

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
 Data File : VY002995.D
 Acq On : 25 Jun 2020 12:57
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:22:18 AM

Quant Time: Jun 25 18:40:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 25 18:33:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	500960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	633907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	616853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	310708	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	437680	102.10	ug/l	0.00
Spiked Amount			Recovery	=	204.20%	
35) Dibromofluoromethane	7.72	113	402046	101.11	ug/l	0.00
Spiked Amount			Recovery	=	202.22%	
50) Toluene-d8	10.18	98	1605008	105.28	ug/l	0.00
Spiked Amount			Recovery	=	210.56%	
62) 4-Bromofluorobenzene	12.48	95	594786	104.54	ug/l	0.00
Spiked Amount			Recovery	=	209.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	279386	92.971	ug/l	99
3) Chloromethane	2.12	50	378780	91.613	ug/l	98
4) Vinyl Chloride	2.26	62	393640	94.939	ug/l	100
5) Bromomethane	2.65	94	305573	98.788	ug/l	96
6) Chloroethane	2.79	64	260468	96.797	ug/l	100
7) Trichlorofluoromethane	3.13	101	760789	96.647	ug/l	99
8) Diethyl Ether	3.54	74	220430	93.011	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	385807	93.916	ug/l	98
10) Methyl Iodide	4.10	142	567225	98.685	ug/l	100
11) Tert butyl alcohol	4.97	59	181748	424.946	ug/l	99
12) 1,1-Dichloroethene	3.88	96	379897	94.285	ug/l	97
13) Acrolein	3.73	56	207805	486.297	ug/l	99
14) Allyl chloride	4.49	41	596257	93.293	ug/l	100
15) Acrylonitrile	5.17	53	513152	471.448	ug/l	98
16) Acetone	3.95	43	440463	480.149	ug/l	100
17) Carbon Disulfide	4.20	76	1160935	93.945	ug/l	99
18) Methyl Acetate	4.48	43	222293	92.382	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	1088177	96.309	ug/l	99
20) Methylene Chloride	4.72	84	424607	79.171	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	418652	93.822	ug/l	97
22) Diisopropyl ether	6.13	45	1172395	91.106	ug/l	99
23) Vinyl Acetate	6.07	43	4039525	464.236	ug/l	100
24) 1,1-Dichloroethane	6.03	63	679904	91.836	ug/l	99
25) 2-Butanone	6.99	43	653735	454.900	ug/l	100
26) 2,2-Dichloropropane	6.99	77	659550	88.534	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	453050	91.006	ug/l	99
28) Bromochloromethane	7.34	49	296966	100.987	ug/l	98
29) Tetrahydrofuran	7.35	42	438426	460.774	ug/l	99
30) Chloroform	7.52	83	763772	97.364	ug/l	98
31) Cyclohexane	7.79	56	625343	90.296	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	699605	94.428	ug/l	99
36) 1,1-Dichloropropene	7.93	75	596943	100.371	ug/l	99
37) Ethyl Acetate	7.08	43	296123	88.696	ug/l	100
38) Carbon Tetrachloride	7.91	117	718593	99.998	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	638509	91.411	ug/l	97
40) Benzene	8.16	78	1534511	95.402	ug/l	99
41) Methacrylonitrile	7.33	41	156401m	34.538	ug/l	
42) 1,2-Dichloroethane	8.24	62	512823	99.055	ug/l	100
43) Isopropyl Acetate	8.28	43	599393	102.011	ug/l	100
44) Trichloroethene	8.94	130	453763	90.430	ug/l	99
45) 1,2-Dichloropropane	9.22	63	335633	90.183	ug/l	98
46) Dibromomethane	9.31	93	213114	94.468	ug/l	98
47) Bromodichloromethane	9.50	83	521410	93.160	ug/l	98
48) Methyl methacrylate	9.30	41	251312	93.330	ug/l	98
49) 1,4-Dioxane	9.30	88	45001	1708.850	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	1341656	442.236	ug/l	98
52) Toluene	10.25	92	1032240	96.303	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	635405	99.756	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	604991	91.570	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	337992	97.359	ug/l	99
56) Ethyl methacrylate	10.51	69	485443	101.288	ug/l	100
57) 1,3-Dichloropropane	10.79	76	560876	94.854	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	1101829	523.258	ug/l	99
59) 2-Hexanone	10.83	43	1072862	484.740	ug/l	99
60) Dibromochloromethane	10.99	129	483266	100.801	ug/l	99
61) 1,2-Dibromoethane	11.09	107	332522	95.253	ug/l	98
64) Tetrachloroethene	10.72	164	560859	97.925	ug/l	95
65) Chlorobenzene	11.52	112	1179036	96.151	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	482632	97.312	ug/l	99
67) Ethyl Benzene	11.60	91	2073450	96.639	ug/l	100
68) m/p-Xylenes	11.70	106	1564002	189.186	ug/l	100
69) o-Xylene	12.03	106	787025	99.716	ug/l	100
70) Styrene	12.04	104	1371487	101.824	ug/l	100
71) Bromoform	12.20	173	334448	98.534	ug/l #	98
73) Isopropylbenzene	12.33	105	2044622	101.164	ug/l	100
74) N-amyl acetate	12.14	43	572519	104.835	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	374368	104.220	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	273918m	52.235	ug/l	
77) Bromobenzene	12.61	156	590538	103.871	ug/l	99
78) n-propylbenzene	12.67	91	2306960	98.932	ug/l	100
79) 2-Chlorotoluene	12.75	91	1363475	102.556	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	1905153	106.854	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	155173	108.738	ug/l	98
82) 4-Chlorotoluene	12.85	91	1530505	107.505	ug/l	100
83) tert-Butylbenzene	13.07	119	1677868	106.954	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1874646	107.041	ug/l	99
85) sec-Butylbenzene	13.25	105	2041972	102.869	ug/l	100
86) p-Isopropyltoluene	13.37	119	1834202	98.024	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	985860	99.733	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	939028	96.713	ug/l	99
89) n-Butylbenzene	13.69	91	1485123	91.979	ug/l	99
90) Hexachloroethane	13.96	117	324316	95.723	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	819329	94.364	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	61259	98.345	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	665456	96.308	ug/l	99
94) Hexachlorobutadiene	15.11	225	449892	95.139	ug/l	99
95) Naphthalene	15.23	128	1108456	97.920	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	575227	96.510	ug/l	99

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

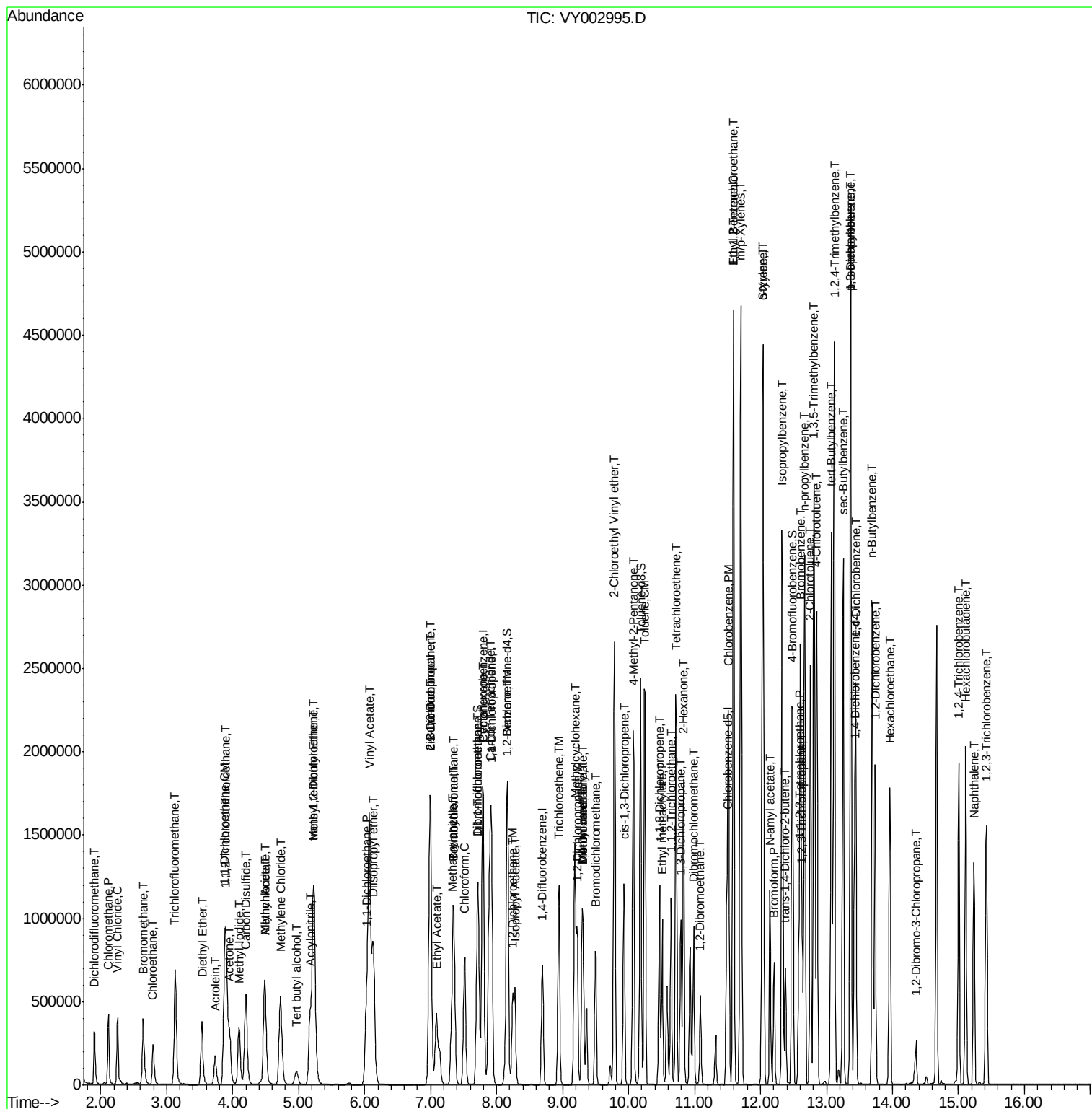
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
Data File : VY002995.D
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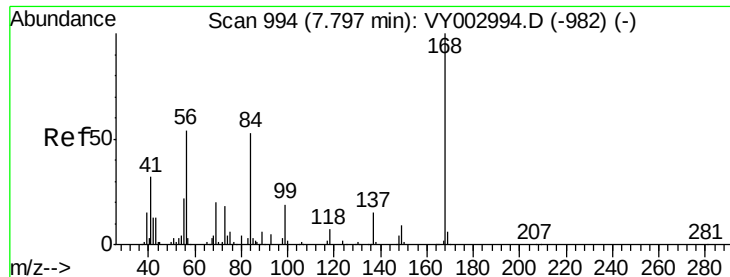
Instrument :
MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 500960

Ion Ratio Lower Upper

168 100

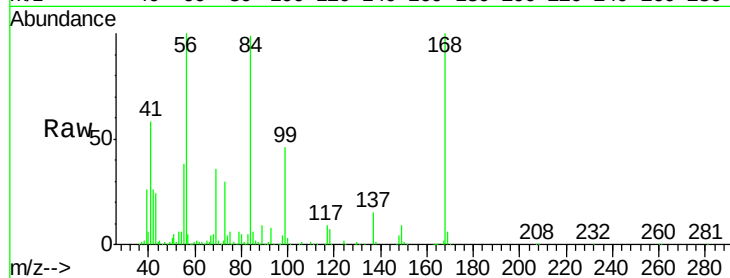
99 46.1 38.2 57.4

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

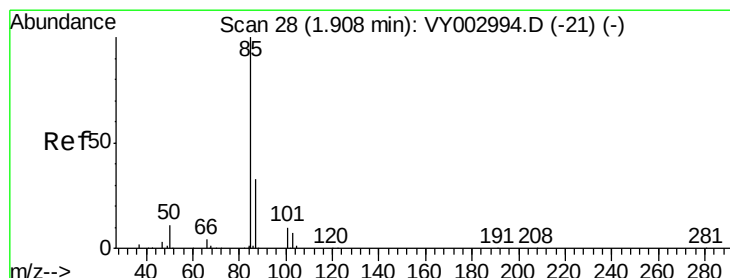
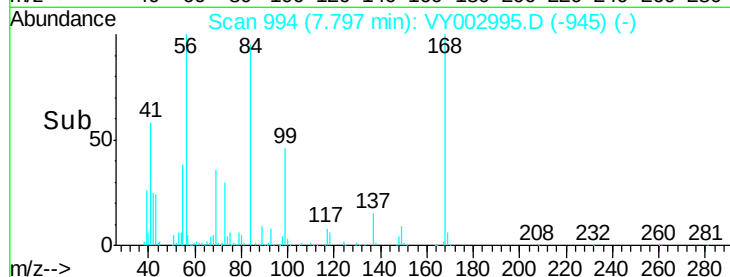
100000

