

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
 Data File : VY002996.D
 Acq On : 25 Jun 2020 13:20
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:22:20 AM

Quant Time: Jun 25 18:38:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 25 18:33:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	471159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	575653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	670983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	305878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	565041	140.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.28%	
35) Dibromofluoromethane	7.72	113	531173	147.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.20%	
50) Toluene-d8	10.18	98	2182987	157.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.36%	
62) 4-Bromofluorobenzene	12.48	95	833815	161.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	322.76%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	404377	143.076	ug/l	100
3) Chloromethane	2.12	50	561368	144.362	ug/l	98
4) Vinyl Chloride	2.26	62	572047	146.694	ug/l	100
5) Bromomethane	2.63	94	471192	161.966	ug/l	99
6) Chloroethane	2.79	64	384787	152.043	ug/l	99
7) Trichlorofluoromethane	3.13	101	1122089	151.561	ug/l	99
8) Diethyl Ether	3.54	74	352137	157.983	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	565919	146.473	ug/l	98
10) Methyl Iodide	4.10	142	824551	152.527	ug/l	100
11) Tert butyl alcohol	4.97	59	288748	717.826	ug/l	99
12) 1,1-Dichloroethene	3.88	96	549736	145.067	ug/l	99
13) Acrolein	3.74	56	302419	752.471	ug/l	99
14) Allyl chloride	4.49	41	845325	140.629	ug/l	100
15) Acrylonitrile	5.18	53	763198	745.522	ug/l	98
16) Acetone	3.95	43	668711	775.069	ug/l	100
17) Carbon Disulfide	4.20	76	1637535	140.894	ug/l	99
18) Methyl Acetate	4.49	43	326728	144.372	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	1556923	146.511	ug/l	99
20) Methylene Chloride	4.72	84	597605	118.476	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	592120	141.090	ug/l	99
22) Diisopropyl ether	6.13	45	1864731	154.072	ug/l	99
23) Vinyl Acetate	6.07	43	6468075	790.350	ug/l	98
24) 1,1-Dichloroethane	6.03	63	1071276	153.852	ug/l	99
25) 2-Butanone	6.99	43	1076222	796.254	ug/l	99
26) 2,2-Dichloropropane	6.99	77	1023997	146.150	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	712556	152.187	ug/l	100
28) Bromochloromethane	7.34	49	456094	164.910	ug/l	98
29) Tetrahydrofuran	7.35	42	719840	804.384	ug/l	100
30) Chloroform	7.51	83	1049326	142.227	ug/l	99
31) Cyclohexane	7.79	56	804294	123.481	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	953680	136.863	ug/l	99
36) 1,1-Dichloropropene	7.93	75	717649	132.877	ug/l	99
37) Ethyl Acetate	7.08	43	500132	164.961	ug/l	100
38) Carbon Tetrachloride	7.91	117	919146	140.850	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	898586	141.662	ug/l	99
40) Benzene	8.16	78	2037532	139.494	ug/l	99
41) Methacrylonitrile	7.33	41	259788m	63.174	ug/l	
42) 1,2-Dichloroethane	8.24	62	672501	143.043	ug/l	100
43) Isopropyl Acetate	8.28	43	744469	139.524	ug/l	99
44) Trichloroethene	8.94	130	641816	140.851	ug/l	98
45) 1,2-Dichloropropane	9.22	63	482857	142.871	ug/l	98
46) Dibromomethane	9.31	93	298284	145.602	ug/l	100
47) Bromodichloromethane	9.50	83	723780	142.404	ug/l	99
48) Methyl methacrylate	9.30	41	373132	152.594	ug/l	99
49) 1,4-Dioxane	9.30	88	80035	3346.774	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	2220021	805.814	ug/l	98
52) Toluene	10.24	92	1491957	153.279	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	911559	157.593	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	832536	138.763	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	491476	155.896	ug/l	100
56) Ethyl methacrylate	10.51	69	709824	163.093	ug/l	100
57) 1,3-Dichloropropane	10.79	76	813723	151.540	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	1466847	767.099	ug/l	97
59) 2-Hexanone	10.83	43	1578742	785.490	ug/l	99
60) Dibromochloromethane	10.99	129	692664	159.098	ug/l	100
61) 1,2-Dibromoethane	11.09	107	501203	158.102	ug/l	100
64) Tetrachloroethene	10.72	164	804977	129.209	ug/l	96
65) Chlorobenzene	11.52	112	1801320	135.048	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	740511	137.262	ug/l	99
67) Ethyl Benzene	11.59	91	3151485	135.034	ug/l	100
68) m/p-Xylenes	11.70	106	2452033	272.676	ug/l	99
69) o-Xylene	12.03	106	1117546	130.171	ug/l	100
70) Styrene	12.04	104	1951608	133.205	ug/l	100
71) Bromoform	12.20	173	493518	133.669	ug/l	100
73) Isopropylbenzene	12.33	105	2987008	150.125	ug/l	99
74) N-amyl acetate	12.14	43	789774	146.900	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	561461	158.772	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	433365m	83.945	ug/l	
77) Bromobenzene	12.61	156	869293	155.316	ug/l	99
78) n-propylbenzene	12.67	91	3373265	146.944	ug/l	100
79) 2-Chlorotoluene	12.75	91	1905104	145.558	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	2479969	141.291	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	228348	162.542	ug/l #	77
82) 4-Chlorotoluene	12.85	91	2031301	144.935	ug/l	100
83) tert-Butylbenzene	13.07	119	2083765	134.925	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	2178576	126.359	ug/l	99
85) sec-Butylbenzene	13.25	105	2494164	127.633	ug/l	100
86) p-Isopropyltoluene	13.37	119	2455926	133.322	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	1325257	136.185	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	1293426	135.316	ug/l	99
89) n-Butylbenzene	13.69	91	2097644	131.966	ug/l	99
90) Hexachloroethane	13.96	117	457789	137.252	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	1161960	135.939	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	91329	148.934	ug/l	98

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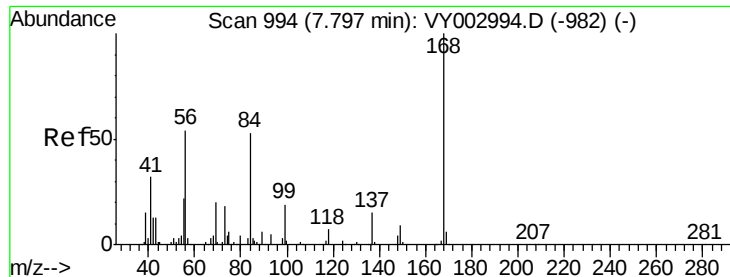
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	958321	140.883	ug/l	99
94) Hexachlorobutadiene	15.11	225	630622	135.464	ug/l	99
95) Naphthalene	15.23	128	1661459	149.090	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	838812	142.956	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 471159

Ion Ratio Lower Upper

168 100

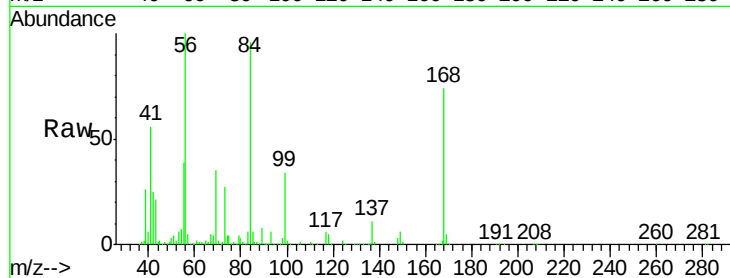
99 46.4 38.2 57.4

Manual Integrations

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6/26/2020 11:22:20 AM



Abundance Ion 167.90 (167.60 to 168.60): VY002994.D (-982) (-)

Ion 98.90 (98.60 to 99.60): VY002994.D (-982) (-)

250000

200000

150000

100000

50000

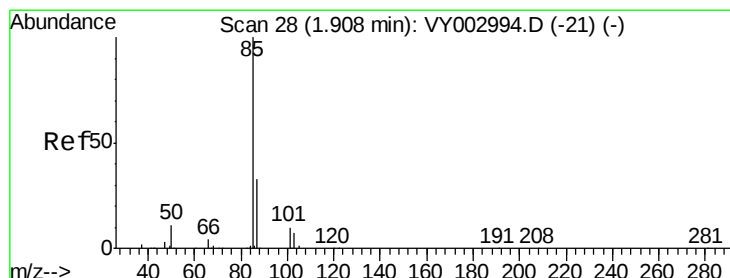
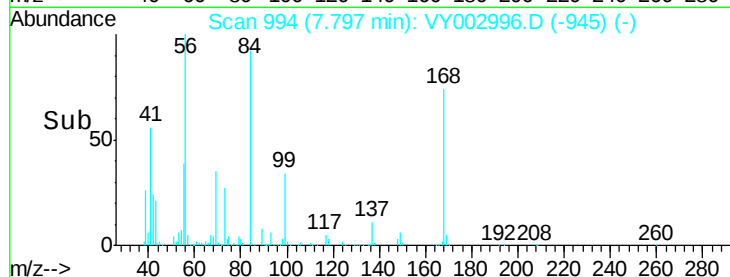
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 143.076 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002996.D

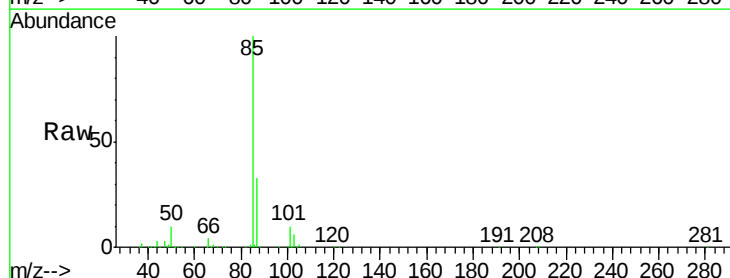
Acq: 25 Jun 2020 13:20

Tgt Ion: 85 Resp: 404377

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY002994.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002994.D (-21) (-)

300000

250000

200000

150000

100000

50000

0

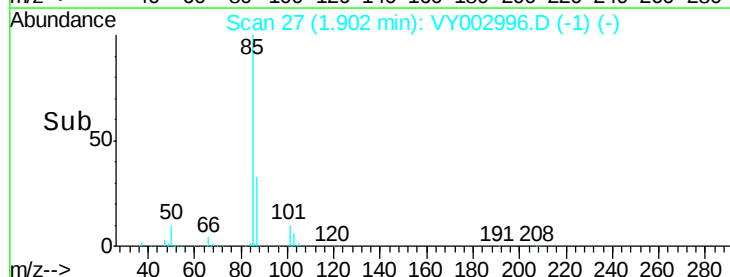
1.80

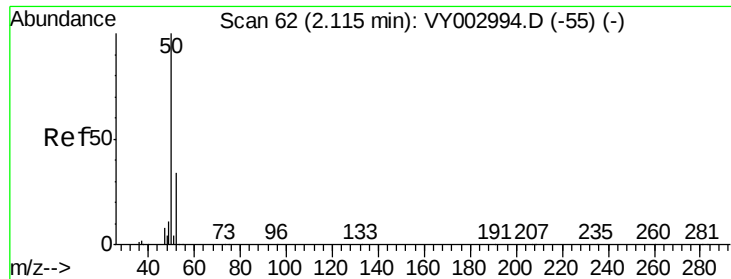
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 144.362 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 561368

Ion Ratio Lower Upper

50 100

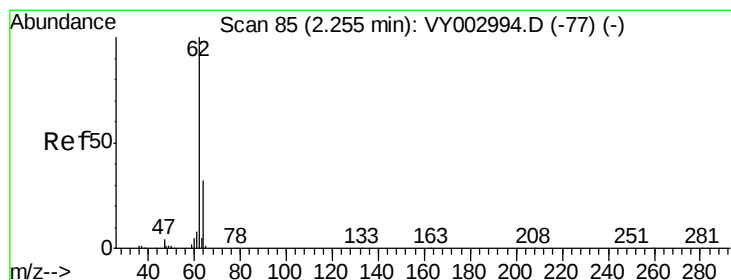
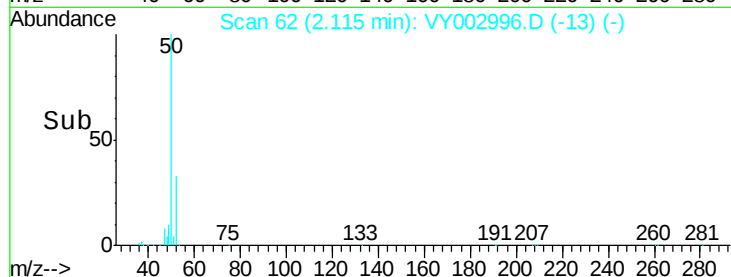
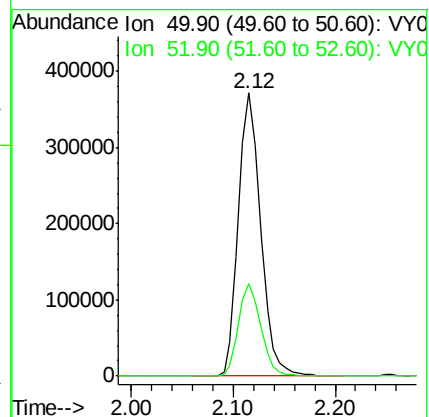
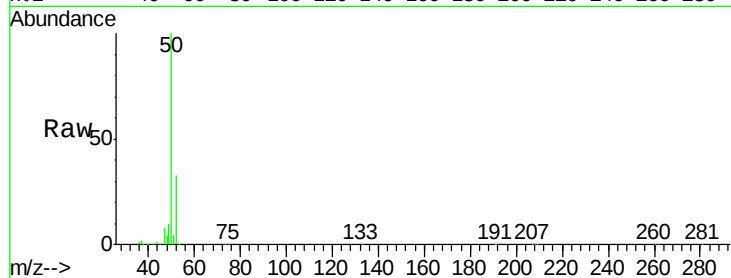
52 32.6 27.1 40.7

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#4

Vinyl Chloride

Concen: 146.694 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002996.D

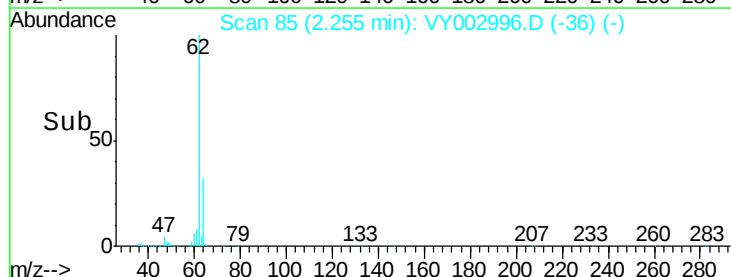
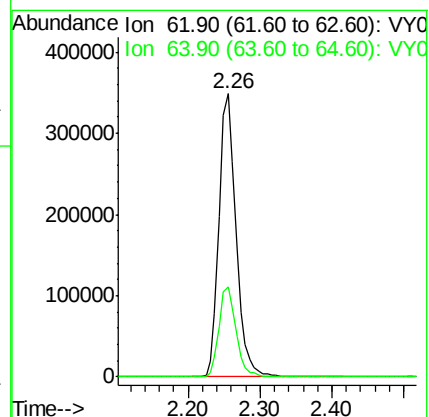
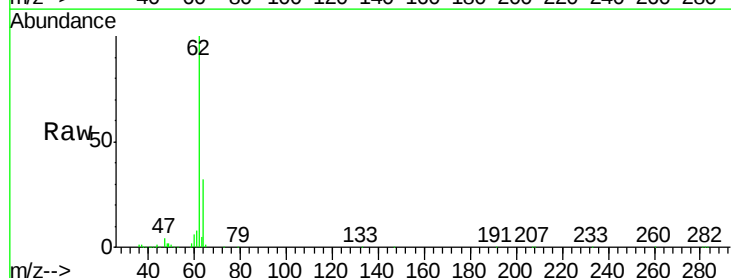
Acq: 25 Jun 2020 13:20

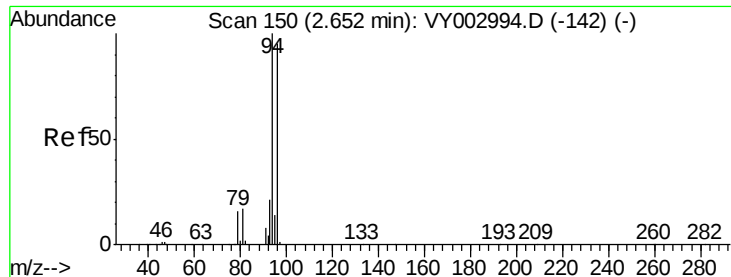
Tgt Ion: 62 Resp: 572047

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3





#5

Bromomethane

Concen: 161.966 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.02 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tot Ion: 94 Resp: 471192

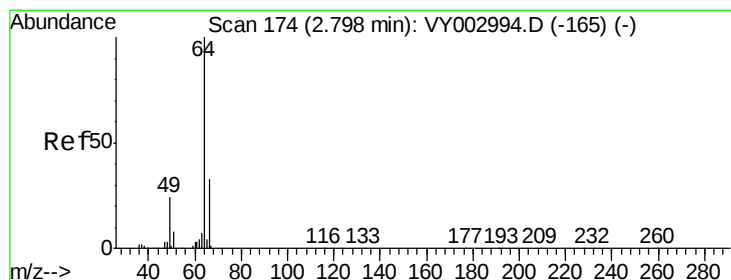
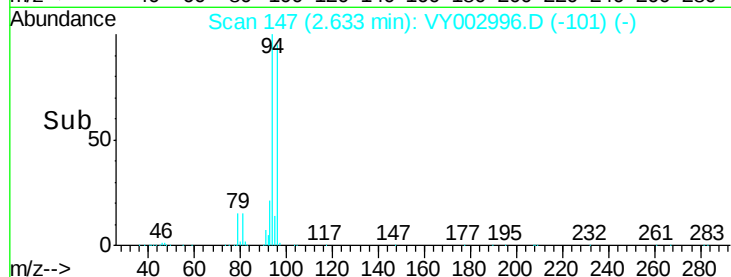
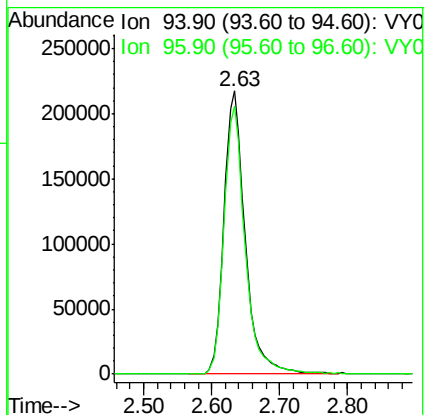
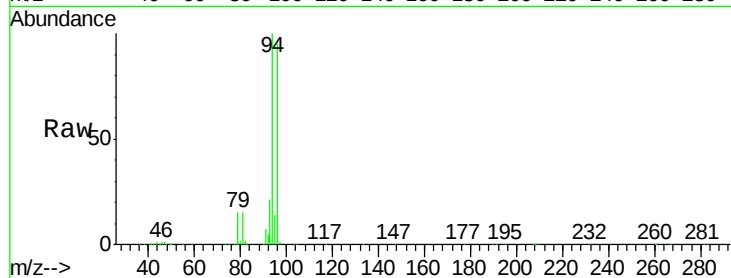
Ion Ratio Lower Upper

94 100

96 94.7 76.3 114.5

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#6

Chloroethane

Concen: 152.043 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY002996.D

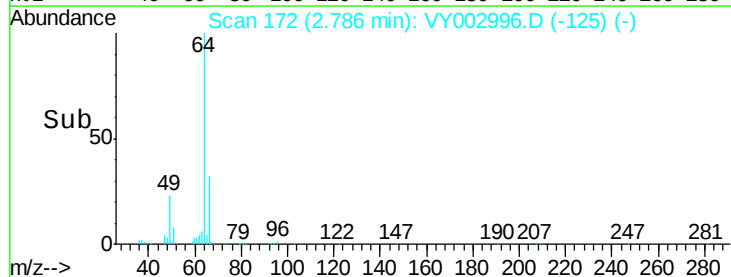
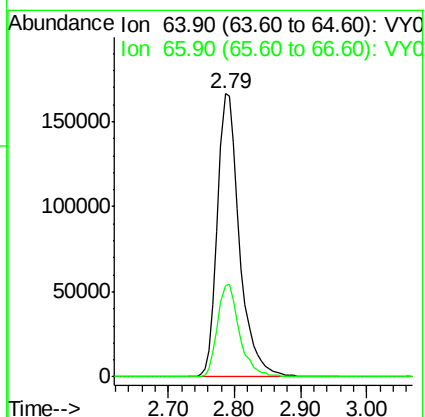
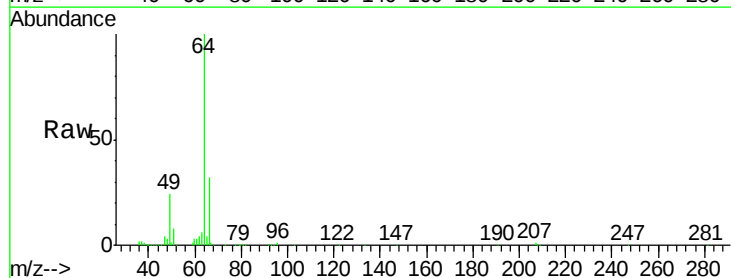
Acq: 25 Jun 2020 13:20

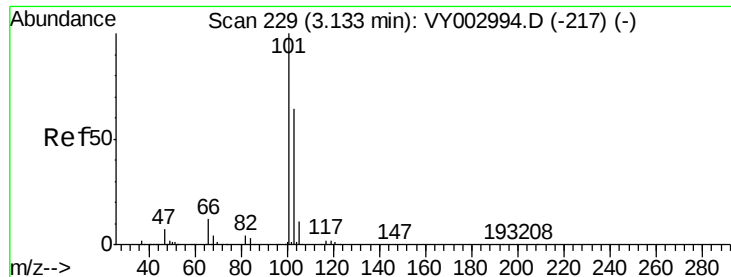
Tgt Ion: 64 Resp: 384787

Ion Ratio Lower Upper

64 100

66 32.3 26.4 39.6





#7

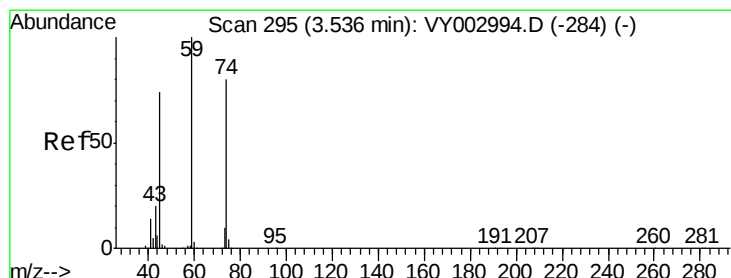
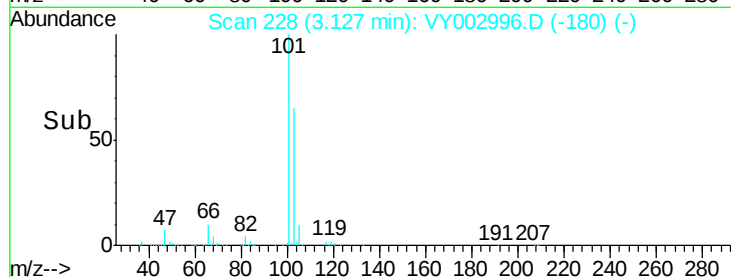
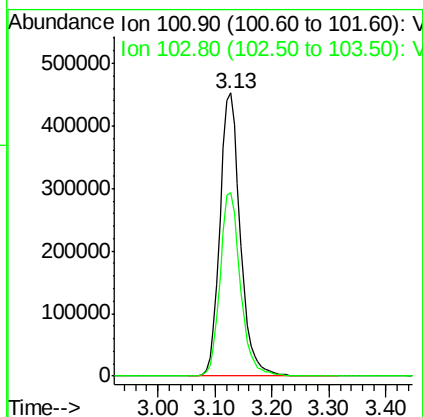
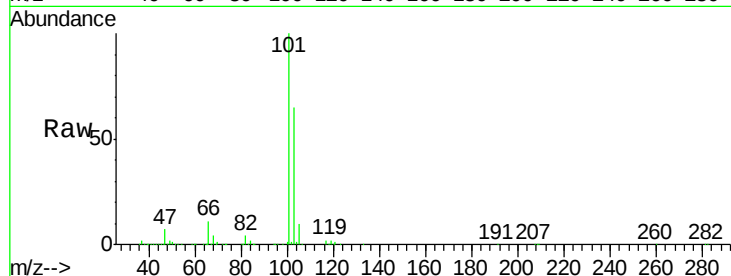
Trichlorofluoromethane
Concen: 151.561 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

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Tot Ion:101 Resp: 1122089
Ion Ratio Lower Upper
101 100
103 64.9 51.3 76.9

Manual Integrations
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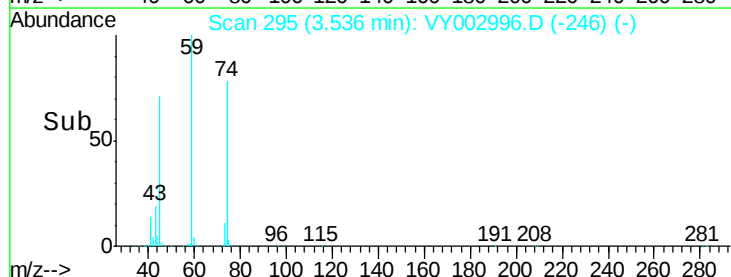
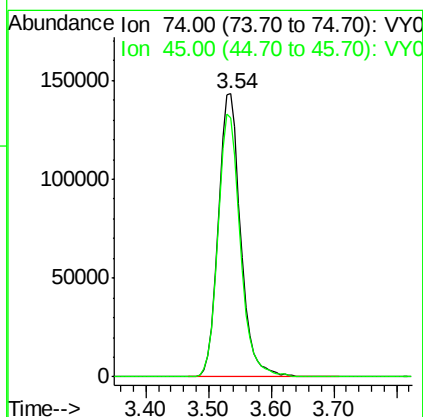
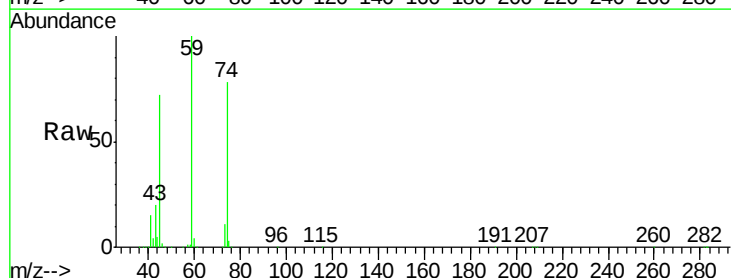
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6/26/2020 11:22:20 AM

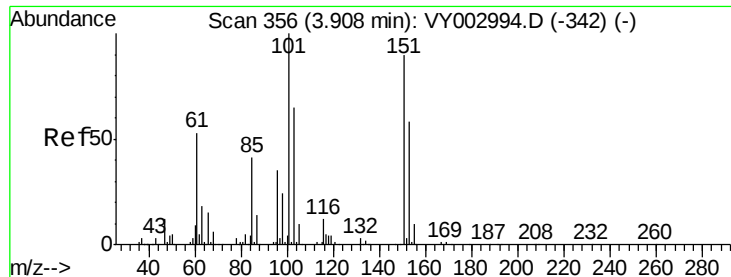


#8

Diethyl Ether
Concen: 157.983 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion: 74 Resp: 352137
Ion Ratio Lower Upper
74 100
45 92.9 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 146.473 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

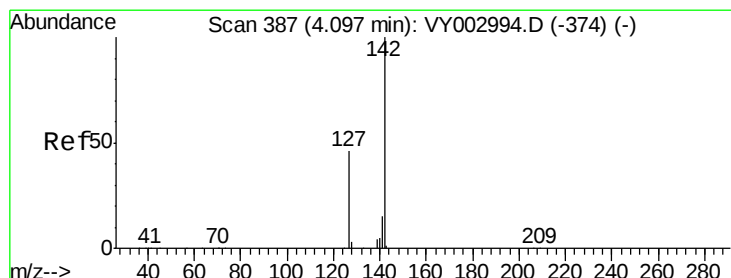
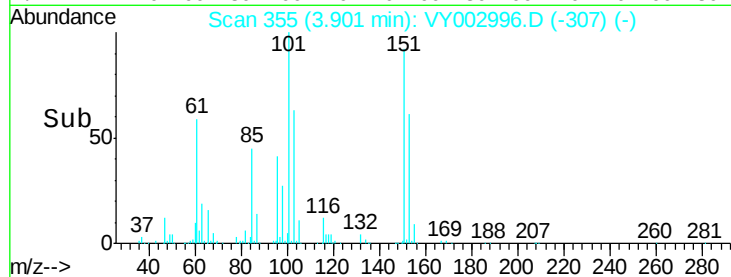
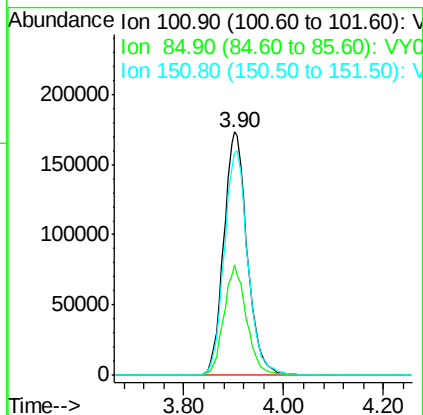
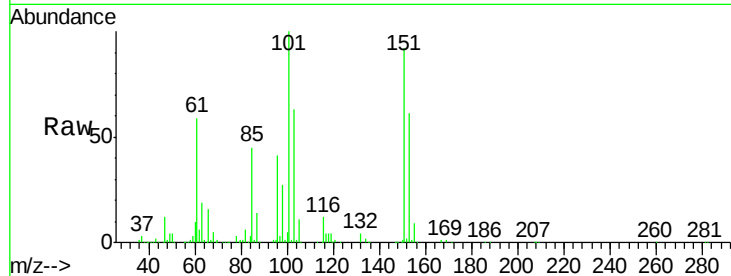
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	565919
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.0	52.4
151	92.9	72.2	108.4

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#10

Methyl Iodide

Concen: 152.527 ug/l

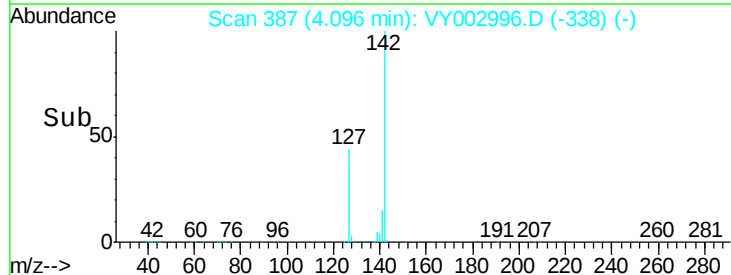
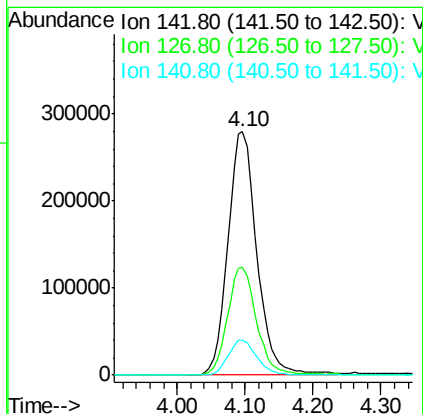
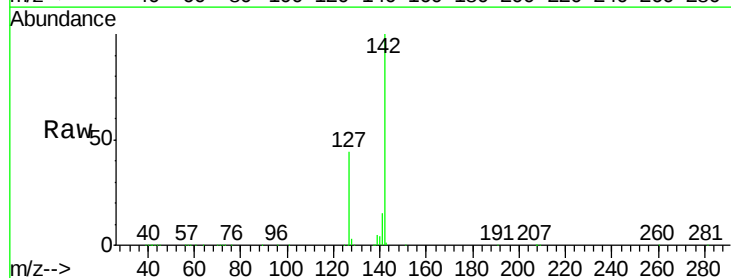
RT: 4.10 min Scan# 387

