

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002573.D
 Acq On : 05 May 2020 04:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:29:27 AM

Quant Time: May 05 09:25:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	317223	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	514033	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	482232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	248815	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	158719	59.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.02%	
35) Dibromofluoromethane	7.75	113	162274	55.20	ug/l	0.01
Spiked Amount	50.000		Recovery	=	110.40%	
50) Toluene-d8	10.20	98	612443	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
62) 4-Bromofluorobenzene	12.50	95	215076	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	114849	44.036	ug/l	98
3) Chloromethane	2.13	50	138238	53.787	ug/l	99
4) Vinyl Chloride	2.27	62	147177	49.593	ug/l	100
5) Bromomethane	2.67	94	113025	55.227	ug/l	98
6) Chloroethane	2.82	64	93985	53.039	ug/l	98
7) Trichlorofluoromethane	3.15	101	219053	47.626	ug/l	98
8) Diethyl Ether	3.56	74	95938	62.070	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	136541	48.573	ug/l	99
10) Methyl Iodide	4.13	142	217649	56.831	ug/l	99
11) Tert butyl alcohol	4.99	59	70651	257.459	ug/l	99
12) 1,1-Dichloroethene	3.90	96	136981	50.161	ug/l	99
13) Acrolein	3.76	56	48970	258.063	ug/l	97
14) Allyl chloride	4.52	41	225169	56.592	ug/l	98
15) Acrylonitrile	5.21	53	220893	303.052	ug/l	99
16) Acetone	3.98	43	156044	283.476	ug/l	100
17) Carbon Disulfide	4.23	76	426912	51.965	ug/l	100
18) Methyl Acetate	4.52	43	110229	59.932	ug/l	98
19) Methyl tert-butyl Ether	5.26	73	434160	60.938	ug/l	98
20) Methylene Chloride	4.75	84	177249	57.581	ug/l	99
21) trans-1,2-Dichloroethene	5.26	96	166255	55.702	ug/l	97
22) Diisopropyl ether	6.16	45	509706	63.312	ug/l	97
23) Vinyl Acetate	6.10	43	1561509	308.413	ug/l	98
24) 1,1-Dichloroethane	6.06	63	277179	58.197	ug/l	100
25) 2-Butanone	7.02	43	265461	294.604	ug/l	98
26) 2,2-Dichloropropane	7.02	77	201026	44.404	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	193518	58.596	ug/l	98
28) Bromochloromethane	7.37	49	122963	63.013	ug/l	100
29) Tetrahydrofuran	7.38	42	180905	303.446	ug/l	99
30) Chloroform	7.54	83	290001	58.560	ug/l	99
31) Cyclohexane	7.82	56	229646	47.902	ug/l	93
32) 1,1,1-Trichloroethane	7.74	97	241403	52.446	ug/l	100
36) 1,1-Dichloropropene	7.95	75	205202	47.620	ug/l	100
37) Ethyl Acetate	7.11	43	121988	55.089	ug/l	99
38) Carbon Tetrachloride	7.93	117	218615	46.468	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	258699	45.453	ug/l	99
40) Benzene	8.19	78	659497	52.989	ug/l	100
41) Methacrylonitrile	7.36	41	70682m	59.366	ug/l	
42) 1,2-Dichloroethane	8.27	62	189342	54.236	ug/l	99
43) Isopropyl Acetate	8.30	43	233102	56.151	ug/l	99
44) Trichloroethene	8.96	130	202309	52.014	ug/l	98
45) 1,2-Dichloropropane	9.24	63	166658	55.483	ug/l	100
46) Dibromomethane	9.33	93	96707	55.957	ug/l	99
47) Bromodichloromethane	9.52	83	231935	55.193	ug/l	99
48) Methyl methacrylate	9.32	41	105385	56.093	ug/l	99
49) 1,4-Dioxane	9.32	88	25003	1092.673	ug/l	98
51) 4-Methyl-2-Pentanone	10.09	43	597480	279.227	ug/l	100
52) Toluene	10.26	92	421597	52.709	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	237485	53.938	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	272514	53.539	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	141719	56.232	ug/l	99
56) Ethyl methacrylate	10.53	69	191532	57.128	ug/l	99
57) 1,3-Dichloropropane	10.81	76	239508	56.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	504385	285.275	ug/l	99
59) 2-Hexanone	10.85	43	414554	281.486	ug/l	100
60) Dibromochloromethane	11.00	129	178425	55.663	ug/l	100
61) 1,2-Dibromoethane	11.11	107	137540	55.116	ug/l	100
64) Tetrachloroethene	10.74	164	228225	53.266	ug/l	97
65) Chlorobenzene	11.53	112	476446	51.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	181301	53.278	ug/l	99
67) Ethyl Benzene	11.61	91	815529	50.645	ug/l	98
68) m/p-Xylenes	11.72	106	628798	100.921	ug/l	100
69) o-Xylene	12.04	106	304453	52.188	ug/l	100
70) Styrene	12.06	104	536992	53.844	ug/l	98
71) Bromoform	12.22	173	113489	53.733	ug/l #	100
73) Isopropylbenzene	12.34	105	788911	48.923	ug/l	100
74) N-amyl acetate	12.16	43	215501	55.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	125794	49.051	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	94721m	42.838	ug/l	
77) Bromobenzene	12.63	156	209275	51.945	ug/l	99
78) n-propylbenzene	12.69	91	912085	48.740	ug/l	100
79) 2-Chlorotoluene	12.77	91	522800	50.435	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	673722	50.402	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	54129	49.087	ug/l	96
82) 4-Chlorotoluene	12.87	91	553704	50.852	ug/l	99
83) tert-Butylbenzene	13.09	119	580036	49.490	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	683435	51.303	ug/l	99
85) sec-Butylbenzene	13.27	105	785916	48.324	ug/l	99
86) p-Isopropyltoluene	13.38	119	743513	48.791	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	388285	50.921	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	386756	51.223	ug/l	100
89) n-Butylbenzene	13.71	91	657814	47.418	ug/l	100
90) Hexachloroethane	13.97	117	142572	51.375	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	354555	52.110	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	24790	51.856	ug/l	99

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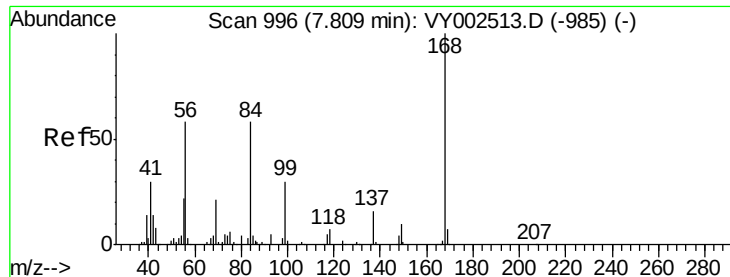
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	243930	49.380	ug/l	100
94) Hexachlorobutadiene	15.12	225	139183	46.940	ug/l	99
95) Naphthalene	15.25	128	469799	52.134	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	213686	50.956	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 317223

Ion Ratio Lower Upper

168 100

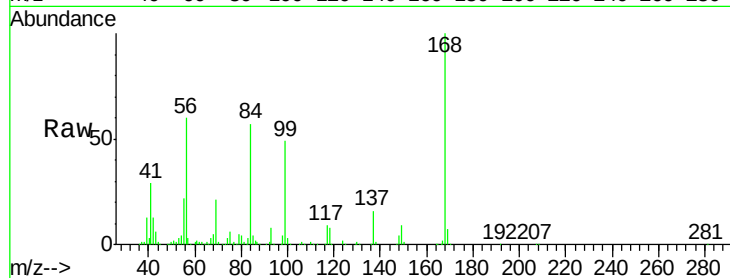
99 49.3 39.2 58.8

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

150000

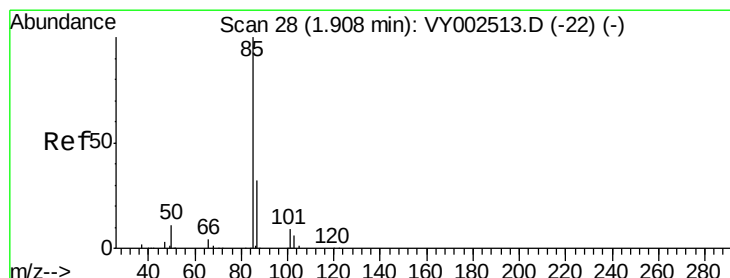
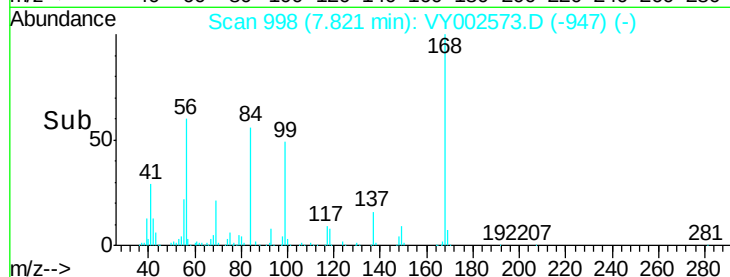
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.036 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002573.D

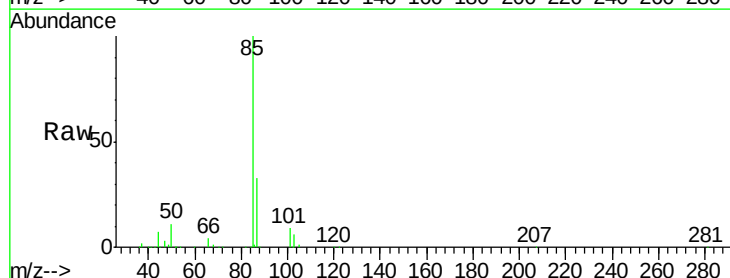
Acq: 05 May 2020 04:34

Tgt Ion: 85 Resp: 114849

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

80000

60000

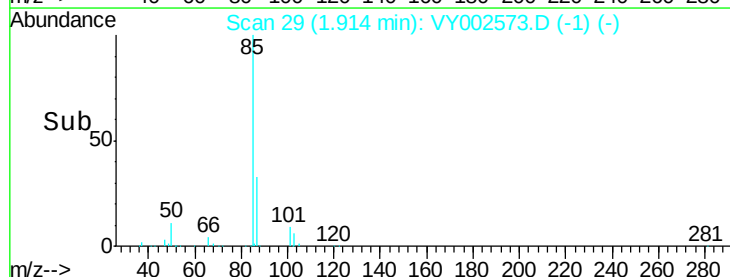
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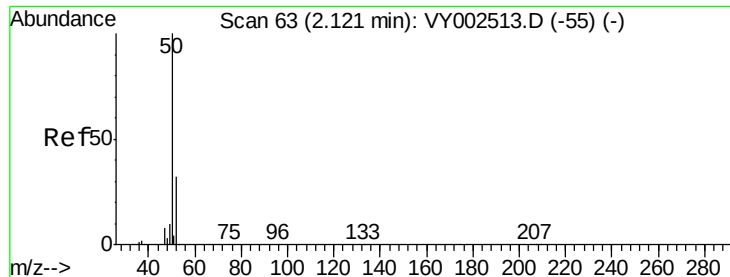
20000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 53.787 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 138238

Ion Ratio Lower Upper

50 100

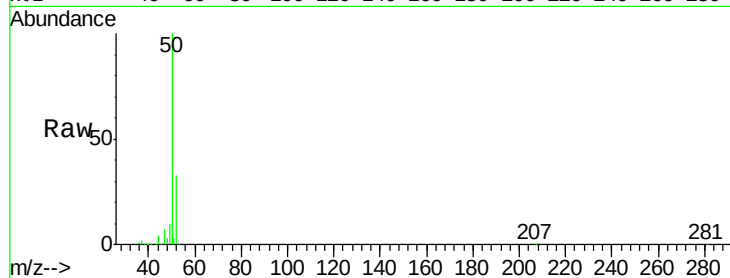
52 33.1 25.9 38.9

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.13

100000

80000

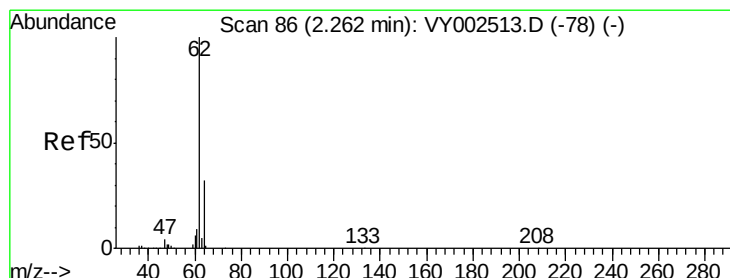
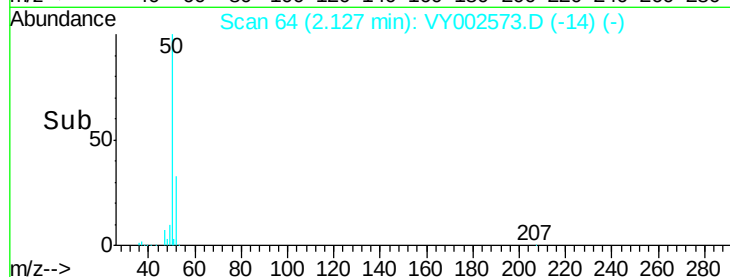
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 49.593 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002573.D

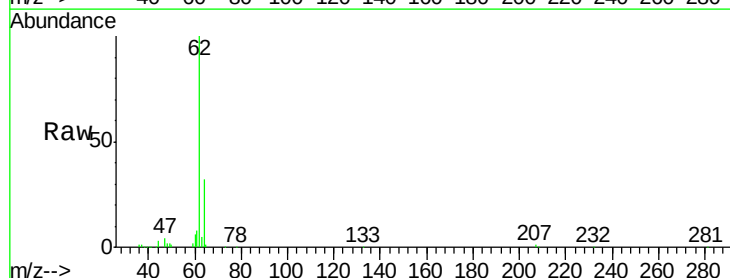
Acq: 05 May 2020 04:34

Tgt Ion: 62 Resp: 147177

Ion Ratio Lower Upper

62 100

64 31.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.27

100000

80000

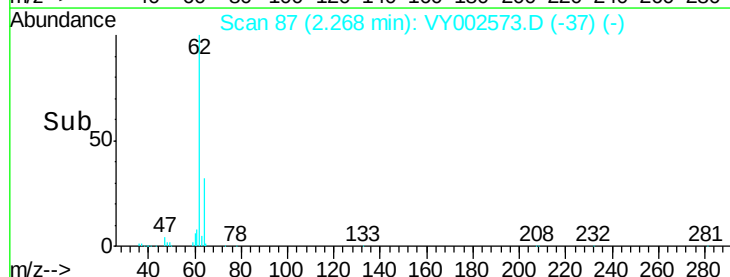
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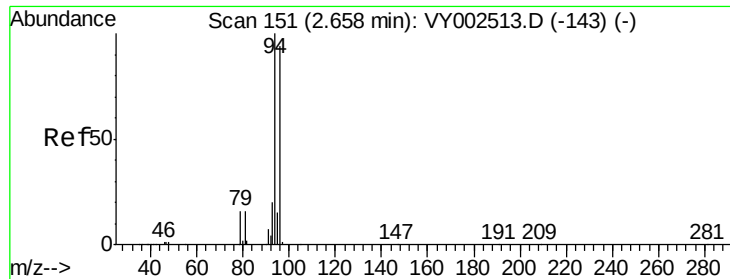
40000

20000

0

Time-->





#5

Bromomethane

Concen: 55.227 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 113025

Ion Ratio Lower Upper

94 100

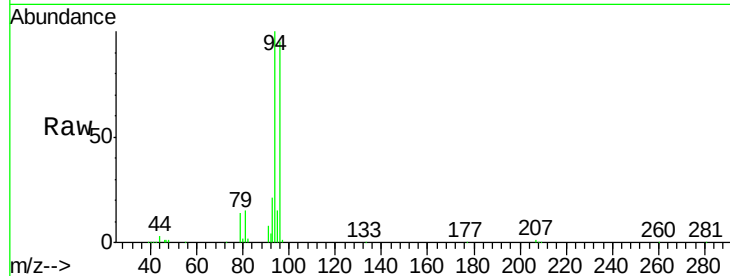
96 95.3 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.67

60000

50000

40000

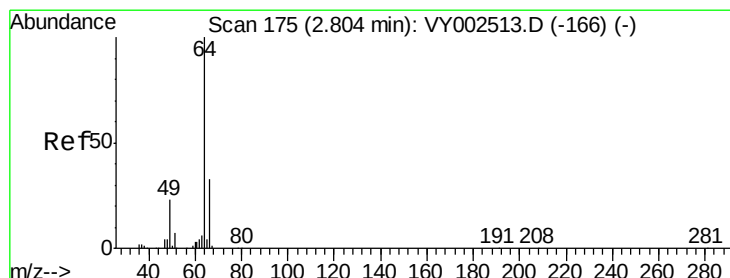
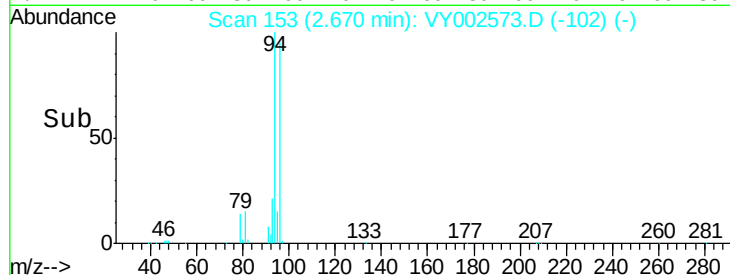
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 53.039 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002573.D

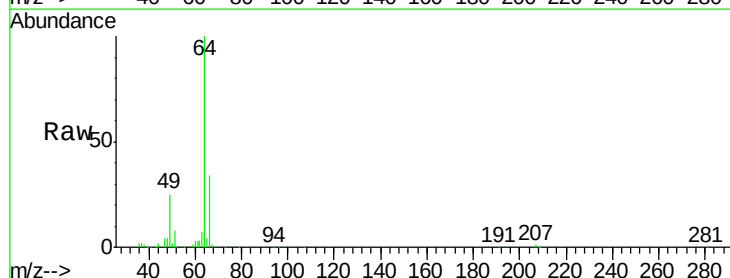
Acq: 05 May 2020 04:34

Tgt Ion: 64 Resp: 93985

Ion Ratio Lower Upper

64 100

66 34.0 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.82

50000

40000

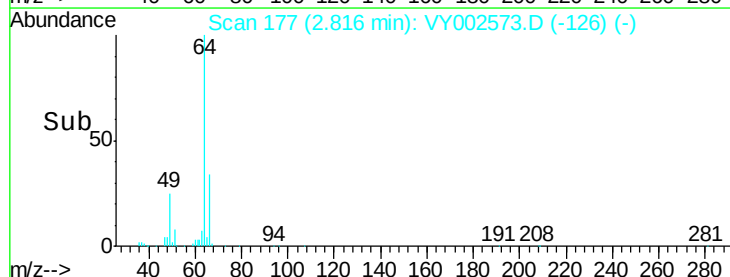
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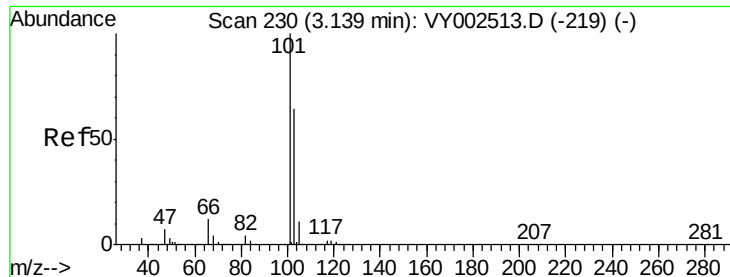
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10000

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Time-->





#7

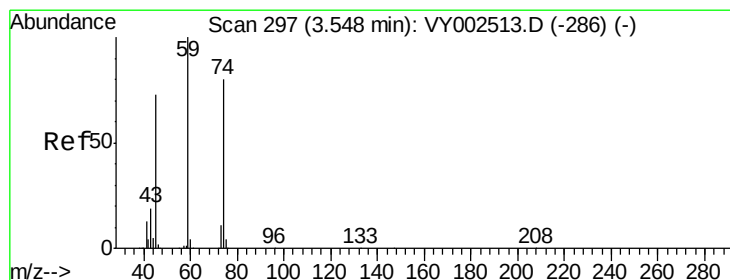
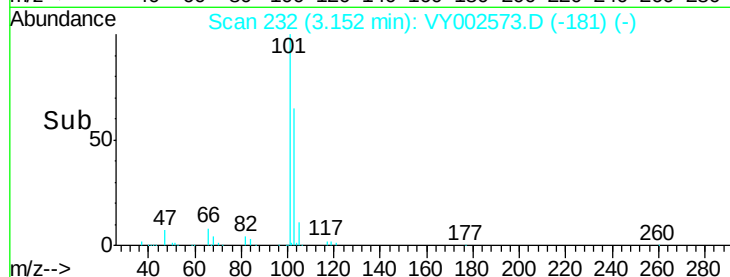
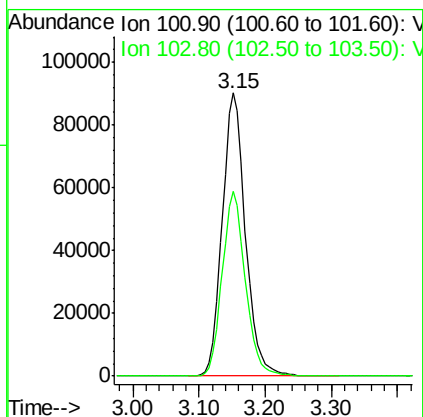
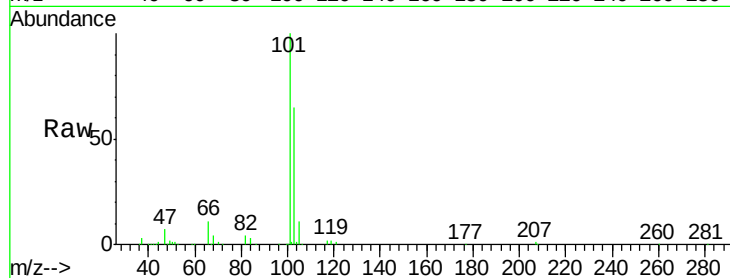
Trichlorofluoromethane
Concen: 47.626 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.4	77.0

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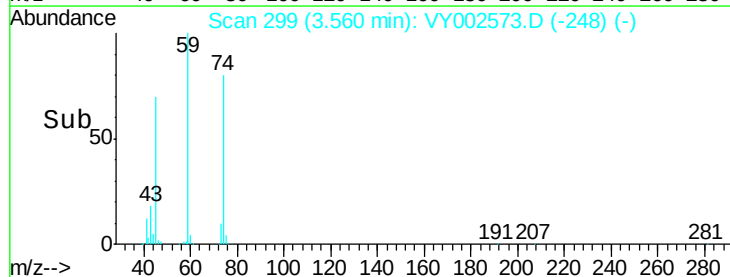
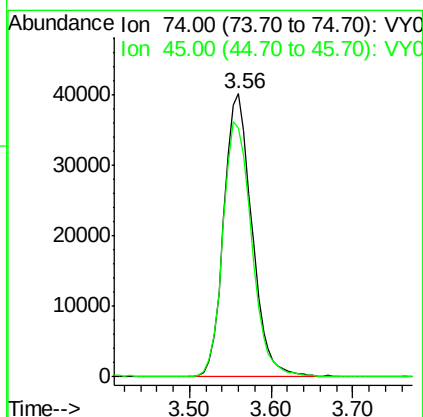
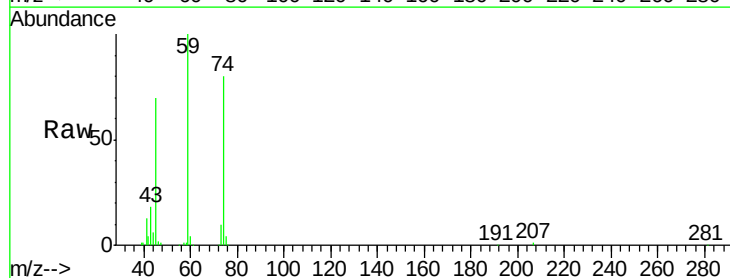
MMDadoda
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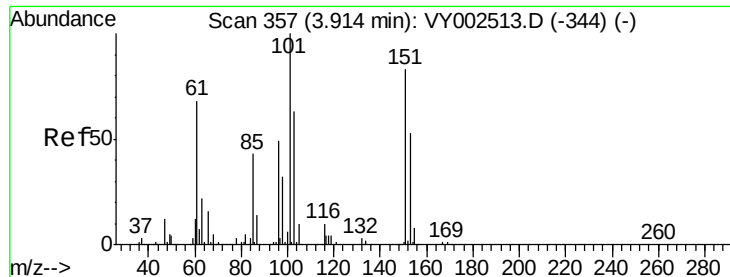


#8

Diethyl Ether
Concen: 62.070 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	46.2	138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.573 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.02 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

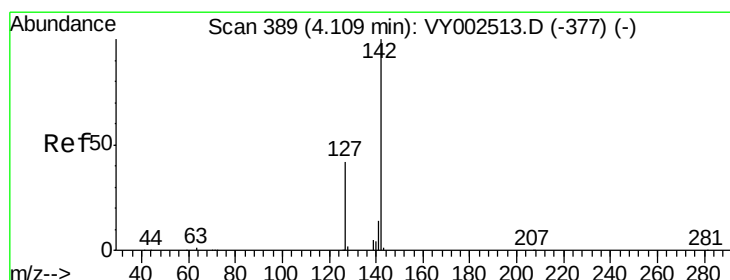
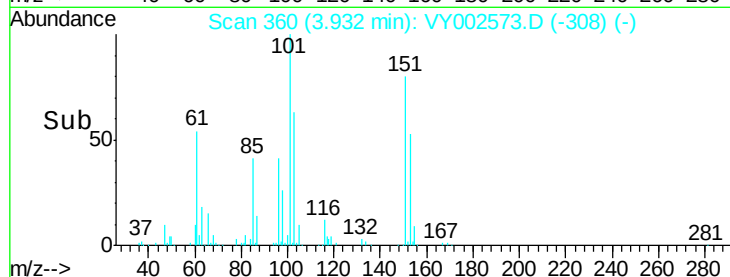
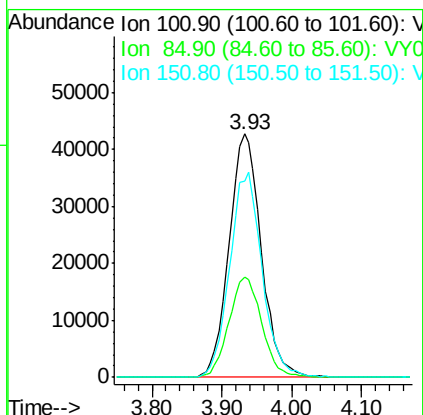
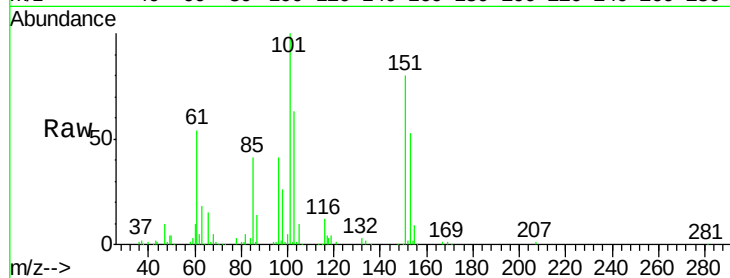
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	136541
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.4	50.2
151	85.0	66.8	100.2

Manual Integrations
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#10

Methyl Iodide

Concen: 56.831 ug/l

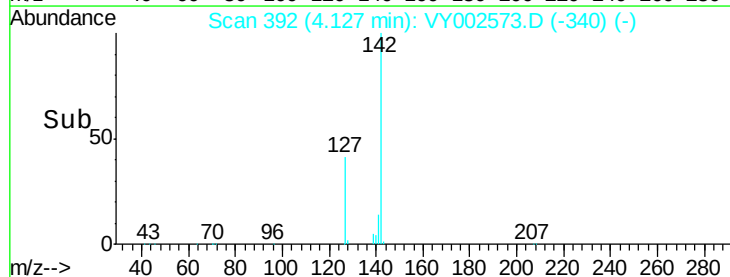
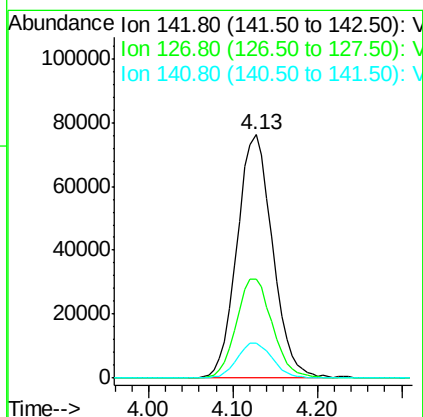
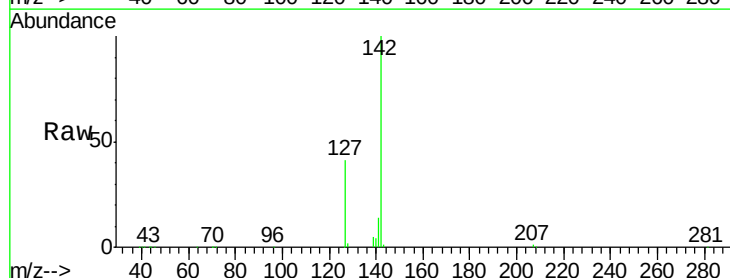
RT: 4.13 min Scan# 392

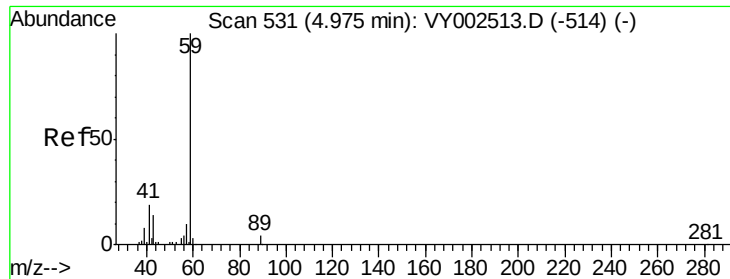
Delta R.T. 0.02 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Tgt Ion:	142	Resp:	217649
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.7	50.5
141	14.4	11.4	17.0





#11

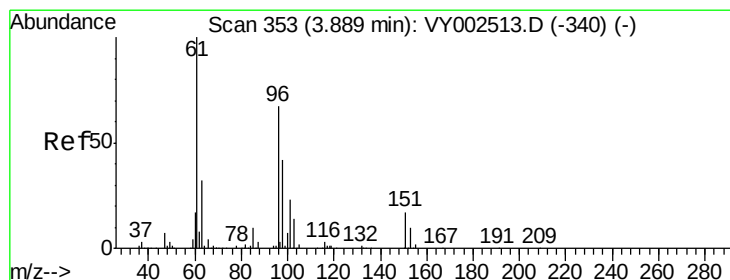
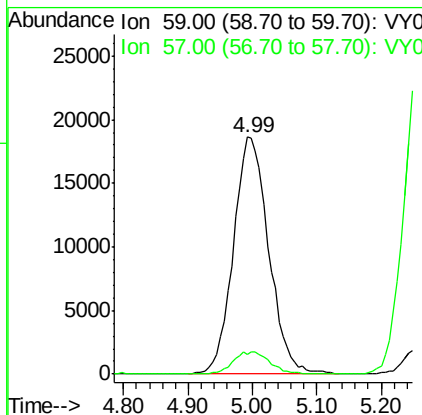
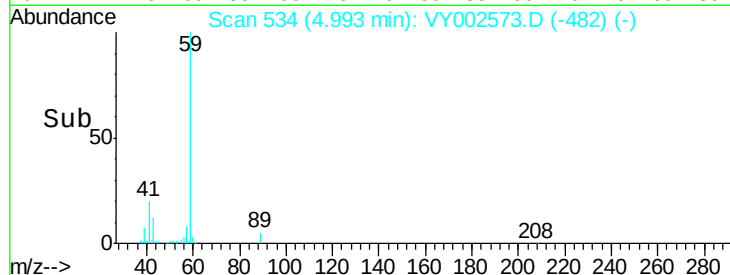
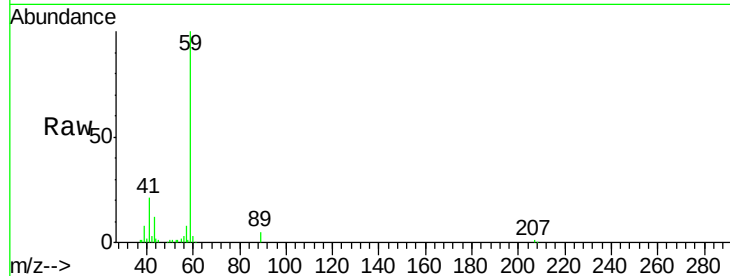
Tert butyl alcohol
Concen: 257.459 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.02 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.8	11.6

