

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
 Data File : VY002992.D
 Acq On : 25 Jun 2020 11:48
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:22:12 AM

Quant Time: Jun 25 18:44:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 25 12:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	529257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	695145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	625686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	326345	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	44114	10.32	ug/l	0.00
Spiked Amount			Recovery	=	20.64%	
35) Dibromofluoromethane	7.72	113	41269	10.27	ug/l	0.00
Spiked Amount			Recovery	=	20.54%	
50) Toluene-d8	10.18	98	165509	10.45	ug/l	0.00
Spiked Amount			Recovery	=	20.90%	
62) 4-Bromofluorobenzene	12.48	95	58475	10.59	ug/l	0.00
Spiked Amount			Recovery	=	21.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	29820	8.963	ug/l	100
3) Chloromethane	2.12	50	44061	11.312	ug/l	97
4) Vinyl Chloride	2.26	62	44141	10.664	ug/l	95
5) Bromomethane	2.65	94	30694	10.080	ug/l	97
6) Chloroethane	2.80	64	28111	10.538	ug/l	98
7) Trichlorofluoromethane	3.13	101	81057	10.755	ug/l	93
8) Diethyl Ether	3.53	74	24745	9.415	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	42820	9.610	ug/l	98
10) Methyl Iodide	4.10	142	59650	9.790	ug/l	99
11) Tert butyl alcohol	4.97	59	24465	46.602	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	43451	9.884	ug/l	94
13) Acrolein	3.74	56	23534	53.830	ug/l	98
14) Allyl chloride	4.49	41	67647	10.457	ug/l	99
15) Acrylonitrile	5.18	53	57465	45.731	ug/l	98
16) Acetone	3.96	43	49252	46.313	ug/l	96
17) Carbon Disulfide	4.20	76	130263	10.039	ug/l	100
18) Methyl Acetate	4.49	43	25125	7.959	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	121644	10.160	ug/l	96
20) Methylene Chloride	4.72	84	65854	9.512	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	47311	9.774	ug/l	96
22) Diisopropyl ether	6.13	45	137870	10.613	ug/l	98
23) Vinyl Acetate	6.07	43	458229	54.381	ug/l	99
24) 1,1-Dichloroethane	6.02	63	77821	10.163	ug/l	96
25) 2-Butanone	6.99	43	77316	48.619	ug/l	95
26) 2,2-Dichloropropane	6.99	77	81669	11.255	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	53748	9.969	ug/l	98
28) Bromochloromethane	7.34	49	29401	9.313	ug/l	98
29) Tetrahydrofuran	7.36	42	50769	49.163	ug/l	98
30) Chloroform	7.52	83	83598	10.415	ug/l	100
31) Cyclohexane	7.79	56	76631	10.345	ug/l #	92
32) 1,1,1-Trichloroethane	7.71	97	81152	10.896	ug/l	99
36) 1,1-Dichloropropene	7.92	75	66913	11.398	ug/l	99
37) Ethyl Acetate	7.08	43	37234	11.355	ug/l	96
38) Carbon Tetrachloride	7.91	117	76075	11.465	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	78761	10.537	ug/l	98
40) Benzene	8.17	78	180602	10.743	ug/l	98
41) Methacrylonitrile	7.33	41	24182m	15.172	ug/l	
42) 1,2-Dichloroethane	8.25	62	57499	11.944	ug/l	97
43) Isopropyl Acetate	8.28	43	65726	11.144	ug/l	99
44) Trichloroethene	8.94	130	58658	11.151	ug/l	99
45) 1,2-Dichloropropane	9.22	63	43848	10.876	ug/l	93
46) Dibromomethane	9.31	93	25619	10.589	ug/l	98
47) Bromodichloromethane	9.50	83	66315	11.607	ug/l	100
48) Methyl methacrylate	9.29	41	30898	11.592	ug/l	97
49) 1,4-Dioxane	9.30	88	6121	178.257	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	167673	51.765	ug/l	99
52) Toluene	10.24	92	124862	11.104	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	67468	10.508	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	76088	10.549	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	37779	10.253	ug/l	97
56) Ethyl methacrylate	10.51	69	50264	10.004	ug/l	95
57) 1,3-Dichloropropane	10.79	76	63808	10.269	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	108283	44.373	ug/l	99
59) 2-Hexanone	10.83	43	113390	50.170	ug/l	99
60) Dibromochloromethane	10.99	129	48910	10.223	ug/l	99
61) 1,2-Dibromoethane	11.09	107	37063	10.134	ug/l	95
64) Tetrachloroethene	10.72	164	61478	11.604	ug/l	98
65) Chlorobenzene	11.52	112	130548	10.940	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.59	131	53474	11.759	ug/l	98
67) Ethyl Benzene	11.59	91	231151	11.239	ug/l	98
68) m/p-Xylenes	11.70	106	178493	22.388	ug/l	100
69) o-Xylene	12.03	106	86229	11.471	ug/l	99
70) Styrene	12.04	104	146623	11.292	ug/l	99
71) Bromoform	12.20	173	36106	11.699	ug/l #	98
73) Isopropylbenzene	12.33	105	236149	11.884	ug/l	100
74) N-amyl acetate	12.14	43	63433	12.168	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	40001	10.864	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	32358m	11.459	ug/l	
77) Bromobenzene	12.61	156	63971	12.133	ug/l	99
78) n-propylbenzene	12.67	91	273016	11.849	ug/l	99
79) 2-Chlorotoluene	12.75	91	155373	12.027	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	201760	12.092	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16032	10.990	ug/l	97
82) 4-Chlorotoluene	12.85	91	164528	12.107	ug/l	100
83) tert-Butylbenzene	13.08	119	180535	12.018	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	209643	12.493	ug/l	99
85) sec-Butylbenzene	13.25	105	241678	12.010	ug/l	100
86) p-Isopropyltoluene	13.37	119	208510	10.993	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	111064	11.267	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	105674	10.643	ug/l	96
89) n-Butylbenzene	13.69	91	176108	10.234	ug/l	99
90) Hexachloroethane	13.96	117	37199	10.564	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	94374	10.474	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6929	10.228	ug/l	99

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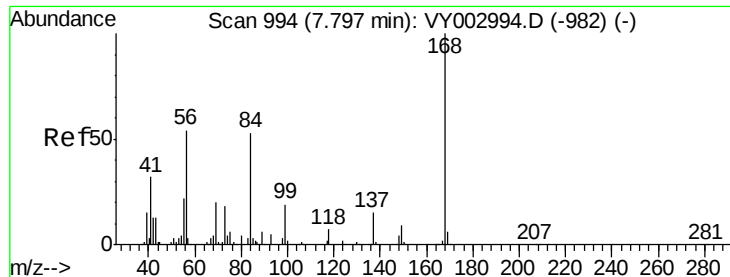
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	77505	11.614	ug/l	99
94) Hexachlorobutadiene	15.11	225	54429	13.655	ug/l	99
95) Naphthalene	15.23	128	125236	9.655	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	66939	11.187	ug/l	97

(#) = 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: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 529257

Ion Ratio Lower Upper

168 100

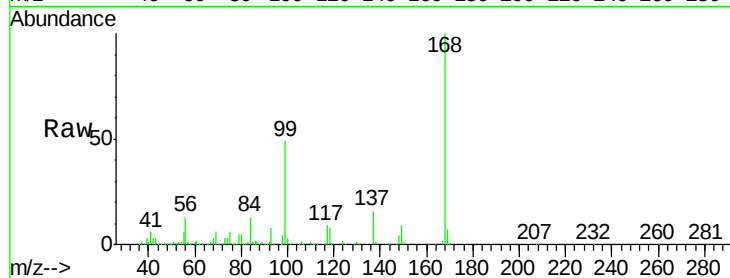
99 49.2 38.2 57.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

250000

200000

150000

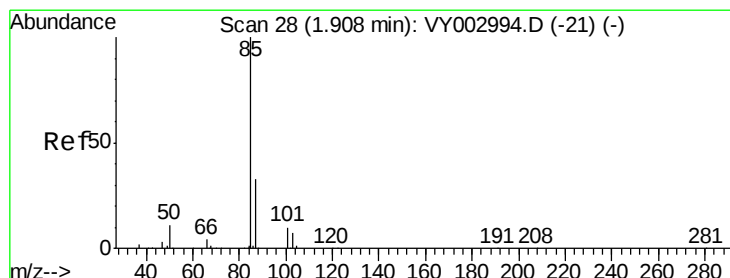
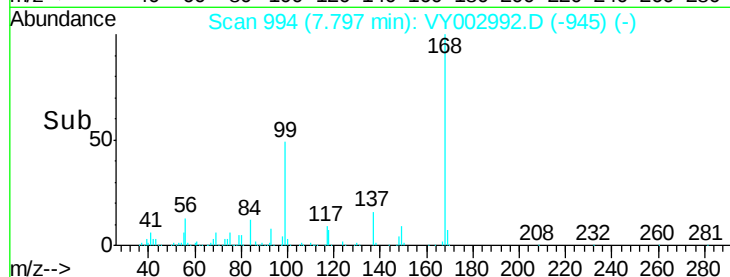
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 8.963 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002992.D

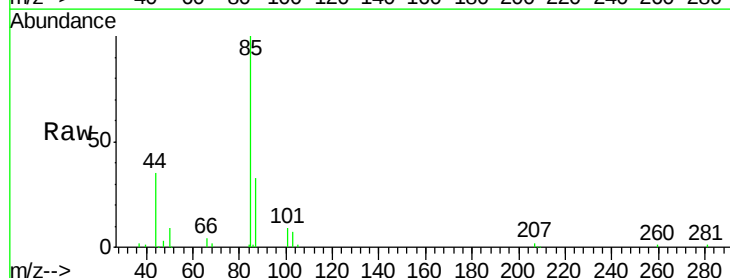
Acq: 25 Jun 2020 11:48

Tgt Ion: 85 Resp: 29820

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

20000

15000

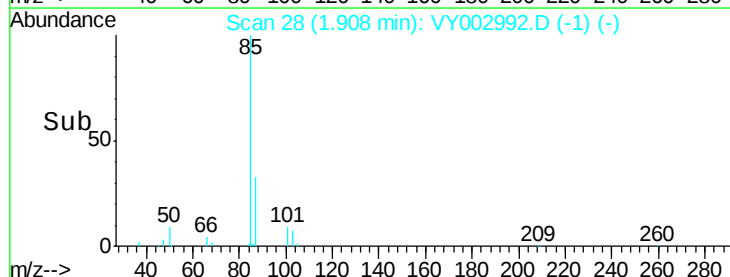
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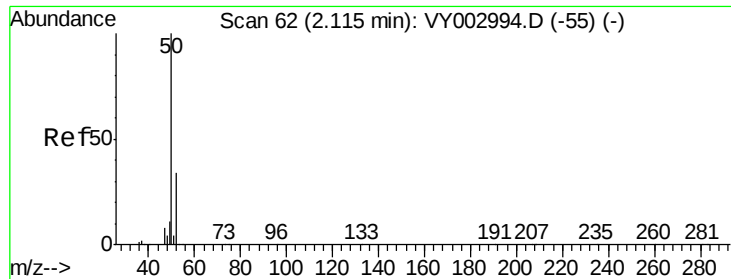
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 11.312 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 44061

Ion Ratio Lower Upper

50 100

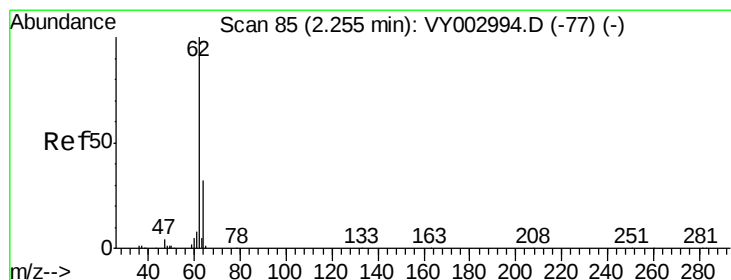
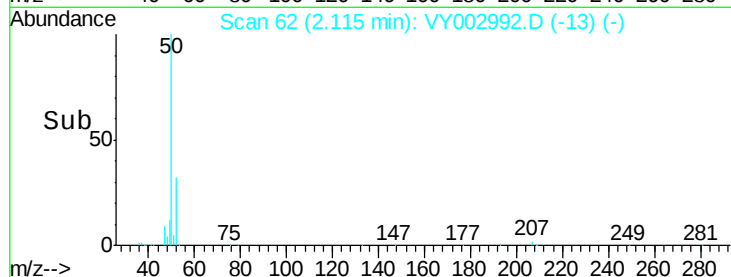
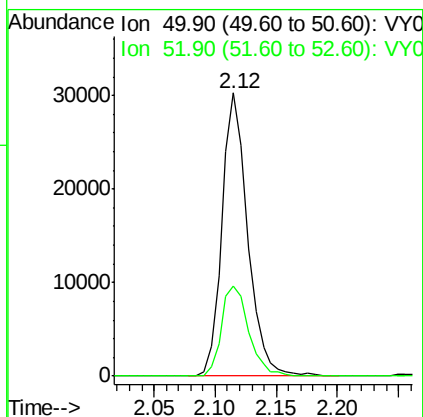
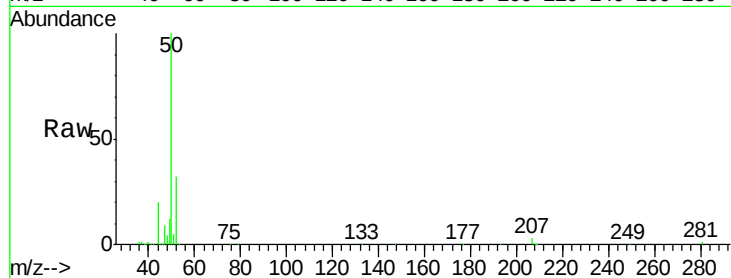
52 32.0 27.1 40.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 10.664 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002992.D

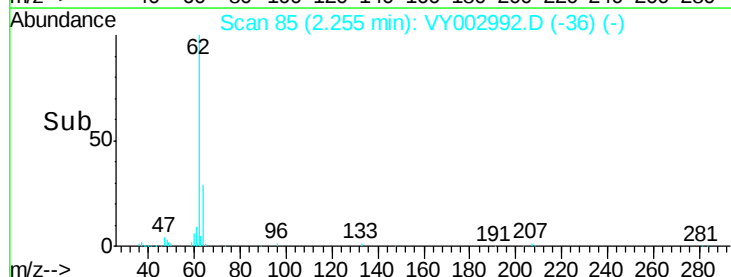
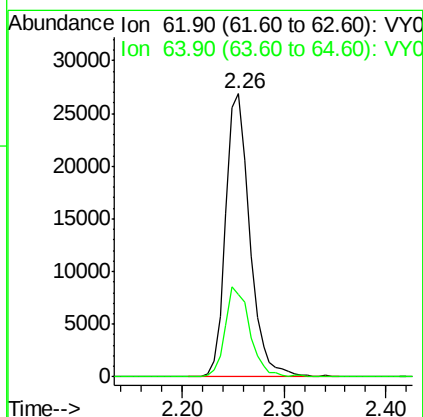
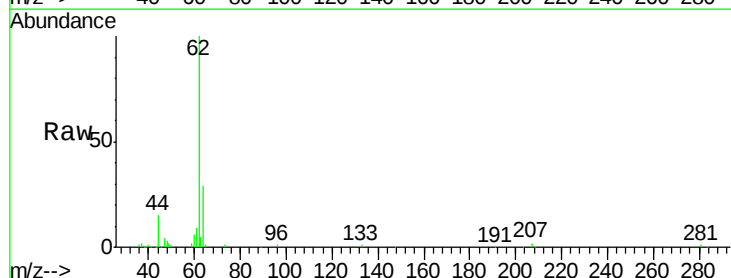
Acq: 25 Jun 2020 11:48

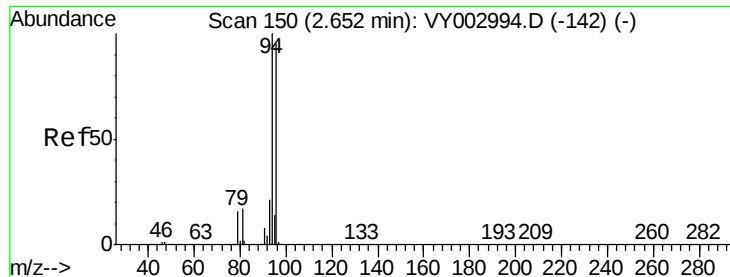
Tgt Ion: 62 Resp: 44141

Ion Ratio Lower Upper

62 100

64 29.2 25.5 38.3





#5

Bromomethane

Concen: 10.080 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 30694

Ion Ratio Lower Upper

94 100

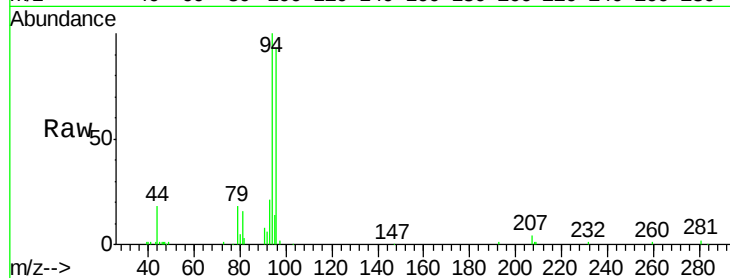
96 92.9 76.3 114.5

Manual Integrations

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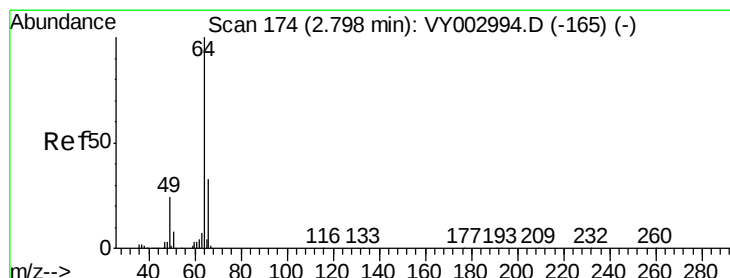
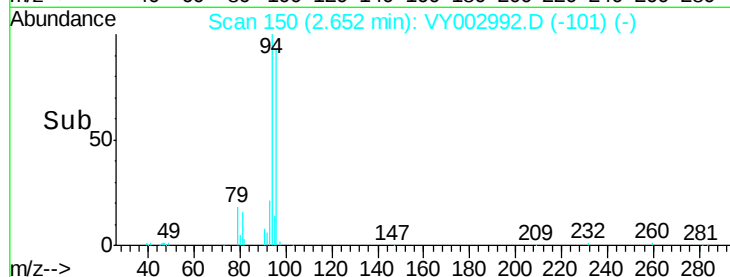
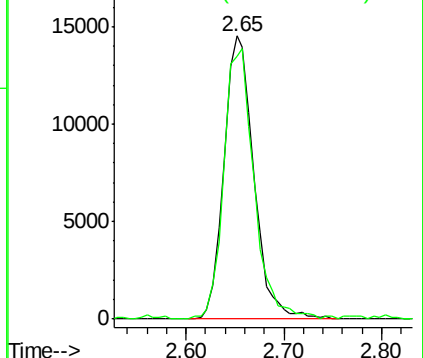
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 10.538 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY002992.D

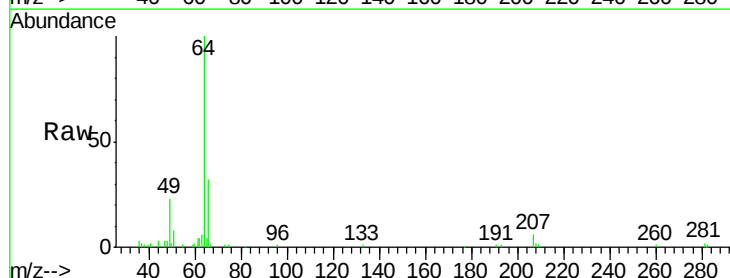
Acq: 25 Jun 2020 11:48

Tgt Ion: 64 Resp: 28111

Ion Ratio Lower Upper

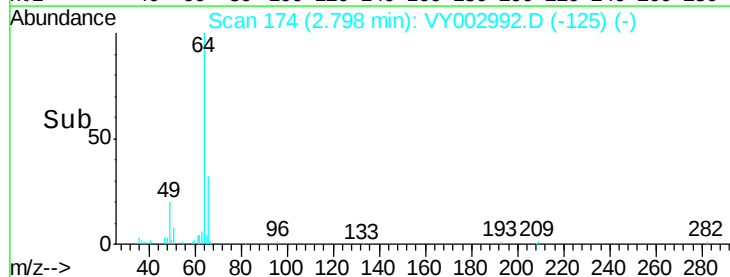
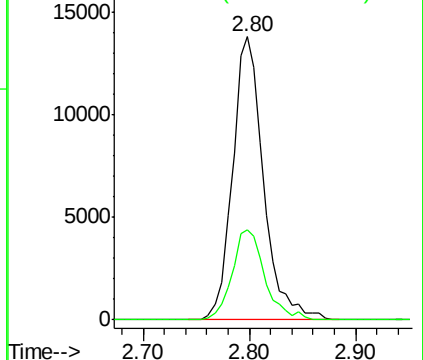
64 100

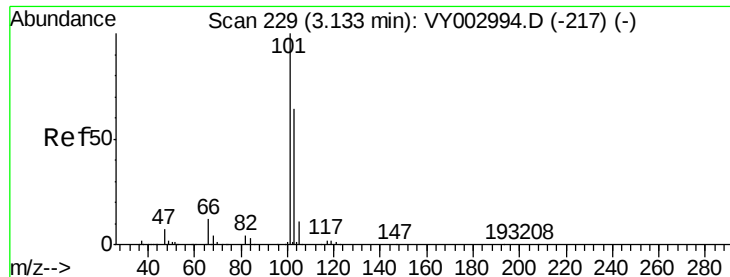
66 32.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

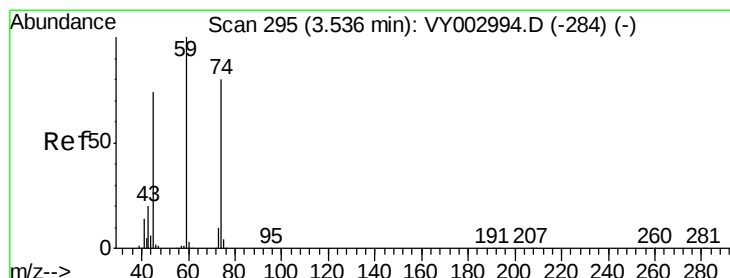
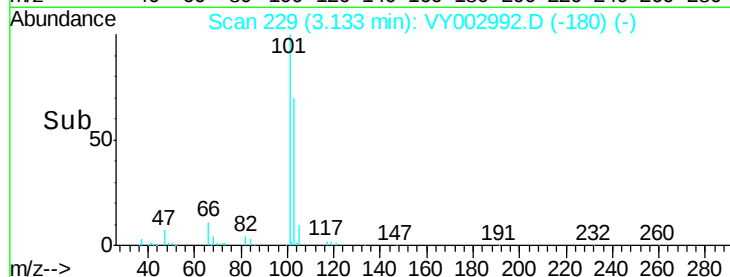
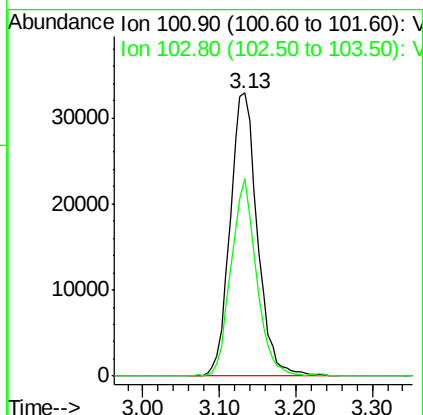
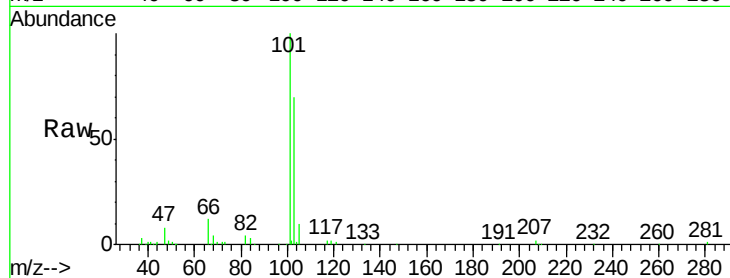
Trichlorofluoromethane
Concen: 10.755 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

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Tot Ion	Ratio	Lower	Upper
101	100		
103	69.7	51.3	76.9

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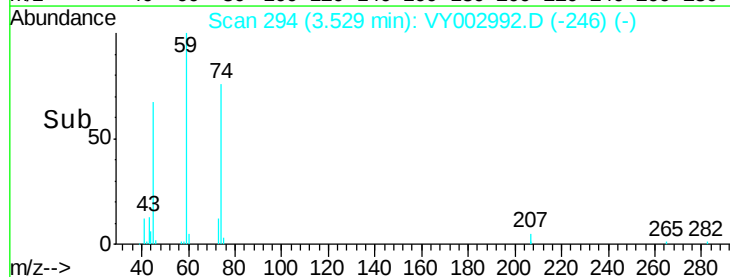
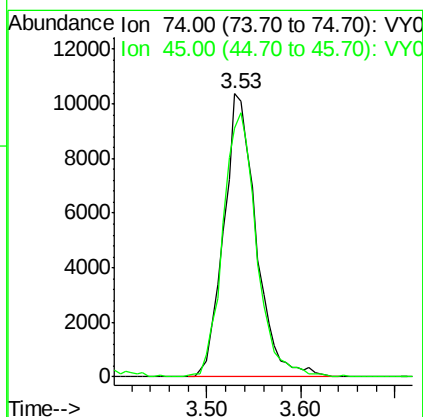
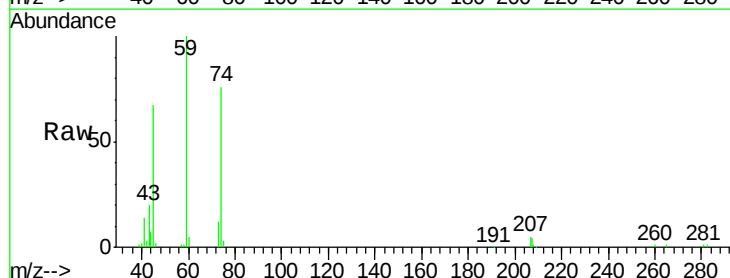
MMDadoda
6/26/2020 11:22:12 AM

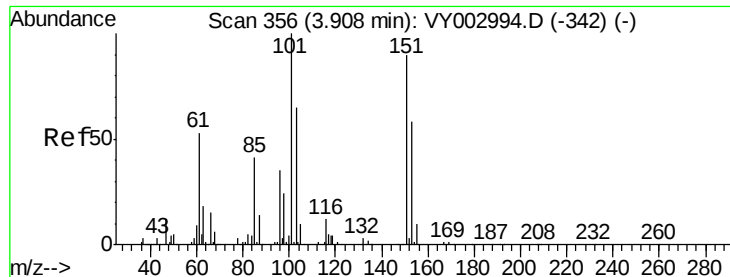


#8

Diethyl Ether
Concen: 9.415 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	47.6	142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.610 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002992.D

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Instrument :

MSVOA_Y

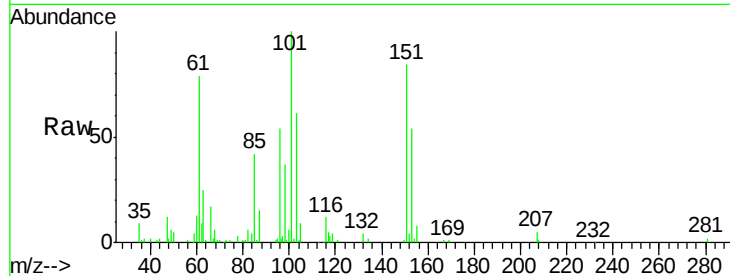
ClientSampleId :

VSTDIC010

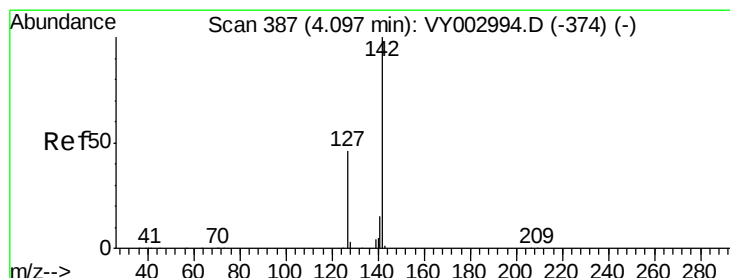
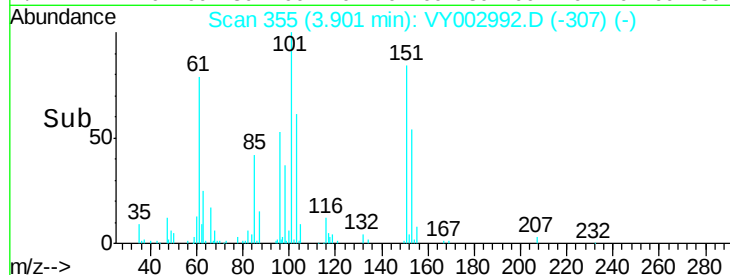
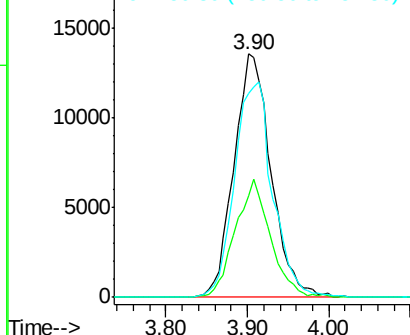
Tot Ion:	101	Resp:	42820
Ion Ratio	Lower	Upper	
101	100		
85	45.9	35.0	52.4
151	91.0	72.2	108.4

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.790 ug/l

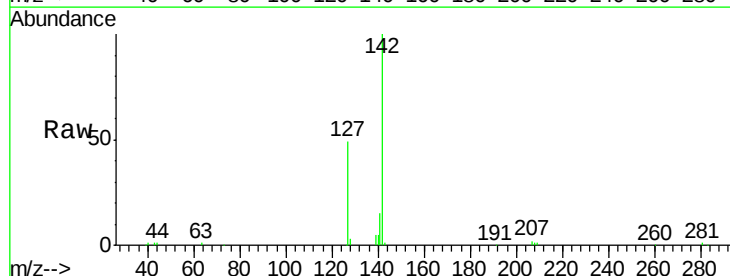
RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

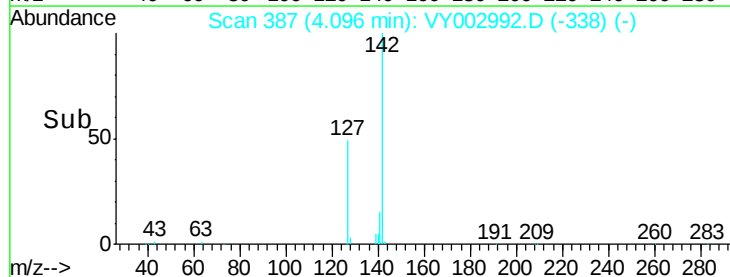
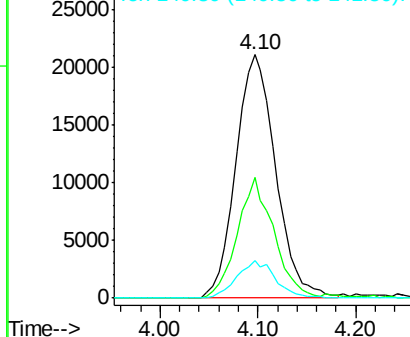
Lab File: VY002992.D

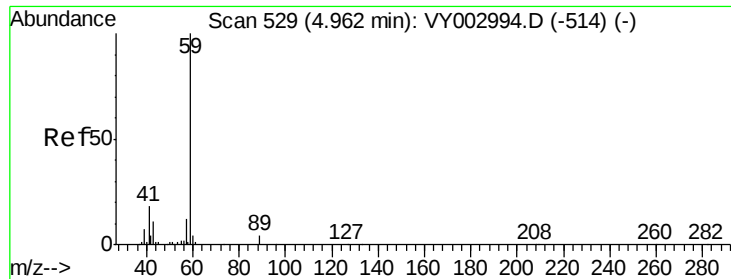
Acq: 25 Jun 2020 11:48

Tgt Ion:	142	Resp:	59650
Ion Ratio	Lower	Upper	
142	100		
127	45.4	35.8	53.8
141	15.0	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