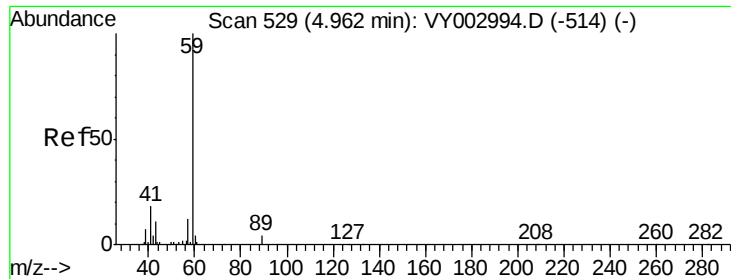
Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Tgt Ion:	142	Resp:	824551
Ion Ratio	Lower	Upper	
142	100		
127	44.5	35.8	53.8
141	14.3	11.7	17.5





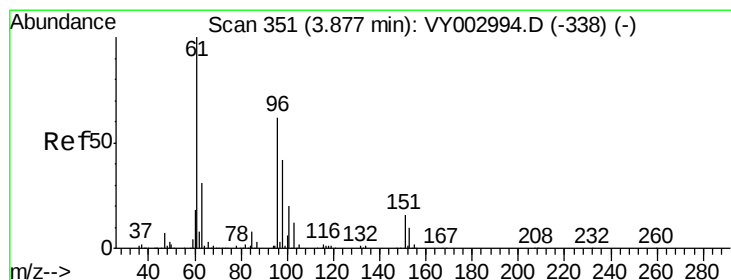
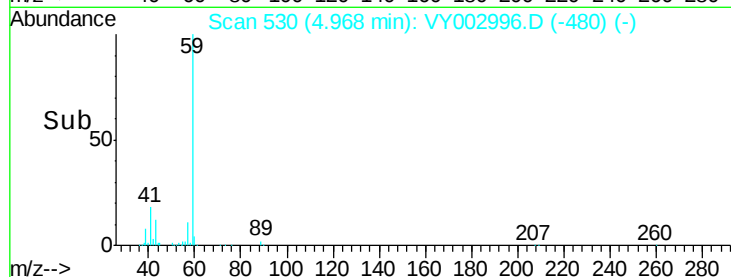
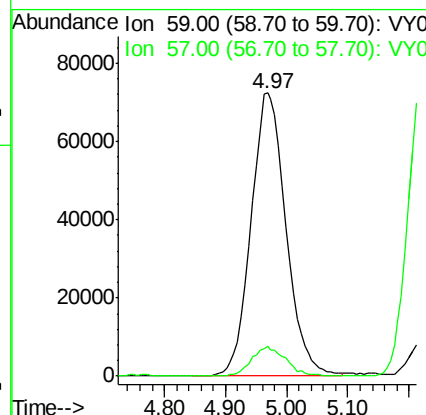
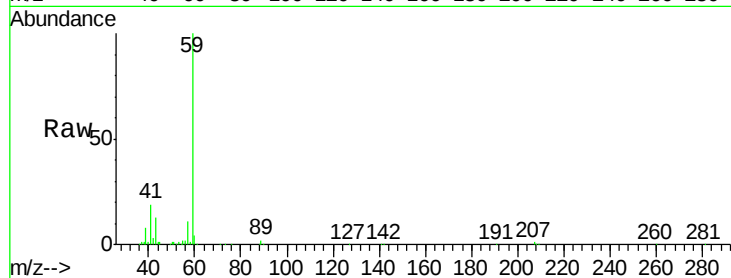
#11
Tert butyl alcohol
Concen: 717.826 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.4	12.6

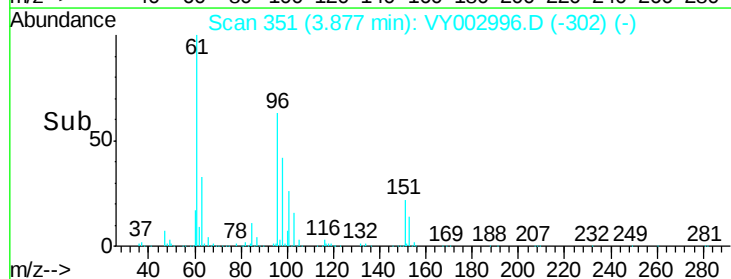
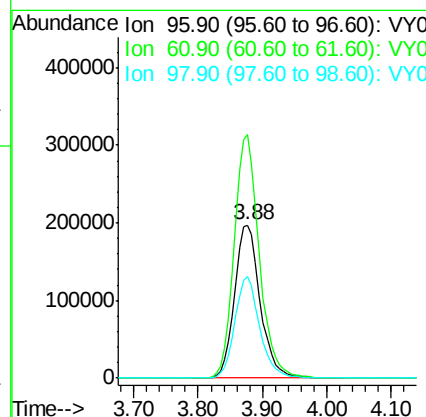
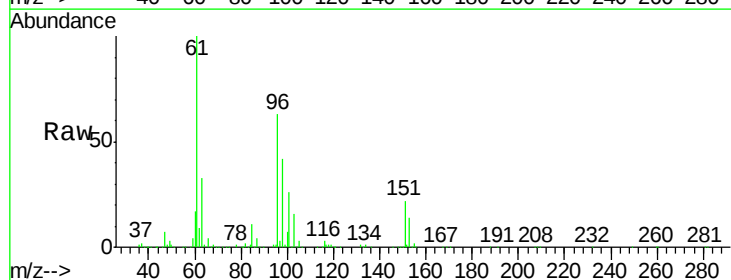
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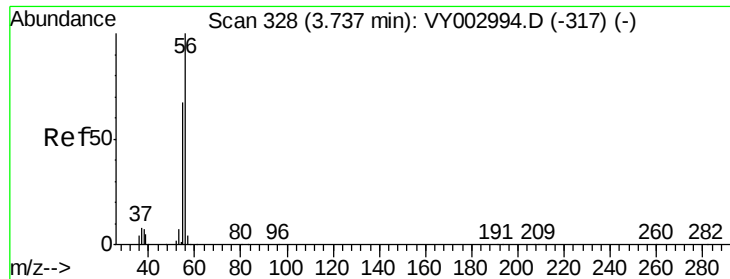
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#12
1,1-Dichloroethene
Concen: 145.067 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.9	128.1	192.1
98	66.3	53.5	80.3





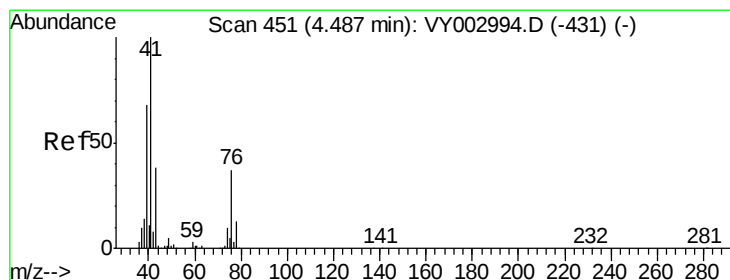
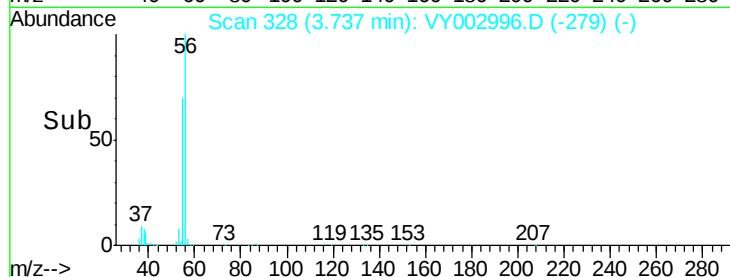
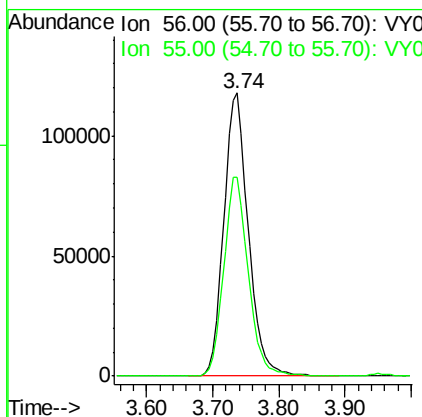
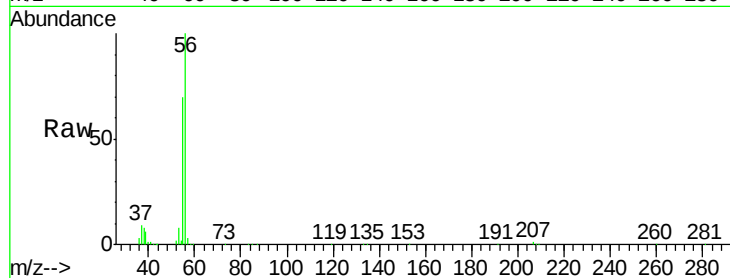
#13
Acrolein
Concen: 752.471 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.5	57.0	85.4

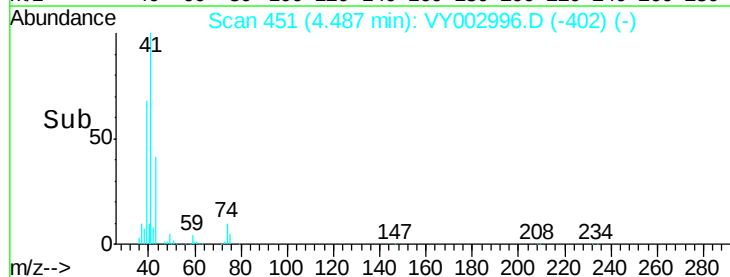
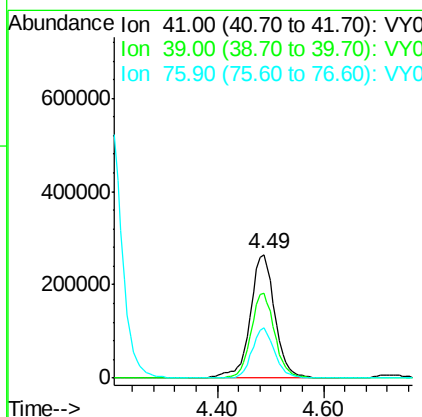
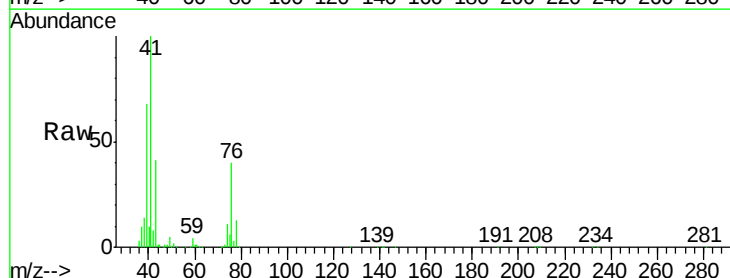
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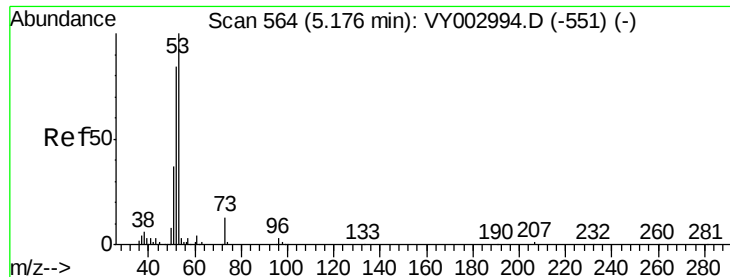
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#14
Allyl chloride
Concen: 140.629 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.1	53.1	79.7
76	37.2	30.0	45.0





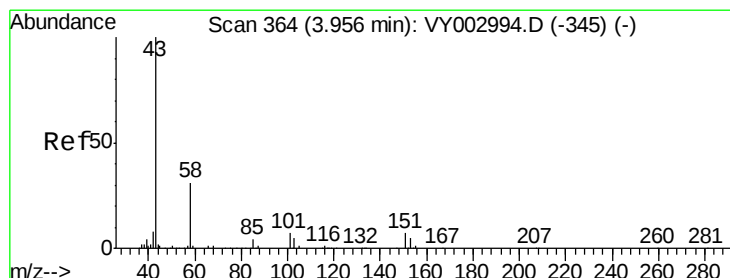
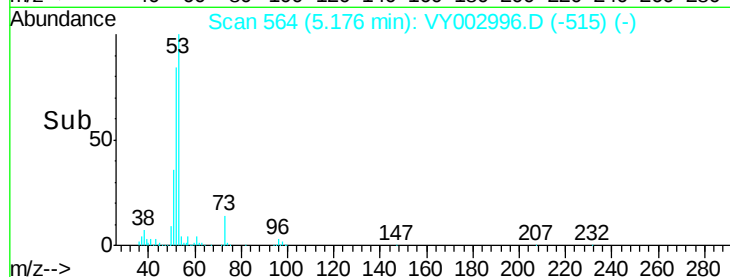
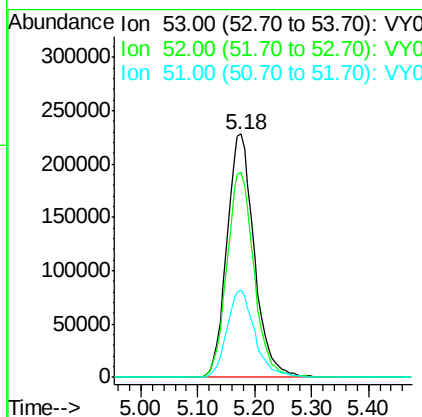
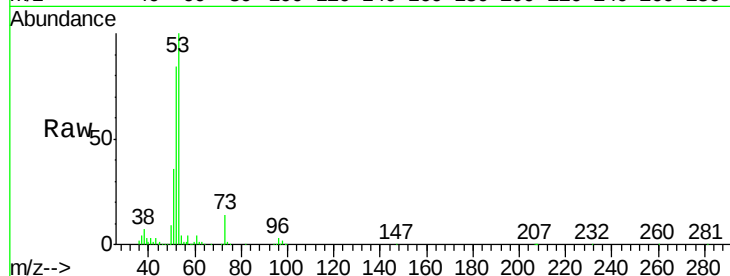
#15
 Acrylonitrile
 Concen: 745.522 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.2	68.0	102.0
51	36.5	29.8	44.8

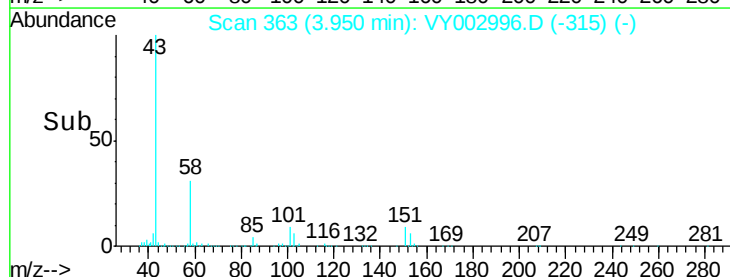
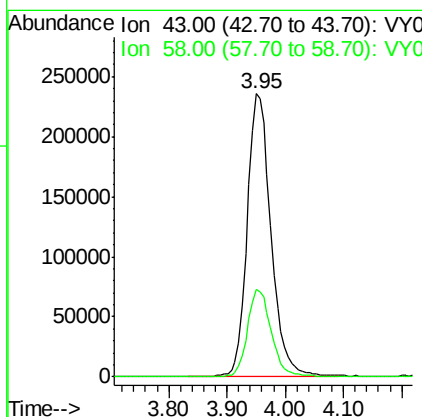
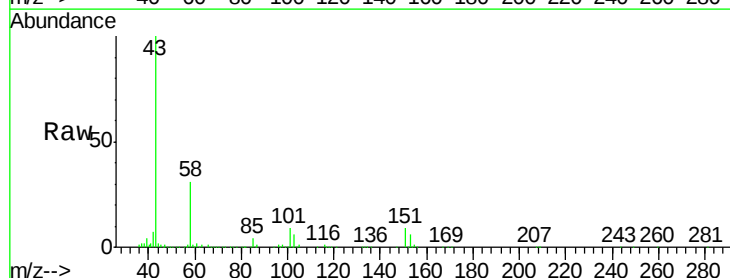
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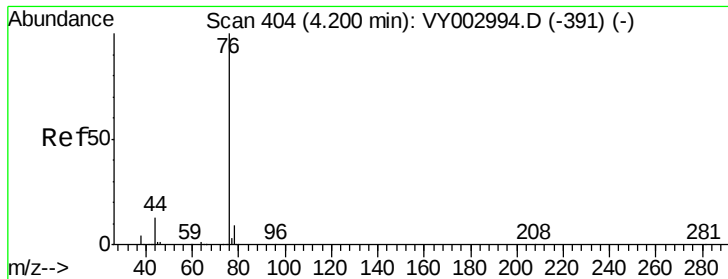
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#16
 Acetone
 Concen: 775.069 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.4	36.6





#17

Carbon Disulfide

Concen: 140.894 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1637535

Ion Ratio Lower Upper

76 100

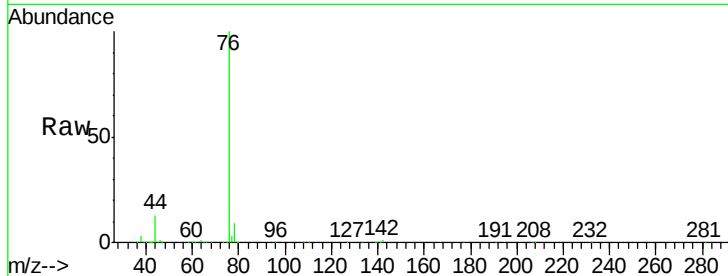
78 9.5 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

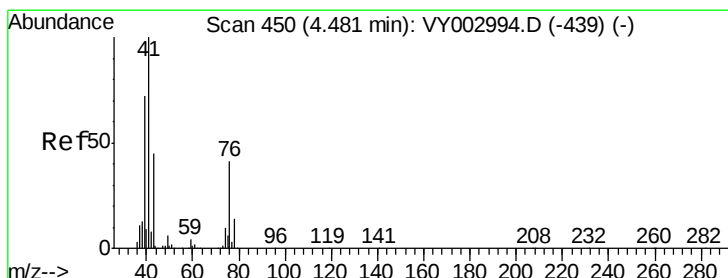
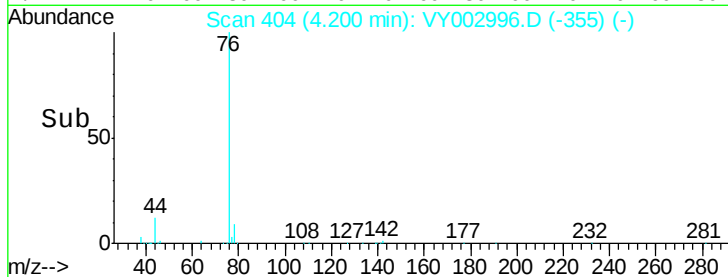
600000

400000

200000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 144.372 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002996.D

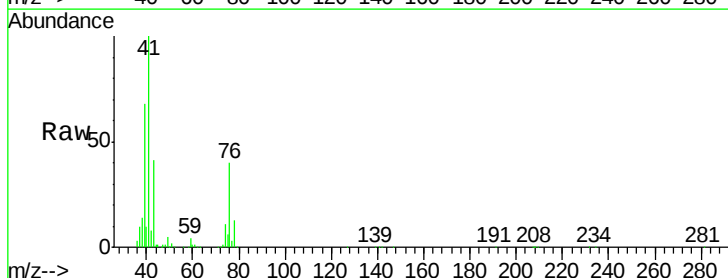
Acq: 25 Jun 2020 13:20

Tgt Ion: 43 Resp: 326728

Ion Ratio Lower Upper

43 100

74 25.6 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

120000

100000

80000

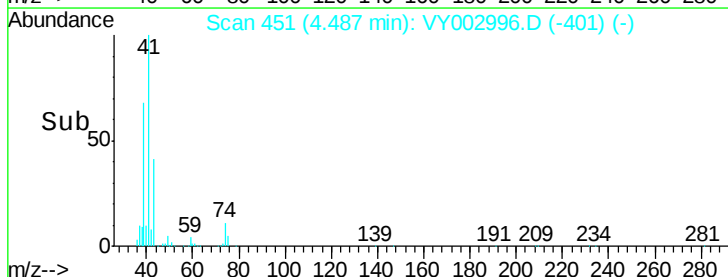
60000

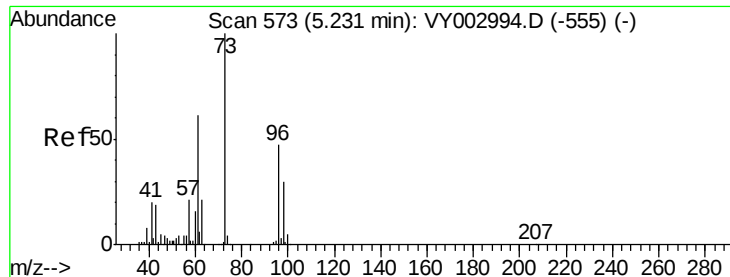
40000

20000

0

Time--> 4.30 4.40 4.50 4.60 4.70





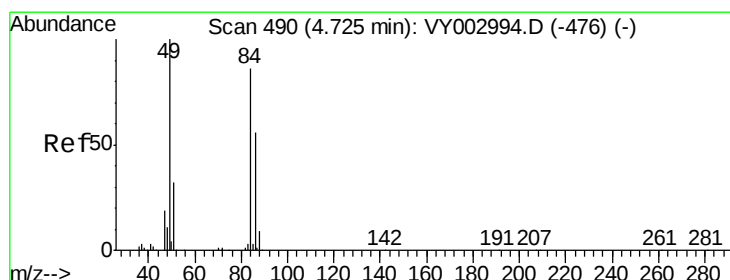
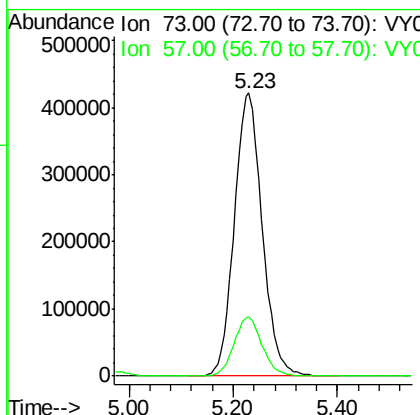
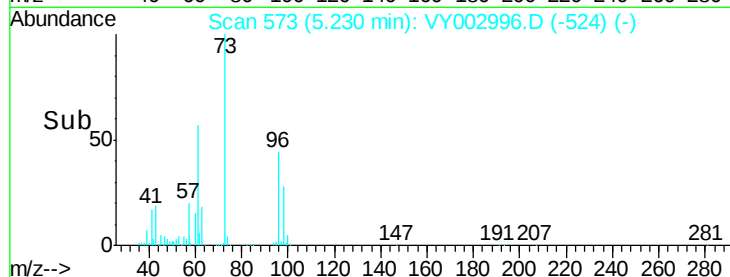
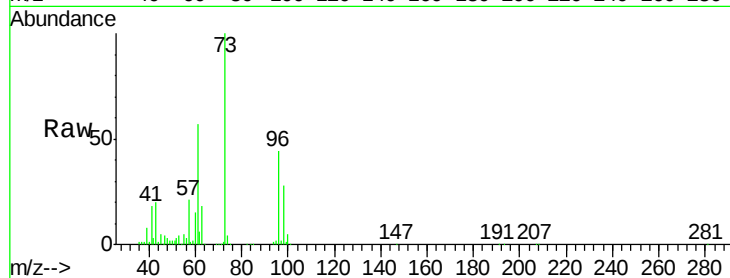
#19
Methvl tert-butvl Ether
Concen: 146.511 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1556923
Ion Ratio Lower Upper
73 100
57 20.9 17.0 25.4

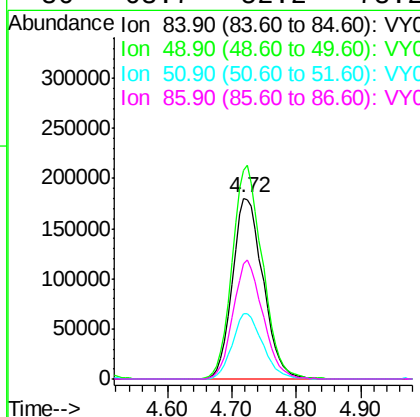
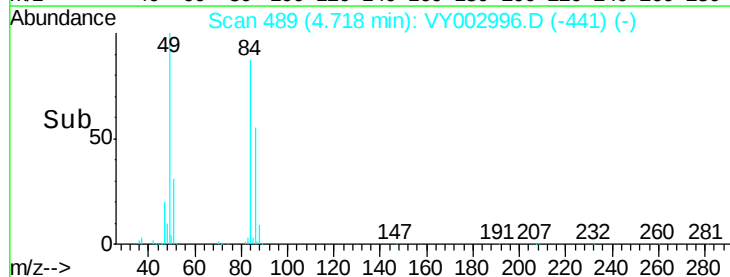
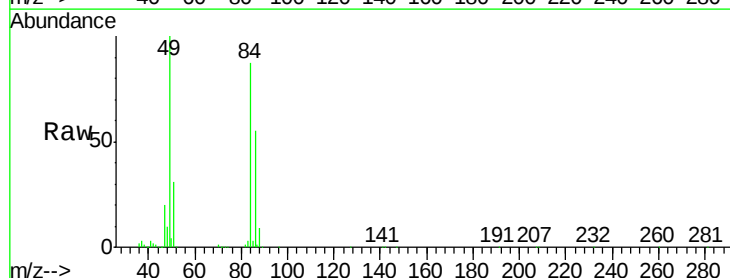
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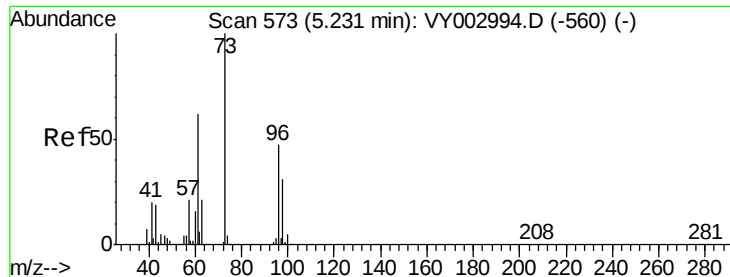
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#20
Methylene Chloride
Concen: 118.476 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion: 84 Resp: 597605
Ion Ratio Lower Upper
84 100
49 115.4 92.6 138.8
51 35.9 29.8 44.8
86 63.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 141.090 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

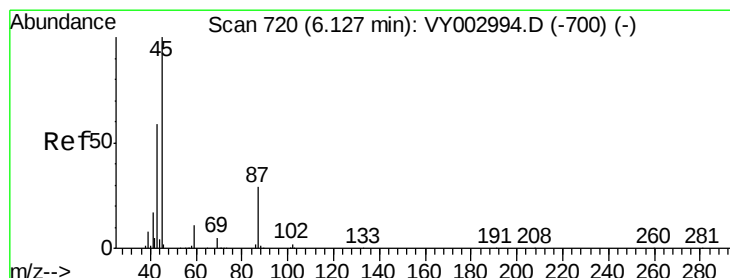
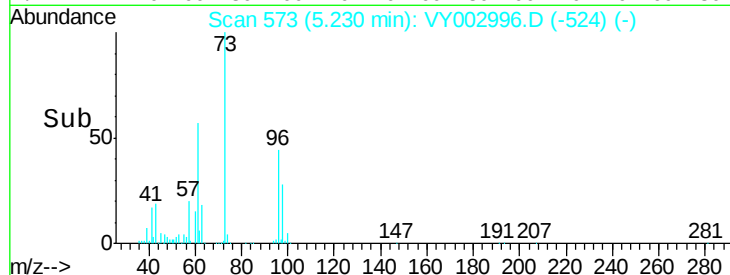
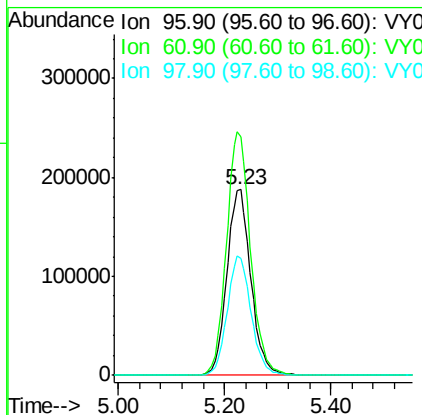
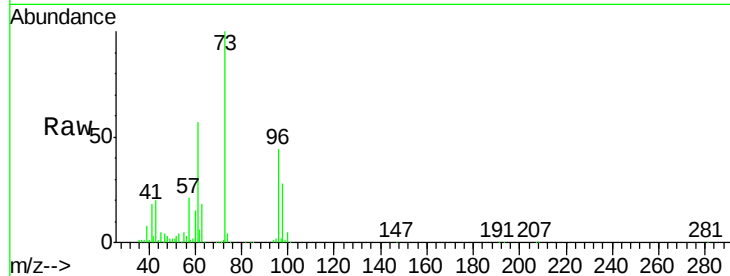
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	592120
Ion	Ratio	Lower	Upper
96	100		
61	128.7	104.0	156.0
98	63.1	51.6	77.4

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#22

Diisopropyl ether

Concen: 154.072 ug/l

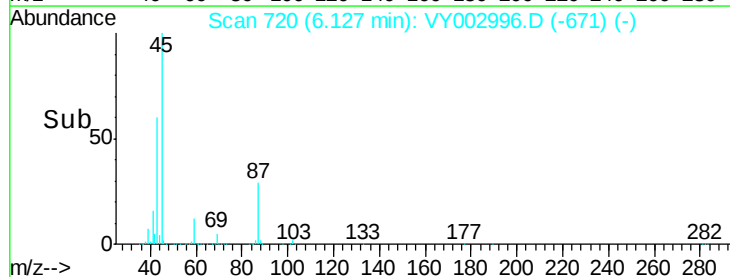
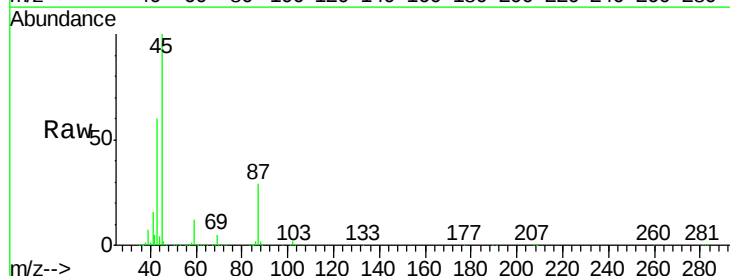
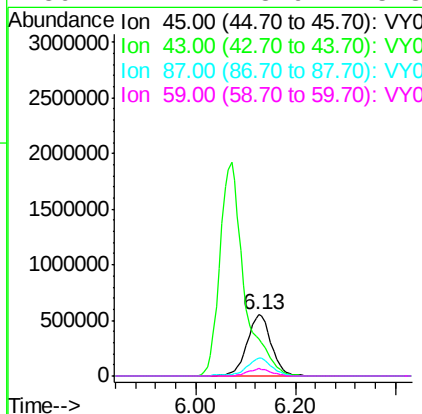
RT: 6.13 min Scan# 720

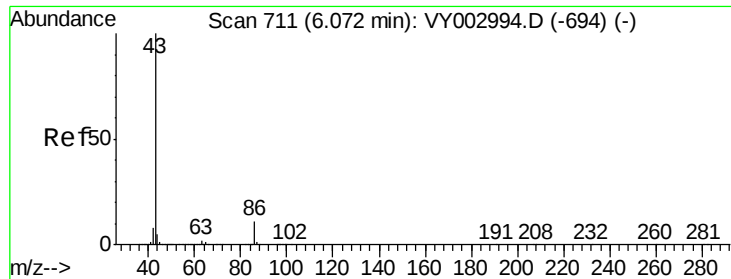
Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Tgt Ion:	45	Resp:	1864731
Ion	Ratio	Lower	Upper
45	100		
43	60.0	47.5	71.3
87	28.8	23.3	34.9
59	11.7	8.9	13.3