50000

0

7.70 7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 92.971 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002995.D

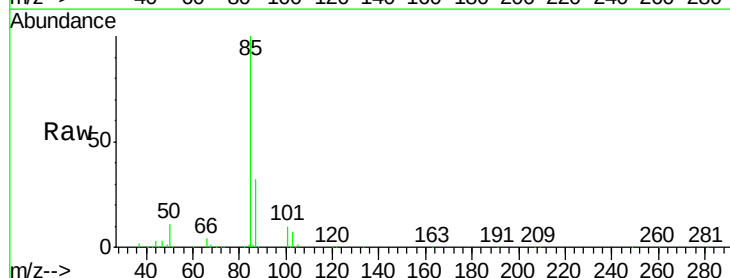
Acq: 25 Jun 2020 12:57

Tgt Ion: 85 Resp: 279386

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

200000

150000

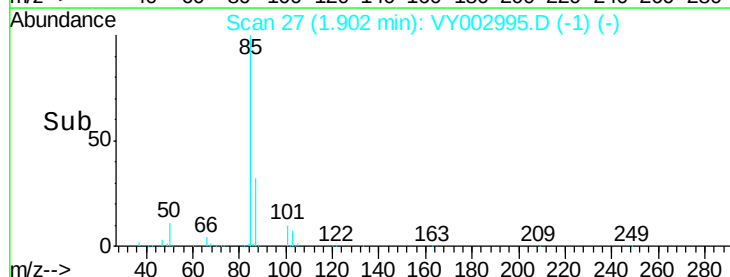
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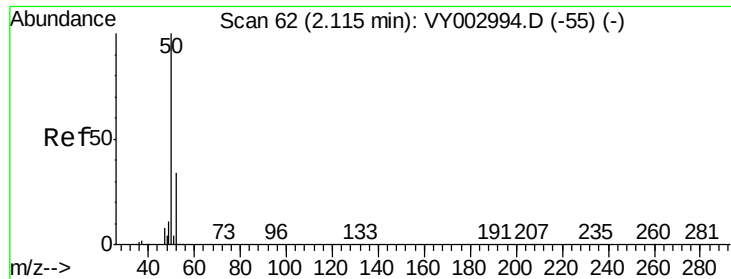
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 91.613 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 378780

Ion Ratio Lower Upper

50 100

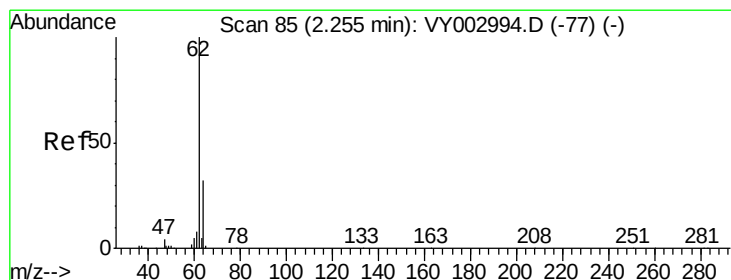
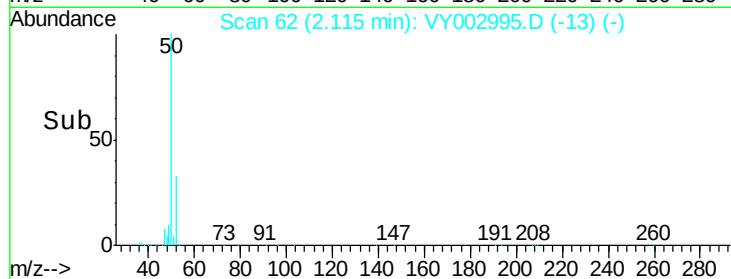
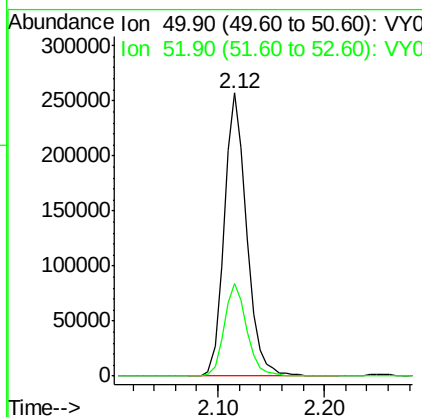
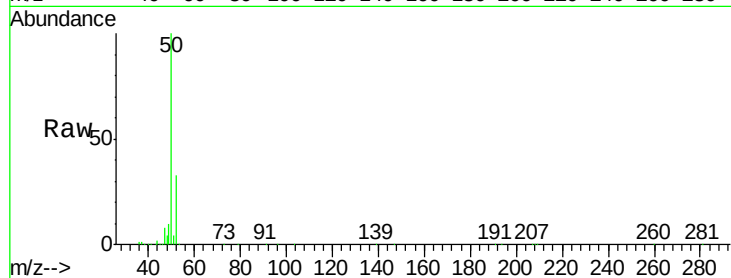
52 32.6 27.1 40.7

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#4

Vinyl Chloride

Concen: 94.939 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002995.D

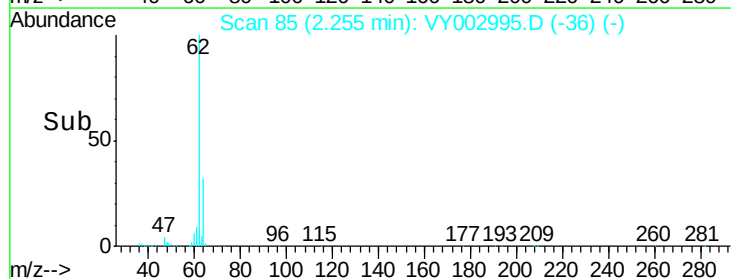
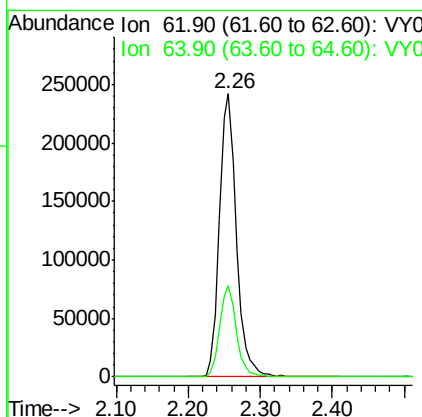
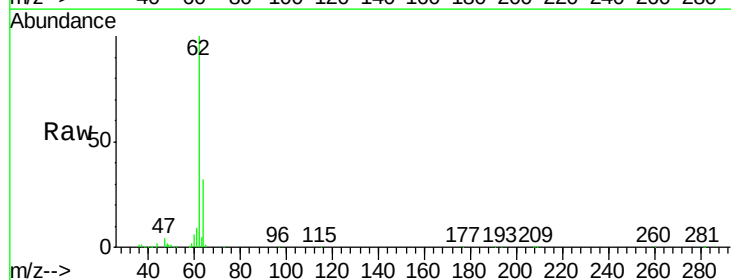
Acq: 25 Jun 2020 12:57

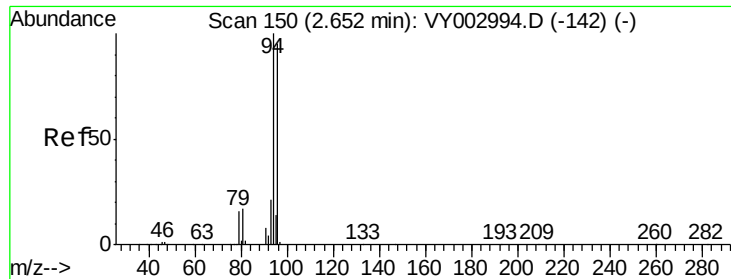
Tgt Ion: 62 Resp: 393640

Ion Ratio Lower Upper

62 100

64 32.1 25.5 38.3





#5

Bromomethane

Concen: 98.788 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Instrument :

MSVOA_Y

ClientSampleId :

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Tot Ion: 94 Resp: 305573

Ion Ratio Lower Upper

94 100

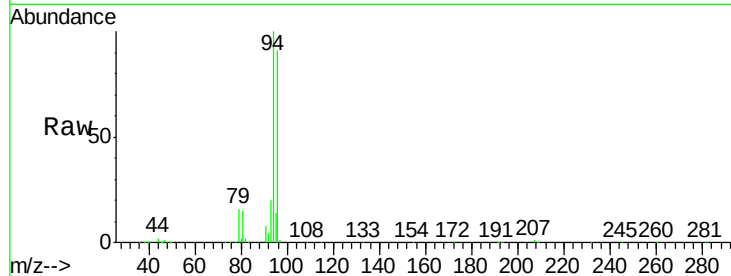
96 91.2 76.3 114.5

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

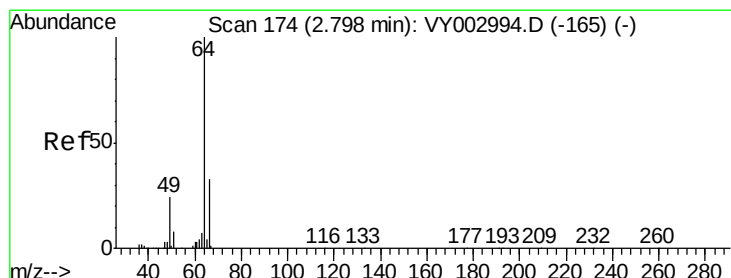
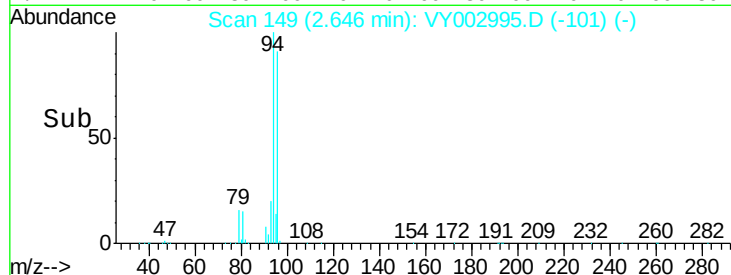
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 96.797 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002995.D

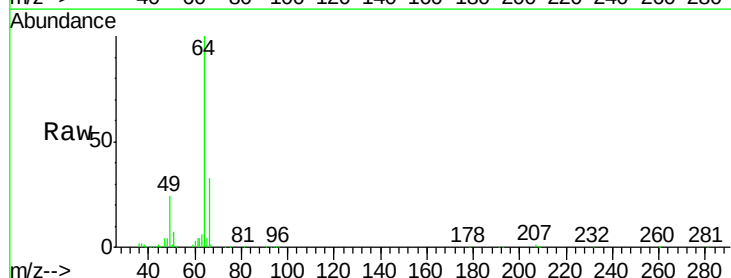
Acq: 25 Jun 2020 12:57

Tgt Ion: 64 Resp: 260468

Ion Ratio Lower Upper

64 100

66 33.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

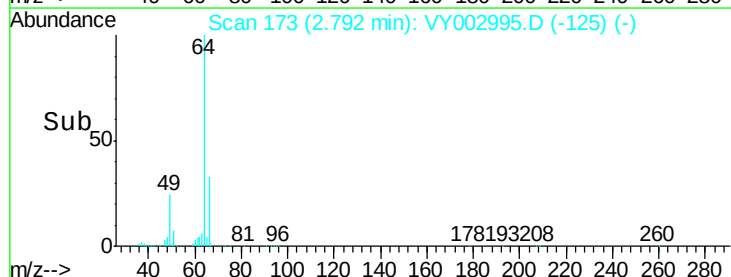
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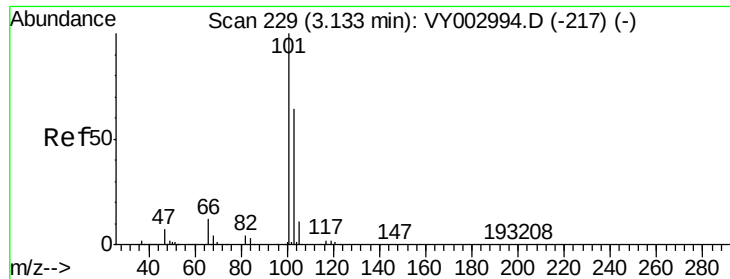
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50000