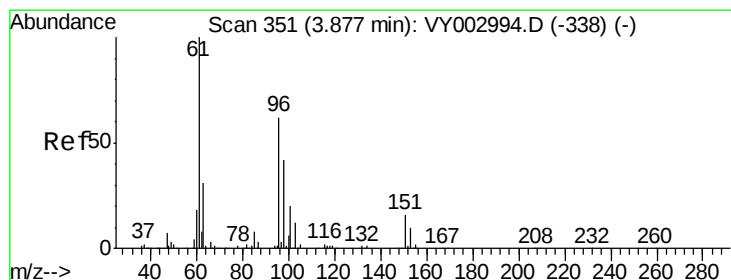
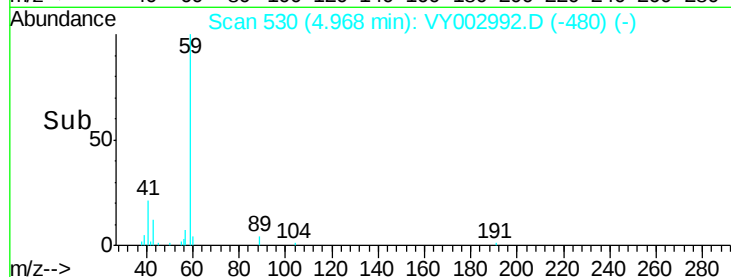
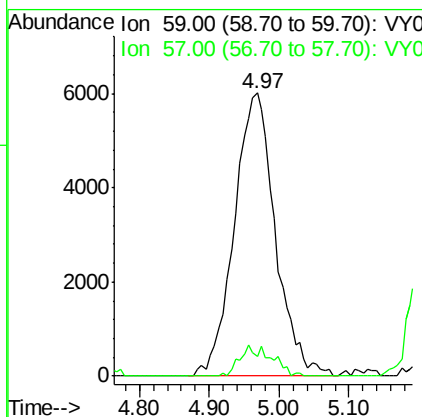
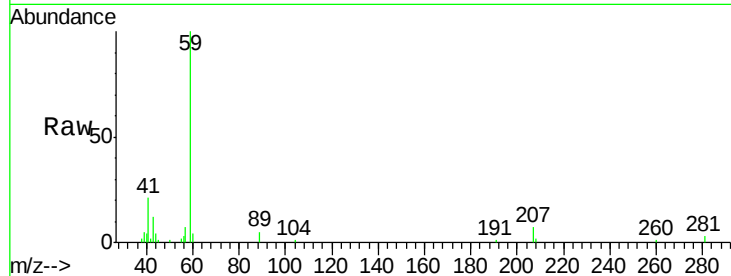
#11
Tert butyl alcohol
Concen: 46.602 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.4	8.4	12.6#

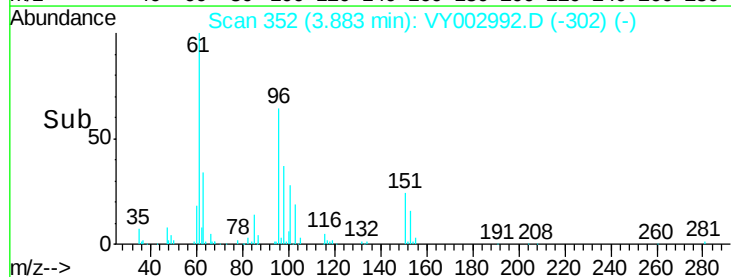
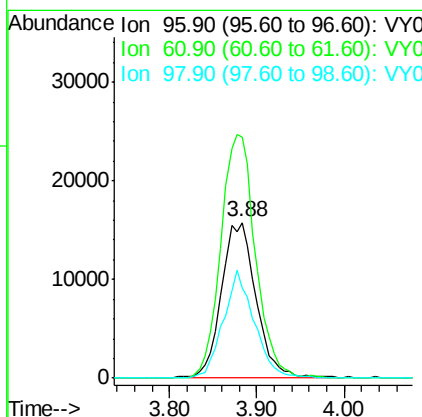
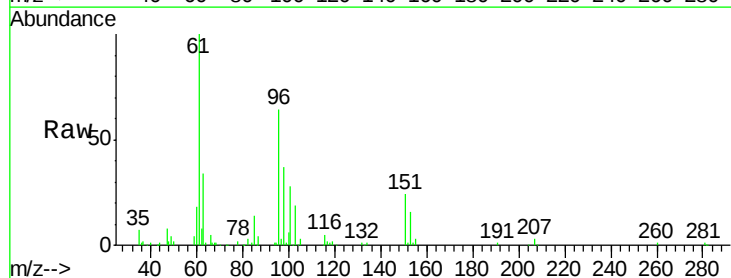
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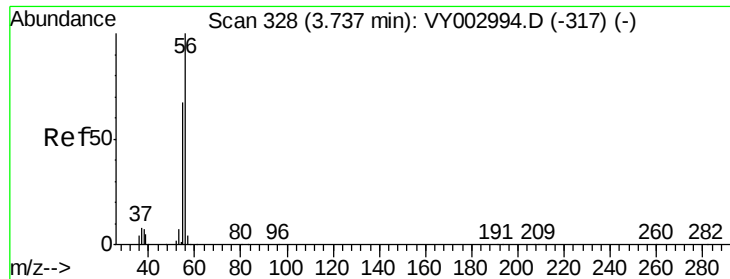
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#12
1,1-Dichloroethene
Concen: 9.884 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.3	128.1	192.1
98	58.2	53.5	80.3





#13

Acrolein

Concen: 53.830 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 23534

Ion Ratio Lower Upper

56 100

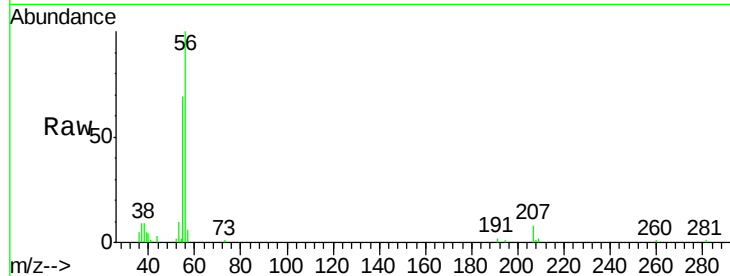
55 73.0 57.0 85.4

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

8000

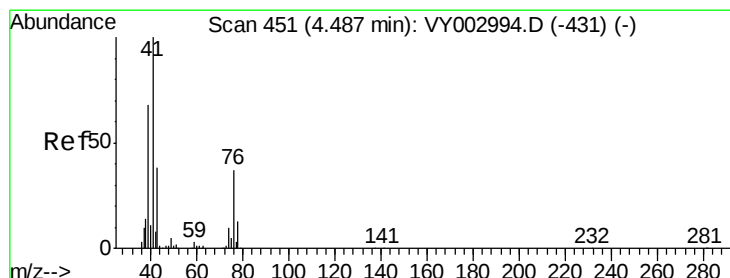
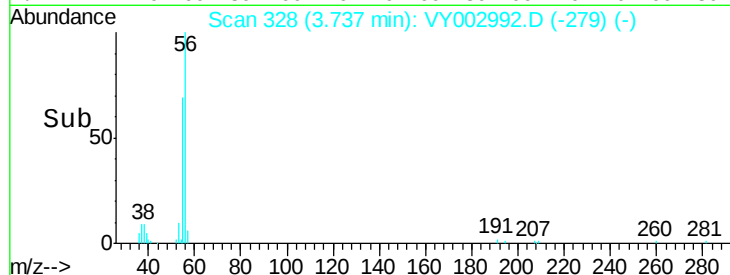
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 10.457 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

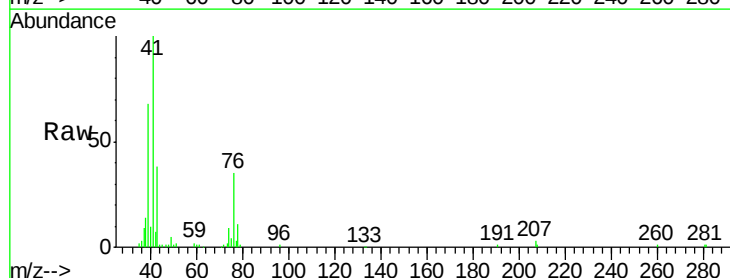
Tgt Ion: 41 Resp: 67647

Ion Ratio Lower Upper

41 100

39 67.2 53.1 79.7

76 36.9 30.0 45.0



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

30000

25000

20000

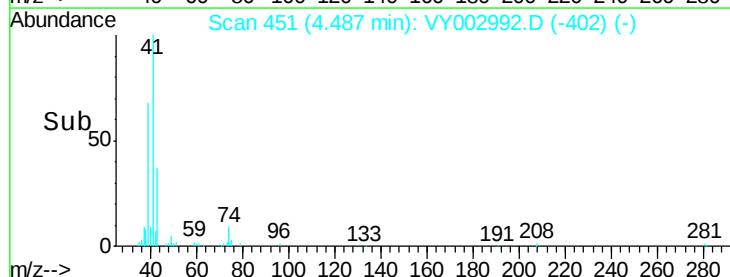
15000

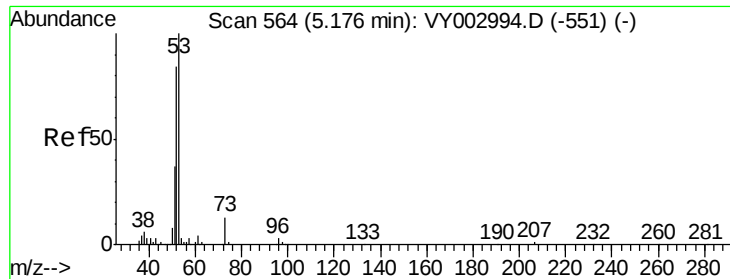
10000

5000

0

Time-->





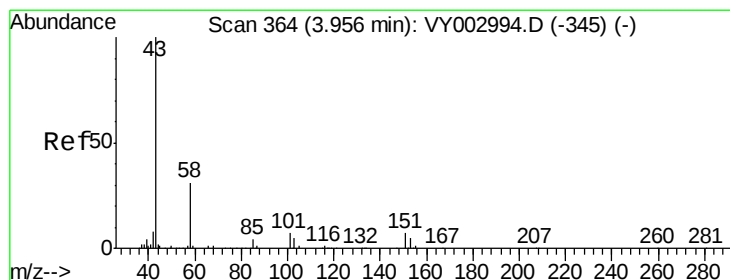
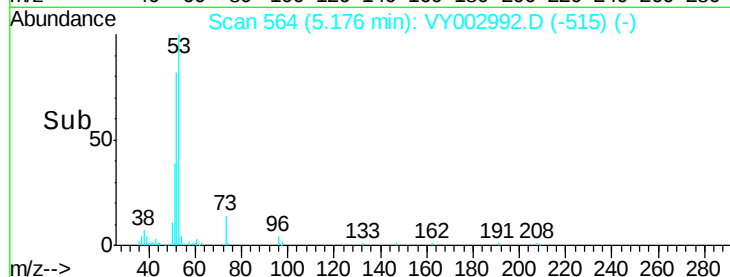
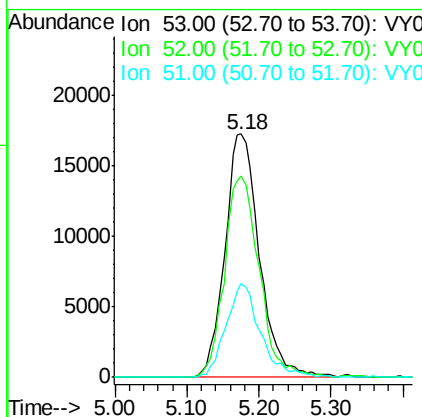
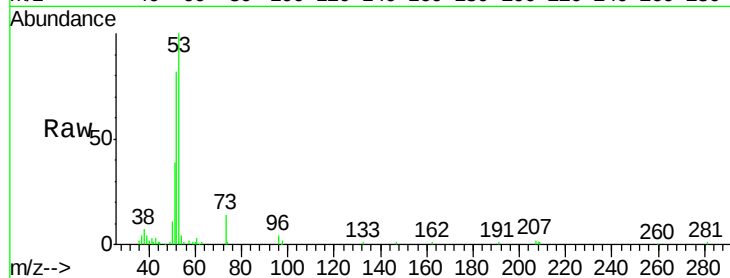
#15
 Acrylonitrile
 Concen: 45.731 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.0	68.0	102.0
51	38.2	29.8	44.8

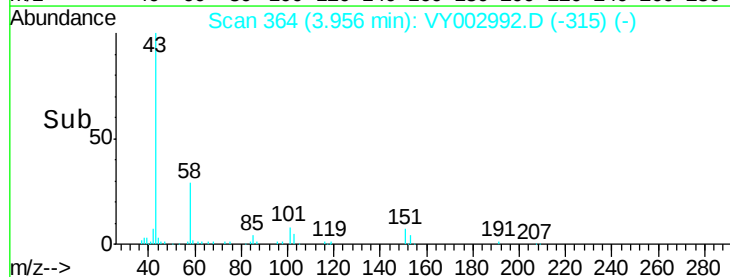
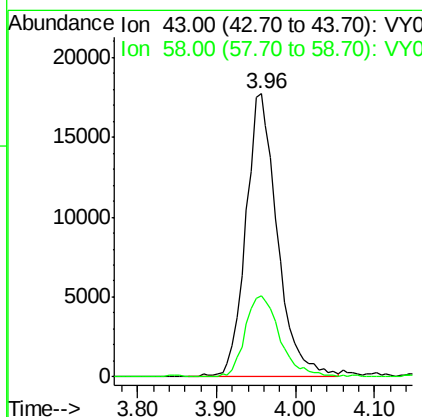
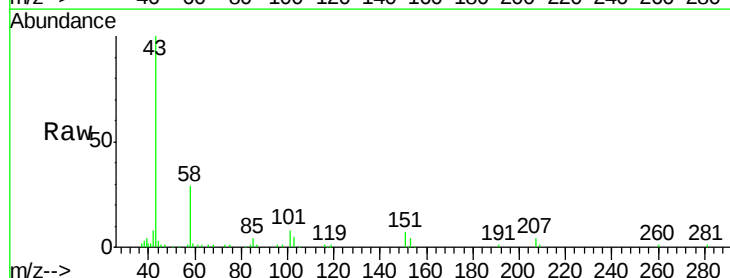
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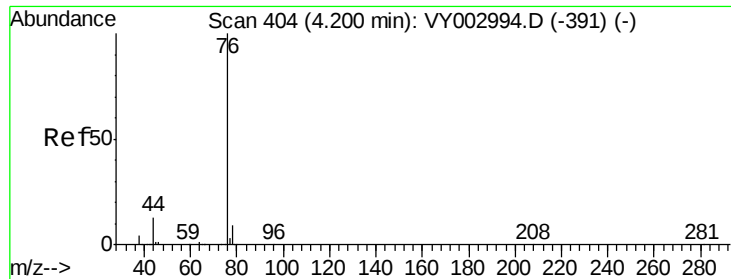
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#16
 Acetone
 Concen: 46.313 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.6	24.4	36.6





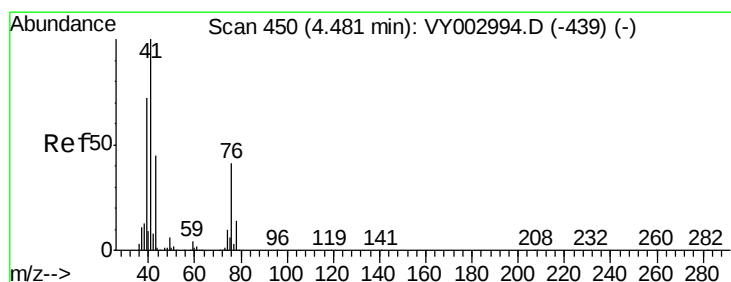
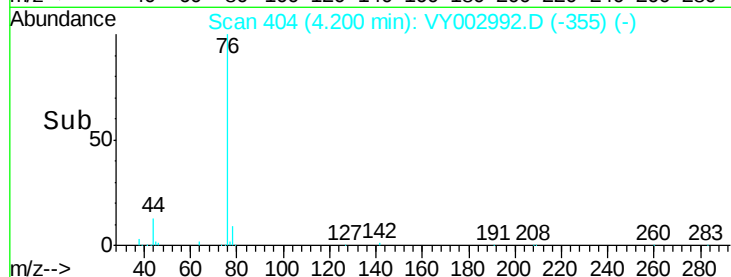
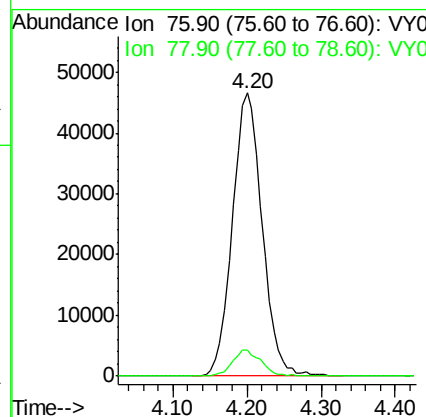
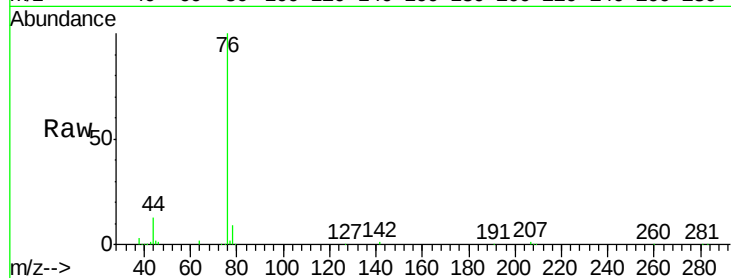
#17
Carbon Disulfide
Concen: 10.039 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

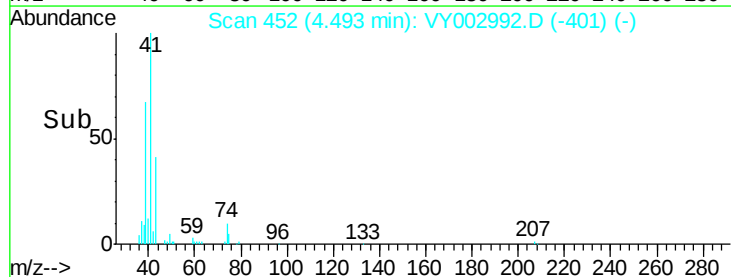
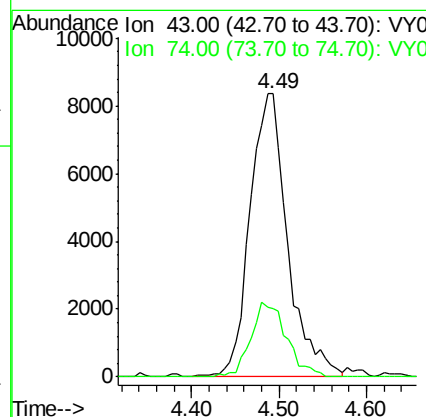
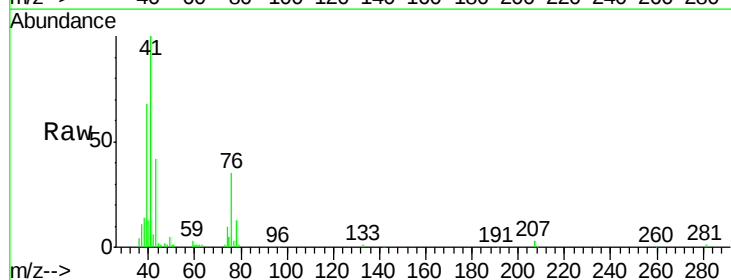
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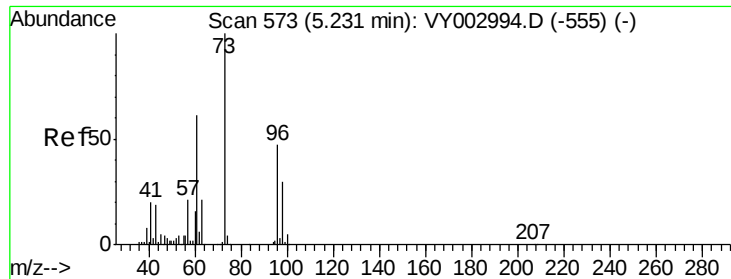
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#18
Methyl Acetate
Concen: 7.959 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.8	29.6





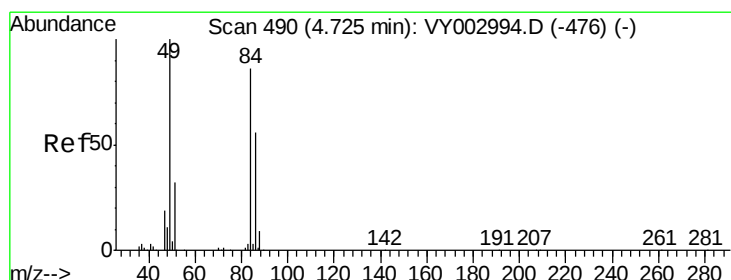
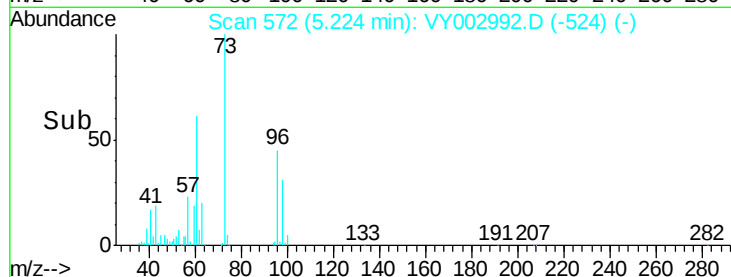
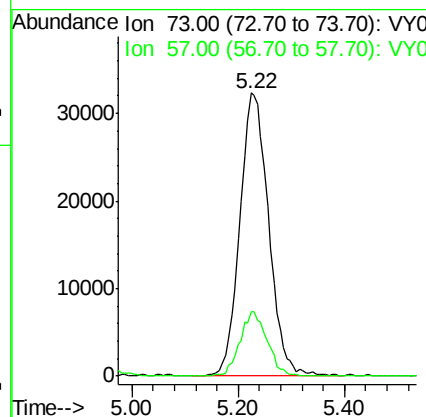
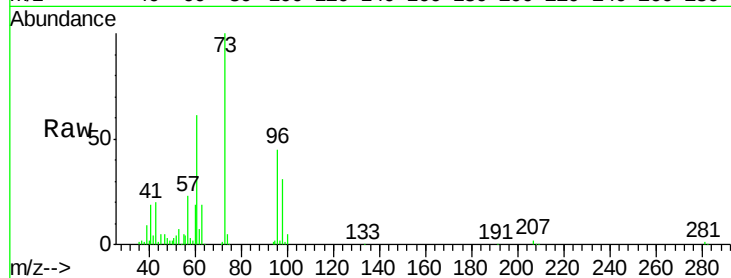
#19
Methvl tert-butvl Ether
Concen: 10.160 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 73 Resp: 121644
Ion Ratio Lower Upper
73 100
57 23.0 17.0 25.4

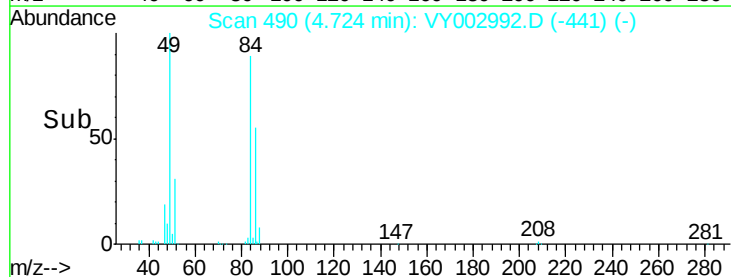
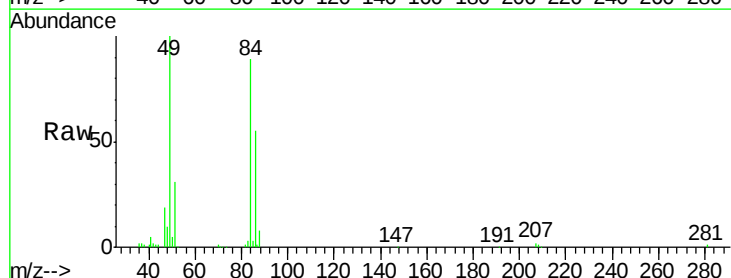
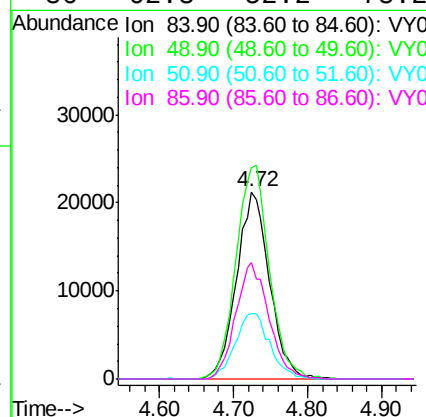
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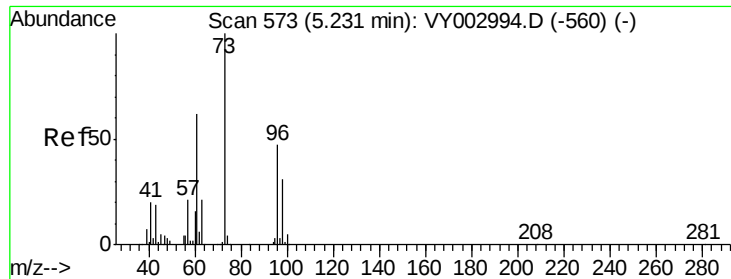
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#20
Methylene Chloride
Concen: 9.512 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion: 84 Resp: 65854
Ion Ratio Lower Upper
84 100
49 112.7 92.6 138.8
51 34.9 29.8 44.8
86 62.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 9.774 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

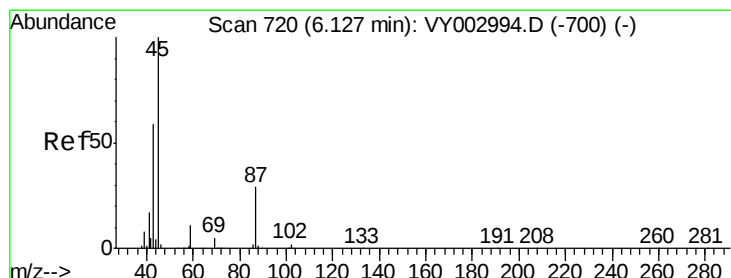
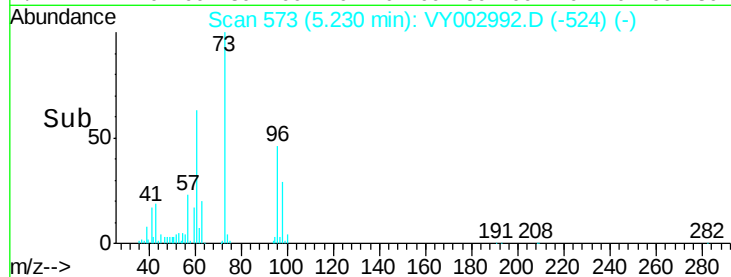
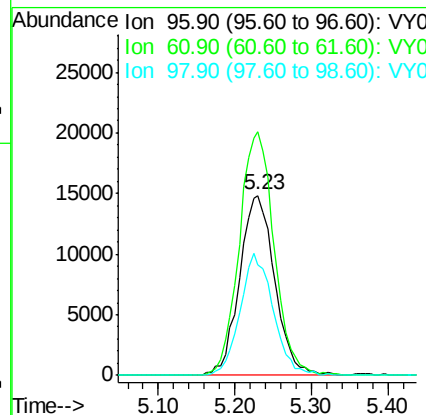
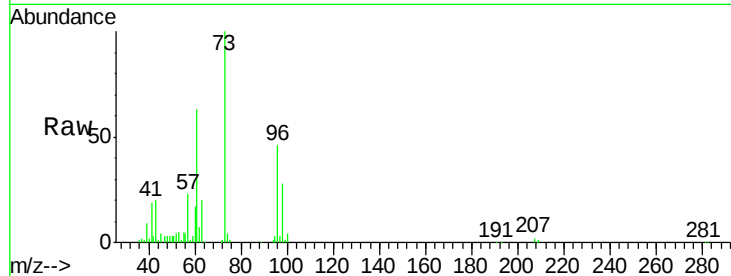
ClientSampleId :

VSTDIC010

Tot Ion:	96	Resp:	47311
Ion	Ratio	Lower	Upper
96	100		
61	135.5	104.0	156.0
98	61.6	51.6	77.4

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#22

Diisopropyl ether

Concen: 10.613 ug/l

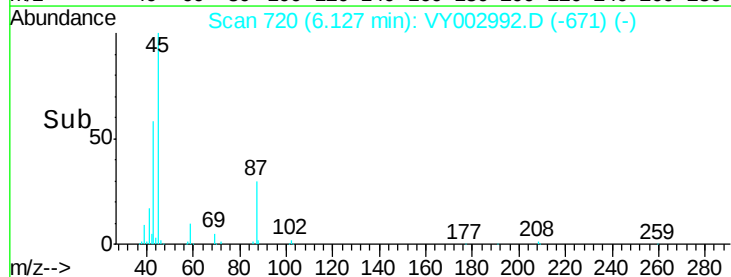
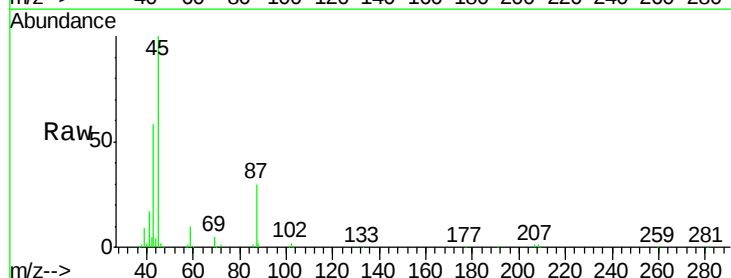
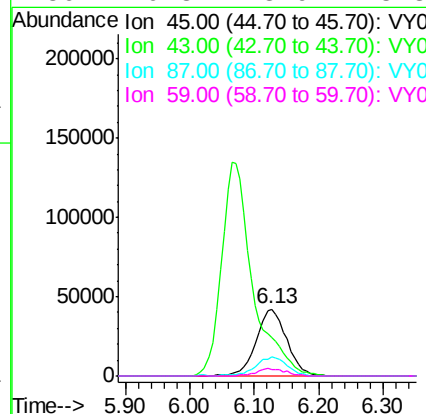
RT: 6.13 min Scan# 720

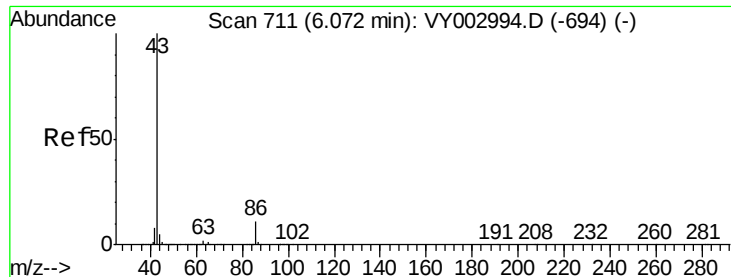
Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Tgt Ion:	45	Resp:	137870
Ion	Ratio	Lower	Upper
45	100		
43	57.3	47.5	71.3
87	29.5	23.3	34.9
59	10.3	8.9	13.3





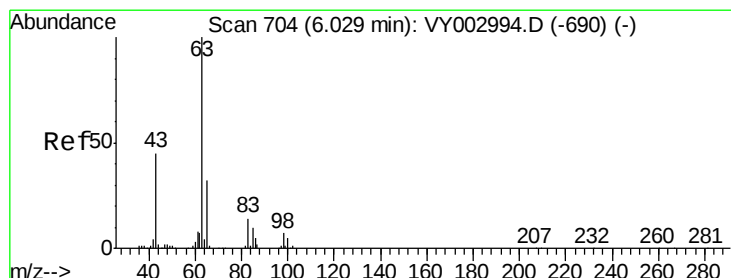
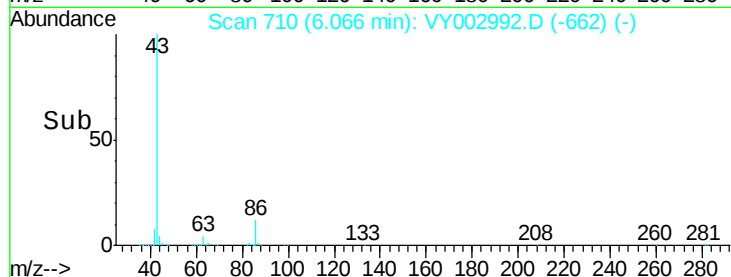
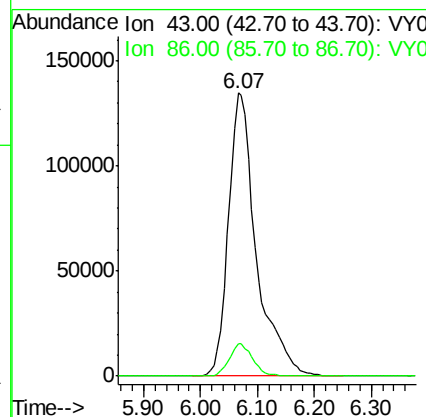
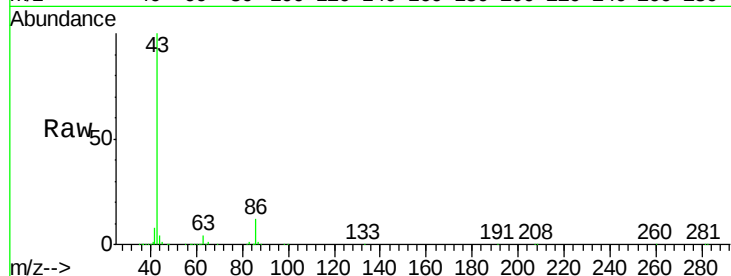
#23
 Vinyl Acetate
 Concen: 54.381 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
86	11.6		9.0	13.4