#23

Vinyl Acetate

Concen: 790.350 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 6468075

Ion Ratio Lower Upper

43 100

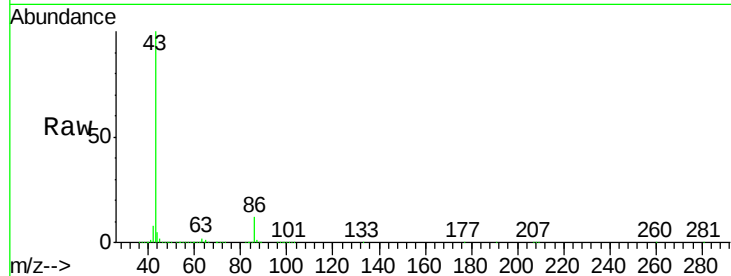
86 11.8 9.0 13.4

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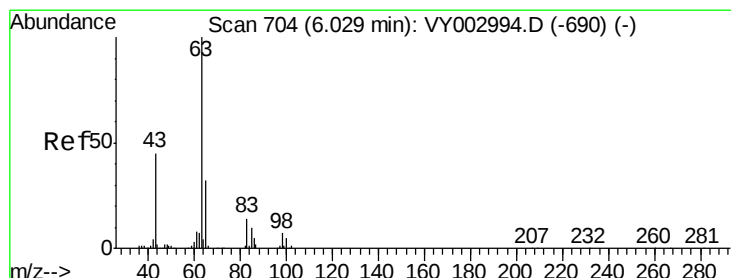
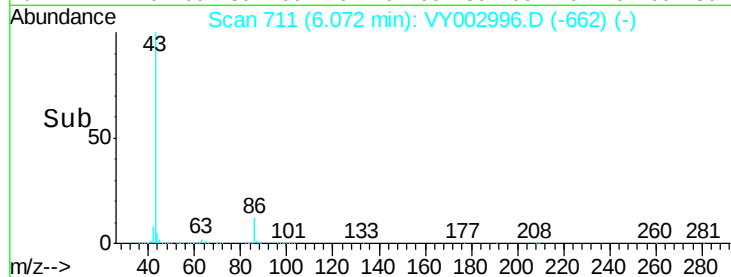
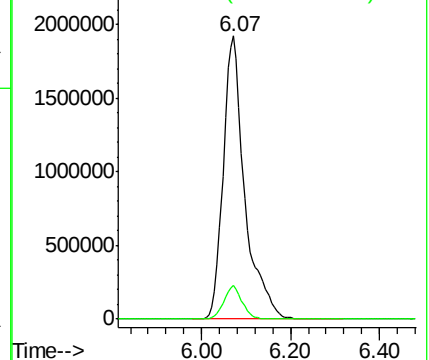
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 153.852 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

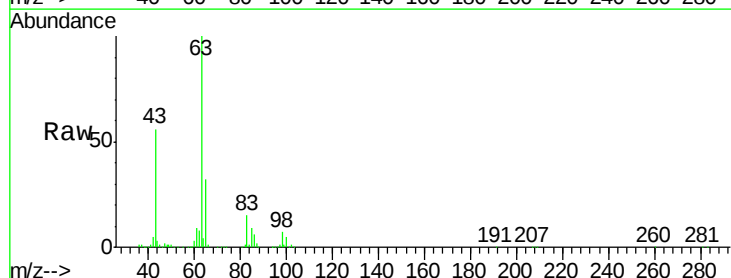
Tgt Ion: 63 Resp: 1071276

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

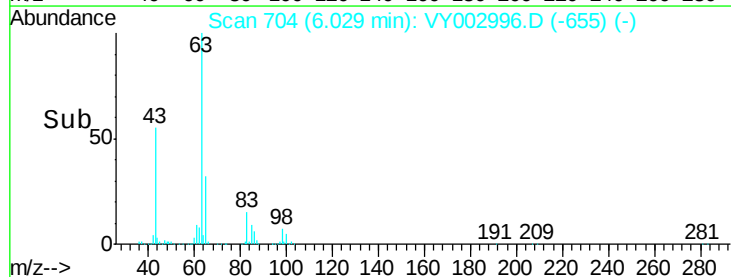
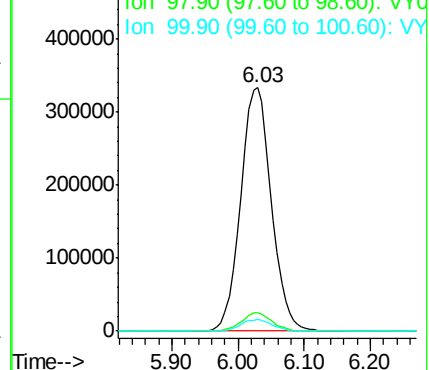
100 4.9 2.4 7.1

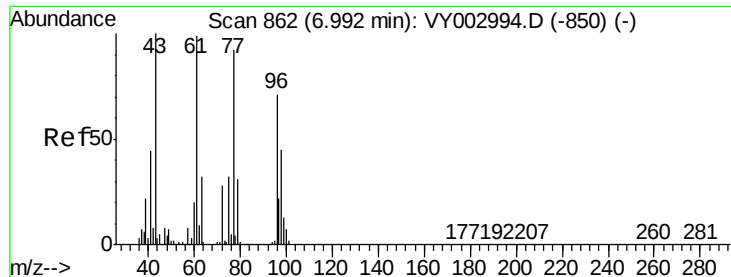


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 796.254 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1076222

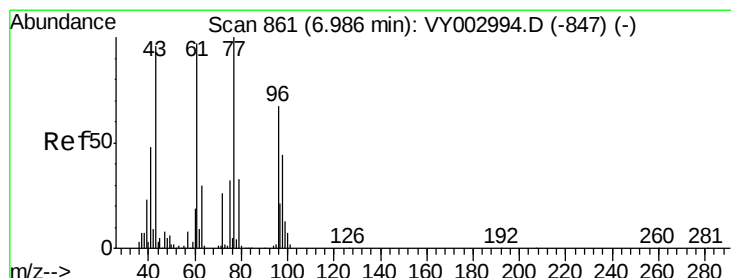
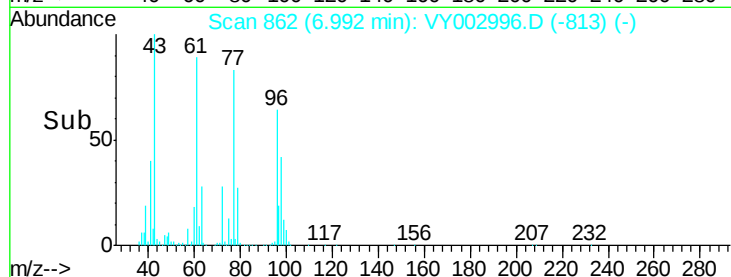
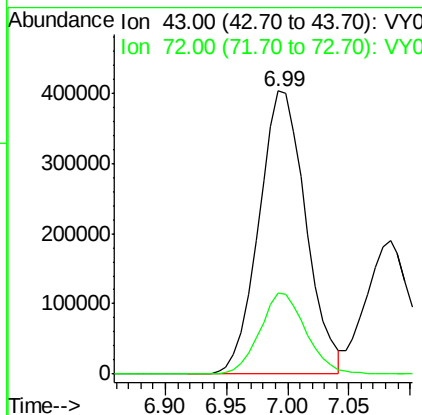
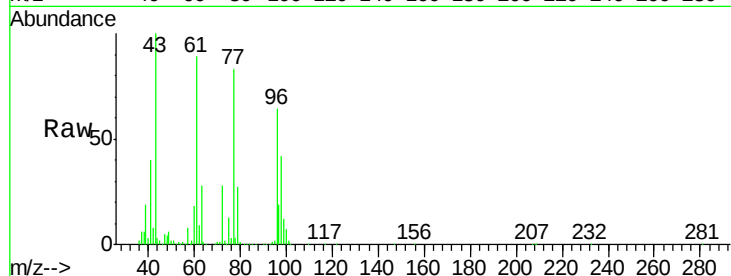
Ion Ratio Lower Upper

43 100

72 28.5 22.3 33.5

Manual Integrations
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6/26/2020 11:22:20 AM



#26

2,2-Dichloropropane

Concen: 146.150 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.01 min

Lab File: VY002996.D

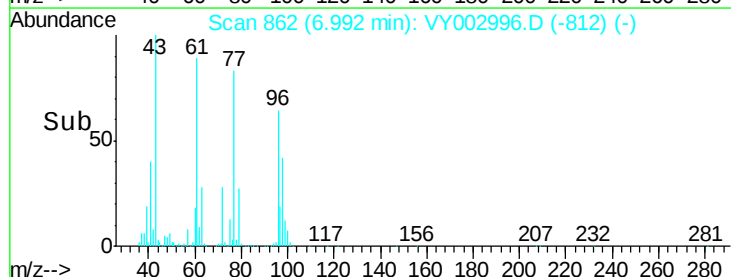
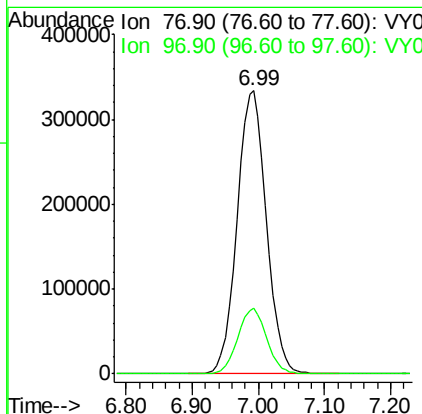
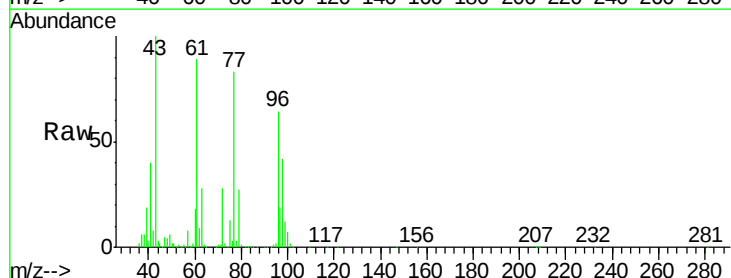
Acq: 25 Jun 2020 13:20

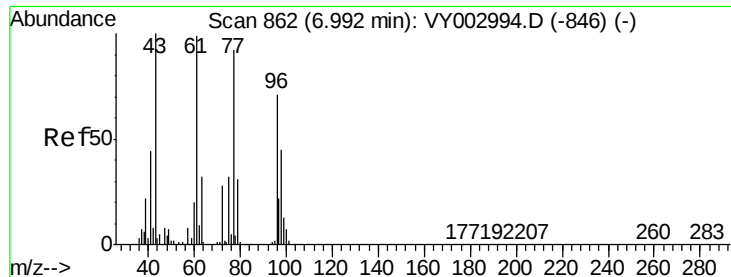
Tgt Ion: 77 Resp: 1023997

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.3





#27

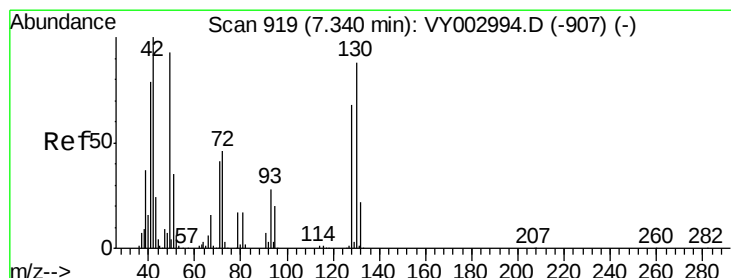
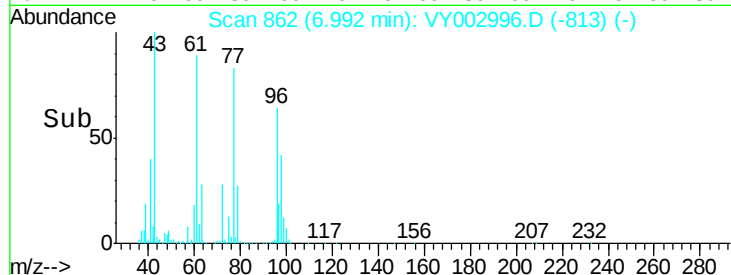
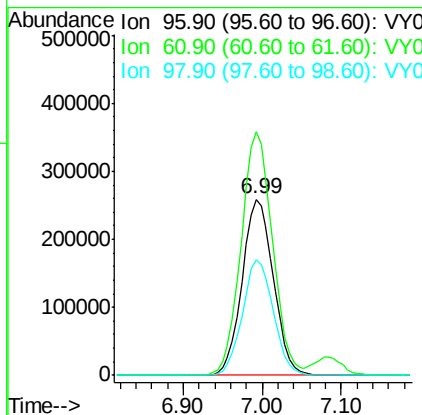
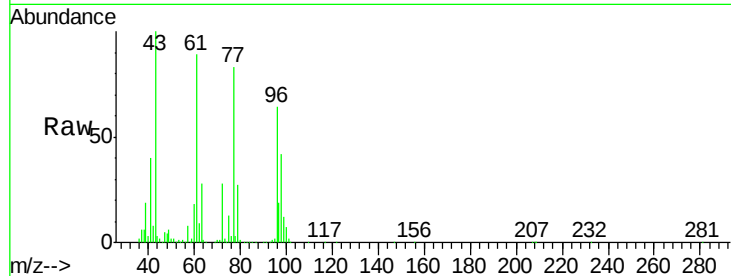
cis-1,2-Dichloroethene
Concen: 152.187 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	712556		
61	139.3	0.0	279.0	
98	65.0	0.0	128.2	

Manual Integrations
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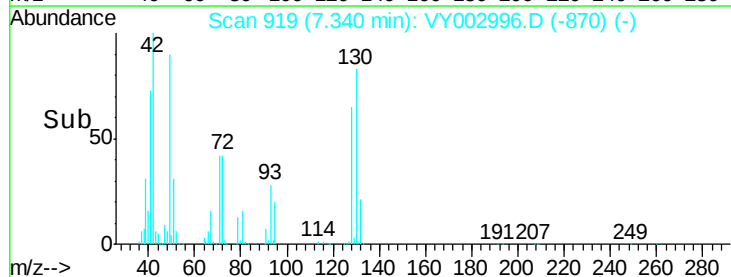
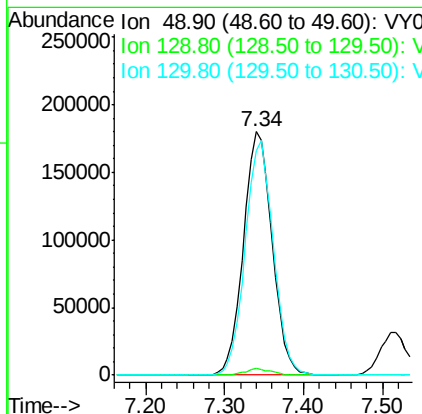
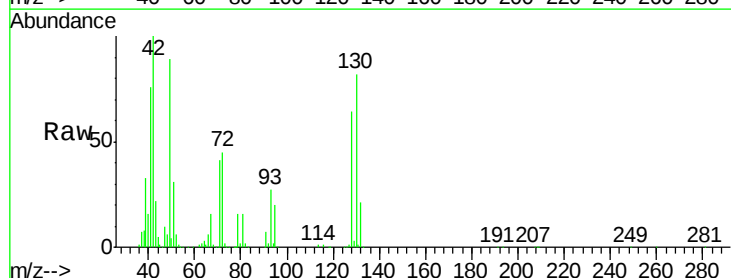
MMDadoda
6/26/2020 11:22:20 AM

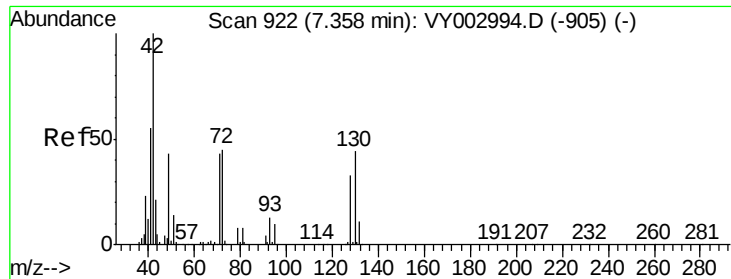


#28

Bromochloromethane
Concen: 164.910 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	456094		
129	2.6	0.0	5.4	
130	94.6	73.8	110.8	





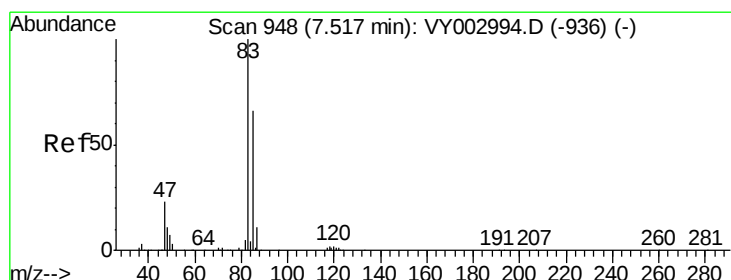
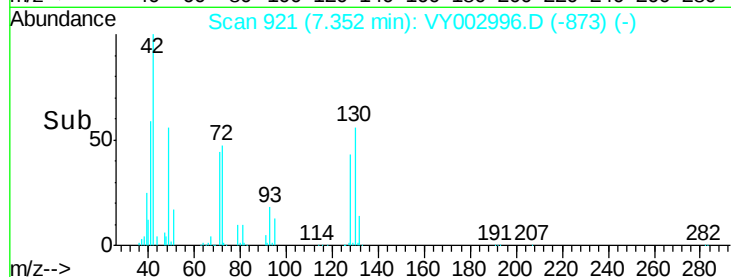
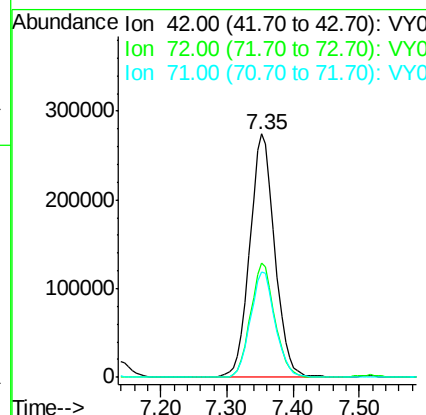
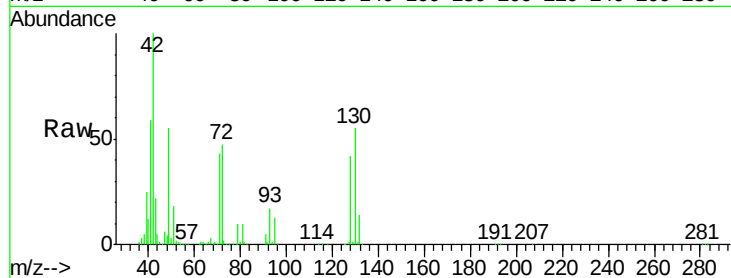
#29
Tetrahydrofuran
Concen: 804.384 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	36.2	54.4
71	43.0	34.2	51.2

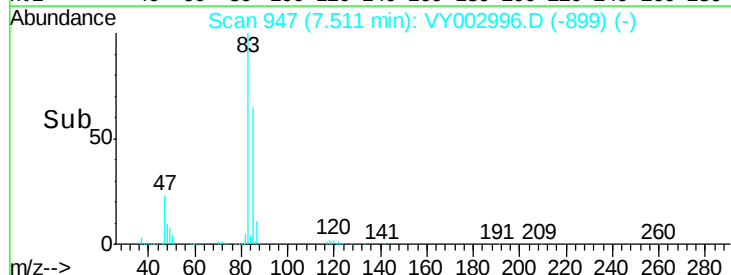
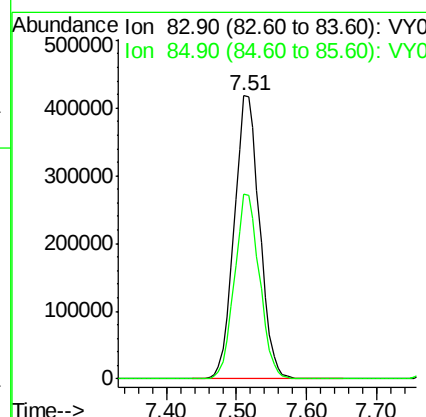
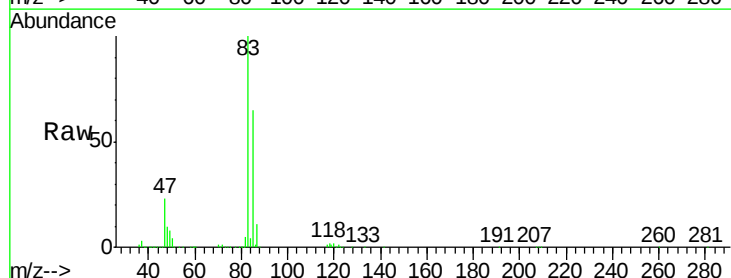
Manual Integrations
APPROVED

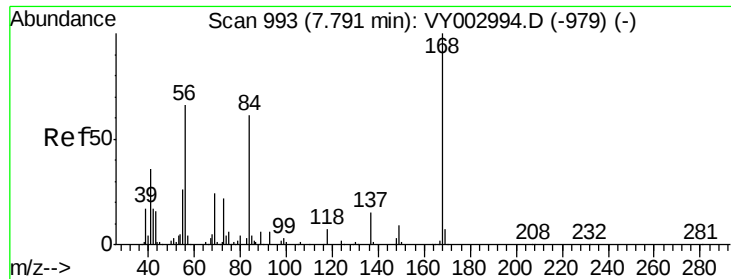
MMDadoda
6/26/2020 11:22:20 AM



#30
Chloroform
Concen: 142.227 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.6	78.8





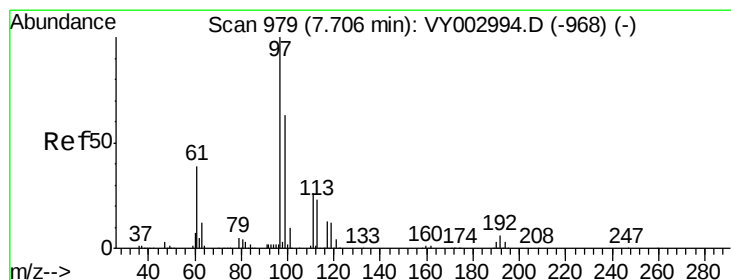
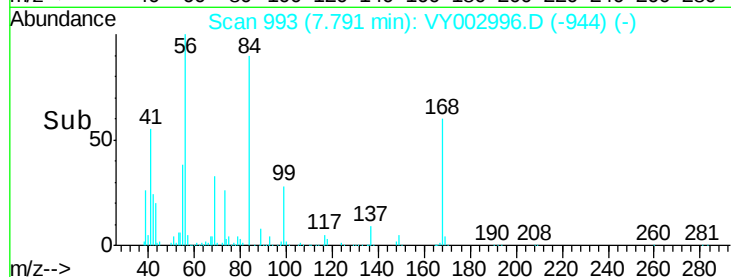
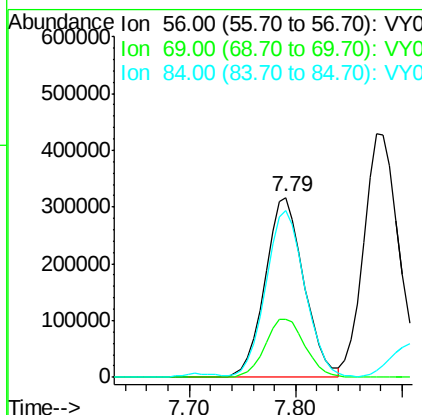
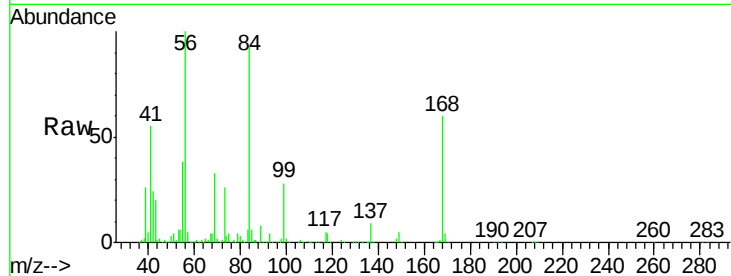
#31
Cvclohexane
Concen: 123.481 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.7	28.6	43.0
84	91.3	74.0	111.0

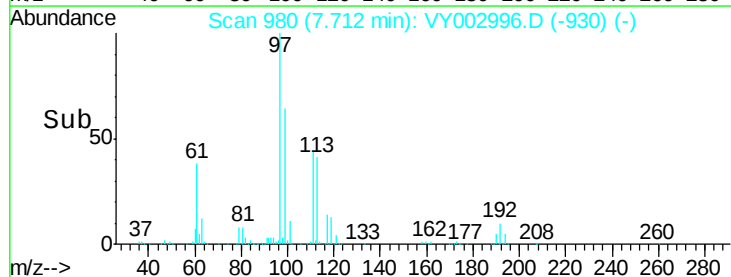
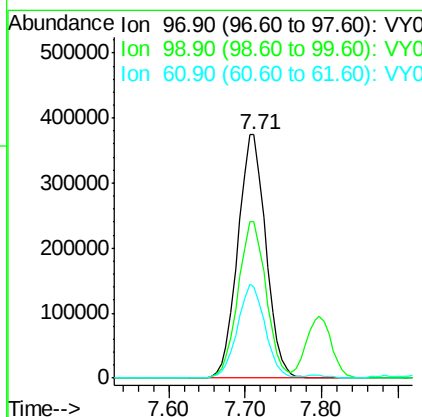
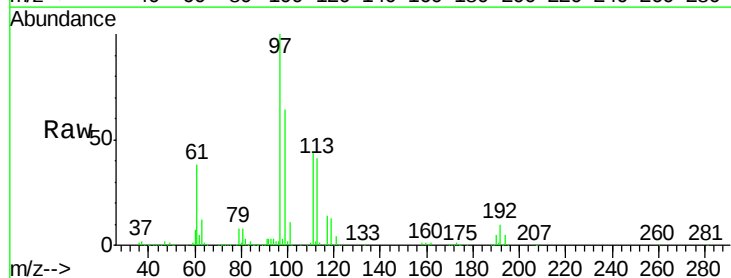
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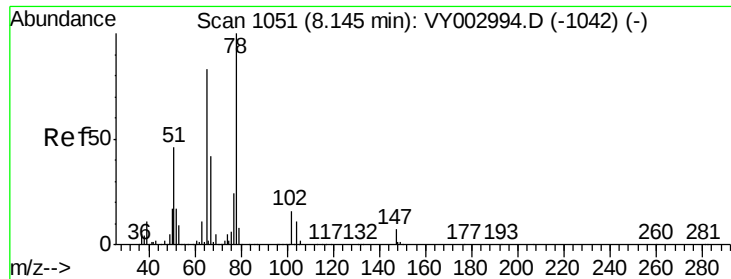
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 136.863 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.6
61	38.0	31.0	46.6





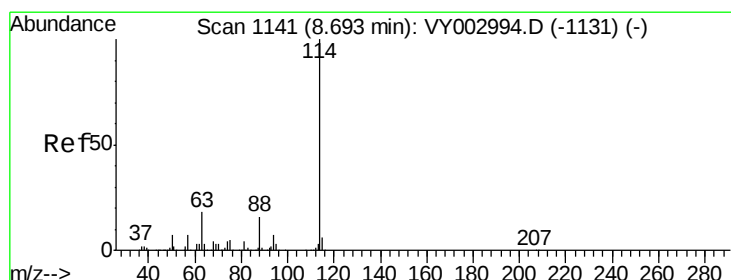
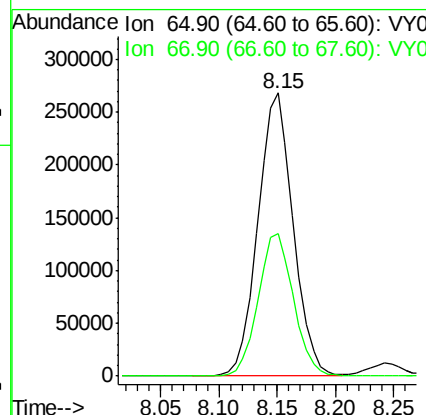
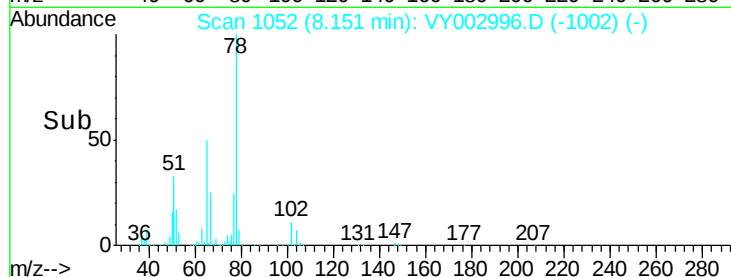
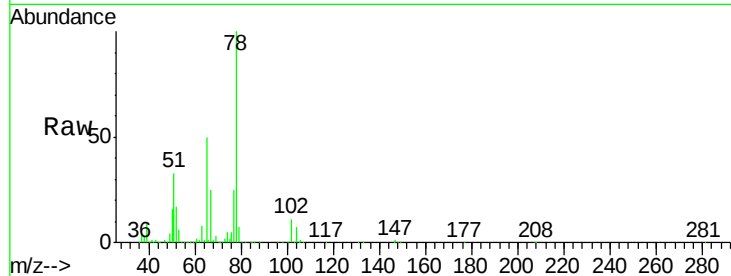
#33
 1,2-Dichloroethane-d4
 Concen: 140.141 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.7	0.0	102.2	

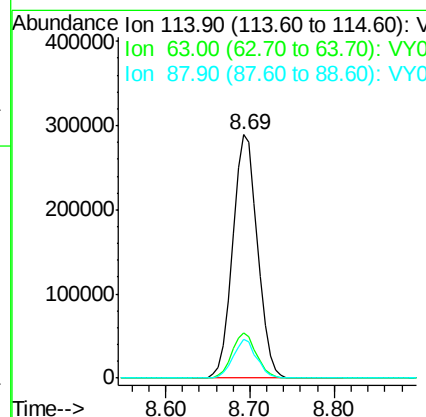
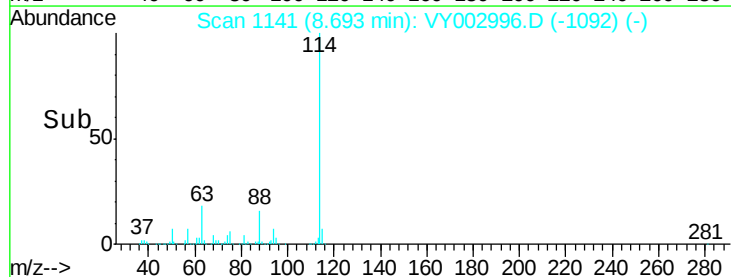
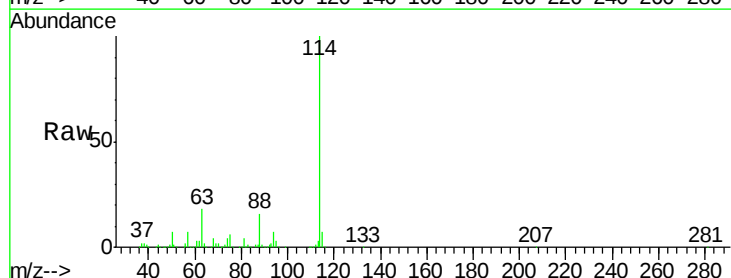
Manual Integrations
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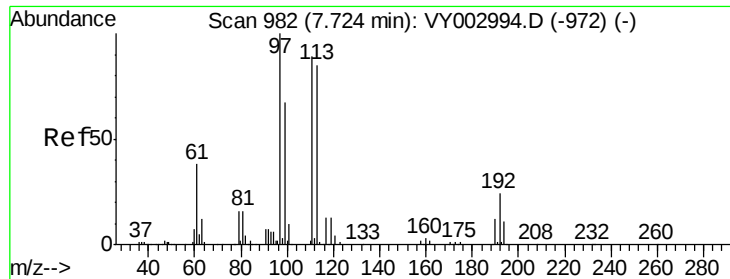
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.4	0.0	36.8	
88	16.0	0.0	31.6	