0

Time-->





#7

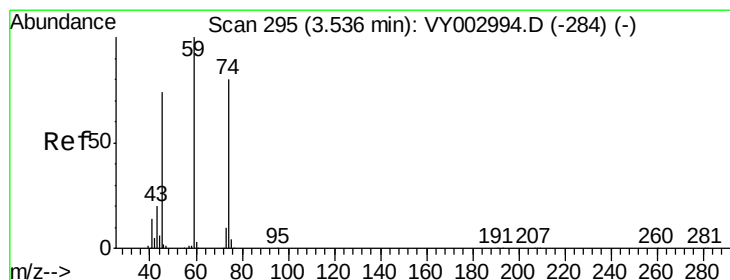
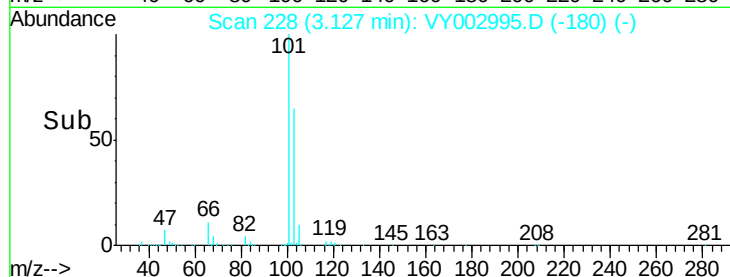
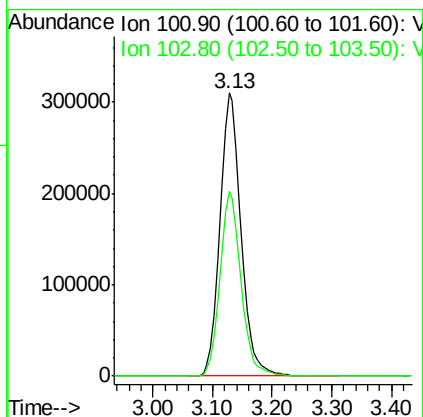
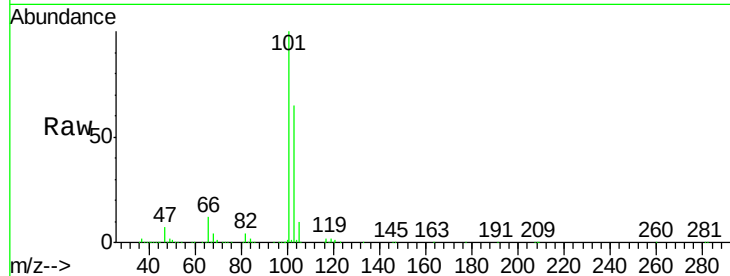
Trichlorofluoromethane
Concen: 96.647 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.3	76.9

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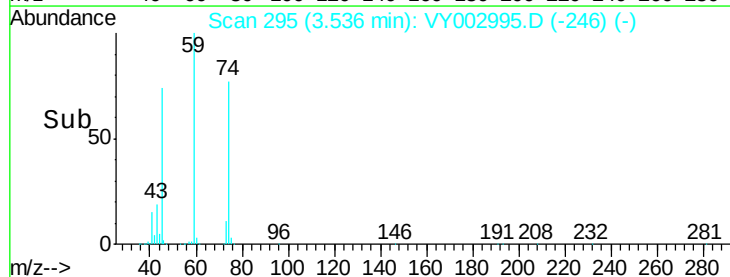
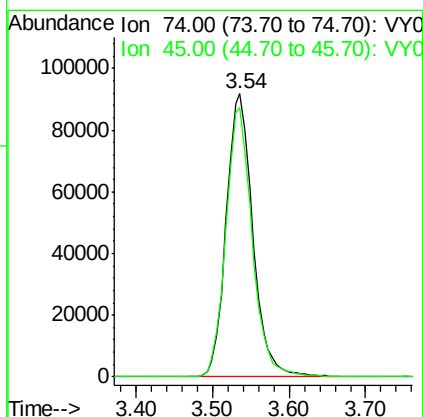
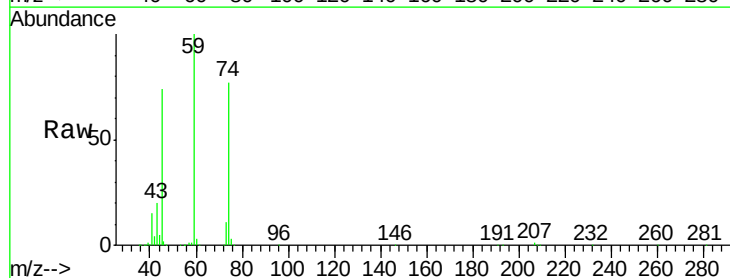
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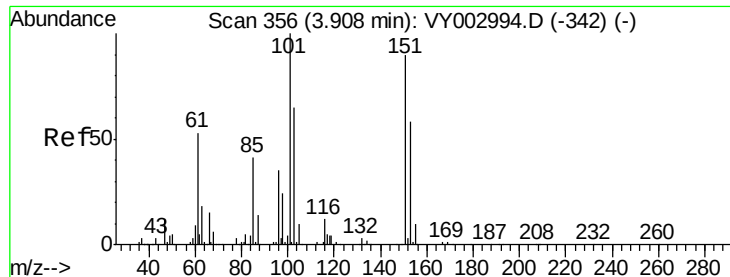


#8

Diethyl Ether
Concen: 93.011 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.7	47.6	142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.916 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

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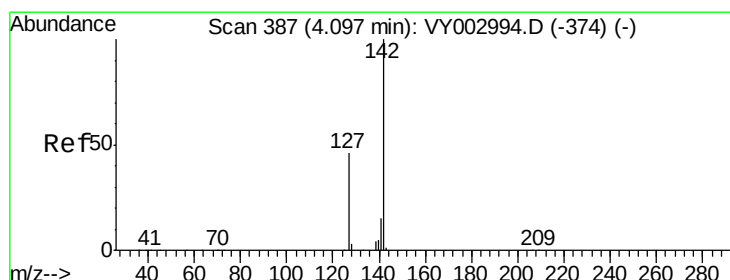
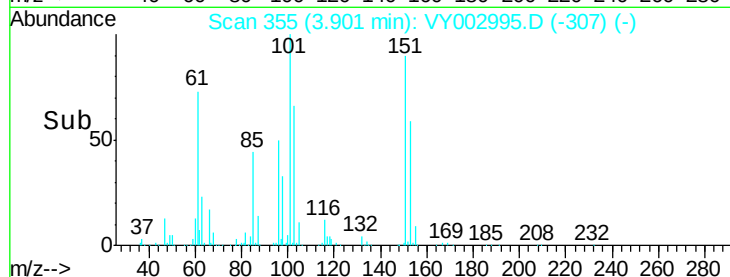
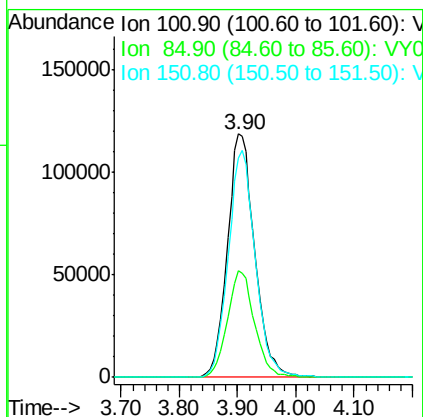
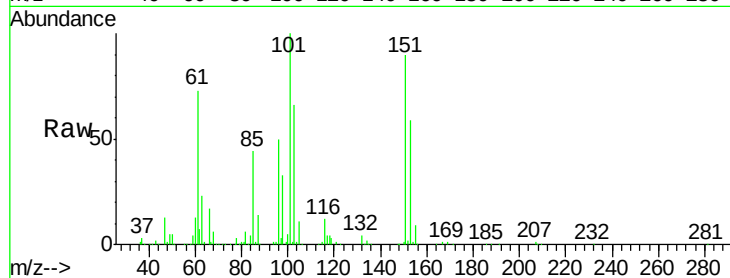
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	385807
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.0	52.4
151	92.4	72.2	108.4

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#10

Methyl Iodide

Concen: 98.685 ug/l

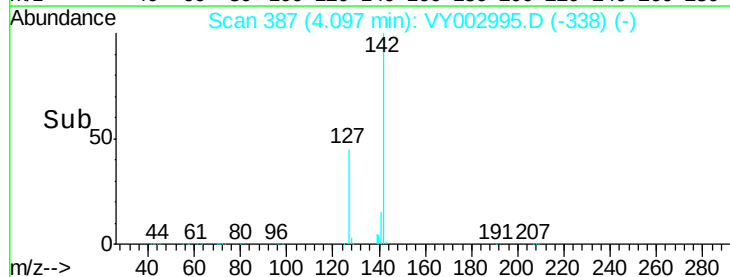
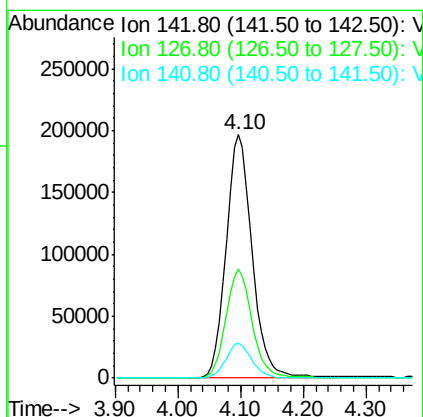
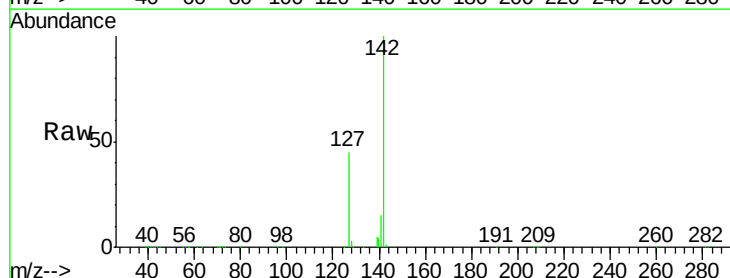
RT: 4.10 min Scan# 387

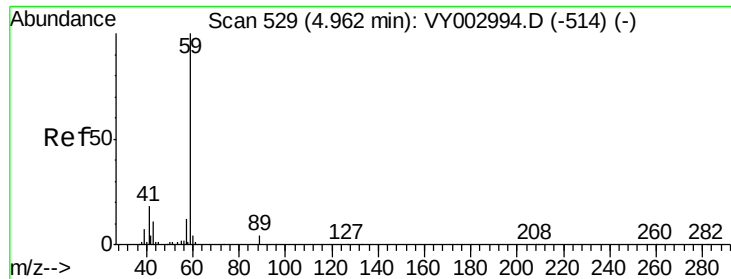
Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Tgt Ion:	142	Resp:	567225
Ion Ratio	Lower	Upper	
142	100		
127	44.7	35.8	53.8
141	14.4	11.7	17.5





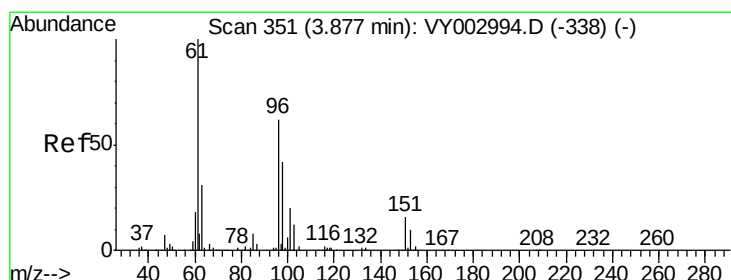
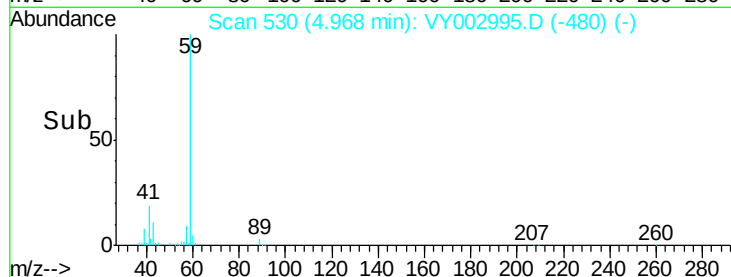
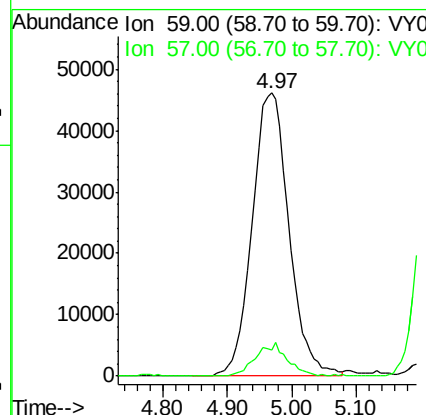
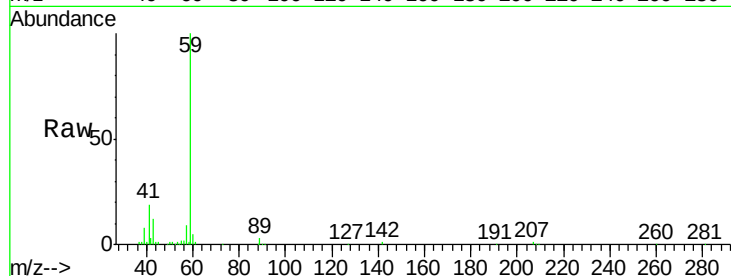
#11
Tert butyl alcohol
Concen: 424.946 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	181748		
57	57	10.0		8.4	12.6