Manual Integrations
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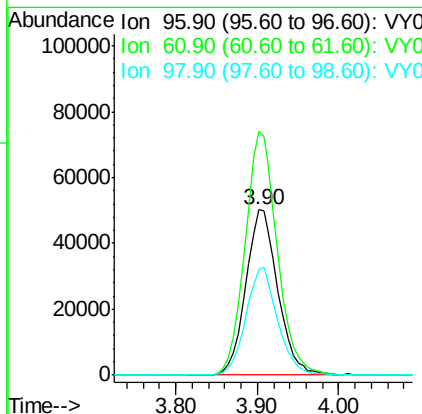
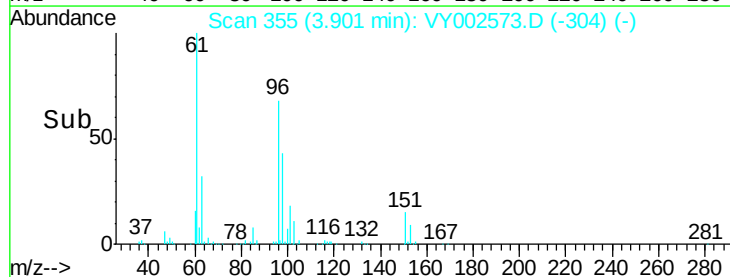
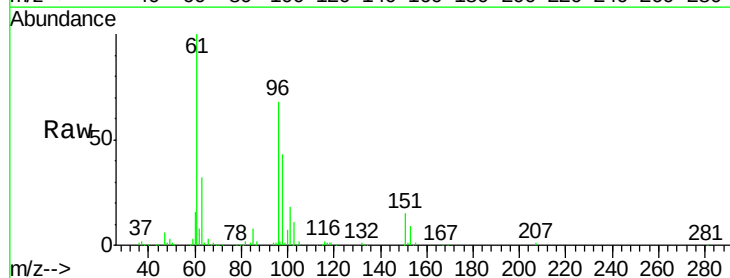
MMDadoda
5/5/2020 11:29:27 AM

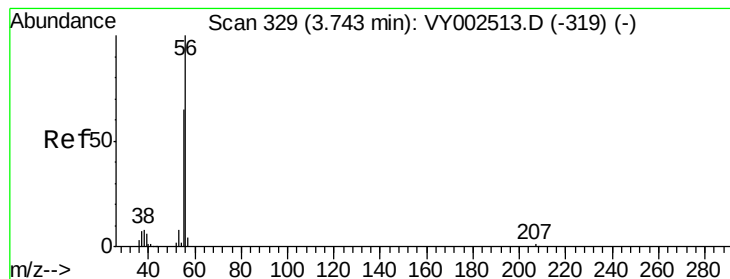


#12

1,1-Dichloroethene
Concen: 50.161 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.2	118.8	178.2
98	63.8	49.6	74.4





#13

Acrolein

Concen: 258.063 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.02 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 48970

Ion Ratio Lower Upper

56 100

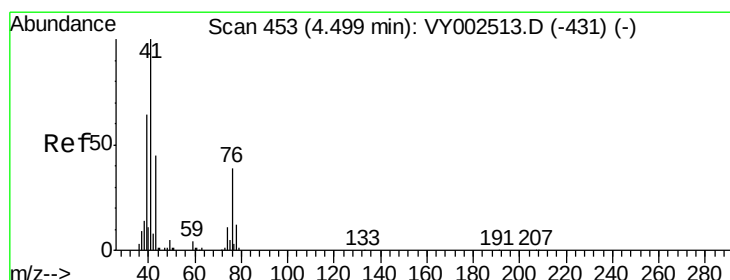
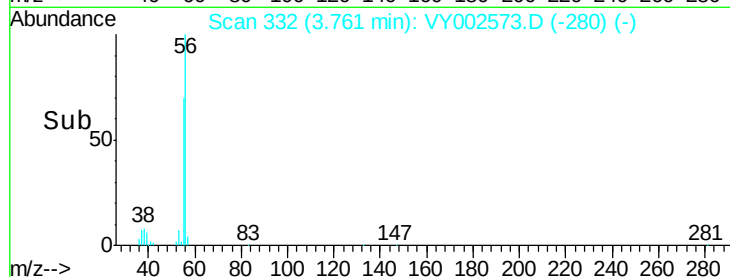
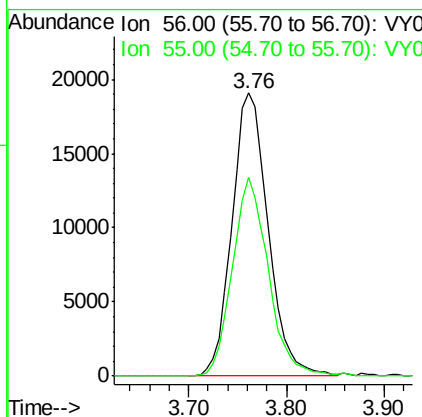
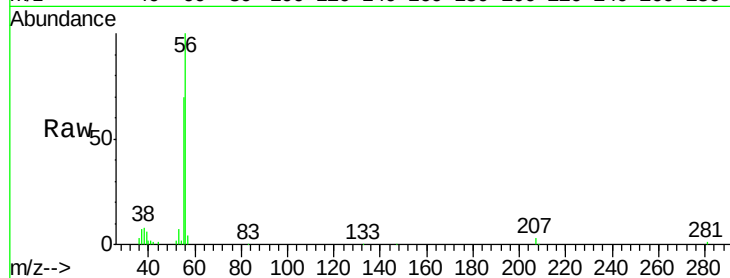
55 69.8 53.8 80.6

Manual Integrations

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#14

Allyl chloride

Concen: 56.592 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.02 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

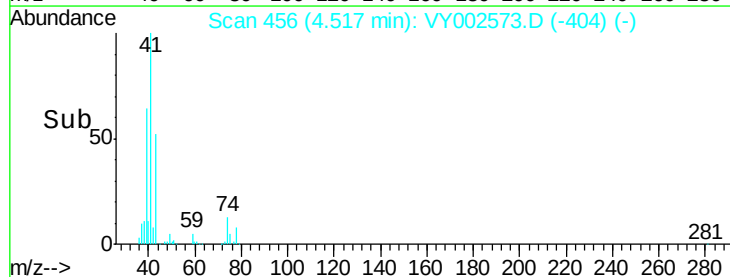
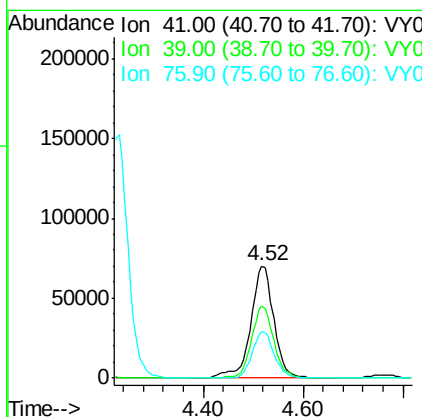
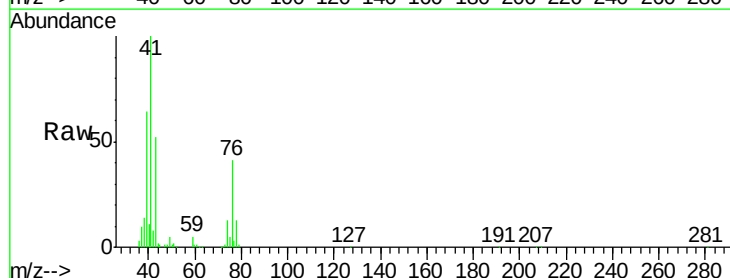
Tgt Ion: 41 Resp: 225169

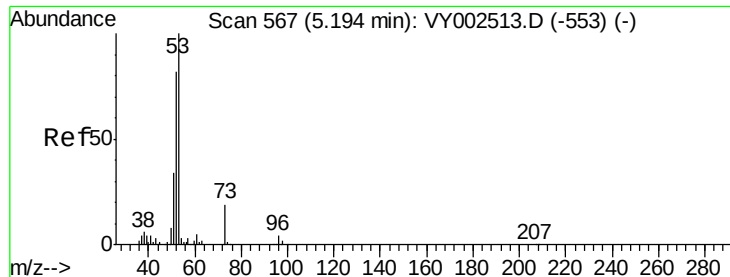
Ion Ratio Lower Upper

41 100

39 62.0 51.8 77.6

76 39.3 31.7 47.5





#15

Acrylonitrile

Concen: 303.052 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

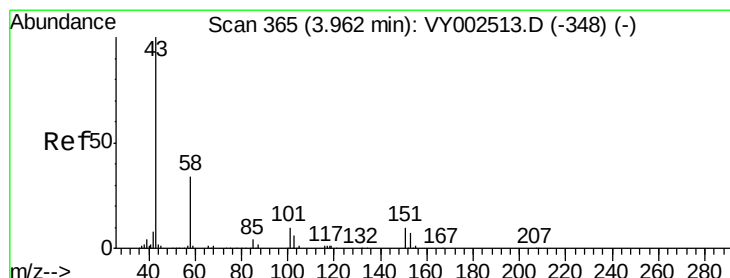
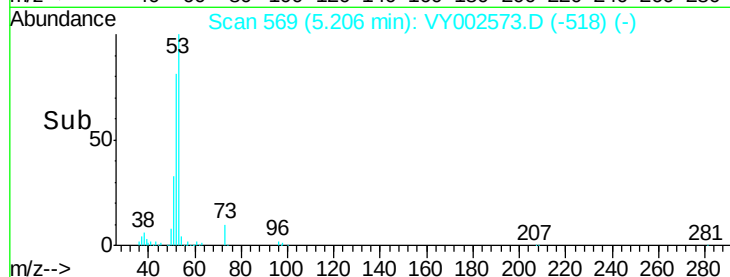
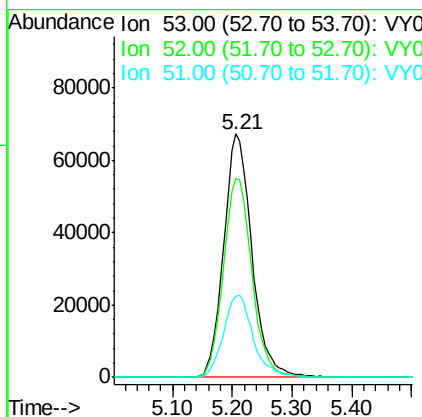
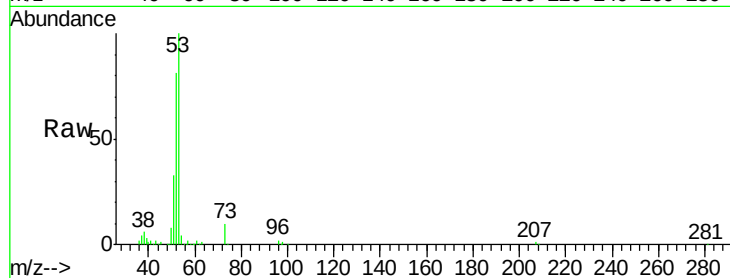
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	220893
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.4	98.0
51	35.7	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 283.476 ug/l

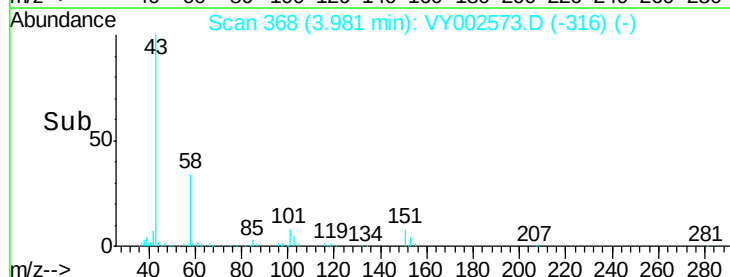
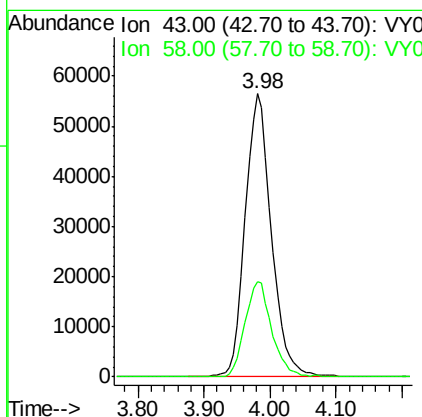
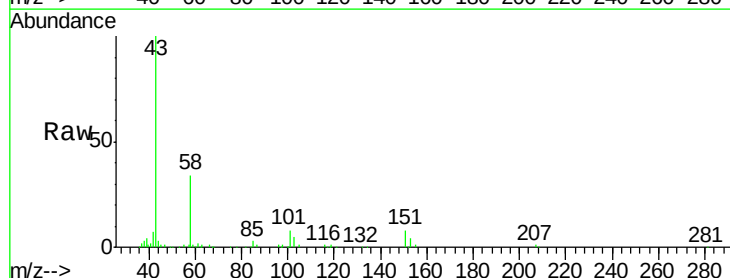
RT: 3.98 min Scan# 368

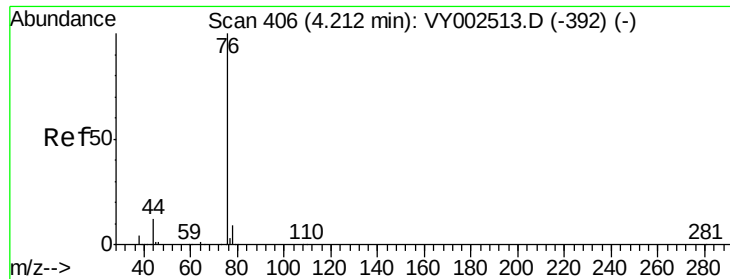
Delta R.T. 0.02 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Tgt Ion:	43	Resp:	156044
Ion	Ratio	Lower	Upper
43	100		
58	33.5	26.9	40.3





#17

Carbon Disulfide

Concen: 51.965 ug/l

RT: 4.23 min Scan# 409

Delta R.T. 0.02 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 426912

Ion Ratio Lower Upper

76 100

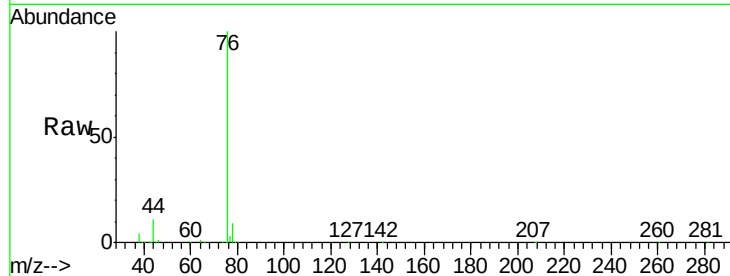
78 9.3 7.4 11.2

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.23

150000

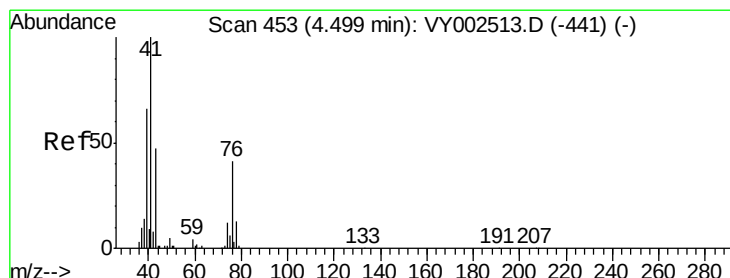
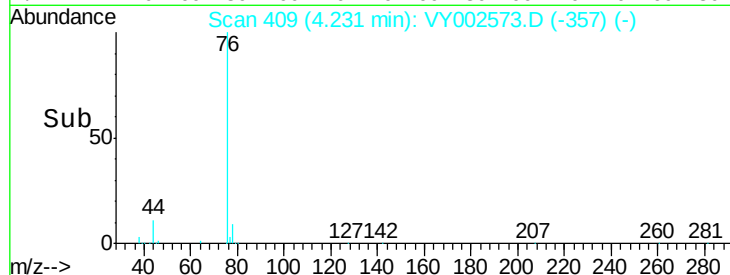
100000

50000

0

4.10 4.20 4.30 4.40

Time-->



#18

Methyl Acetate

Concen: 59.932 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.02 min

Lab File: VY002573.D

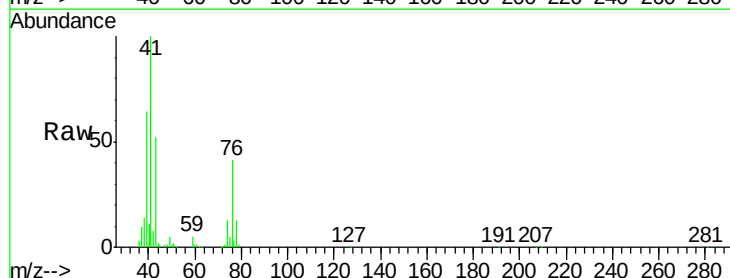
Acq: 05 May 2020 04:34

Tgt Ion: 43 Resp: 110229

Ion Ratio Lower Upper

43 100

74 25.6 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.52

40000

30000

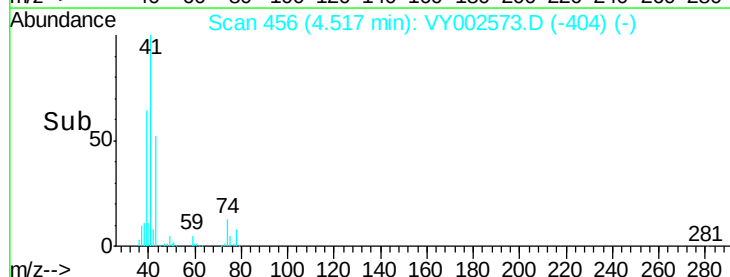
20000

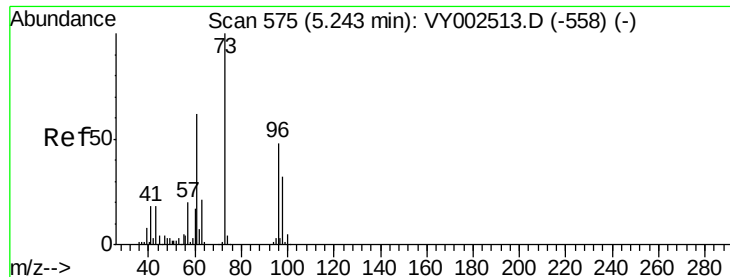
10000

0

4.40 4.50 4.60 4.70

Time-->





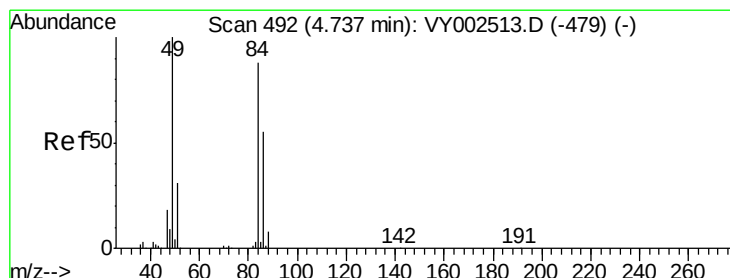
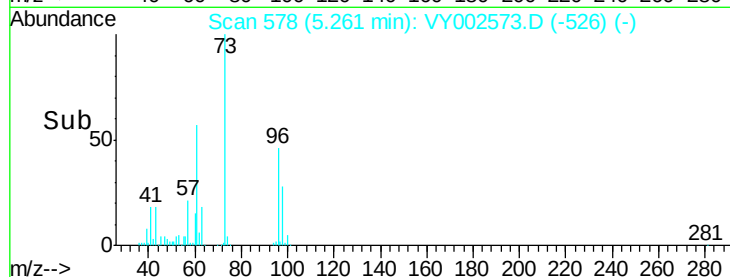
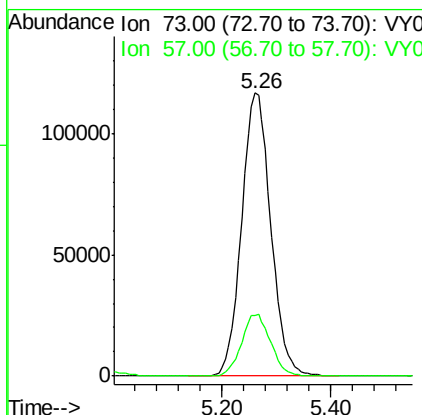
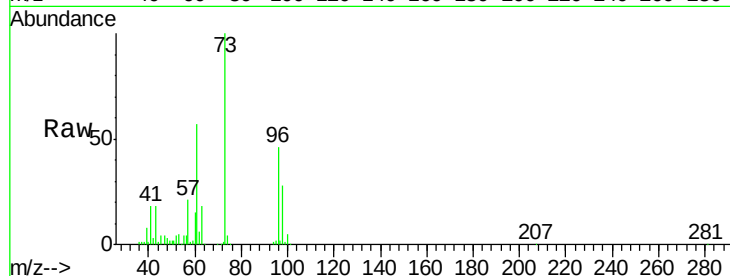
#19
Methyl tert-butyl Ether
Concen: 60.938 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.02 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.3	24.5

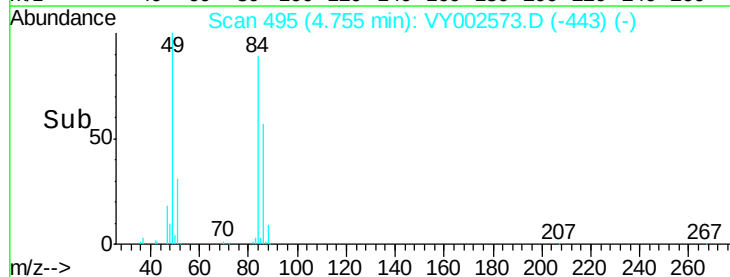
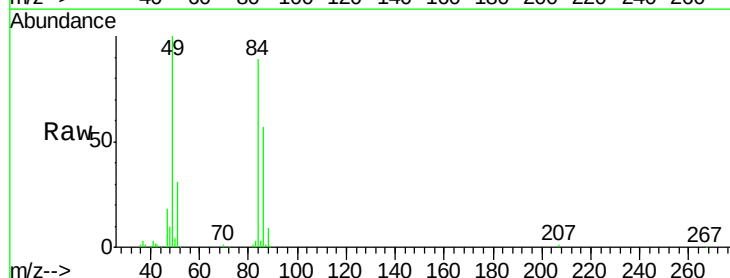
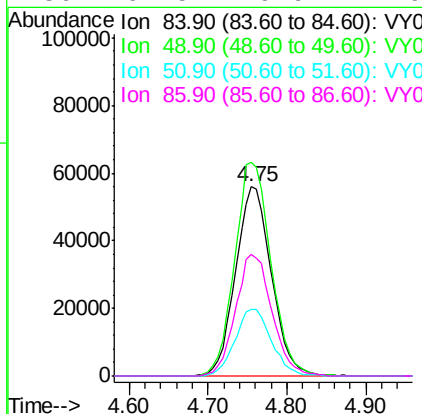
Manual Integrations
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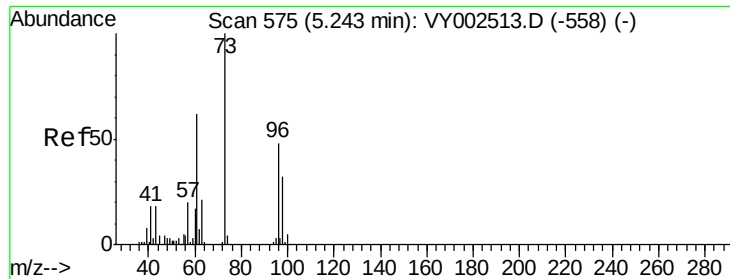
MMDadoda
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#20
Methylene Chloride
Concen: 57.581 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.02 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.9	90.5	135.7
51	35.1	28.3	42.5
86	64.5	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 55.702 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.02 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

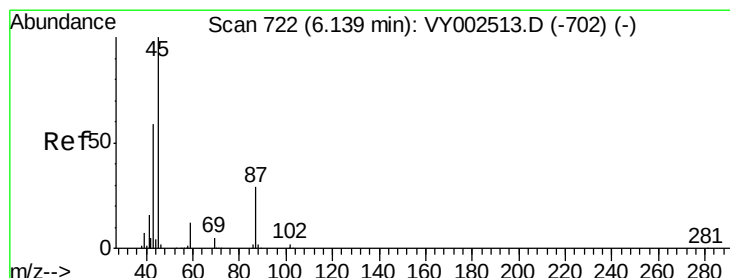
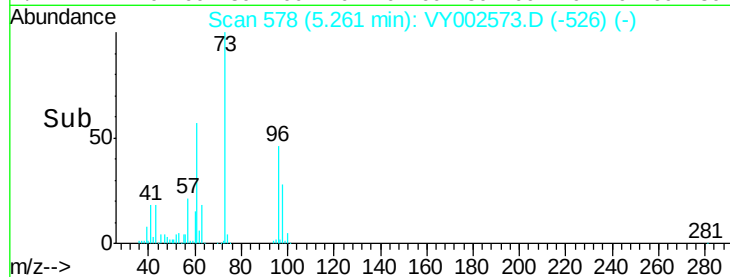
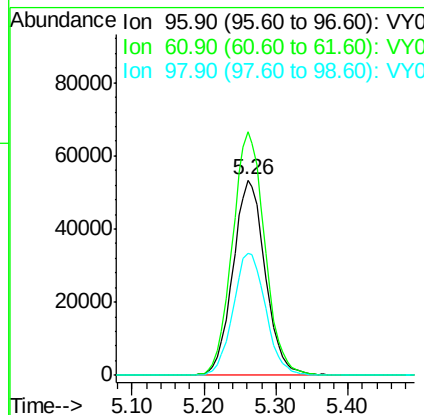
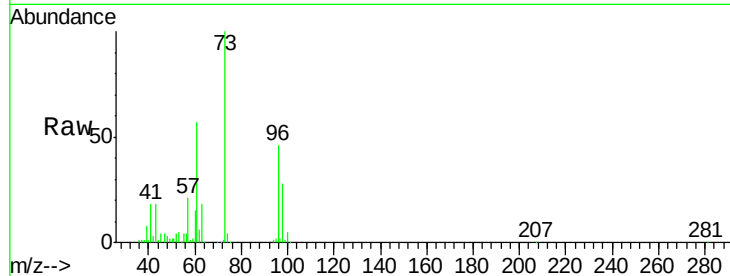
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	166255
Ion	Ratio	Lower	Upper
96	100		
61	124.5	102.0	153.0
98	62.1	53.0	79.4

Manual Integrations
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5/5/2020 11:29:27 AM



#22

Diisopropyl ether

Concen: 63.312 ug/l

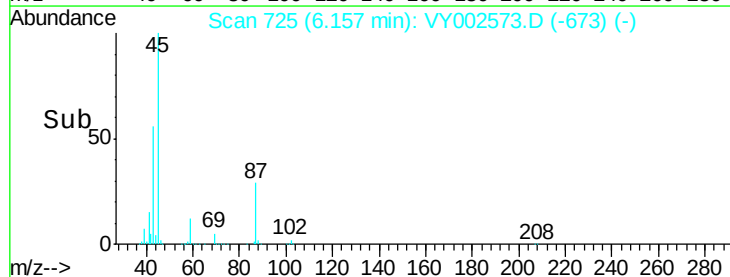
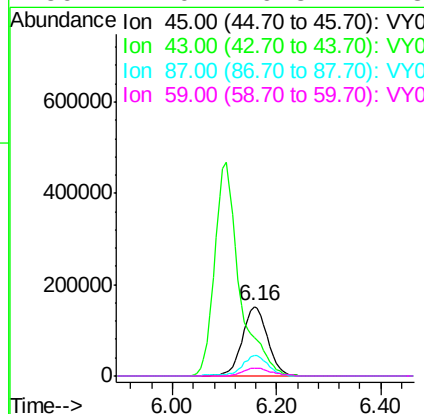
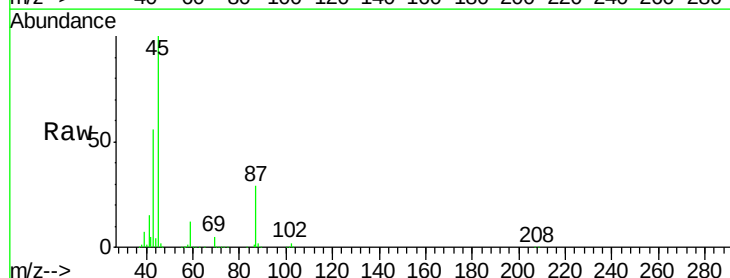
RT: 6.16 min Scan# 725

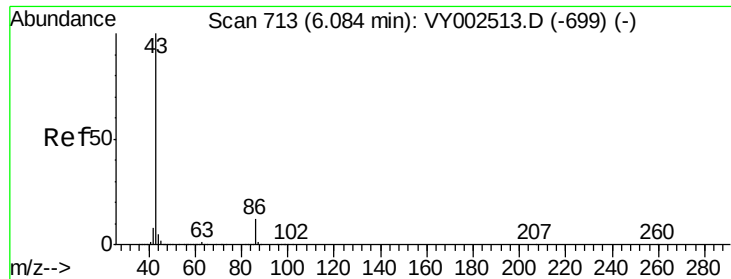
Delta R.T. 0.02 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Tgt Ion:	45	Resp:	509706
Ion	Ratio	Lower	Upper
45	100		
43	55.6	47.4	71.0
87	29.5	24.0	36.0
59	12.0	9.8	14.8





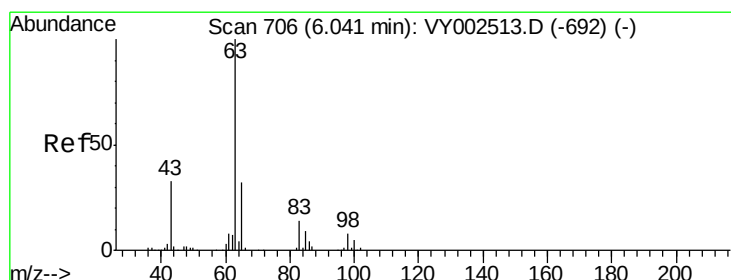
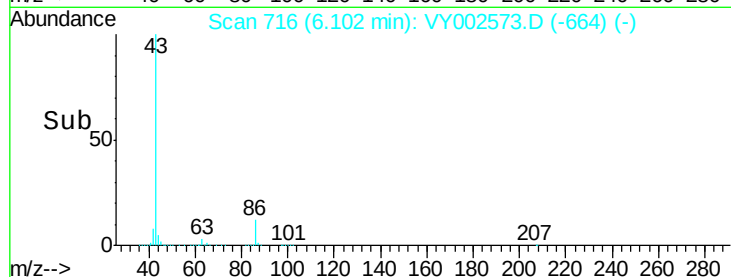
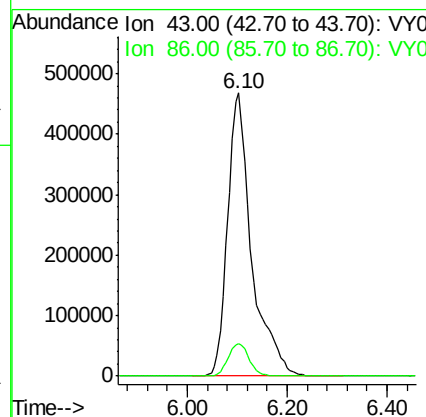
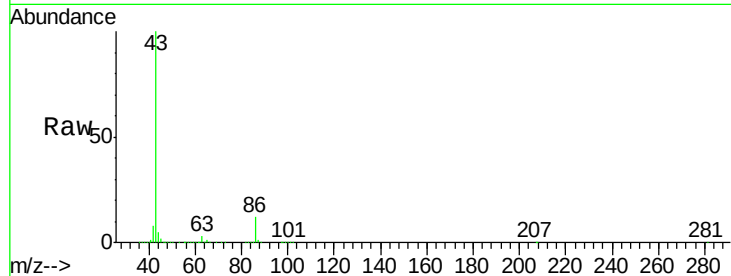
#23
 Vinyl Acetate
 Concen: 308.413 ug/l
 RT: 6.10 min Scan# 716
 Delta R.T. 0.02 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1561509
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.8 14.6