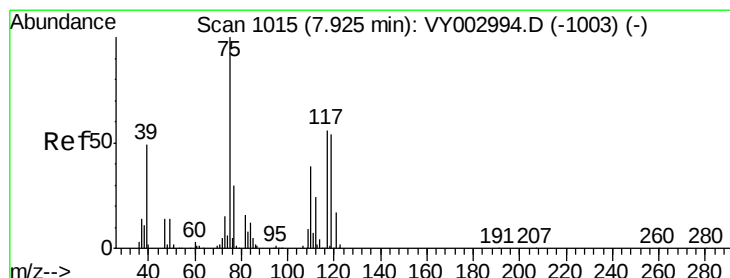
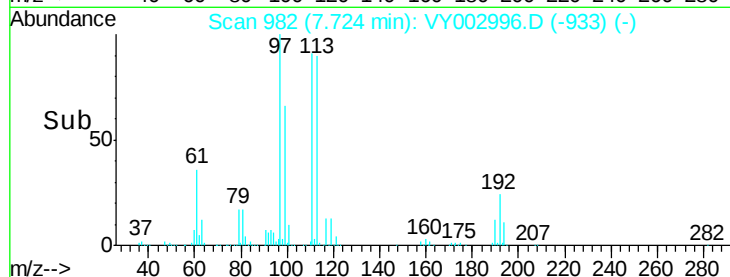
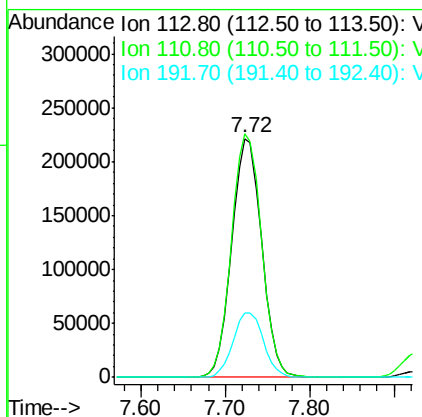
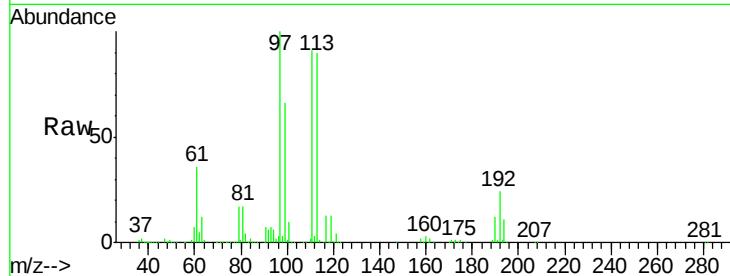
#35
 Dibromofluoromethane
 Concen: 147.096 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.2	121.8
192	27.6	21.1	31.7

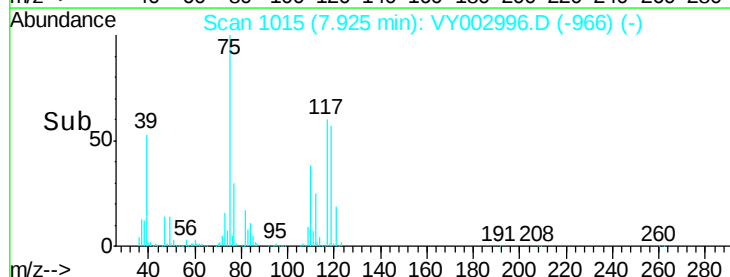
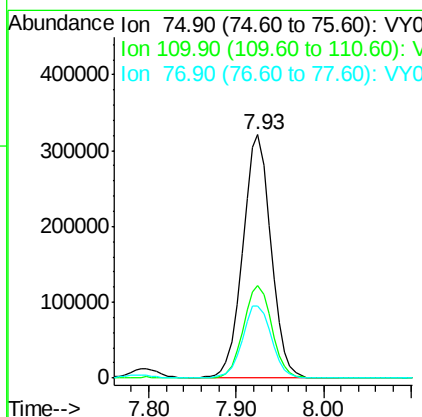
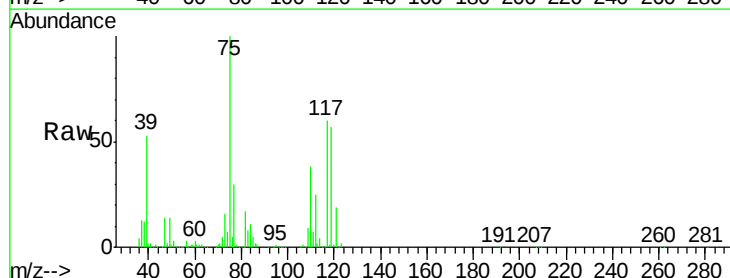
Manual Integrations
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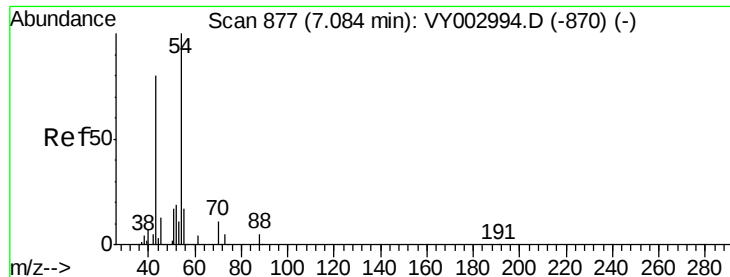
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 132.877 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.4	18.9	56.9
77	31.0	24.3	36.5





#37

Ethyl Acetate

Concen: 164.961 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

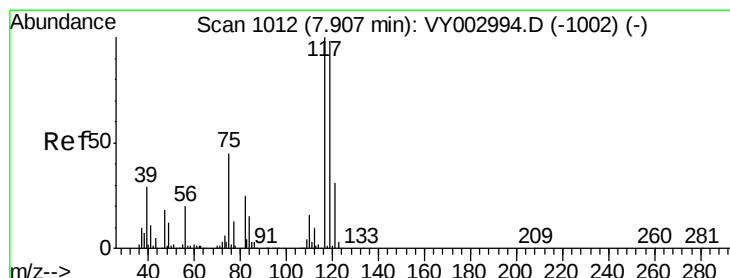
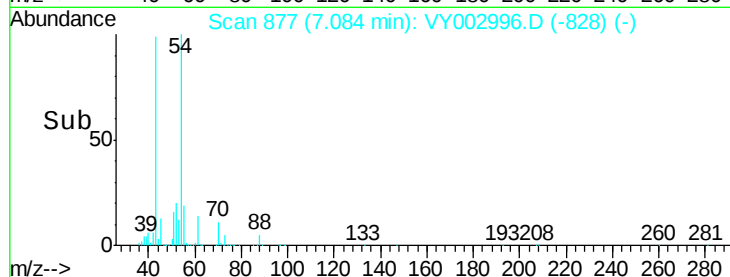
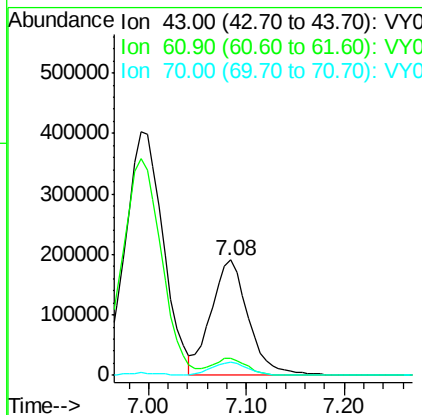
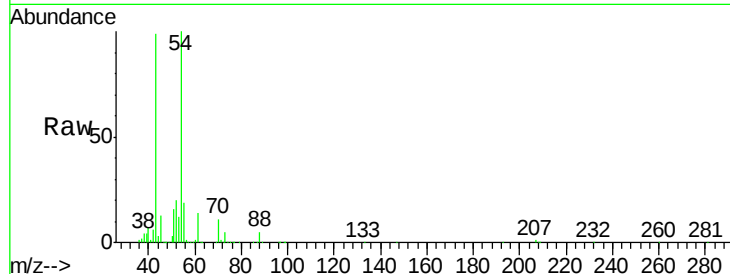
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	500132
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.9	16.3
70	11.4	9.0	13.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 140.850 ug/l

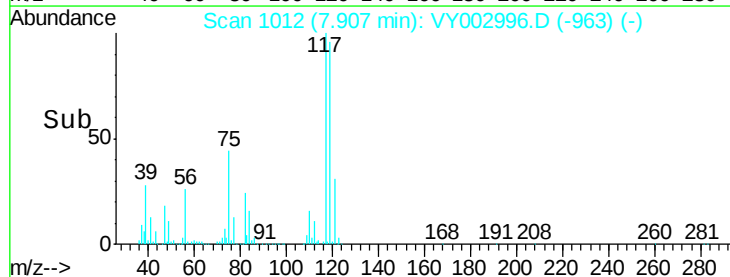
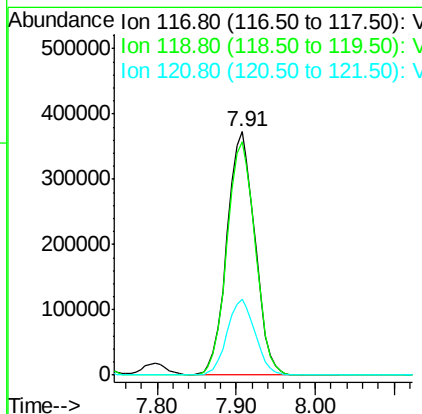
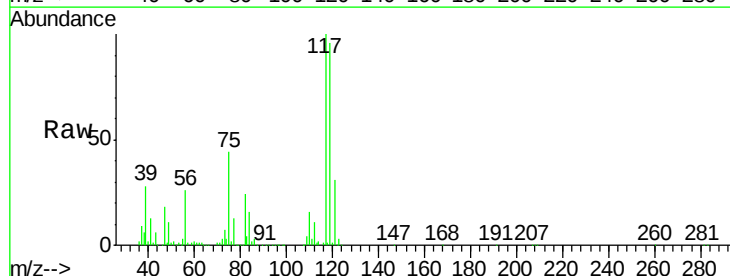
RT: 7.91 min Scan# 1012

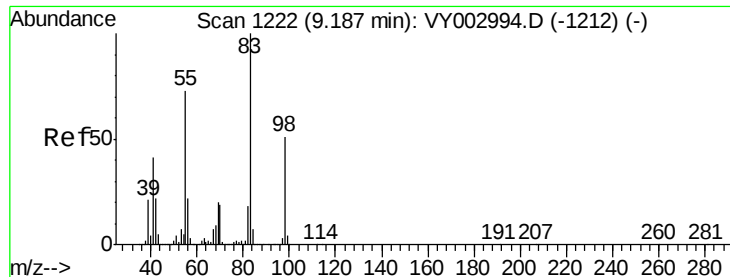
Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Tgt Ion:	117	Resp:	919146
Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.2	117.4
121	31.0	24.5	36.7





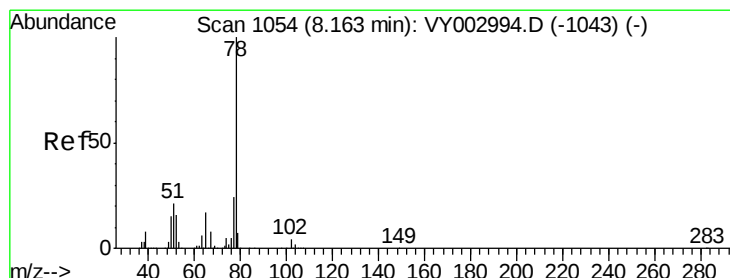
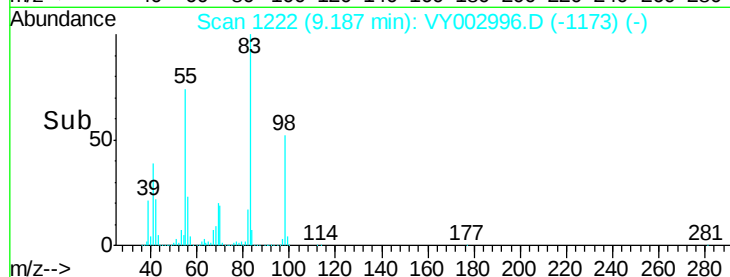
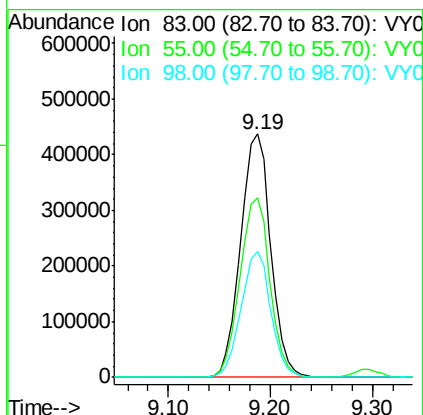
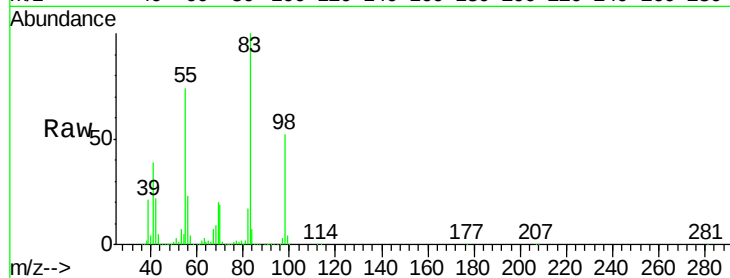
#39
Methvlcvclohexane
Concen: 141.662 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	58.6	87.8
98	51.7	41.0	61.6

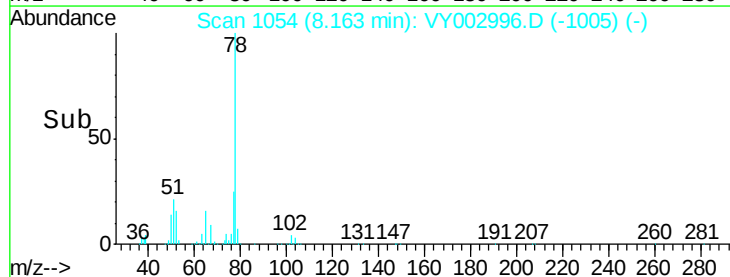
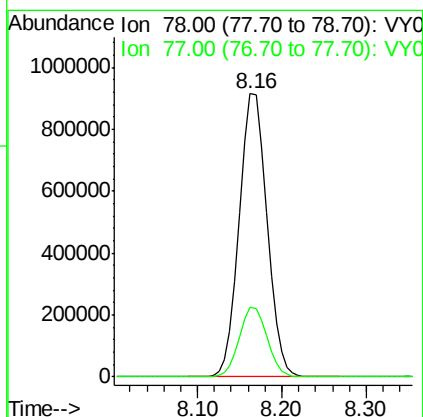
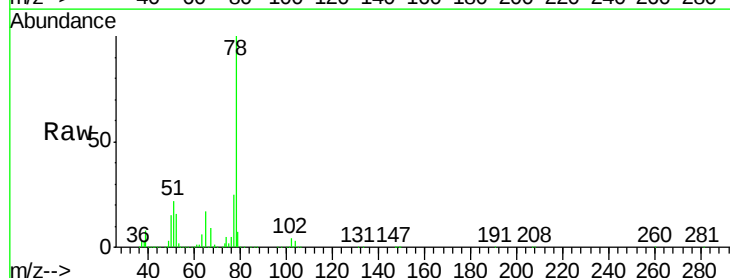
Manual Integrations
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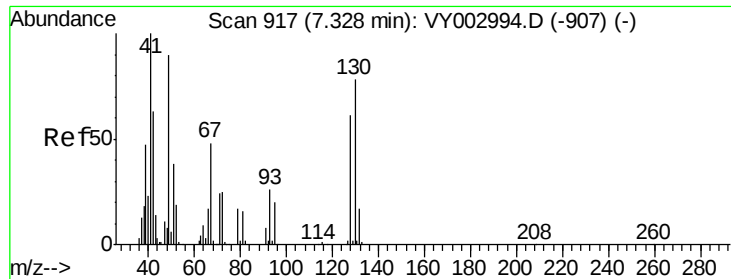
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#40
Benzene
Concen: 139.494 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.2	28.8





#41

Methacrylonitrile

Concen: 63.174 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 259788

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

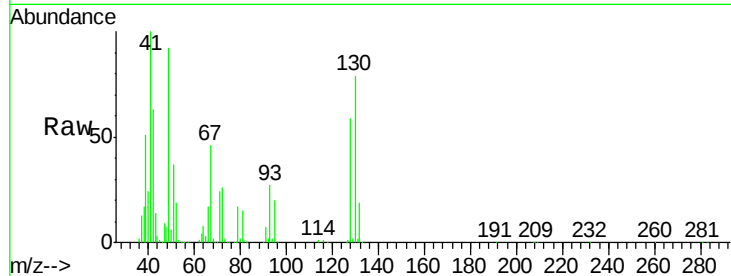
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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MMDadoda

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Abundance Ion 41.00 (40.70 to 41.70): VY002994.D (-907) (-)

Ion 39.00 (38.70 to 39.70): VY002994.D (-907) (-)

Ion 67.00 (66.70 to 67.70): VY002994.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VY002994.D (-907) (-)

250000

200000

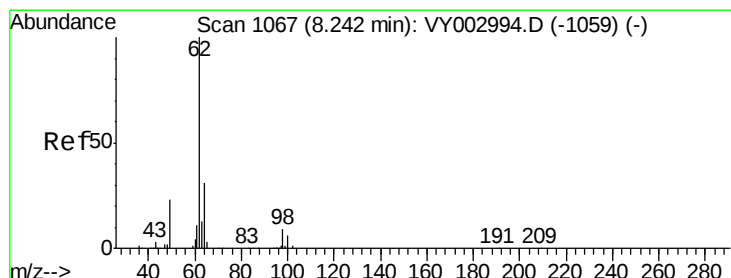
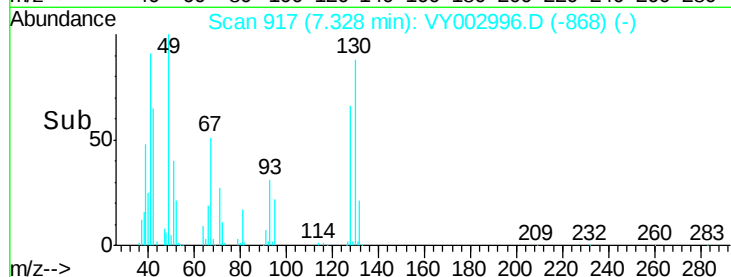
150000

100000

50000

0

Time-->



#42

1,2-Dichloroethane

Concen: 143.043 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY002996.D

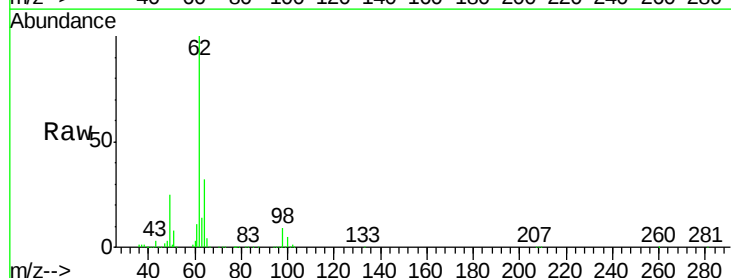
Acq: 25 Jun 2020 13:20

Tgt Ion: 62 Resp: 672501

Ion Ratio Lower Upper

62 100

98 9.3 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VY002994.D (-1059) (-)

Ion 97.90 (97.60 to 98.60): VY002994.D (-1059) (-)

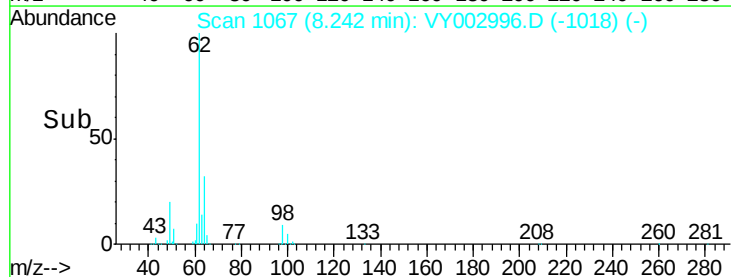
300000

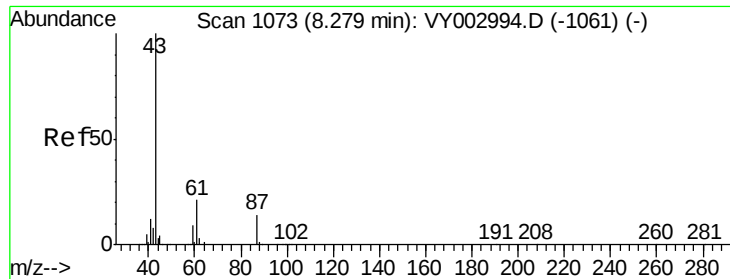
200000

100000

0

Time-->





#43

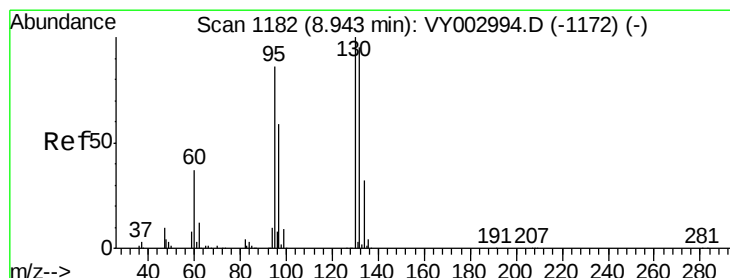
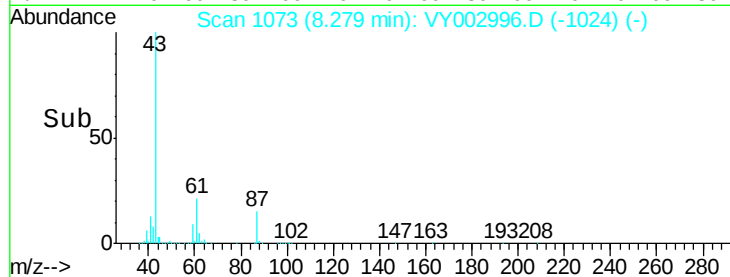
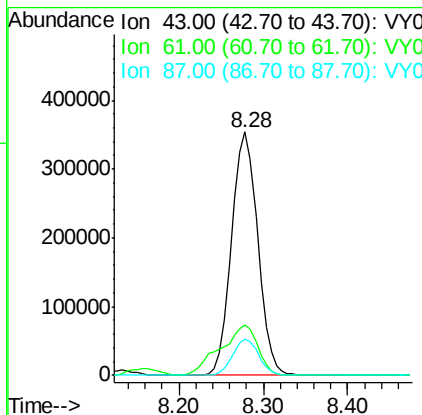
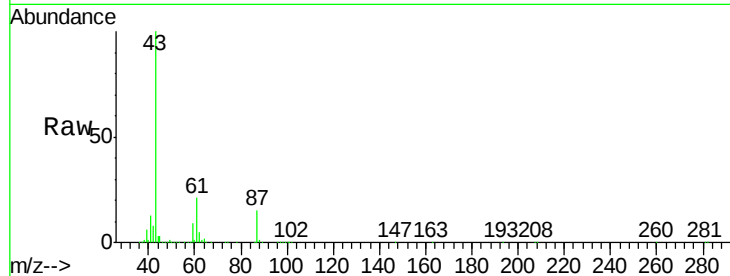
Isopropyl Acetate
 Concen: 139.524 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.7	23.2	34.8
87	14.6	11.4	17.2

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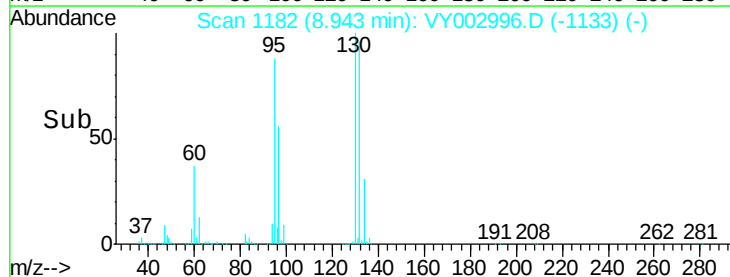
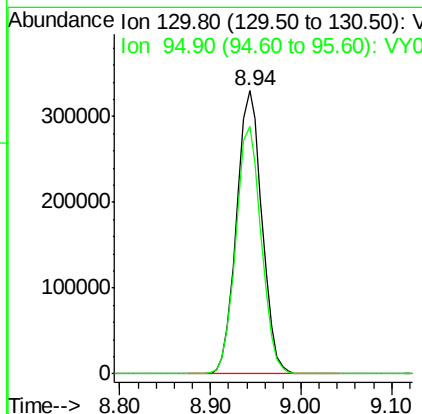
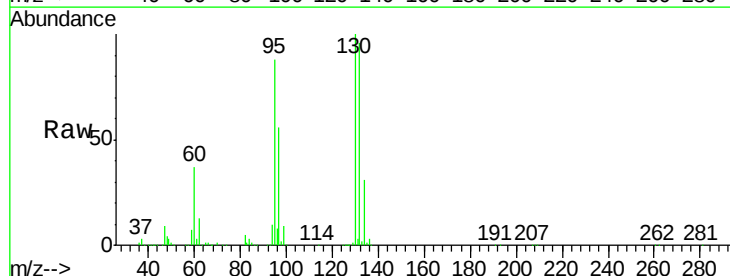
MMDadoda
 6/26/2020 11:22:20 AM

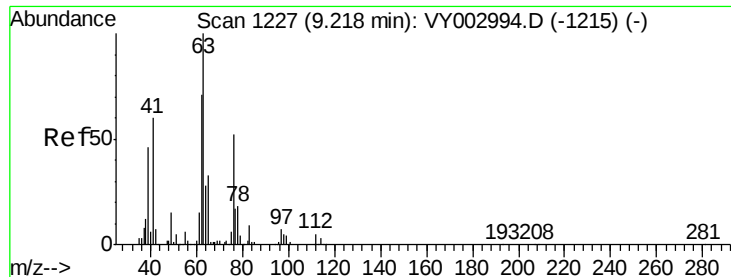


#44

Trichloroethene
 Concen: 140.851 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.6	0.0	171.4





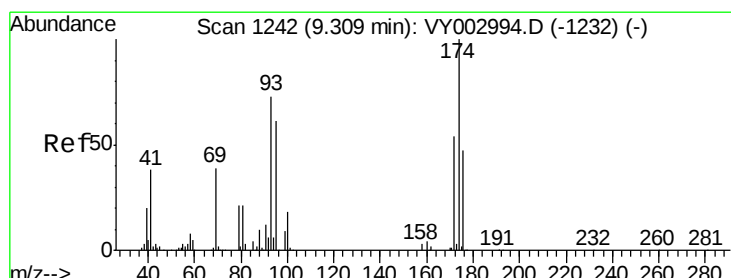
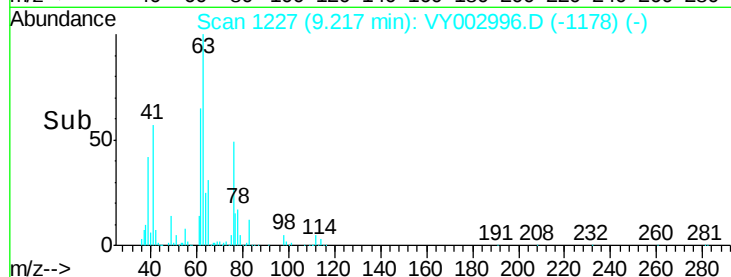
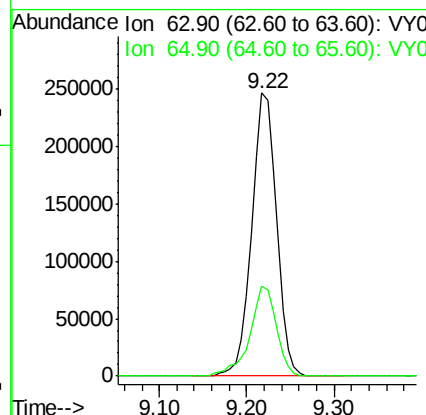
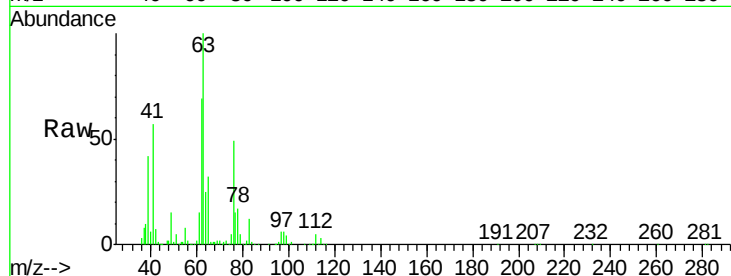
#45
 1,2-Dichloropropane
 Concen: 142.871 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	63	Resp	482857
Ion Ratio	Lower	Upper	
63	100		
65	31.7	26.2	39.4

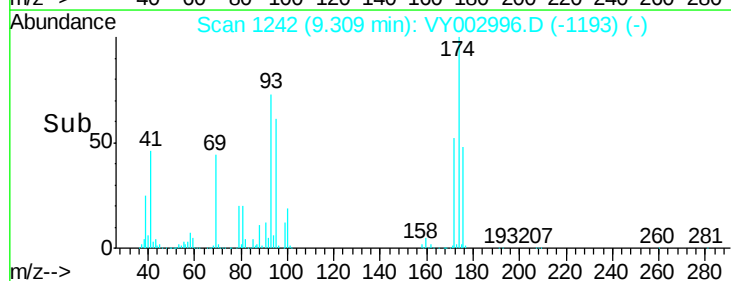
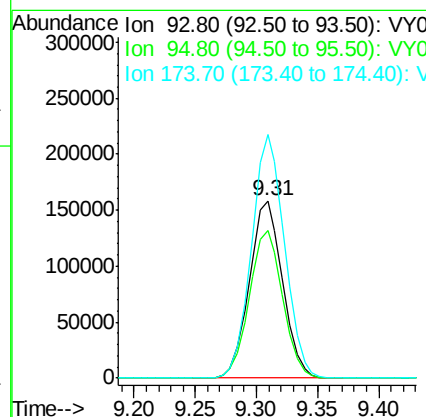
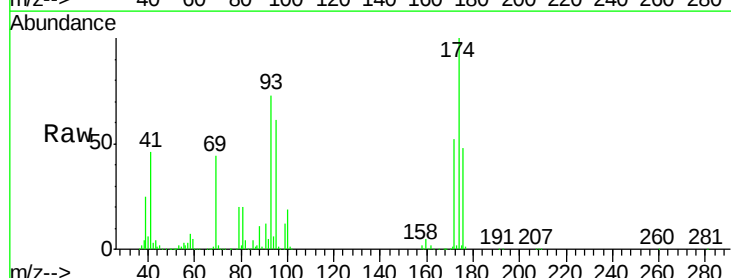
Manual Integrations
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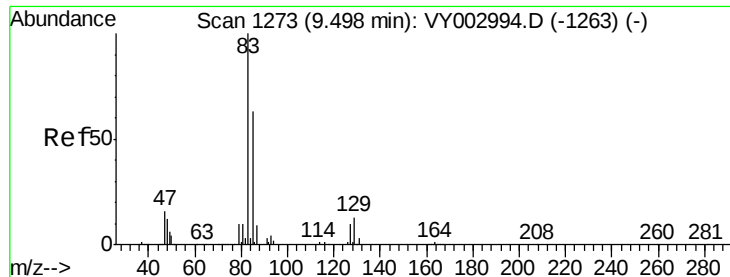
MMDadoda
 6/26/2020 11:22:20 AM



#46
 Dibromomethane
 Concen: 145.602 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion	93	Resp	298284
Ion Ratio	Lower	Upper	
93	100		
95	83.6	66.2	99.2
174	137.3	109.8	164.8





#47

Bromodichloromethane

Concen: 142.404 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

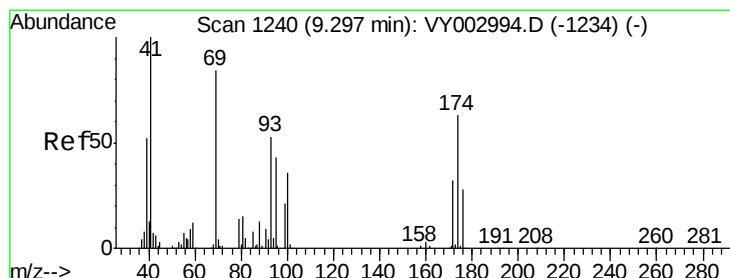
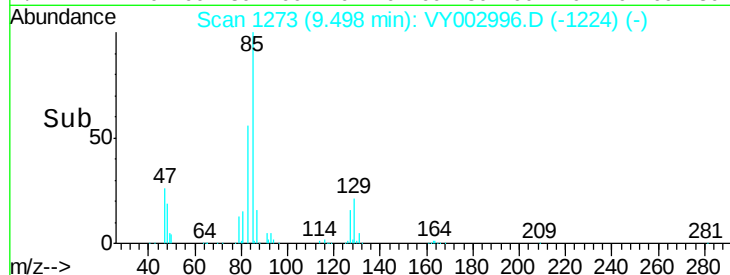
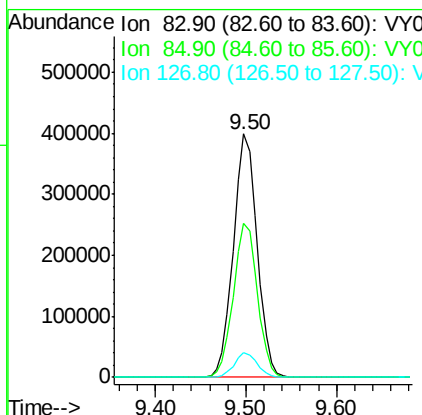
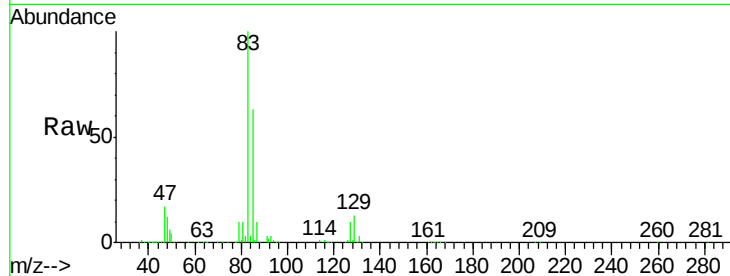
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	723780
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.2	75.4
127	10.0	7.8	11.6