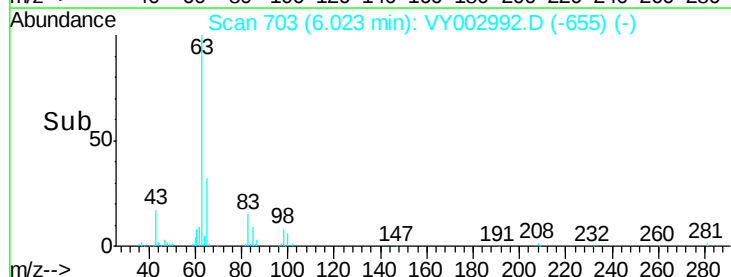
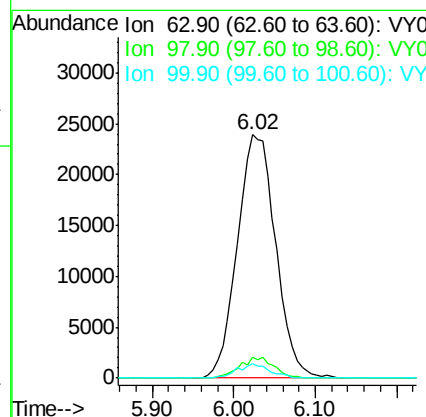
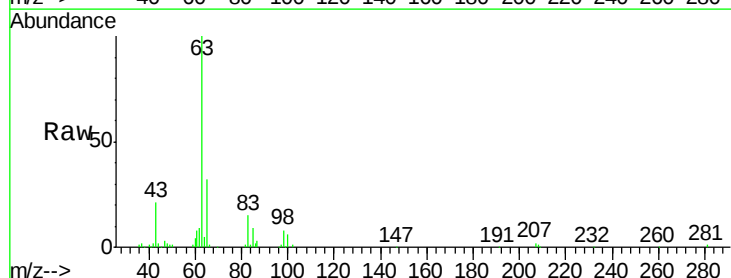
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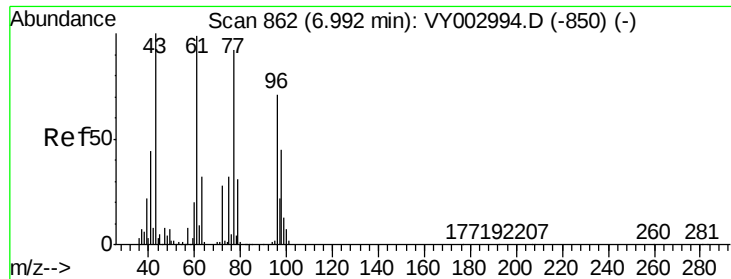
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#24
 1,1-Dichloroethane
 Concen: 10.163 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
63	100			
98	8.4		3.5	10.4
100	6.0		2.4	7.1





#25

2-Butanone

Concen: 48.619 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 77316

Ion Ratio Lower Upper

43 100

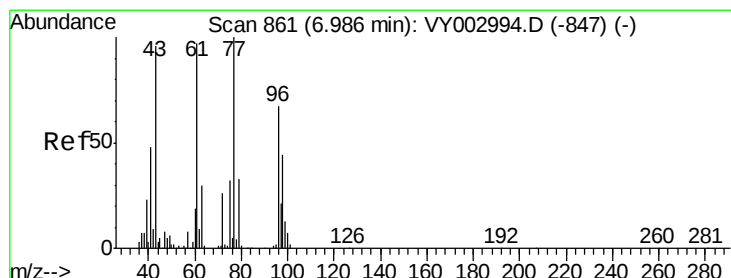
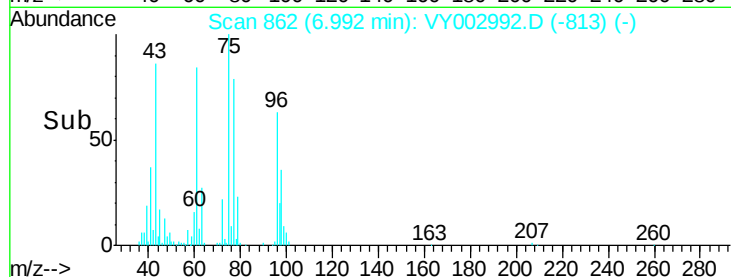
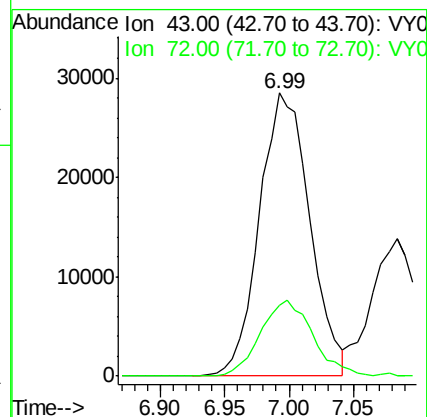
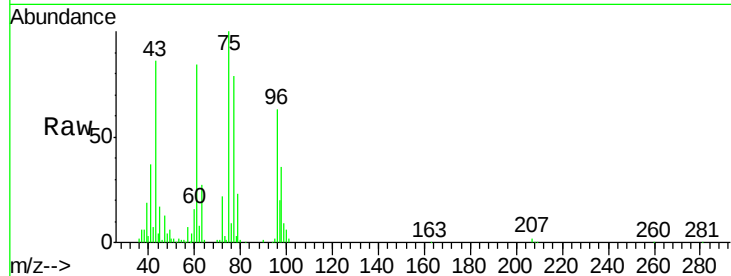
72 25.1 22.3 33.5

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#26

2,2-Dichloropropane

Concen: 11.255 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.00 min

Lab File: VY002992.D

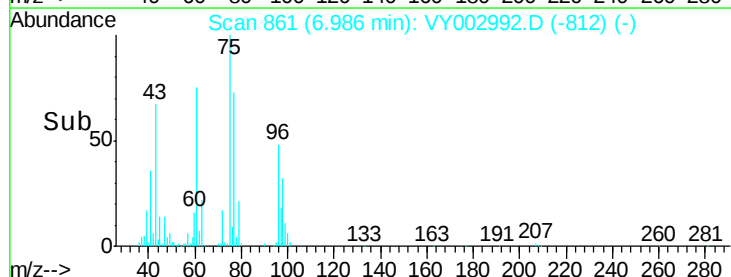
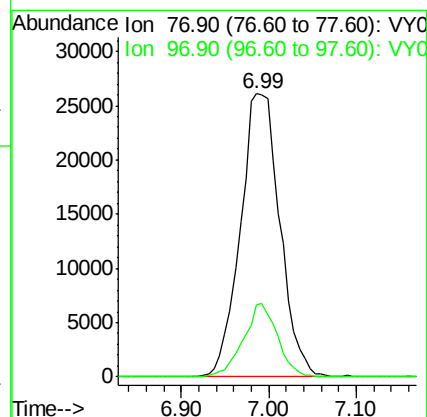
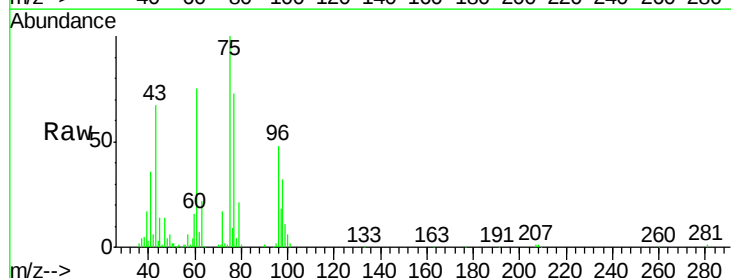
Acq: 25 Jun 2020 11:48

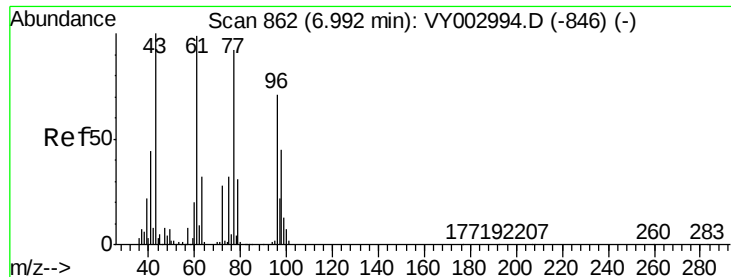
Tgt Ion: 77 Resp: 81669

Ion Ratio Lower Upper

77 100

97 22.4 11.1 33.3





#27

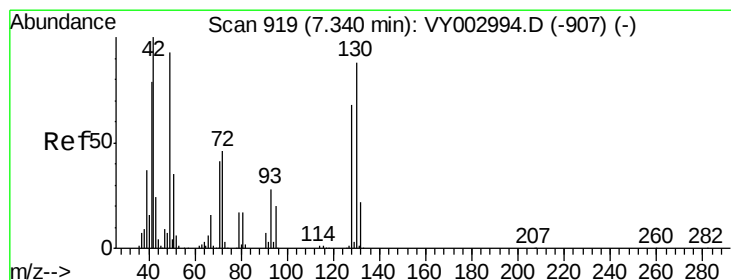
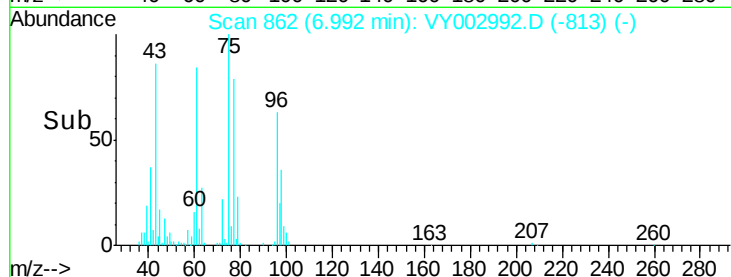
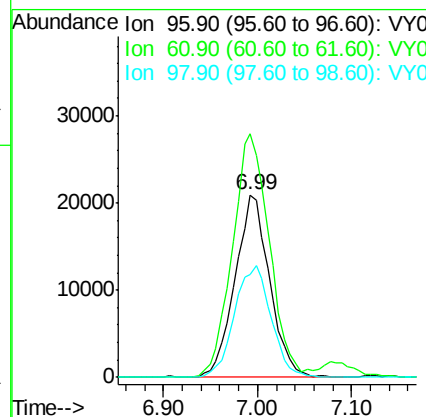
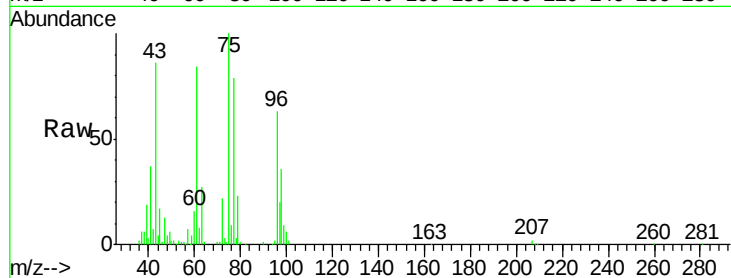
cis-1,2-Dichloroethene
Concen: 9.969 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	279.0
98	64.6	0.0	128.2

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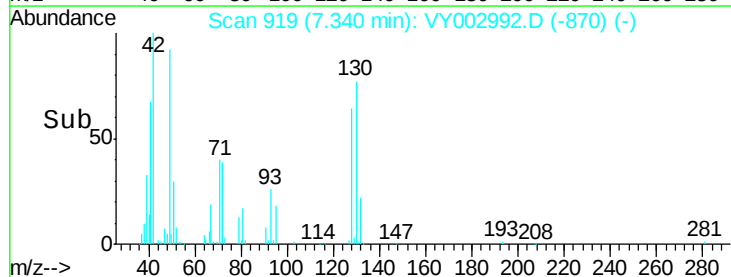
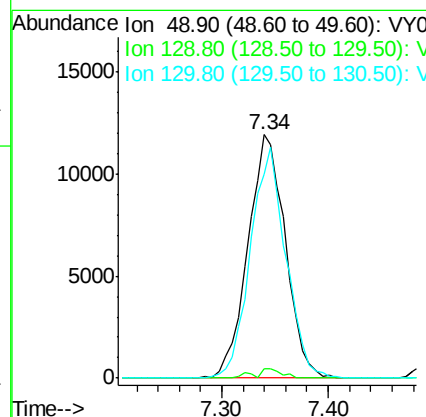
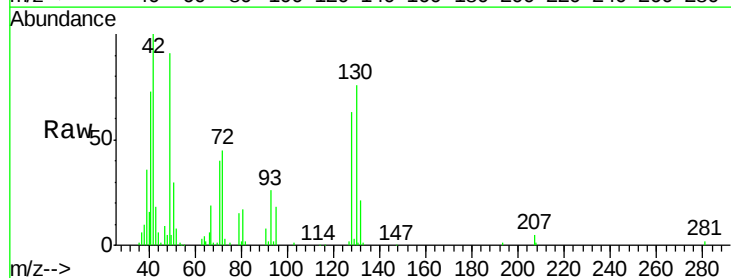
MMDadoda
6/26/2020 11:22:12 AM

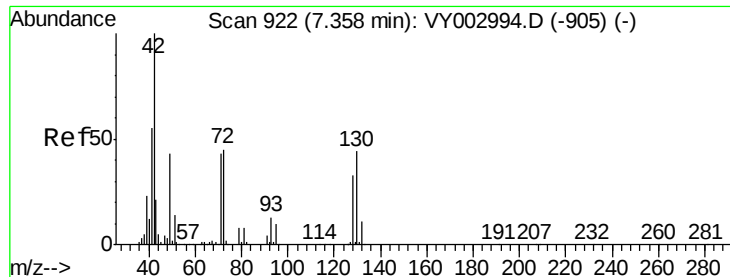


#28

Bromochloromethane
Concen: 9.313 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	90.0	73.8	110.8





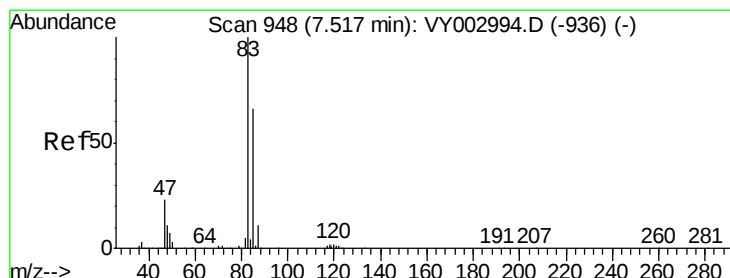
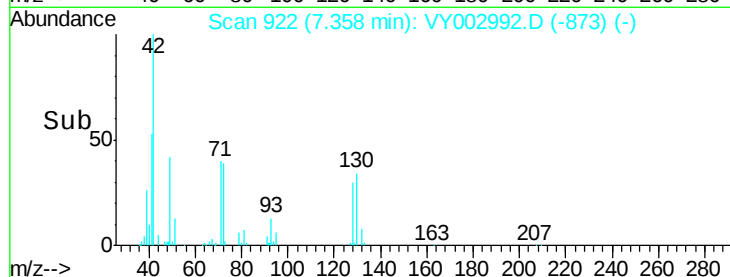
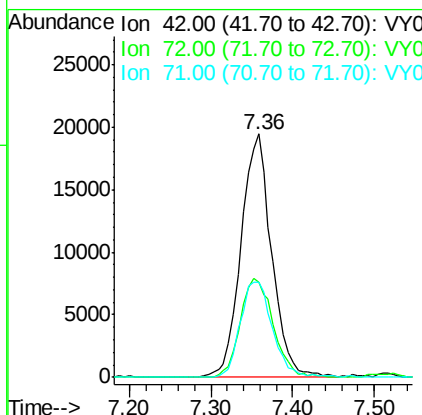
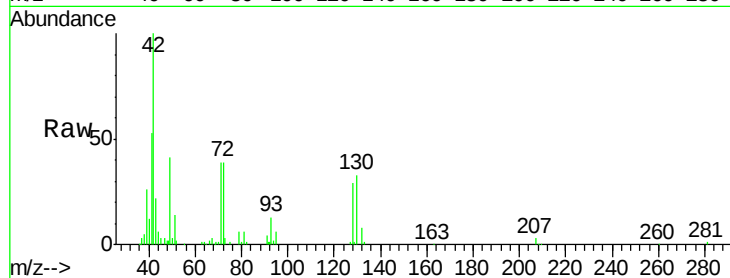
#29
Tetrahydrofuran
Concen: 49.163 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	36.2	54.4
71	41.2	34.2	51.2

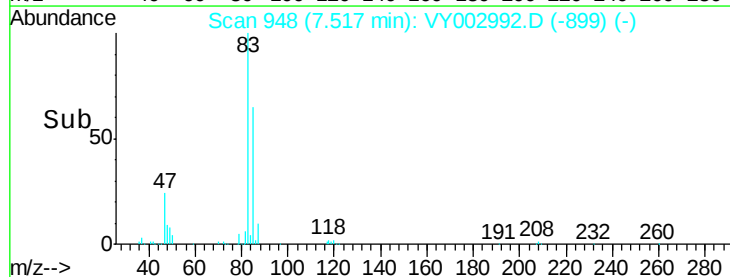
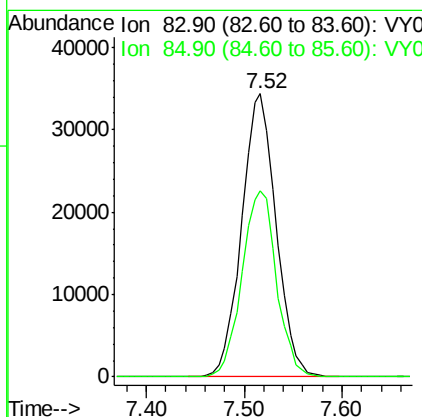
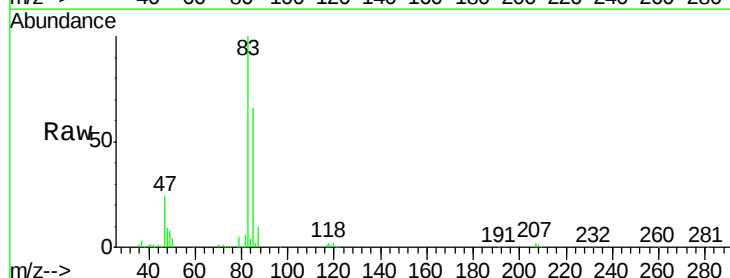
Manual Integrations
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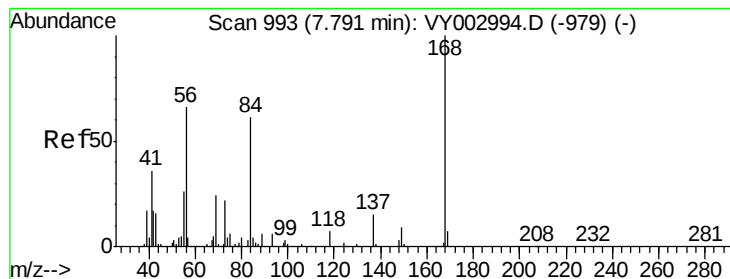
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#30
Chloroform
Concen: 10.415 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.6	78.8





#31

Cyclohexane

Concen: 10.345 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

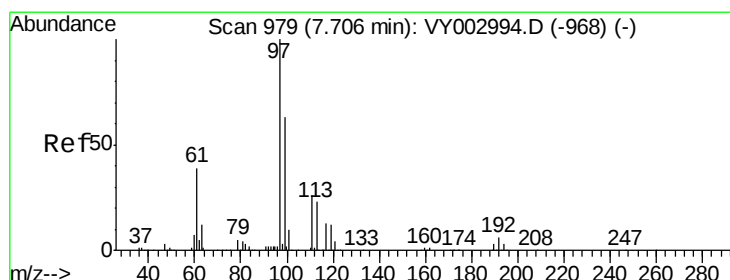
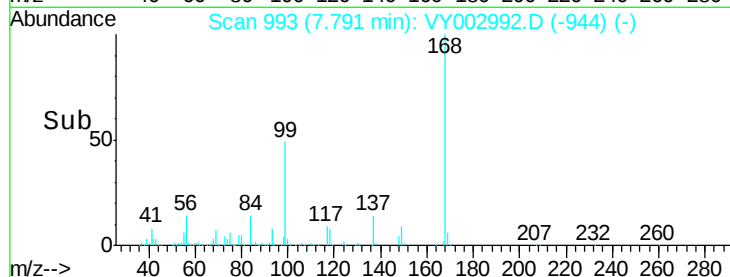
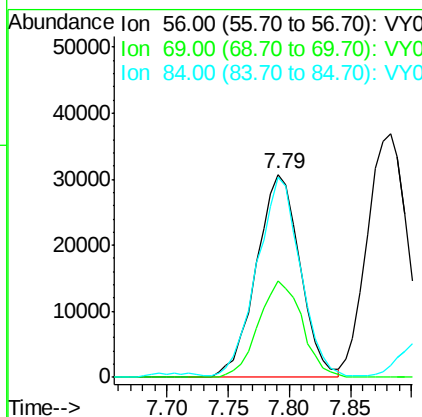
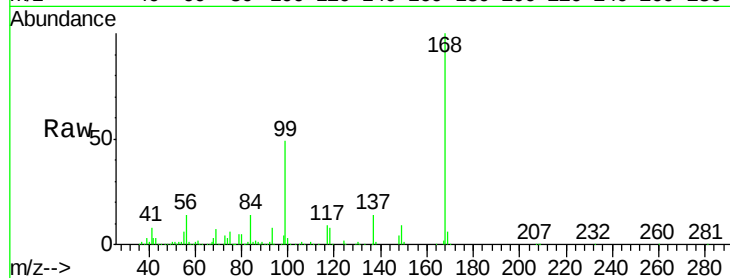
ClientSampleId :

VSTDIC010

Tot Ion:	56	Resp:	76631
Ion	Ratio	Lower	Upper
56	100		
69	47.2	28.6	43.0#
84	96.3	74.0	111.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 10.896 ug/l

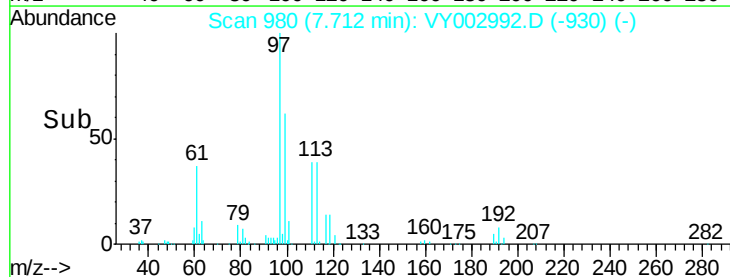
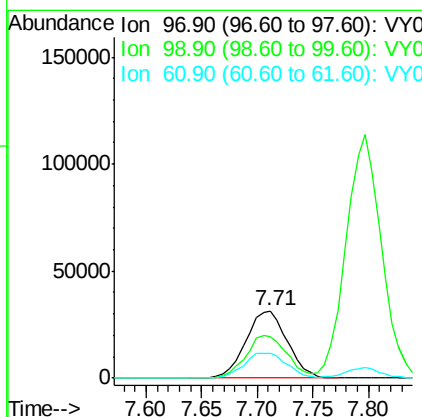
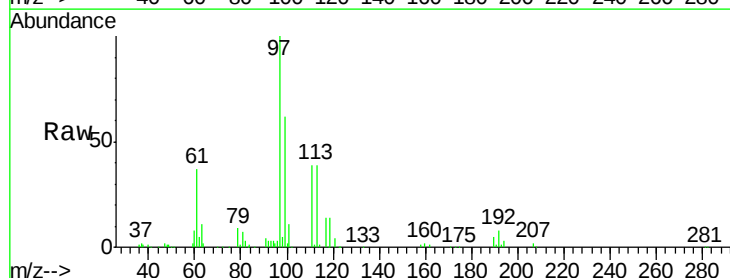
RT: 7.71 min Scan# 980

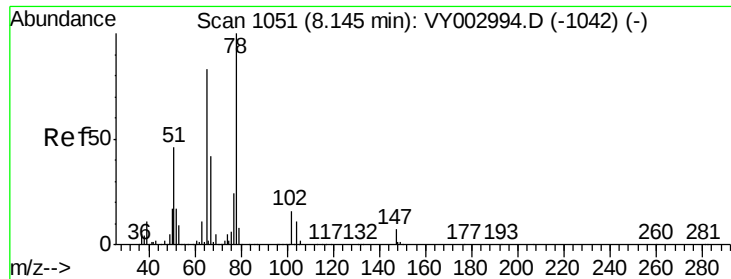
Delta R.T. 0.01 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Tgt Ion:	97	Resp:	81152
Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.8	77.6
61	38.3	31.0	46.6





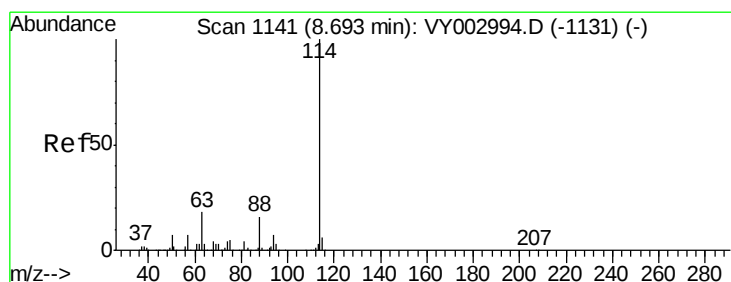
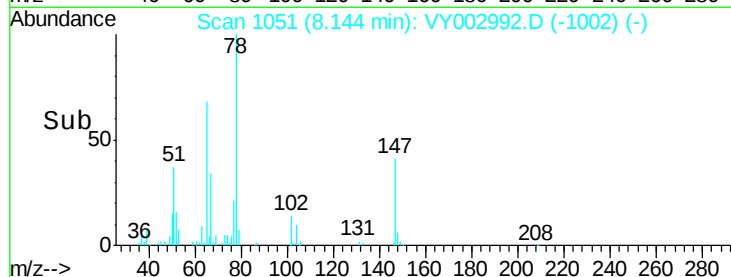
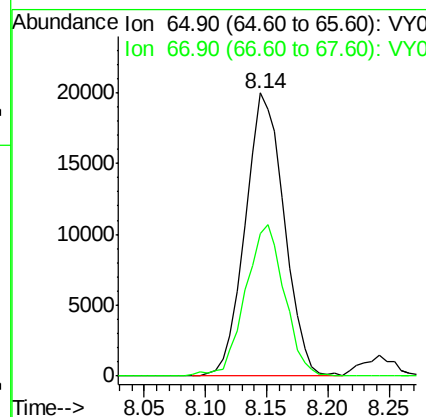
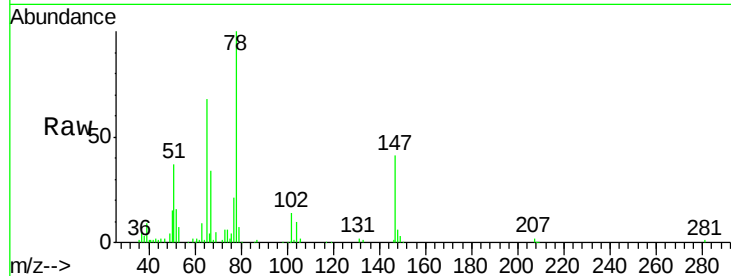
#33
 1,2-Dichloroethane-d4
 Concen: 10.321 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	102.2

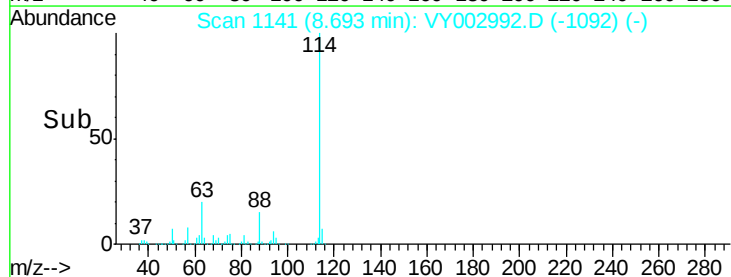
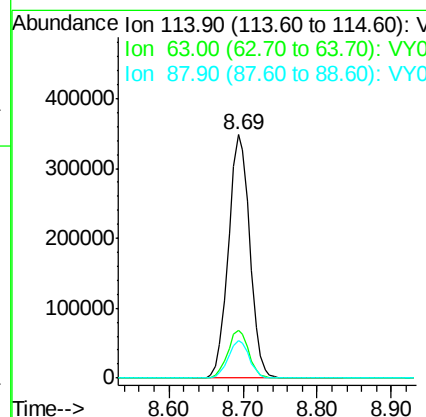
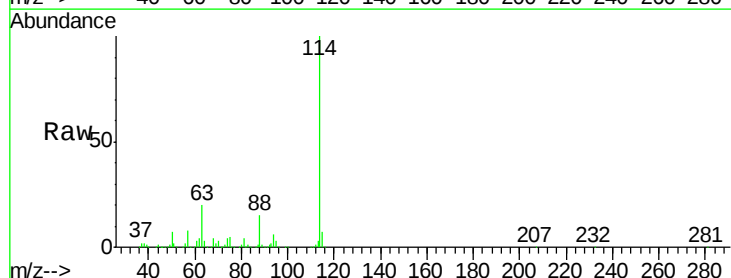
Manual Integrations
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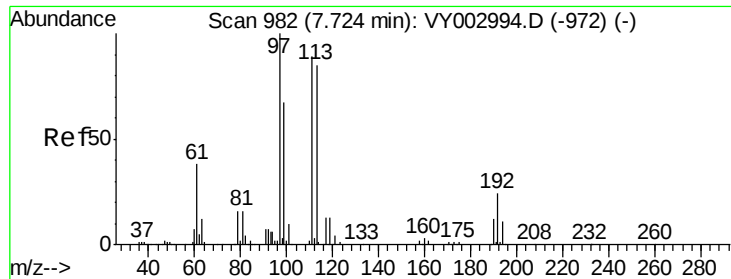
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	36.8
88	15.2	0.0	31.6





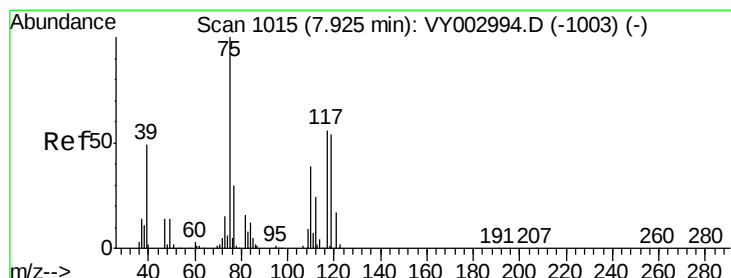
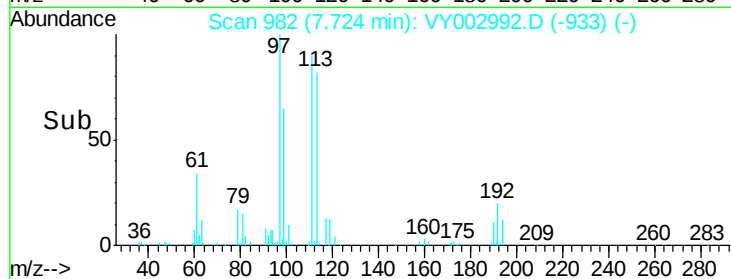
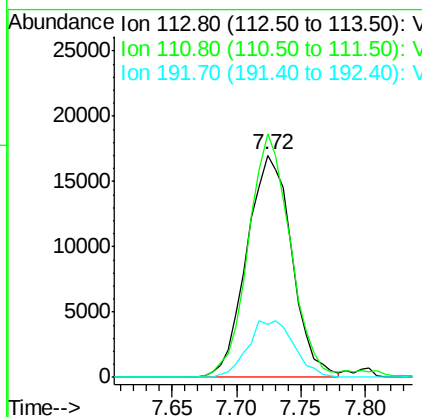
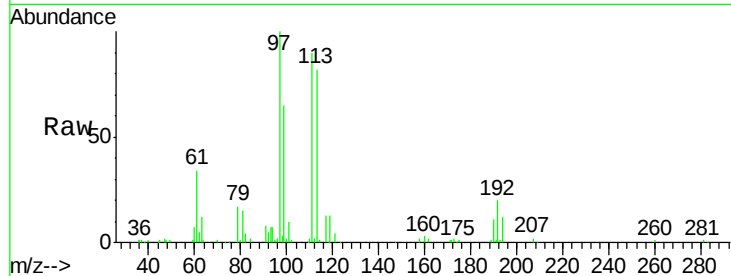
#35
Dibromofluoromethane
Concen: 10.273 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	26.2	21.1	31.7