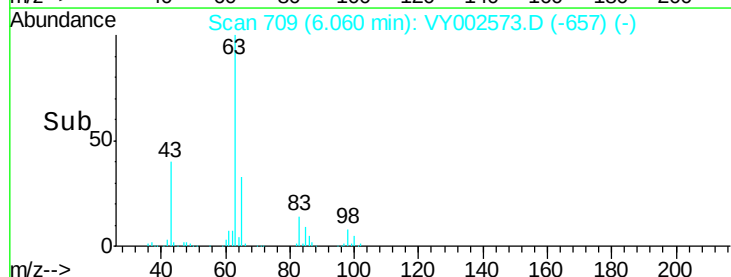
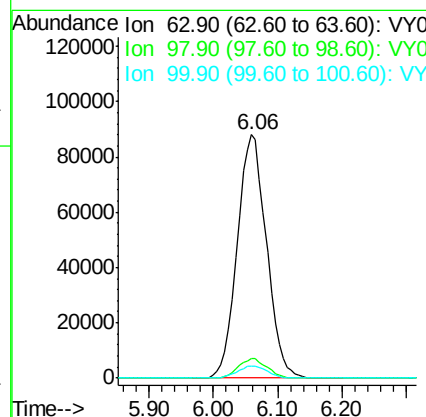
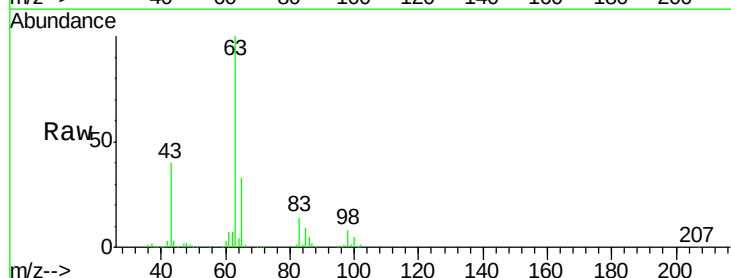
Manual Integrations
 APPROVED

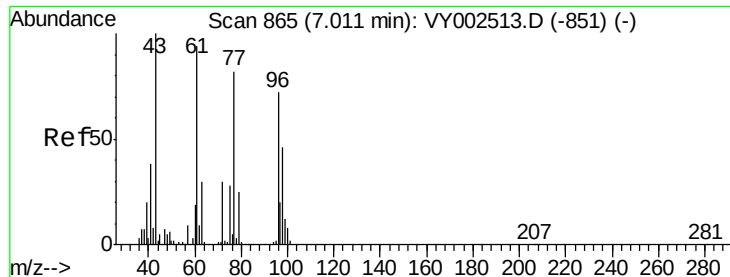
MMDadoda
 5/5/2020 11:29:27 AM



#24
 1,1-Dichloroethane
 Concen: 58.197 ug/l
 RT: 6.06 min Scan# 709
 Delta R.T. 0.02 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Tgt Ion: 63 Resp: 277179
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 294.604 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 265461

Ion Ratio Lower Upper

43 100

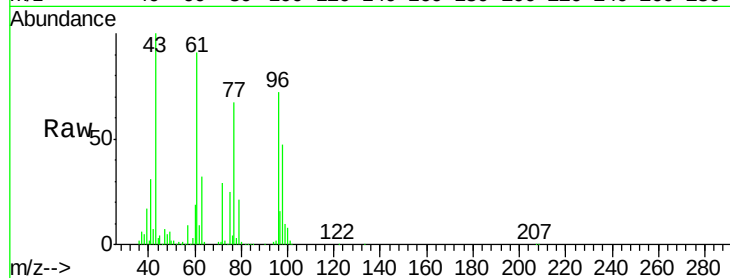
72 29.1 24.1 36.1

Manual Integrations

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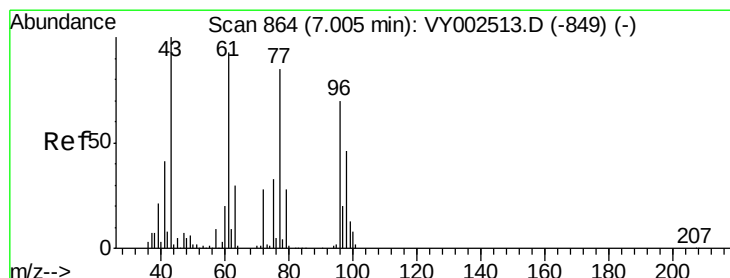
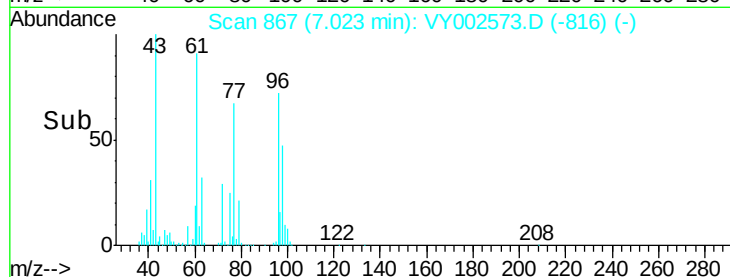
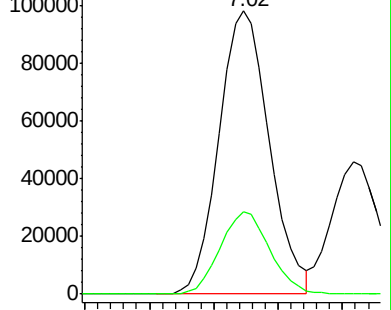
MMDadoda

5/5/2020 11:29:27 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 44.404 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.02 min

Lab File: VY002573.D

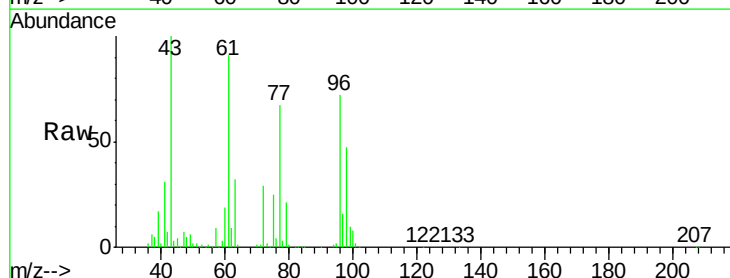
Acq: 05 May 2020 04:34

Tgt Ion: 77 Resp: 201026

Ion Ratio Lower Upper

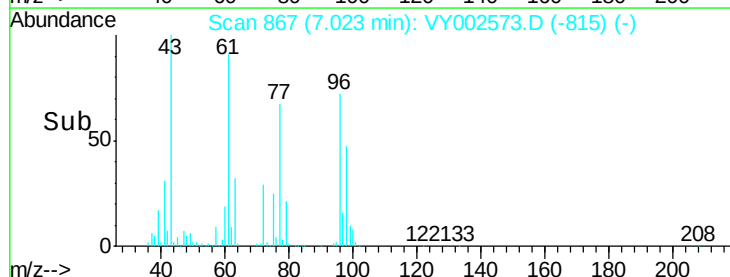
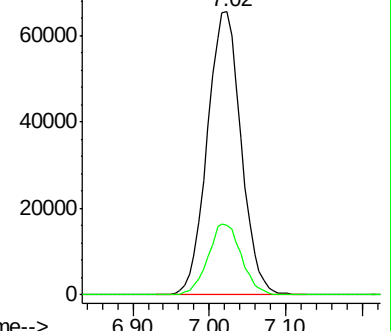
77 100

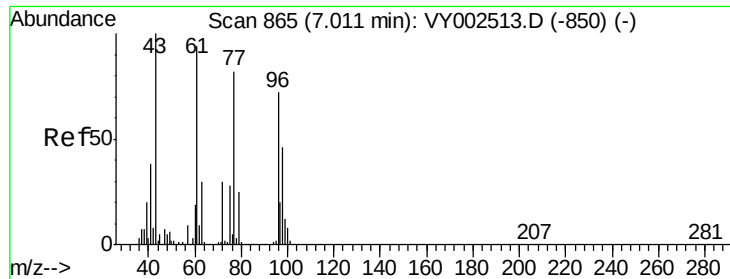
97 24.8 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

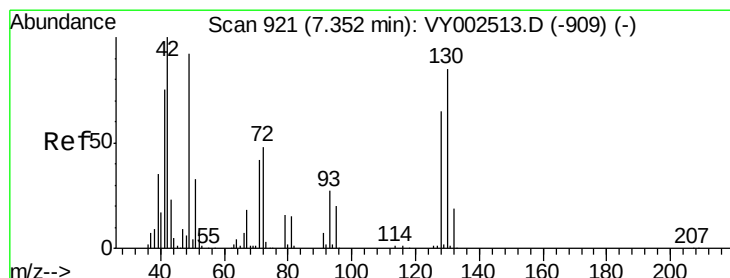
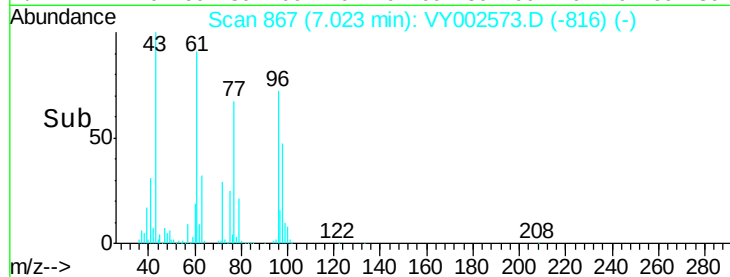
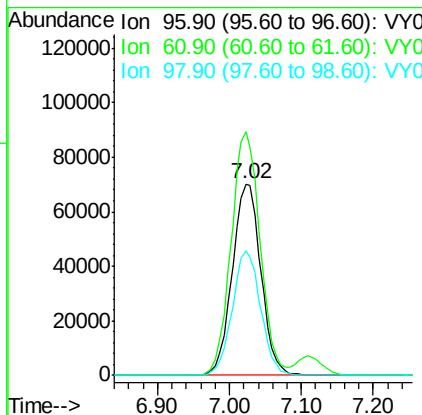
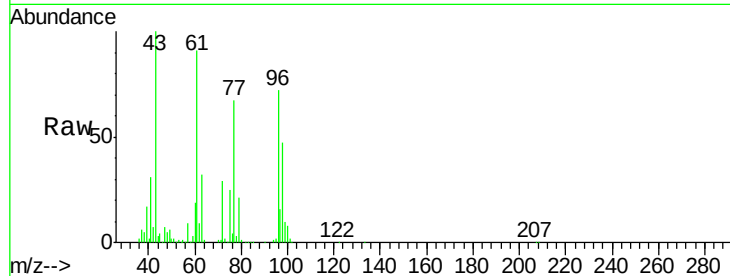
cis-1,2-Dichloroethene
Concen: 58.596 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	193518		
61	129.3	0.0	266.6	
98	64.1	0.0	129.2	

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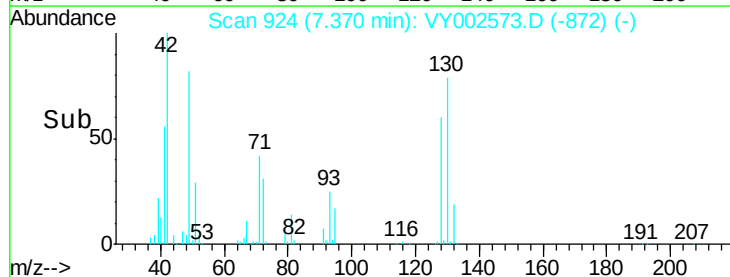
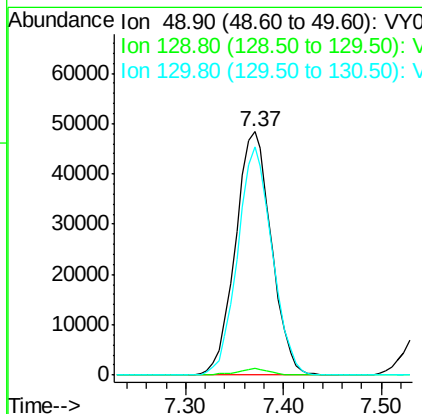
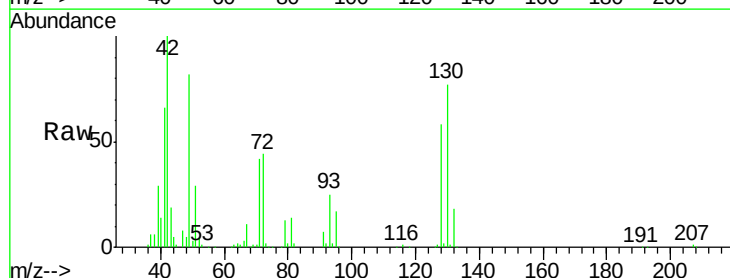
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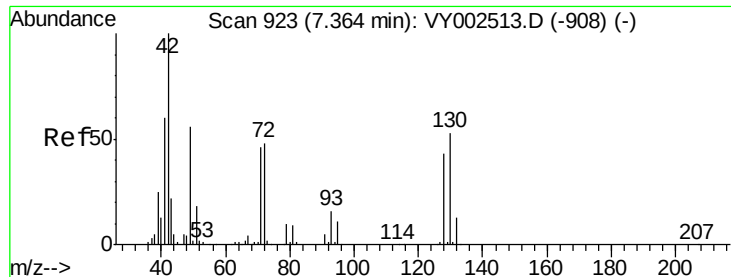


#28

Bromochloromethane
Concen: 63.013 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	122963		
129	2.5	0.0	4.8	
130	90.5	72.5	108.7	





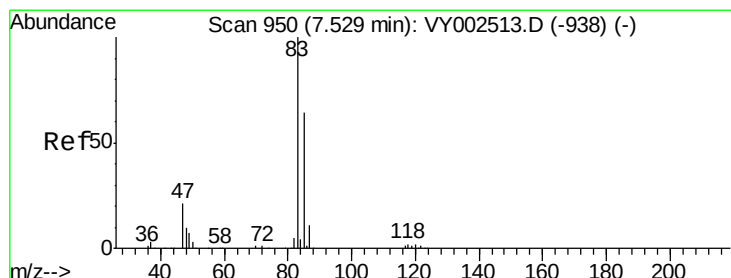
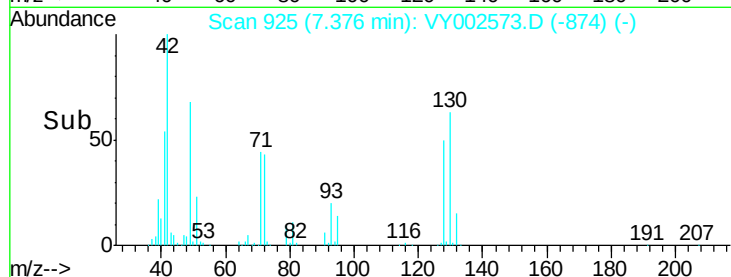
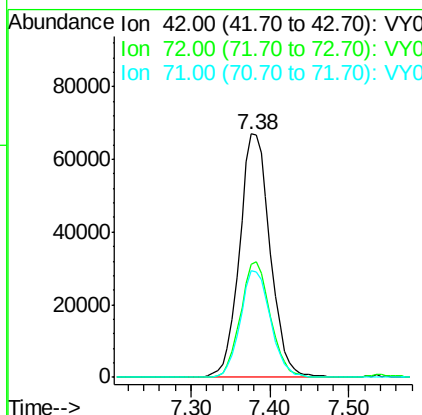
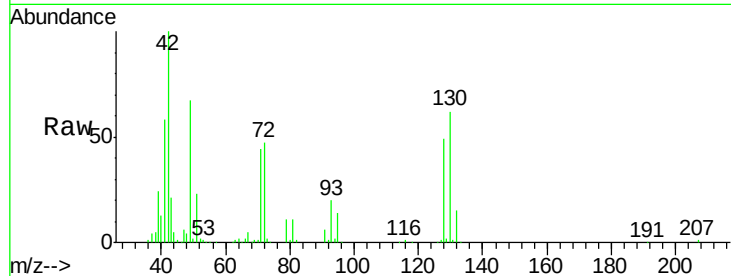
#29
Tetrahydrofuran
Concen: 303.446 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.4	56.2
71	43.2	35.0	52.4

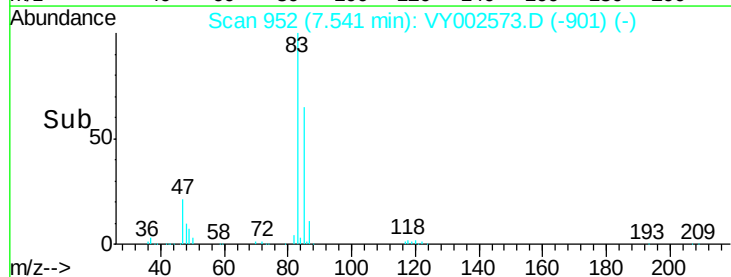
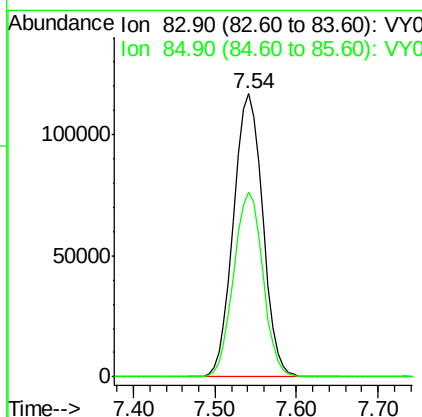
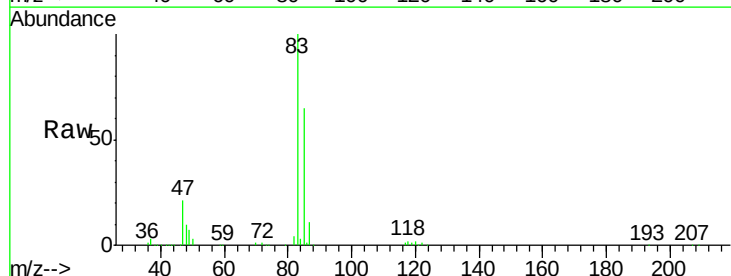
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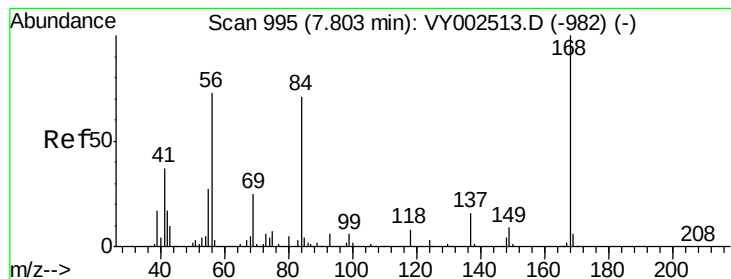
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#30
Chloroform
Concen: 58.560 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.5	77.3





#31

Cyclohexane

Concen: 47.902 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

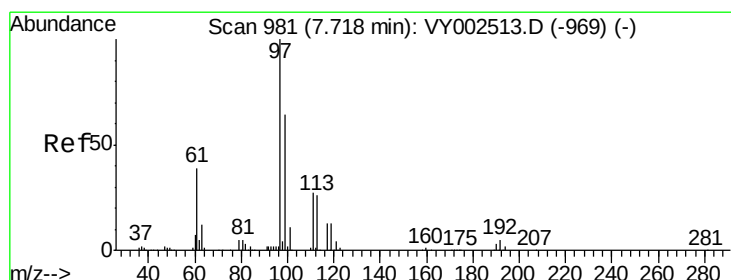
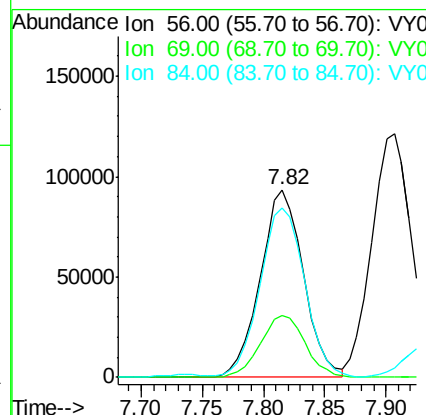
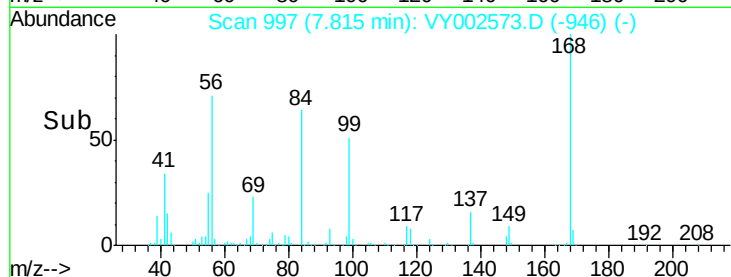
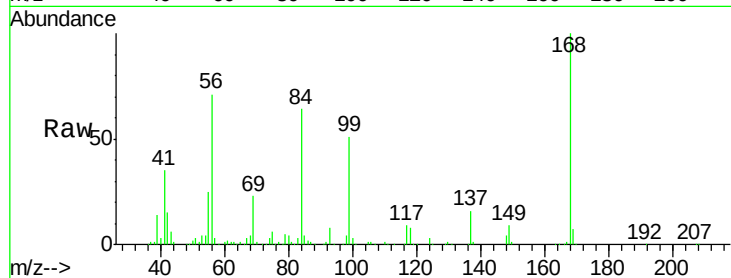
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	229646
Ion Ratio	Lower	Upper	
56	100		
69	32.8	27.6	41.4
84	89.0	77.7	116.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.446 ug/l

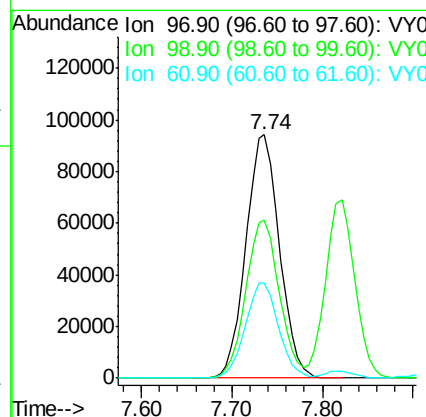
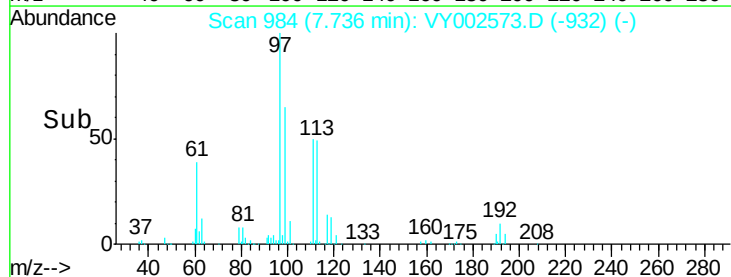
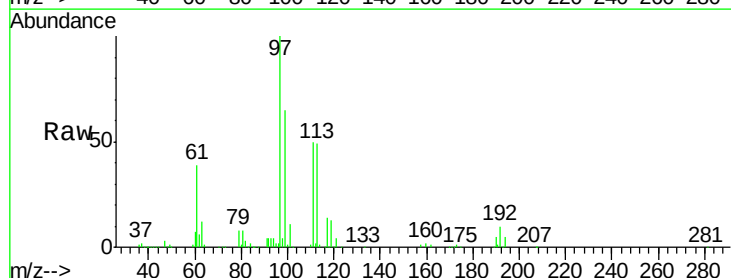
RT: 7.74 min Scan# 984

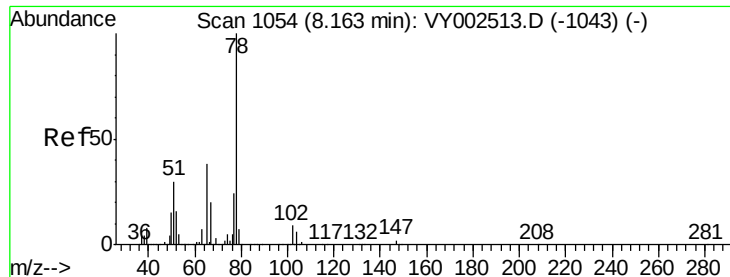
Delta R.T. 0.02 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Tgt Ion:	97	Resp:	241403
Ion Ratio	Lower	Upper	
97	100		
99	64.7	51.9	77.9
61	38.5	31.0	46.6





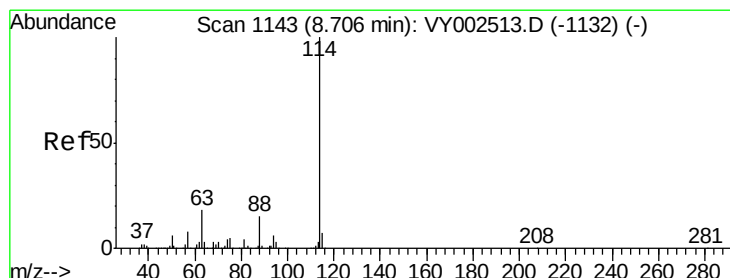
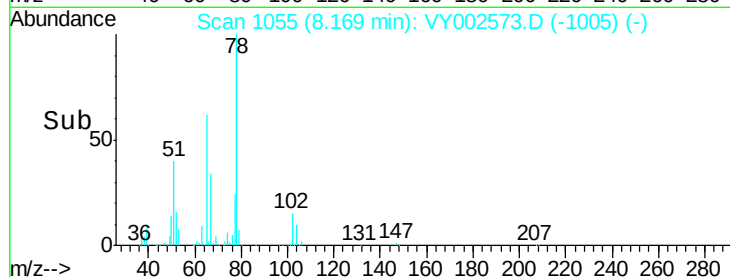
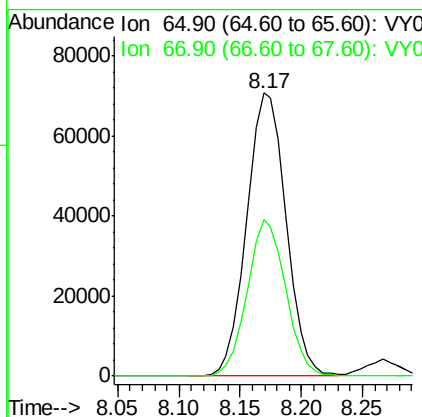
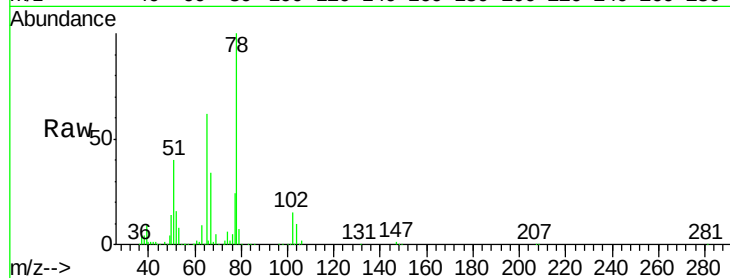
#33
 1,2-Dichloroethane-d4
 Concen: 59.506 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	158719		
67	54.0	0.0	107.2	

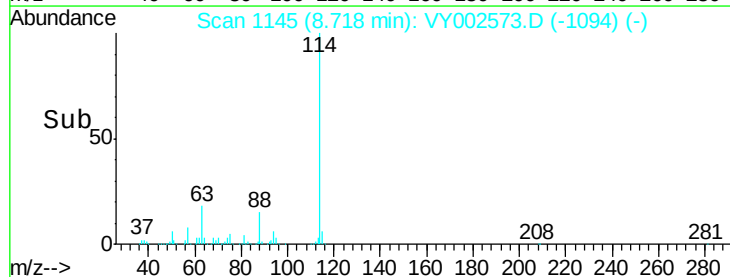
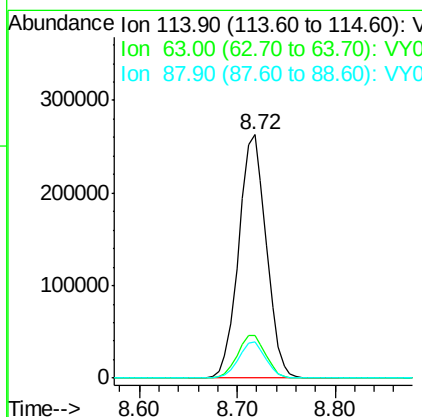
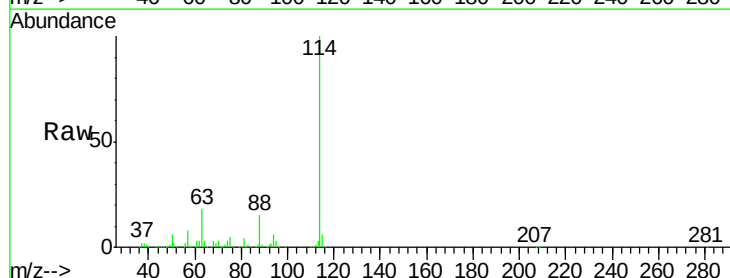
Manual Integrations
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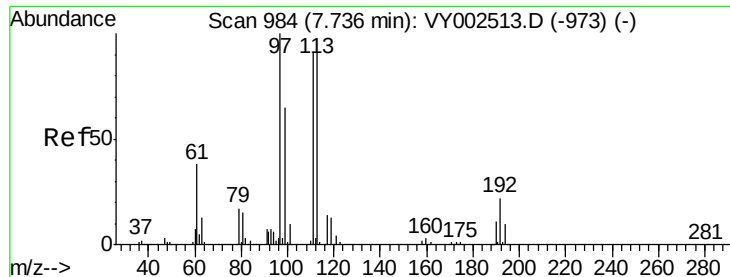
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	514033		
63	17.6	0.0	36.4	
88	15.0	0.0	29.6	





#35

Dibromofluoromethane

Concen: 55.200 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

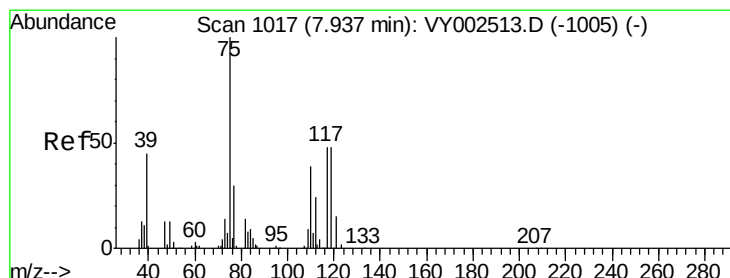
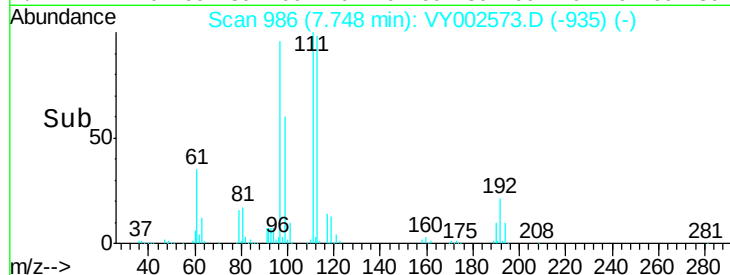
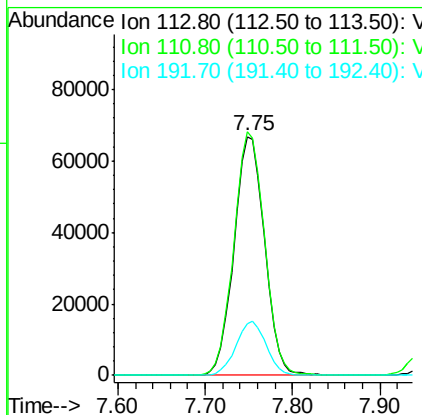
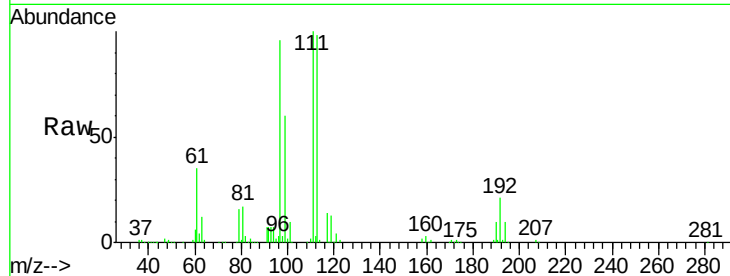
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	162274
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	22.4	18.2	27.4