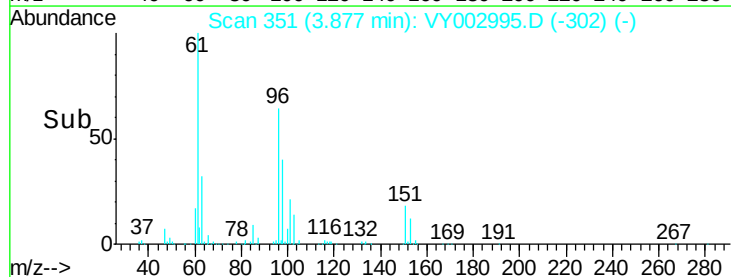
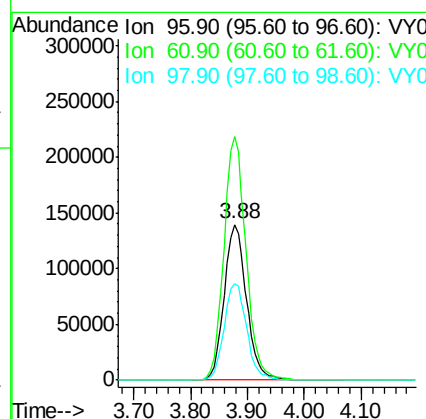
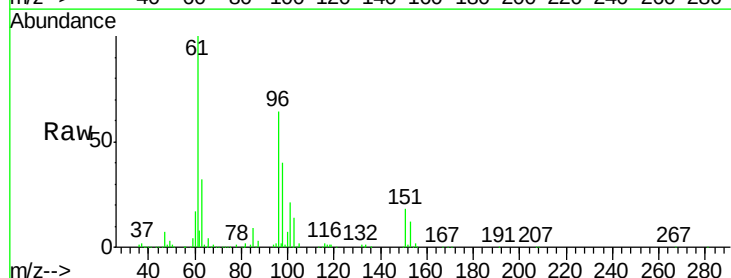
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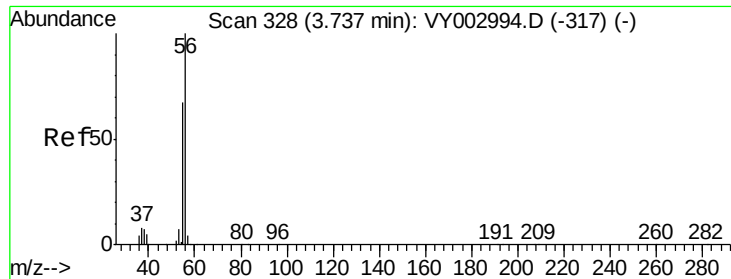
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#12
1,1-Dichloroethene
Concen: 94.285 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	379897		
61	61	156.8		128.1	192.1
98	98	62.4		53.5	80.3





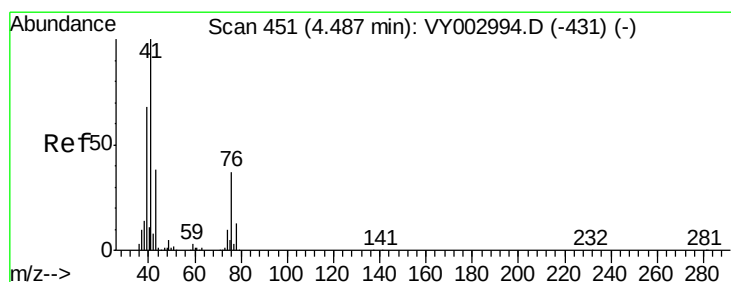
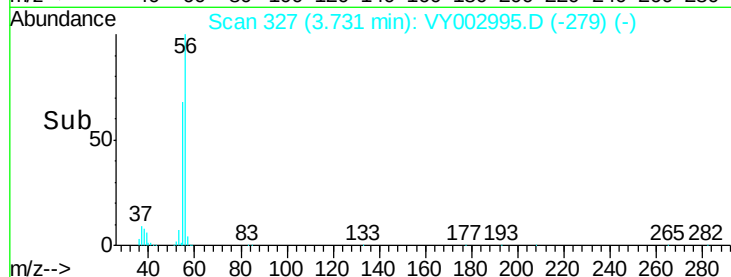
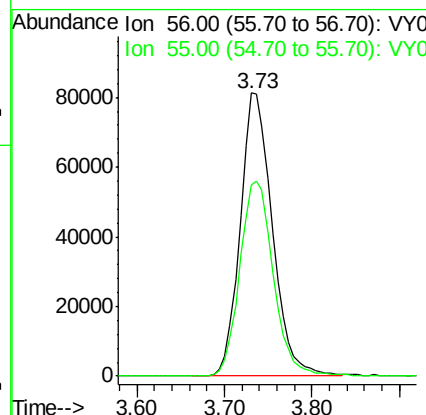
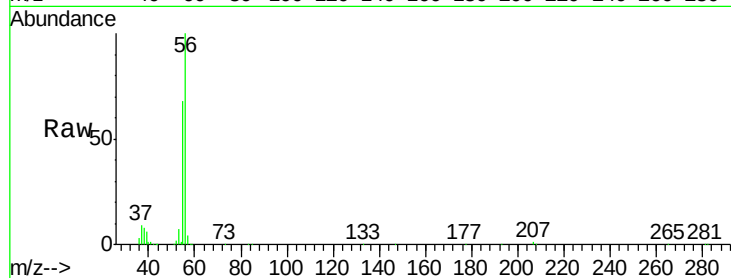
#13
Acrolein
Concen: 486.297 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.01 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.7	57.0	85.4

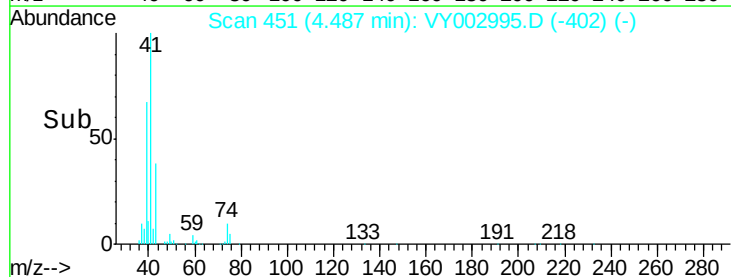
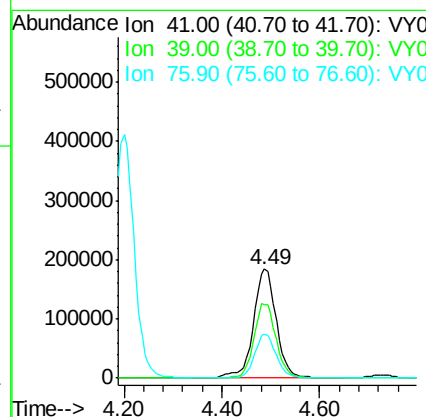
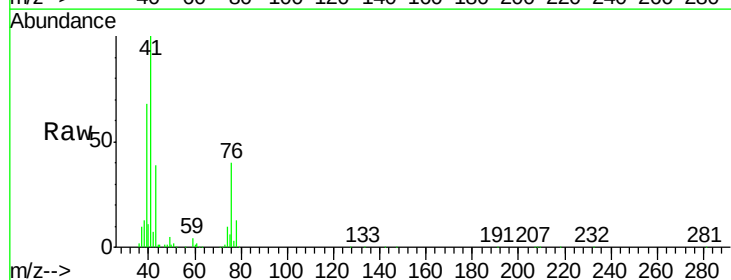
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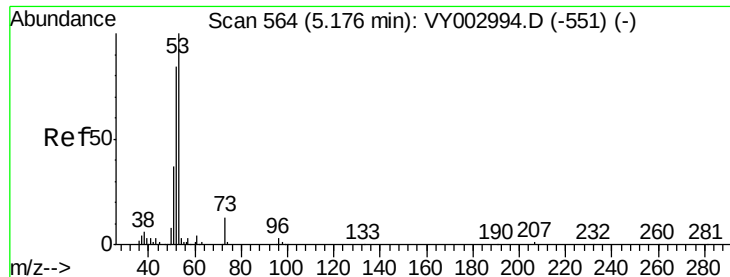
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#14
Allyl chloride
Concen: 93.293 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.5	53.1	79.7
76	37.9	30.0	45.0





#15

Acrylonitrile

Concen: 471.448 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Instrument :

MSVOA_Y

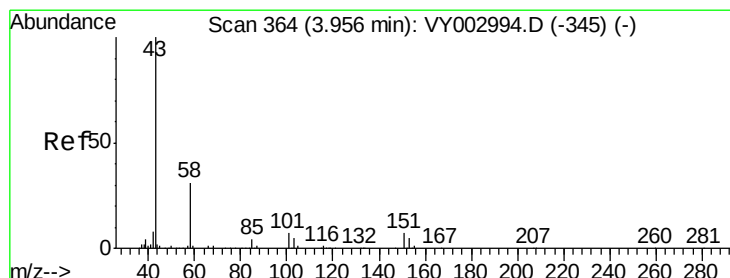
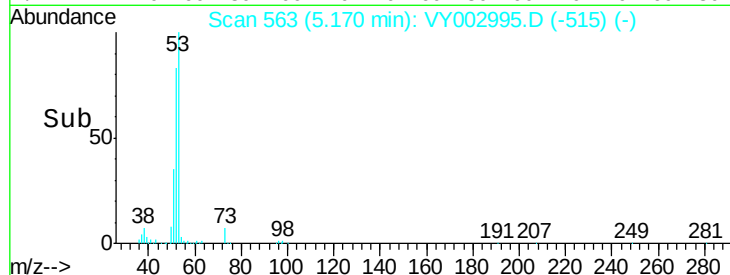
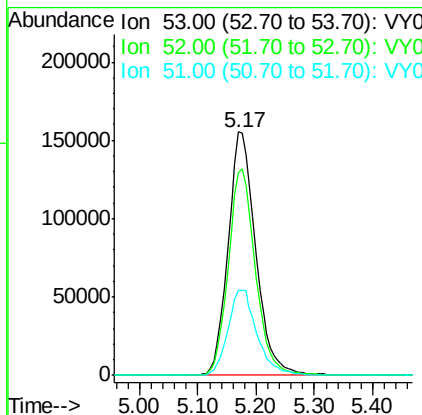
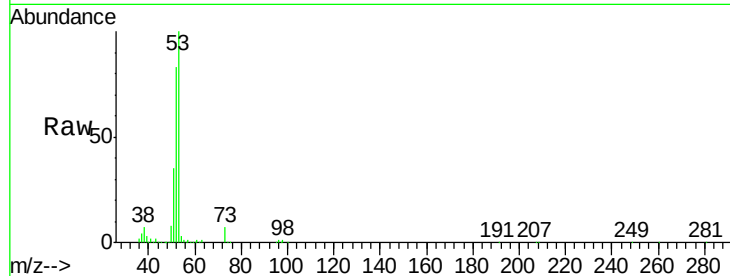
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	513152
Ion Ratio	Lower	Upper	
53	100		
52	83.2	68.0	102.0
51	36.7	29.8	44.8

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#16

Acetone

Concen: 480.149 ug/l

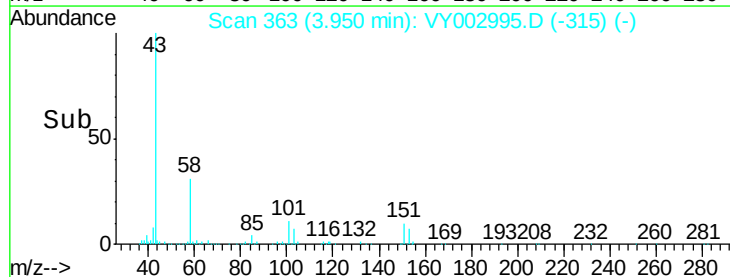
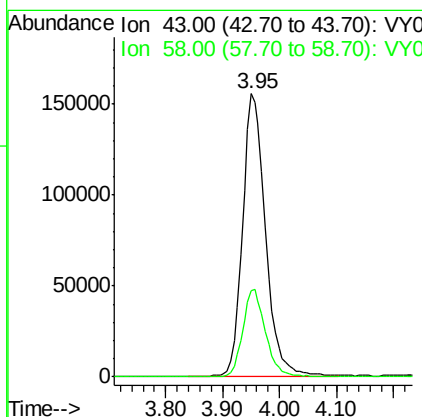
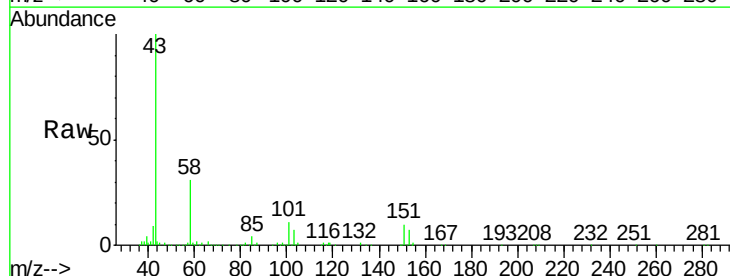
RT: 3.95 min Scan# 363