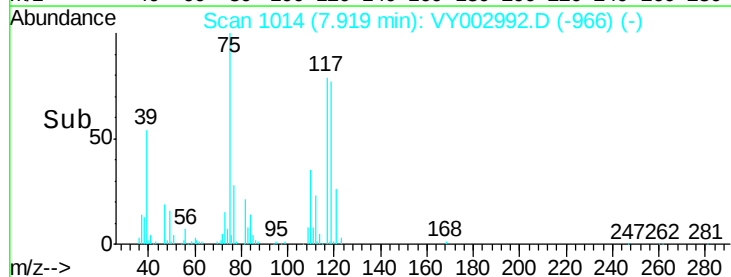
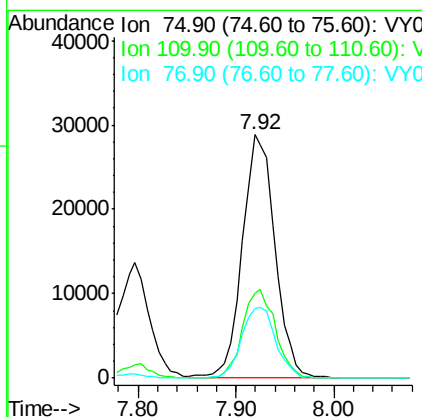
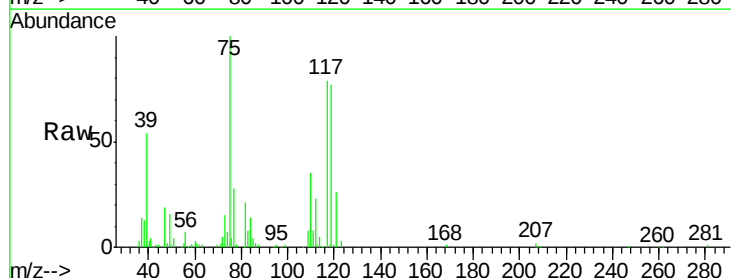
Manual Integrations
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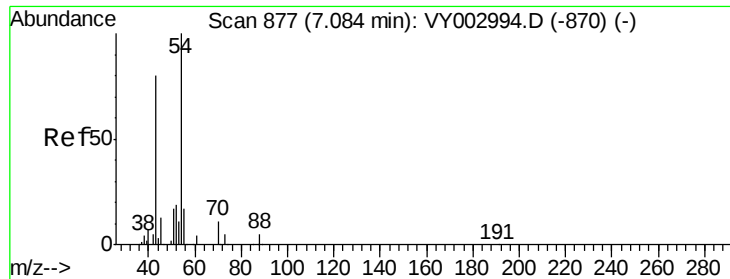
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#36
1,1-Dichloropropene
Concen: 11.398 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.9	56.9
77	30.3	24.3	36.5





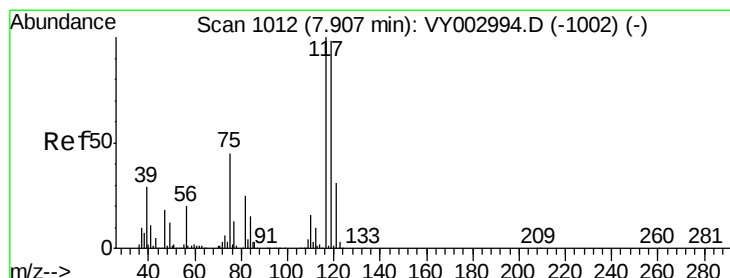
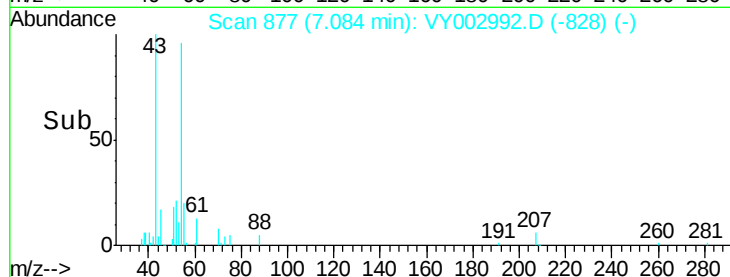
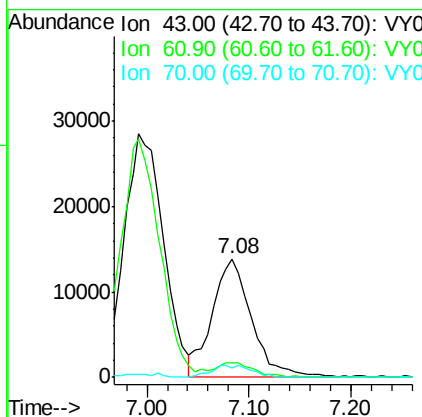
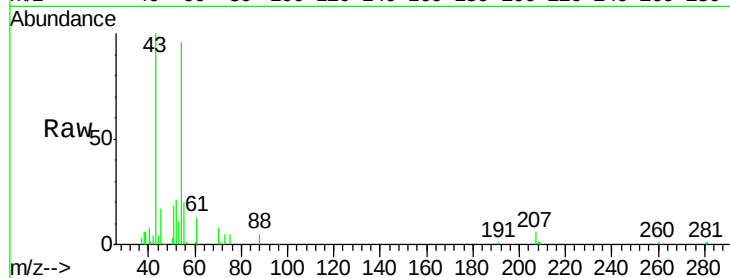
#37
Ethyl Acetate
Concen: 11.355 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.7	10.9	16.3
70	10.3	9.0	13.4

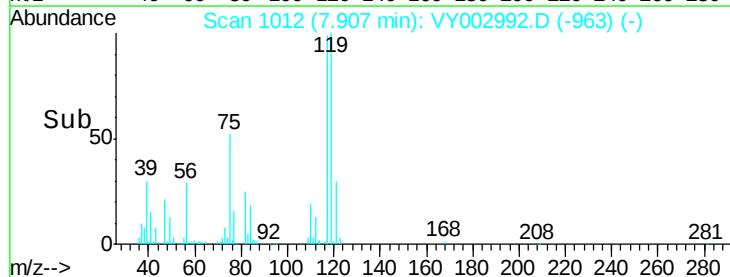
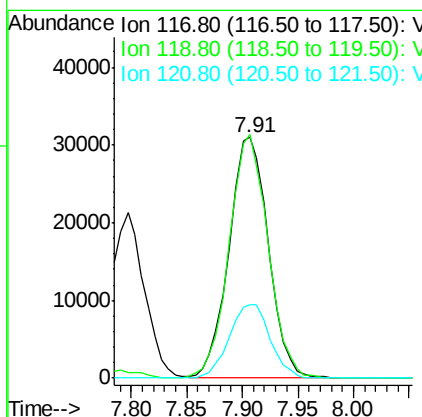
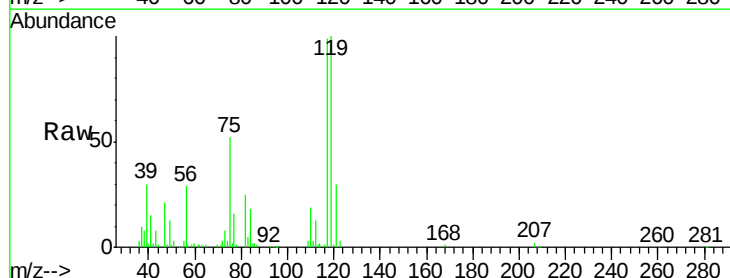
Manual Integrations
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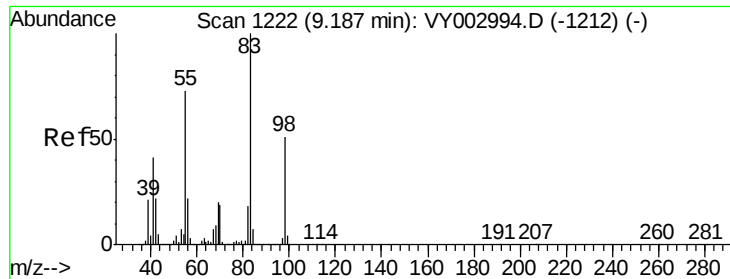
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#38
Carbon Tetrachloride
Concen: 11.465 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.3	78.2	117.4
121	30.7	24.5	36.7





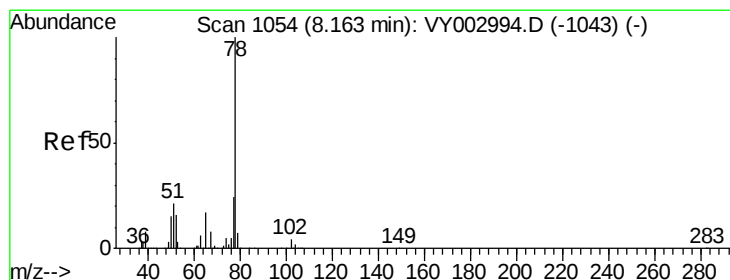
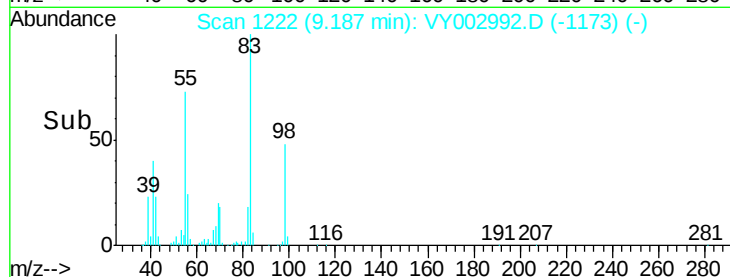
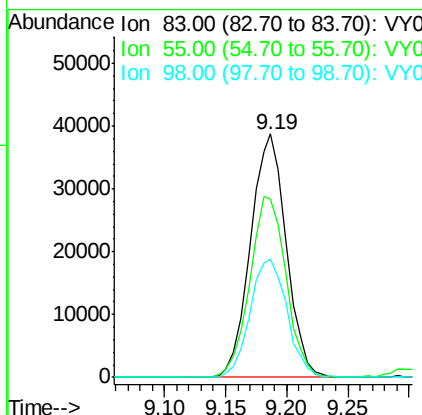
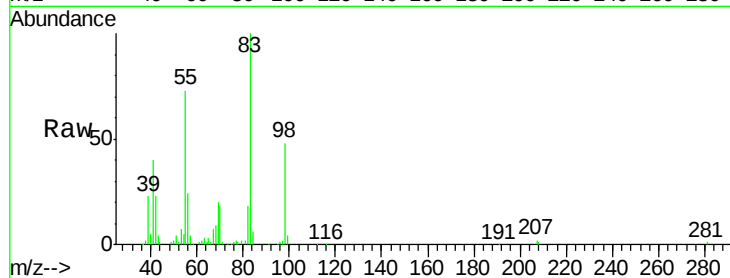
#39
Methvlcvclohexane
Concen: 10.537 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.0	58.6	87.8
98	48.5	41.0	61.6

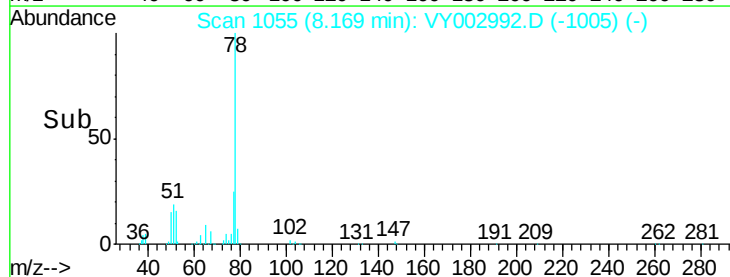
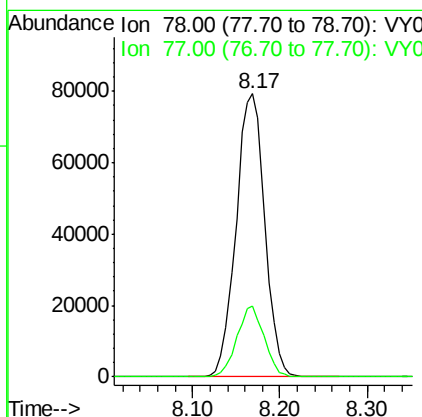
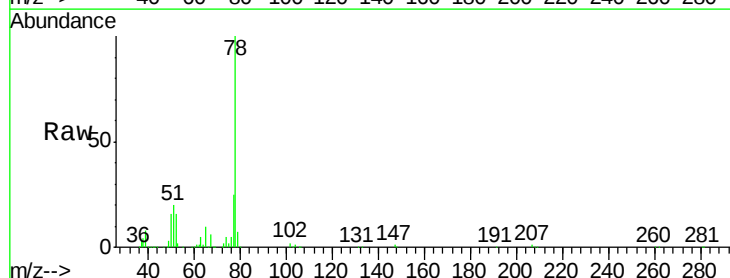
Manual Integrations
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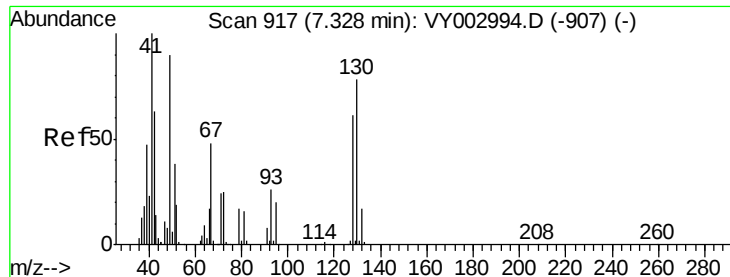
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#40
Benzene
Concen: 10.743 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.2	28.8





#41

Methacrylonitrile

Concen: 15.172 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. 0.01 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Tot Ion	41	Resp:	24182
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

Instrument :

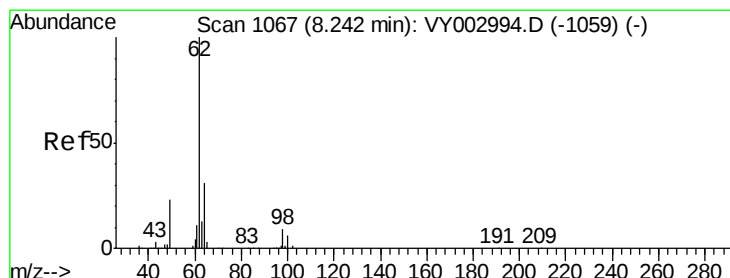
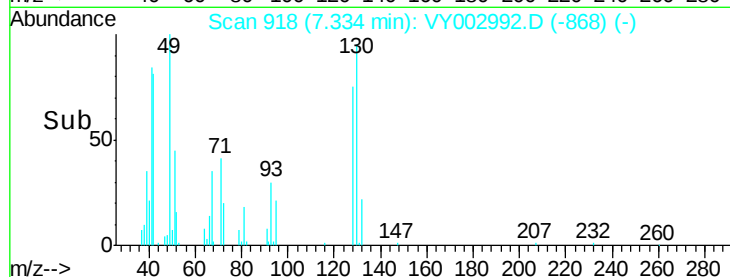
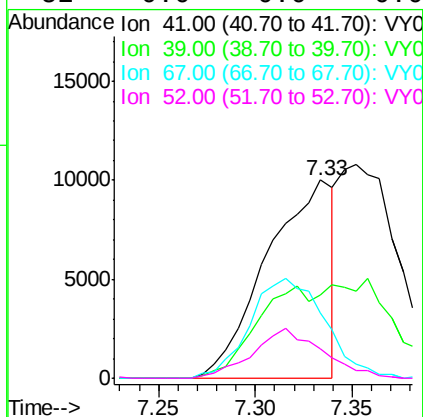
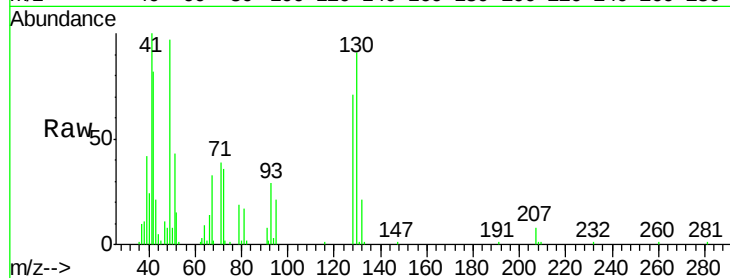
MSVOA_Y

ClientSampleId :

VSTDIC010

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 11.944 ug/l

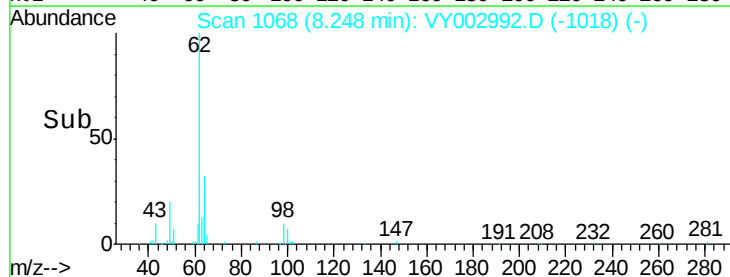
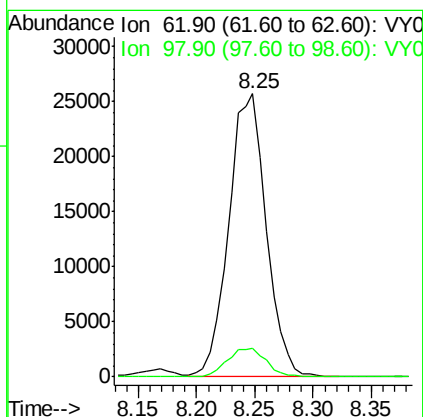
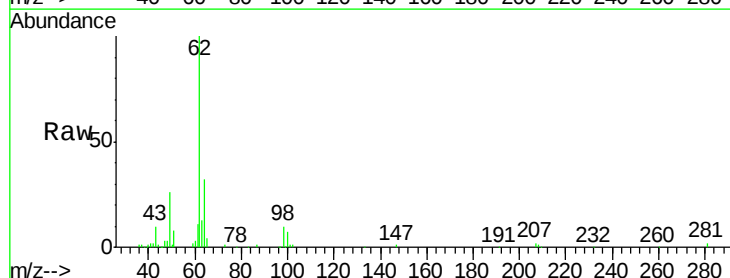
RT: 8.25 min Scan# 1068

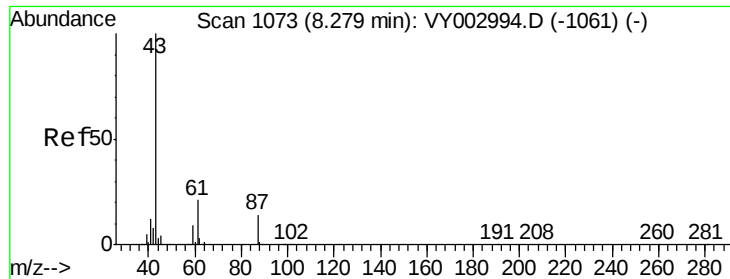
Delta R.T. 0.01 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Tgt Ion	62	Resp:	57499
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	18.4





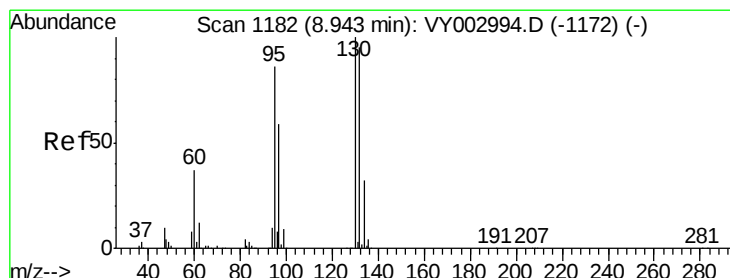
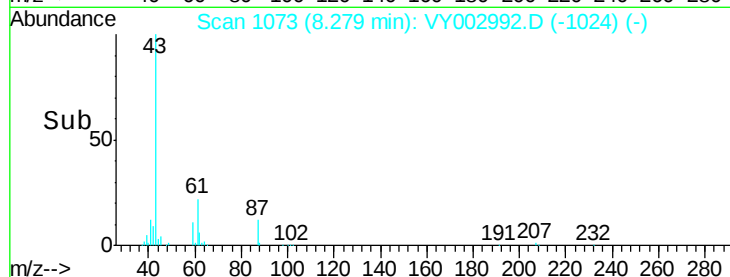
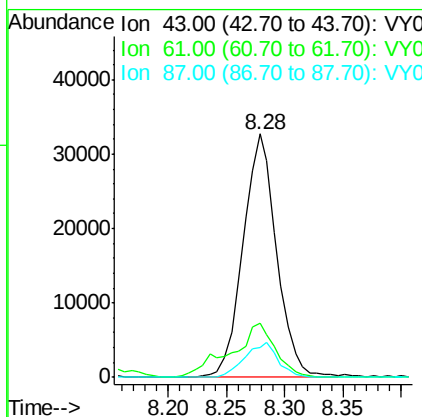
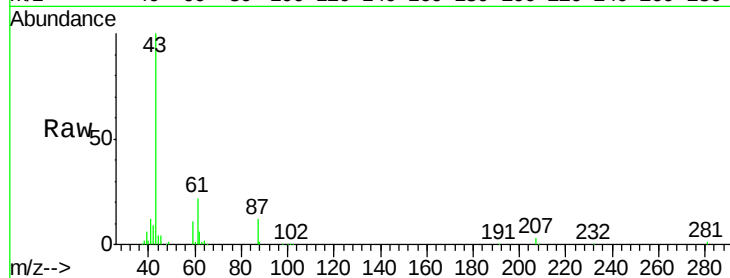
#43
Isopropyl Acetate
Concen: 11.144 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.4	23.2	34.8
87	14.1	11.4	17.2

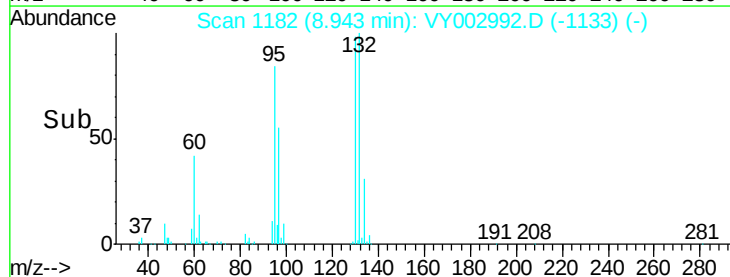
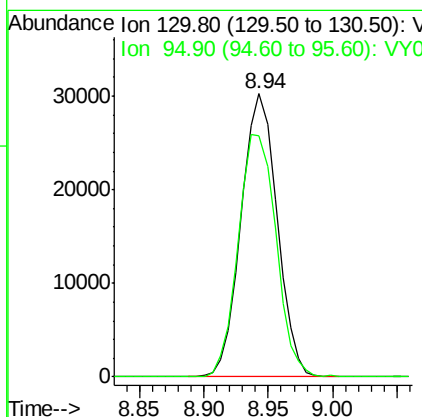
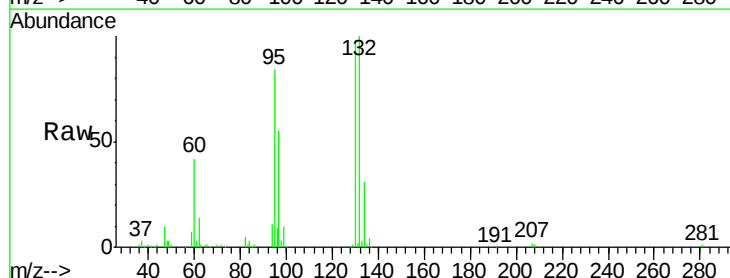
Manual Integrations
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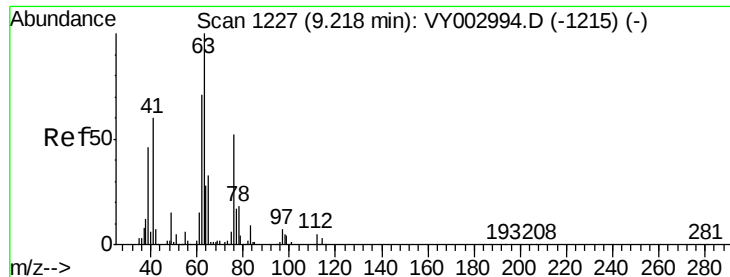
MMDadoda
6/26/2020 11:22:12 AM



#44
Trichloroethene
Concen: 11.151 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	85.0	0.0	171.4





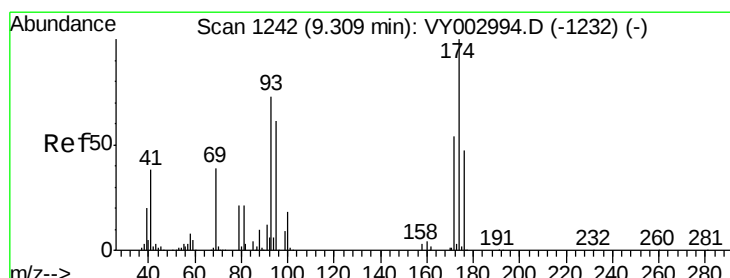
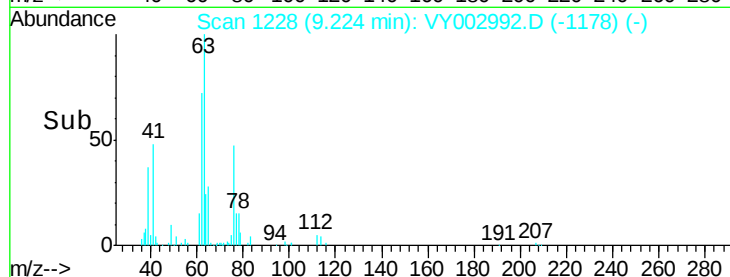
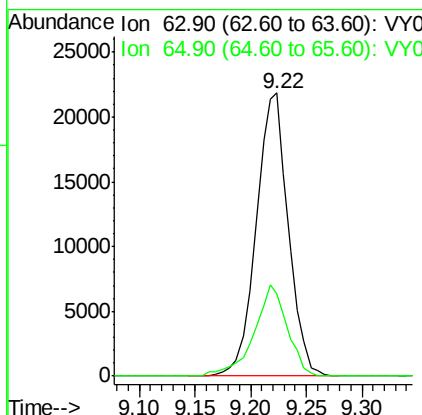
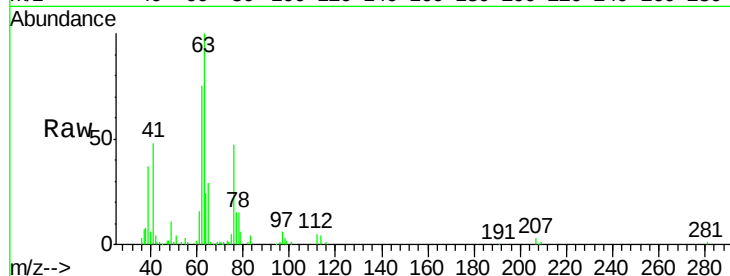
#45
 1,2-Dichloropropane
 Concen: 10.876 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	63	Resp	43848
Ion Ratio	63	100	
Lower	26.2		
Upper	39.4		

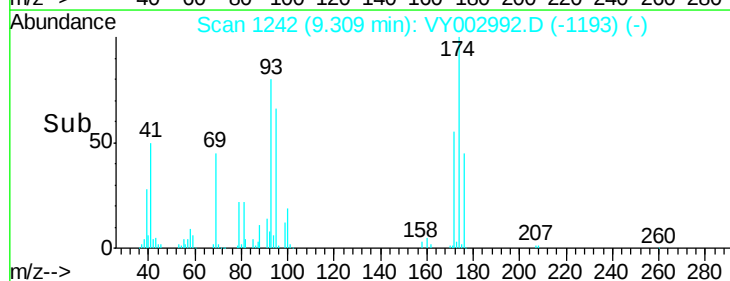
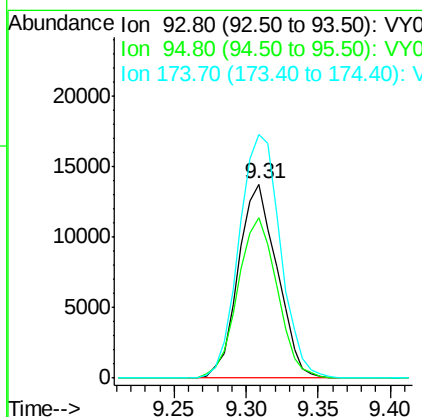
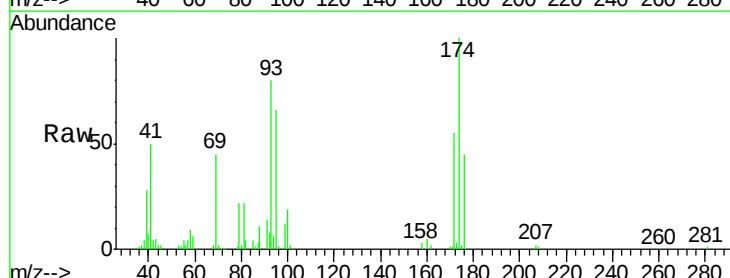
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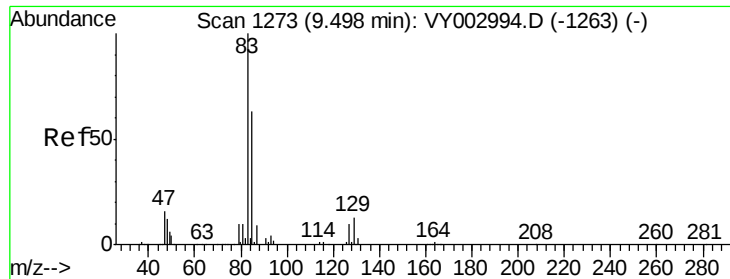
MMDadoda
 6/26/2020 11:22:12 AM



#46
 Dibromomethane
 Concen: 10.589 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion	93	Resp	25619
Ion Ratio	93	100	
Lower	66.2		
Upper	99.2		





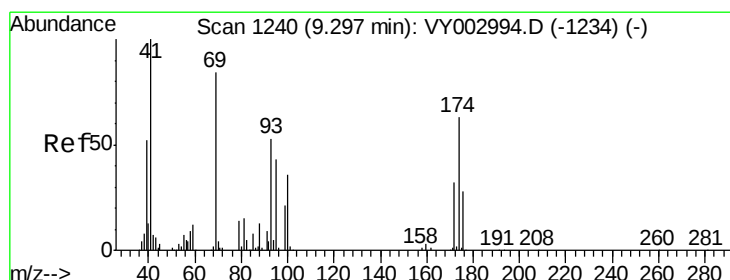
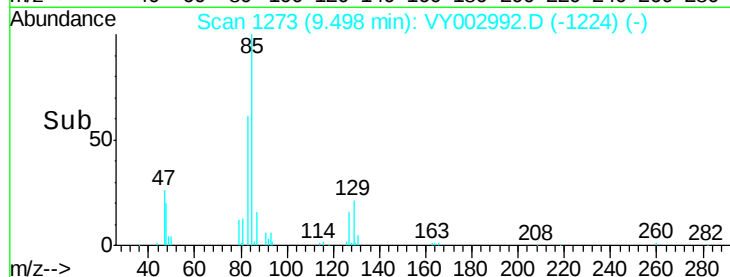
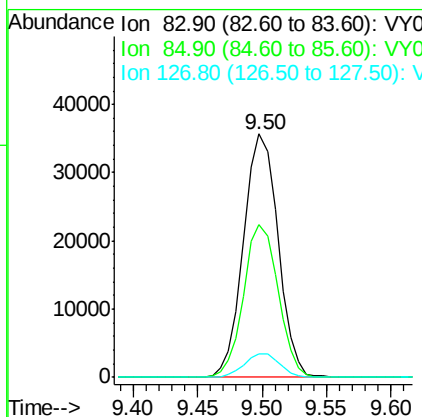
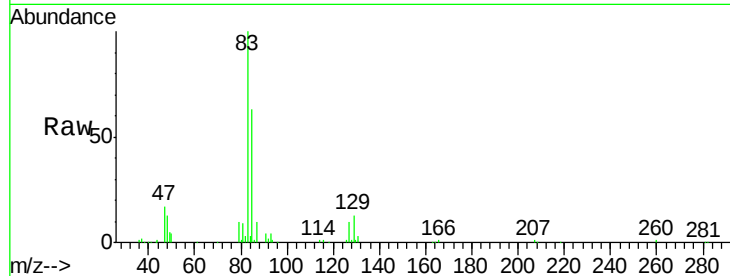
#47
Bromodichloromethane
Concen: 11.607 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
83	100	66315		
85	62.9		50.2	75.4
127	9.8		7.8	11.6

