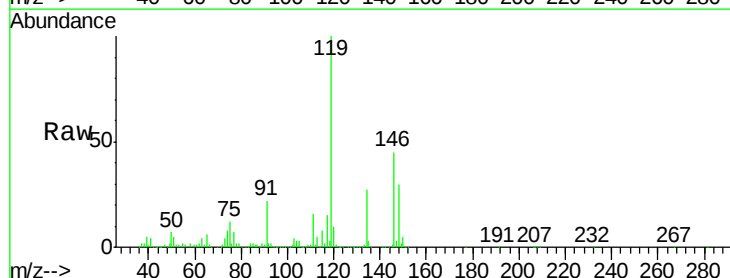
Tgt Ion:119 Resp: 842180

Ion Ratio Lower Upper

119 100

134 27.5 13.4 40.2

91 22.4 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

800000

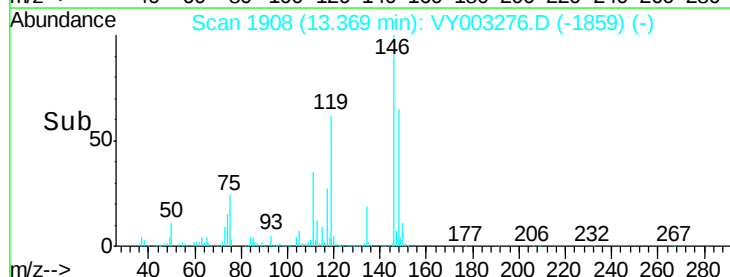
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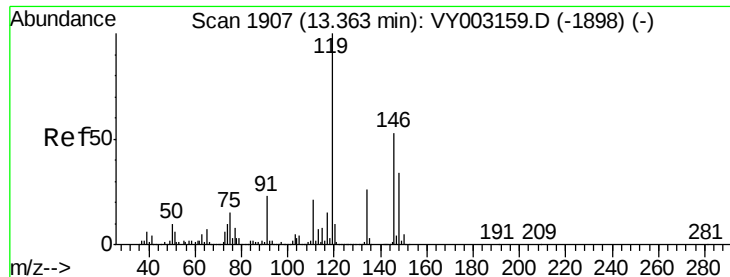
400000

200000

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Time-->





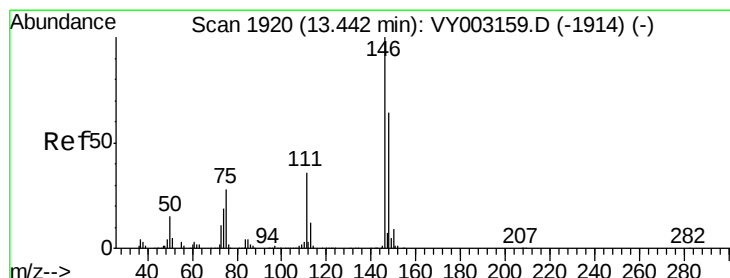
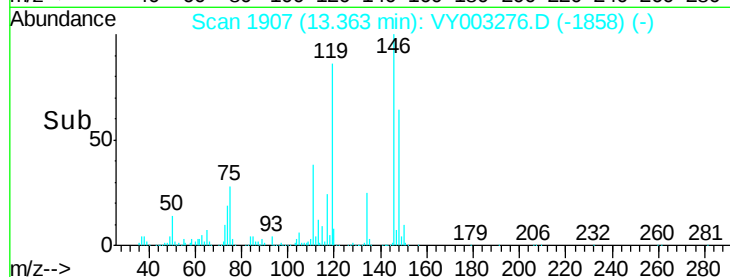
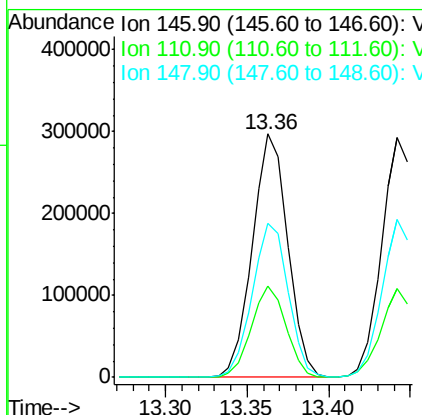
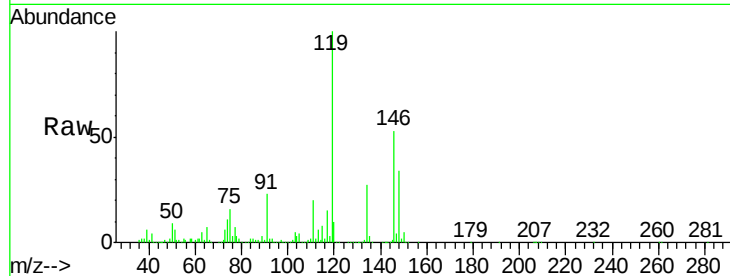
#87
 1,3-Dichlorobenzene
 Concen: 47.123 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.3
148	64.1	32.3	96.9