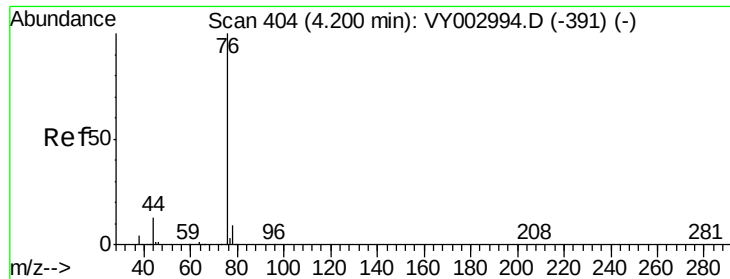
Delta R.T. -0.01 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Tgt Ion:	43	Resp:	440463
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.4	36.6





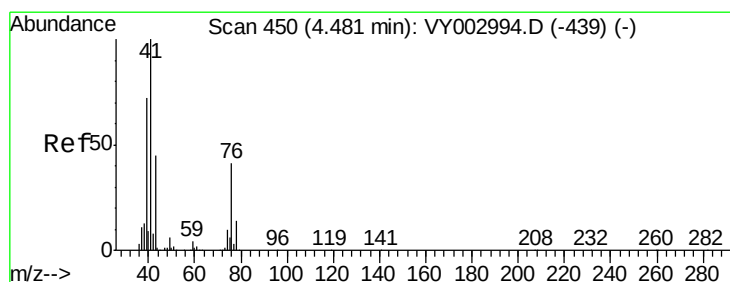
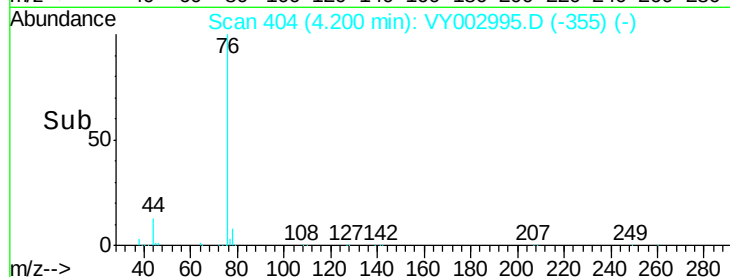
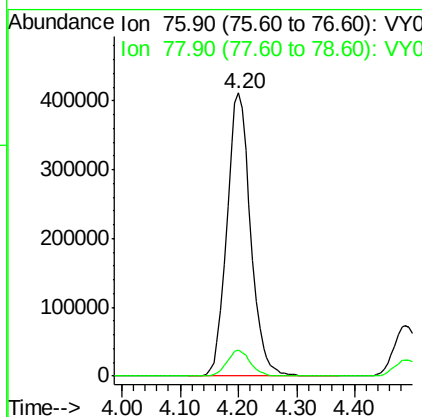
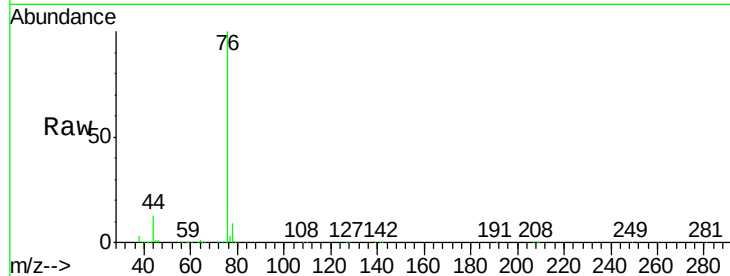
#17
Carbon Disulfide
Concen: 93.945 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 76 Resp: 1160935
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

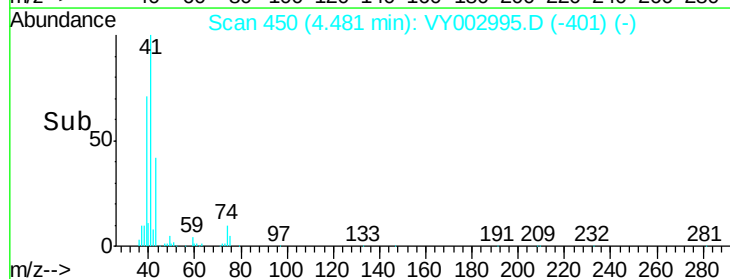
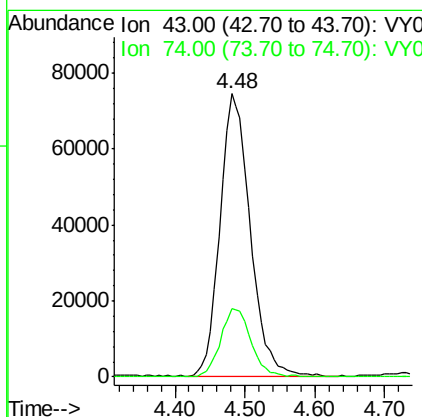
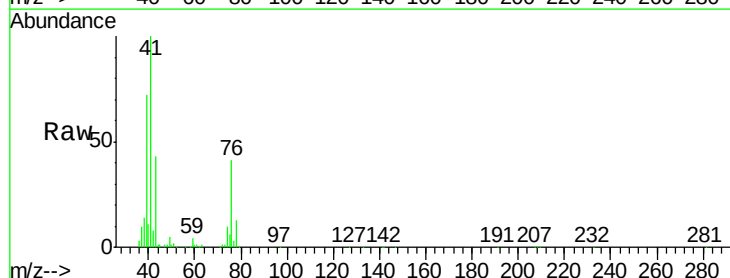
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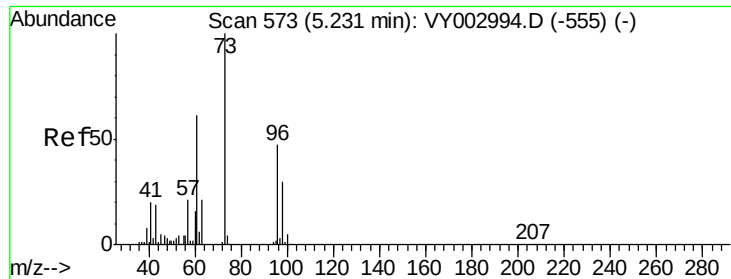
MMDadoda
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#18
Methyl Acetate
Concen: 92.382 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion: 43 Resp: 222293
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.6





#19

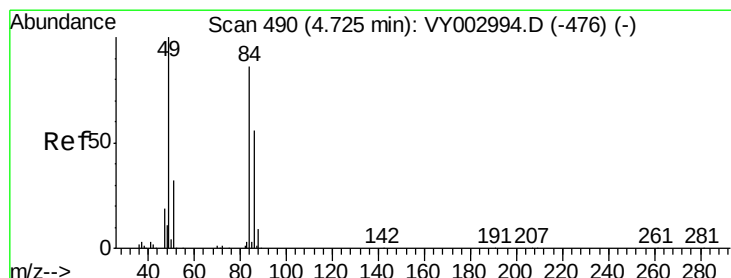
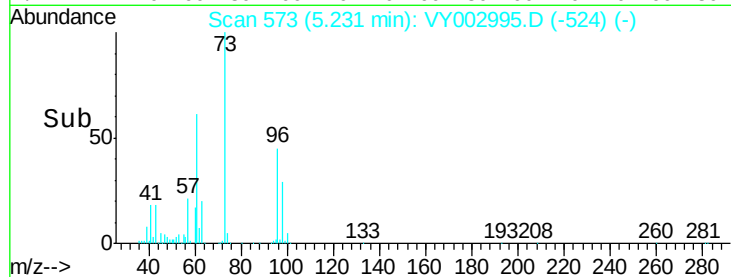
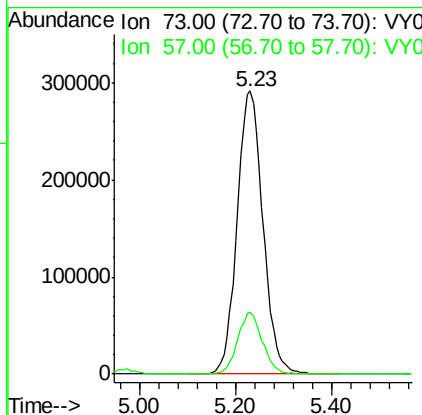
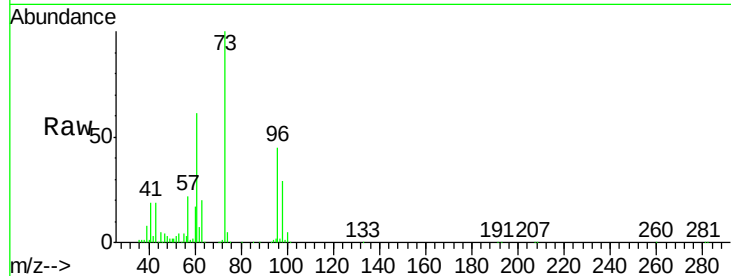
Methyl tert-butyl Ether
 Concen: 96.309 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 73 Resp: 1088177
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.0 25.4

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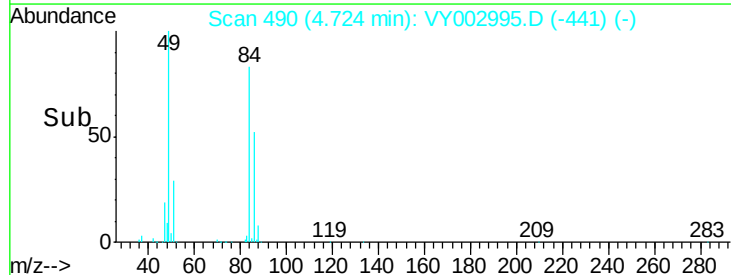
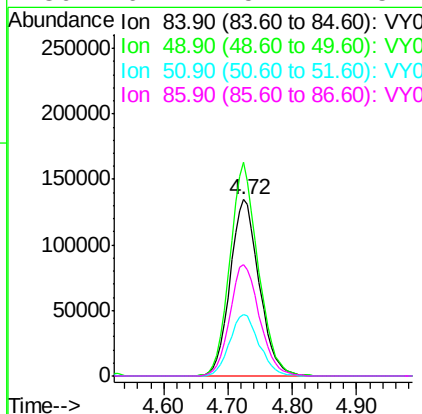
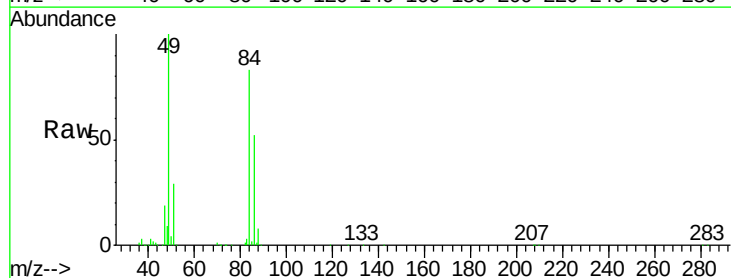
MMDadoda
 6/26/2020 11:22:18 AM

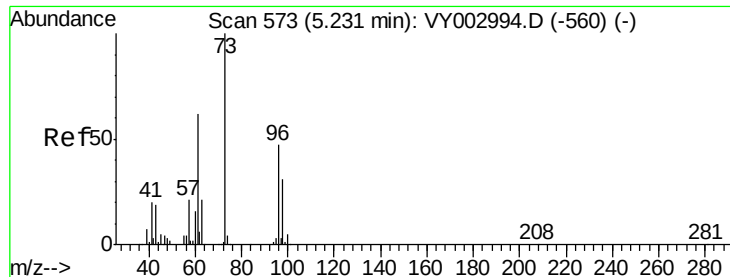


#20

Methylene Chloride
 Concen: 79.171 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Tgt Ion: 84 Resp: 424607
 Ion Ratio Lower Upper
 84 100
 49 120.9 92.6 138.8
 51 35.0 29.8 44.8
 86 62.7 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 93.822 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 418652