Manual Integrations
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6/26/2020 11:22:20 AM



#48

Methyl methacrylate

Concen: 152.594 ug/l

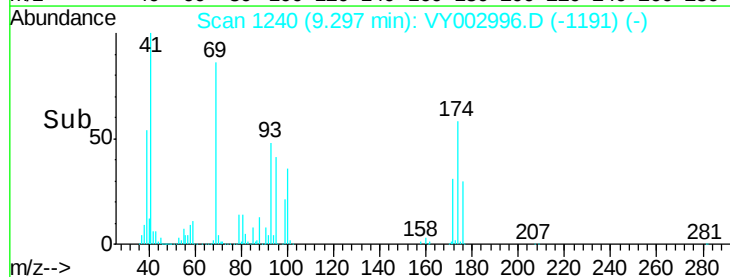
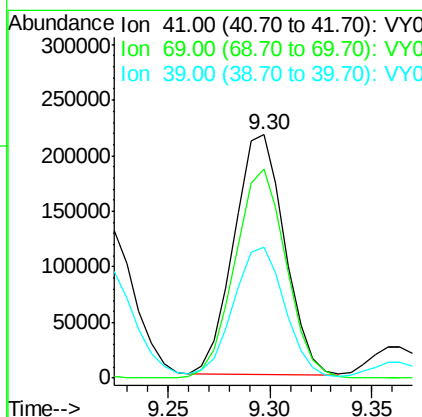
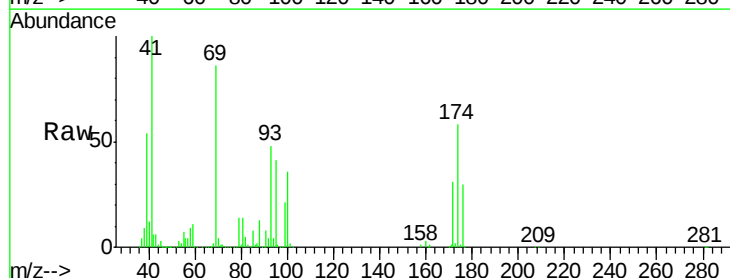
RT: 9.30 min Scan# 1240

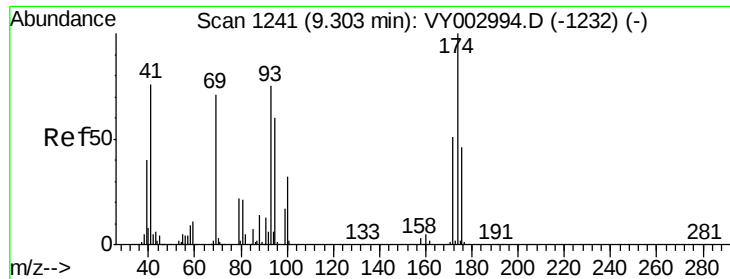
Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Tgt Ion:	41	Resp:	373132
Ion	Ratio	Lower	Upper
41	100		
69	88.0	70.2	105.2
39	55.7	45.0	67.6





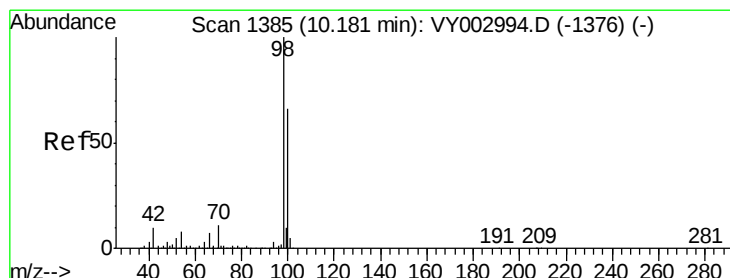
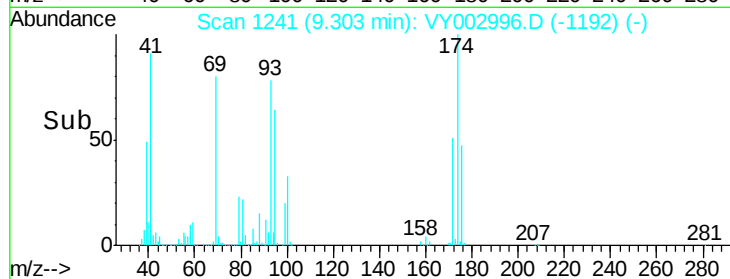
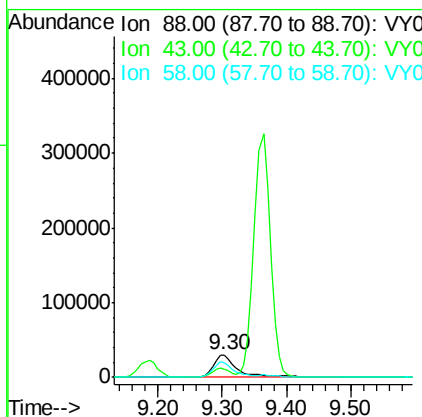
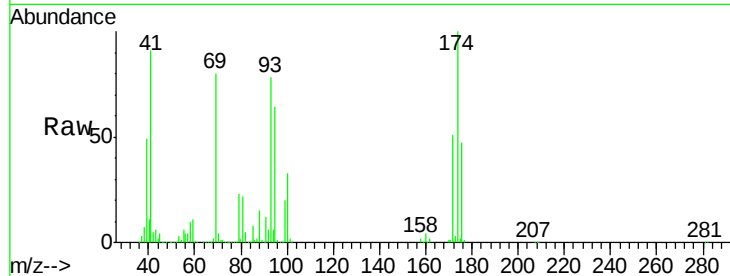
#49
1,4-Dioxane
Concen: 3346.774 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	88	Resp	80035
Ion	Ratio	Lower	Upper
88	100		
43	30.4	26.6	39.8
58	59.2	50.6	75.8

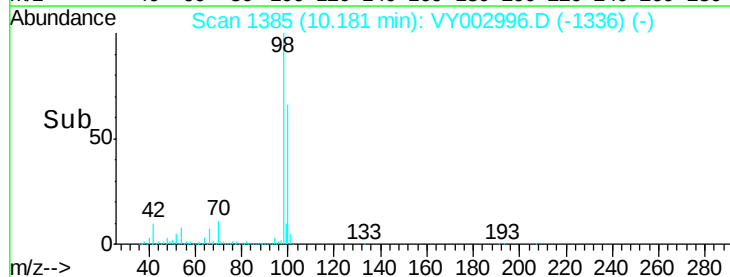
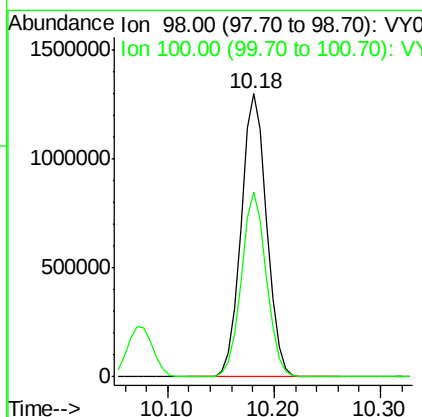
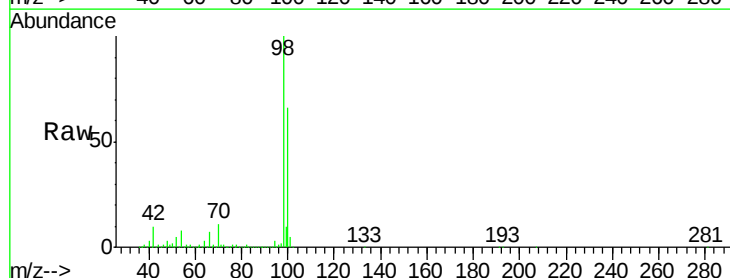
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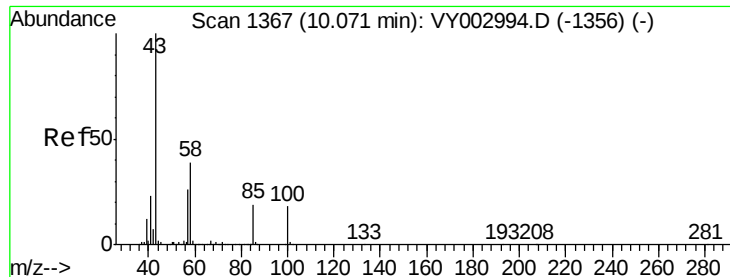
MMDadoda
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#50
Toluene-d8
Concen: 157.677 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion	98	Resp	2182987
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 805.814 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2220021

Ion Ratio Lower Upper

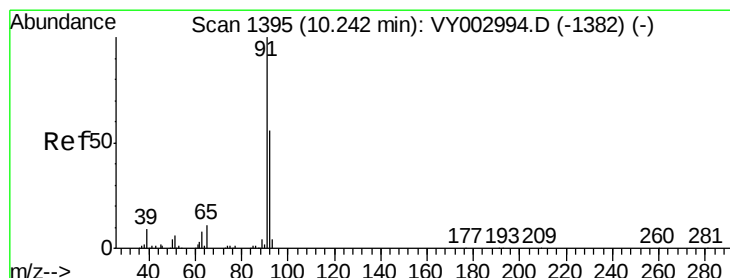
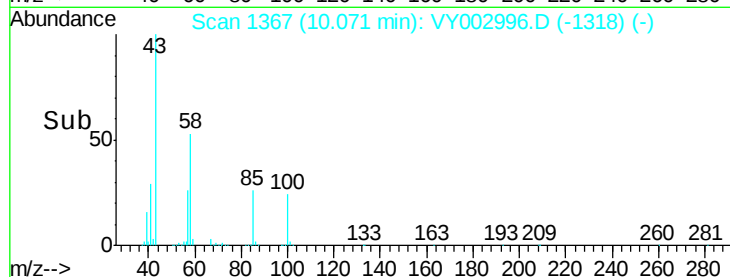
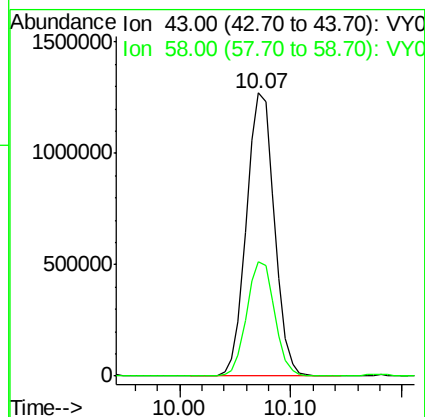
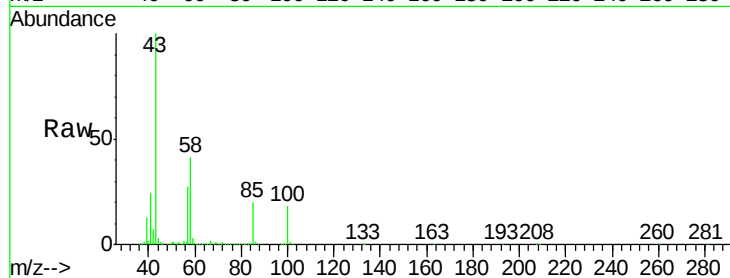
43 100

58 40.3 31.4 47.0

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#52

Toluene

Concen: 153.279 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002996.D

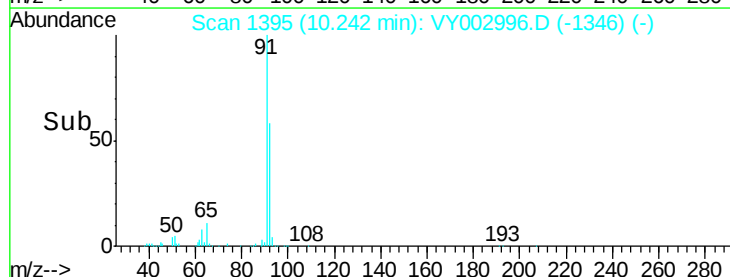
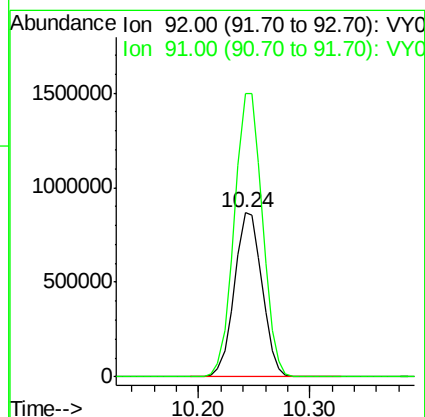
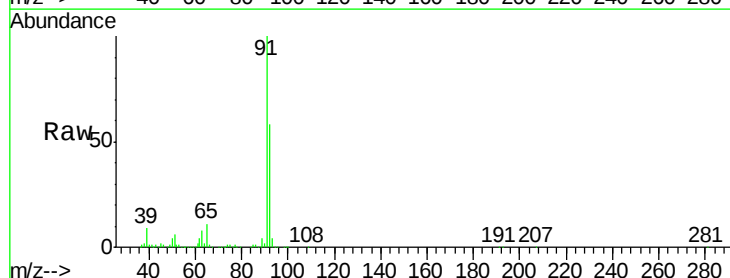
Acq: 25 Jun 2020 13:20

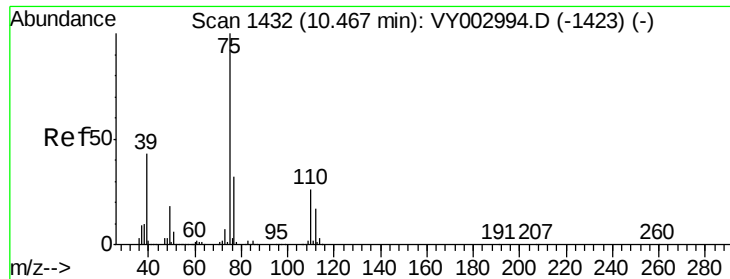
Tgt Ion: 92 Resp: 1491957

Ion Ratio Lower Upper

92 100

91 175.4 140.7 211.1





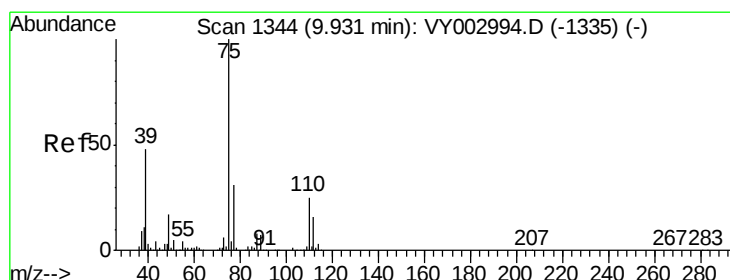
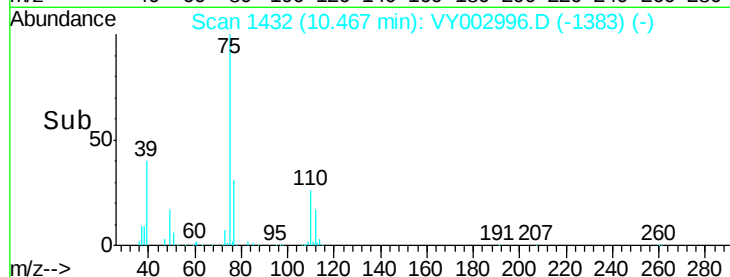
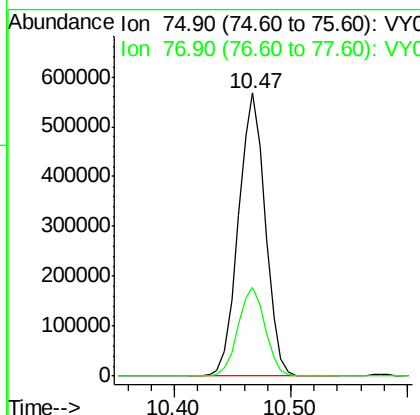
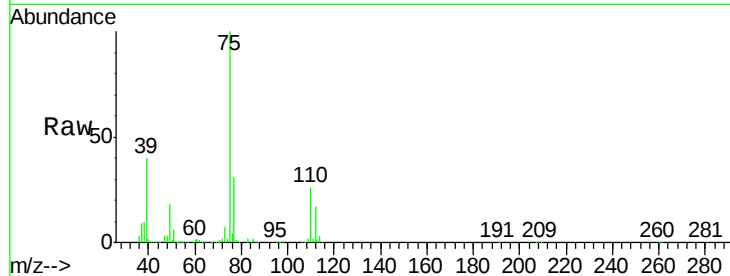
#53
t-1,3-Dichloropropene
Concen: 157.593 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.2

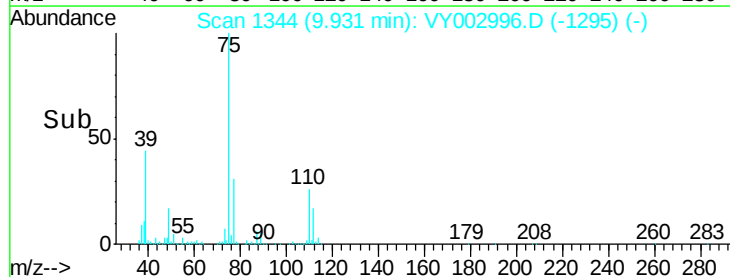
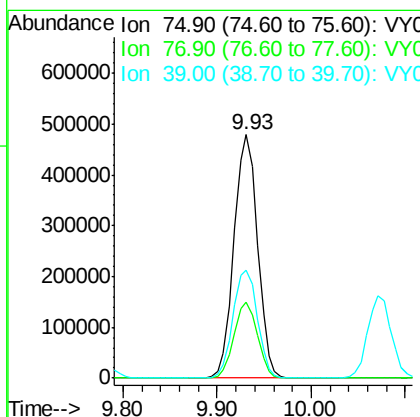
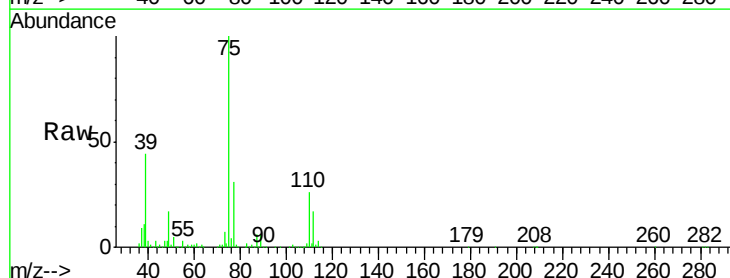
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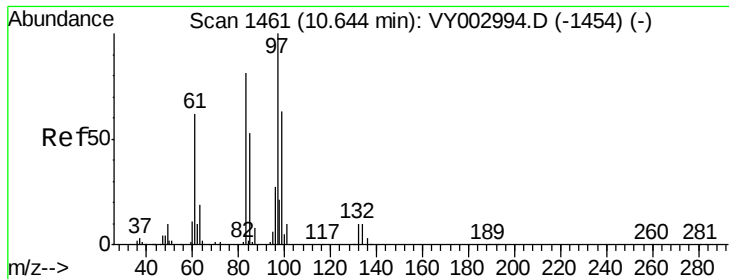
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#54
cis-1,3-Dichloropropene
Concen: 138.763 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.1	37.7
39	44.4	38.4	57.6





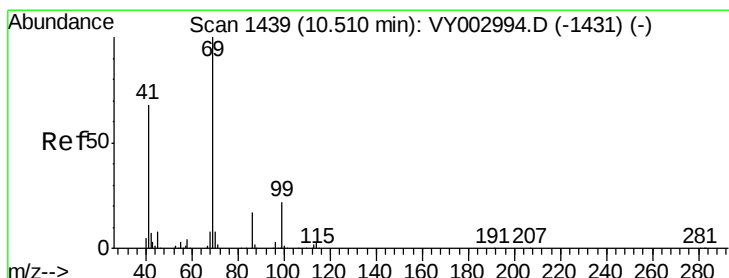
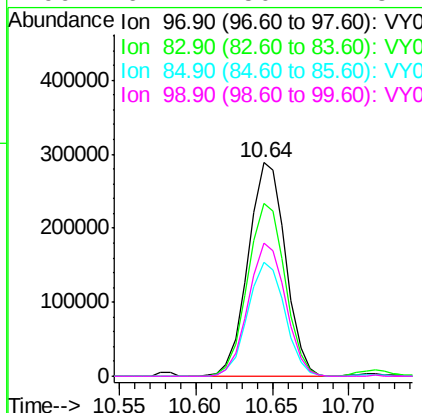
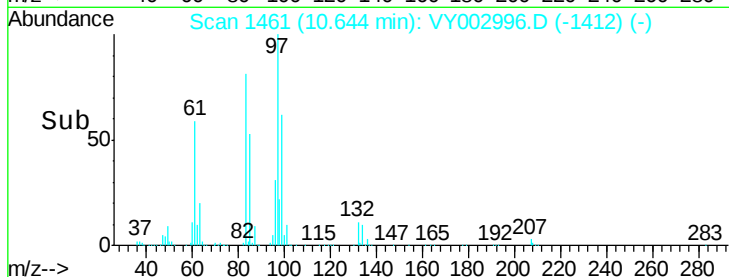
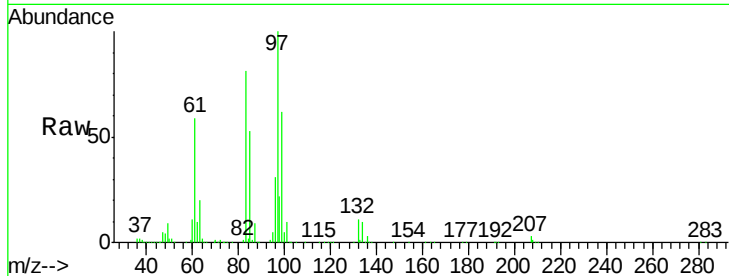
#55
 1,1,2-Trichloroethane
 Concen: 155.896 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	491476
Ion	Ratio	Lower	Upper
97	100		
83	80.9	64.6	96.8
85	53.3	42.6	63.8
99	62.1	50.1	75.1

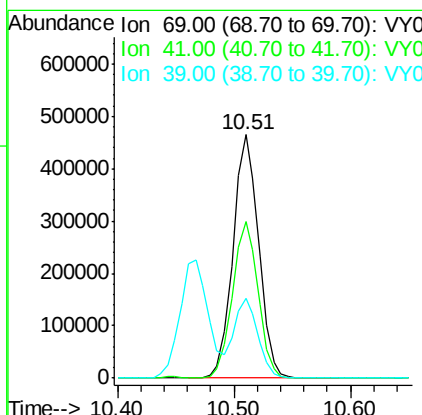
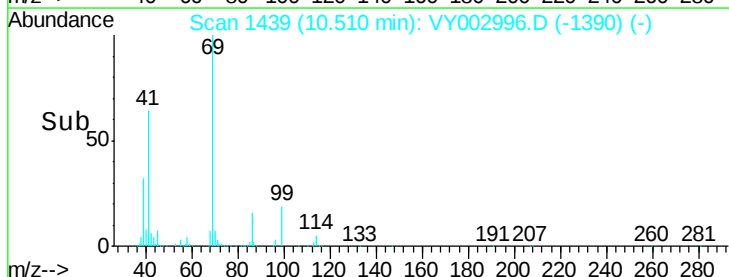
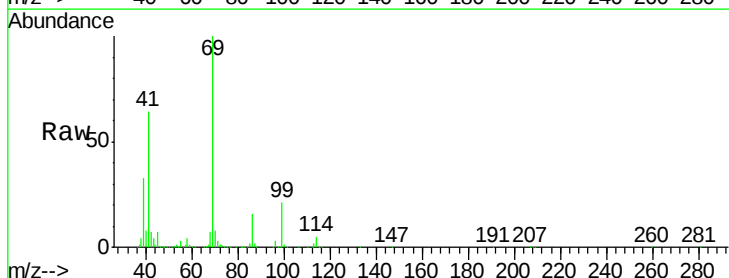
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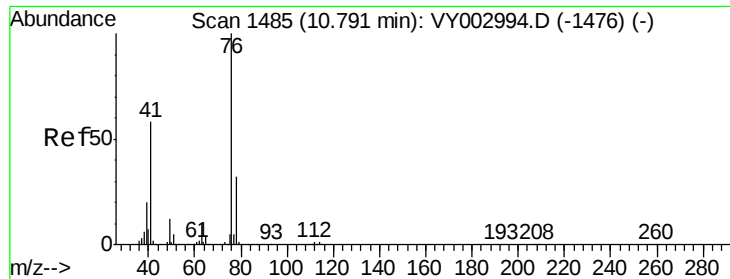
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 6/26/2020 11:22:20 AM



#56
 Ethyl methacrylate
 Concen: 163.093 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion:	69	Resp:	709824
Ion	Ratio	Lower	Upper
69	100		
41	64.4	51.4	77.0
39	30.5	24.4	36.6





#57

1,3-Dichloropropane

Concen: 151.540 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 813723

Ion Ratio Lower Upper

76 100

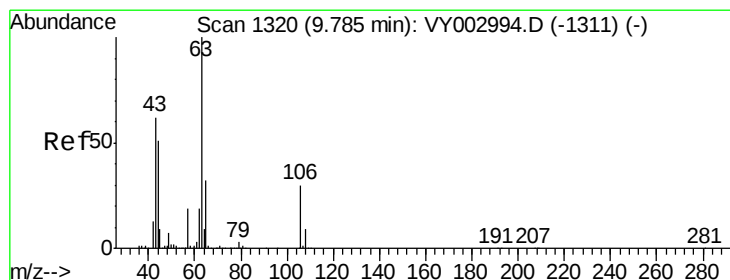
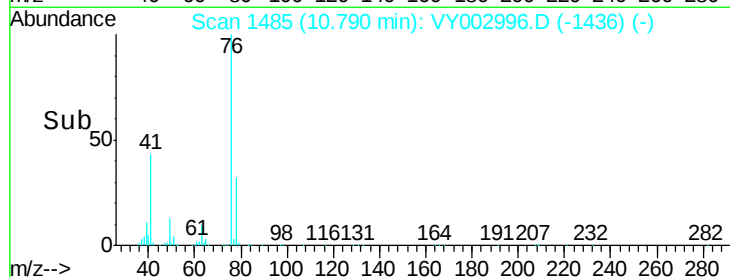
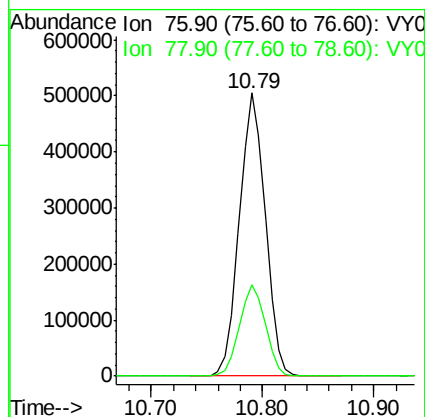
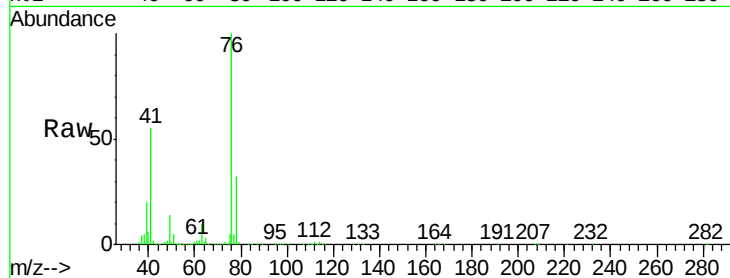
78 32.3 25.8 38.6

Manual Integrations

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MMDadoda

6/26/2020 11:22:20 AM



#58

2-Chloroethyl Vinyl ether

Concen: 767.099 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002996.D

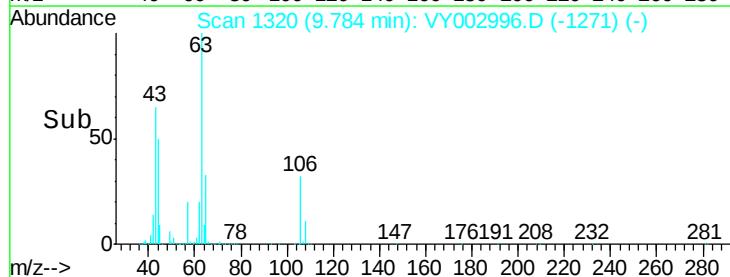
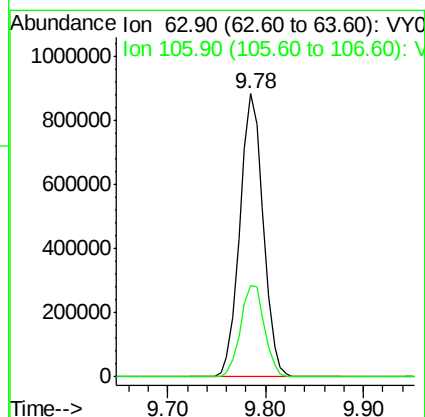
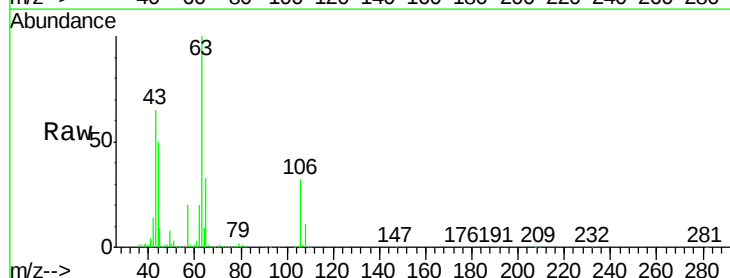
Acq: 25 Jun 2020 13:20