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#36

1,1-Dichloropropene

Concen: 47.620 ug/l

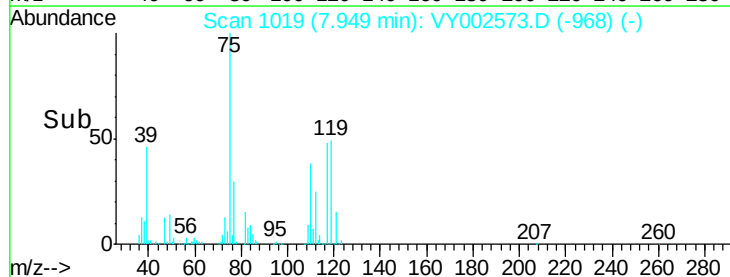
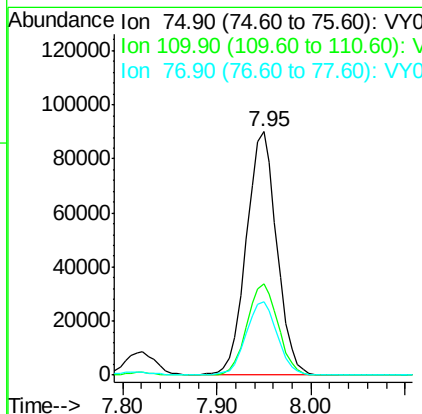
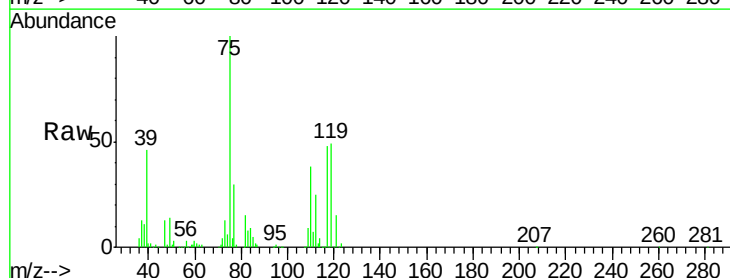
RT: 7.95 min Scan# 1019

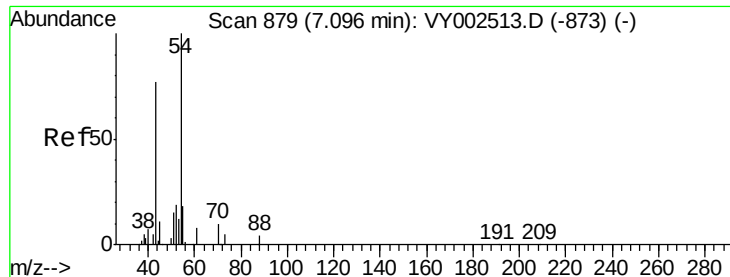
Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Tgt Ion:	75	Resp:	205202
Ion	Ratio	Lower	Upper
75	100		
110	38.0	19.1	57.3
77	31.0	24.6	37.0





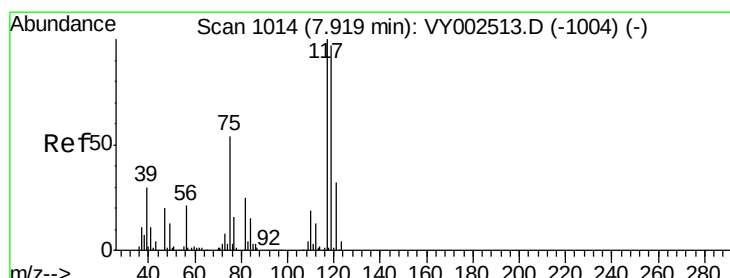
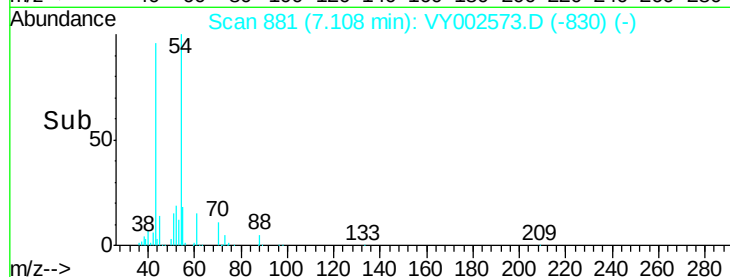
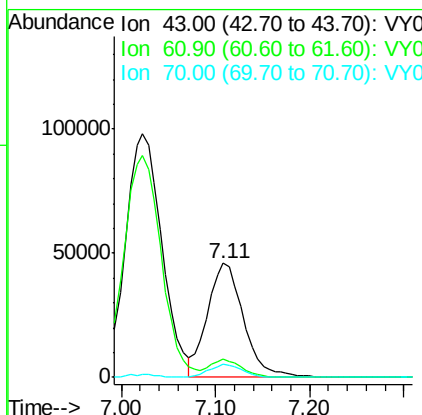
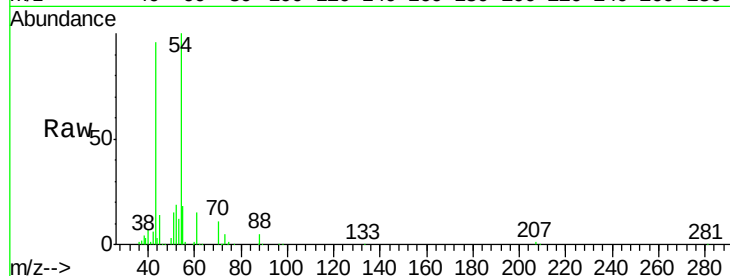
#37
Ethyl Acetate
Concen: 55.089 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	121988
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.6	17.4
70	11.1	9.0	13.6

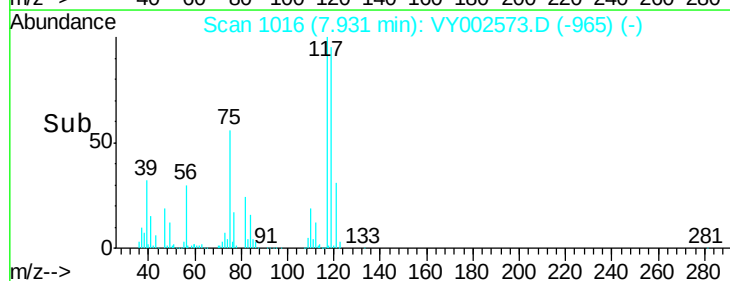
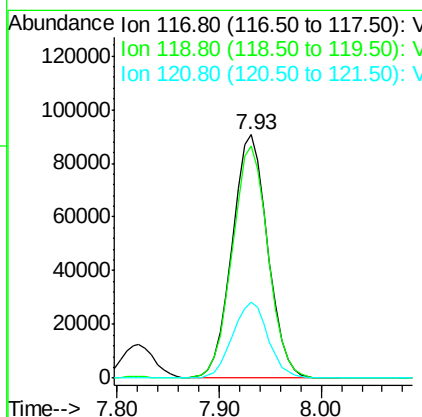
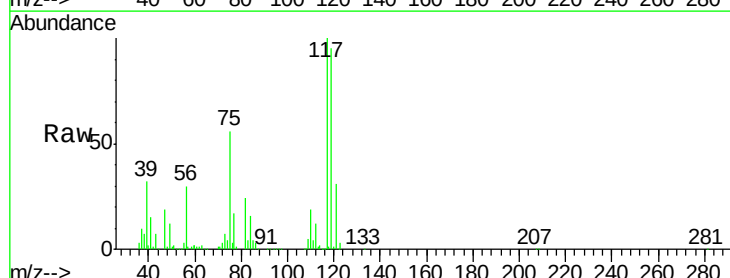
Manual Integrations
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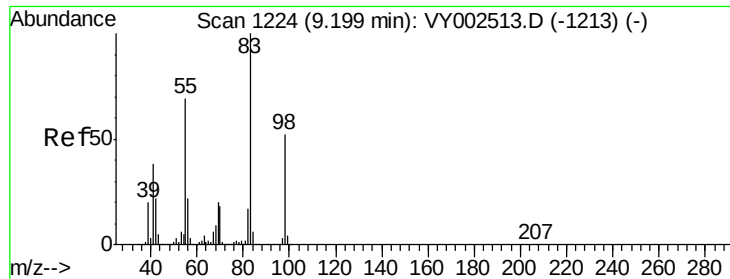
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#38
Carbon Tetrachloride
Concen: 46.468 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Tgt Ion	117	Resp	218615
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.1	115.7
121	31.3	25.2	37.8





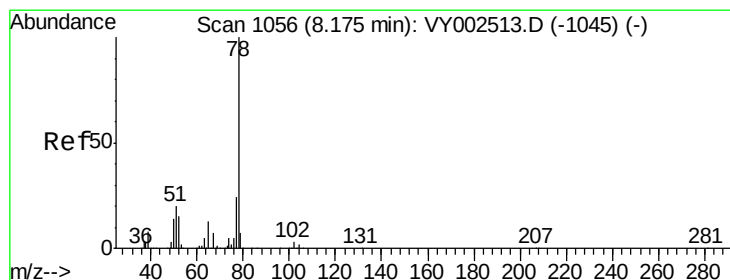
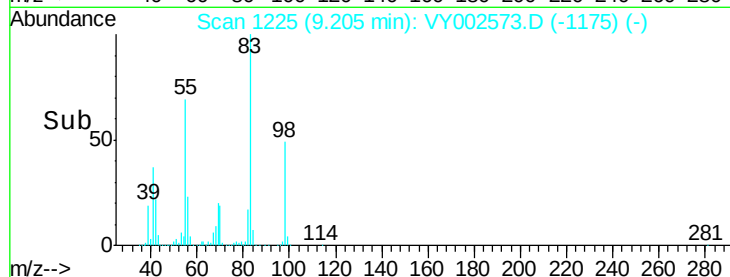
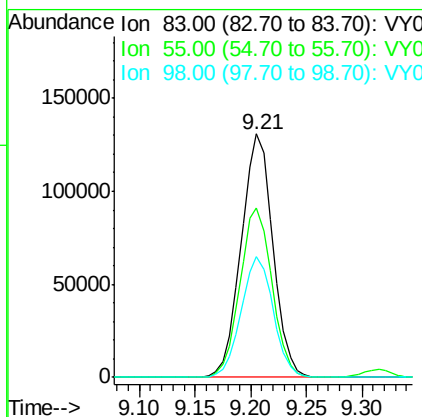
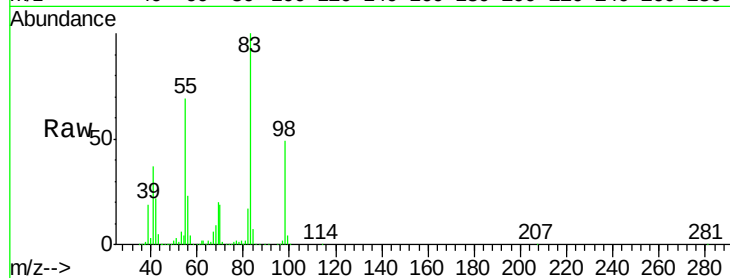
#39
Methylvlcyclohexane
Concen: 45.453 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	258699
Ion	Ratio	Lower	Upper
83	100		
55	69.4	55.4	83.0
98	49.4	41.3	61.9

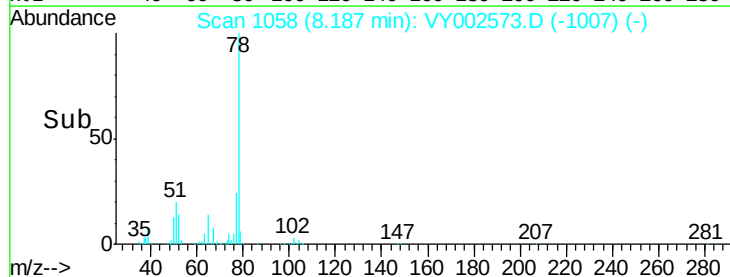
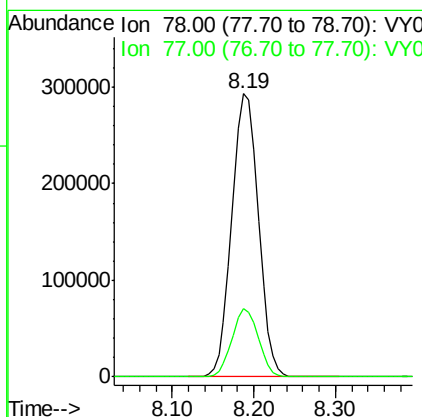
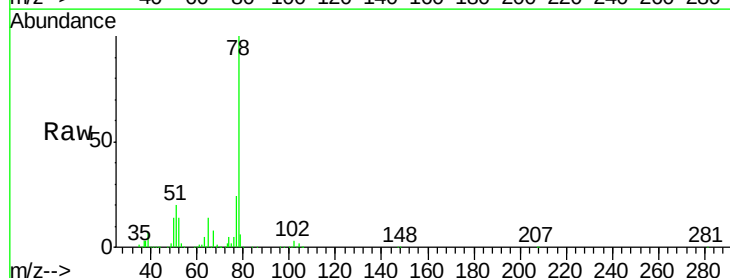
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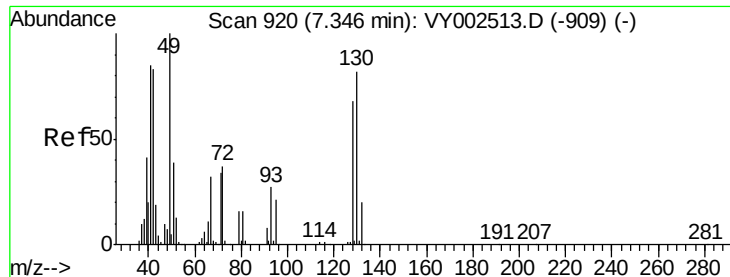
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#40
Benzene
Concen: 52.989 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Tgt Ion	78	Resp	659497
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8





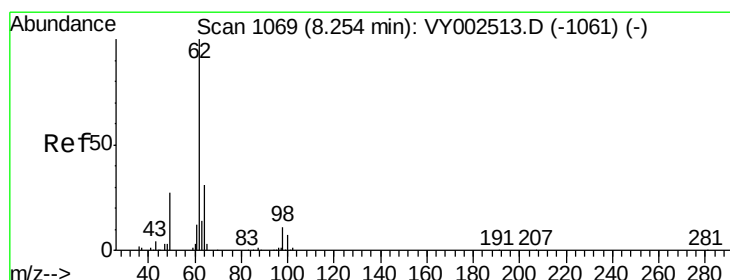
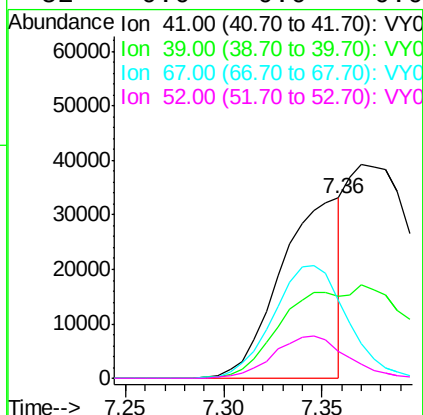
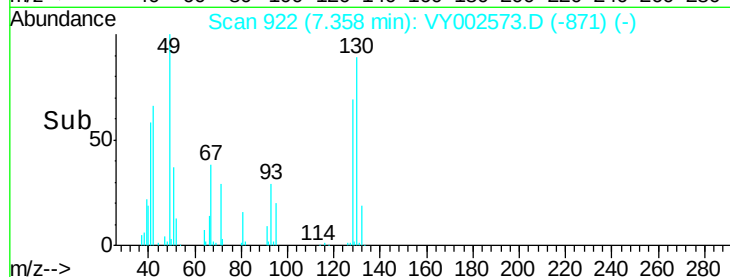
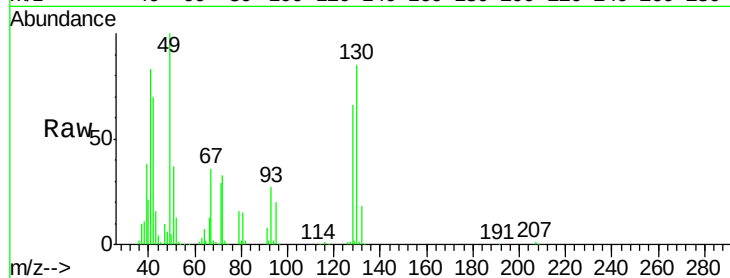
#41
Methacrylonitrile
Concen: 59.366 ug/l m
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	70682
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

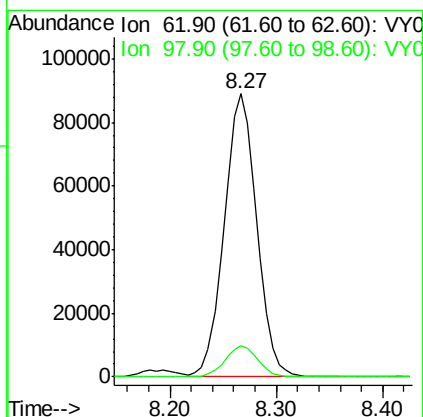
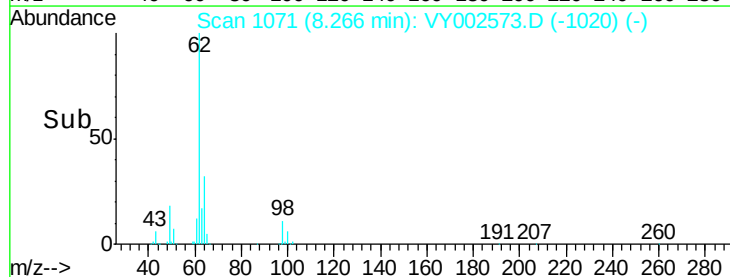
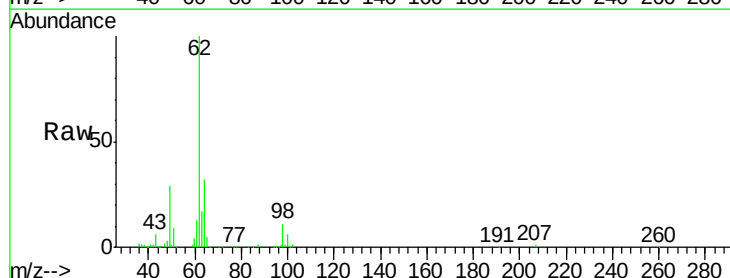
Manual Integrations
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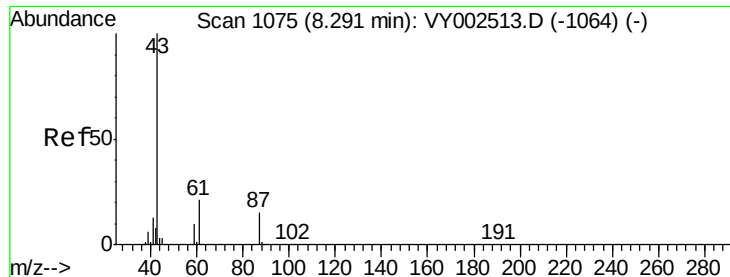
MMDadoda
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#42
1,2-Dichloroethane
Concen: 54.236 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Tgt Ion	62	Resp	189342
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.0





#43

Isopropyl Acetate

Concen: 56.151 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

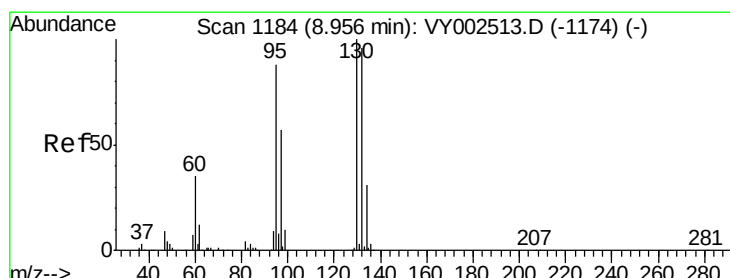
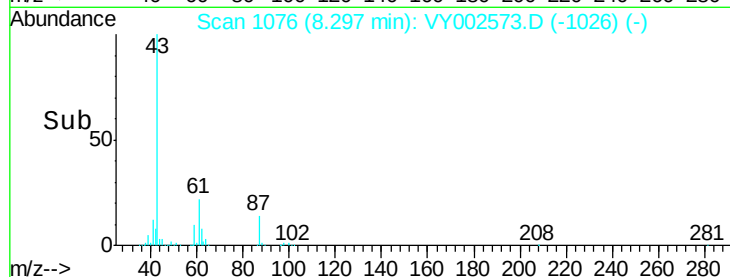
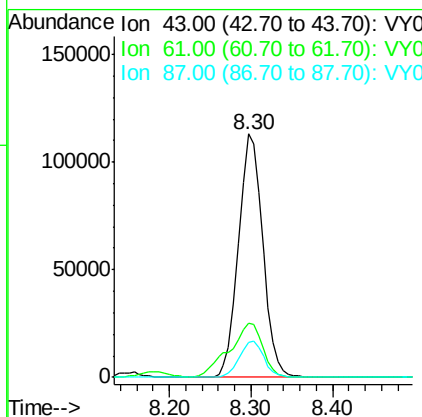
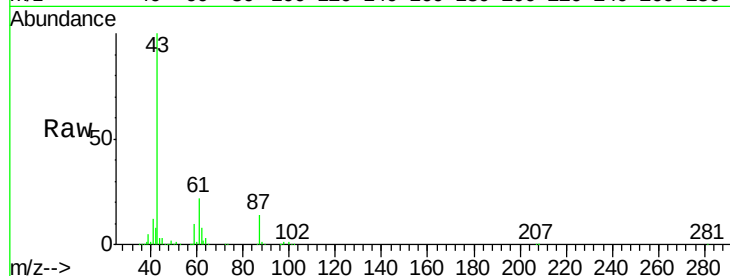
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	233102
Ion	Ratio	Lower	Upper
43	100		
61	30.7	24.8	37.2
87	14.9	12.2	18.2

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#44

Trichloroethene

Concen: 52.014 ug/l

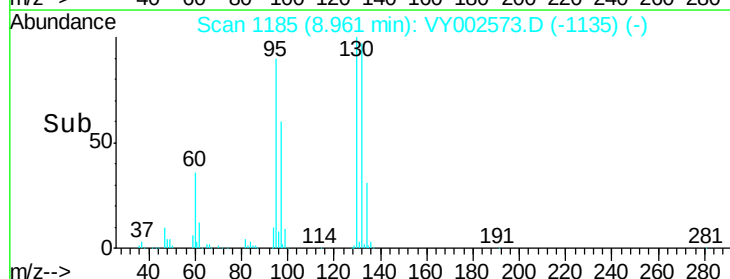
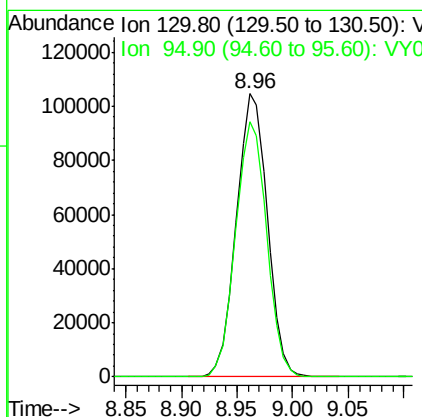
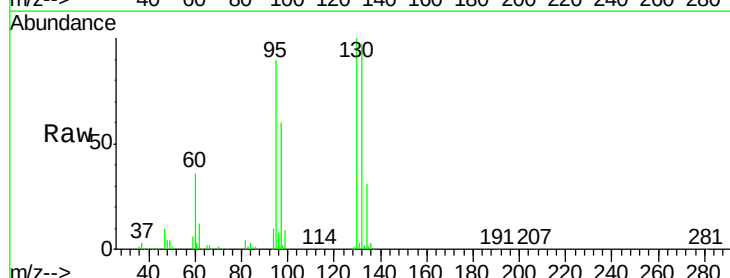
RT: 8.96 min Scan# 1185

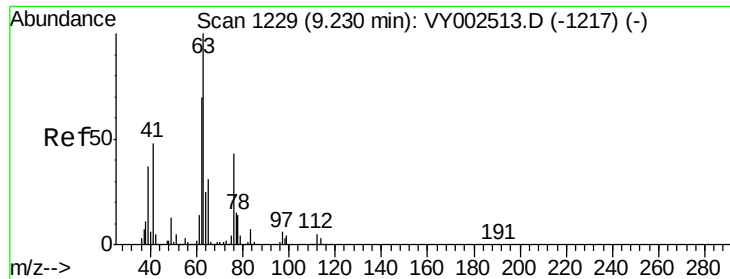
Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Tgt Ion:	130	Resp:	202309
Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	175.8





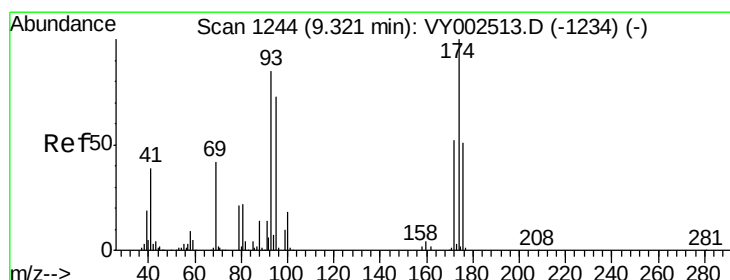
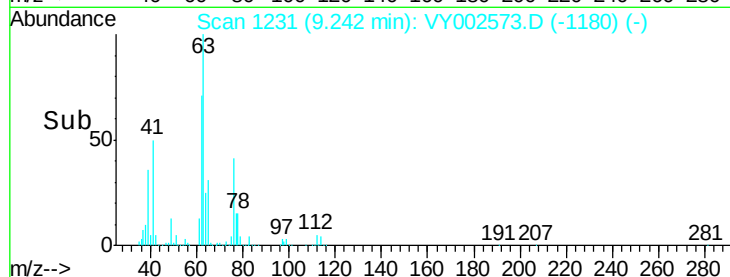
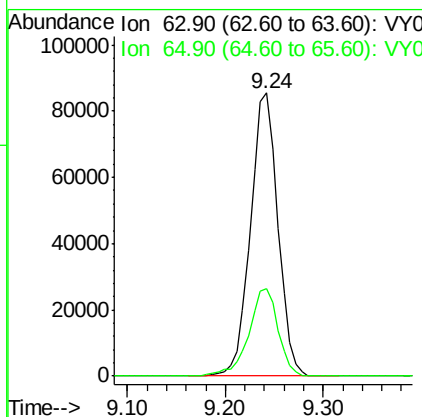
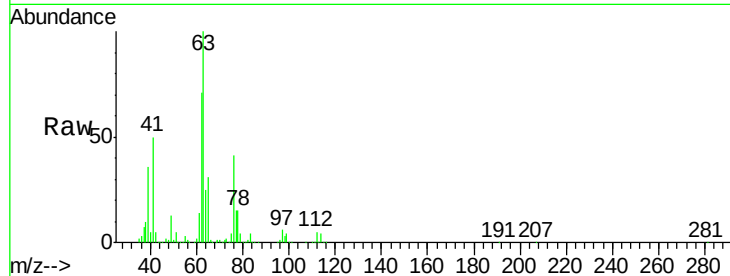
#45
 1,2-Dichloropropane
 Concen: 55.483 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.5	36.7

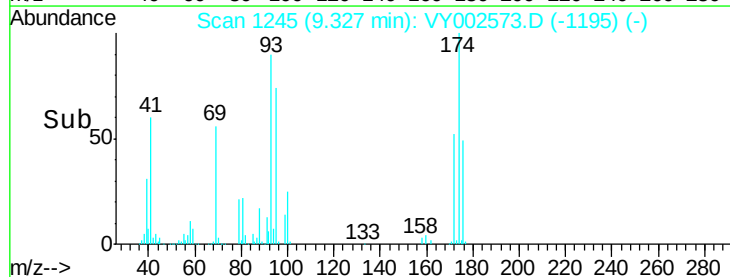
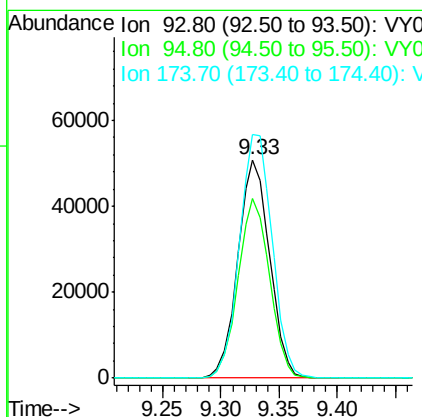
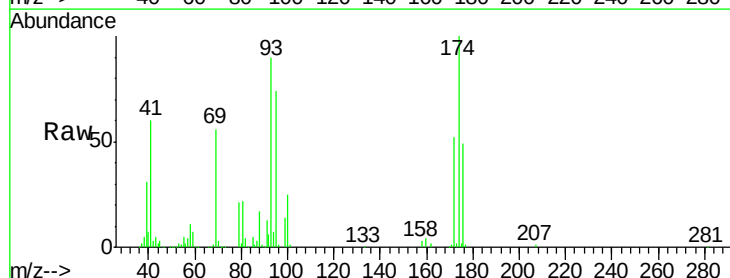
Manual Integrations
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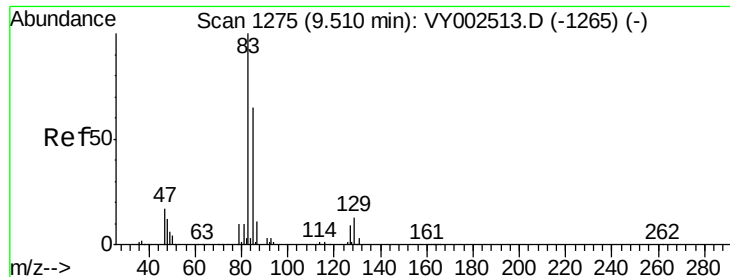
MMDadoda
 5/5/2020 11:29:27 AM



#46
 Dibromomethane
 Concen: 55.957 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	67.0	100.4
174	115.0	92.7	139.1