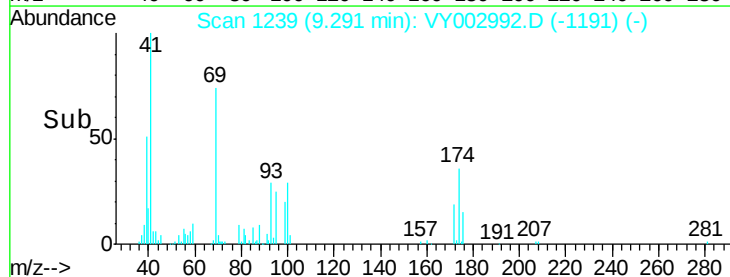
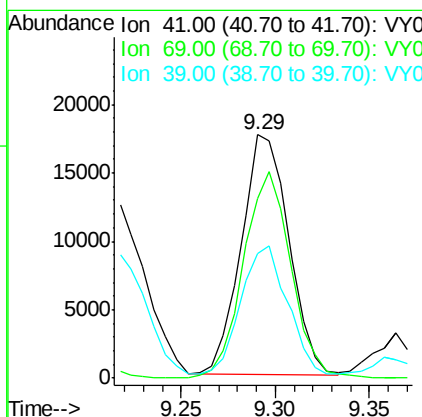
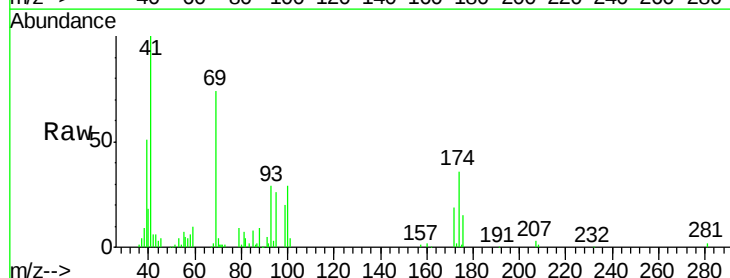
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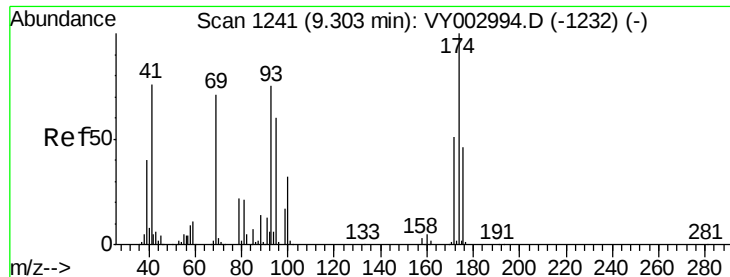
MMDadoda
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#48
Methyl methacrylate
Concen: 11.592 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	30898		
69	85.6		70.2	105.2
39	52.7		45.0	67.6





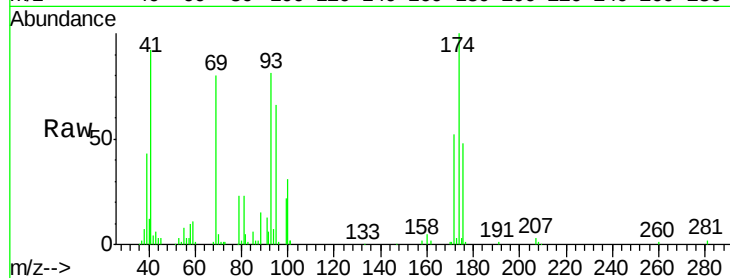
#49
1,4-Dioxane
Concen: 178.257 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

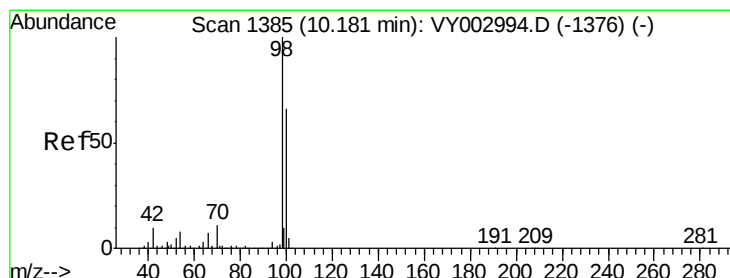
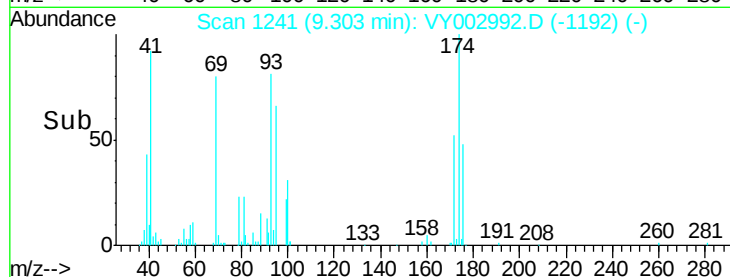
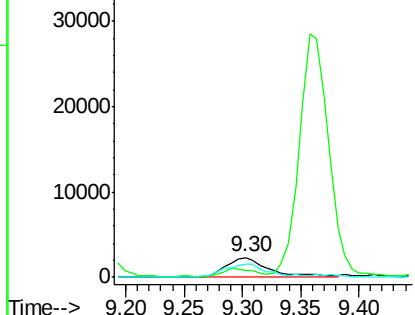
Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	26.6	39.8
58	67.8	50.6	75.8

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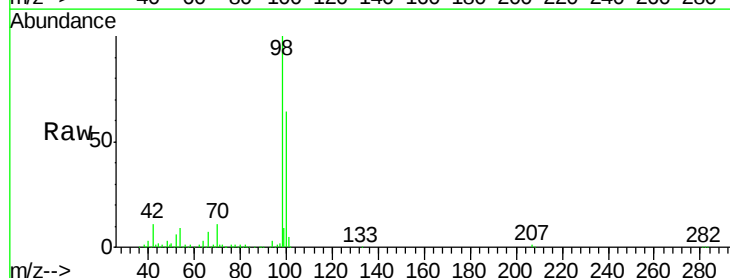


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

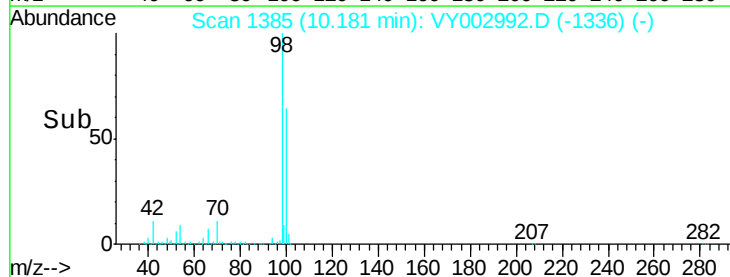
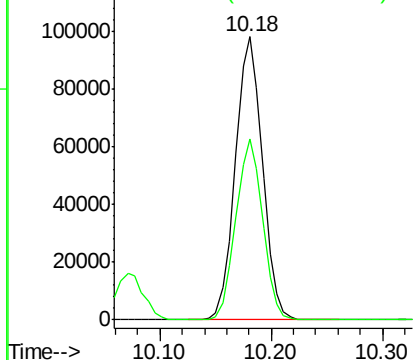


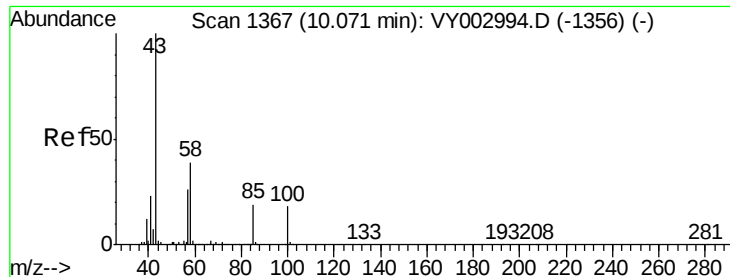
#50
Toluene-d8
Concen: 10.451 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 51.765 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 167673

Ion Ratio Lower Upper

43 100

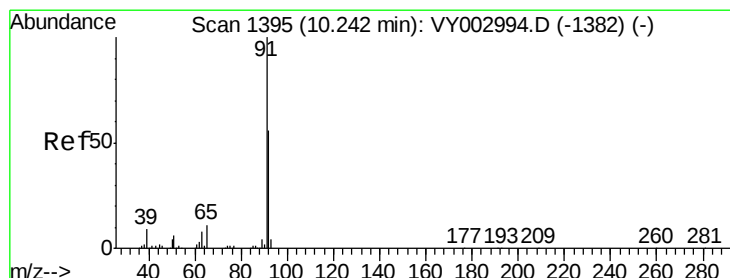
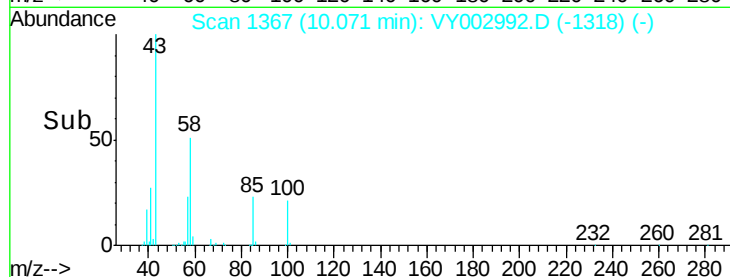
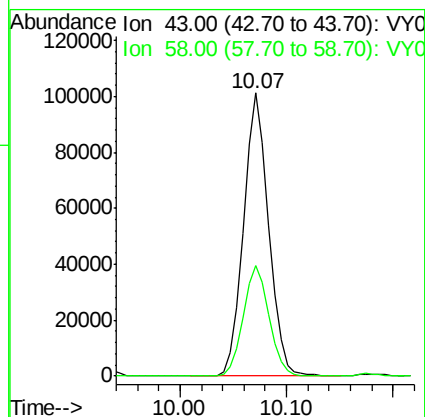
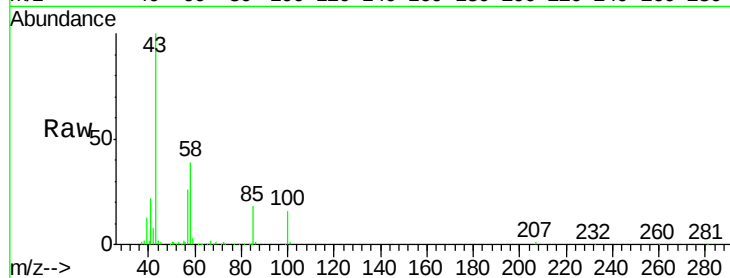
58 40.1 31.4 47.0

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#52

Toluene

Concen: 11.104 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002992.D

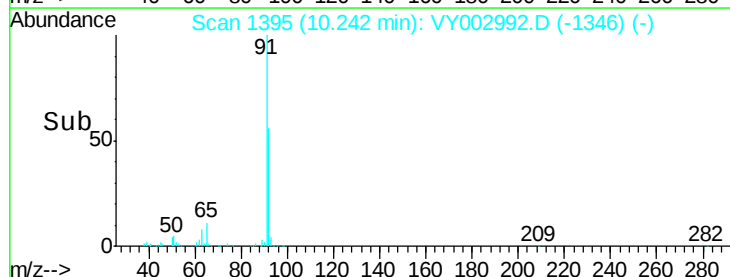
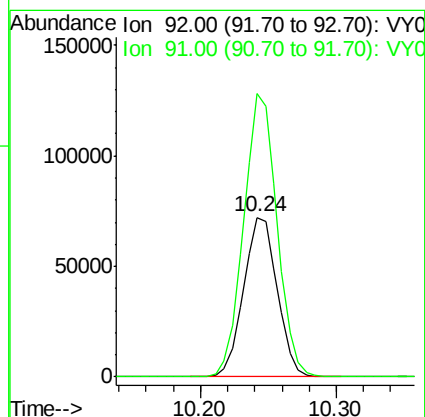
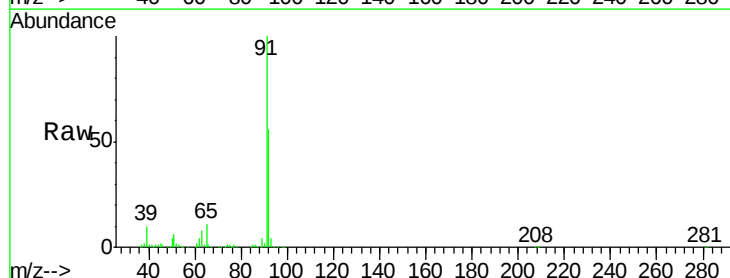
Acq: 25 Jun 2020 11:48

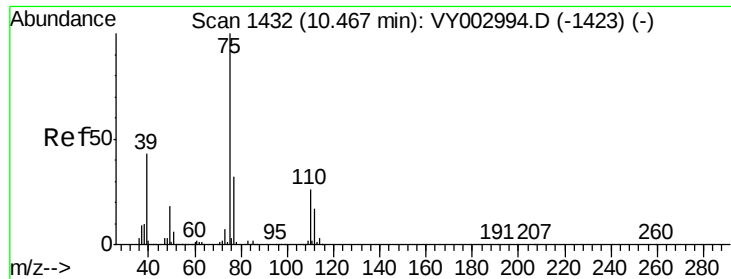
Tgt Ion: 92 Resp: 124862

Ion Ratio Lower Upper

92 100

91 175.9 140.7 211.1





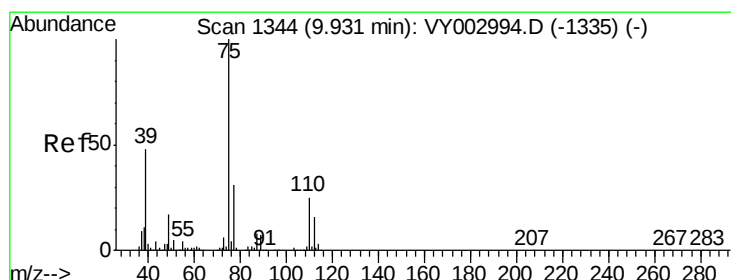
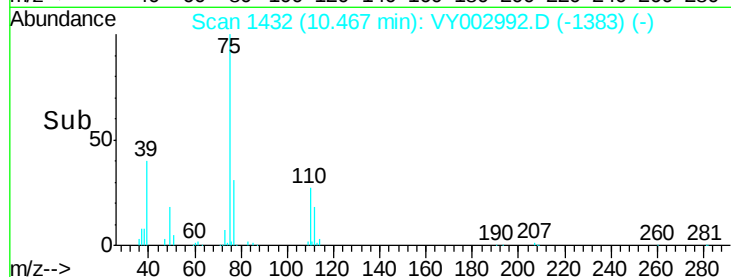
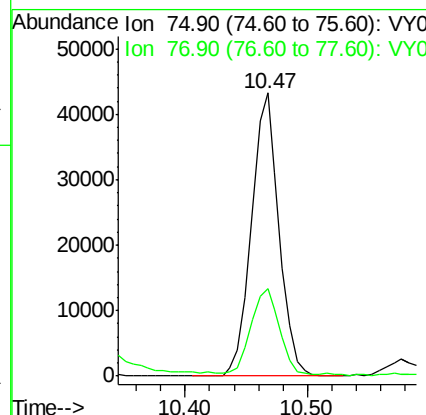
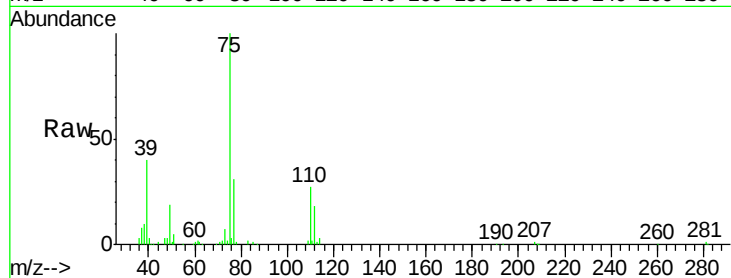
#53
 t-1,3-Dichloropropene
 Concen: 10.508 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.4	38.2

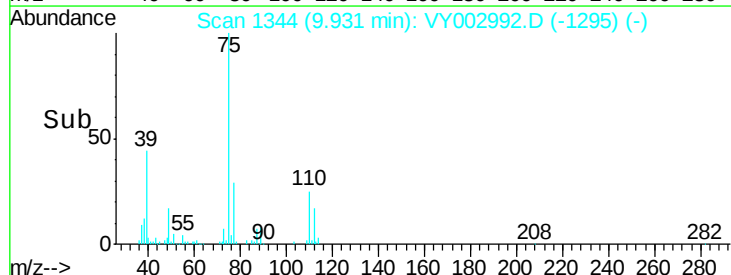
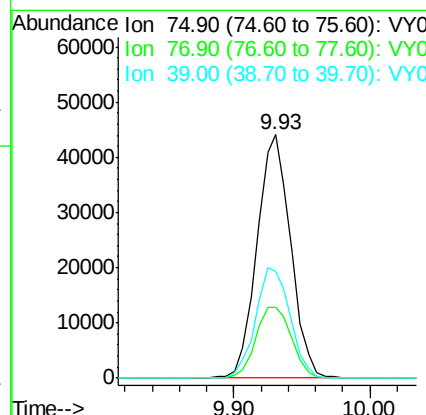
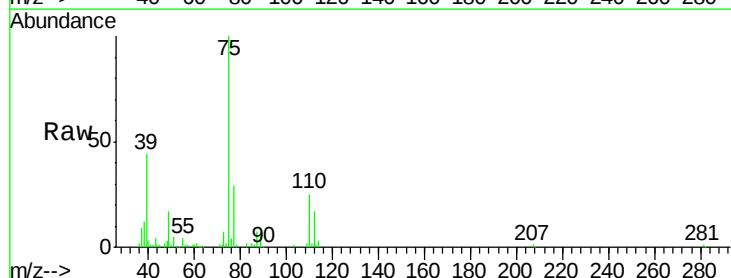
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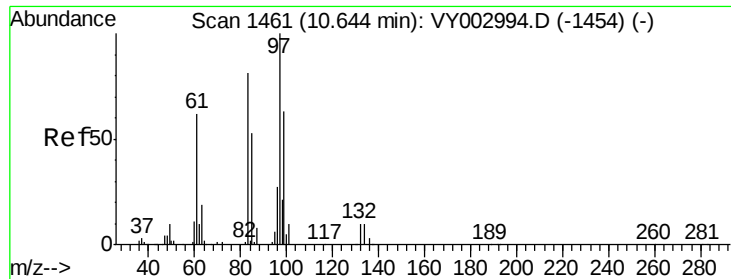
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#54
 cis-1,3-Dichloropropene
 Concen: 10.549 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.2	25.1	37.7
39	43.6	38.4	57.6





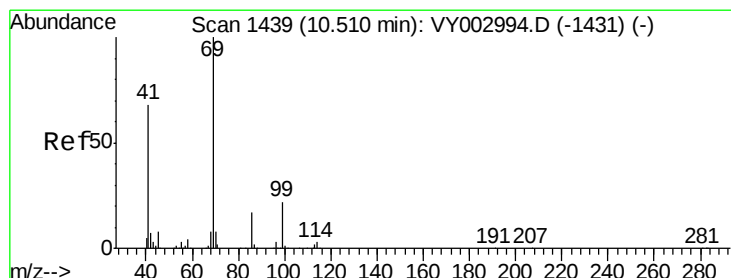
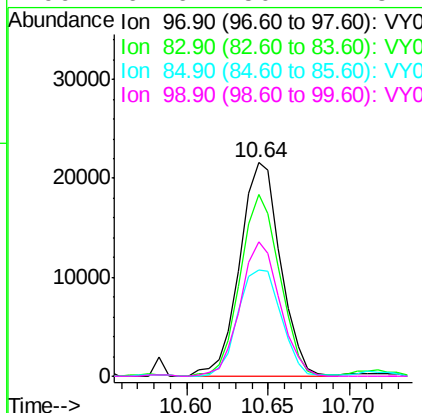
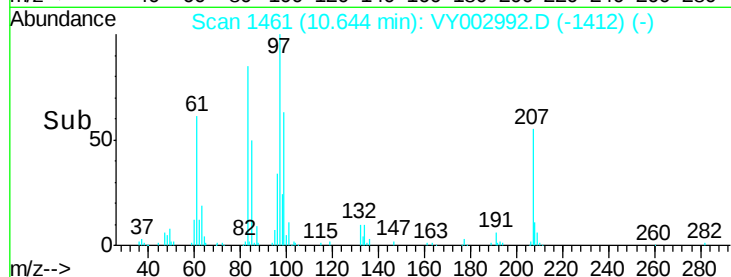
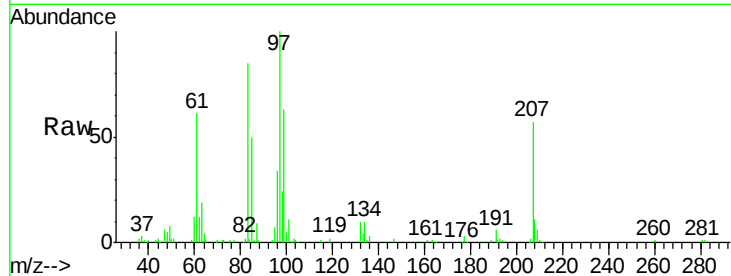
#55
 1,1,2-Trichloroethane
 Concen: 10.253 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		37779		
83	84.8	64.6	96.8		
85	49.3	42.6	63.8		
99	62.6	50.1	75.1		

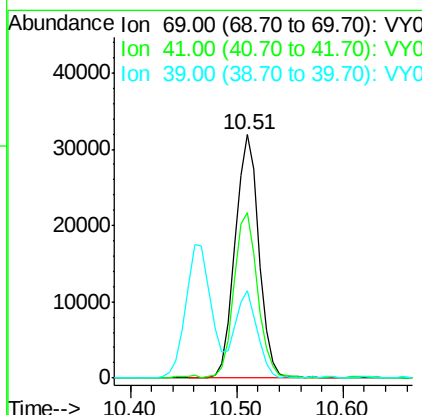
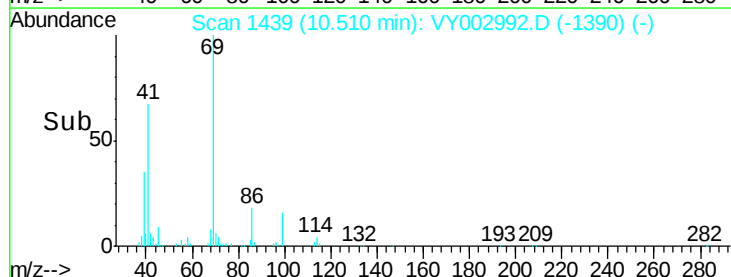
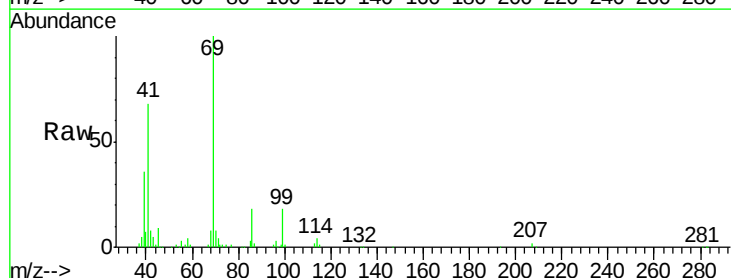
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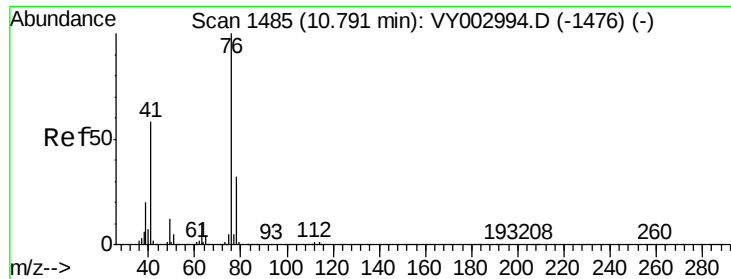
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#56
 Ethyl methacrylate
 Concen: 10.004 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		50264		
41	67.2	51.4	77.0		
39	34.0	24.4	36.6		





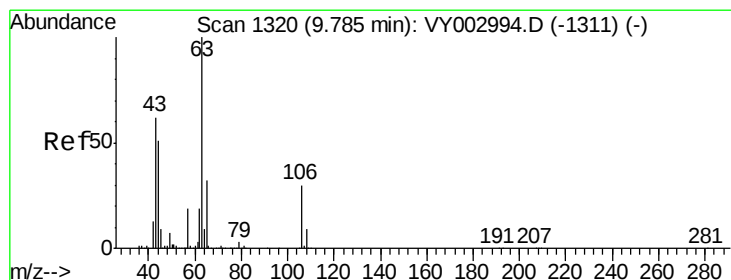
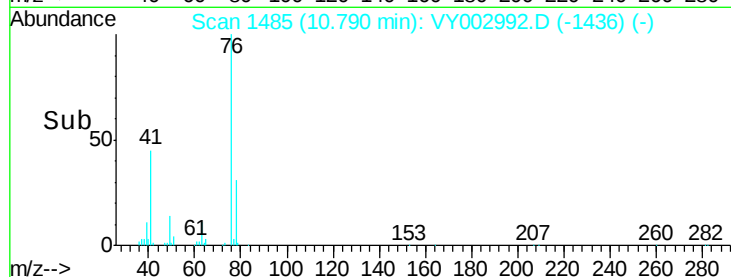
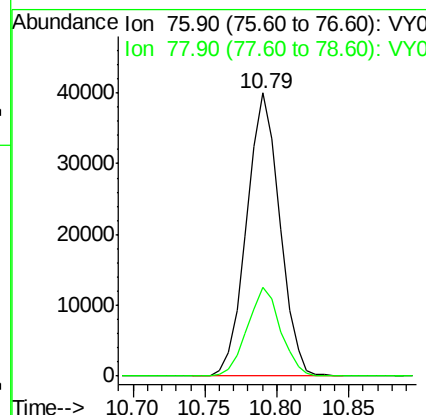
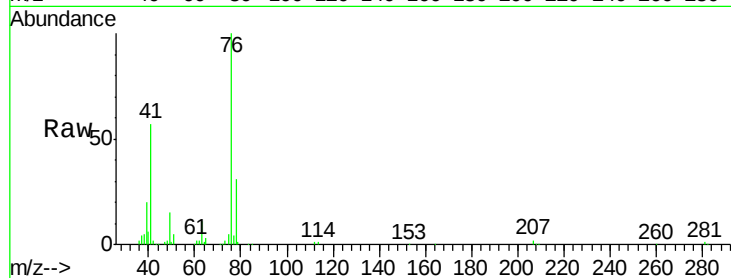
#57
 1,3-Dichloropropane
 Concen: 10.269 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	76	Resp	63808
Ion	Ratio	Lower	Upper
76	100		
78	31.5	25.8	38.6

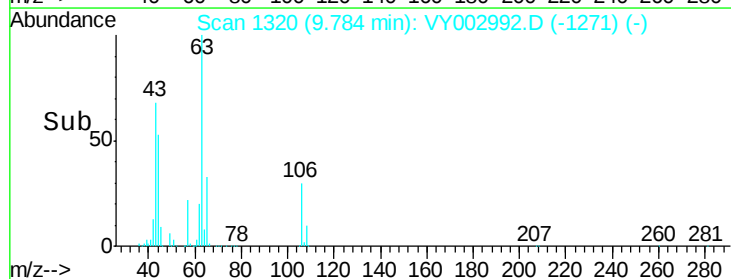
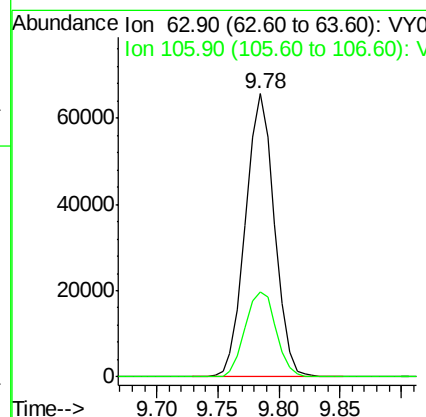
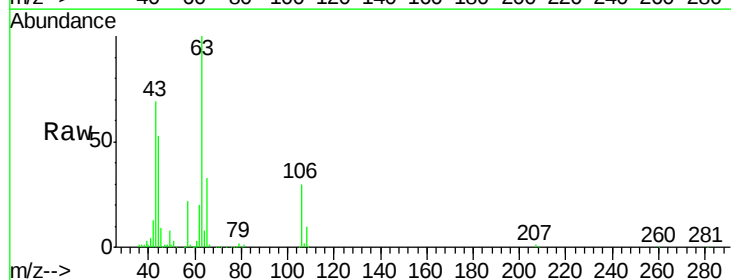
Manual Integrations
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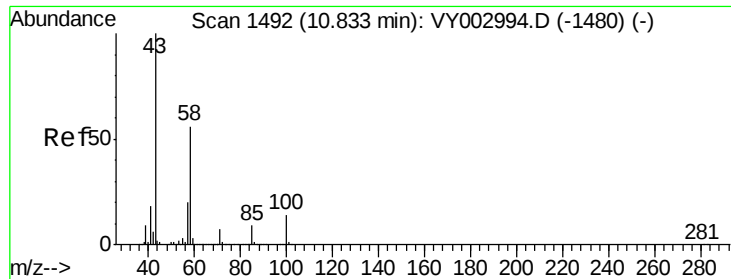
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 44.373 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion	63	Resp	108283
Ion	Ratio	Lower	Upper
63	100		
106	32.1	25.3	37.9





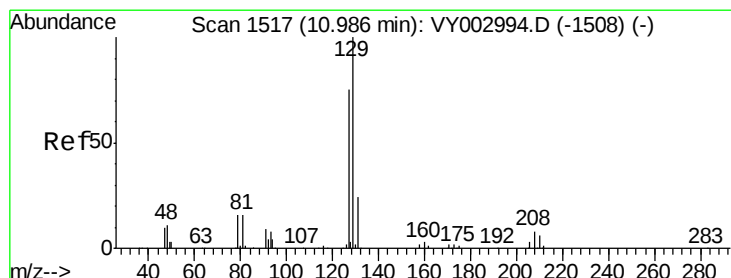
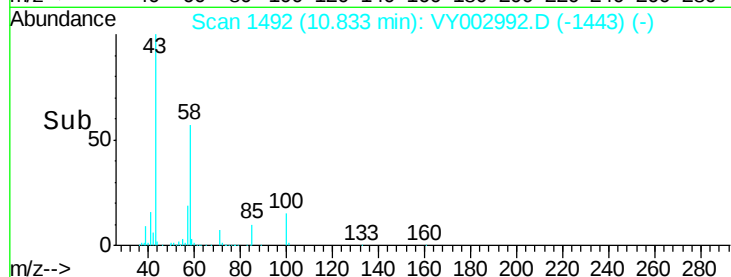
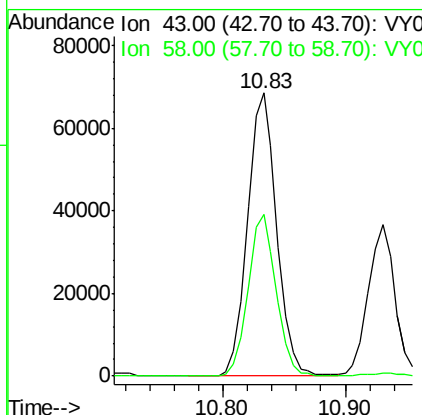
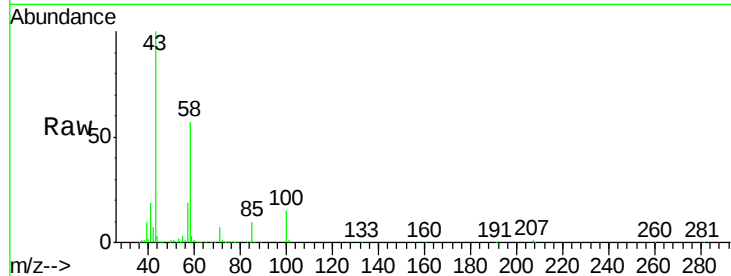
#59
2-Hexanone
Concen: 50.170 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	27.4	82.0