Ion Ratio Lower Upper

96 100

61 134.3 104.0 156.0

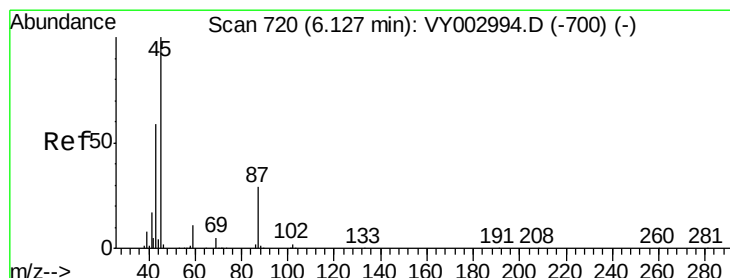
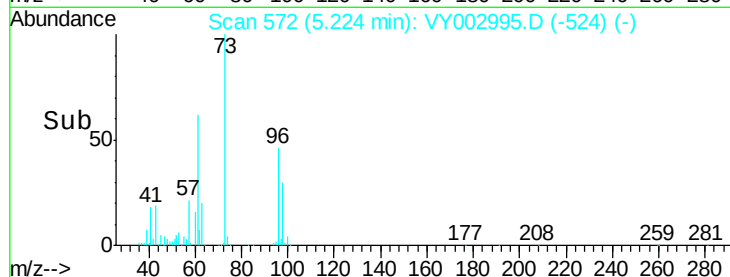
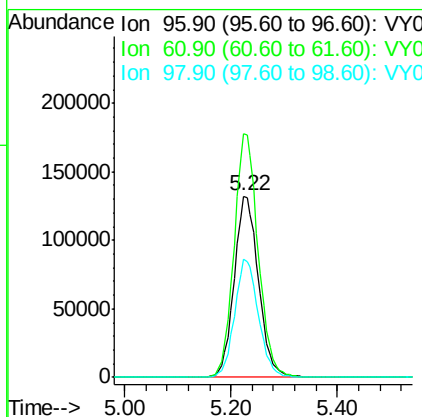
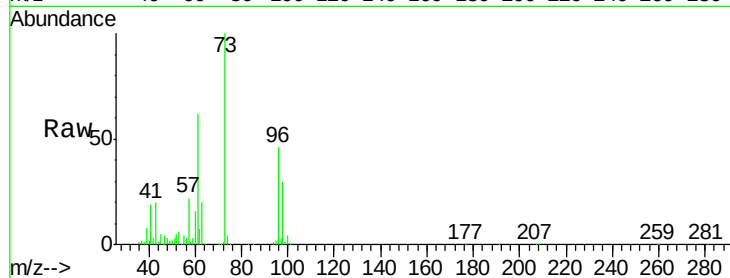
98 65.3 51.6 77.4

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#22

Diisopropyl ether

Concen: 91.106 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Tgt Ion: 45 Resp: 1172395

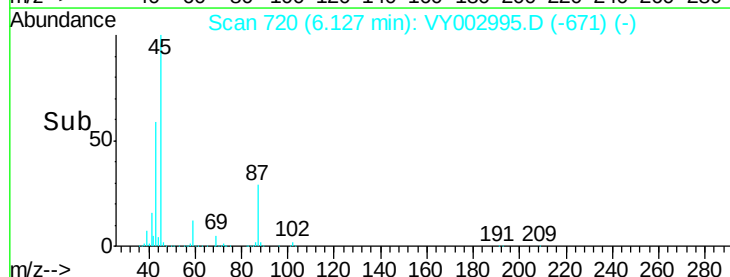
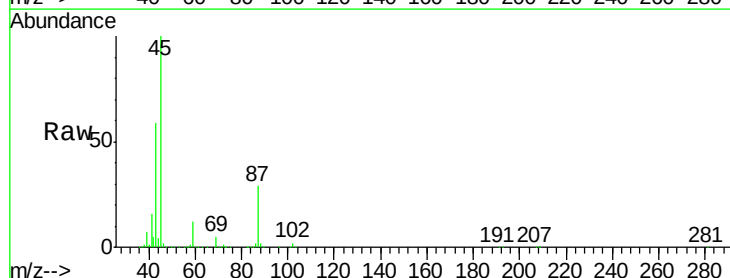
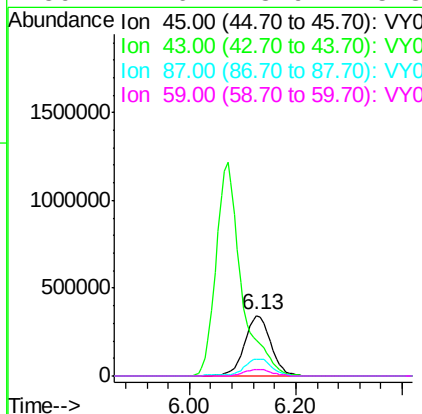
Ion Ratio Lower Upper

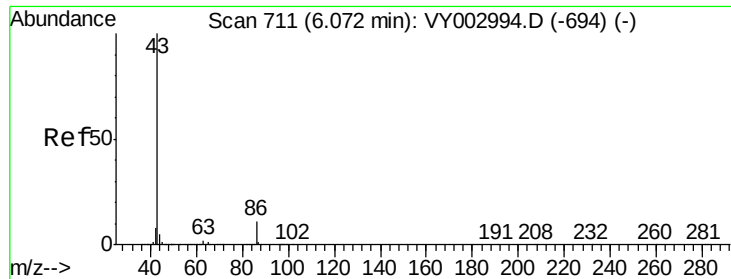
45 100

43 58.6 47.5 71.3

87 28.5 23.3 34.9

59 11.6 8.9 13.3





#23

Vinyl Acetate

Concen: 464.236 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Tot Ion: 43 Resp: 4039525

Ion Ratio Lower Upper

43 100

86 11.4 9.0 13.4

Instrument :

MSVOA_Y

ClientSampleId :

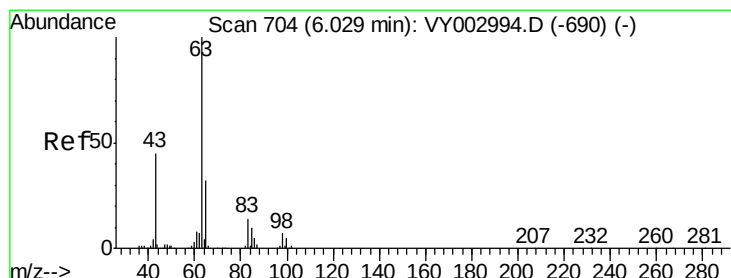
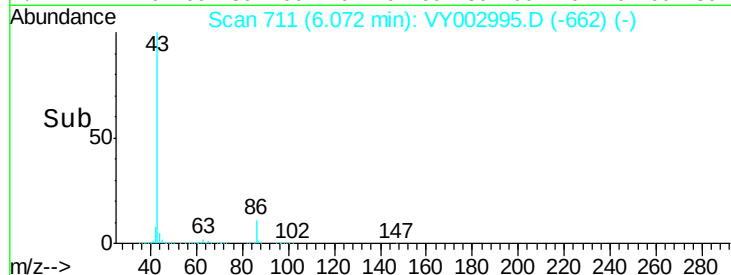
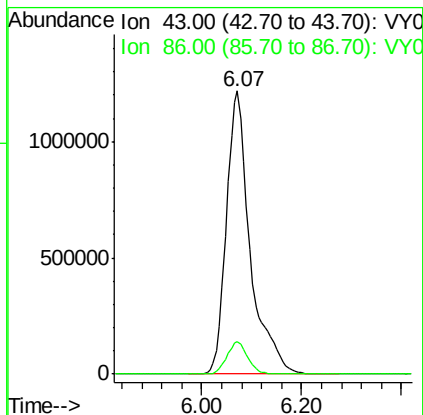
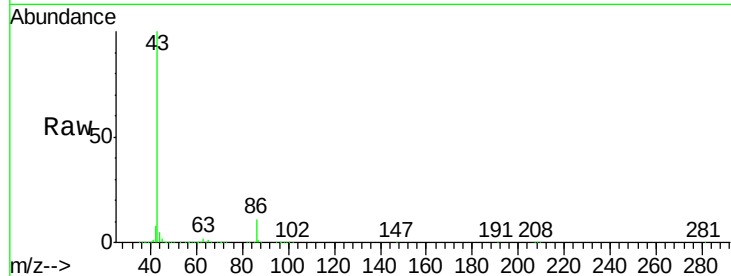
VSTDICC100

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#24

1,1-Dichloroethane

Concen: 91.836 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

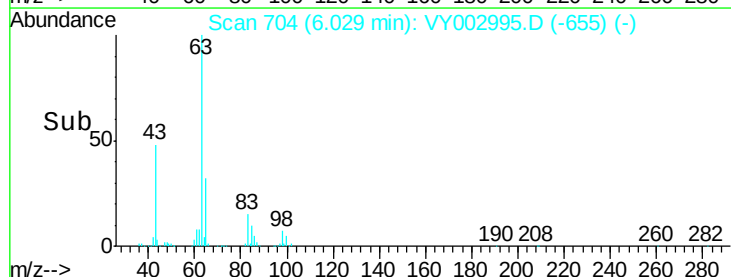
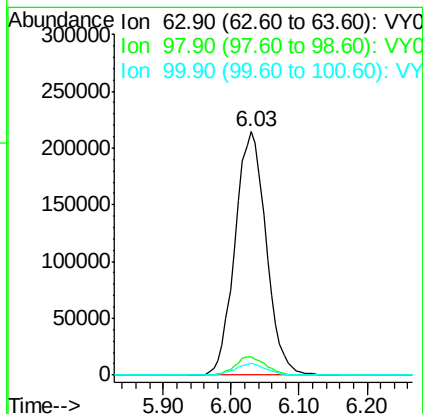
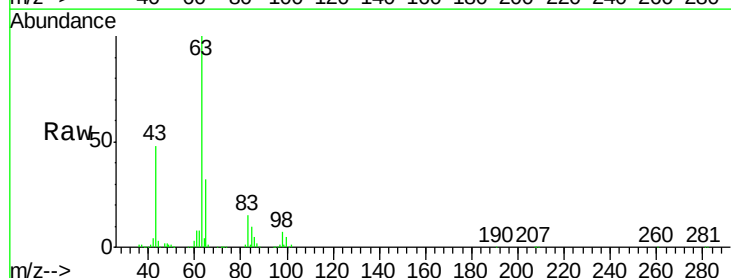
Tgt Ion: 63 Resp: 679904

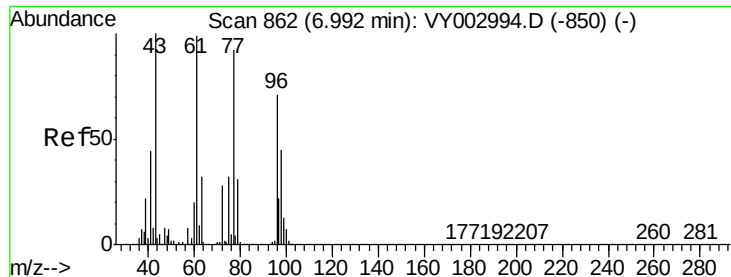
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 5.1 2.4 7.1





#25

2-Butanone

Concen: 454.900 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 653735

Ion Ratio Lower Upper

43 100

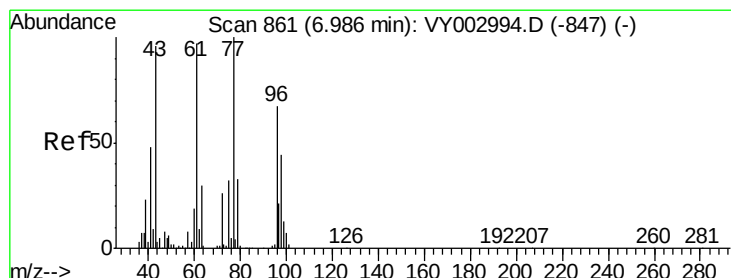
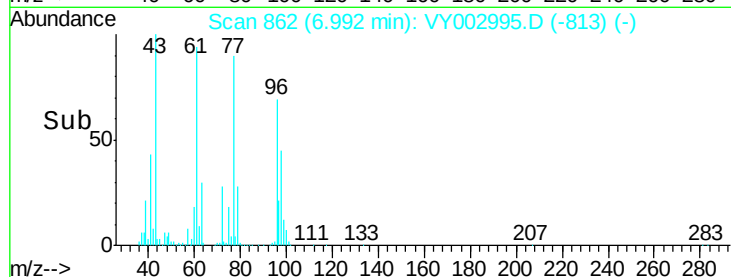
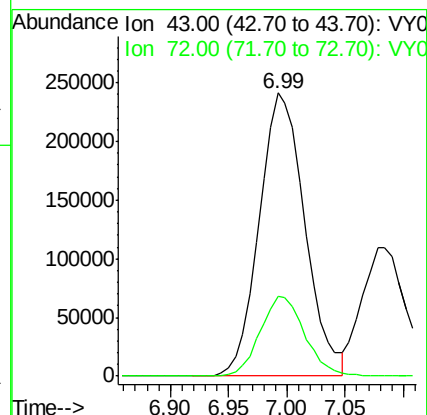
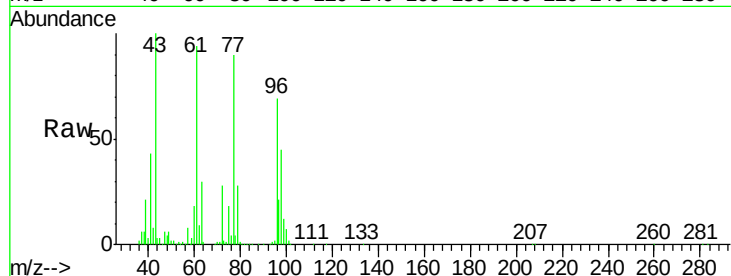
72 28.1 22.3 33.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 88.534 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.01 min