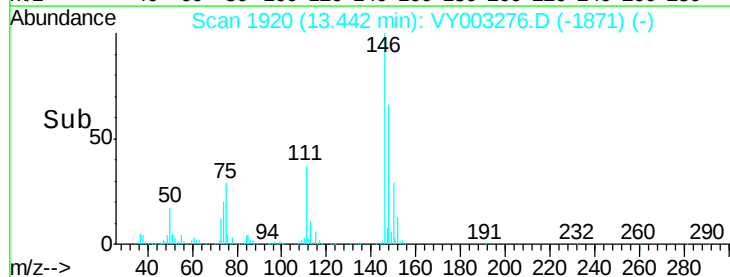
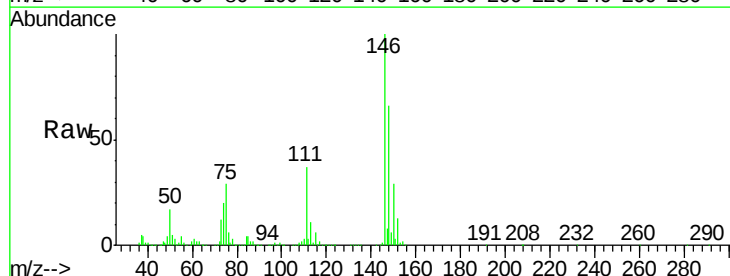
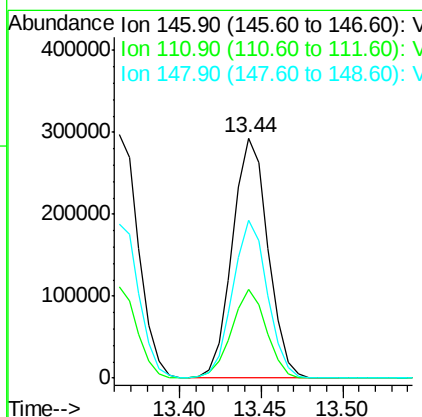
Manual Integrations
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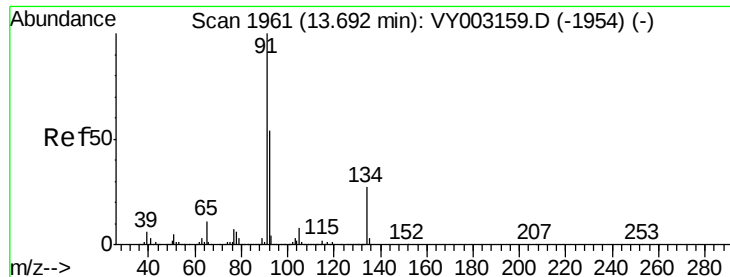
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 7/22/2020 2:43:31 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.147 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.0
148	64.1	32.0	96.0