#47

Bromodichloromethane

Concen: 55.193 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

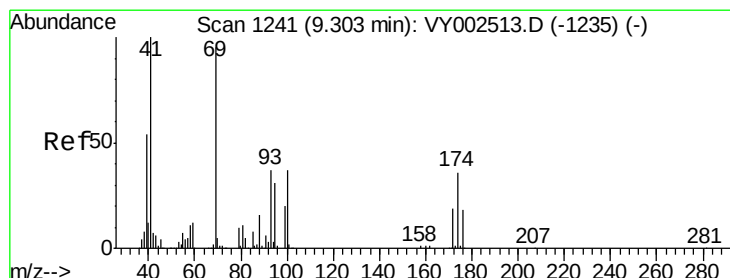
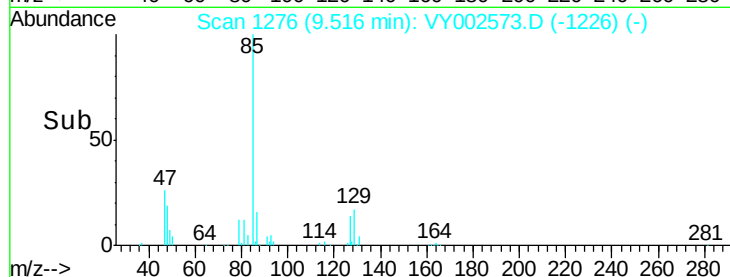
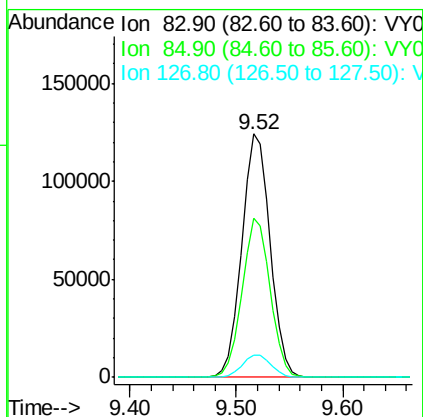
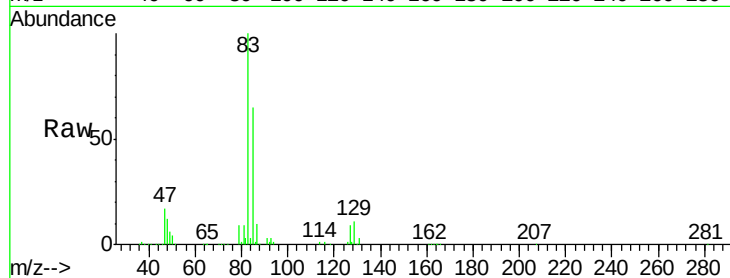
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	231935
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.8	77.8
127	9.2	7.4	11.0

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#48

Methyl methacrylate

Concen: 56.093 ug/l

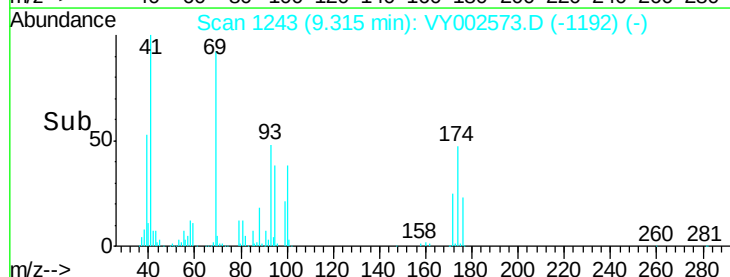
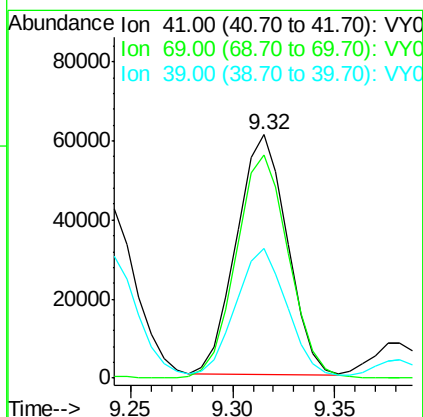
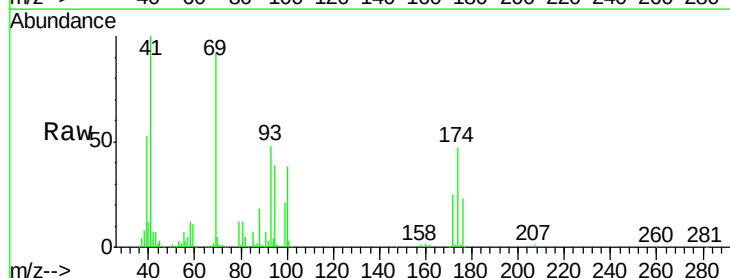
RT: 9.32 min Scan# 1243

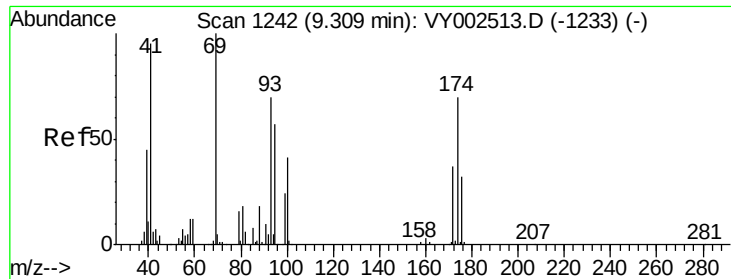
Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Tgt Ion:	41	Resp:	105385
Ion	Ratio	Lower	Upper
41	100		
69	95.8	76.2	114.4
39	55.1	42.7	64.1





#49

1,4-Dioxane

Concen: 1092.673 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

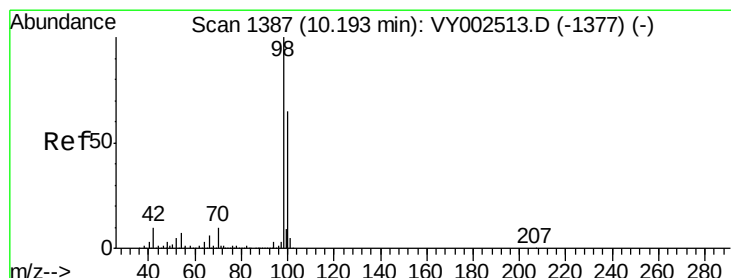
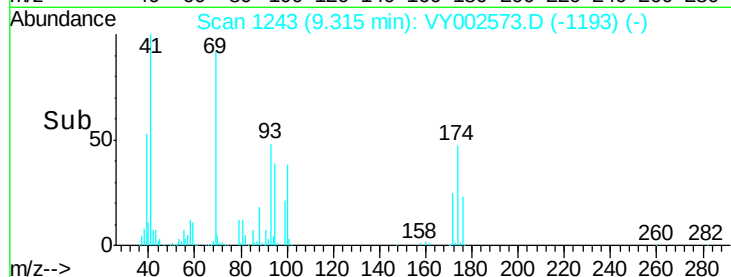
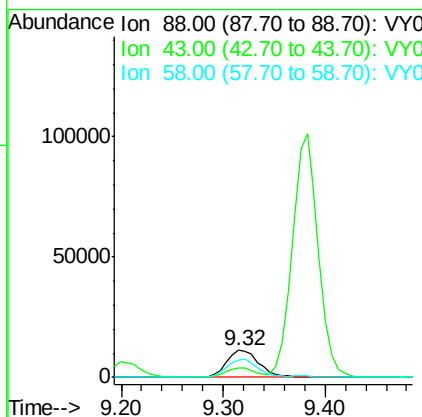
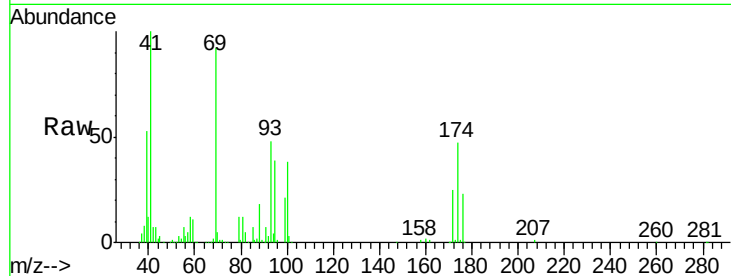
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	25003
Ion	Ratio	Lower	Upper
88	100		
43	31.0	22.8	34.2
58	63.6	51.4	77.2

Manual Integrations
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#50

Toluene-d8

Concen: 53.348 ug/l

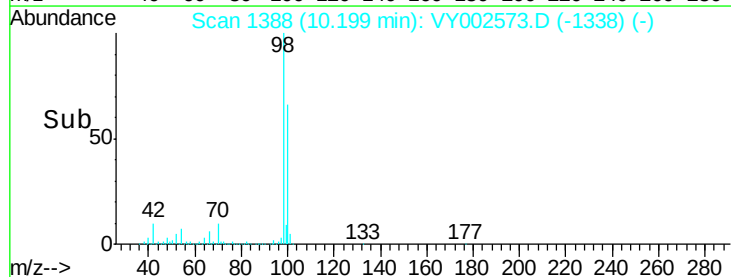
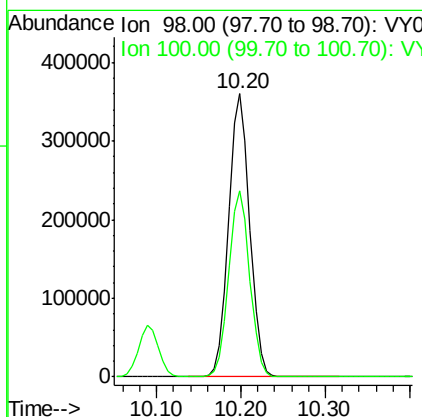
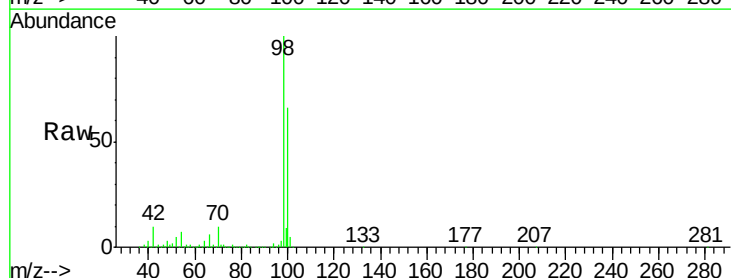
RT: 10.20 min Scan# 1388

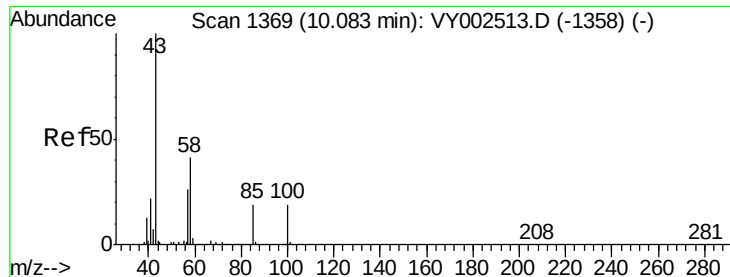
Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Tgt Ion:	98	Resp:	612443
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 279.227 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 597480

Ion Ratio Lower Upper

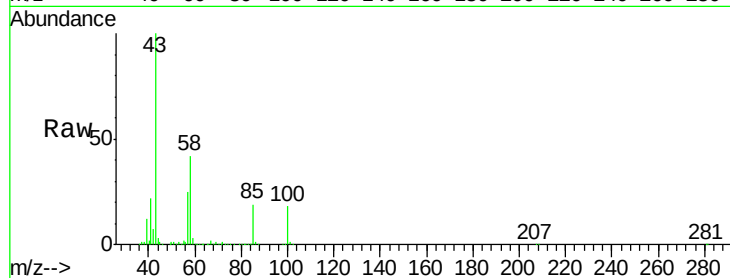
43 100

58 41.6 33.2 49.8

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.09

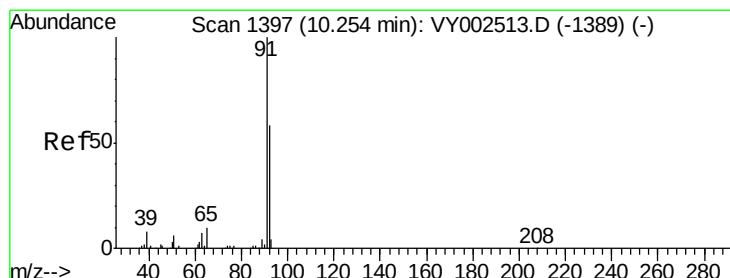
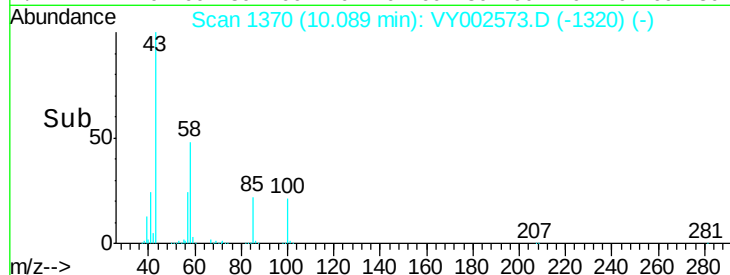
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.709 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY002573.D

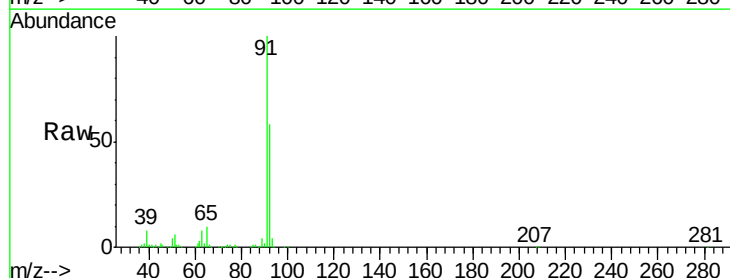
Acq: 05 May 2020 04:34

Tgt Ion: 92 Resp: 421597

Ion Ratio Lower Upper

92 100

91 173.0 139.3 208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

500000

400000

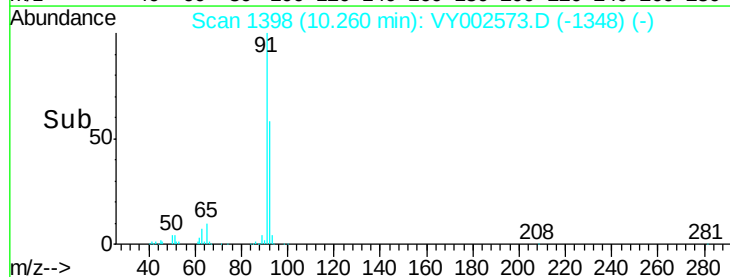
300000

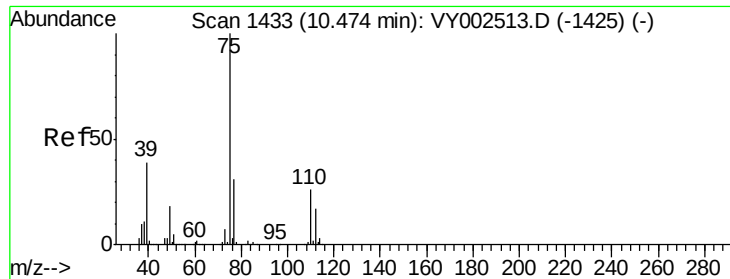
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 53.938 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 237485

Ion Ratio Lower Upper

75 100

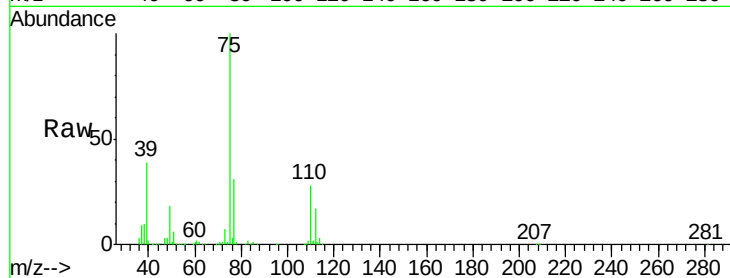
77 31.0 25.0 37.6

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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.49

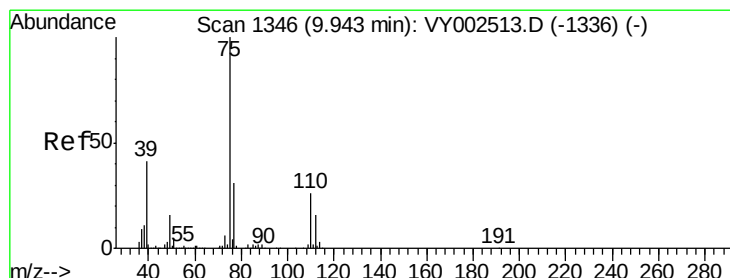
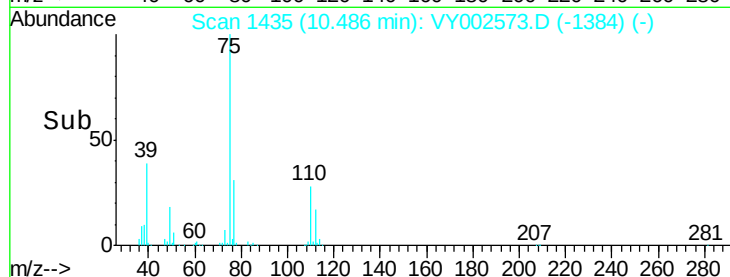
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.539 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

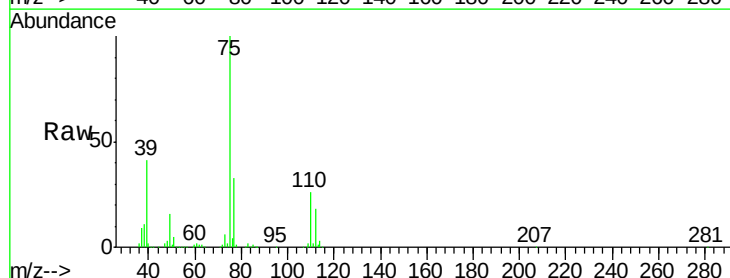
Tgt Ion: 75 Resp: 272514

Ion Ratio Lower Upper

75 100

77 32.9 25.1 37.7

39 40.9 32.7 49.1



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

200000

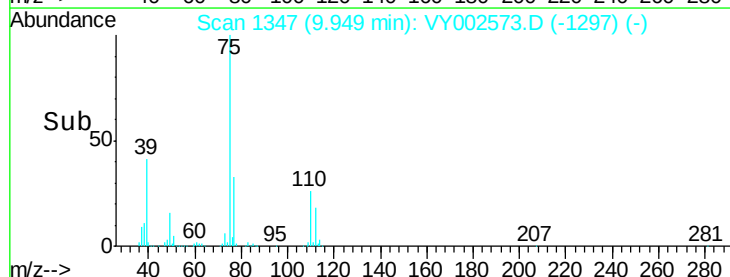
150000

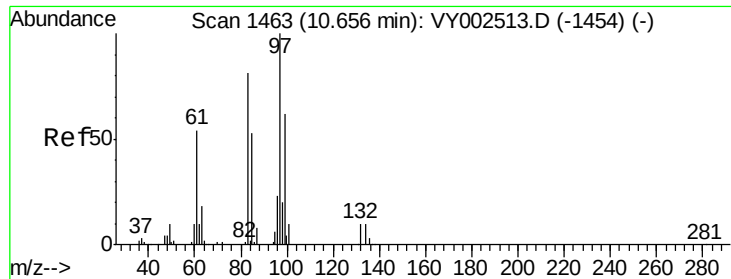
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 56.232 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

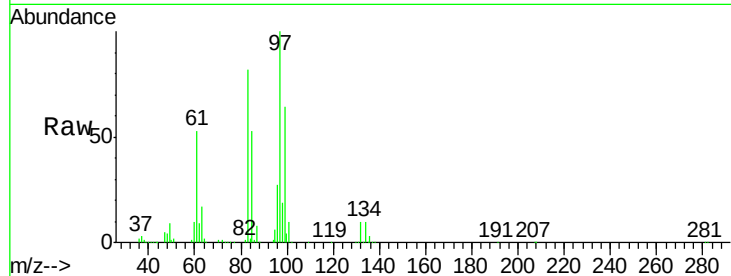
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	141719
Ion	Ratio	Lower	Upper
97	100		
83	81.7	65.1	97.7
85	52.9	42.7	64.1
99	63.5	50.0	75.0

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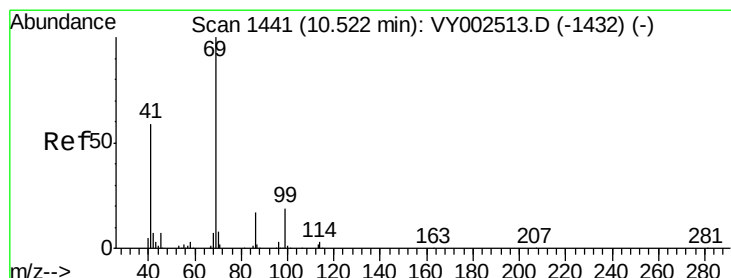
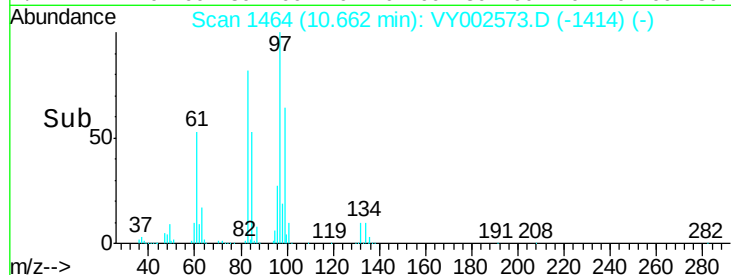
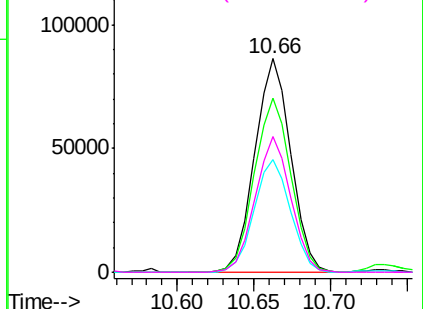


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 57.128 ug/l

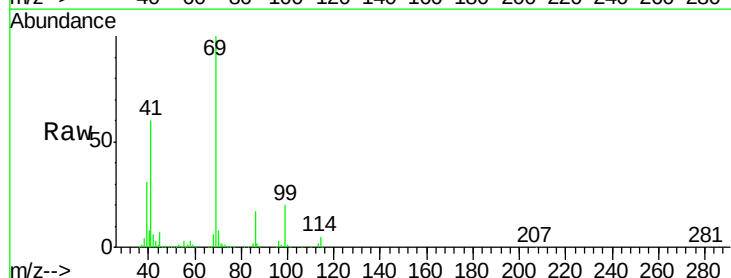
RT: 10.53 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

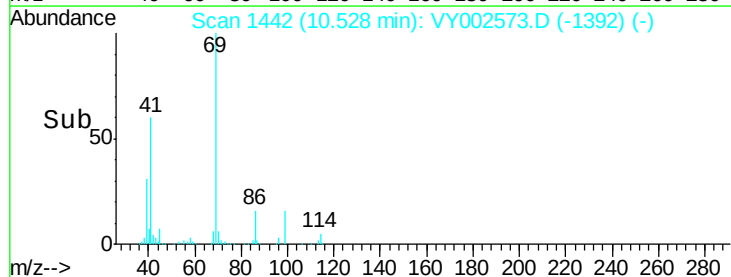
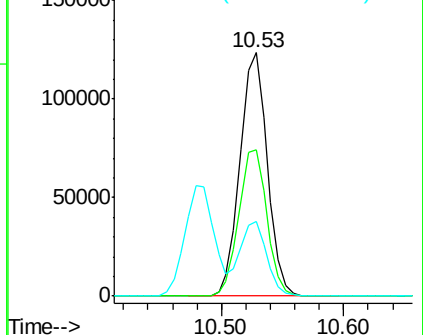
Tgt Ion:	69	Resp:	191532
Ion	Ratio	Lower	Upper
69	100		
41	61.8	48.6	73.0
39	30.5	25.0	37.4

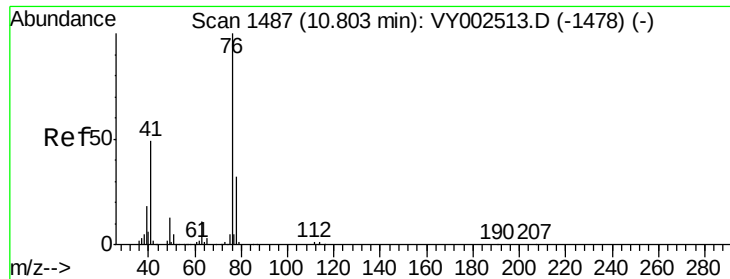


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





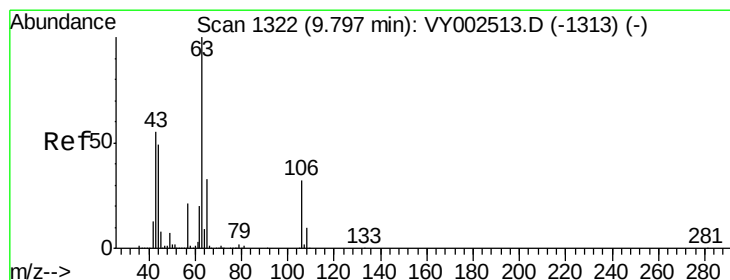
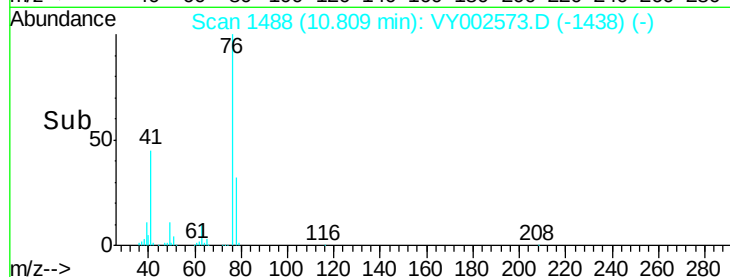
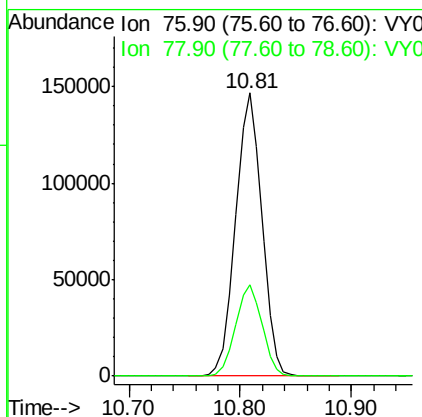
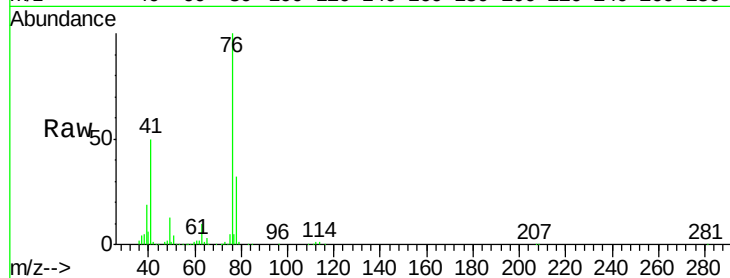
#57
 1,3-Dichloropropane
 Concen: 56.039 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 239508
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.4 38.2

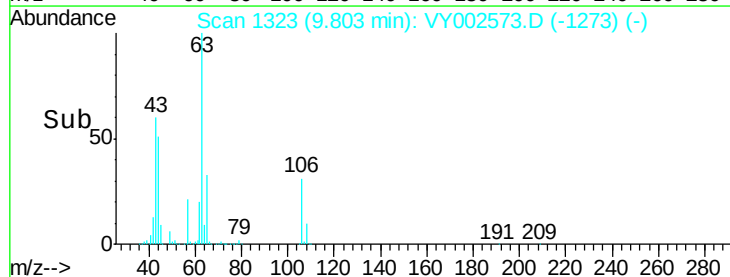
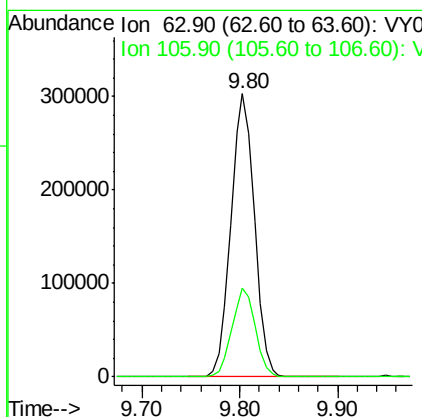
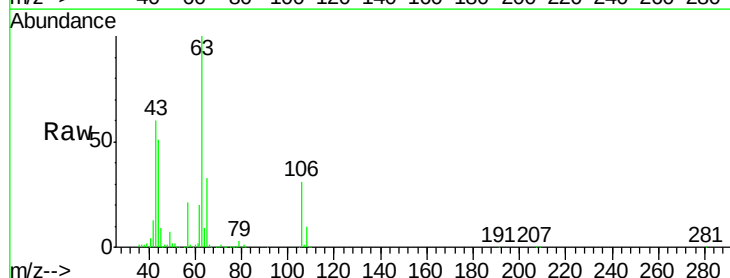
Manual Integrations
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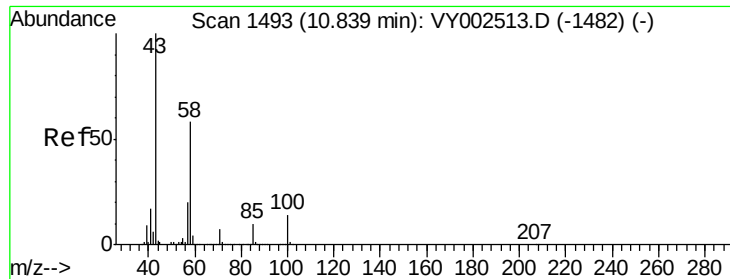
MMDadoda
 5/5/2020 11:29:27 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 285.275 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Tgt Ion: 63 Resp: 504385
 Ion Ratio Lower Upper
 63 100
 106 31.0 25.2 37.8





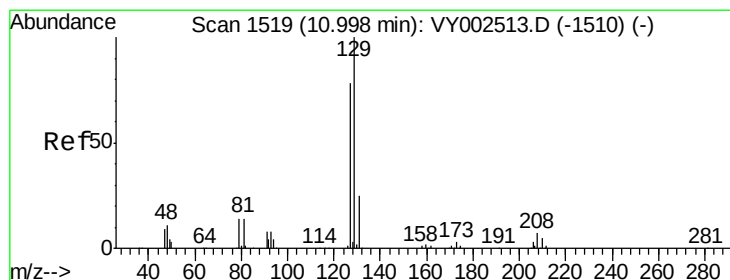
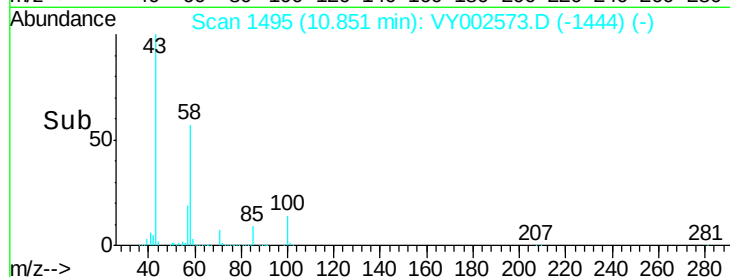
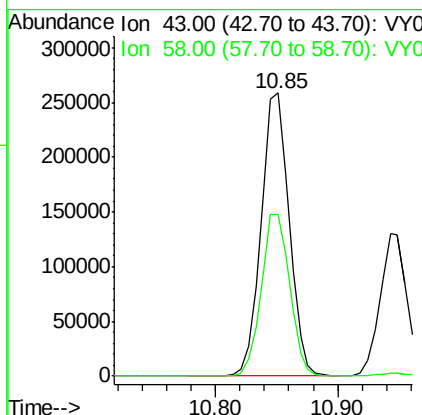
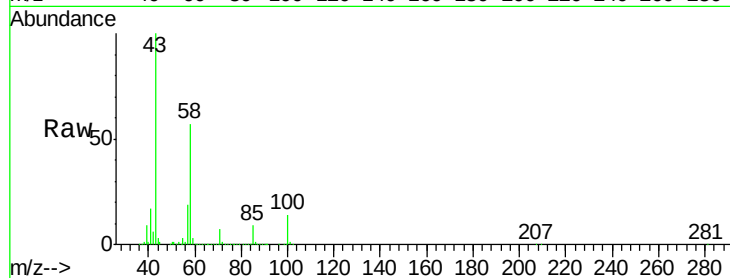
#59
2-Hexanone
Concen: 281.486 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.2	29.1	87.3