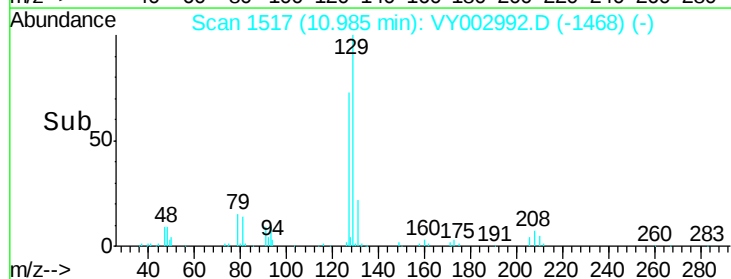
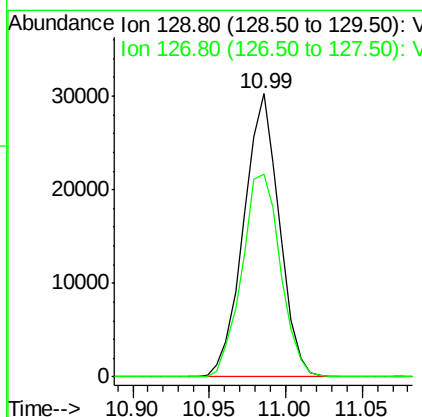
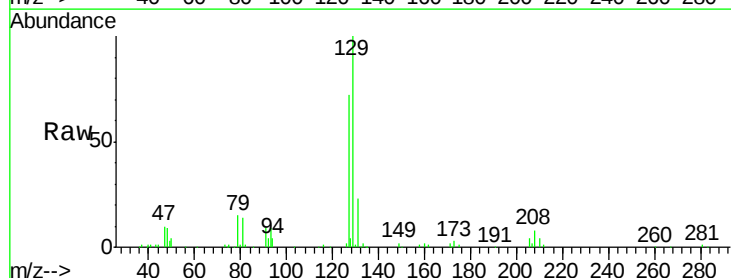
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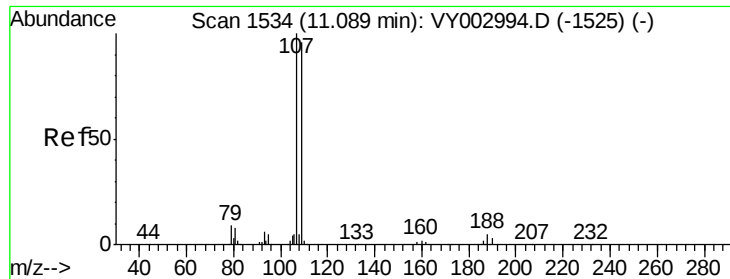
MMDadoda
6/26/2020 11:22:12 AM



#60
Dibromochloromethane
Concen: 10.223 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.3	114.8





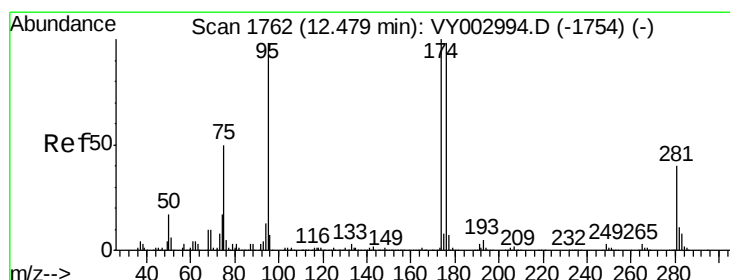
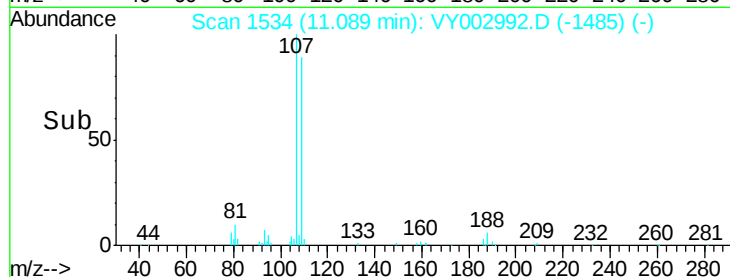
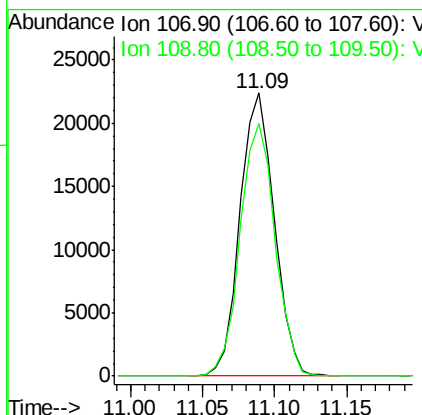
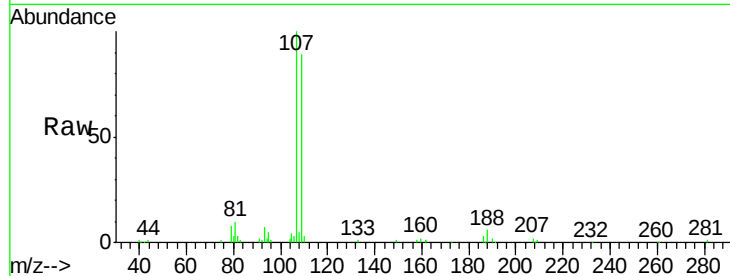
#61
 1,2-Dibromoethane
 Concen: 10.134 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion: 107 Resp: 37063
 Ion Ratio Lower Upper
 107 100
 109 90.9 76.9 115.3

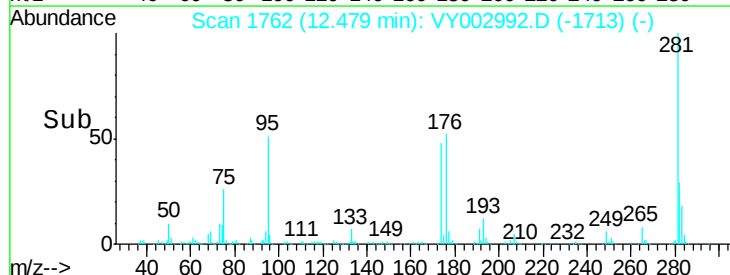
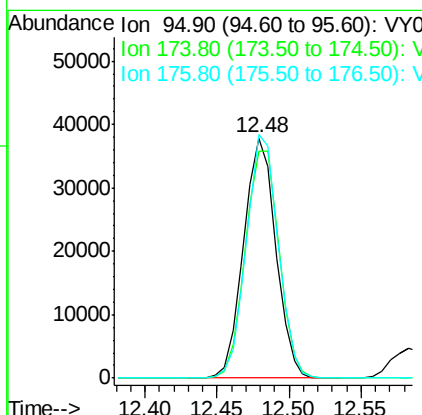
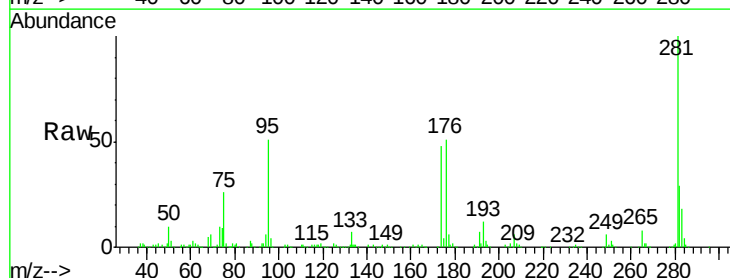
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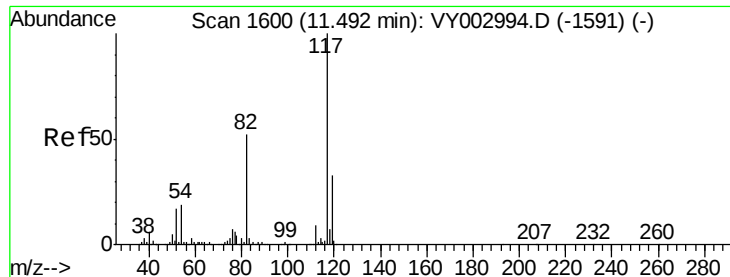
MMDadoda
 6/26/2020 11:22:12 AM



#62
 4-Bromofluorobenzene
 Concen: 10.586 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion: 95 Resp: 58475
 Ion Ratio Lower Upper
 95 100
 174 99.4 0.0 209.2
 176 100.2 0.0 206.2





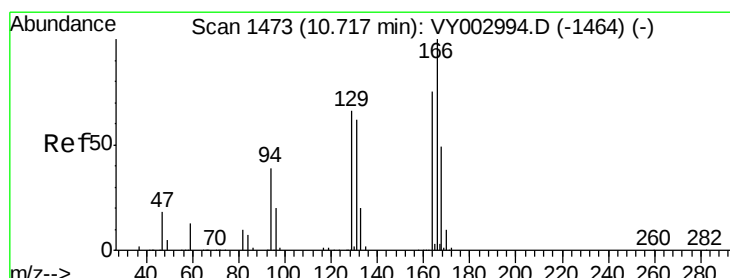
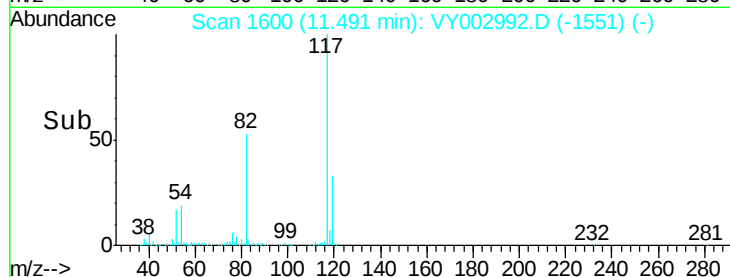
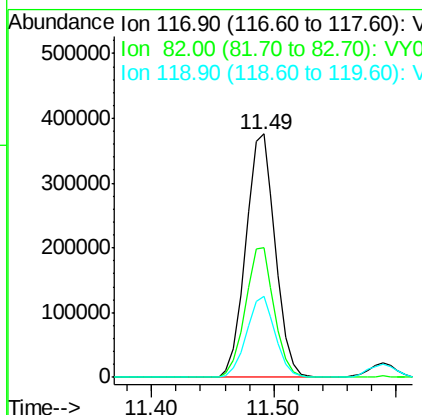
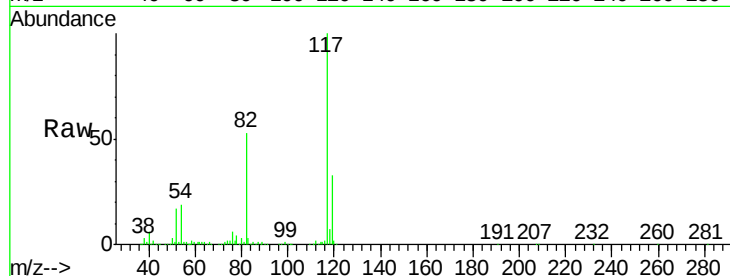
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
117	100	625686		
82	53.3	41.8	62.8	
119	33.2	26.7	40.1	

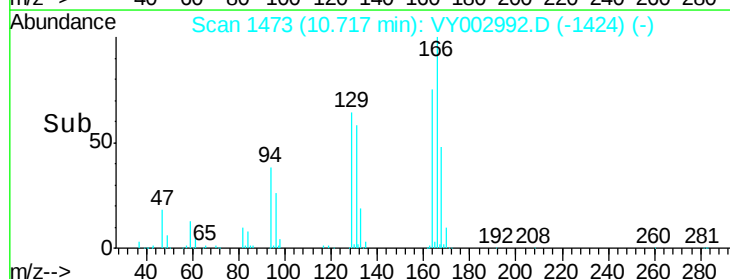
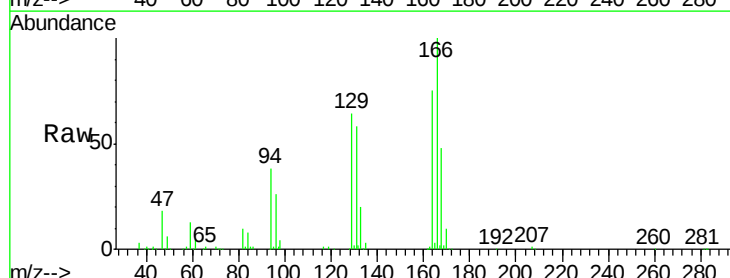
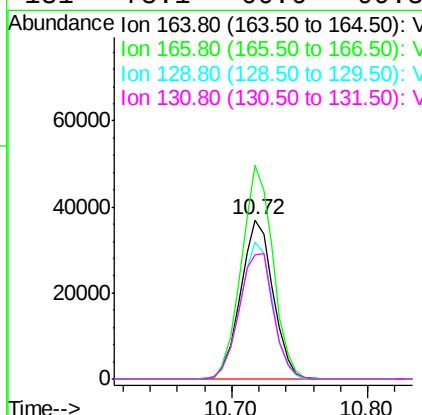
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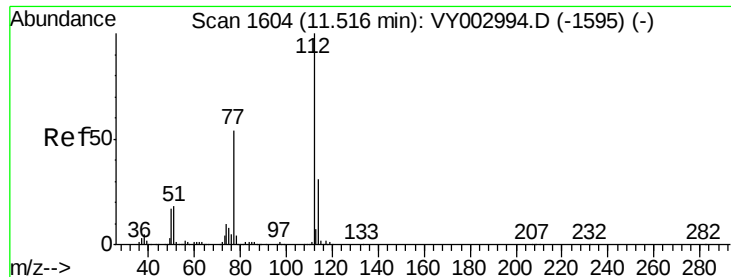
MMDadoda
6/26/2020 11:22:12 AM



#64
Tetrachloroethene
Concen: 11.604 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	61478		
166	134.2	106.8	160.2	
129	85.7	69.9	104.9	
131	78.1	66.6	99.8	





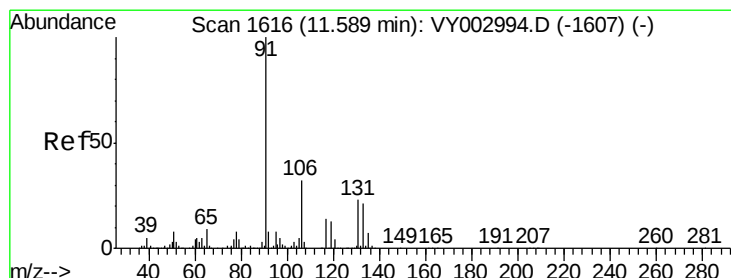
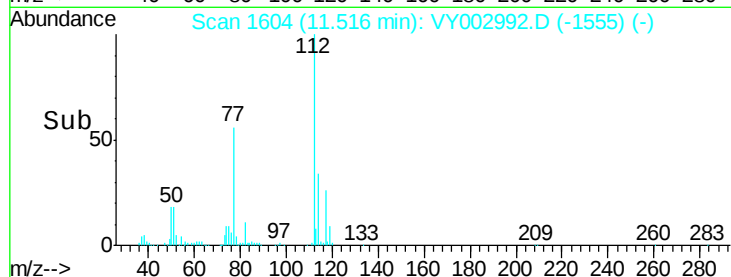
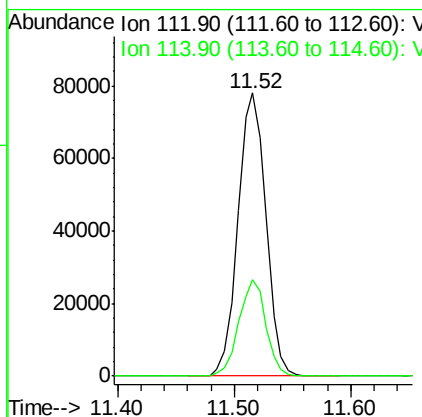
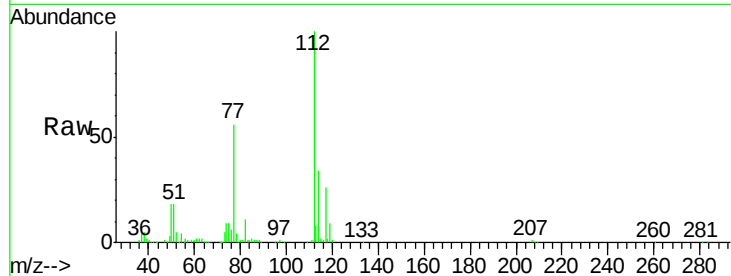
#65
Chlorobenzene
Concen: 10.940 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
112	100		
114	34.2	25.0	37.4

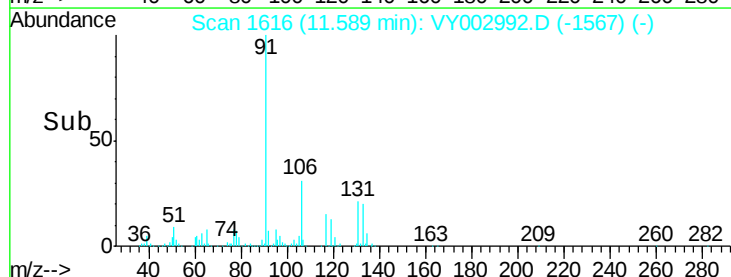
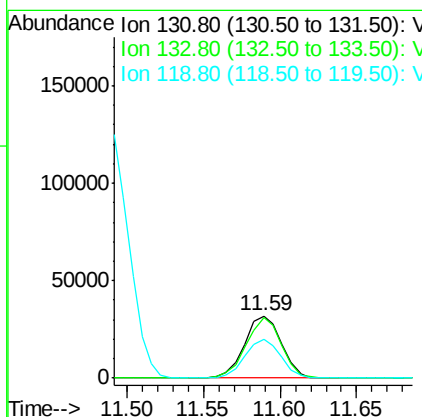
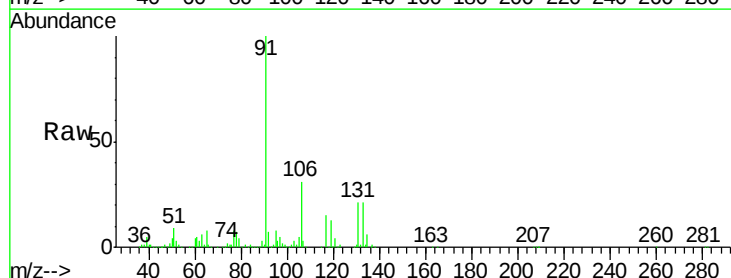
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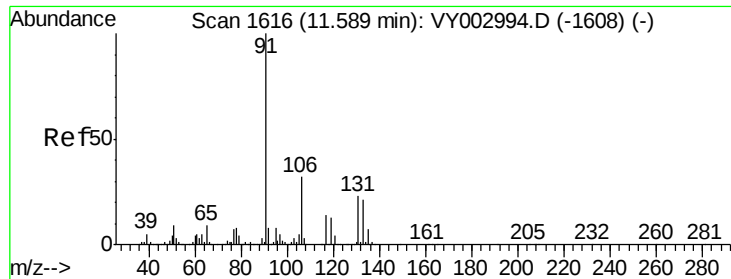
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#66
1,1,1,2-Tetrachloroethane
Concen: 11.759 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.4	48.2	144.6
119	61.0	30.1	90.5





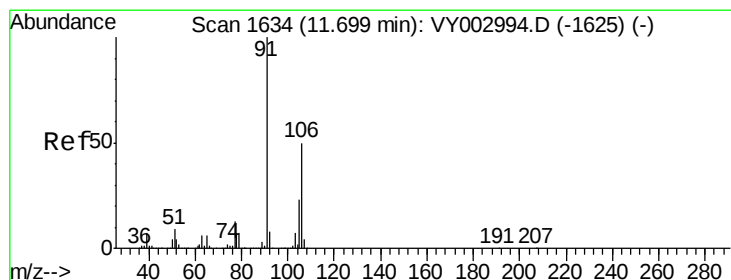
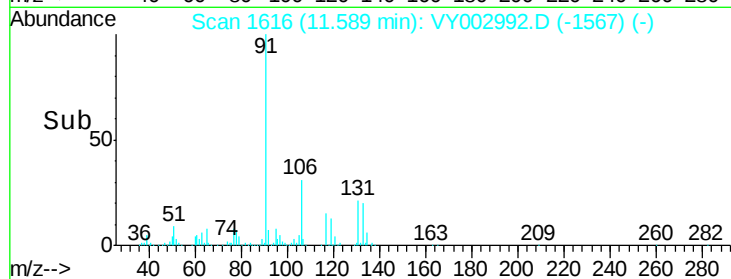
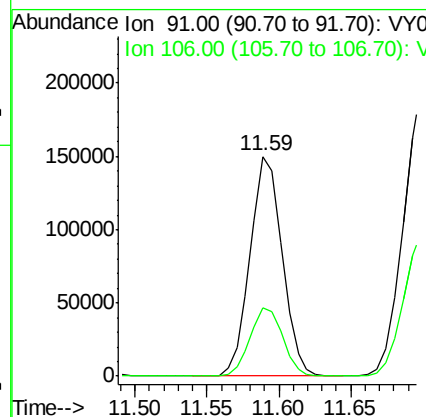
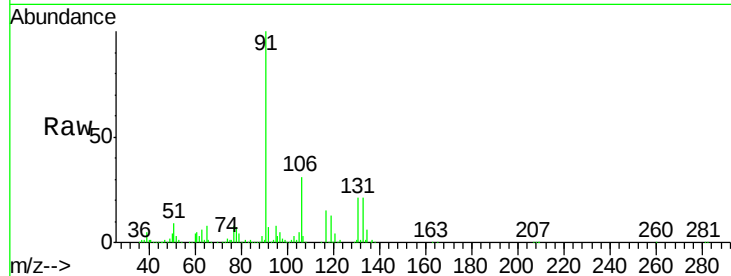
#67
Ethyl Benzene
Concen: 11.239 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.9	38.9

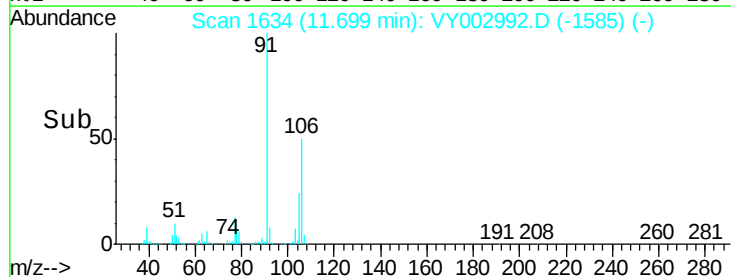
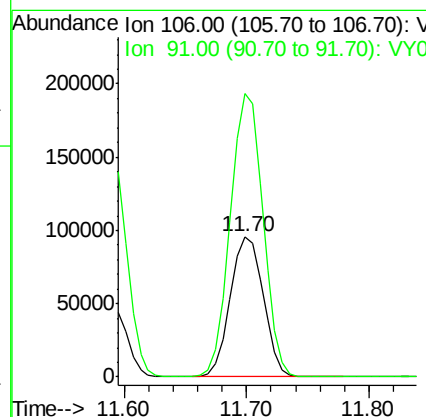
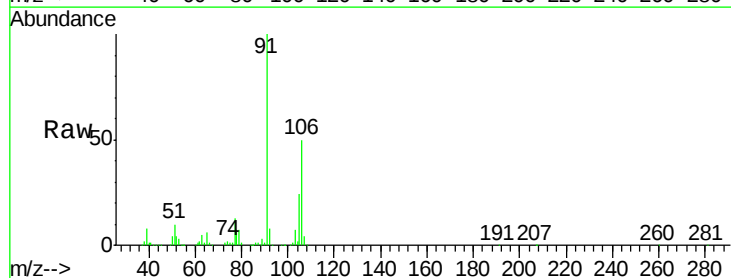
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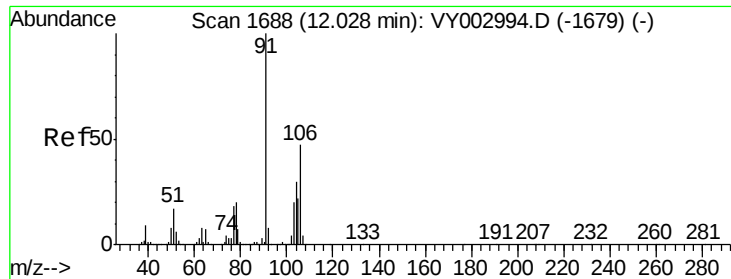
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#68
m/p-Xylenes
Concen: 22.388 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.5	160.0	240.0





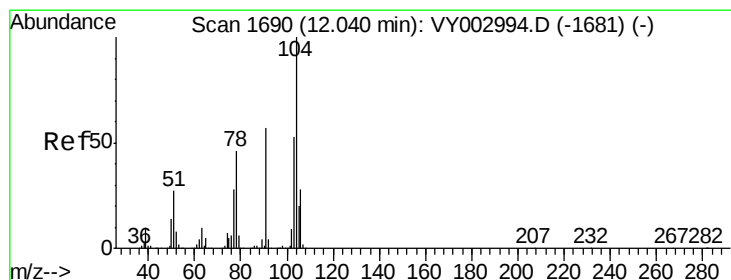
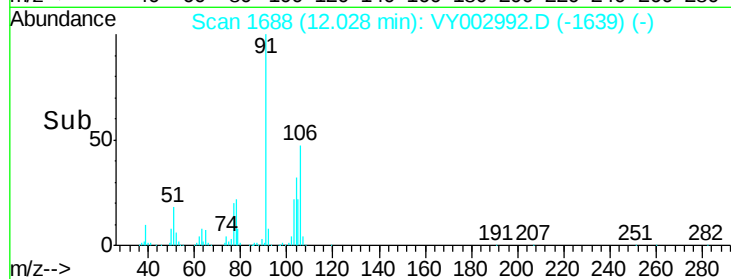
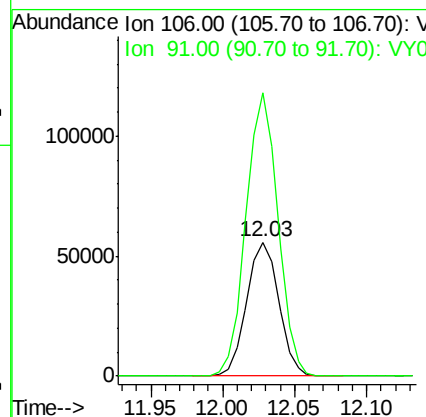
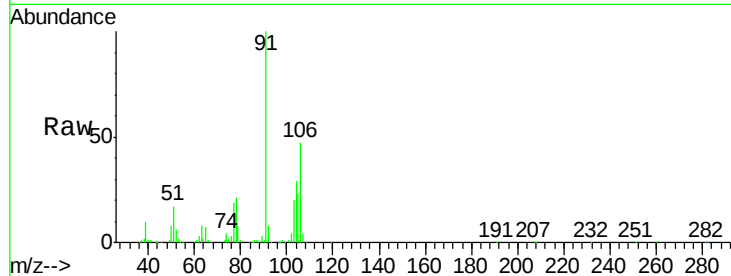
#69
o-Xylene
Concen: 11.471 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 86229
Ion Ratio Lower Upper
106 100
91 210.6 105.8 317.3

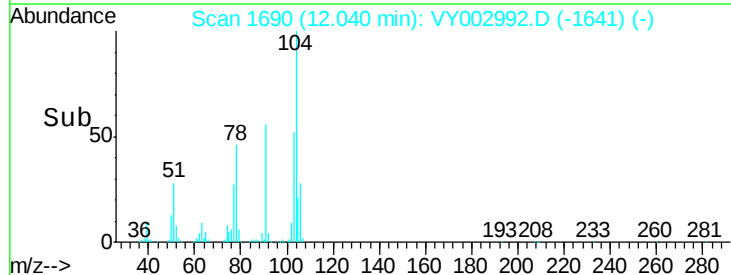
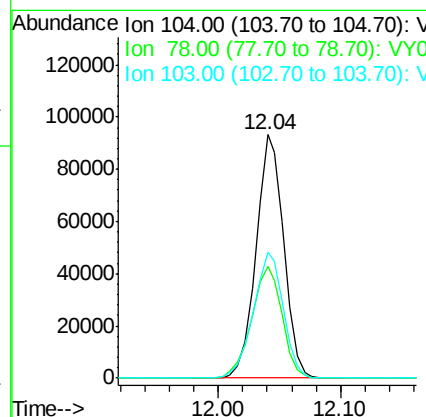
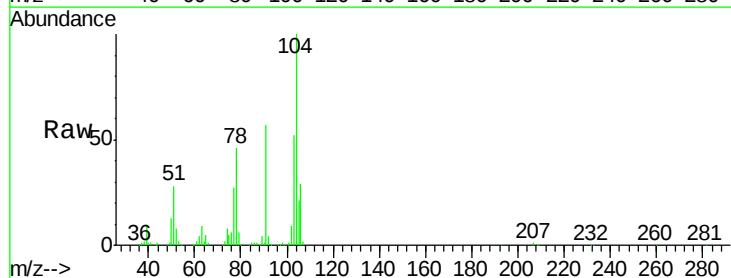
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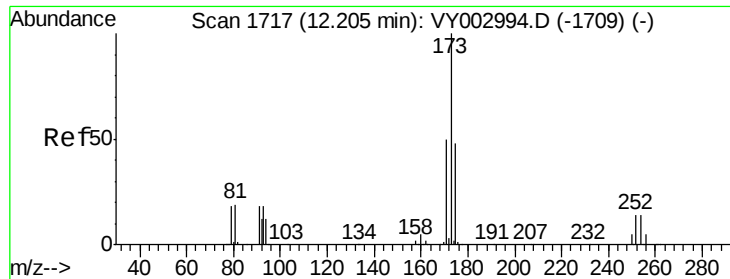
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#70
Styrene
Concen: 11.292 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion:104 Resp: 146623
Ion Ratio Lower Upper
104 100
78 50.4 40.0 60.0
103 56.4 44.3 66.5





#71

Bromoform

Concen: 11.699 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:173 Resp: 36106

Ion Ratio Lower Upper

173 100

175 49.5 24.1 72.2

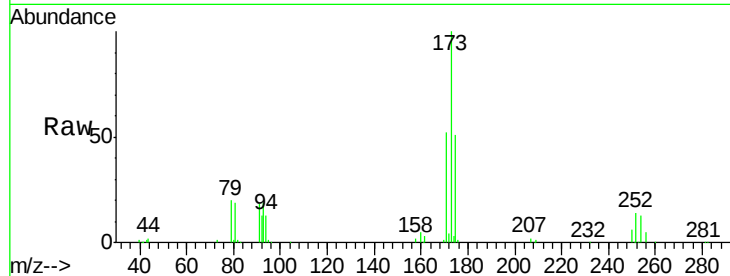
254 0.0 0.2 0.4#

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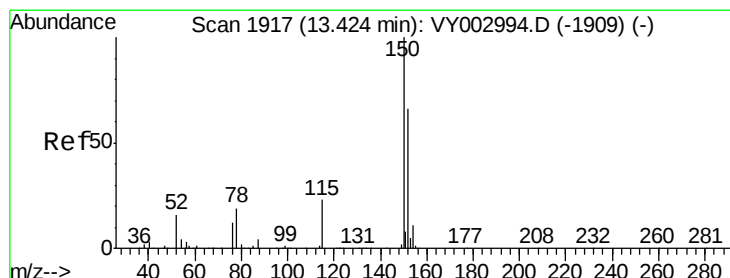
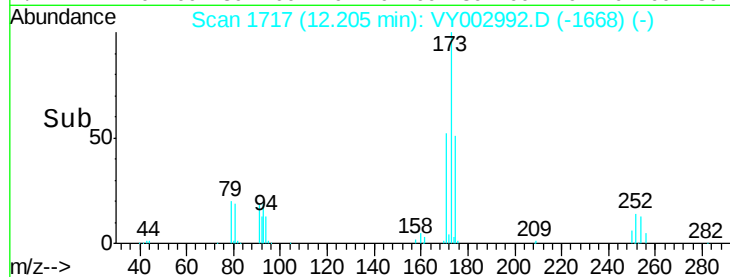
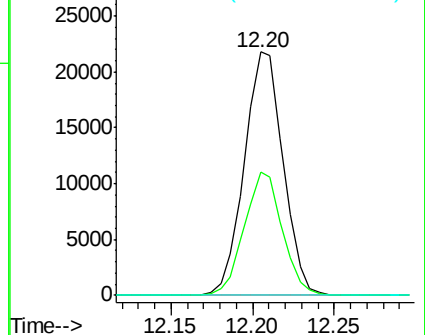
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VY002992.D