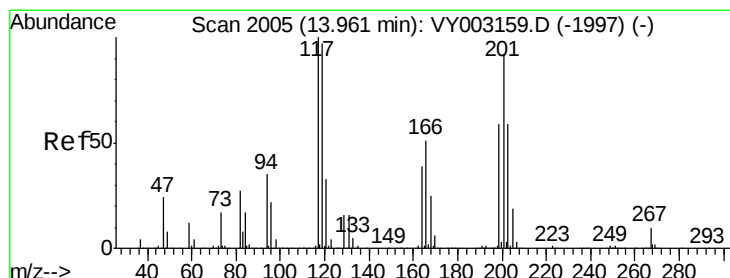
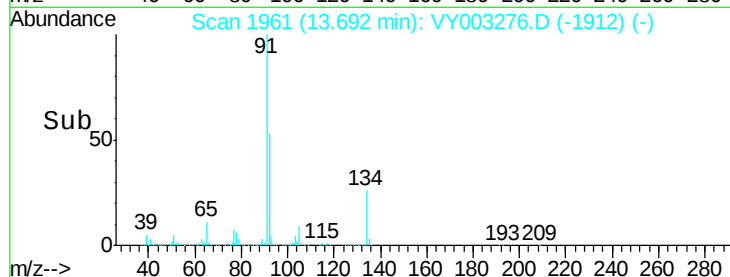
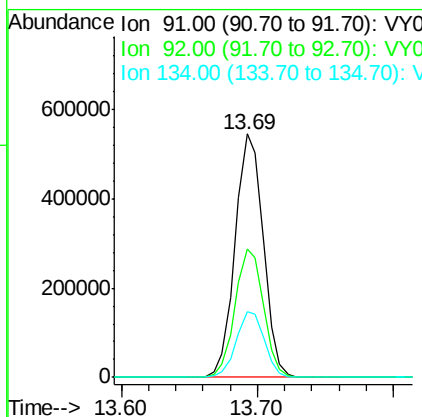
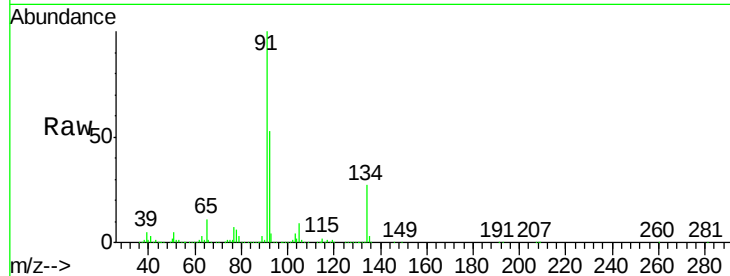
#89
n-Butylbenzene
Concen: 44.649 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		783778		
92	53.4	26.9	80.7		
134	26.9	13.6	40.7		