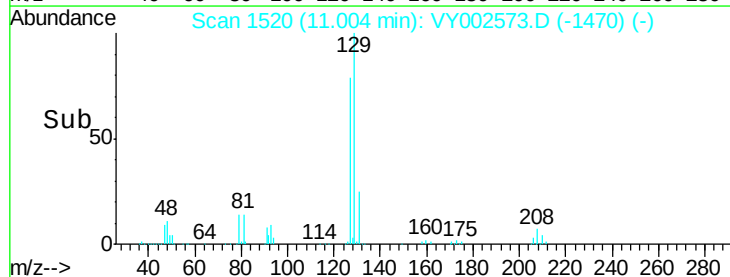
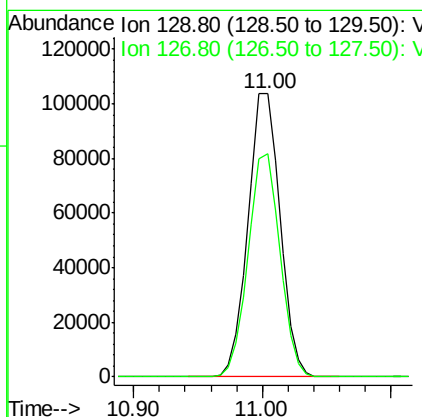
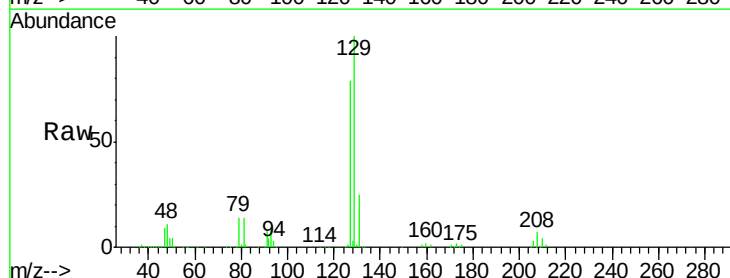
Manual Integrations
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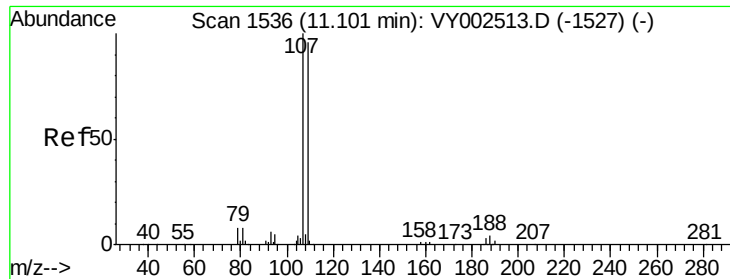
MMDadoda
5/5/2020 11:29:27 AM



#60
Dibromochloromethane
Concen: 55.663 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.0	117.0





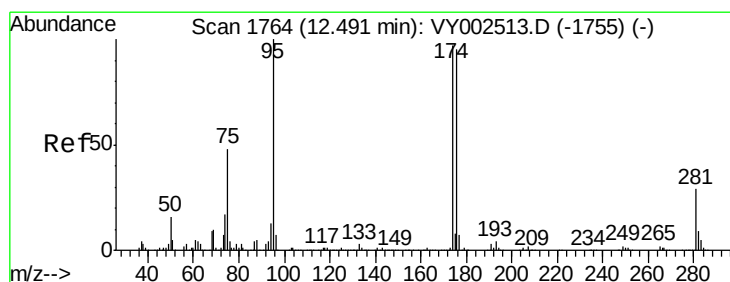
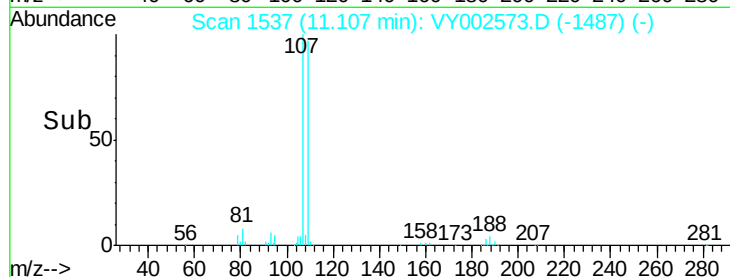
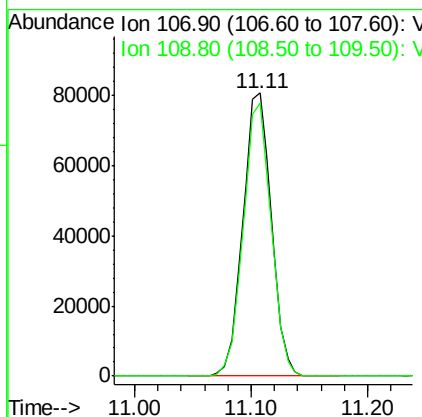
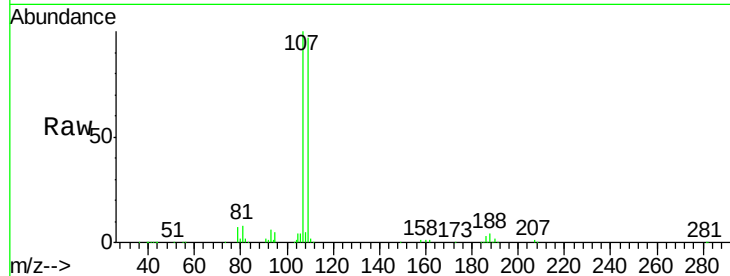
#61
 1,2-Dibromoethane
 Concen: 55.116 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.8	113.8

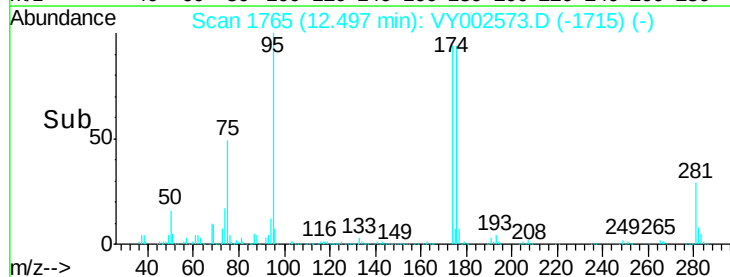
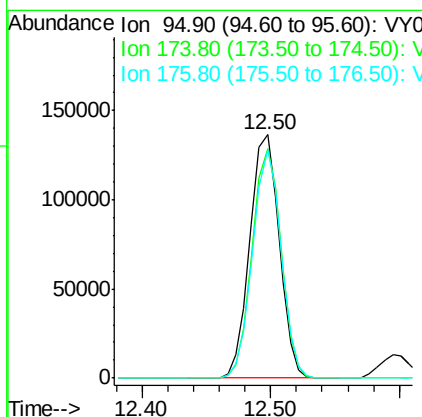
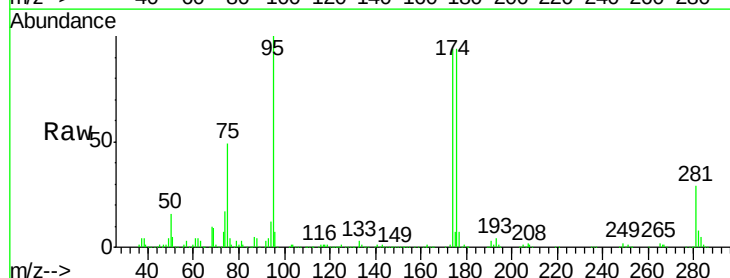
Manual Integrations
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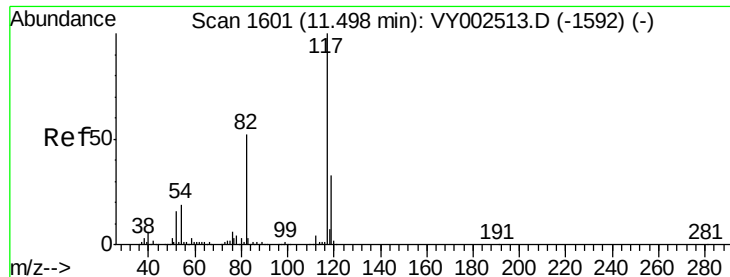
MMDadoda
 5/5/2020 11:29:27 AM



#62
 4-Bromofluorobenzene
 Concen: 55.211 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	188.8
176	90.6	0.0	183.2





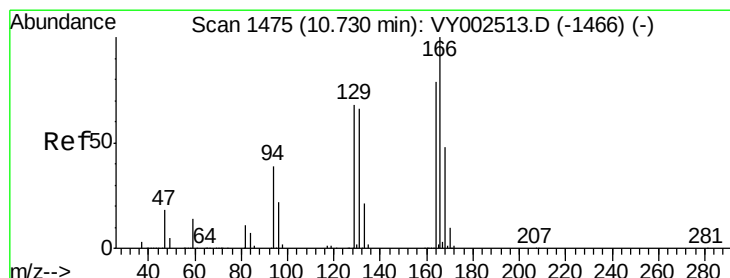
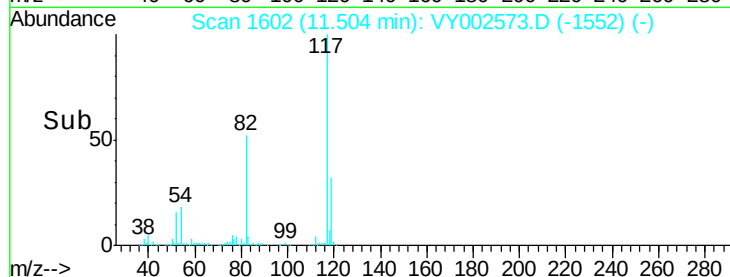
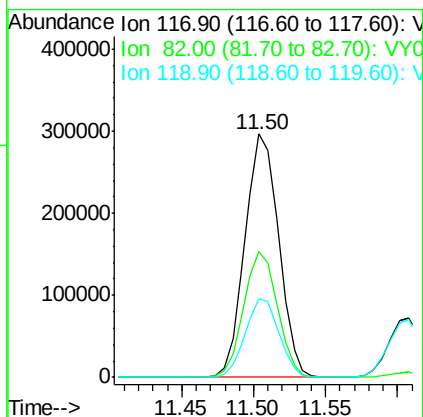
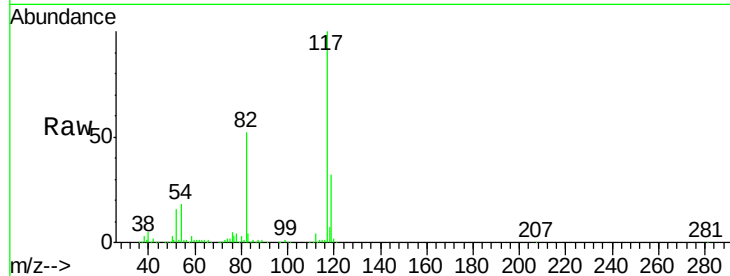
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.3	61.9
119	32.5	26.0	39.0

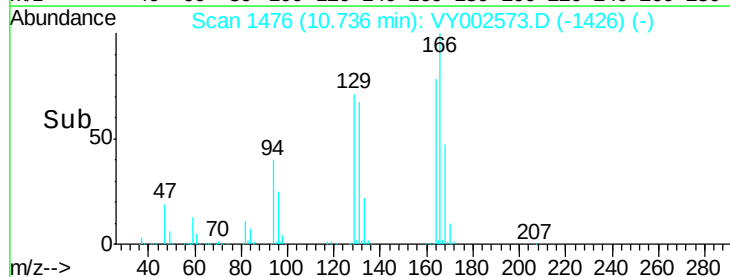
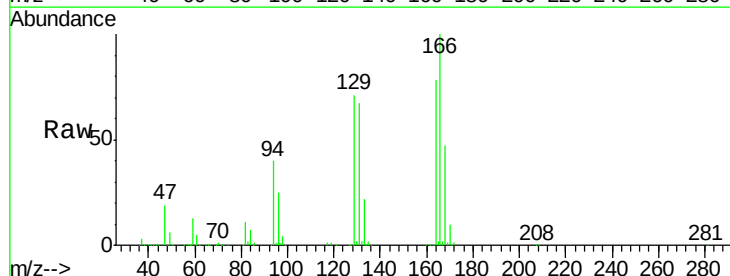
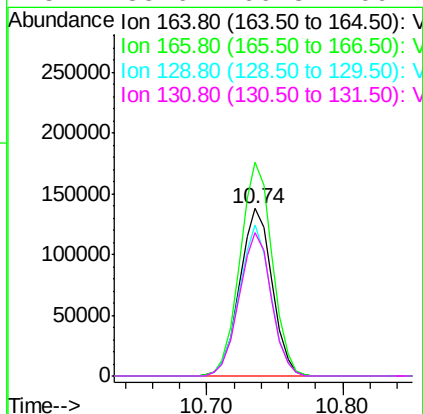
Manual Integrations
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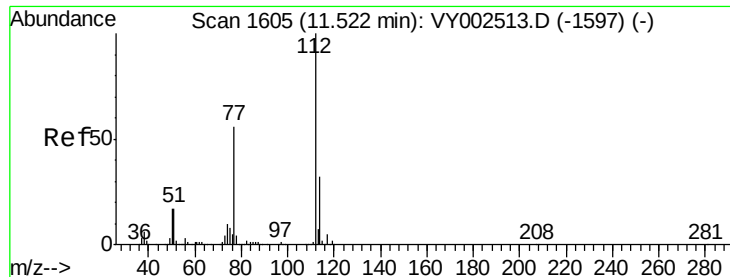
MMDadoda
5/5/2020 11:29:27 AM



#64
Tetrachloroethene
Concen: 53.266 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	100.7	151.1
129	90.5	68.3	102.5
131	85.6	66.8	100.2





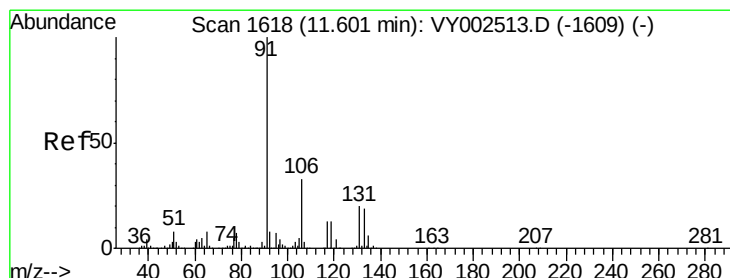
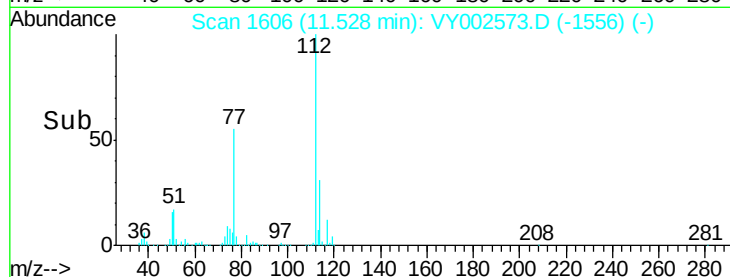
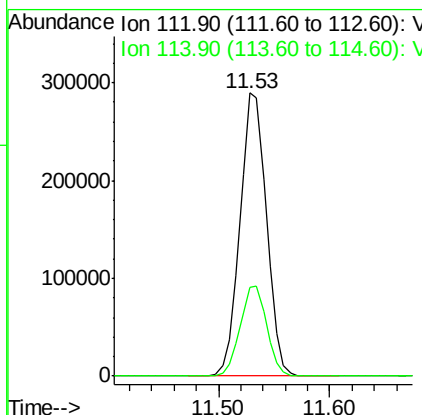
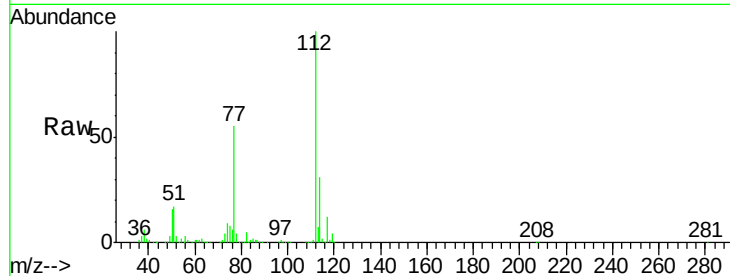
#65
Chlorobenzene
Concen: 51.973 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.8	38.6

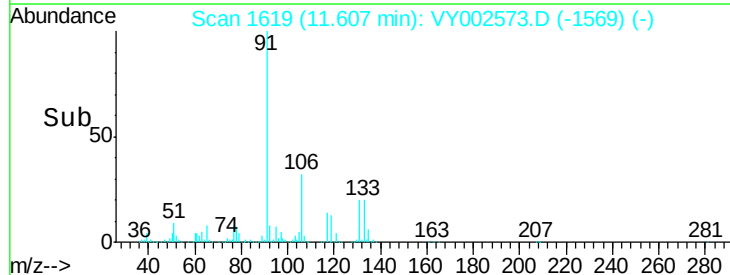
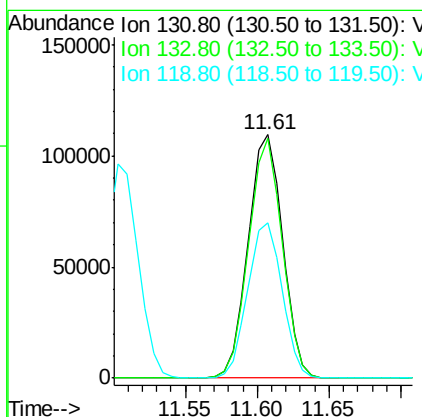
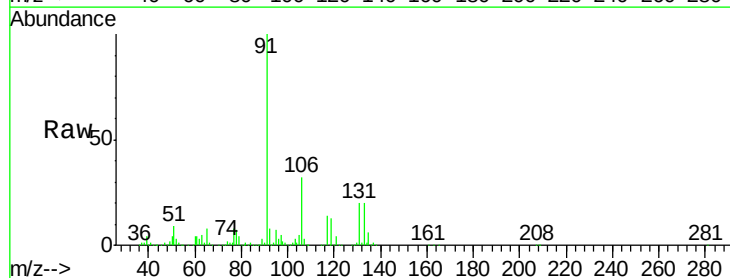
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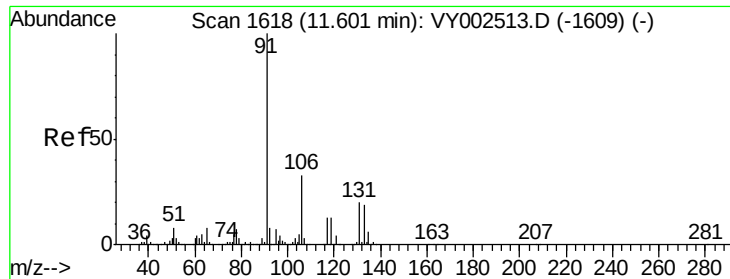
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.278 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	48.1	144.4
119	63.9	31.6	95.0





#67

Ethyl Benzene

Concen: 50.645 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 815529

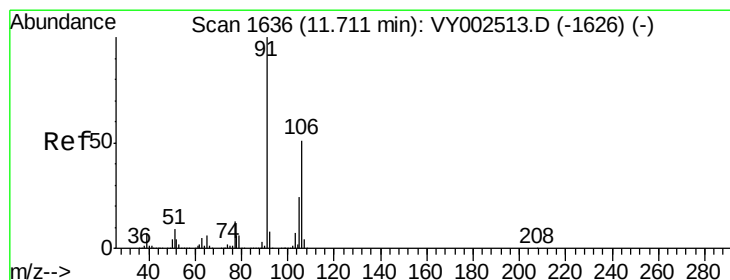
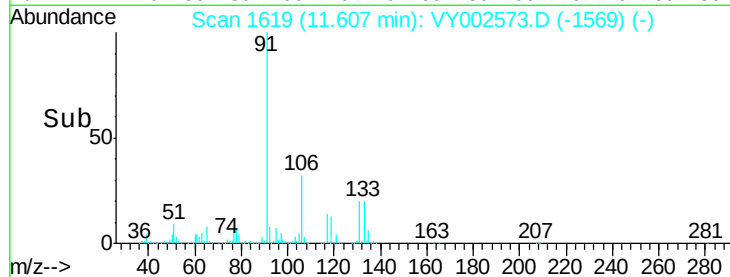
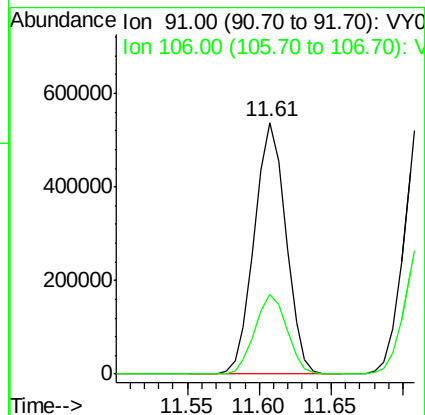
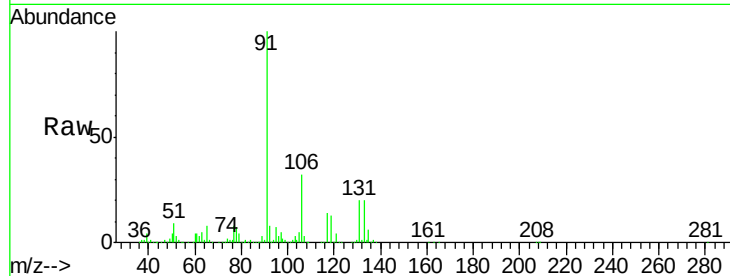
Ion Ratio Lower Upper

91 100

106 31.6 26.1 39.1

Manual Integrations
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5/5/2020 11:29:27 AM



#68

m/p-Xylenes

Concen: 100.921 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY002573.D

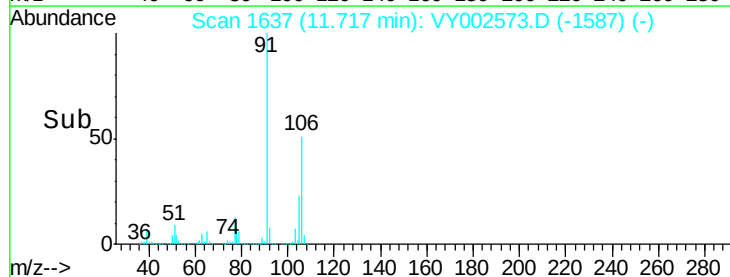
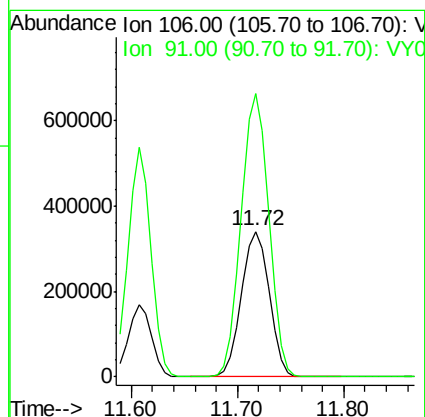
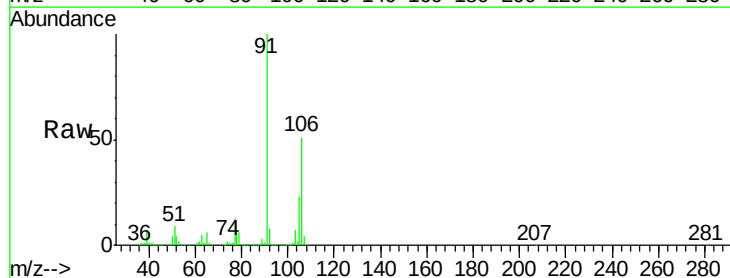
Acq: 05 May 2020 04:34

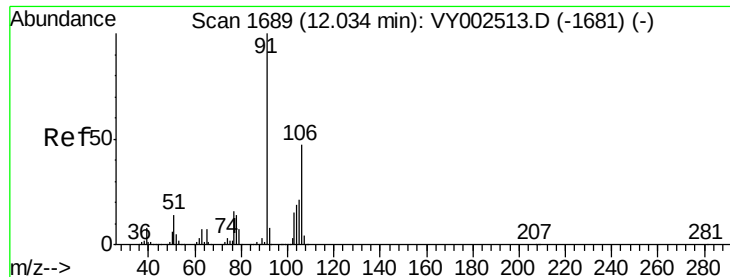
Tgt Ion: 106 Resp: 628798

Ion Ratio Lower Upper

106 100

91 194.1 155.2 232.8





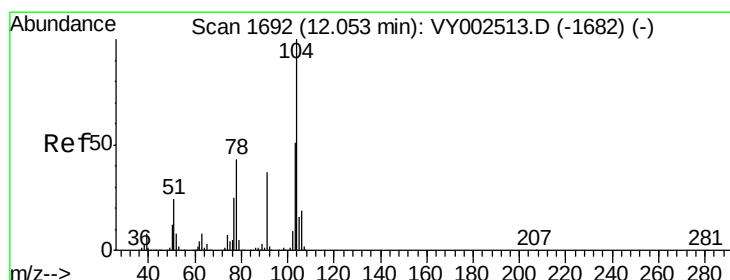
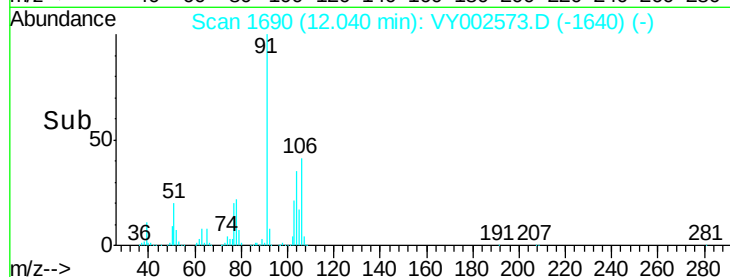
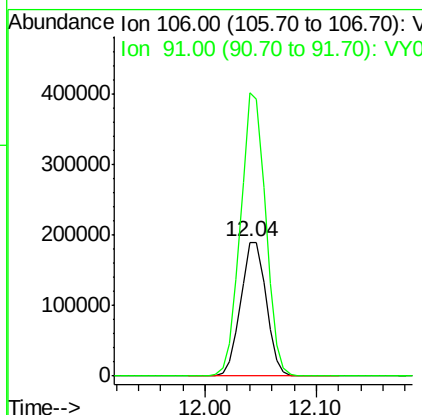
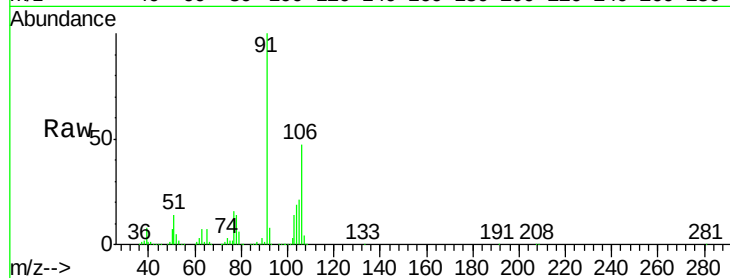
#69
o-Xylene
Concen: 52.188 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	207.5	103.8	311.3	

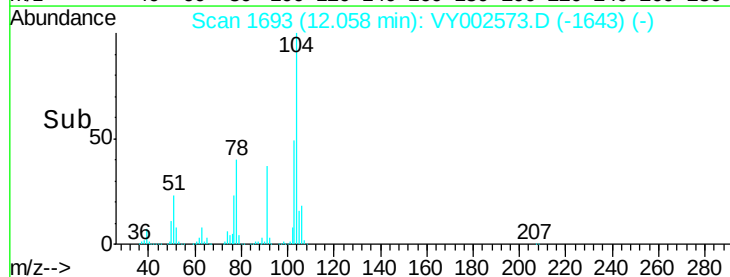
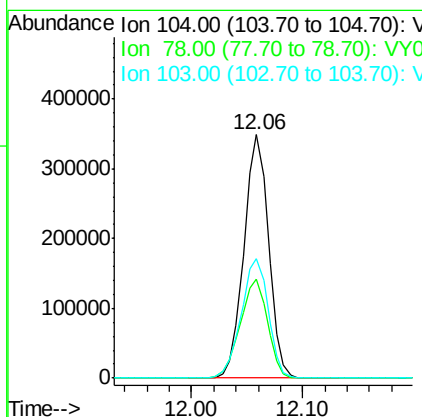
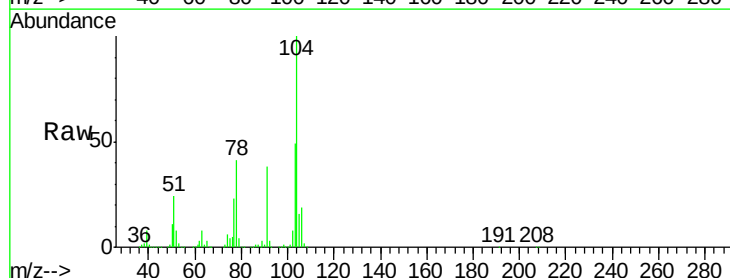
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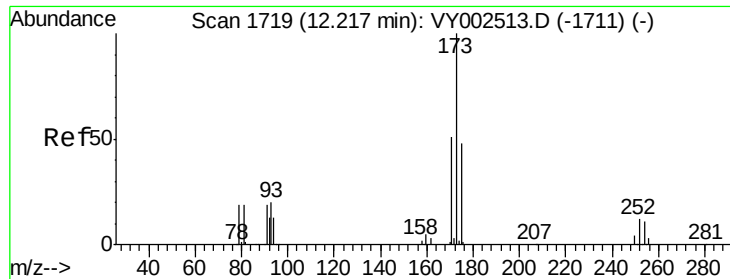
MMDadoda
5/5/2020 11:29:27 AM



#70
Styrene
Concen: 53.844 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	45.0	37.4	56.0	
103	53.9	43.9	65.9	





#71

Bromoform

Concen: 53.733 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

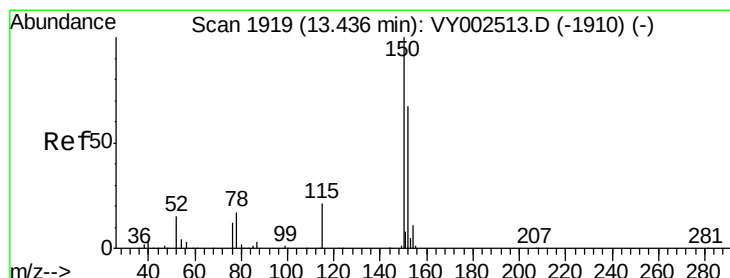
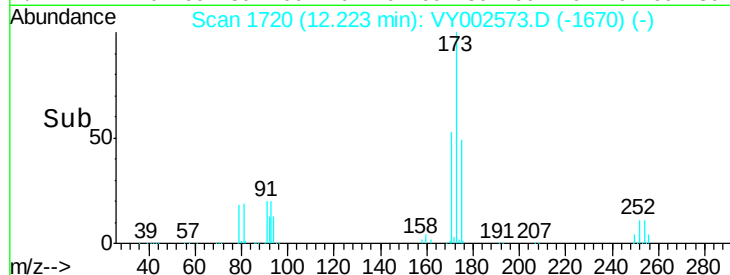
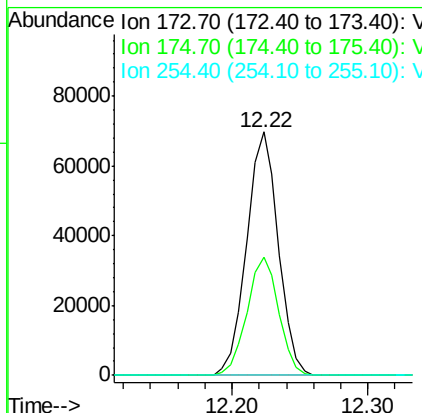
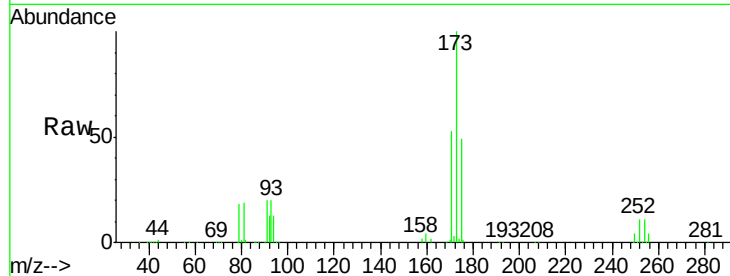
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.8
254	0.1	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