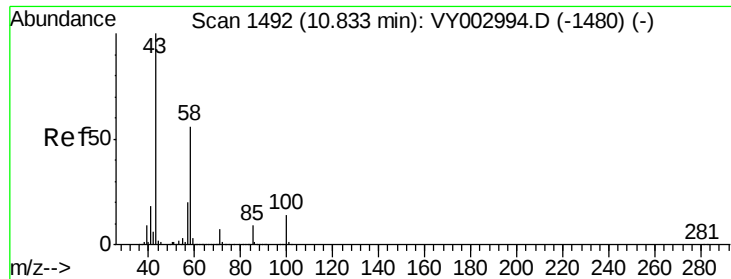
Tgt Ion: 63 Resp: 1466847

Ion Ratio Lower Upper

63 100

106 33.2 25.3 37.9





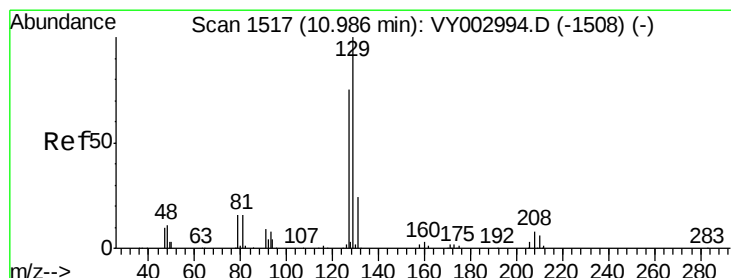
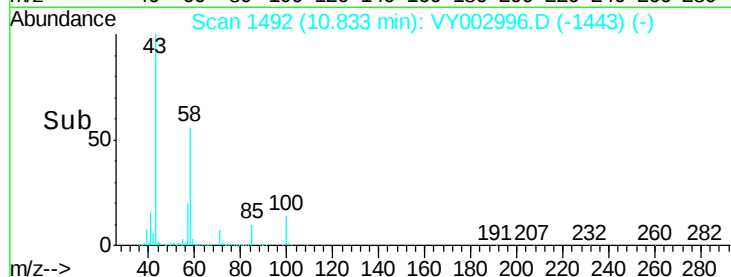
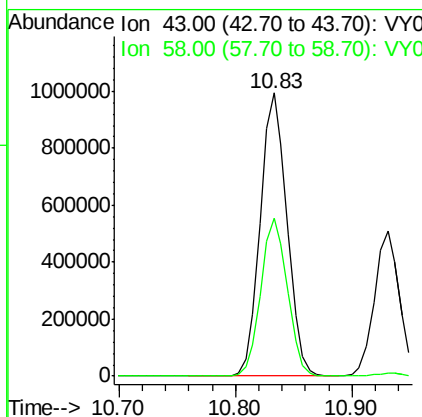
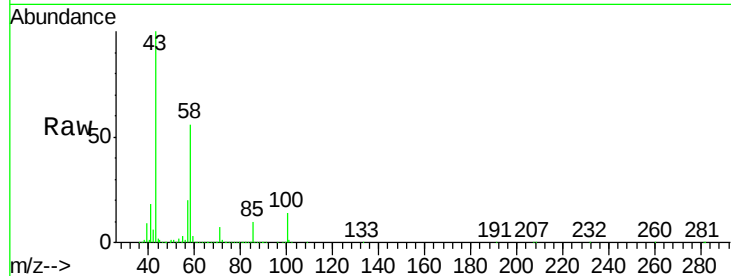
#59
2-Hexanone
Concen: 785.490 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1578742
Ion Ratio Lower Upper
43 100
58 55.4 27.4 82.0

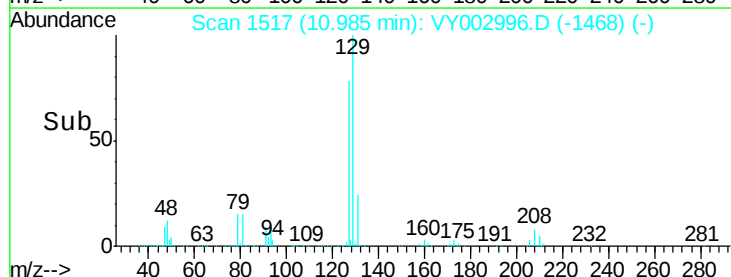
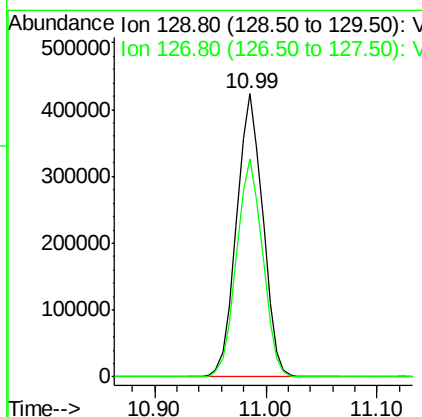
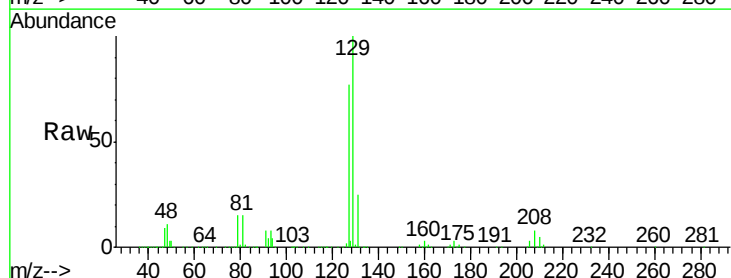
Manual Integrations
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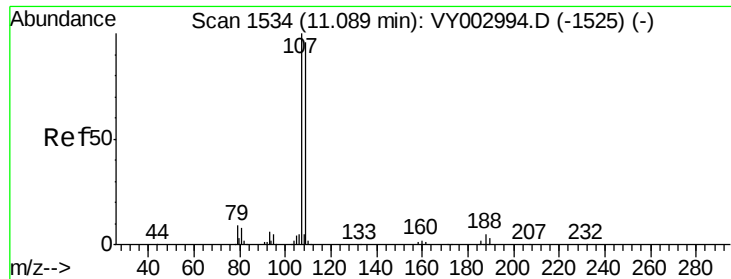
MMDadoda
6/26/2020 11:22:20 AM



#60
Dibromochloromethane
Concen: 159.098 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion: 129 Resp: 692664
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8





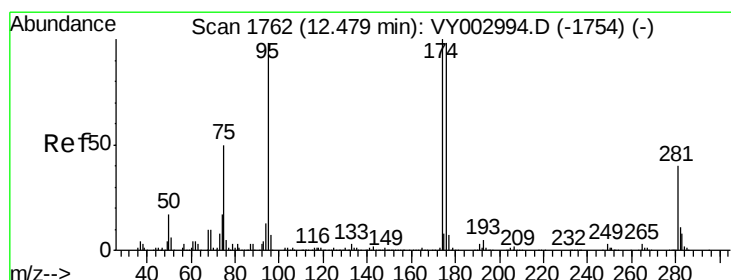
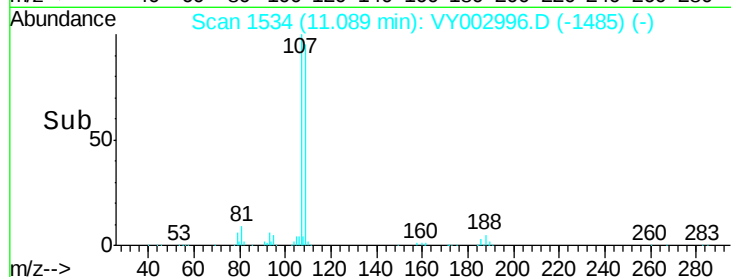
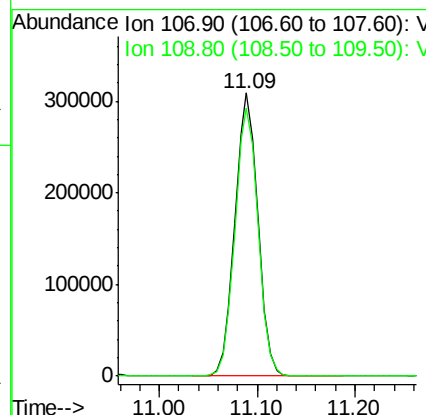
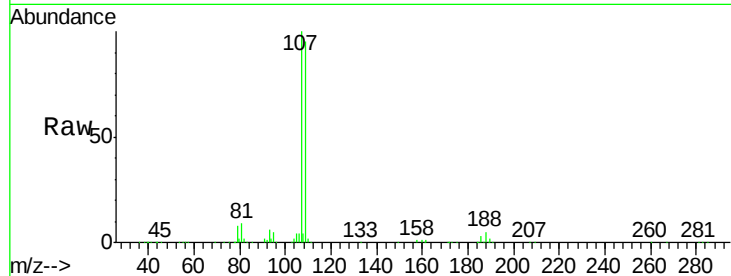
#61
 1,2-Dibromoethane
 Concen: 158.102 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
107	100	501203		
109	95.7	76.9	115.3	

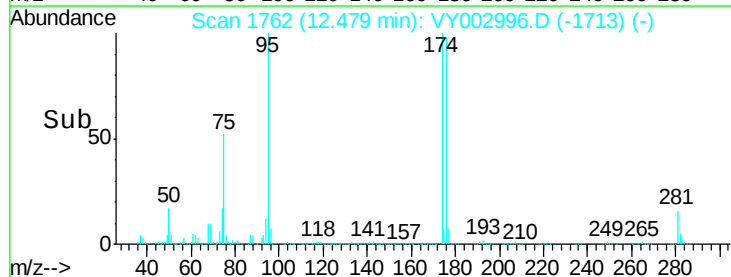
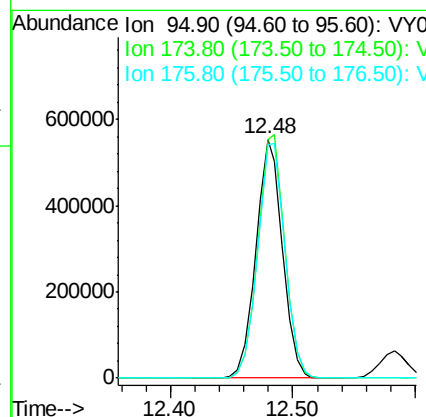
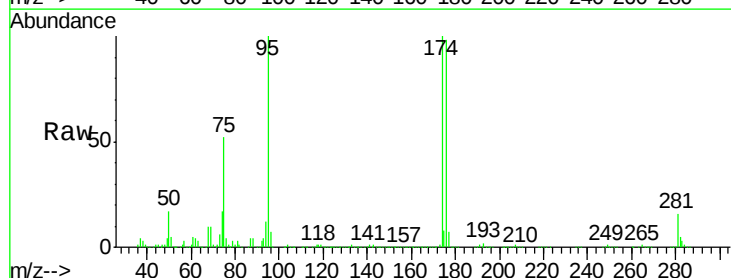
Manual Integrations
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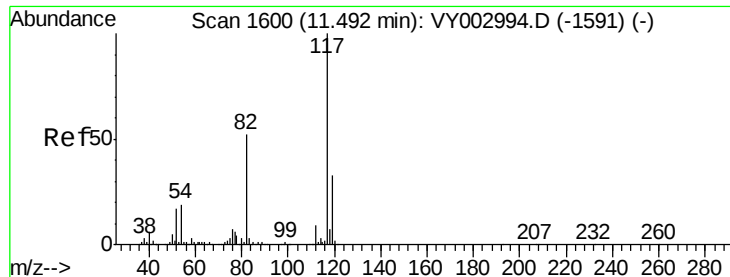
MMDadoda
 6/26/2020 11:22:20 AM



#62
 4-Bromofluorobenzene
 Concen: 161.376 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	833815		
174	104.0	0.0	209.2	
176	101.5	0.0	206.2	





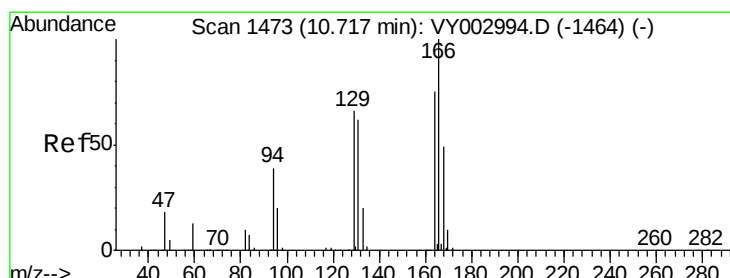
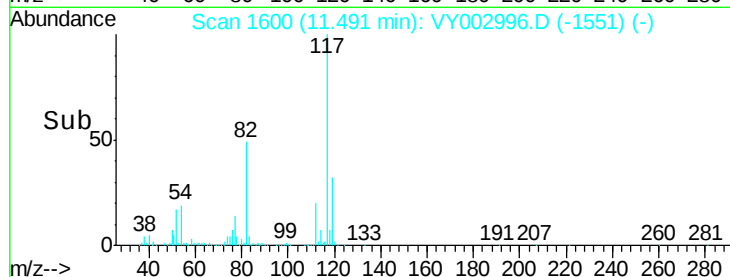
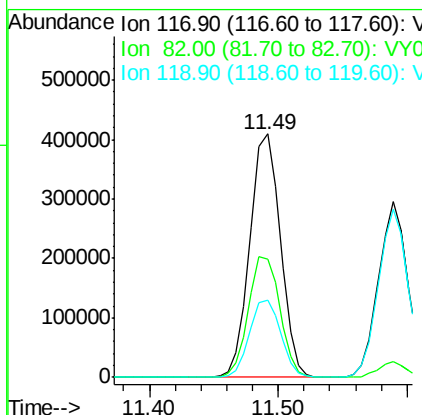
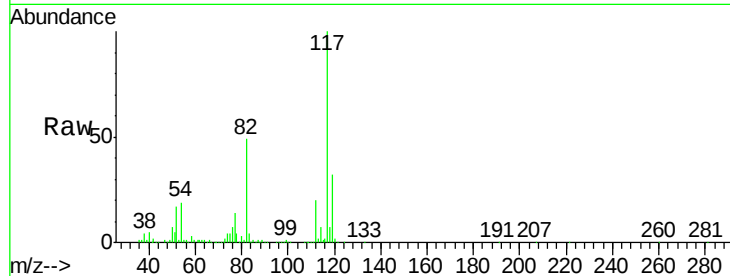
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	670983		
82	48.6		41.8	62.8
119	31.8		26.7	40.1

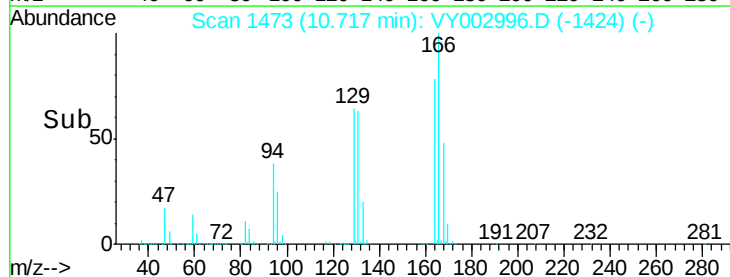
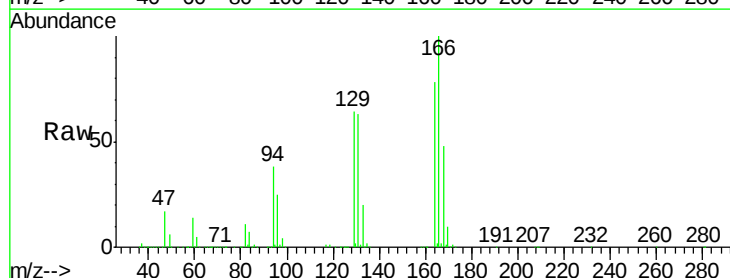
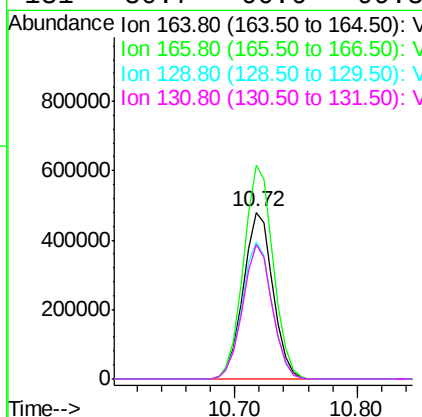
Manual Integrations
APPROVED

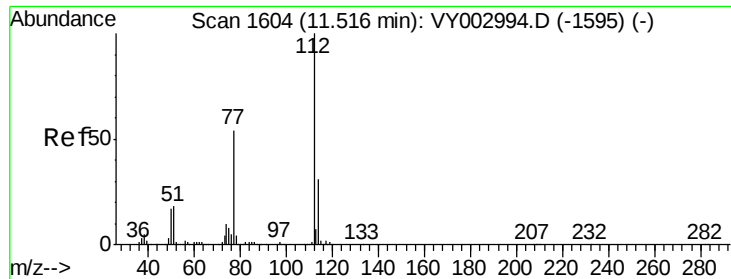
MMDadoda
6/26/2020 11:22:20 AM



#64
Tetrachloroethene
Concen: 129.209 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	804977		
166	128.2		106.8	160.2
129	82.4		69.9	104.9
131	80.7		66.6	99.8





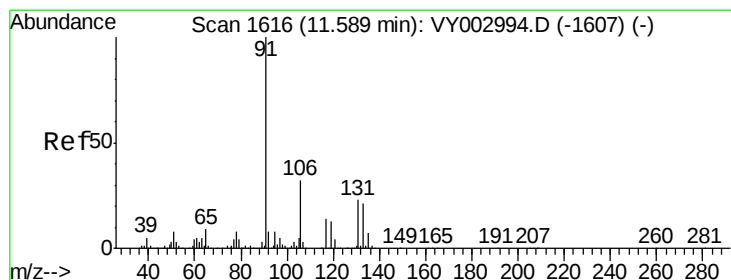
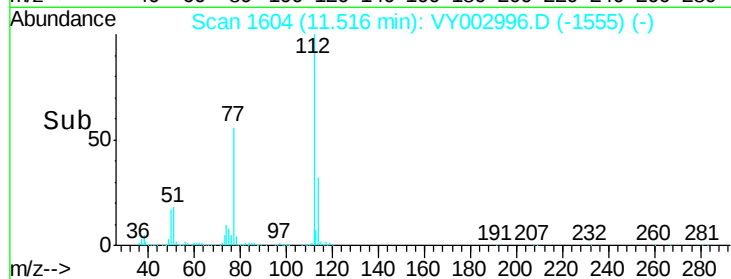
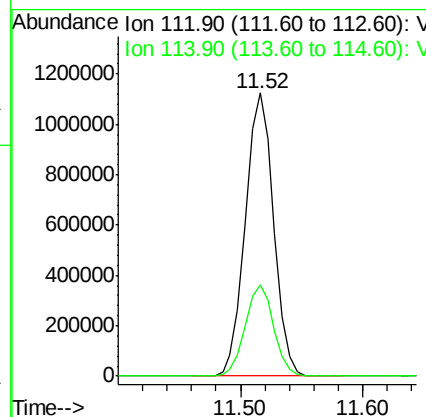
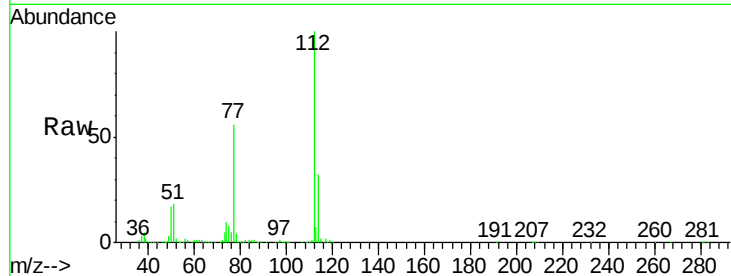
#65
Chlorobenzene
Concen: 135.048 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1801320
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4

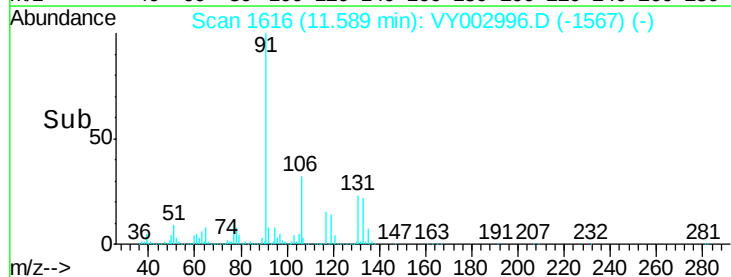
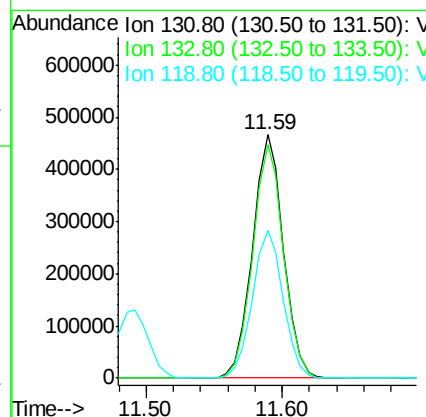
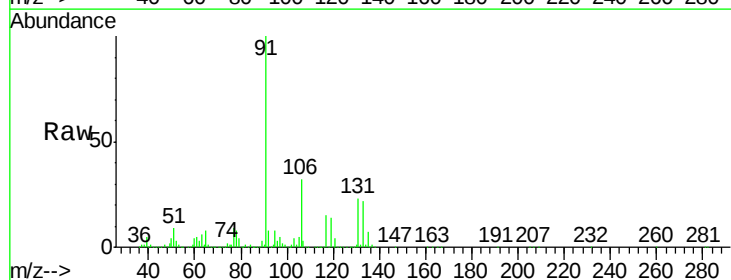
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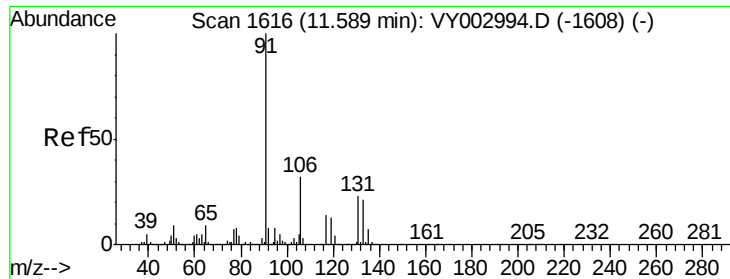
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#66
1,1,1,2-Tetrachloroethane
Concen: 137.262 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion:131 Resp: 740511
Ion Ratio Lower Upper
131 100
133 95.6 48.2 144.6
119 60.6 30.1 90.5





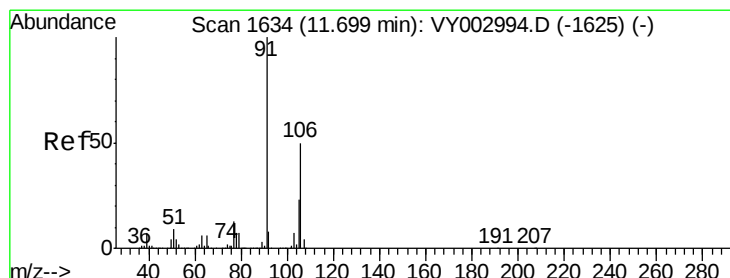
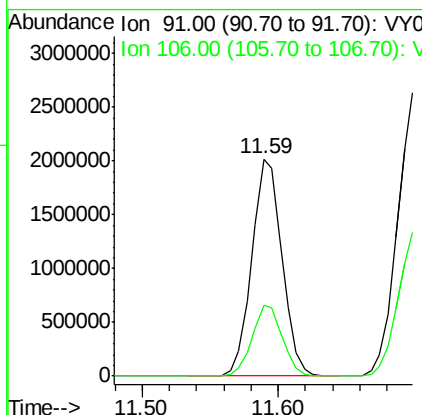
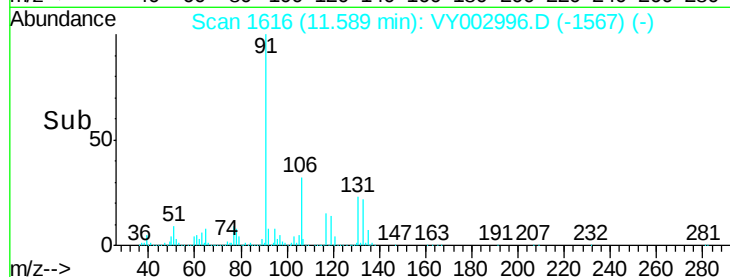
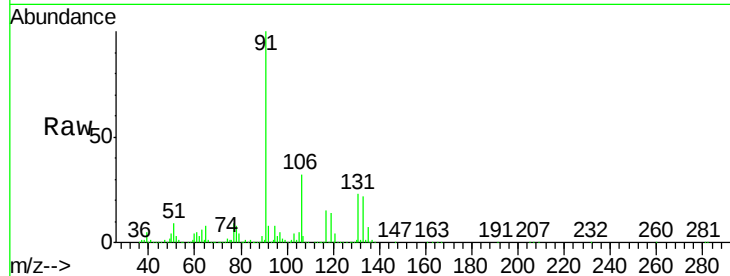
#67
Ethyl Benzene
Concen: 135.034 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 3151485
Ion Ratio Lower Upper
91 100
106 32.4 25.9 38.9

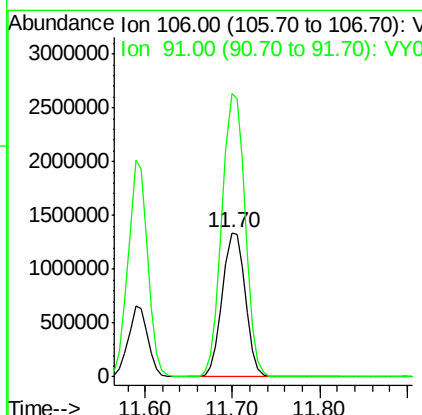
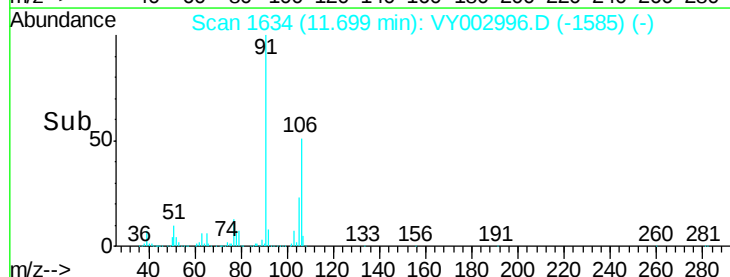
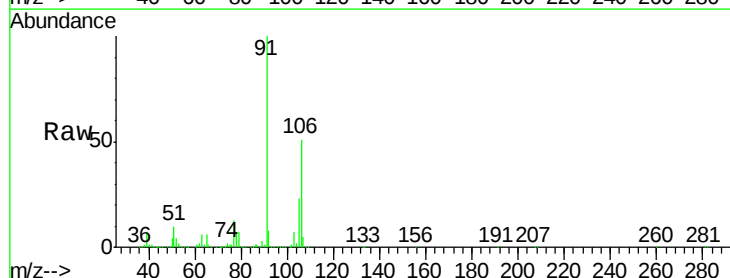
Manual Integrations
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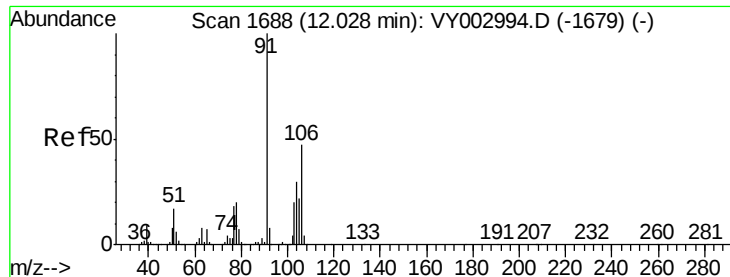
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#68
m/p-Xylenes
Concen: 272.676 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion: 106 Resp: 2452033
Ion Ratio Lower Upper
106 100
91 198.1 160.0 240.0





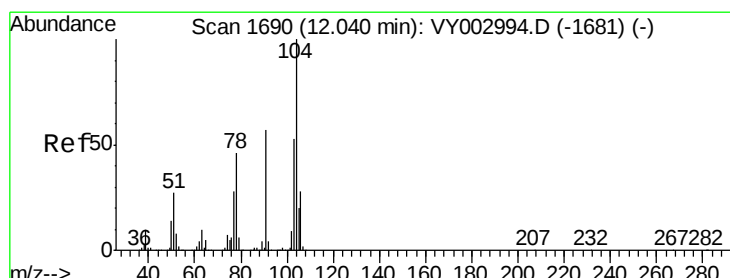
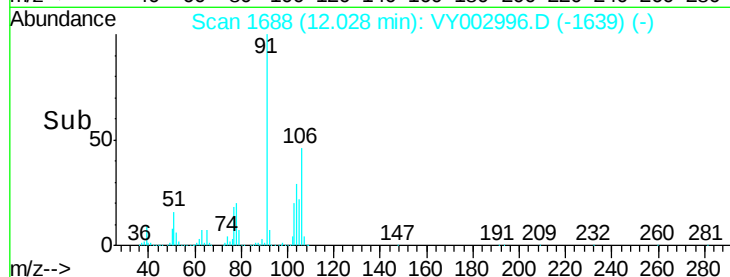
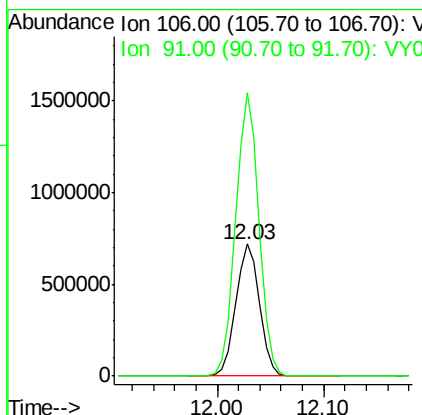
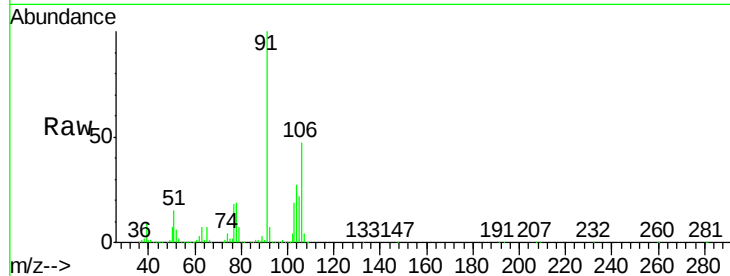
#69
o-Xylene
Concen: 130.171 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1117546
Ion Ratio Lower Upper
106 100
91 211.3 105.8 317.3

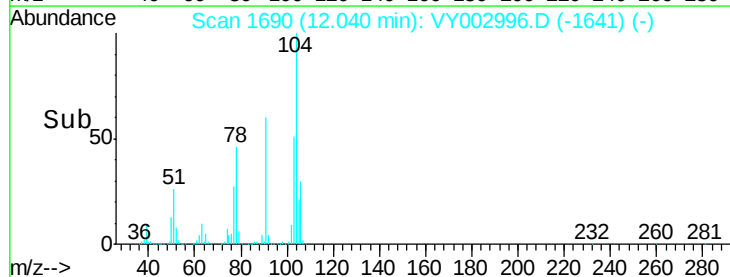
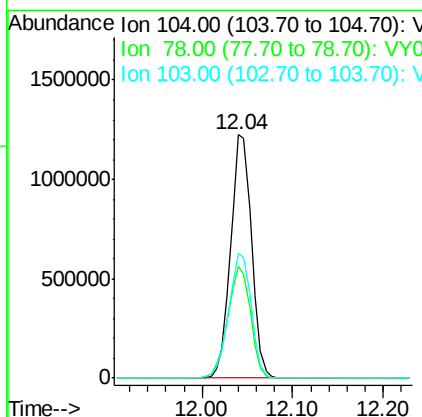
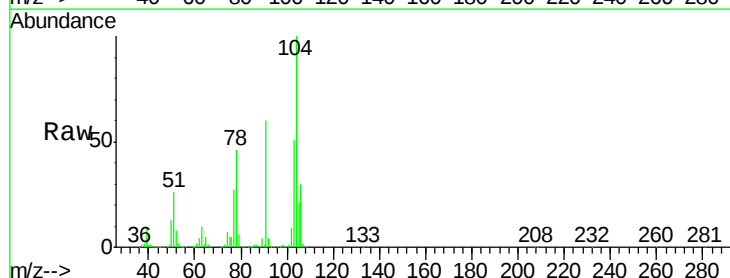
Manual Integrations
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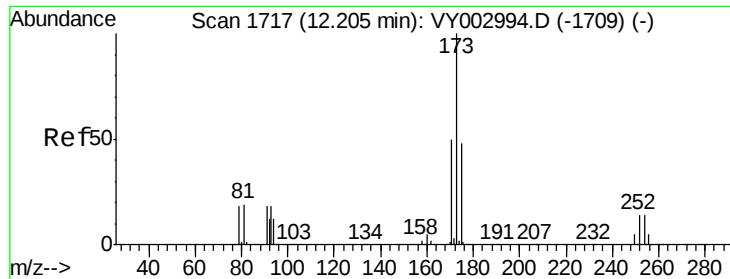
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#70
Styrene
Concen: 133.205 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion:104 Resp: 1951608
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 55.3 44.3 66.5