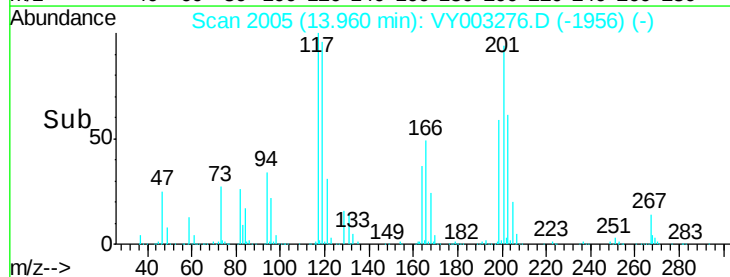
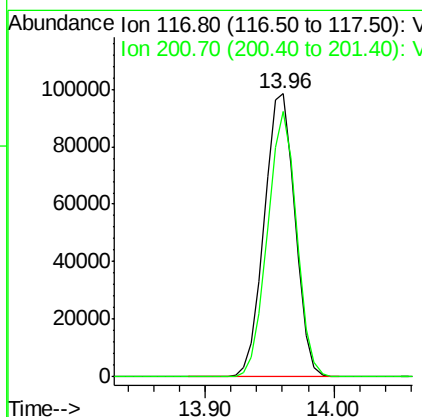
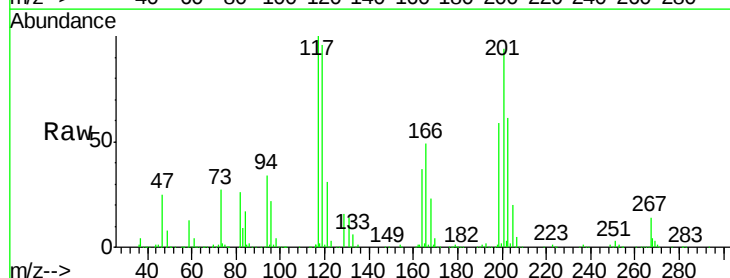
Manual Integrations
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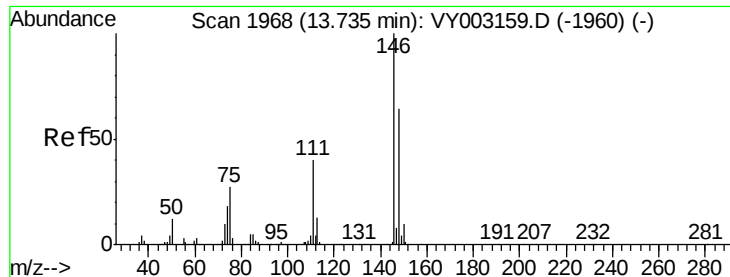
MMDadoda
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#90
Hexachloroethane
Concen: 48.119 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		163540		
201	88.8	45.1	135.3		





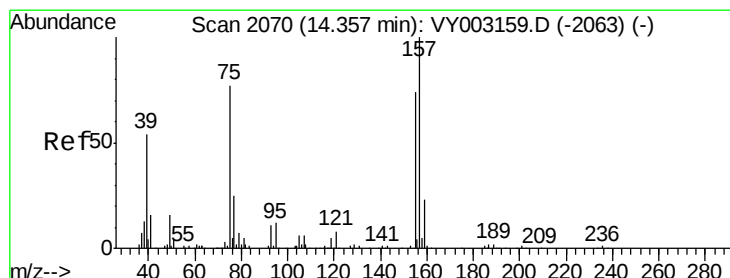
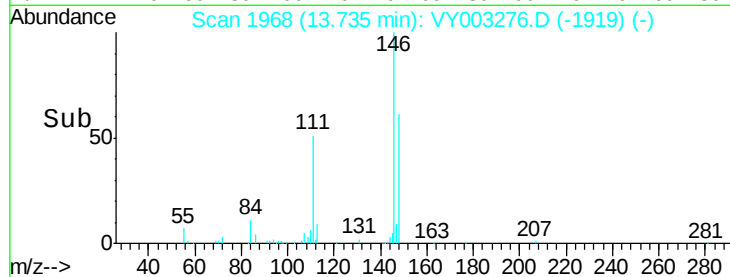
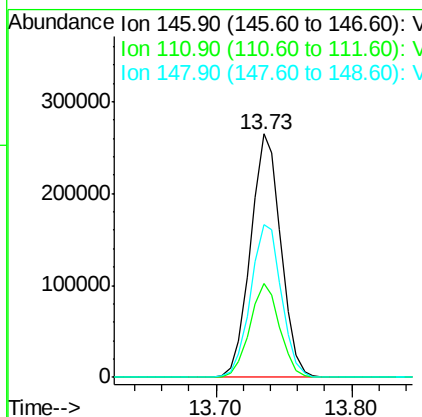
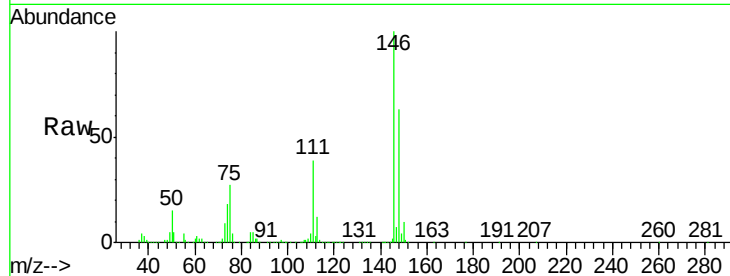
#91
 1,2-Dichlorobenzene
 Concen: 49.377 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.6	58.8
148	64.0	32.4	97.0