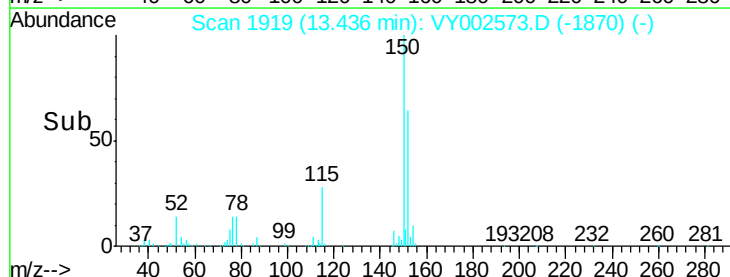
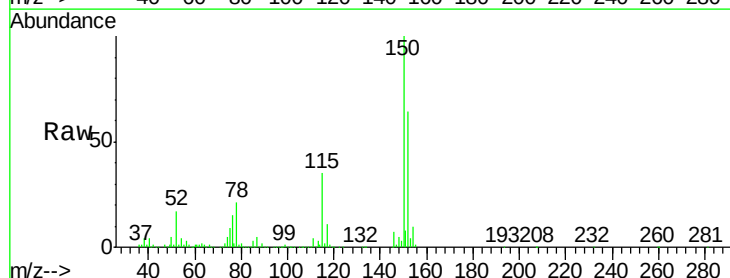
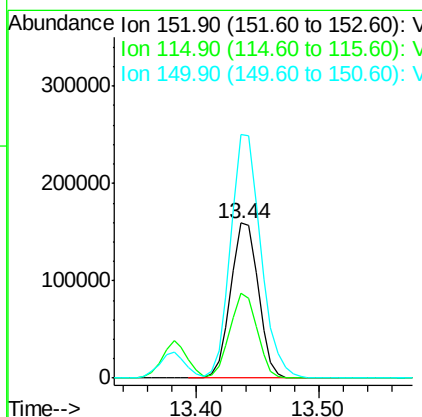
RT: 13.44 min Scan# 1919

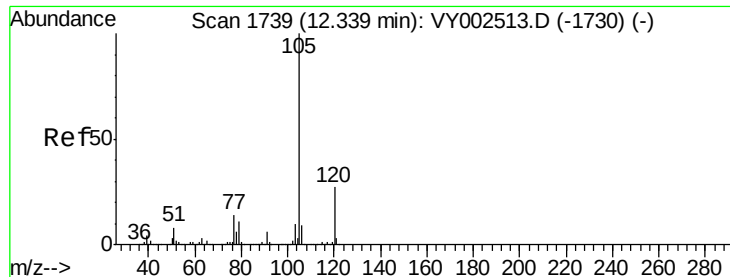
Delta R.T. -0.00 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.5	82.4
150	171.3	0.0	346.4





#73

Isopropylbenzene

Concen: 48.923 ug/l

RT: 12.34 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 788911

Ion Ratio Lower Upper

105 100

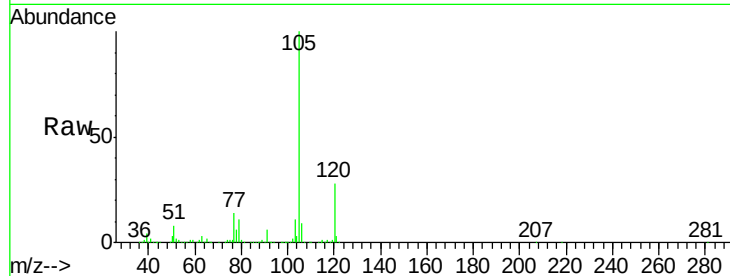
120 27.7 13.8 41.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

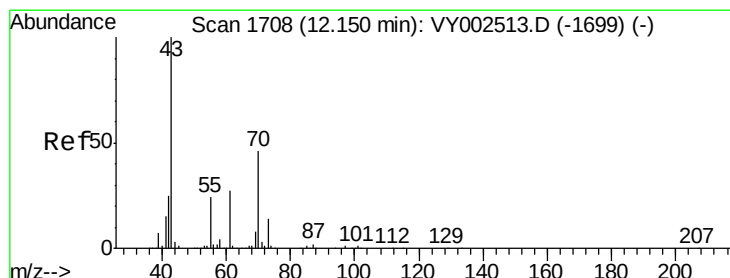
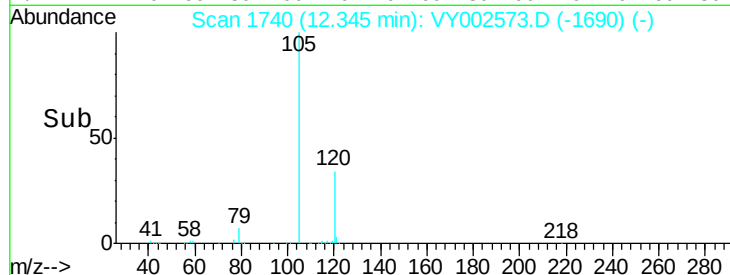
0

12.30

12.34

12.40

Time-->



#74

N-ethyl acetate

Concen: 55.555 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Tgt Ion: 43 Resp: 215501

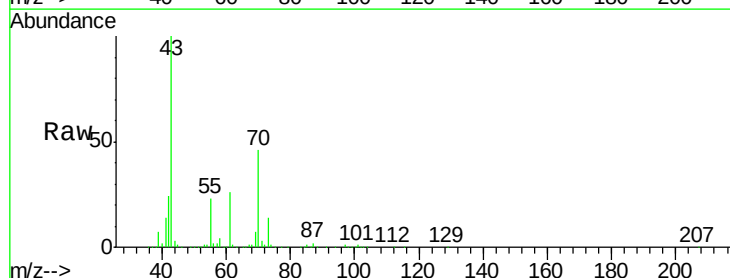
Ion Ratio Lower Upper

43 100

70 46.3 36.7 55.1

55 23.7 19.2 28.8

61 26.2 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

200000

150000

100000

50000

0

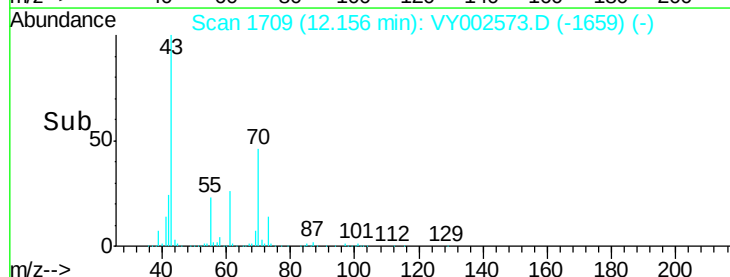
12.10

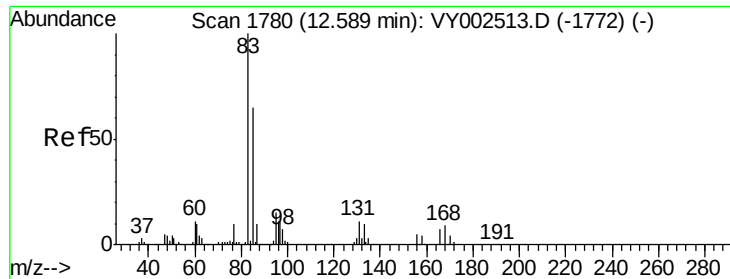
12.16

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.051 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

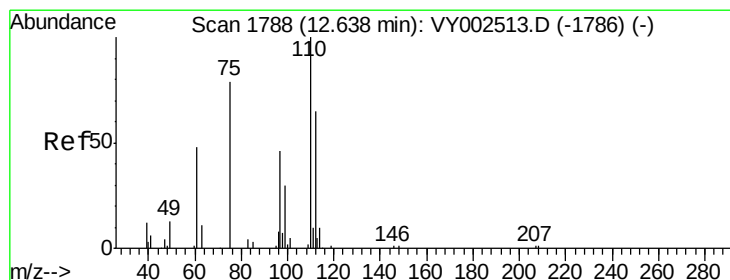
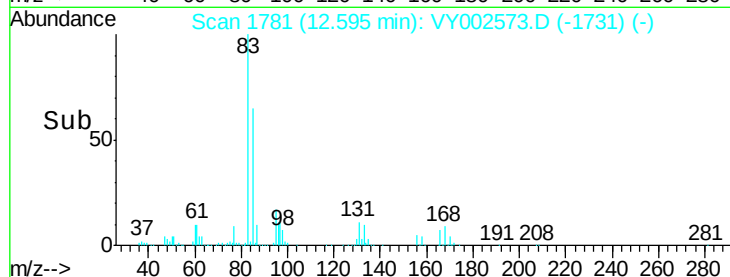
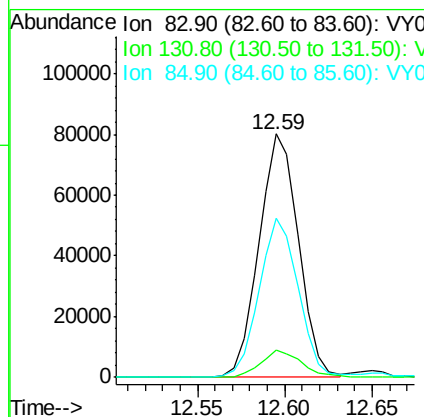
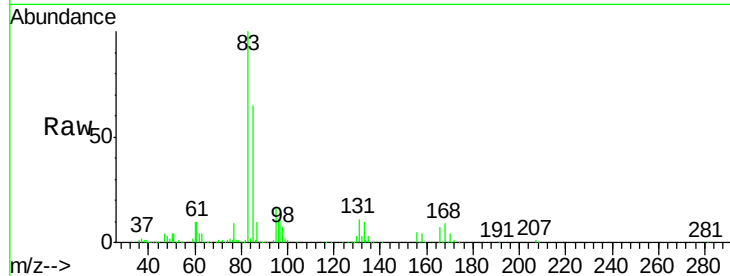
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	125794
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.9	17.8
85	64.8	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 42.838 ug/l m

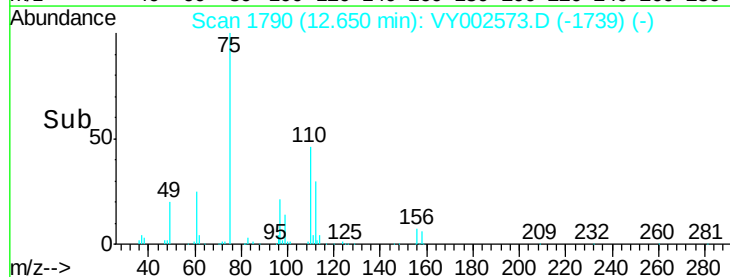
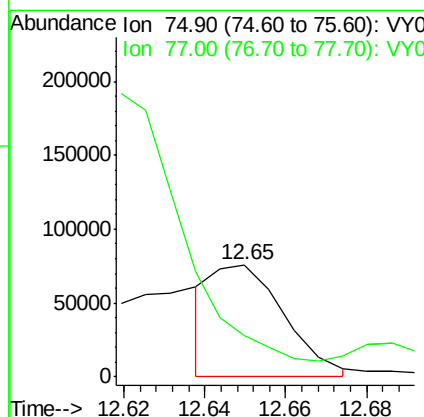
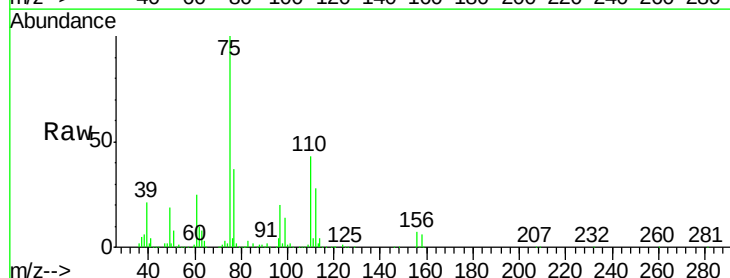
RT: 12.65 min Scan# 1790

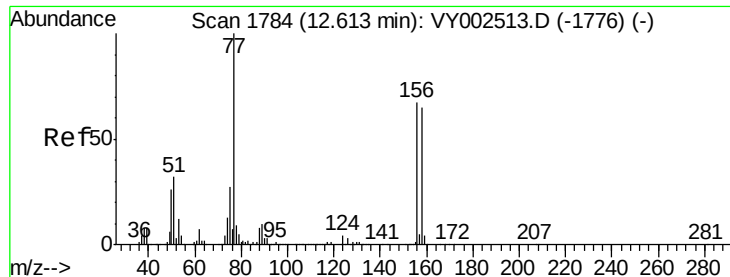
Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Tgt Ion:	75	Resp:	94721
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.945 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

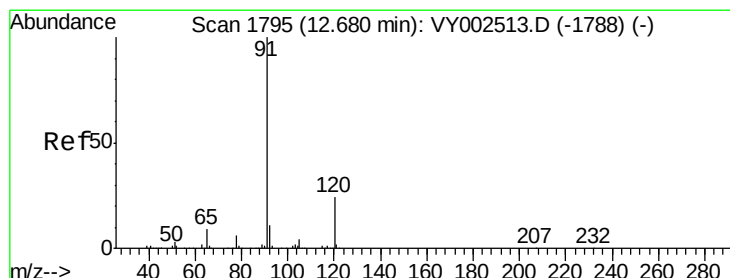
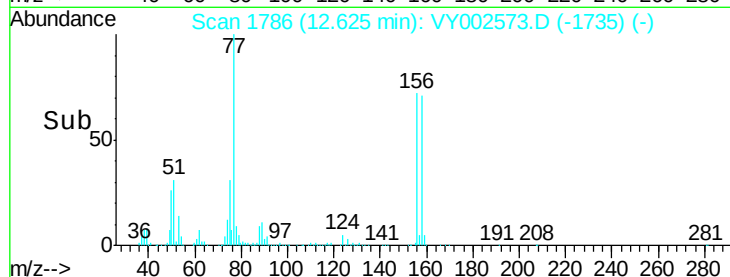
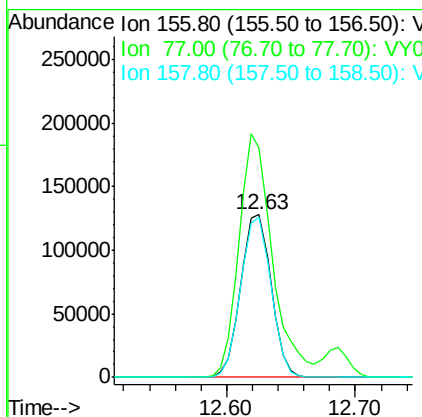
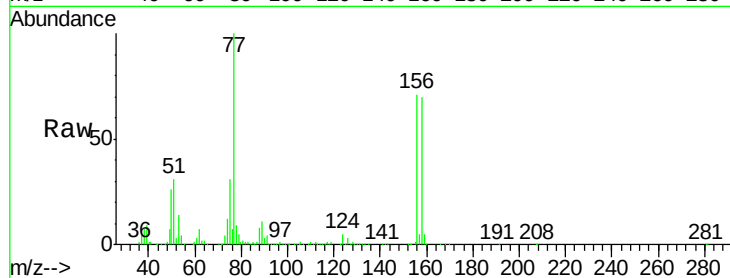
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	209275
Ion Ratio	Lower	Upper	
156	100		
77	165.1	82.0	245.8
158	97.9	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 48.740 ug/l

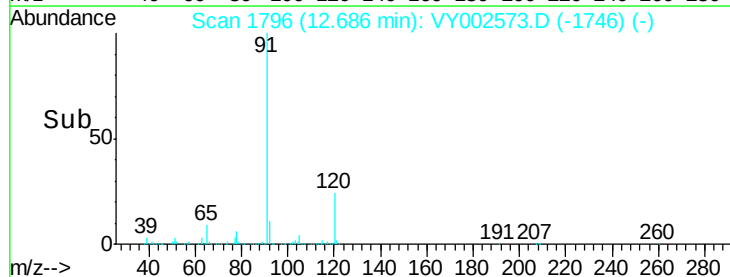
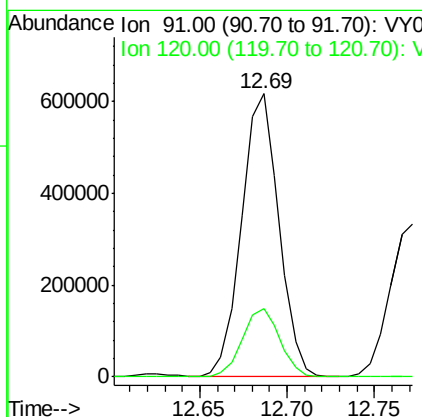
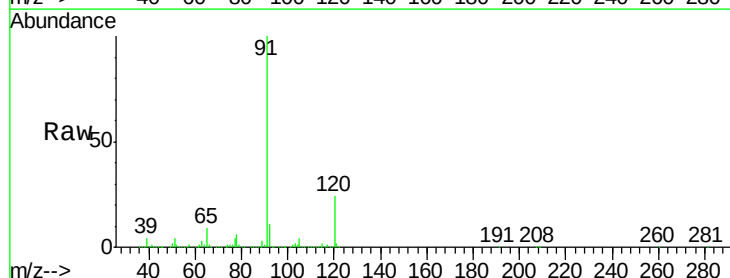
RT: 12.69 min Scan# 1796

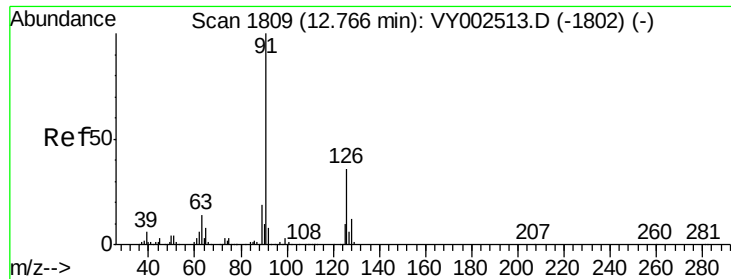
Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Tgt Ion:	91	Resp:	912085
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.2	36.4





#79

2-Chlorotoluene

Concen: 50.435 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 522800

Ion Ratio Lower Upper

91 100

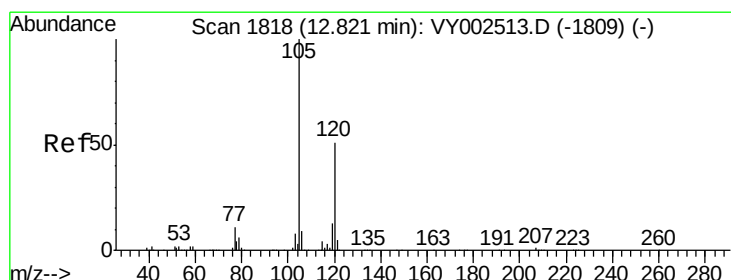
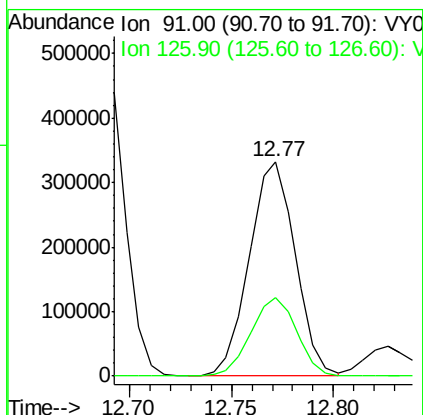
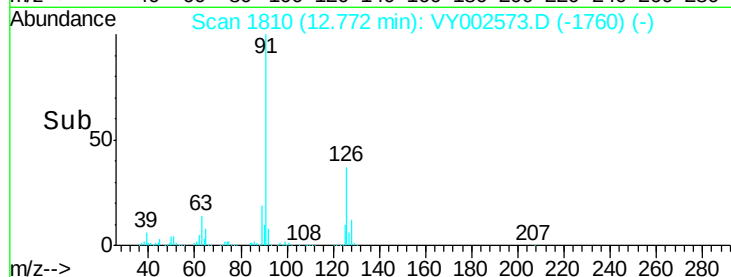
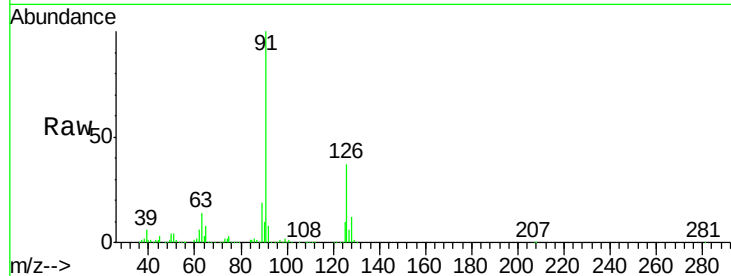
126 36.6 18.4 55.2

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#80

1,3,5-Trimethylbenzene

Concen: 50.402 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY002573.D

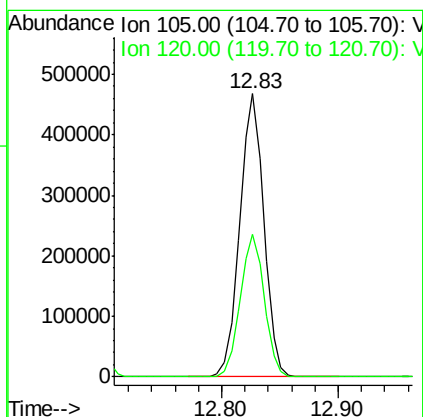
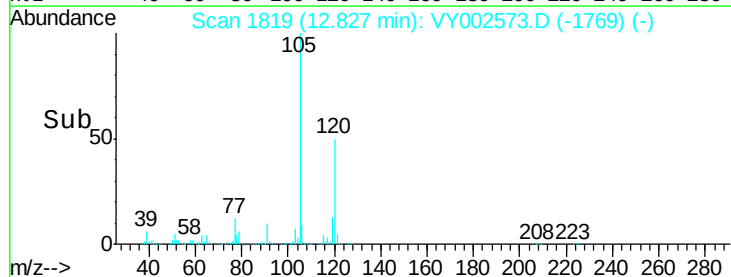
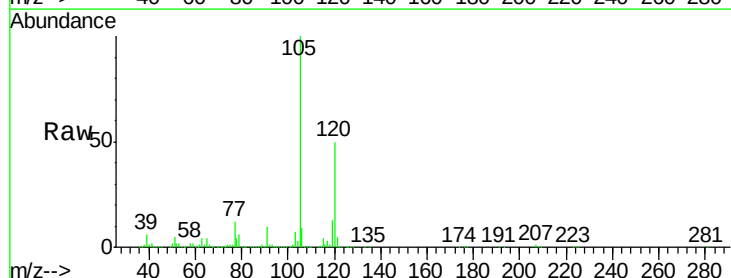
Acq: 05 May 2020 04:34

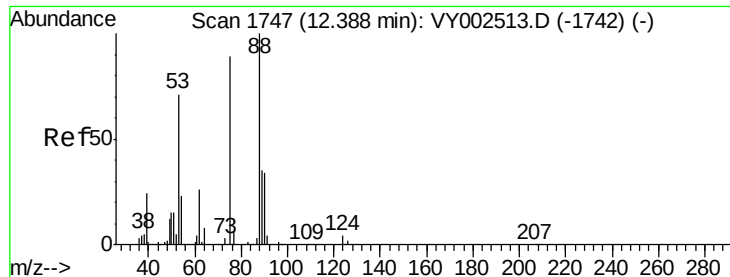
Tgt Ion: 105 Resp: 673722

Ion Ratio Lower Upper

105 100

120 50.5 25.3 75.9





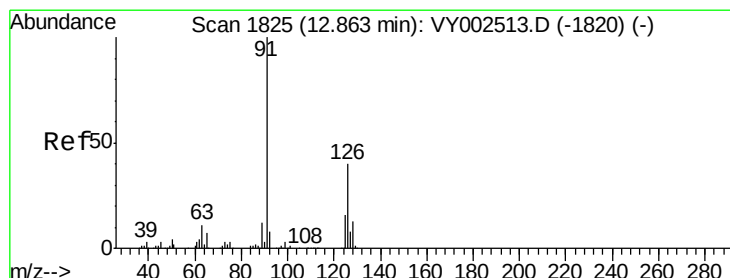
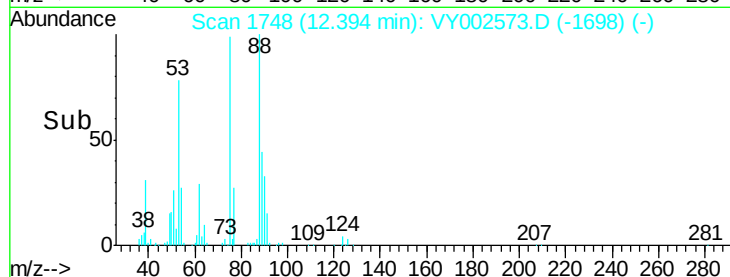
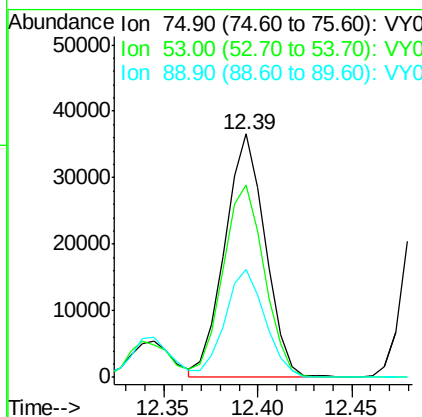
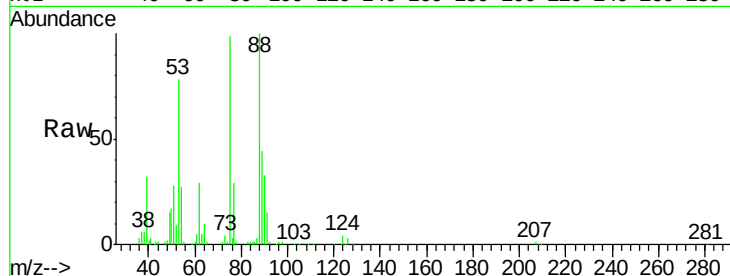
#81
trans-1,4-Dichloro-2-butene
Concen: 49.087 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.2	67.4	101.0
89	43.7	37.4	56.0

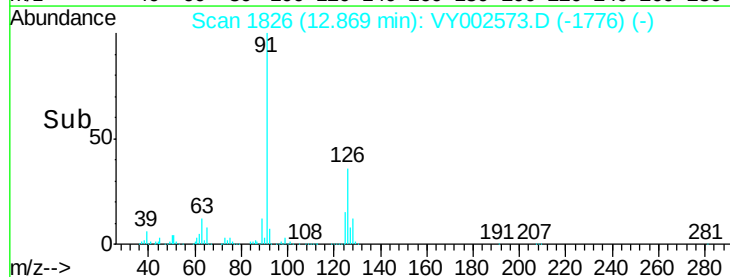
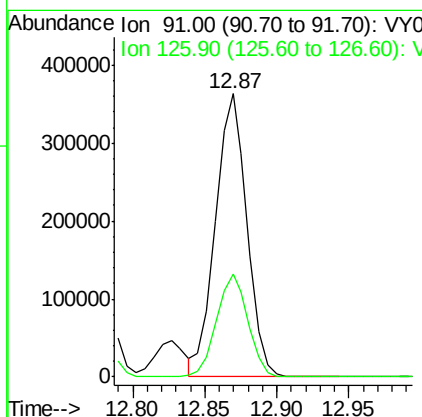
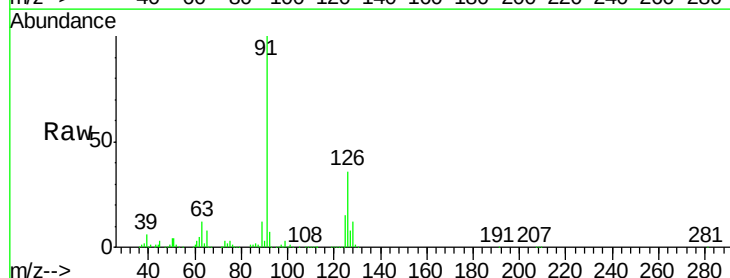
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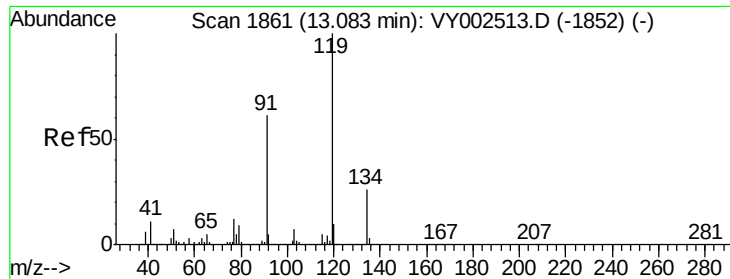
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.852 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.4	18.5	55.5





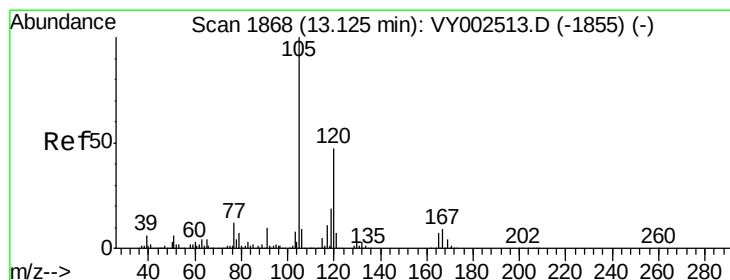
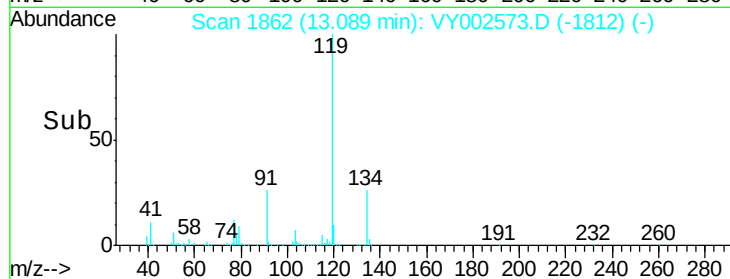
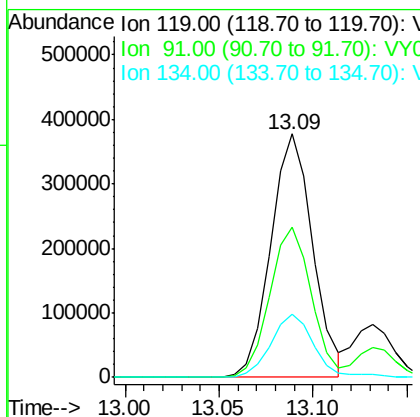
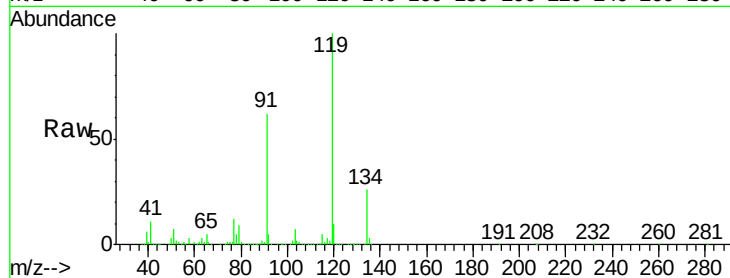
#83
 tert-Butylbenzene
 Concen: 49.490 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.2	30.6	91.6
134	26.9	13.5	40.4