Acq: 25 Jun 2020 11:48

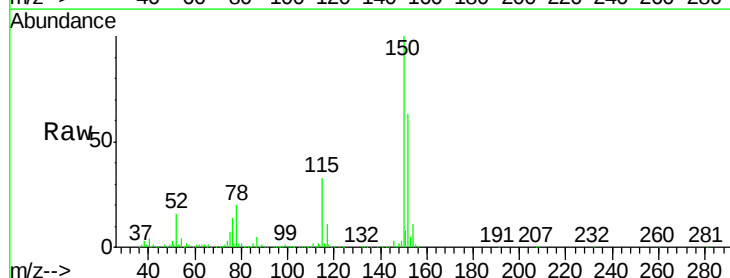
Tgt Ion:152 Resp: 326345

Ion Ratio Lower Upper

152 100

115 53.2 26.3 78.8

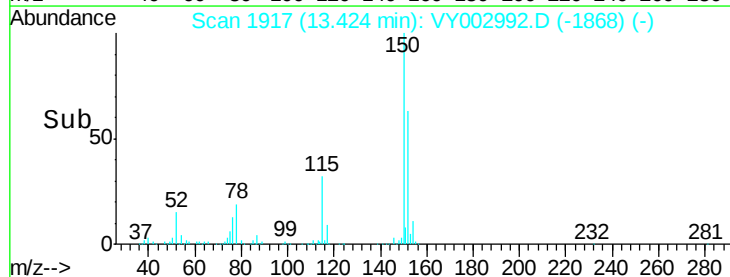
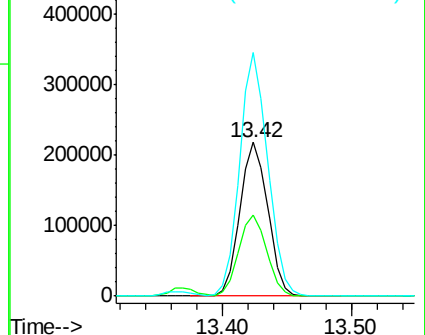
150 160.0 0.0 346.4

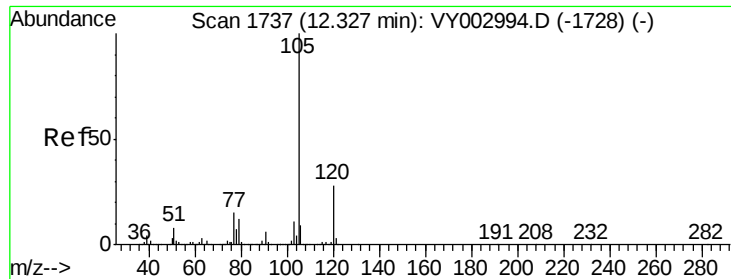


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 11.884 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 105 Resp: 236149

Ion Ratio Lower Upper

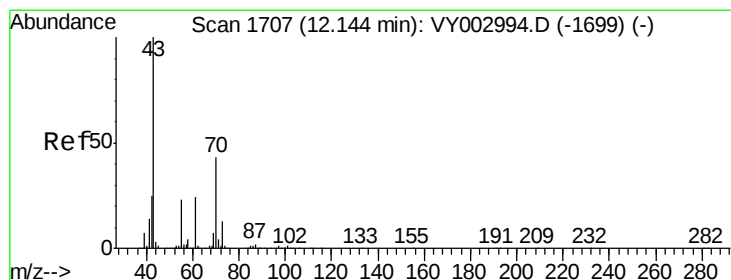
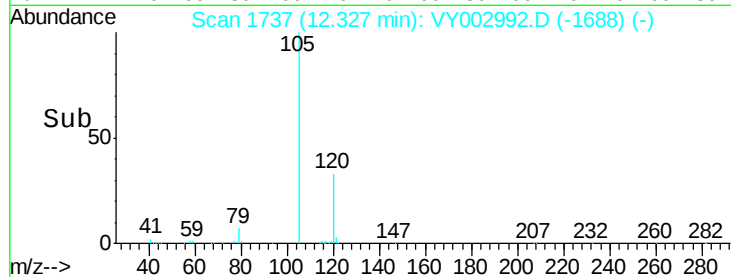
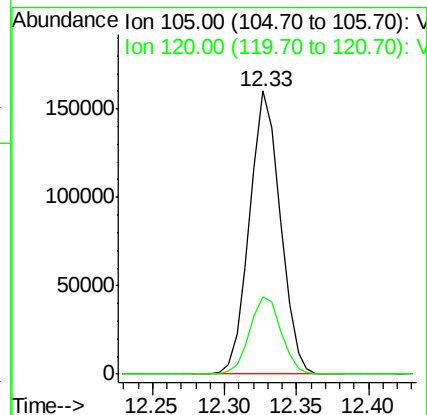
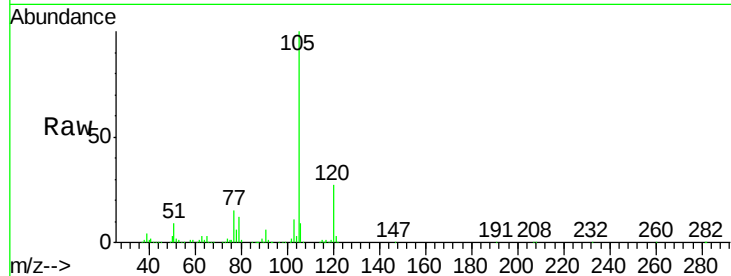
105 100

120 27.8 13.8 41.3

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#74

N-ethyl acetate

Concen: 12.168 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Tgt Ion: 43 Resp: 63433

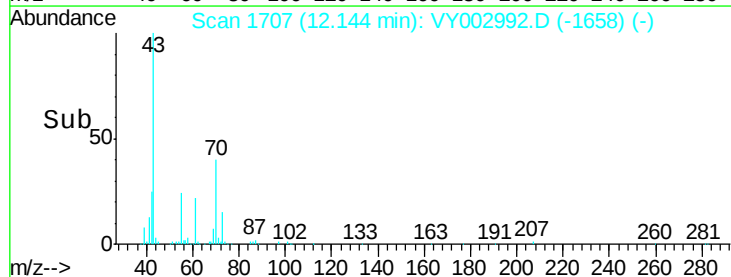
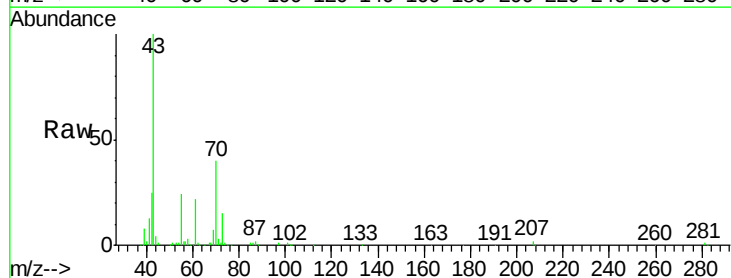
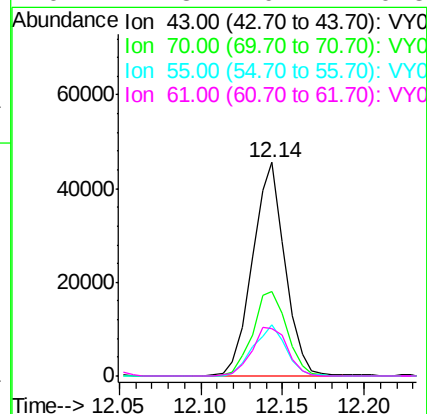
Ion Ratio Lower Upper

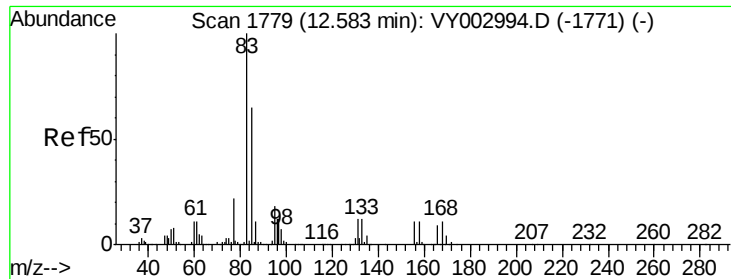
43 100

70 42.0 34.4 51.6

55 24.0 18.8 28.2

61 24.8 19.7 29.5





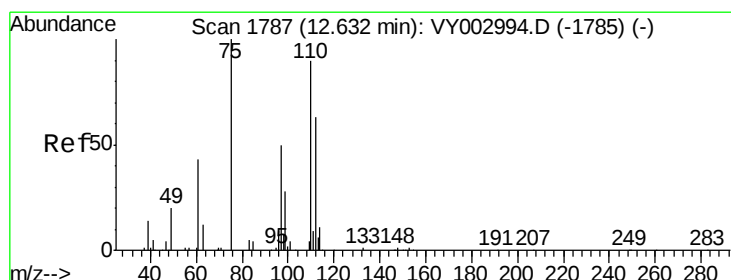
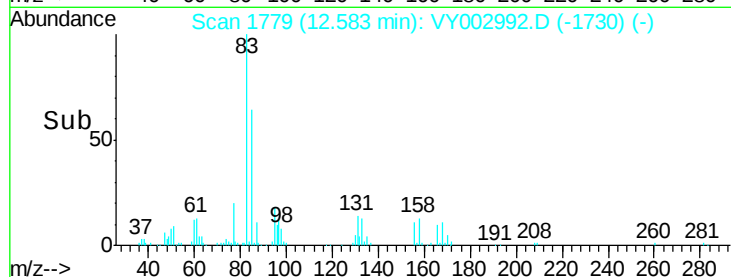
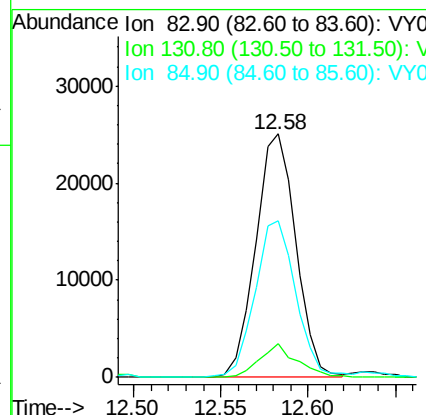
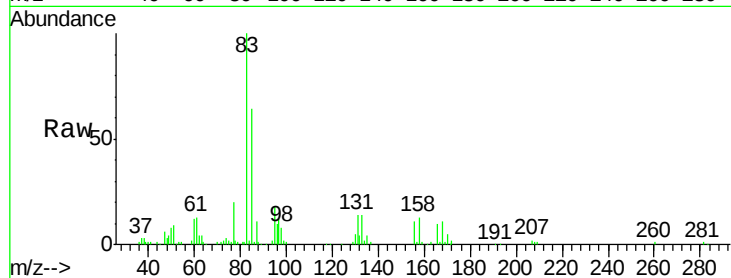
#75
 1,1,2,2-Tetrachloroethane
 Concen: 10.864 ug/l
 RT: 12.58 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	83	Resp	40001
Ion Ratio	100	Lower	Upper
83	100		
131	12.7	6.3	18.8
85	65.6	32.4	97.2

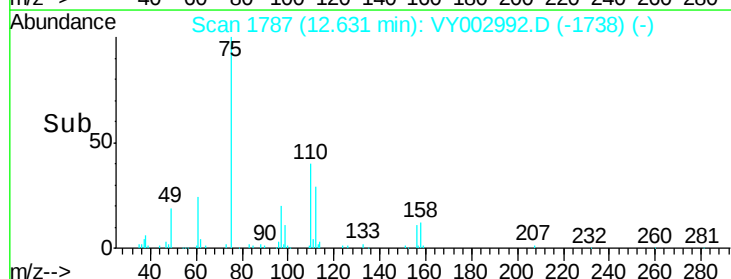
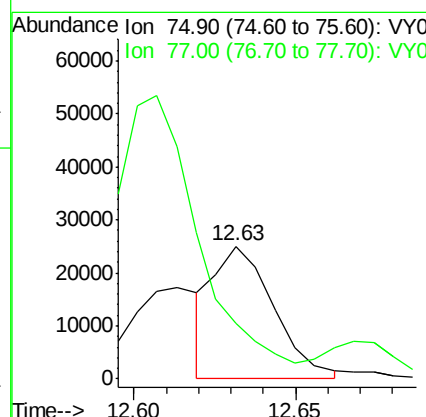
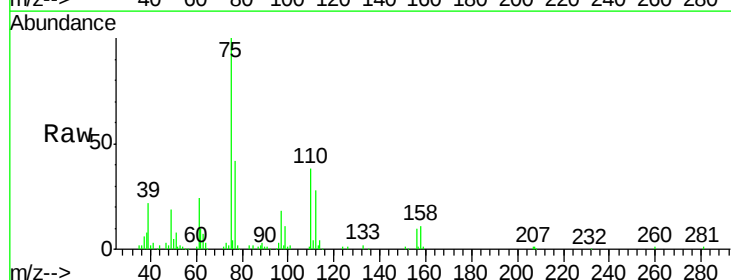
Manual Integrations
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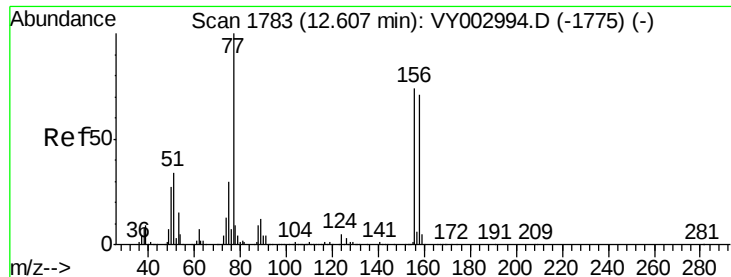
MMDadoda
 6/26/2020 11:22:12 AM



#76
 1,2,3-Trichloropropane
 Concen: 11.459 ug/l m
 RT: 12.63 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion	75	Resp	32358
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 12.133 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

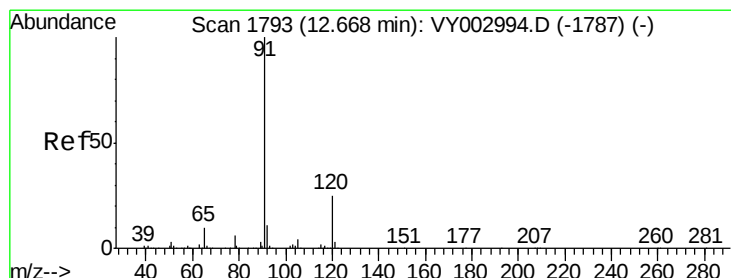
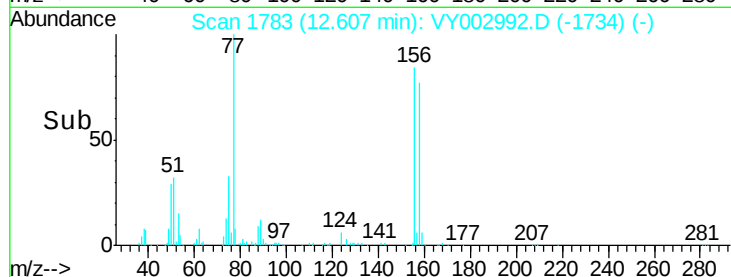
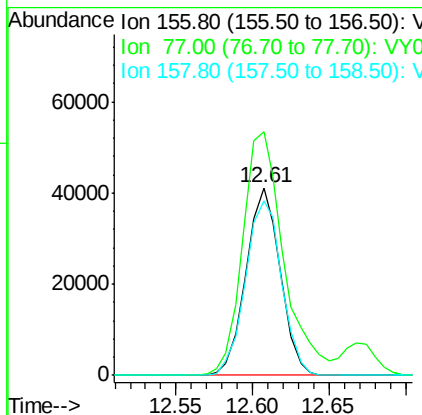
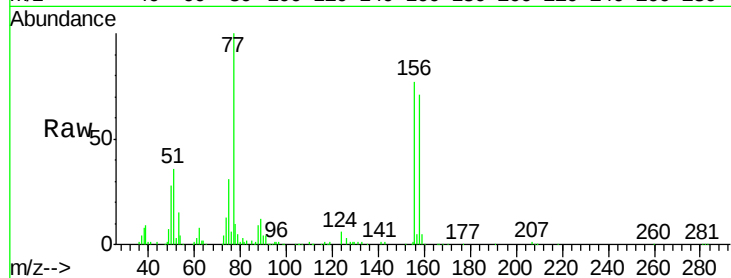
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
156	100		
77	156.1	77.3	231.9
158	98.3	48.9	146.8

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#78

n-propylbenzene

Concen: 11.849 ug/l

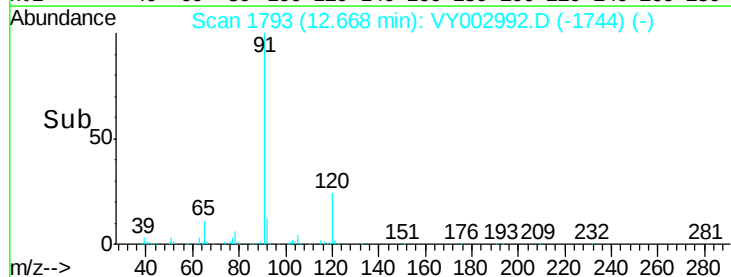
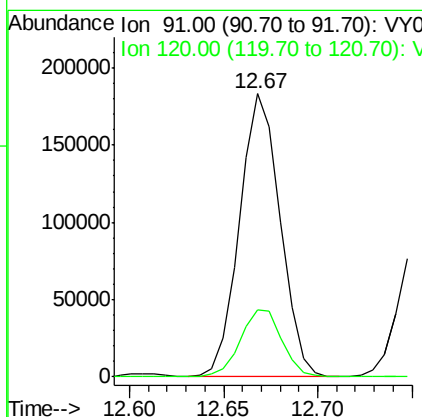
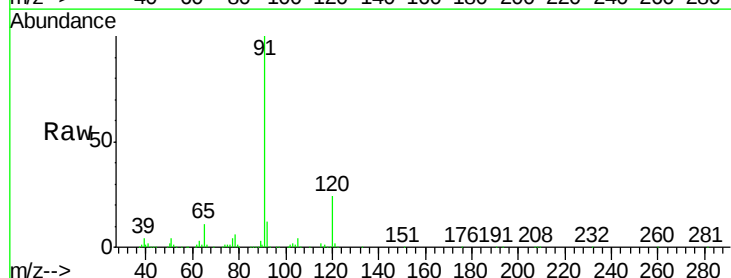
RT: 12.67 min Scan# 1793

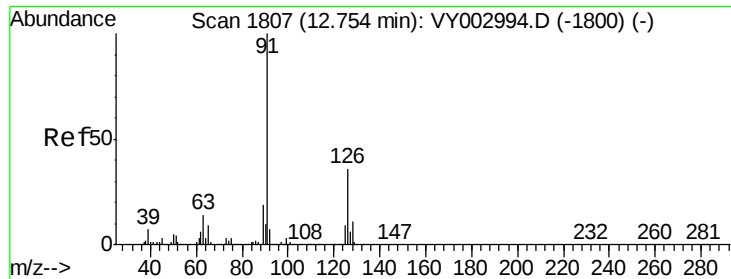
Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.4	37.4





#79

2-Chlorotoluene

Concen: 12.027 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 155373

Ion Ratio Lower Upper

91 100

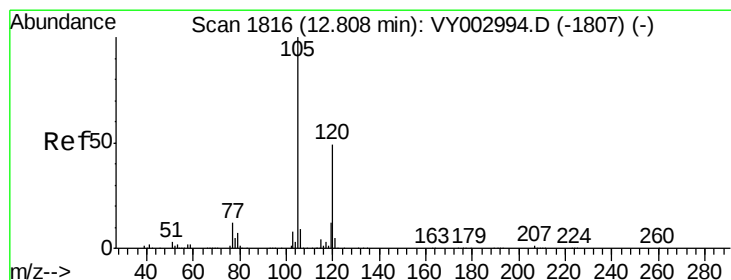
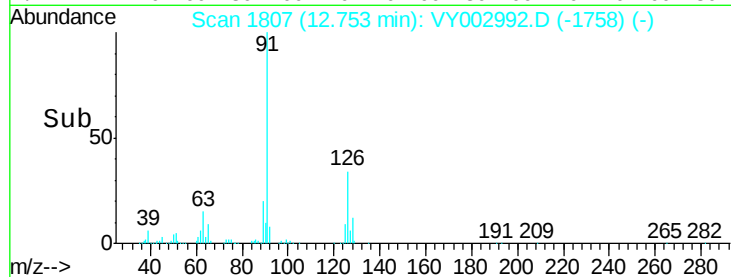
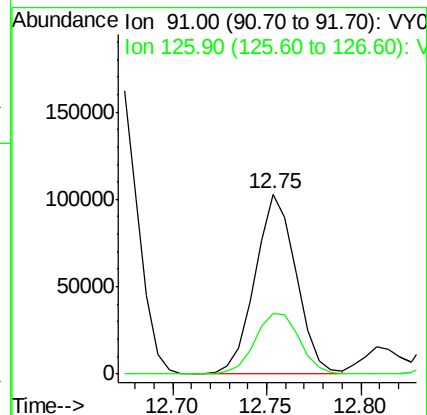
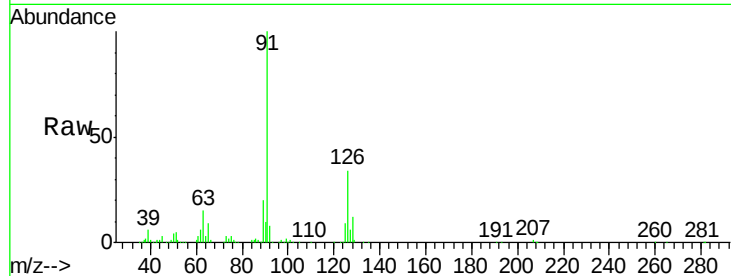
126 36.8 18.4 55.0

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#80

1,3,5-Trimethylbenzene

Concen: 12.092 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY002992.D

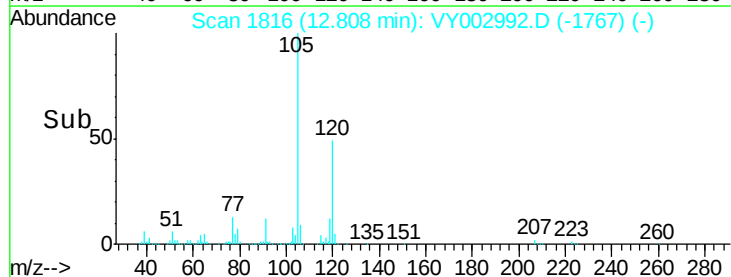
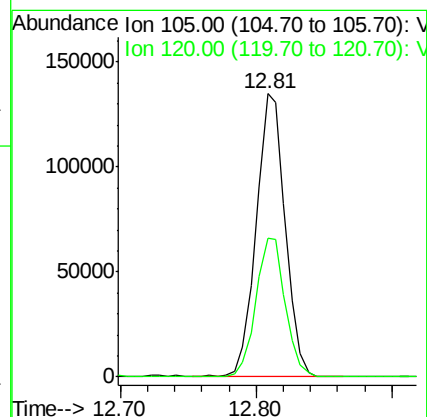
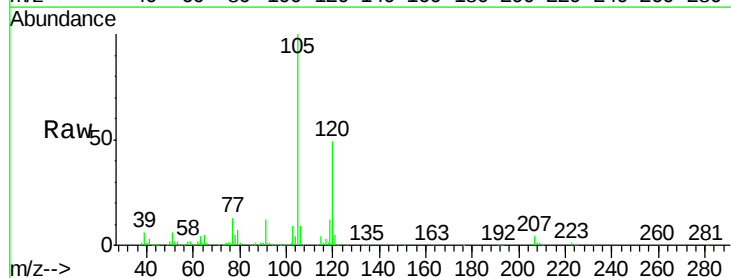
Acq: 25 Jun 2020 11:48

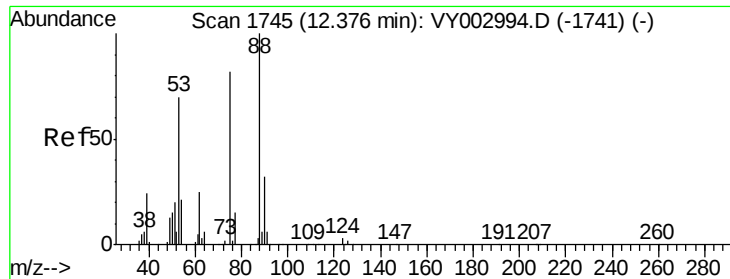
Tgt Ion: 105 Resp: 201760

Ion Ratio Lower Upper

105 100

120 49.7 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 10.990 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Instrument :

MSVOA_Y

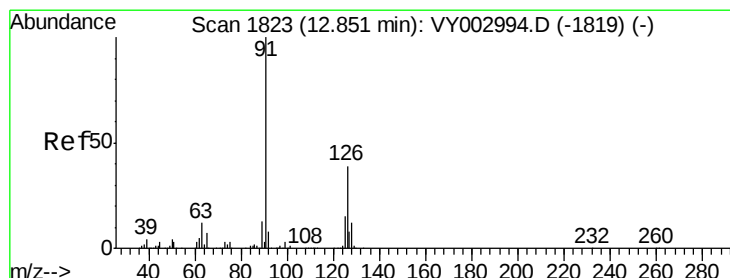
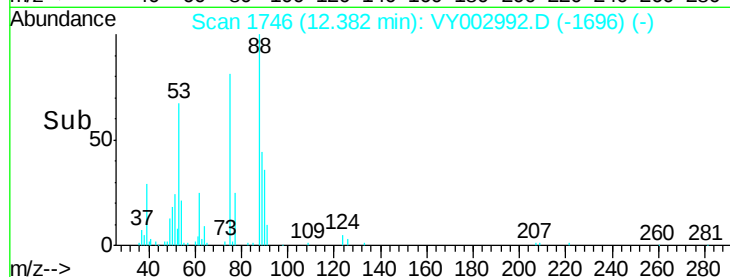
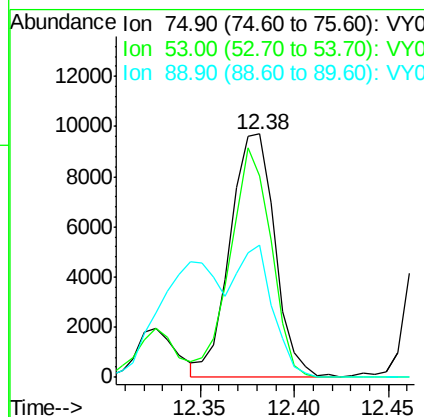
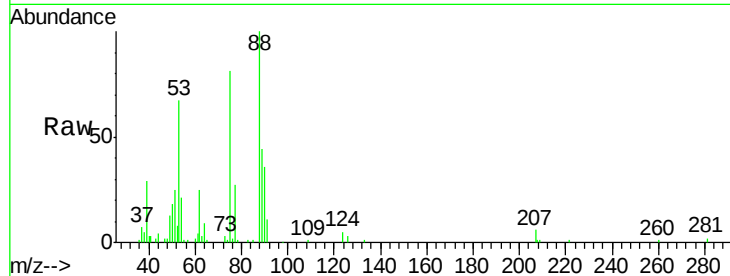
ClientSampleId :

VSTDIC010

Tot Ion:	75	Resp:	16032
Ion	Ratio	Lower	Upper
75	100		
53	86.3	72.2	108.4
89	44.1	35.0	52.4

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#82

4-Chlorotoluene

Concen: 12.107 ug/l

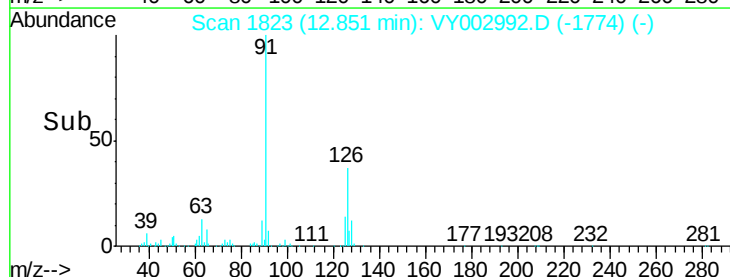
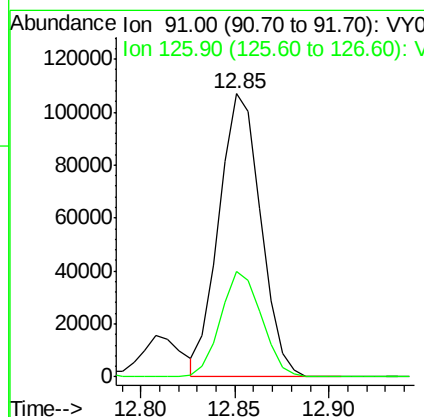
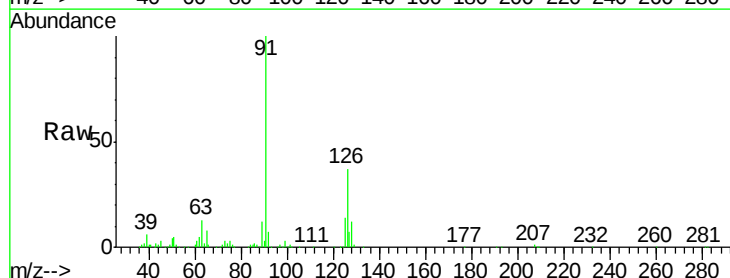
RT: 12.85 min Scan# 1823

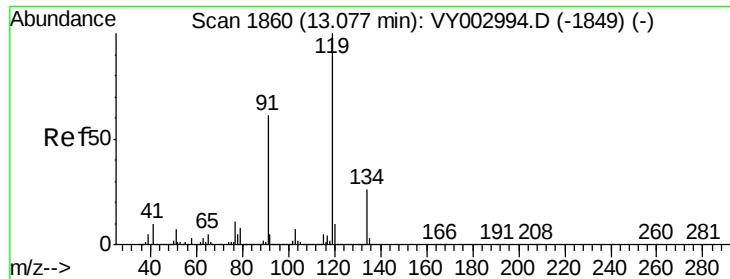
Delta R.T. -0.00 min

Lab File: VY002992.D

Acq: 25 Jun 2020 11:48

Tgt Ion:	91	Resp:	164528
Ion	Ratio	Lower	Upper
91	100		
126	36.8	18.4	55.2





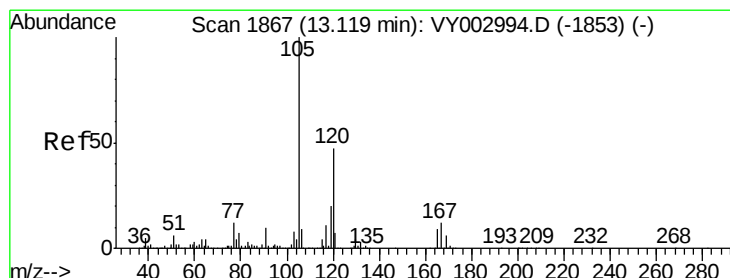
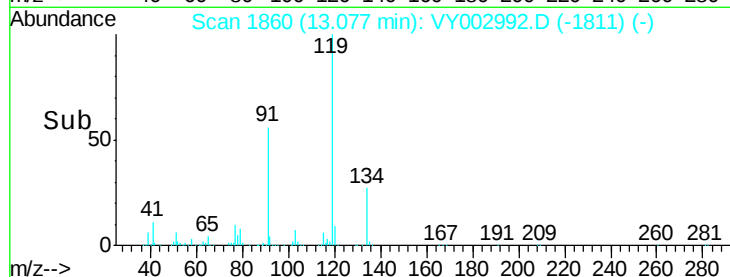
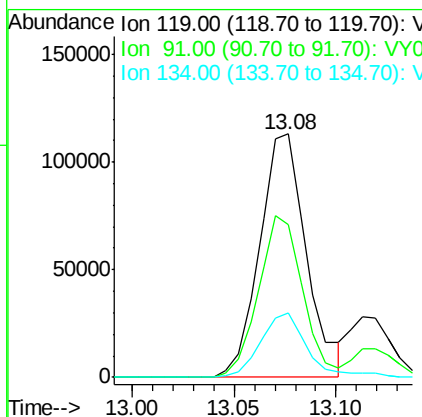
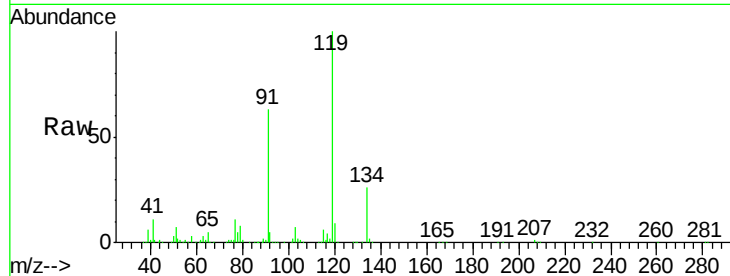
#83
tert-Butylbenzene
Concen: 12.018 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	180535		
91	63.0		31.4	94.2
134	26.5		13.4	40.1