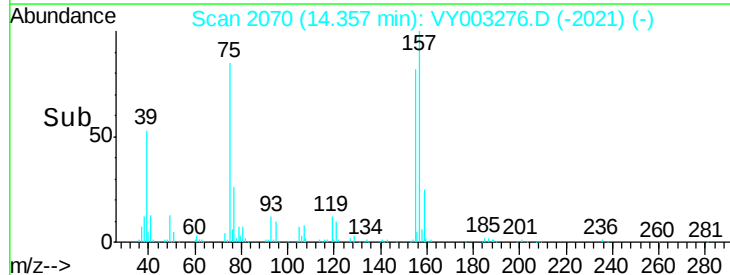
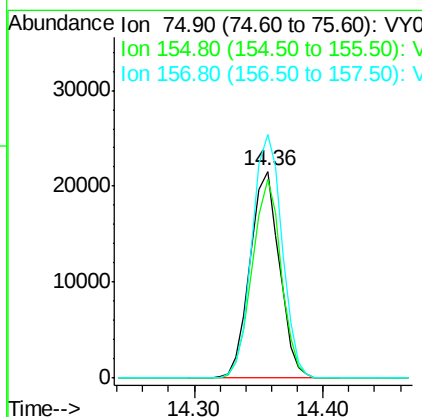
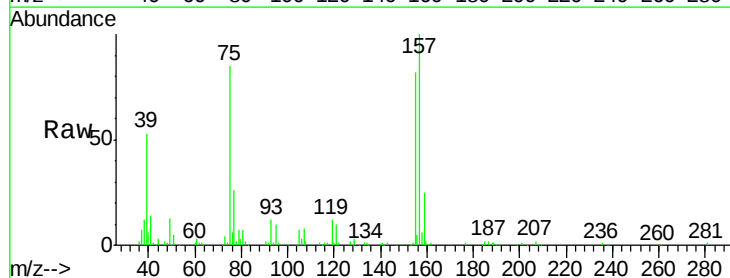
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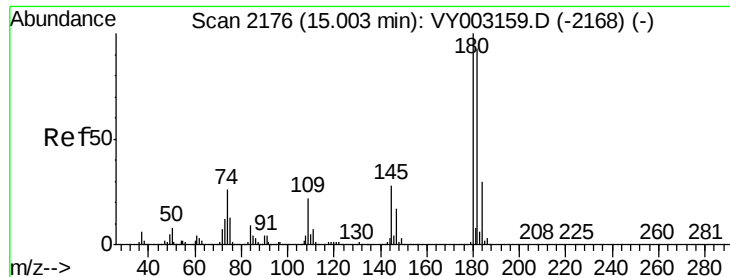
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.807 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.6	48.1	144.3
157	119.5	61.9	185.6