#71

Bromoform

Concen: 133.669 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 493518

Ion Ratio Lower Upper

173 100

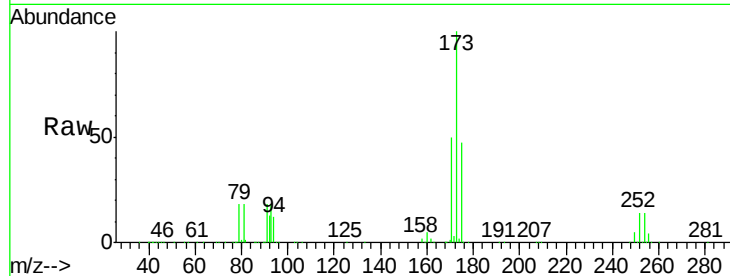
175 48.4 24.1 72.2

254 0.3 0.2 0.4

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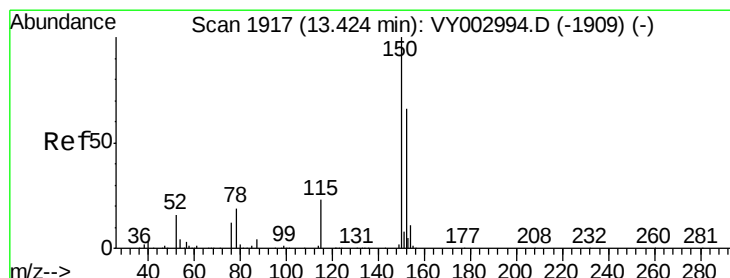
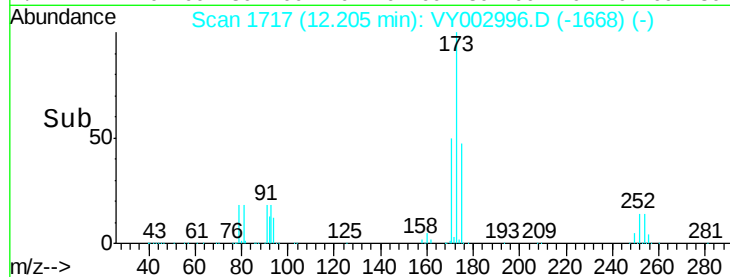
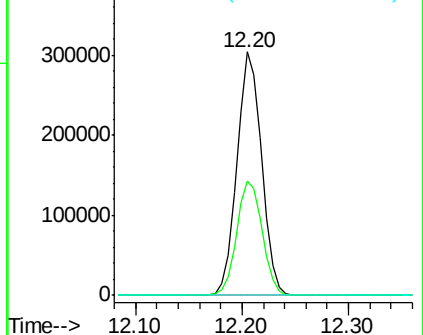
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

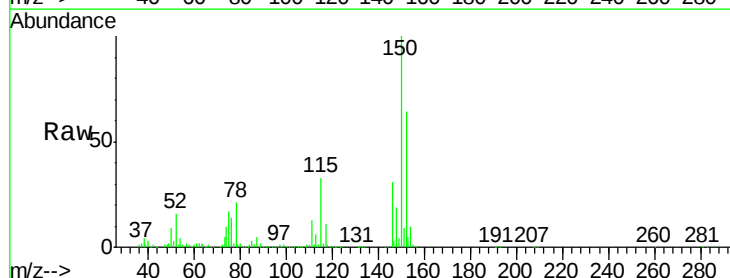
Tgt Ion:152 Resp: 305878

Ion Ratio Lower Upper

152 100

115 51.9 26.3 78.8

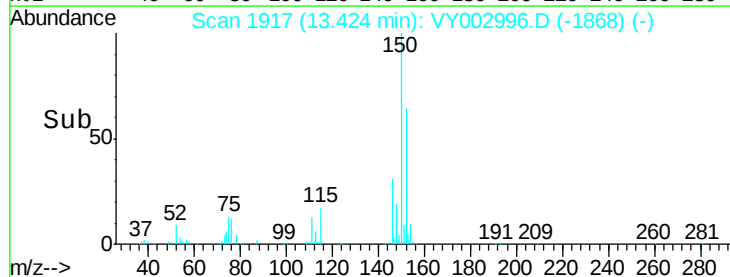
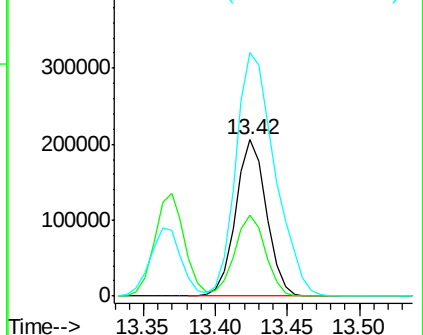
150 197.6 0.0 346.4

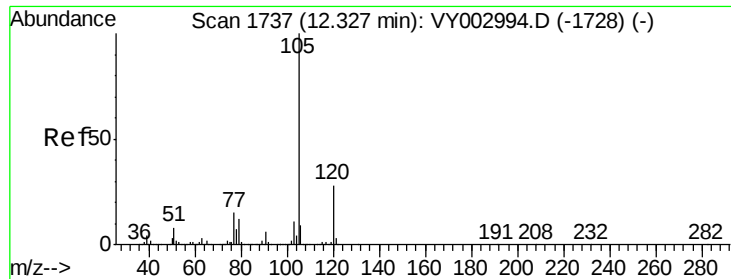


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 150.125 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2987008

Ion Ratio Lower Upper

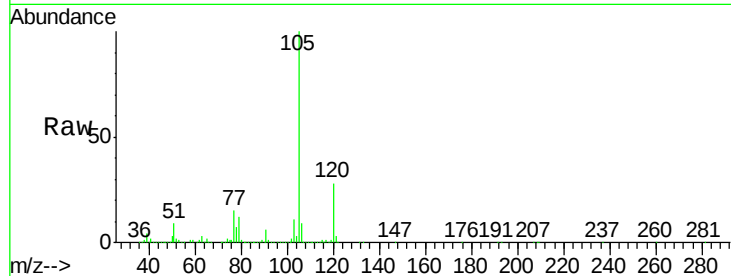
105 100

120 27.9 13.8 41.3

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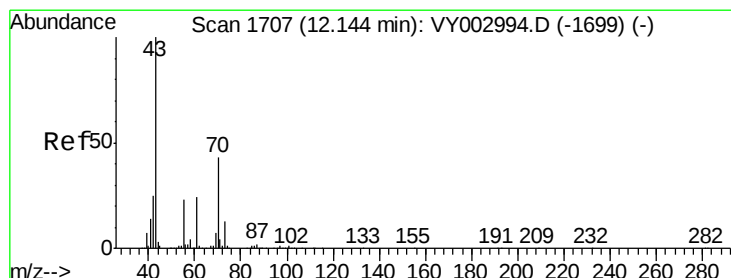
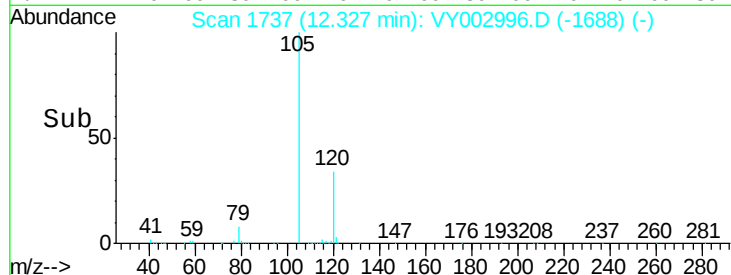
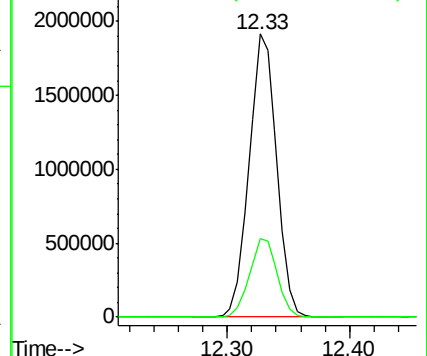
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 146.900 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Tgt Ion: 43 Resp: 789774

Ion Ratio Lower Upper

43 100

70 44.4 34.4 51.6

55 23.5 18.8 28.2

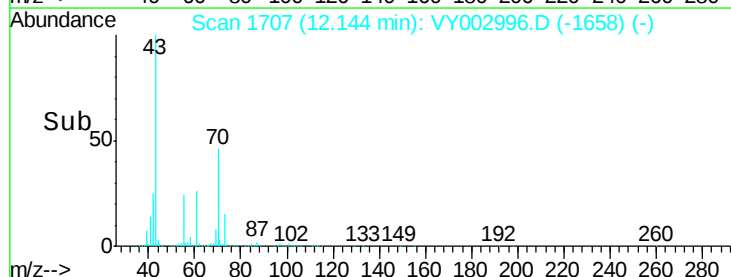
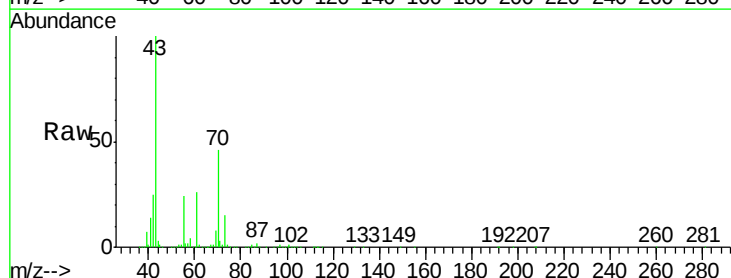
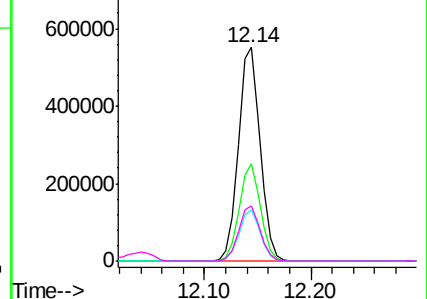
61 25.5 19.7 29.5

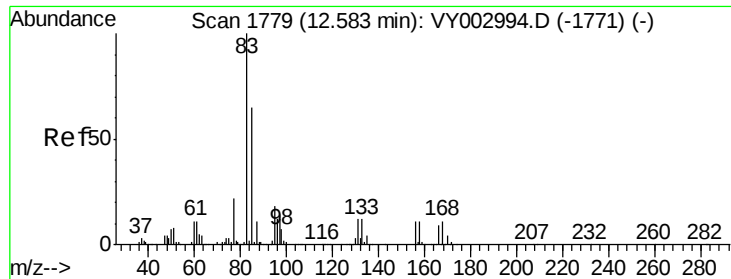
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 158.772 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

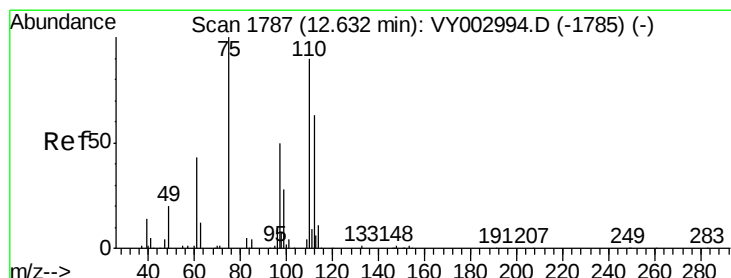
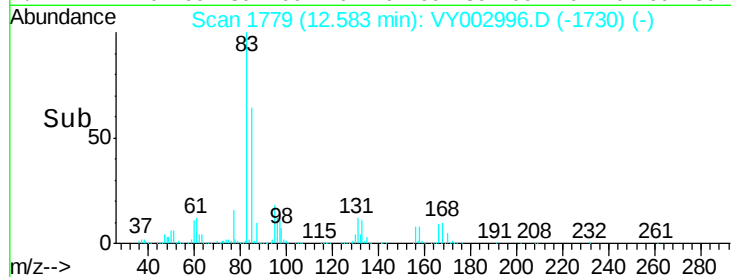
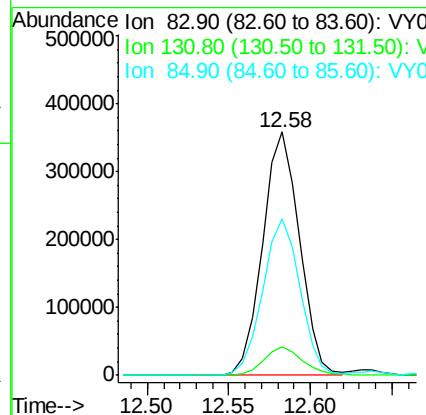
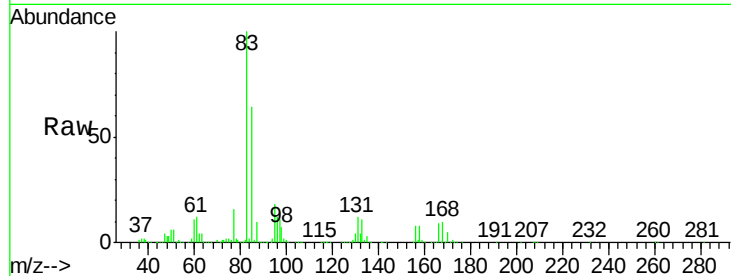
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	561461
Ion Ratio	Lower	Upper	
83	100		
131	12.3	6.3	18.8
85	64.9	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 83.945 ug/l m

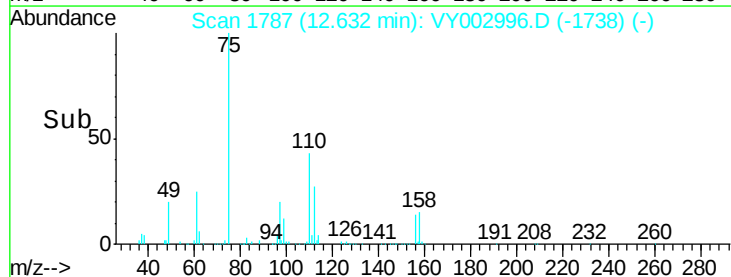
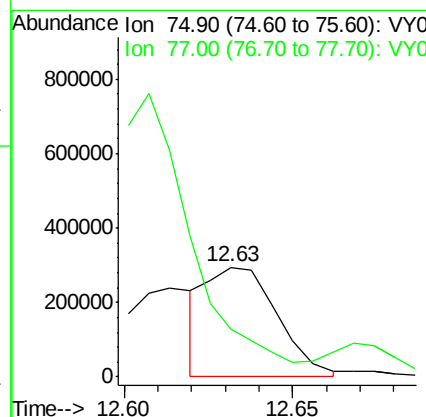
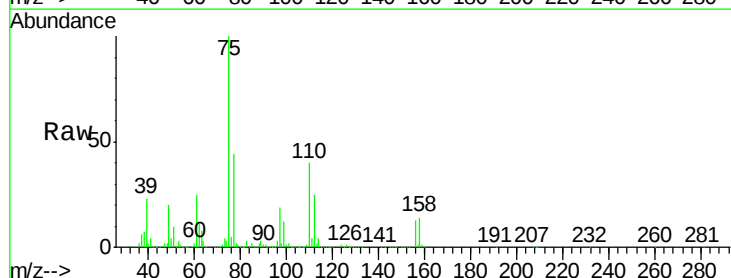
RT: 12.63 min Scan# 1787

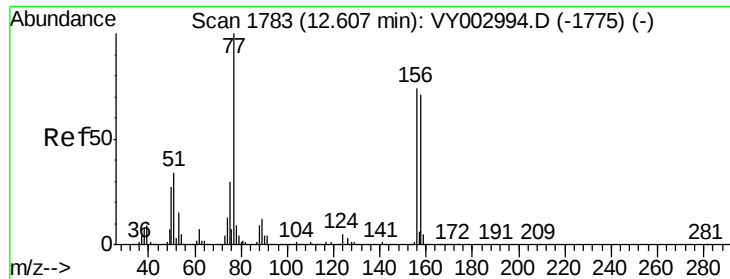
Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Tgt Ion:	75	Resp:	433365
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 155.316 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

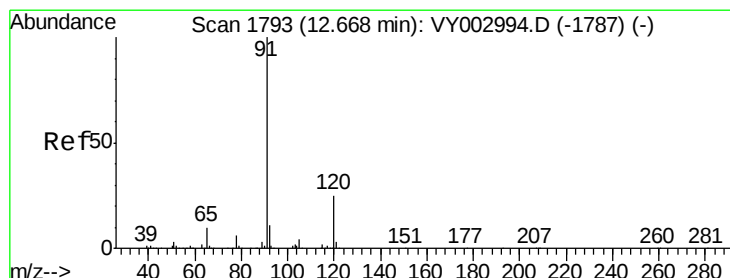
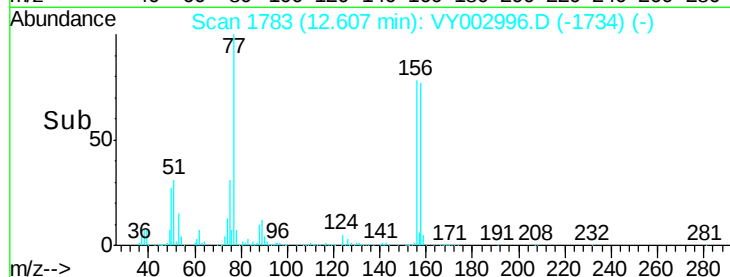
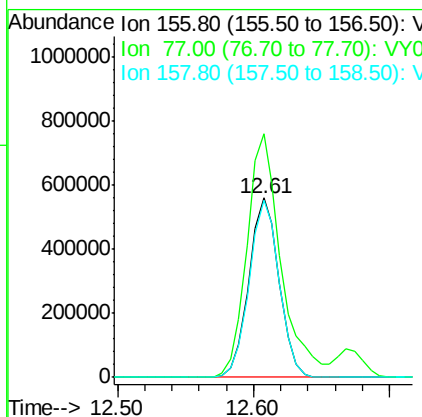
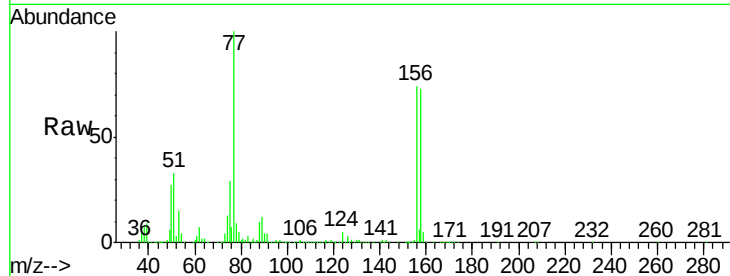
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	869293
Ion Ratio	Lower	Upper	
156	100		
77	152.7	77.3	231.9
158	98.5	48.9	146.8

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#78

n-propylbenzene

Concen: 146.944 ug/l

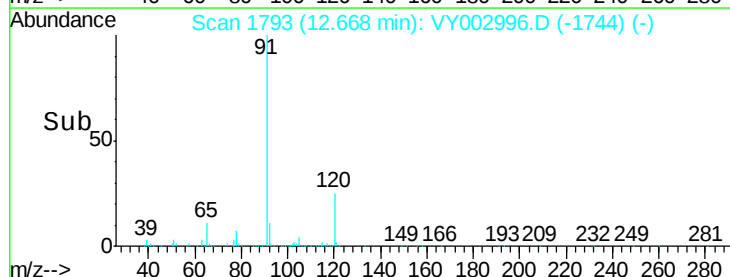
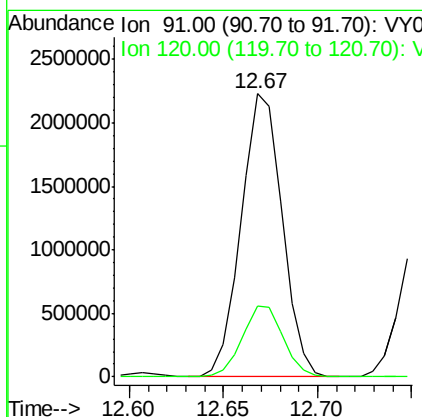
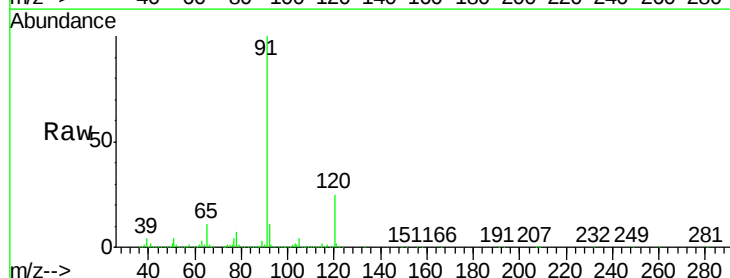
RT: 12.67 min Scan# 1793

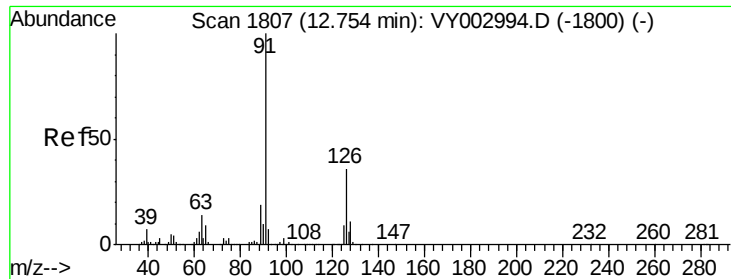
Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Tgt Ion:	91	Resp:	3373265
Ion Ratio	Lower	Upper	
91	100		
120	25.1	12.4	37.4





#79

2-Chlorotoluene

Concen: 145.558 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1905104

Ion Ratio Lower Upper

91 100

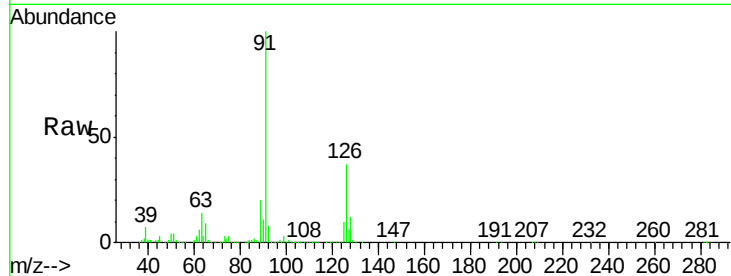
126 36.9 18.4 55.0

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Abundance Ion 91.00 (90.70 to 91.70): VY002996.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY002996.D (-1758) (-)

2500000

2000000

1500000

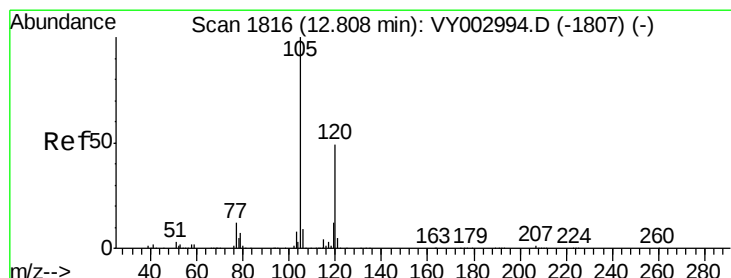
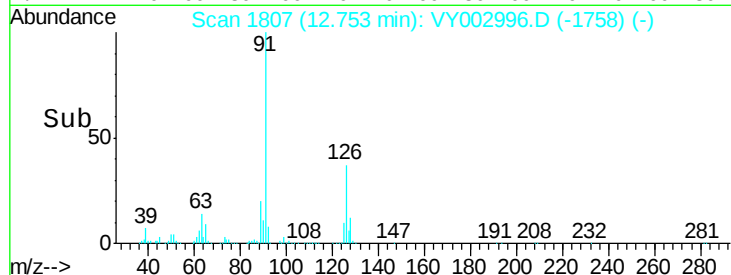
1000000

500000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 141.291 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY002996.D

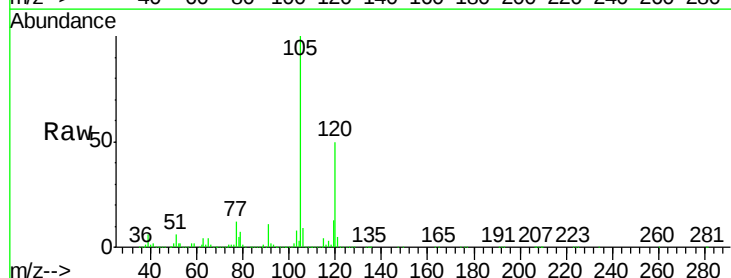
Acq: 25 Jun 2020 13:20

Tgt Ion:105 Resp: 2479969

Ion Ratio Lower Upper

105 100

120 50.0 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VY002996.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY002996.D (-1767) (-)

1500000

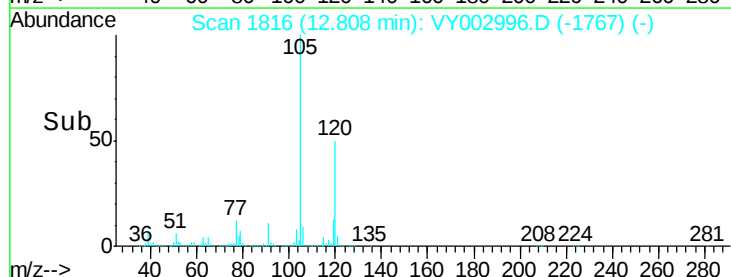
1000000

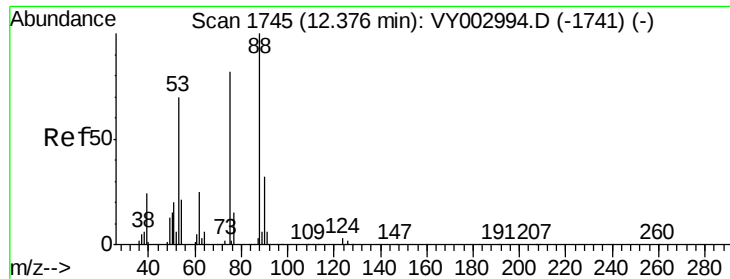
500000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 162.542 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

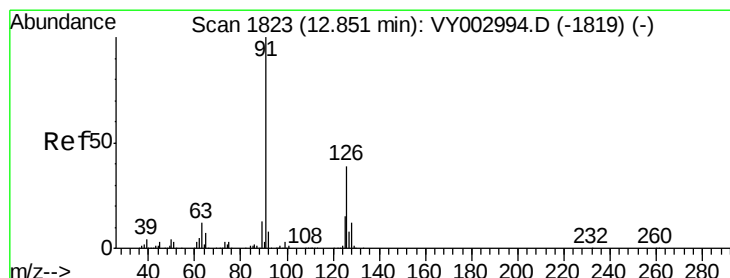
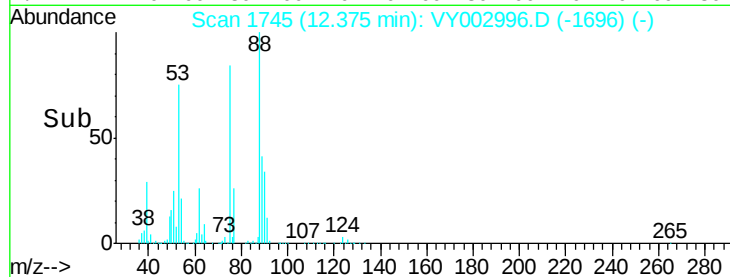
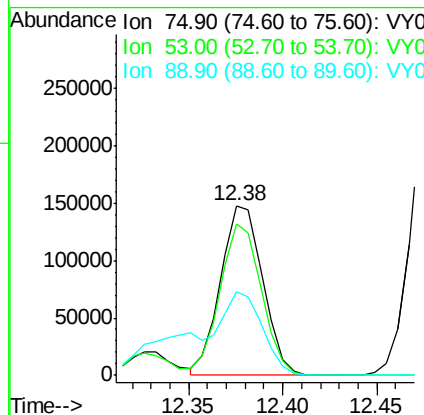
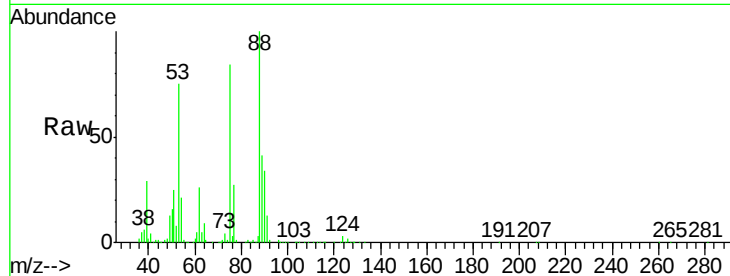
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	228348
Ion Ratio	Lower	Upper	
75	100		
53	89.0	72.2	108.4
89	86.4	35.0	52.4#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 144.935 ug/l

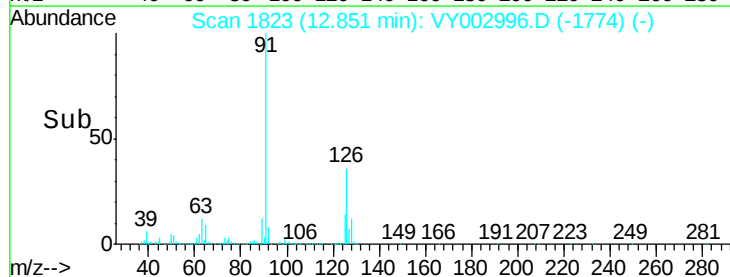
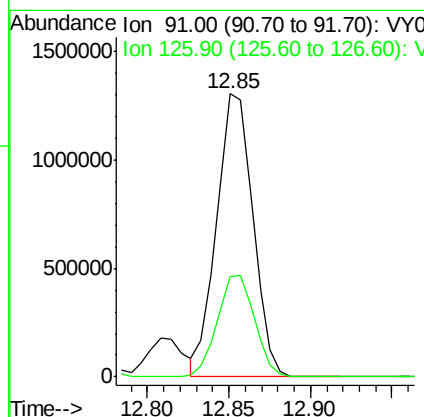
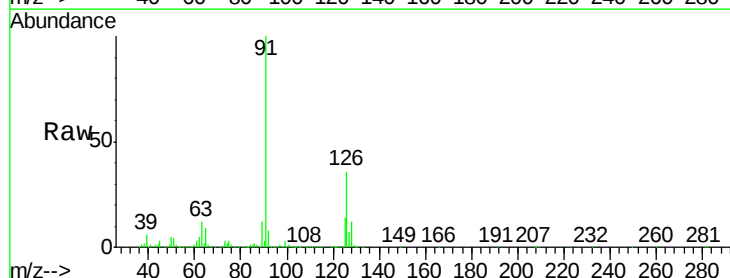
RT: 12.85 min Scan# 1823

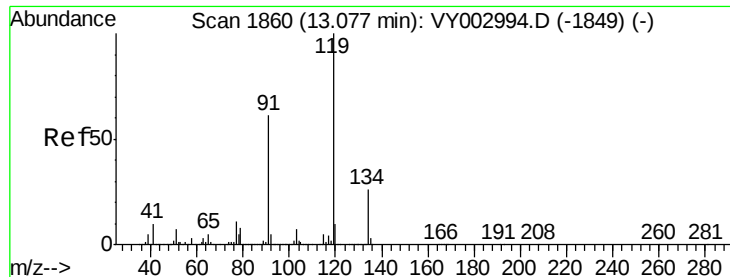
Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Tgt Ion:	91	Resp:	2031301
Ion Ratio	Lower	Upper	
91	100		
126	36.8	18.4	55.2





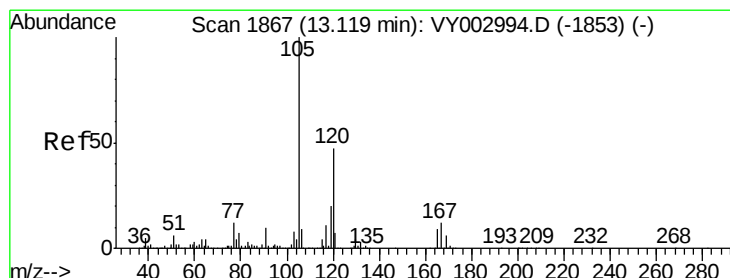
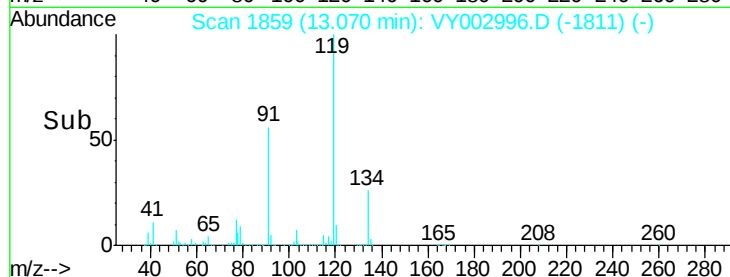
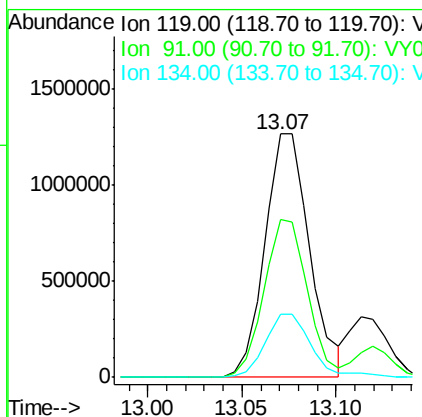
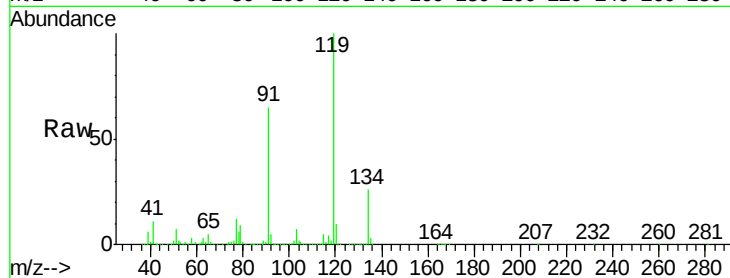
#83
tert-Butylbenzene
Concen: 134.925 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion:119 Resp: 2083765
Ion Ratio Lower Upper
119 100
91 62.6 31.4 94.2
134 27.0 13.4 40.1