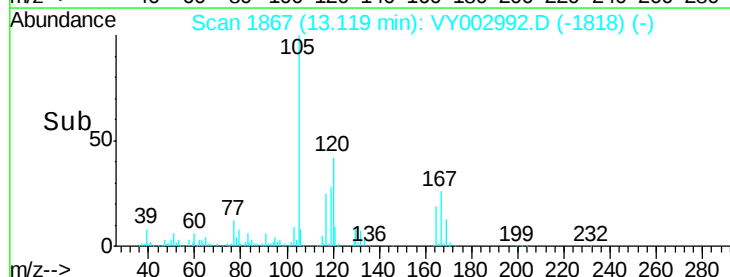
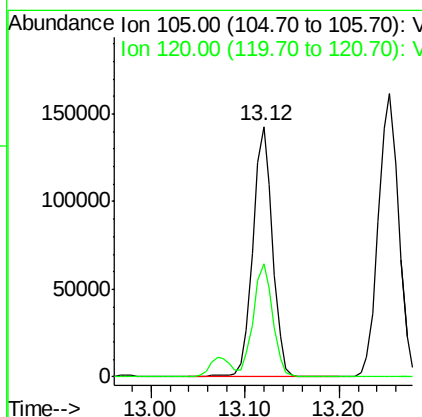
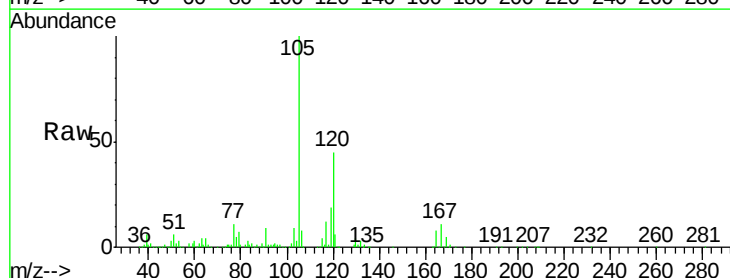
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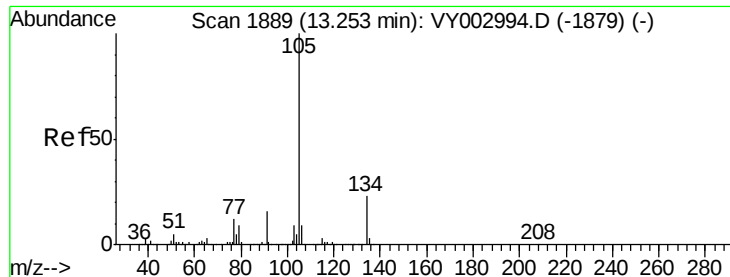
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#84
1,2,4-Trimethylbenzene
Concen: 12.493 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	209643		
120	45.2		23.1	69.2





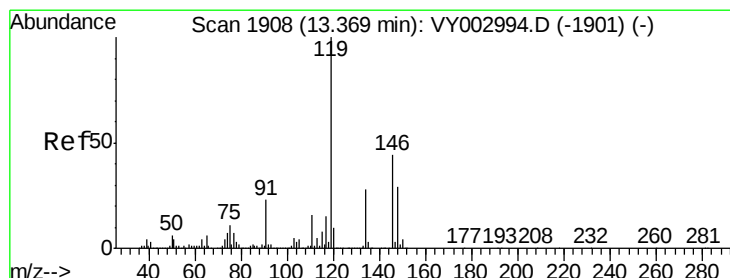
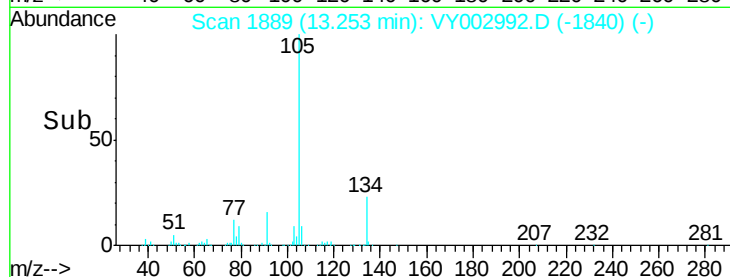
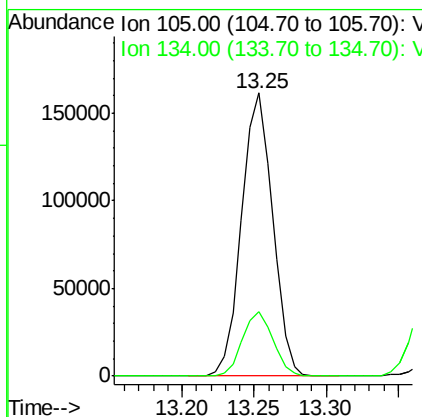
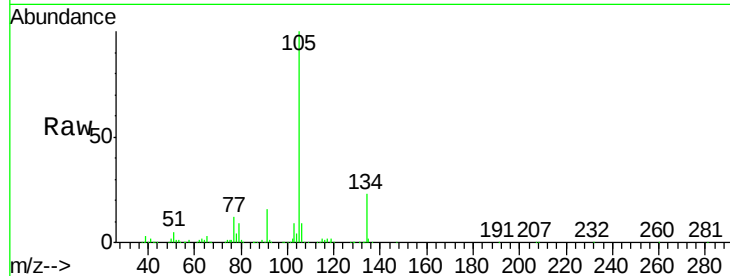
#85
 sec-Butylbenzene
 Concen: 12.010 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
134	22.3	11.1	33.3

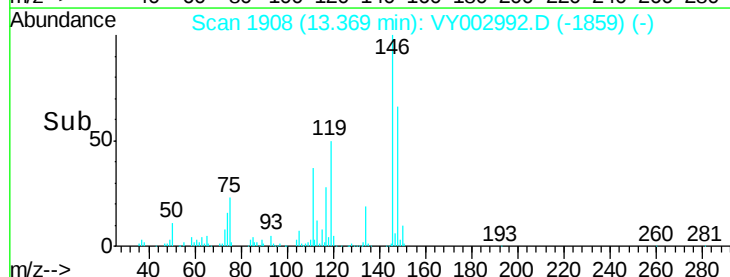
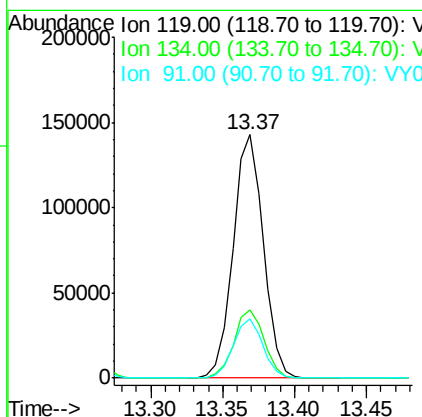
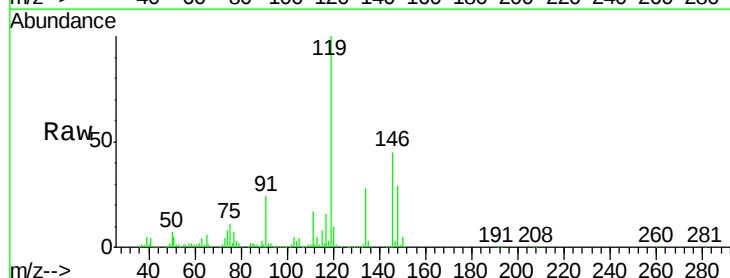
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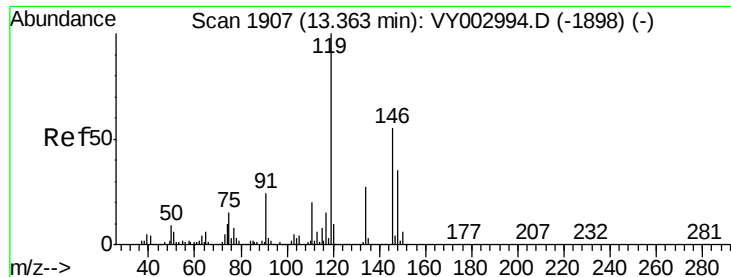
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#86
 p-Isopropyltoluene
 Concen: 10.993 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.0	13.8	41.4
91	23.9	11.7	35.0





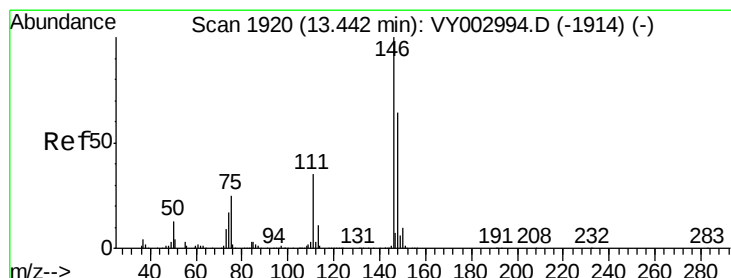
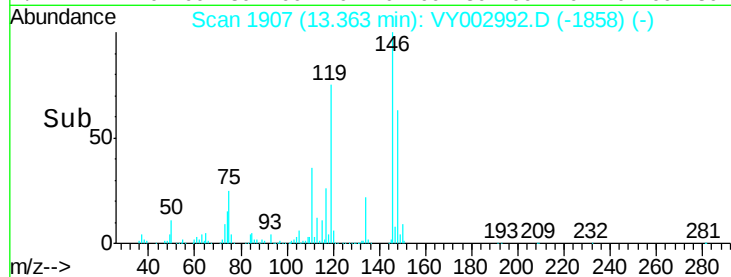
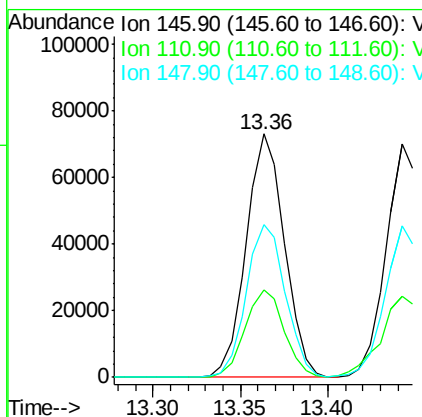
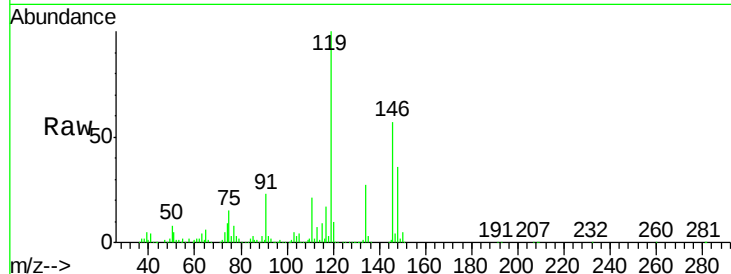
#87
 1,3-Dichlorobenzene
 Concen: 11.267 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.2
148	64.4	32.2	96.6

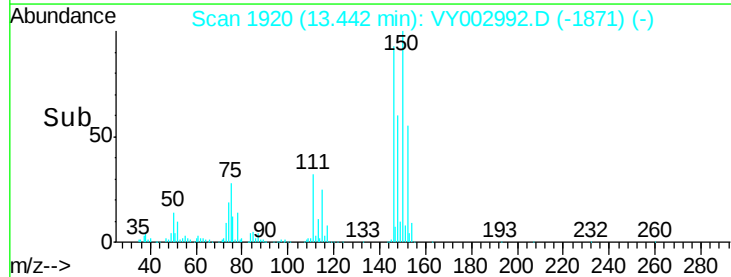
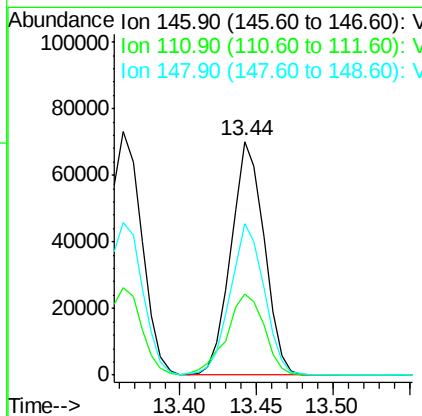
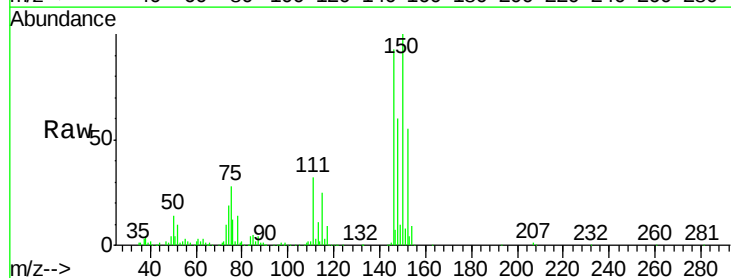
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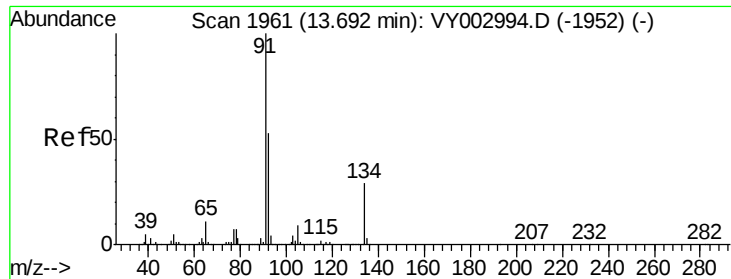
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#88
 1,4-Dichlorobenzene
 Concen: 10.643 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	17.8	53.4
148	66.3	32.3	96.8





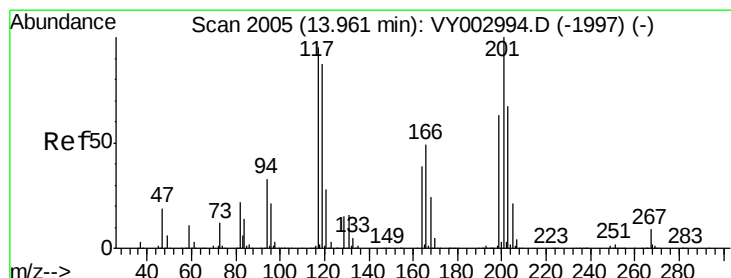
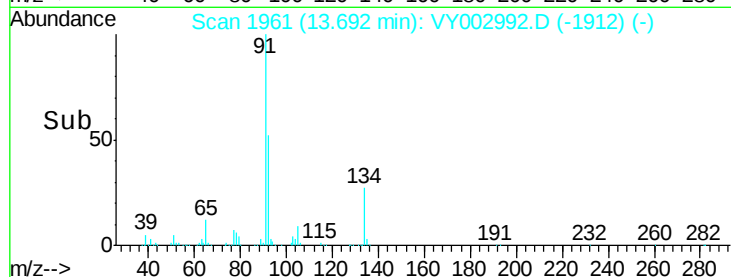
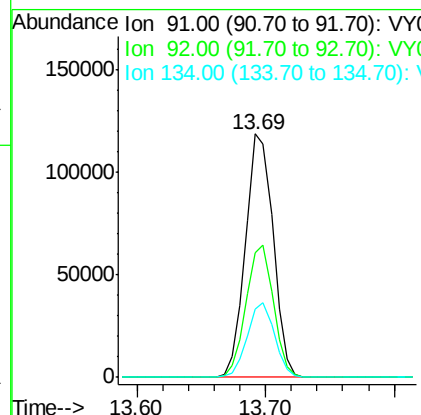
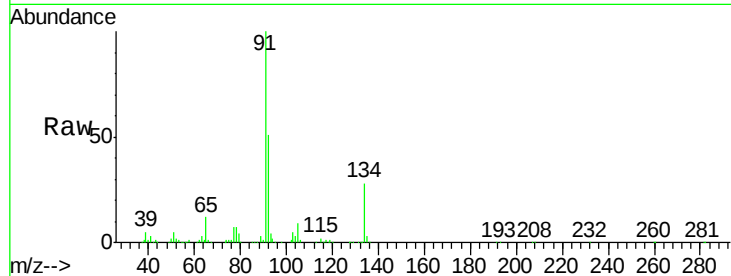
#89
n-Butylbenzene
Concen: 10.234 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.2	81.6
134	30.1	14.9	44.7

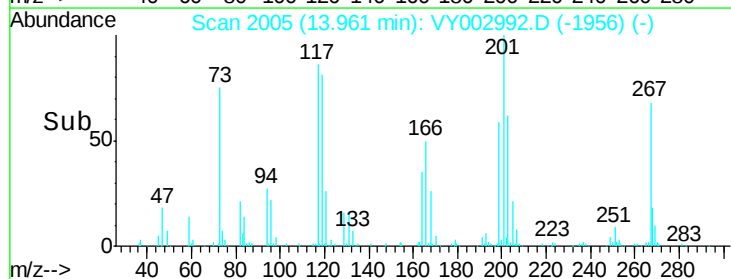
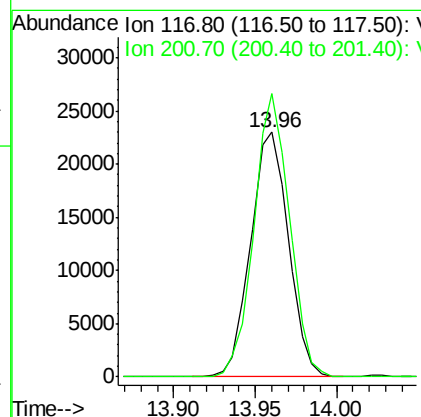
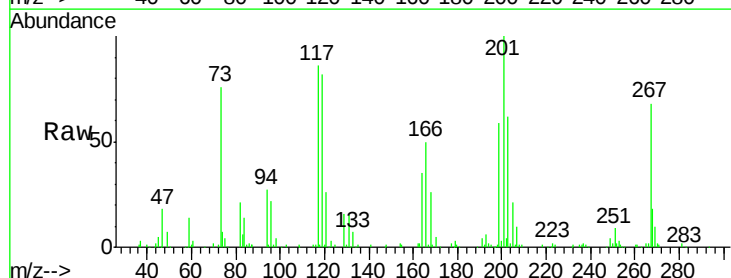
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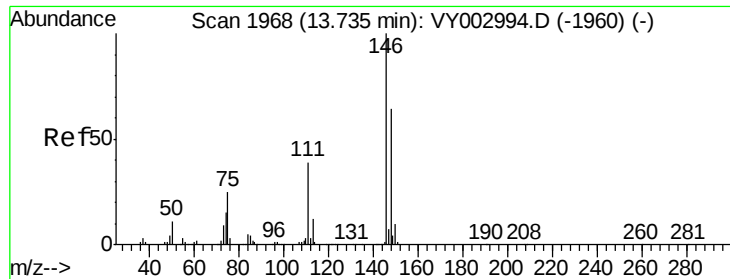
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#90
Hexachloroethane
Concen: 10.564 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	108.4	53.8	161.5





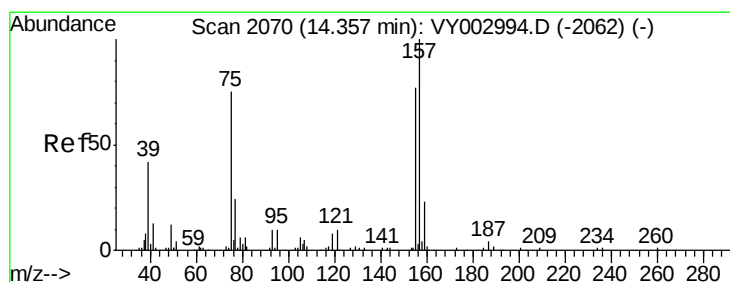
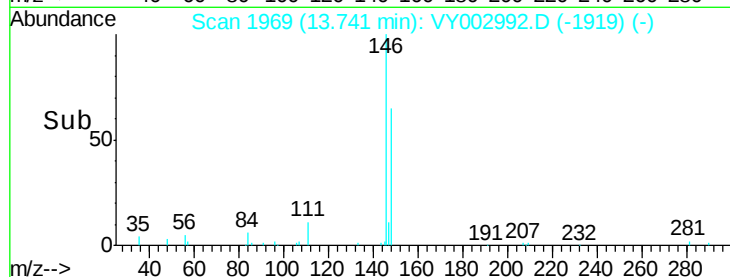
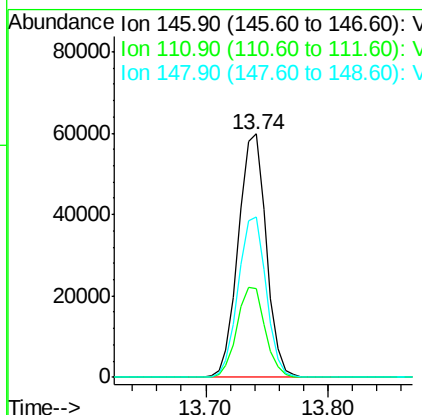
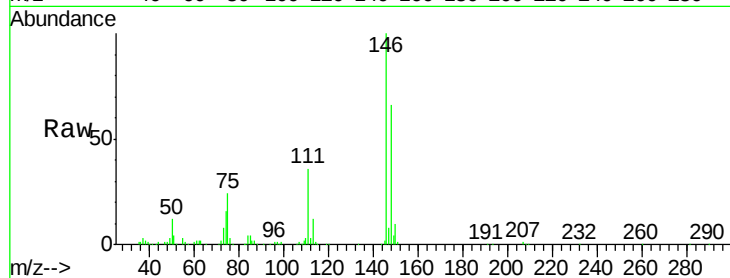
#91
 1,2-Dichlorobenzene
 Concen: 10.474 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.7
148	65.8	31.8	95.4

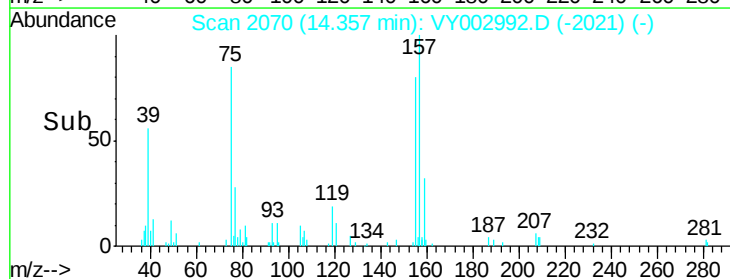
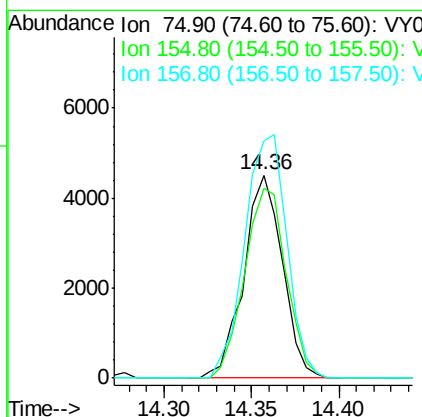
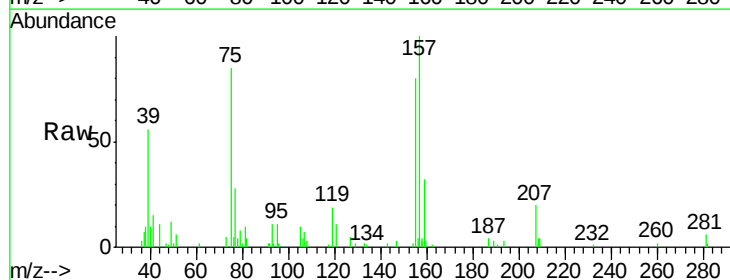
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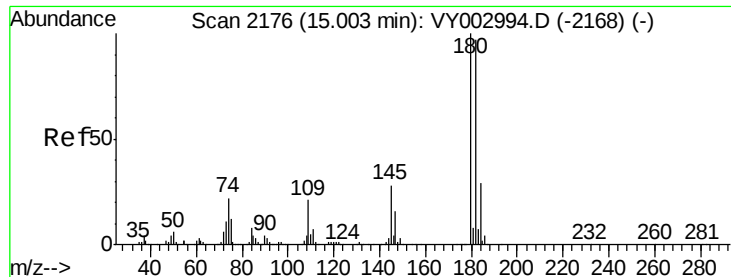
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.228 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.2	51.3	153.9
157	131.3	65.0	195.1





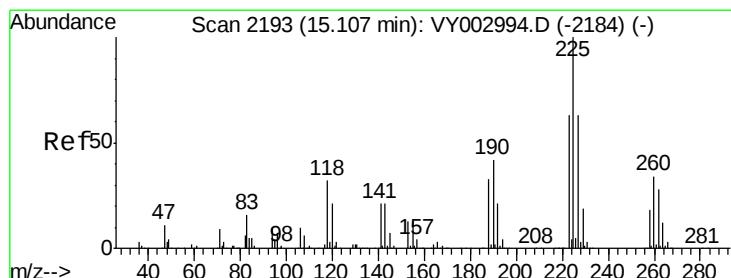
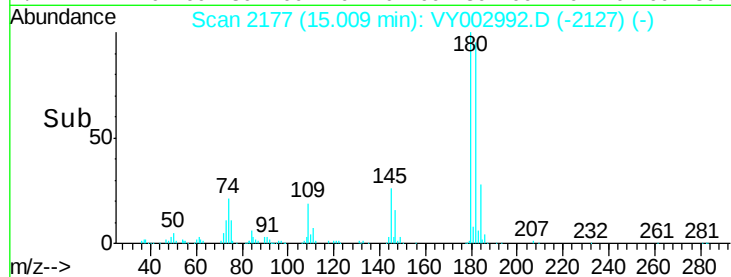
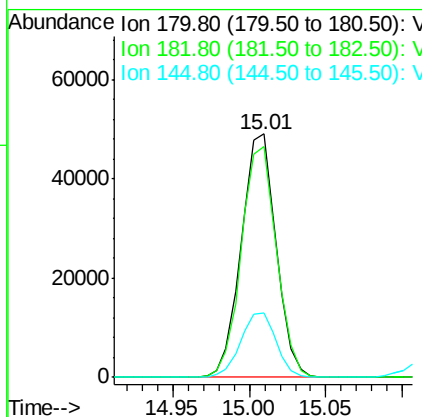
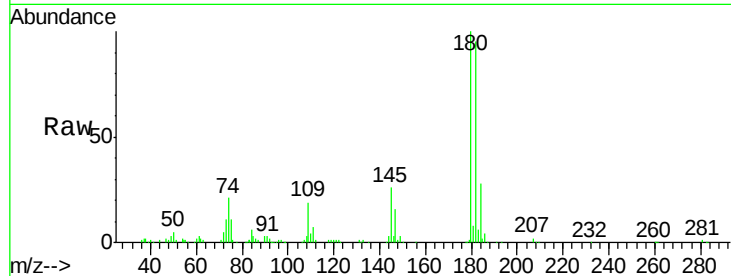
#93
 1,2,4-Trichlorobenzene
 Concen: 11.614 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	77505		
182	95.7	48.4	145.2	
145	26.8	13.5	40.5	

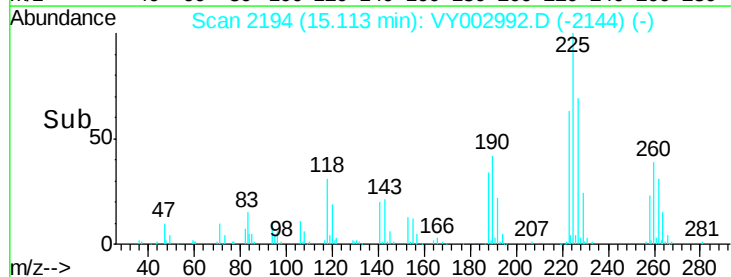
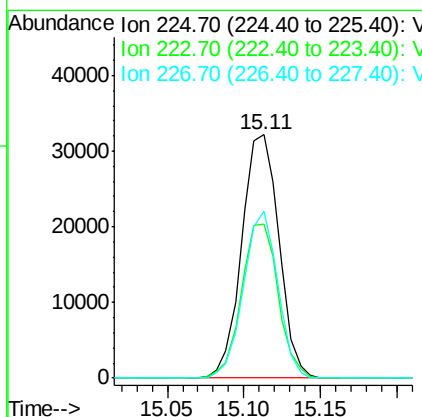
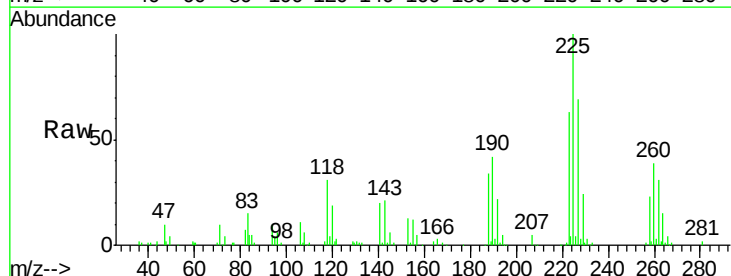
Manual Integrations
 APPROVED

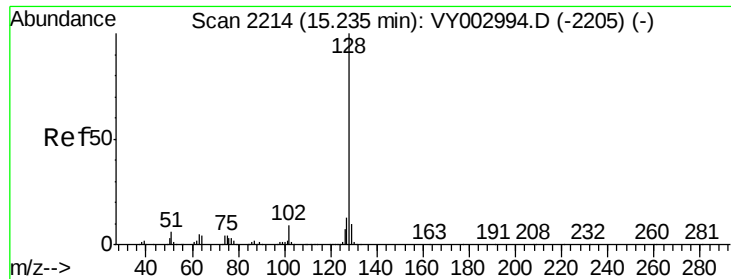
MMDadoda
 6/26/2020 11:22:12 AM



#94
 Hexachlorobutadiene
 Concen: 13.655 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY002992.D
 Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54429		
223	62.6	31.6	94.8	
227	63.1	32.2	96.6	





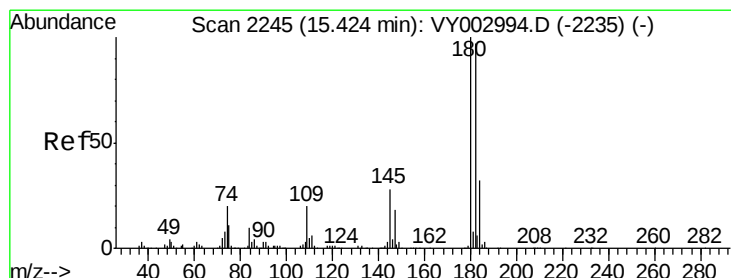
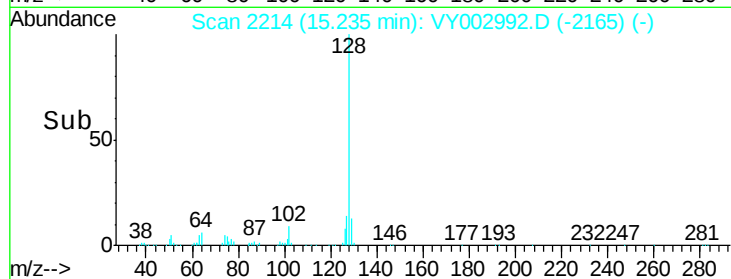
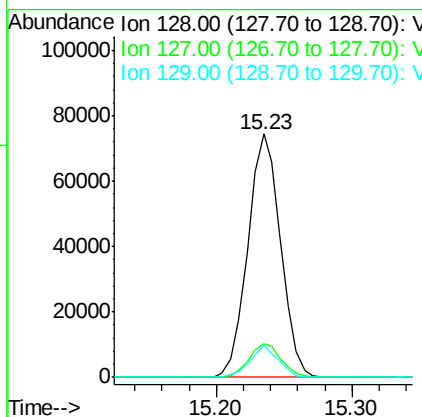
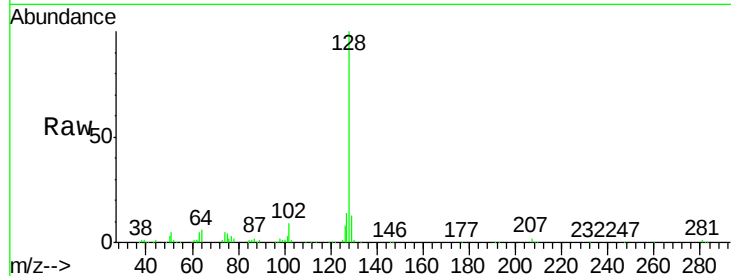
#95
Naphthalene
Concen: 9.655 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
128	100	125236		
127	13.7		10.7	16.1
129	11.4		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/26/2020 11:22:12 AM



#96
1,2,3-Trichlorobenzene
Concen: 11.187 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002992.D
Acq: 25 Jun 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	66939		
182	96.5		47.1	141.4
145	29.8		14.0	42.0