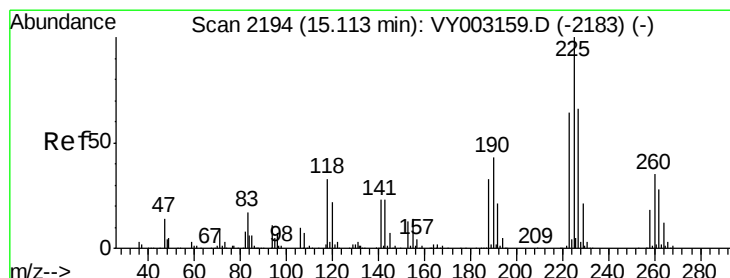
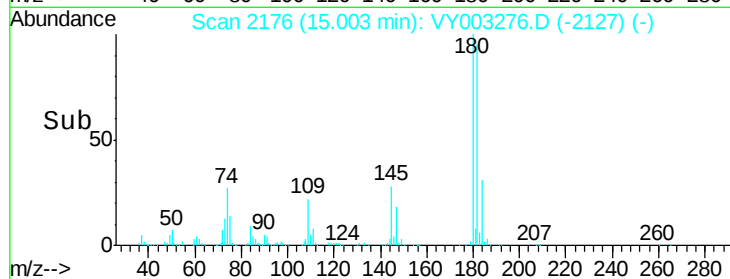
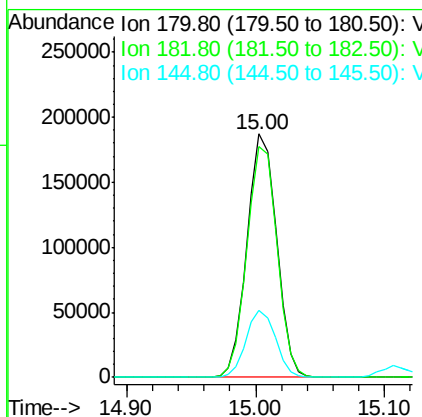
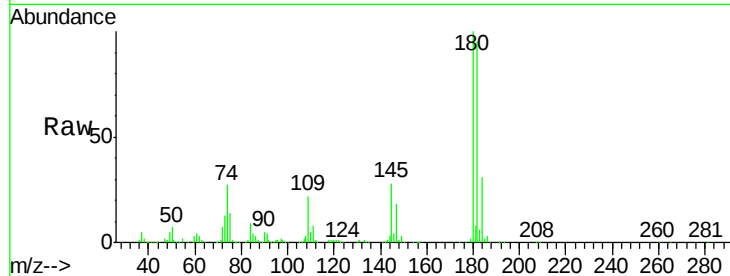
#93
 1,2,4-Trichlorobenzene
 Concen: 49.788 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	296285		
182	96.4	47.3	142.0	
145	27.6	13.7	41.1	

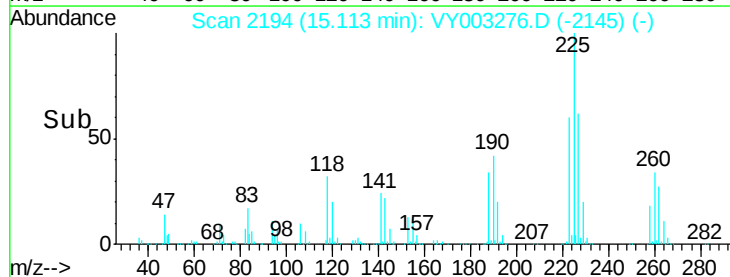
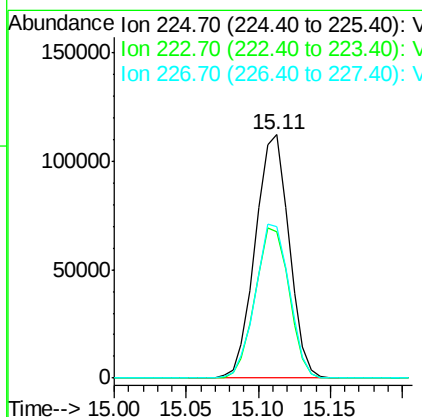
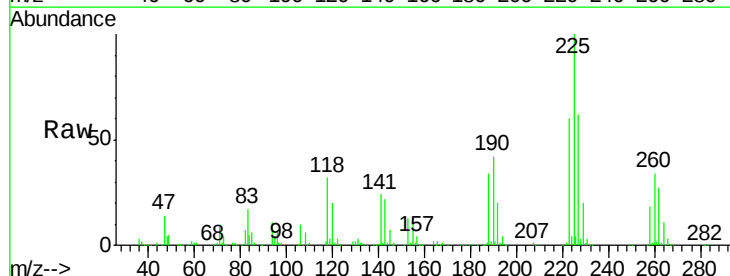
Manual Integrations
 APPROVED