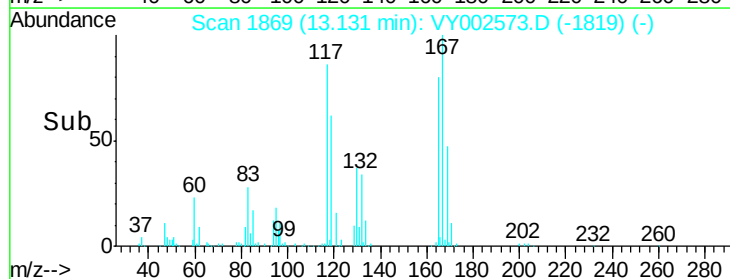
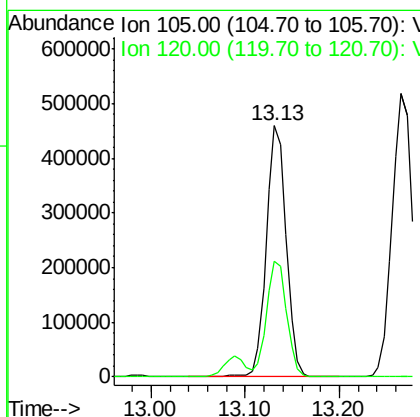
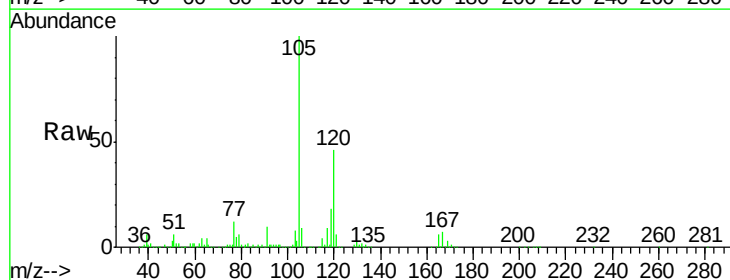
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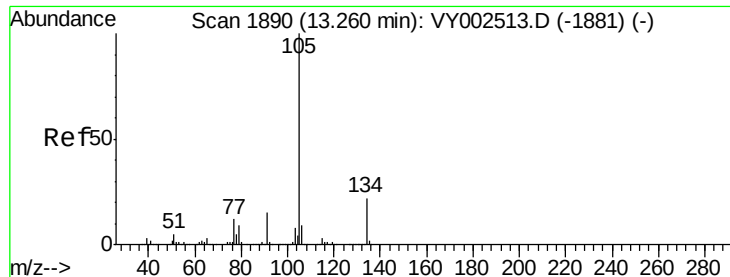
MMDadoda
 5/5/2020 11:29:27 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.303 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.4	70.3





#85

sec-Butylbenzene

Concen: 48.324 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 785916

Ion Ratio Lower Upper

105 100

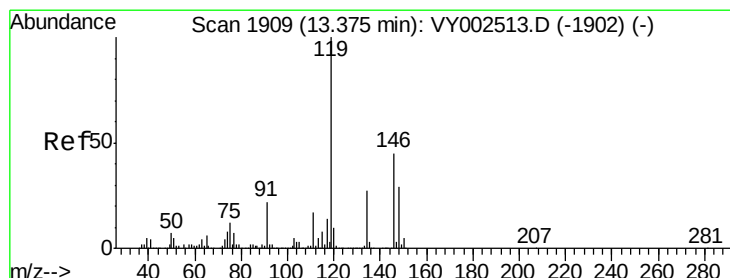
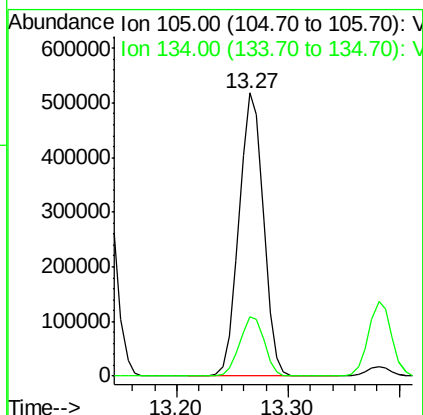
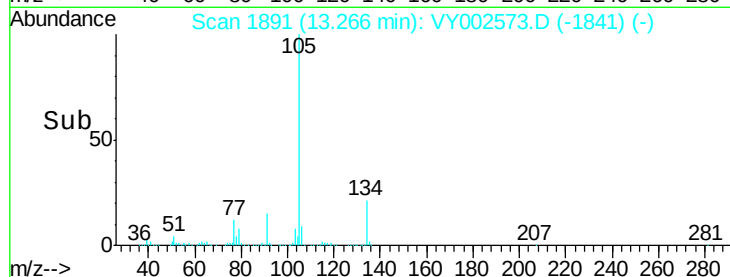
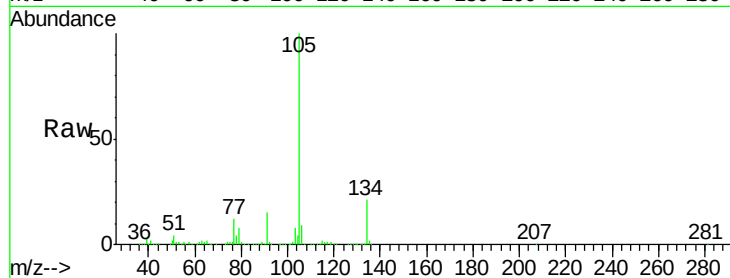
134 21.2 10.8 32.3

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#86

p-Isopropyltoluene

Concen: 48.791 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002573.D

Acq: 05 May 2020 04:34

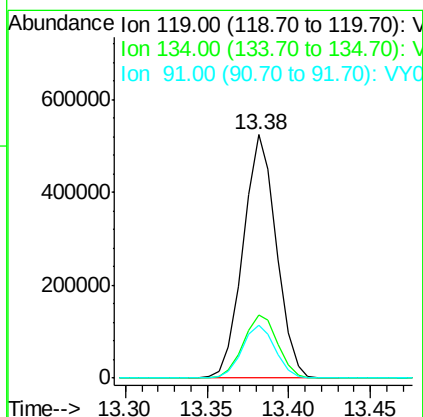
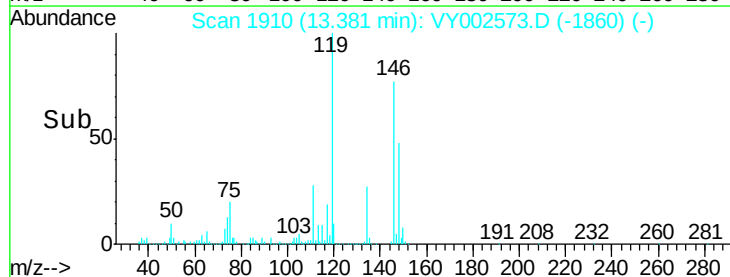
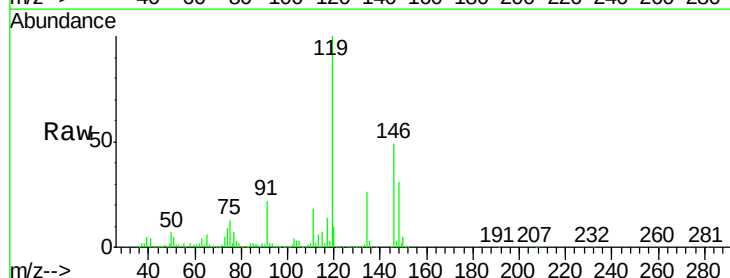
Tgt Ion:119 Resp: 743513

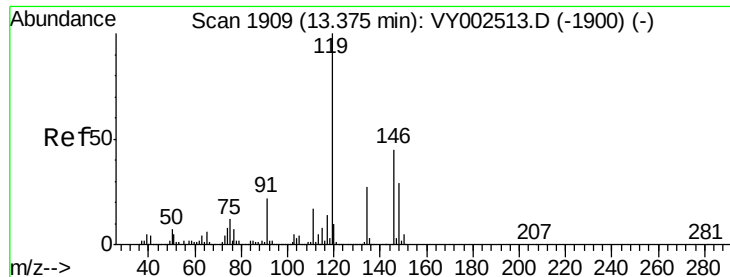
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

91 21.7 10.9 32.9





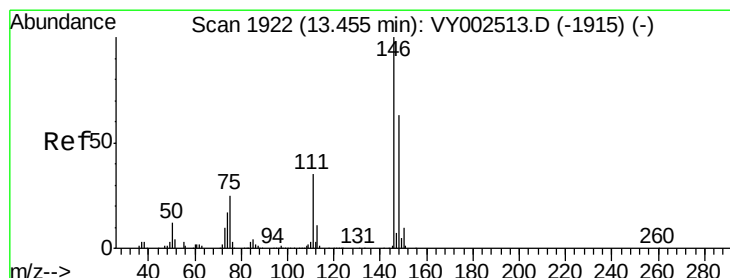
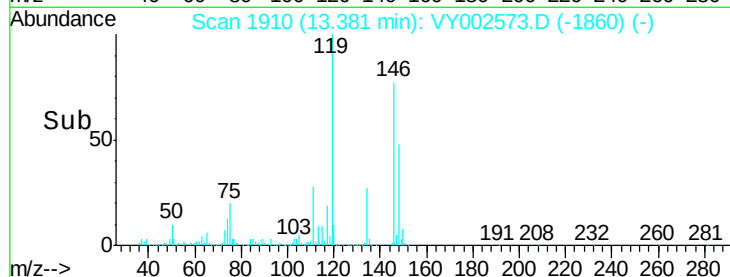
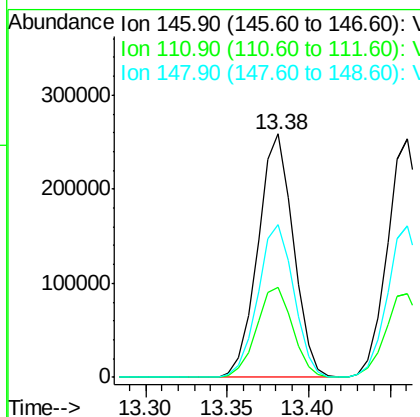
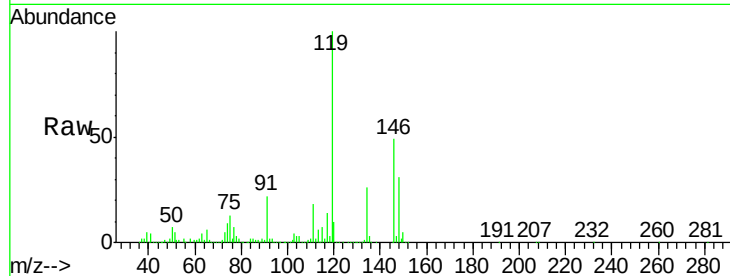
#87
 1,3-Dichlorobenzene
 Concen: 50.921 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	388285		
111	37.9	18.8	56.3	
148	63.8	32.1	96.3	

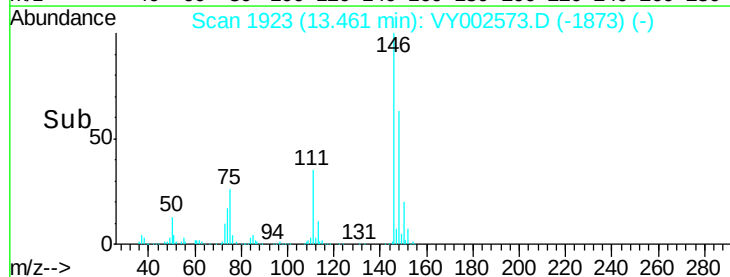
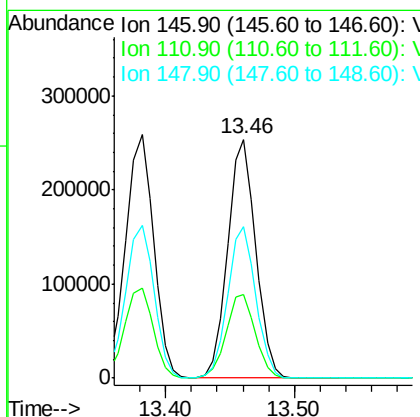
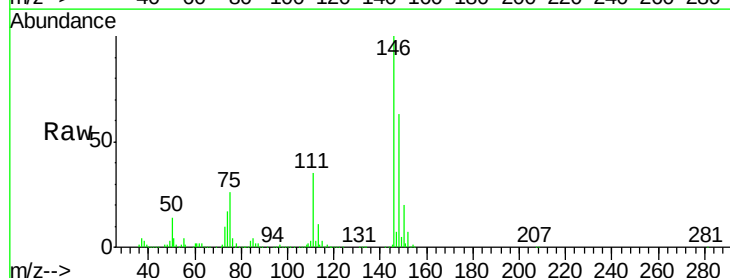
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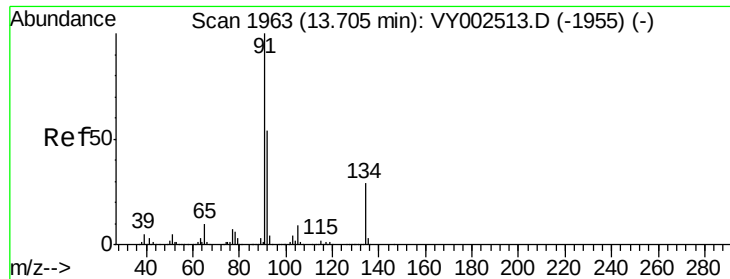
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#88
 1,4-Dichlorobenzene
 Concen: 51.223 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	386756		
111	36.3	18.1	54.1	
148	63.7	31.9	95.5	





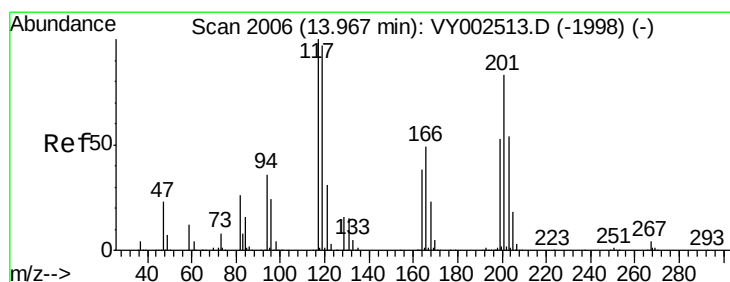
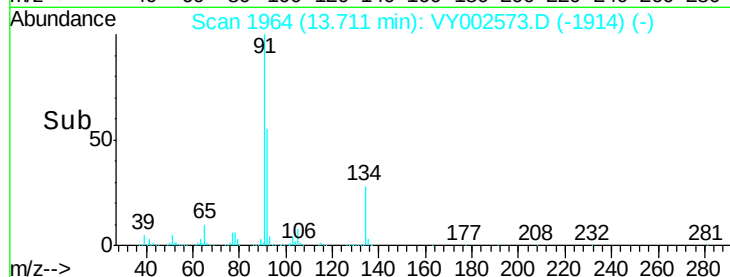
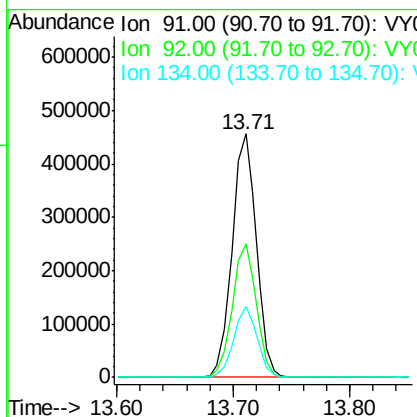
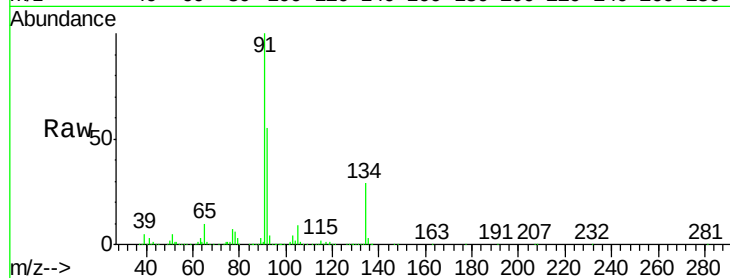
#89
n-Butylbenzene
Concen: 47.418 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.3
134	28.3	14.4	43.0

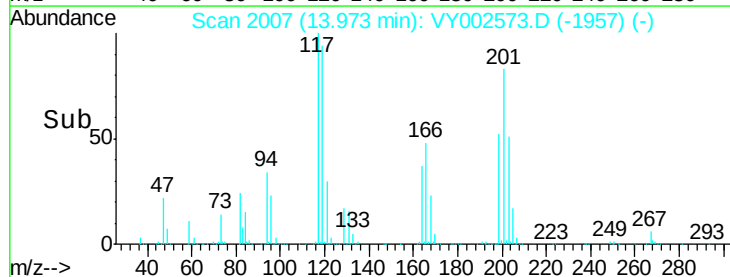
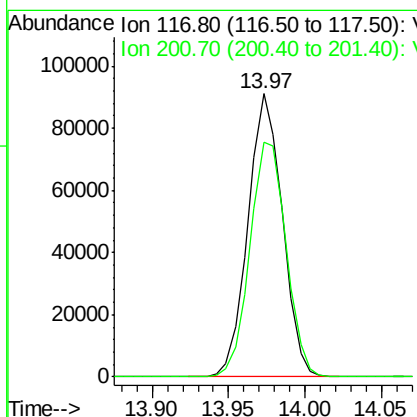
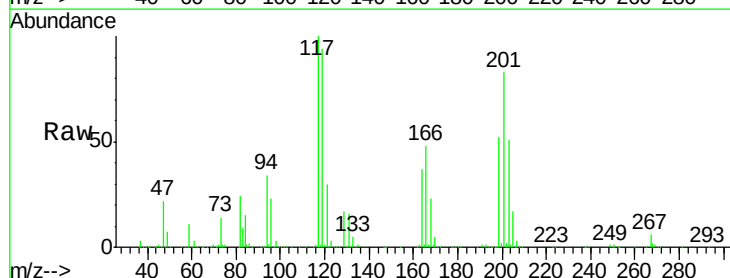
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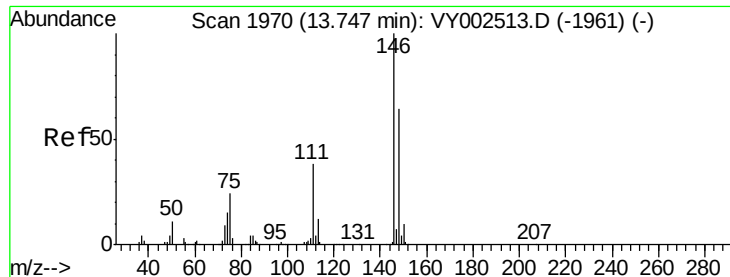
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#90
Hexachloroethane
Concen: 51.375 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.2	44.4	133.2





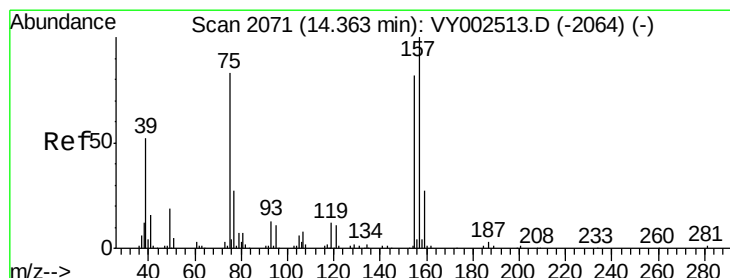
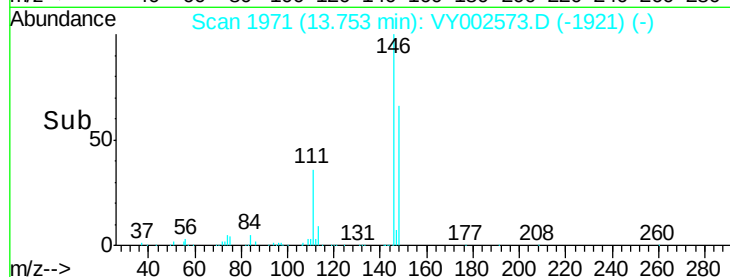
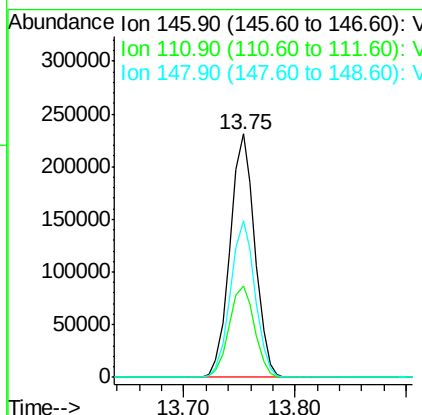
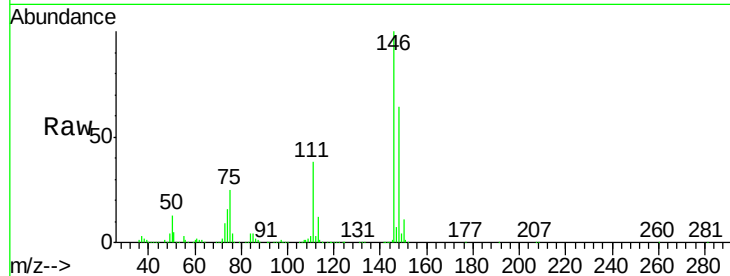
#91
 1,2-Dichlorobenzene
 Concen: 52.110 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.5
148	64.0	31.9	95.7

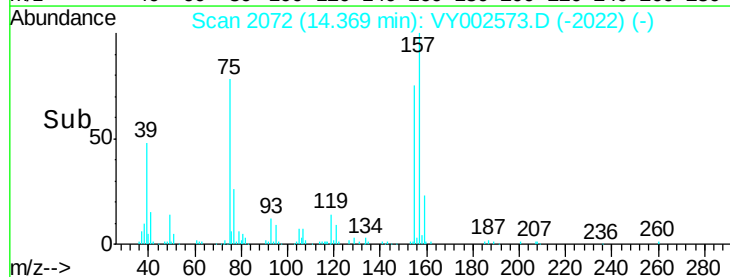
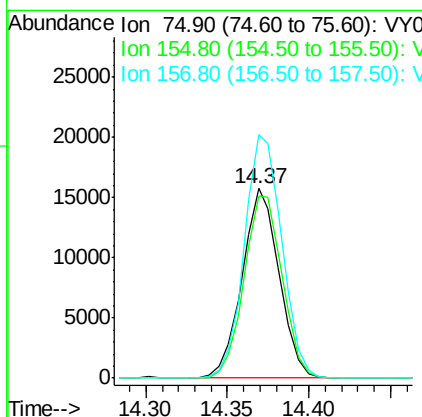
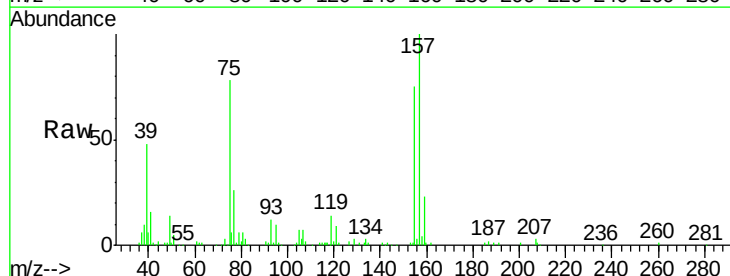
Manual Integrations
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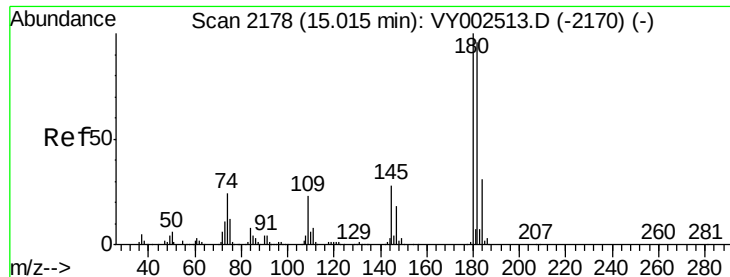
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.856 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.6	51.3	153.9
157	130.4	65.0	195.0





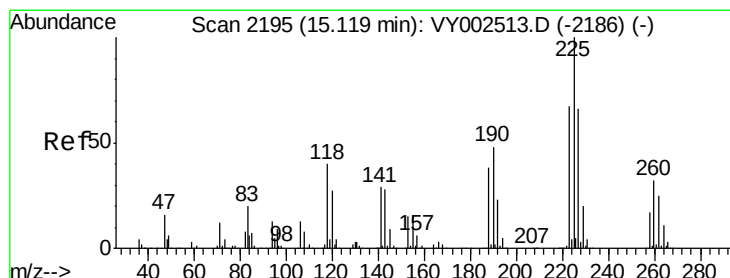
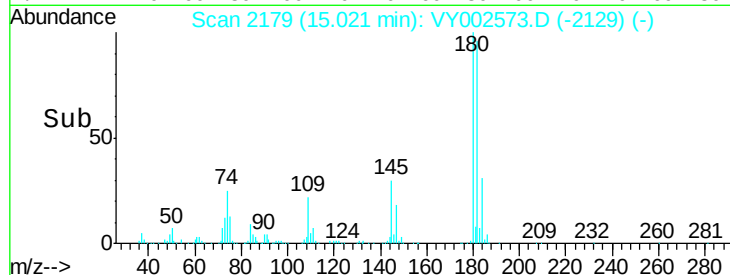
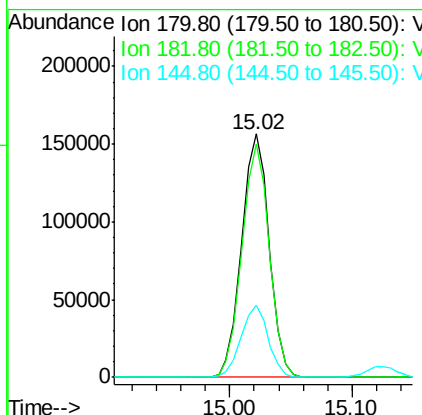
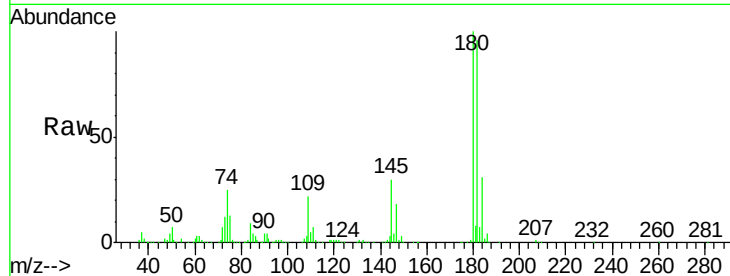
#93
 1,2,4-Trichlorobenzene
 Concen: 49.380 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	243930		
182	95.4	47.9	143.6	
145	29.3	14.4	43.0	

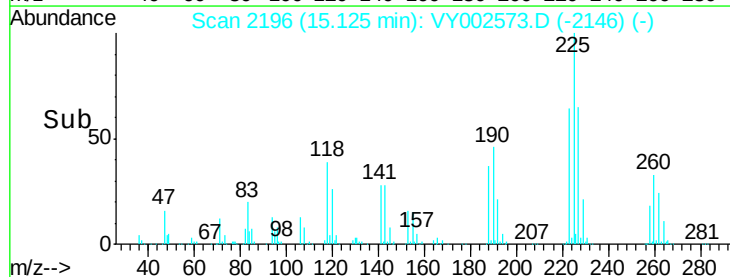
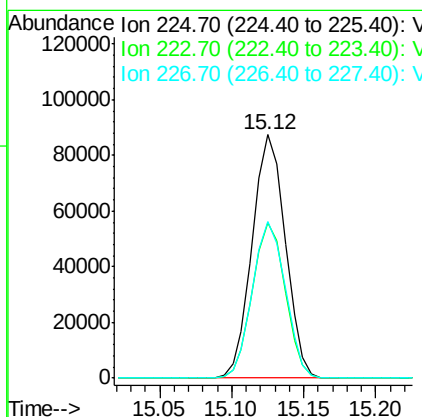
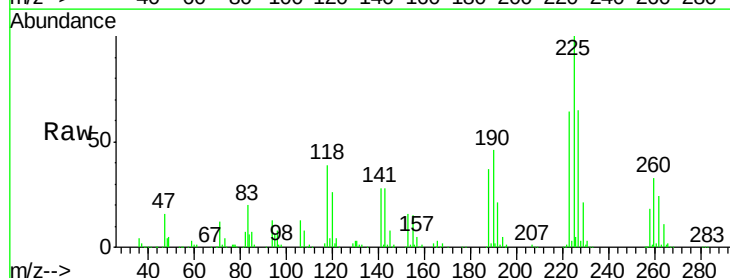
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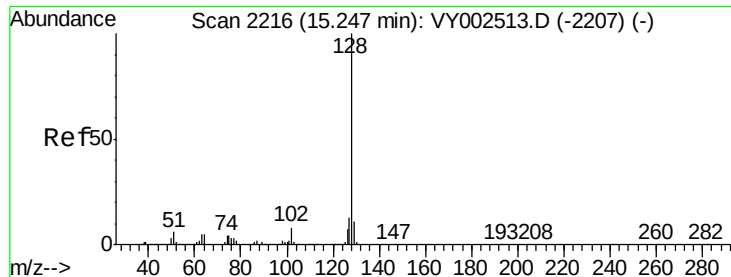
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#94
 Hexachlorobutadiene
 Concen: 46.940 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002573.D
 Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	139183		
223	63.4	32.1	96.5	
227	64.2	32.0	96.2	





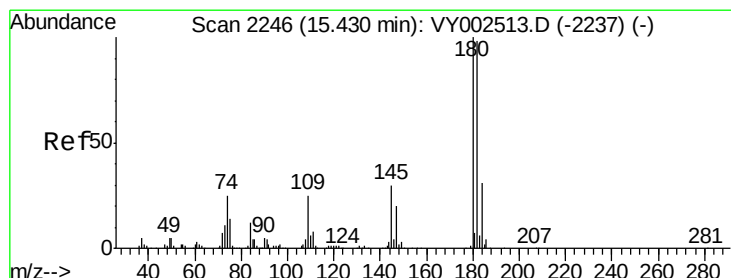
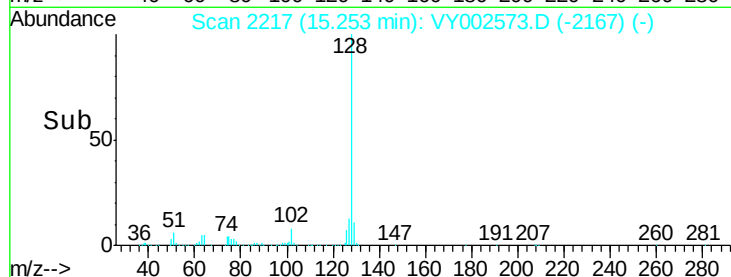
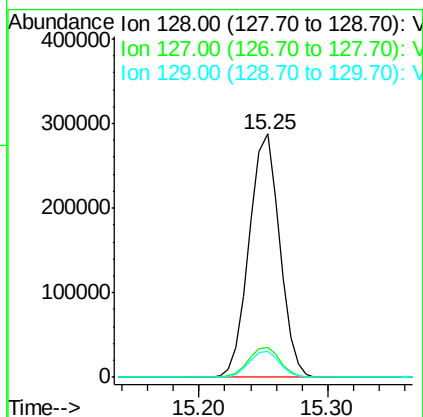
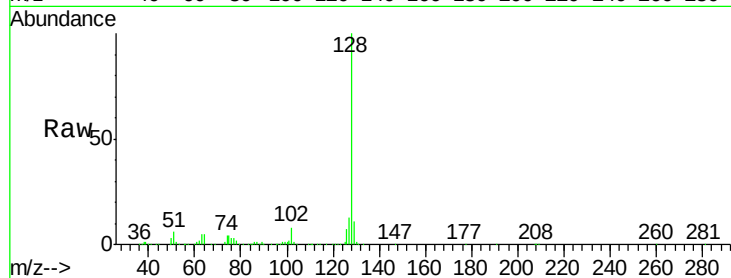
#95
Naphthalene
Concen: 52.134 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	469799		
127	12.8	10.5	15.7	
129	11.0	8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:29:27 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.956 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY002573.D
Acq: 05 May 2020 04:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	213686		
182	94.3	47.9	143.8	
145	30.4	15.0	45.1	