Lab File: VY002995.D

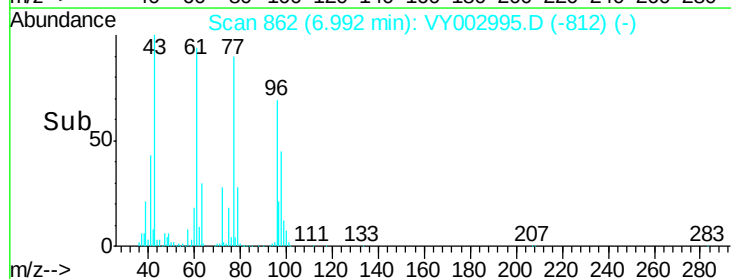
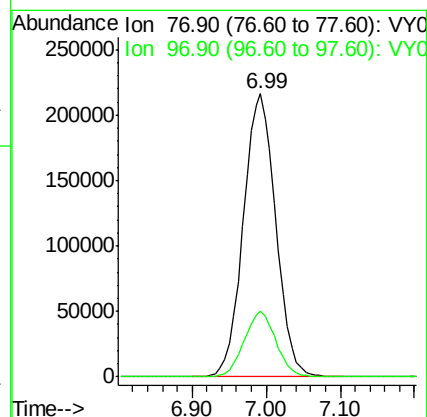
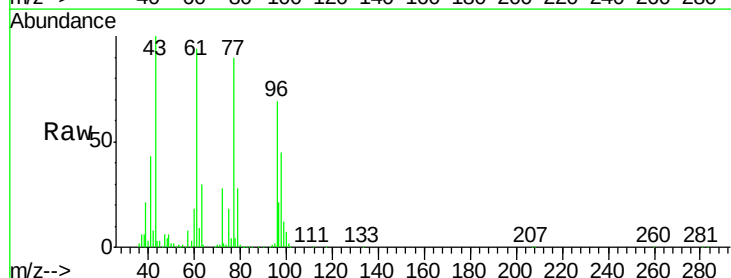
Acq: 25 Jun 2020 12:57

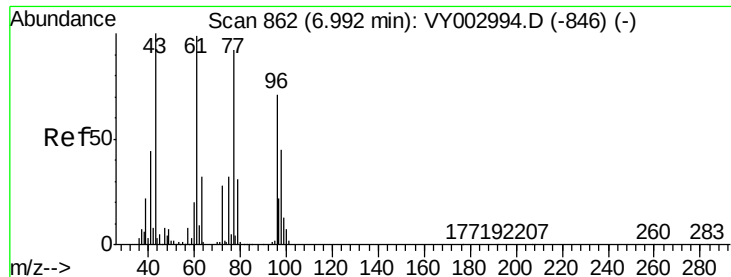
Tgt Ion: 77 Resp: 659550

Ion Ratio Lower Upper

77 100

97 22.7 11.1 33.3





#27

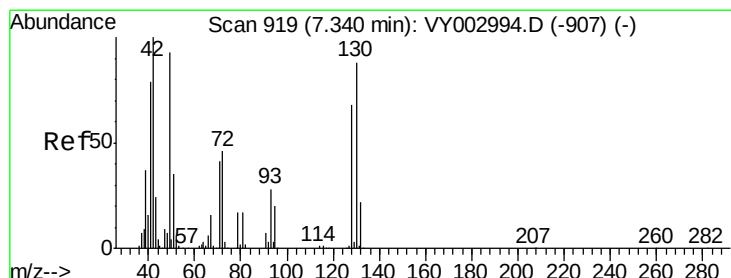
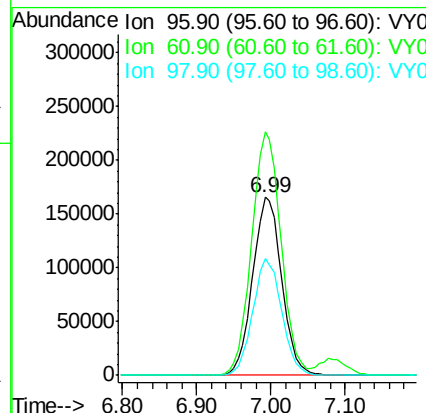
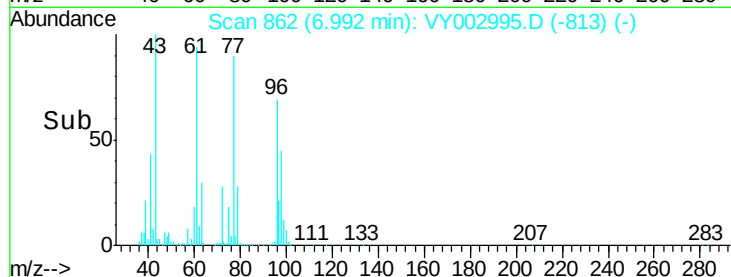
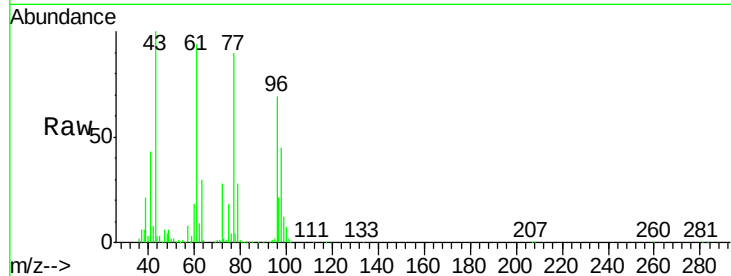
cis-1,2-Dichloroethene
Concen: 91.006 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.9	0.0	279.0
98	65.3	0.0	128.2

Manual Integrations
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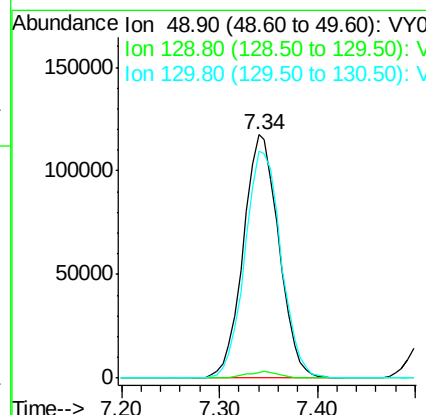
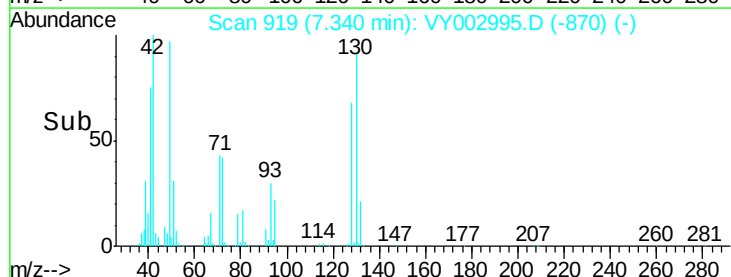
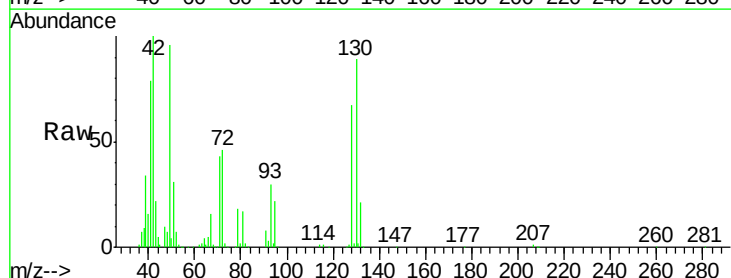
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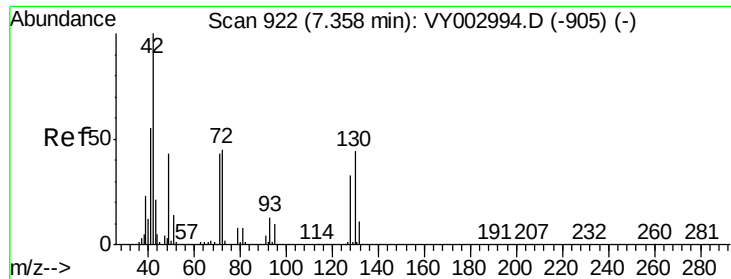


#28

Bromochloromethane
Concen: 100.987 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	94.6	73.8	110.8





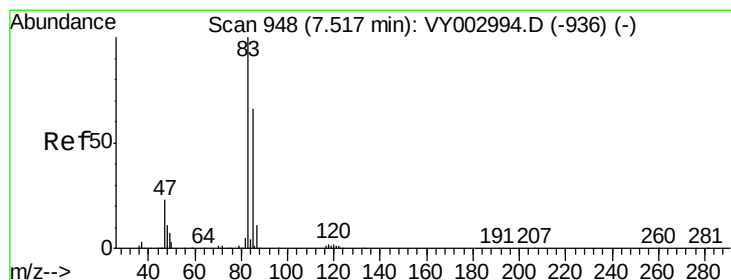
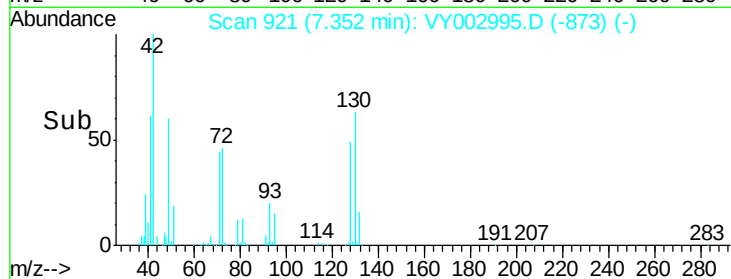
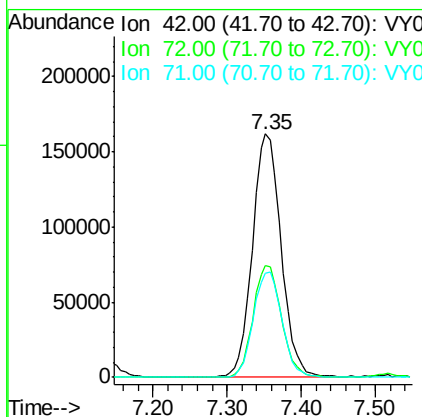
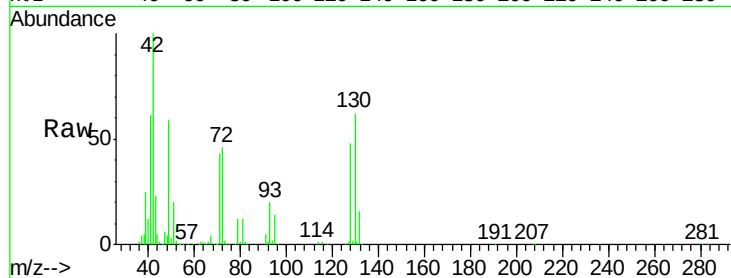
#29
Tetrahydrofuran
Concen: 460.774 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	36.2	54.4
71	43.3	34.2	51.2

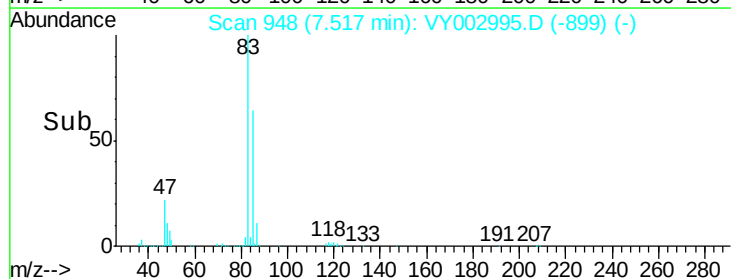
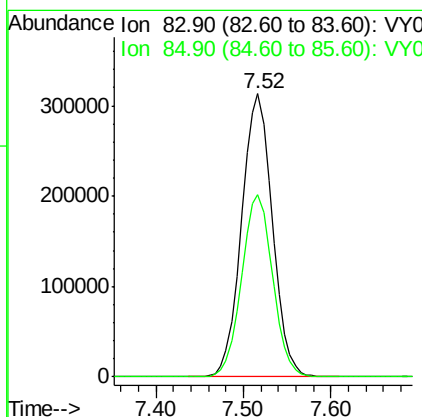
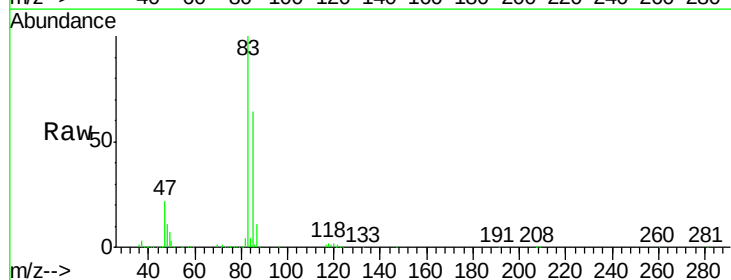
Manual Integrations
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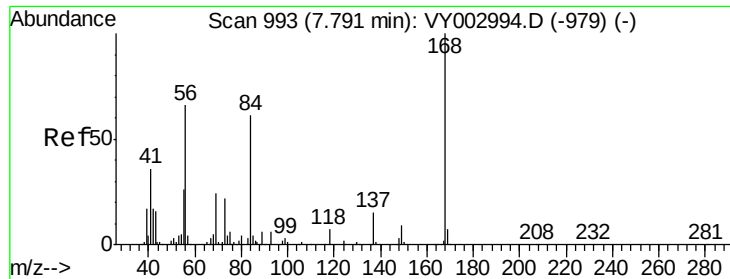
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#30
Chloroform
Concen: 97.364 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.6	78.8