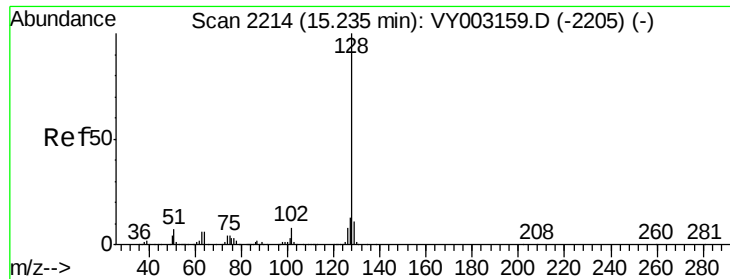
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#94
 Hexachlorobutadiene
 Concen: 44.608 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003276.D
 Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	181896		
223	62.2	31.6	94.7	
227	63.9	32.3	96.8	





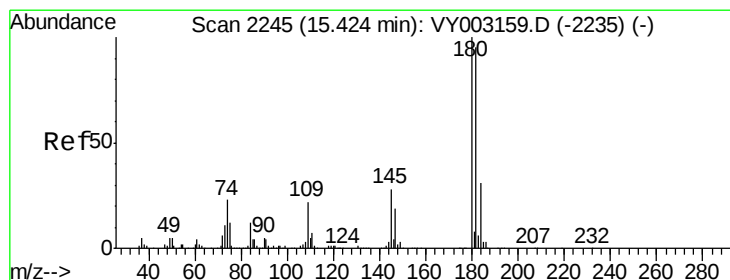
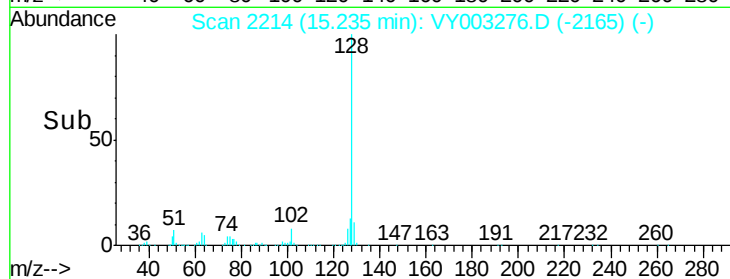
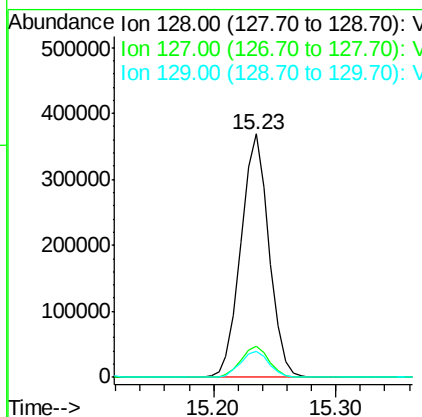
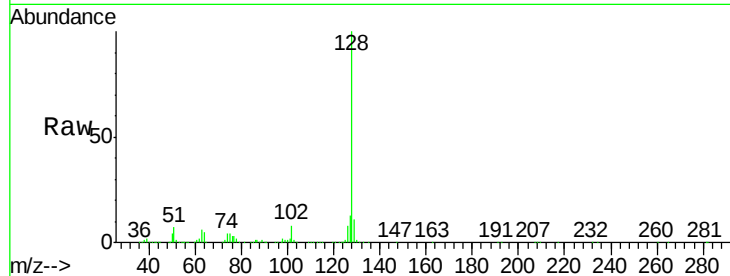
#95
Naphthalene
Concen: 59.459 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.9	16.3
129	10.9	9.0	13.6

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 56.730 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003276.D
Acq: 22 Jul 2020 02:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.8	146.3
145	28.9	14.9	44.5