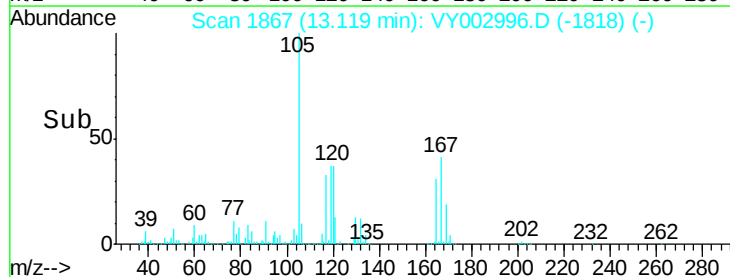
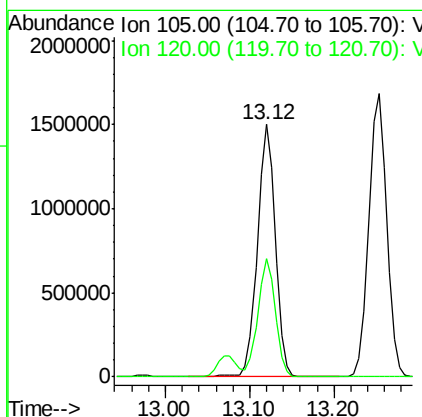
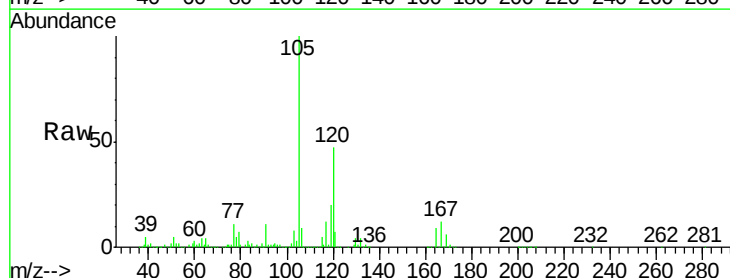
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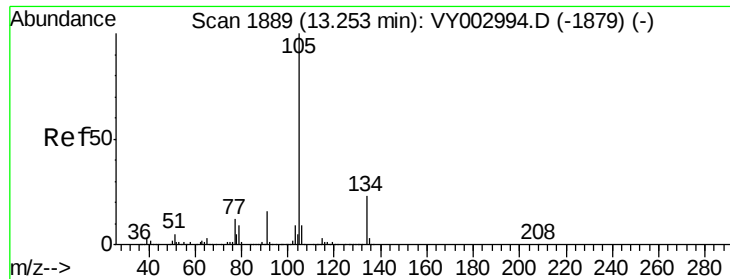
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#84
1,2,4-Trimethylbenzene
Concen: 126.359 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion:105 Resp: 2178576
Ion Ratio Lower Upper
105 100
120 45.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 127.633 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2494164

Ion Ratio Lower Upper

105 100

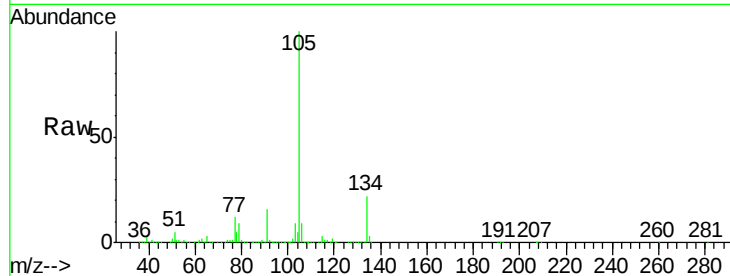
134 22.4 11.1 33.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2000000

1500000

1000000

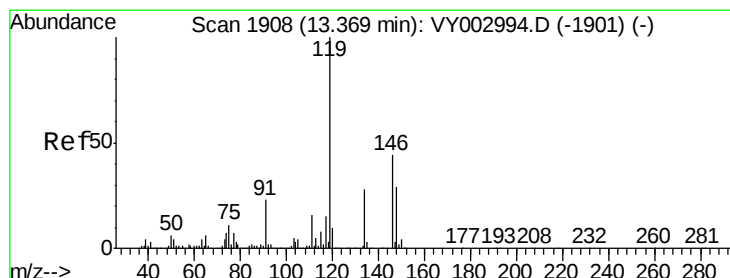
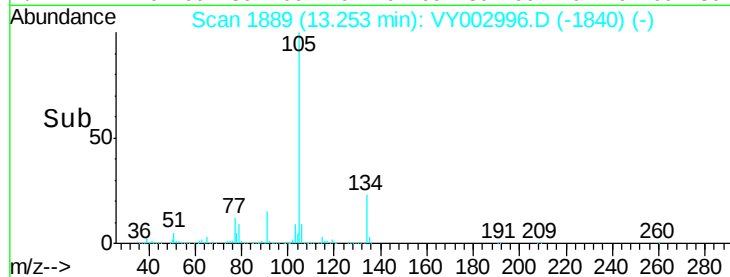
500000

0

13.25

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 133.322 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002996.D

Acq: 25 Jun 2020 13:20

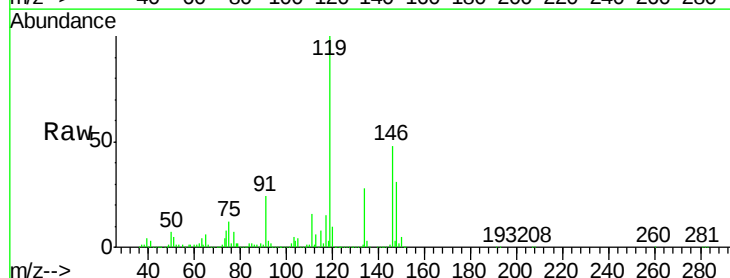
Tgt Ion:119 Resp: 2455926

Ion Ratio Lower Upper

119 100

134 27.8 13.8 41.4

91 23.4 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

2000000

1500000

1000000

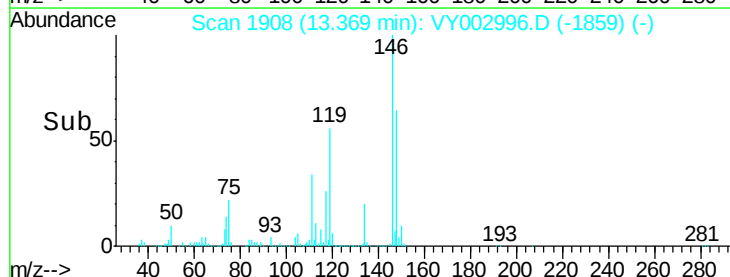
500000

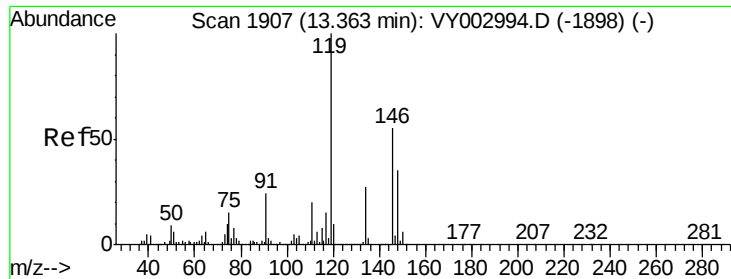
0

13.37

13.40

Time-->





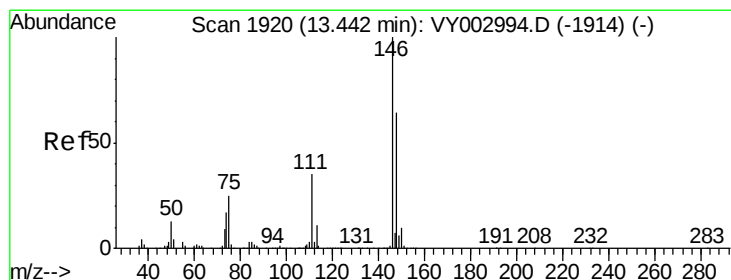
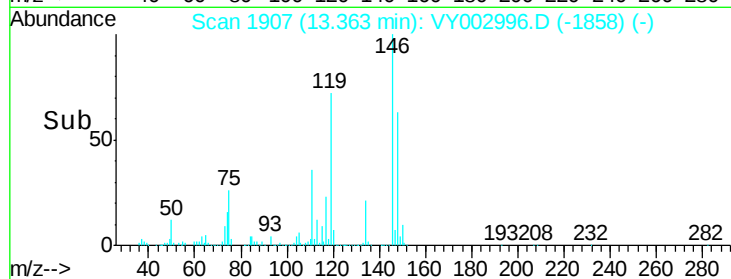
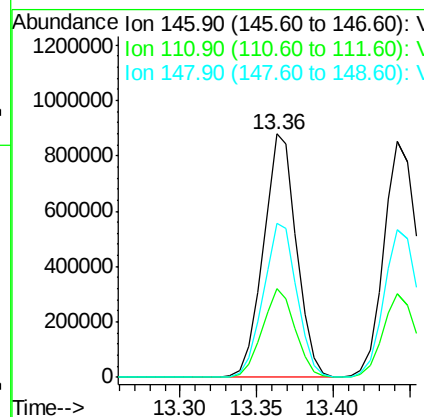
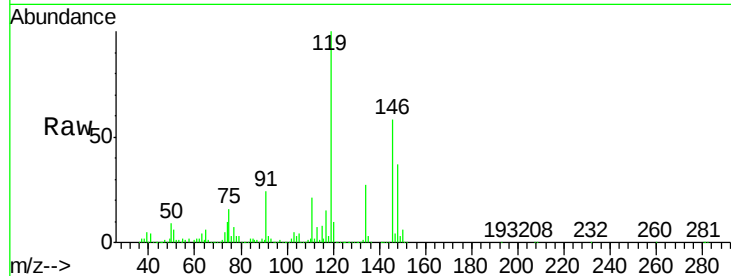
#87
 1,3-Dichlorobenzene
 Concen: 136.185 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.4	55.2
148	64.2	32.2	96.6

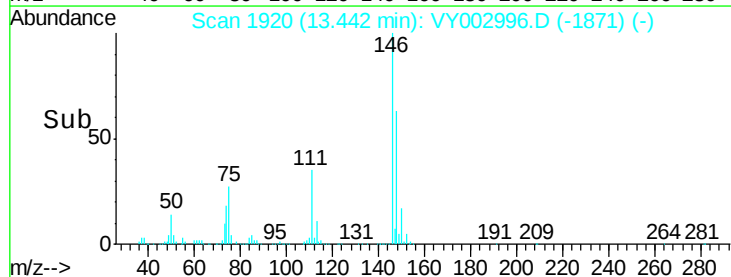
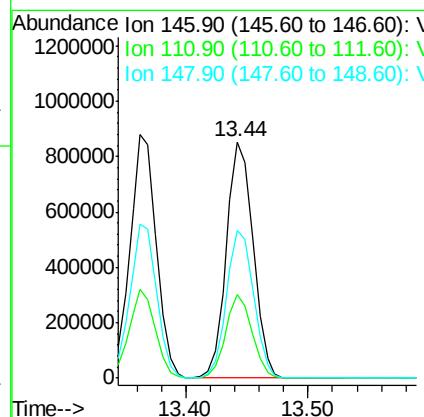
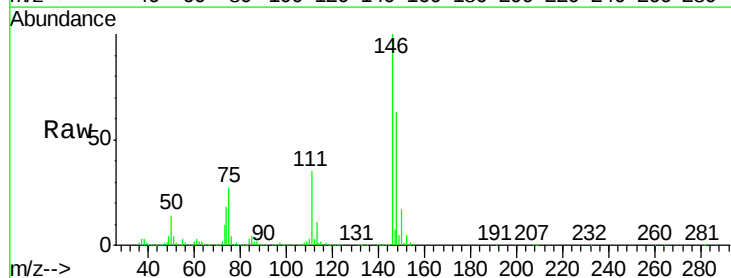
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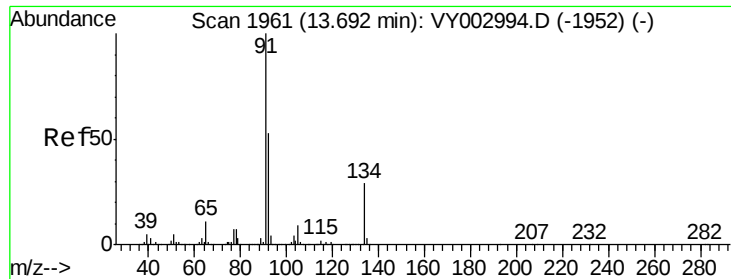
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#88
 1,4-Dichlorobenzene
 Concen: 135.316 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.7	17.8	53.4
148	63.4	32.3	96.8





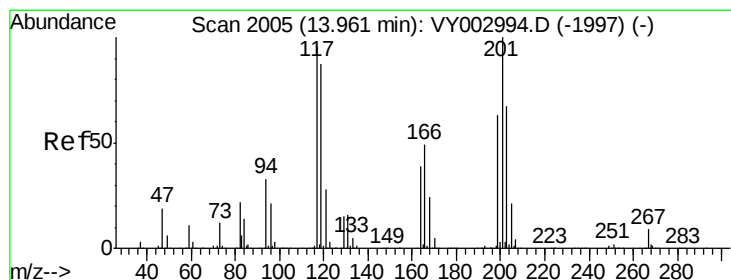
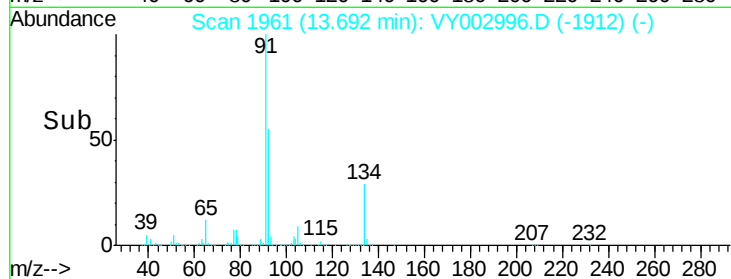
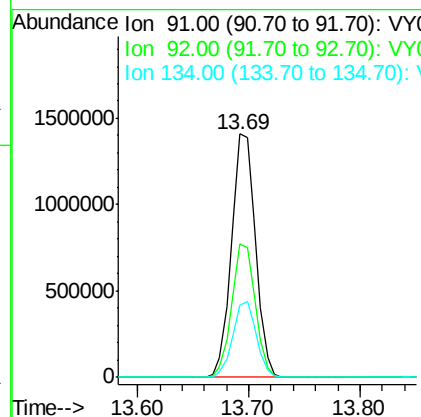
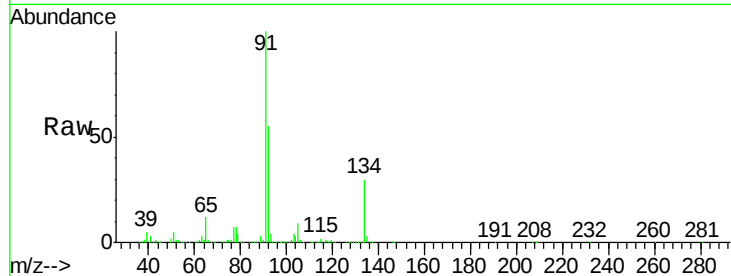
#89
n-Butylbenzene
Concen: 131.966 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.2	81.6
134	30.6	14.9	44.7

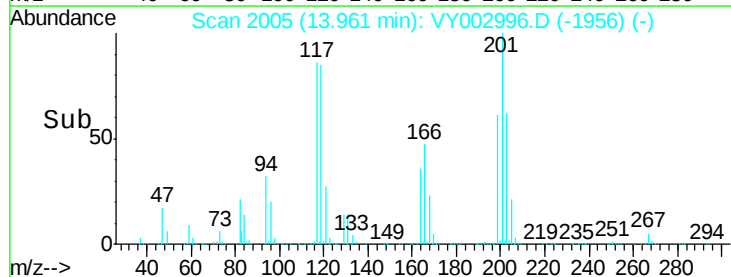
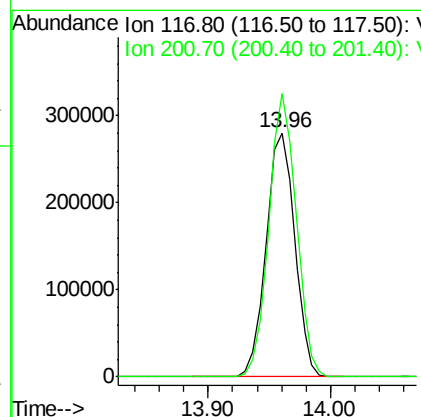
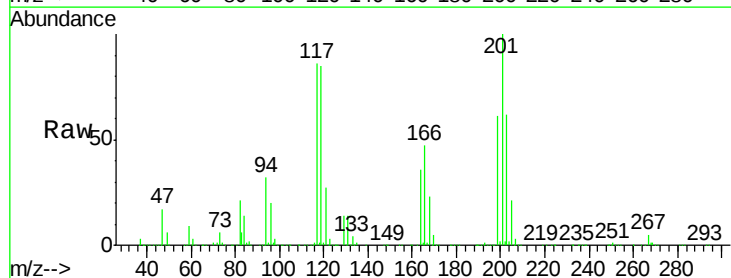
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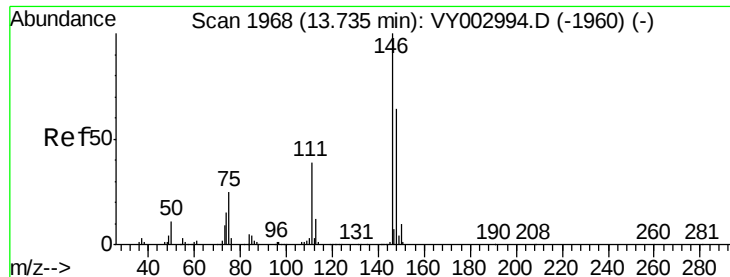
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#90
Hexachloroethane
Concen: 137.252 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	111.1	53.8	161.5





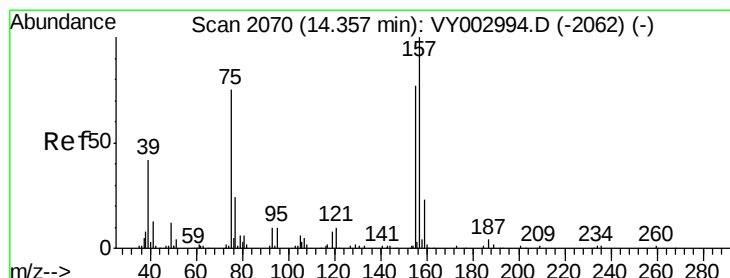
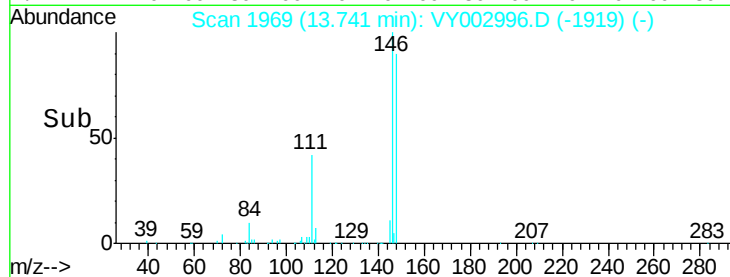
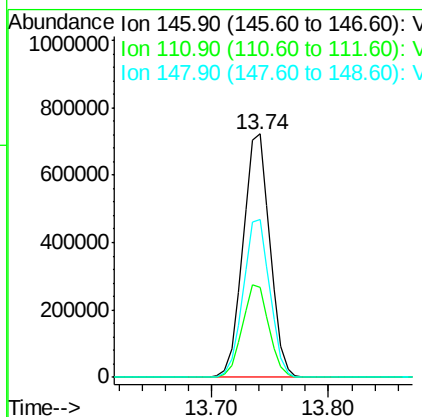
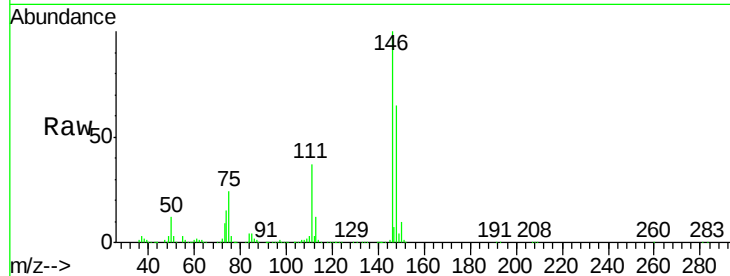
#91
 1,2-Dichlorobenzene
 Concen: 135.939 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	64.4	31.8	95.4

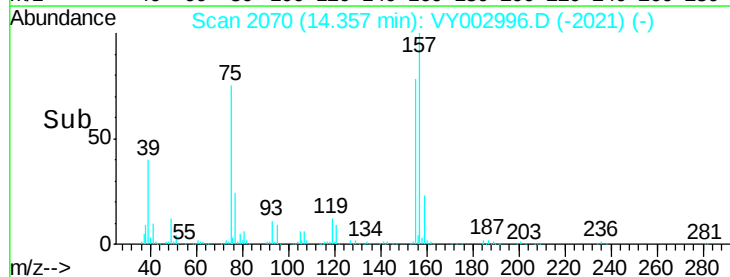
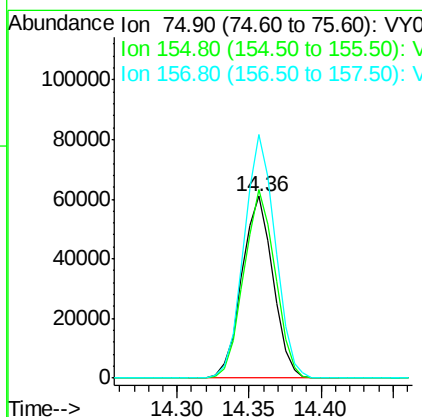
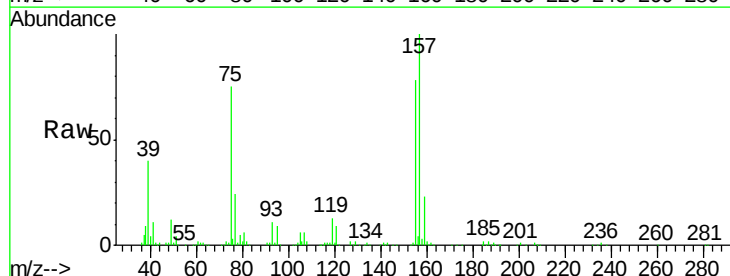
Manual Integrations
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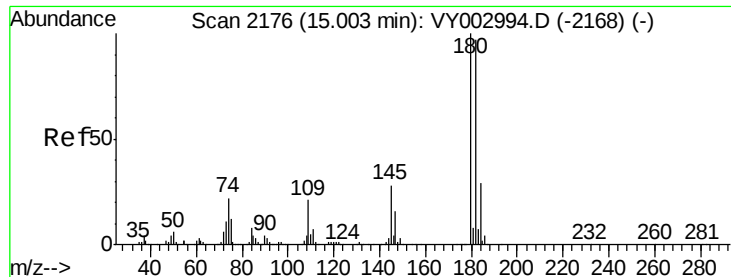
MMDadoda
 6/26/2020 11:22:20 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 148.934 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.9	51.3	153.9
157	134.0	65.0	195.1





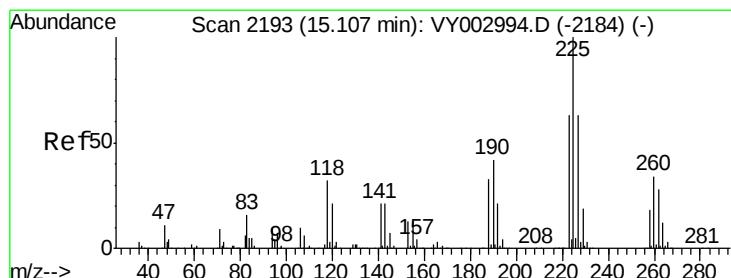
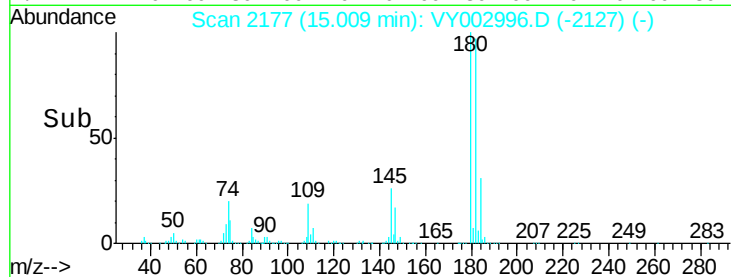
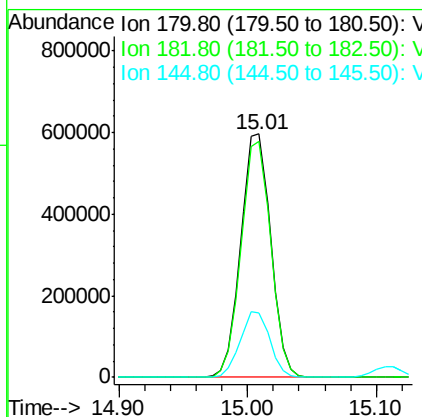
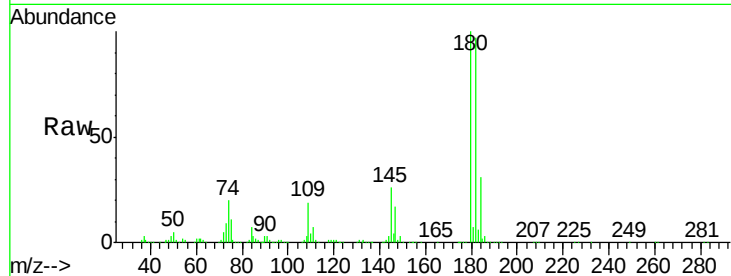
#93
 1,2,4-Trichlorobenzene
 Concen: 140.883 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	958321		
182	96.2	48.4	145.2	
145	26.8	13.5	40.5	

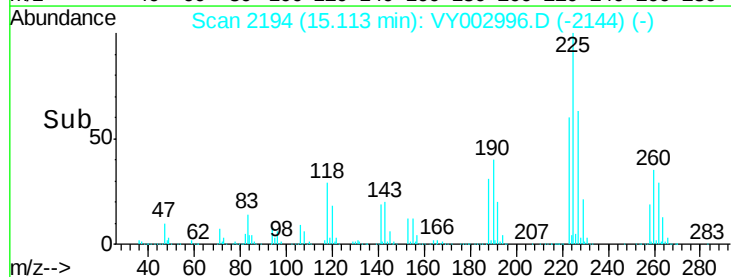
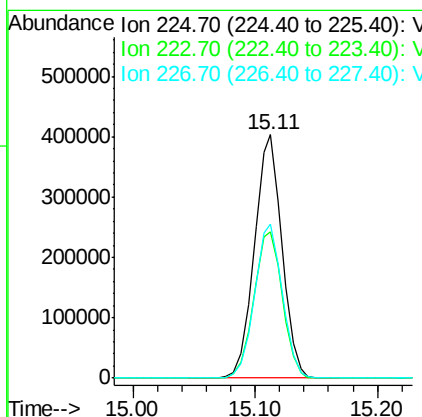
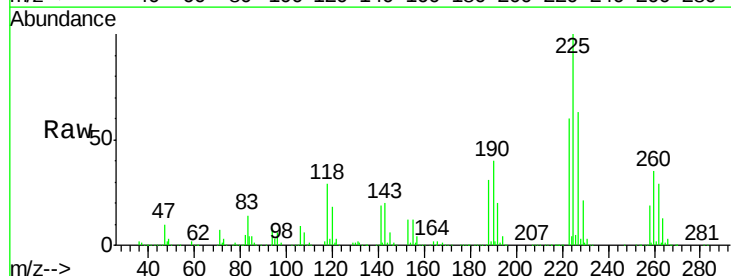
Manual Integrations
 APPROVED

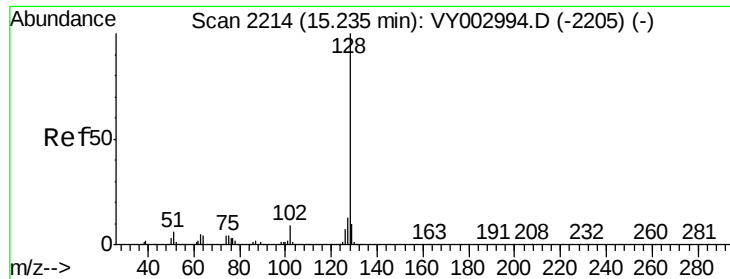
MMDadoda
 6/26/2020 11:22:20 AM



#94
 Hexachlorobutadiene
 Concen: 135.464 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY002996.D
 Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	630622		
223	62.4	31.6	94.8	
227	63.9	32.2	96.6	





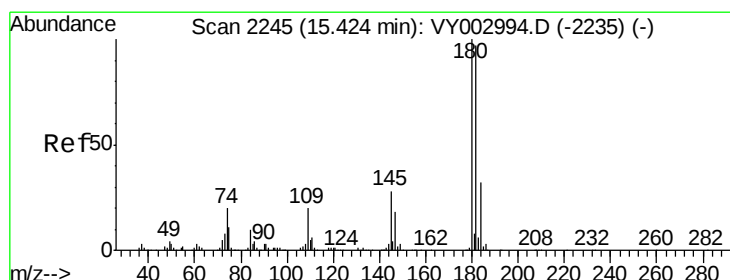
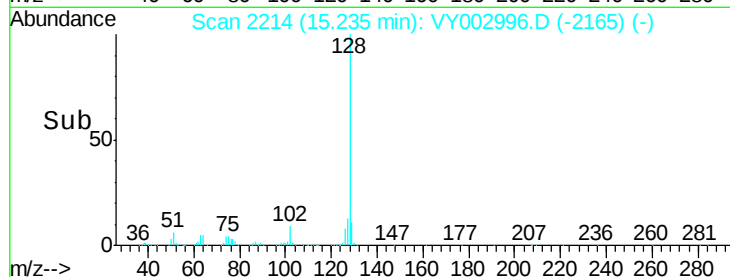
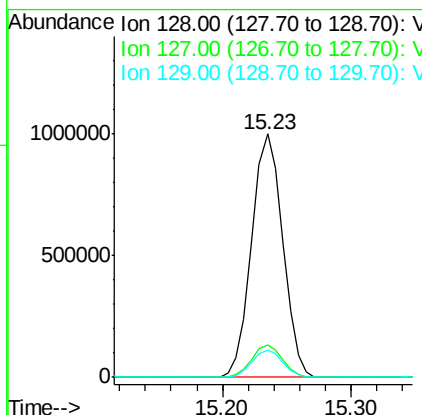
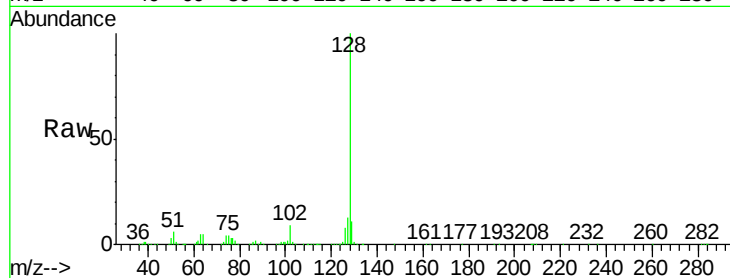
#95
Naphthalene
Concen: 149.090 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/26/2020 11:22:20 AM



#96
1,2,3-Trichlorobenzene
Concen: 142.956 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002996.D
Acq: 25 Jun 2020 13:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.1	141.4
145	28.2	14.0	42.0