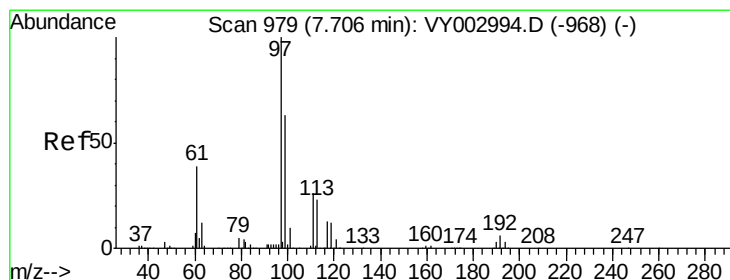
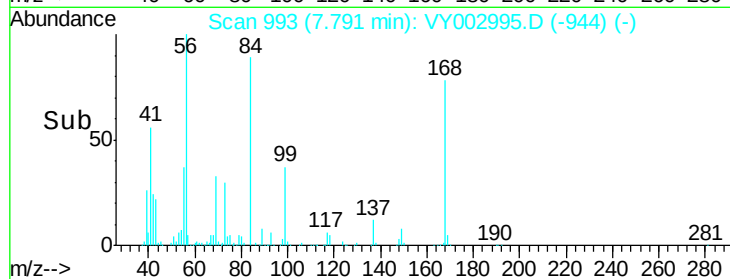
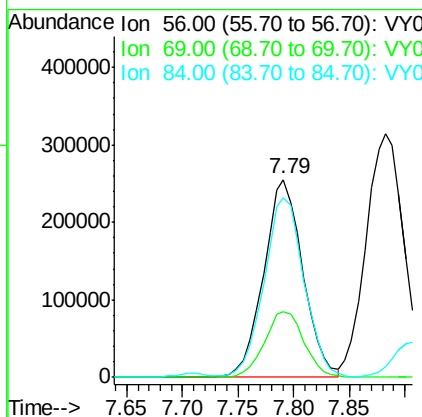
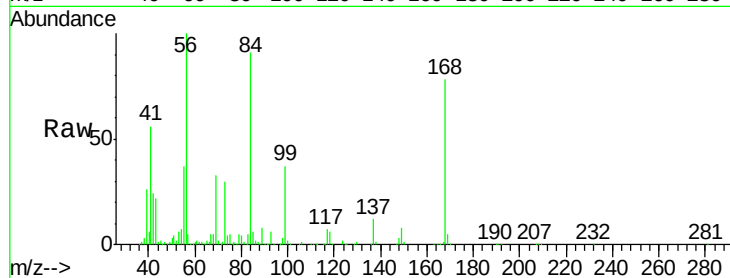
#31
Cyclohexane
Concen: 90.296 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.5	28.6	43.0
84	89.1	74.0	111.0

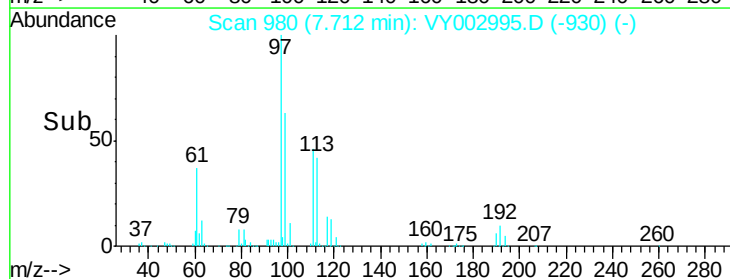
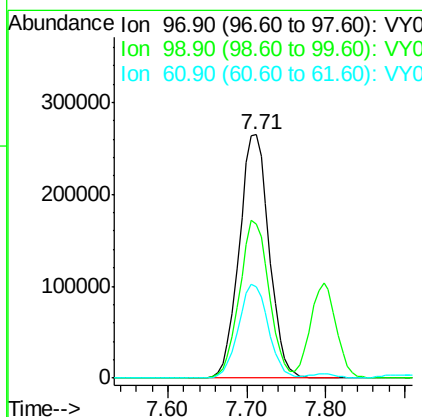
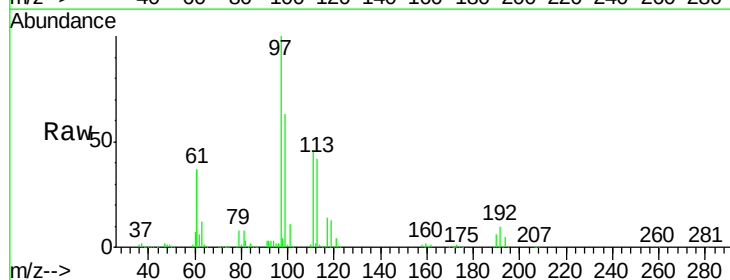
Manual Integrations
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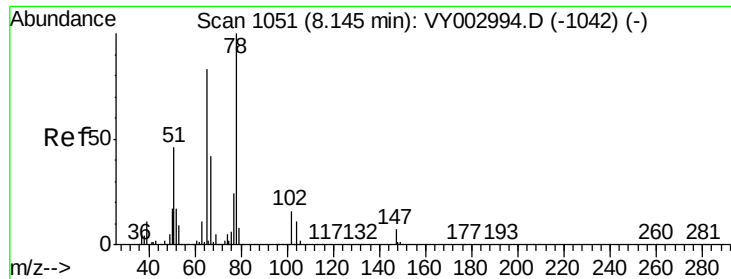
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#32
1,1,1-Trichloroethane
Concen: 94.428 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.6
61	38.4	31.0	46.6





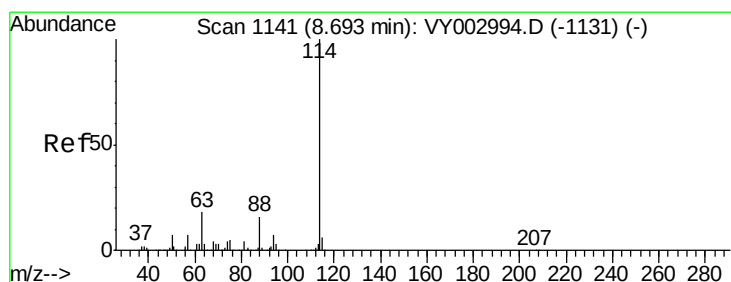
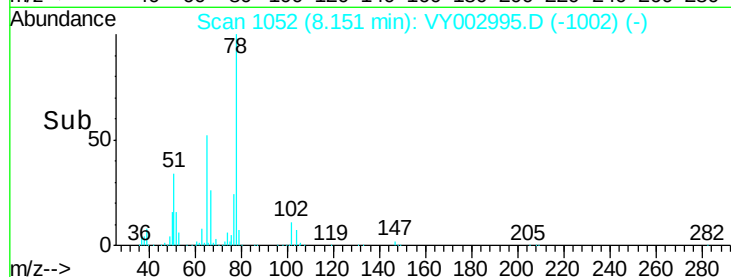
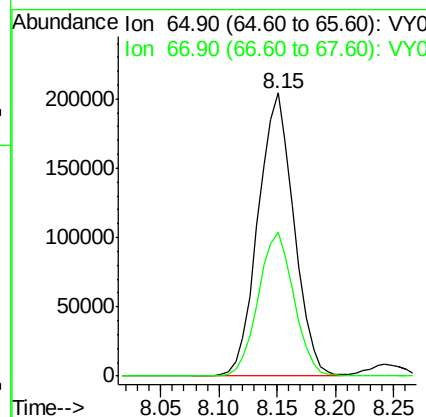
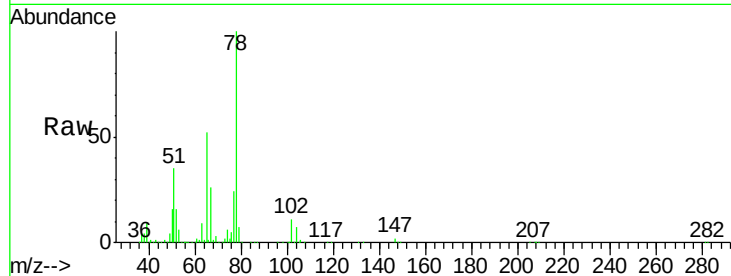
#33
 1,2-Dichloroethane-d4
 Concen: 102.096 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

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

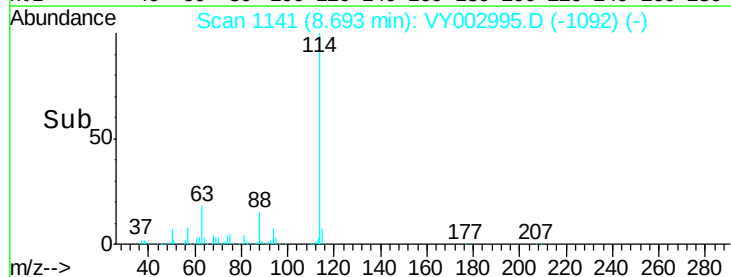
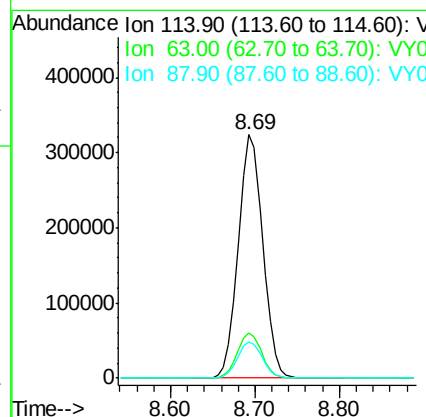
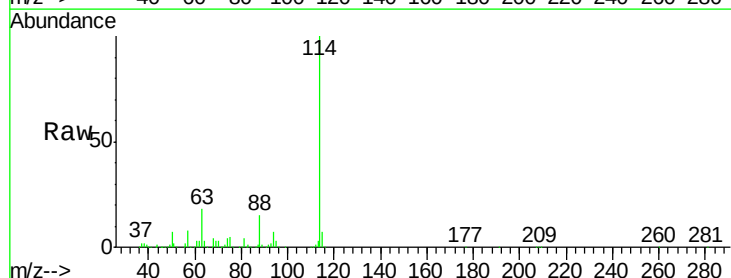
Manual Integrations
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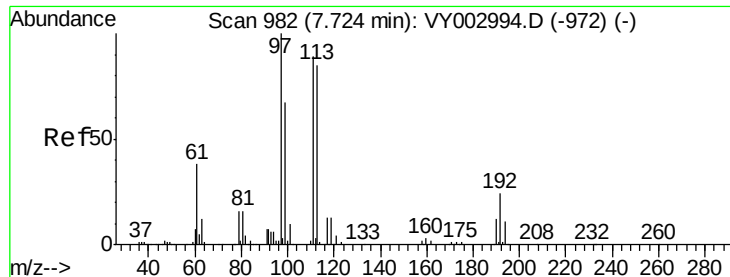
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.5	0.0	36.8	
88	14.8	0.0	31.6	





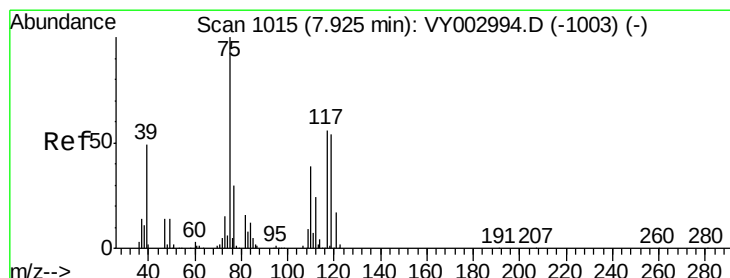
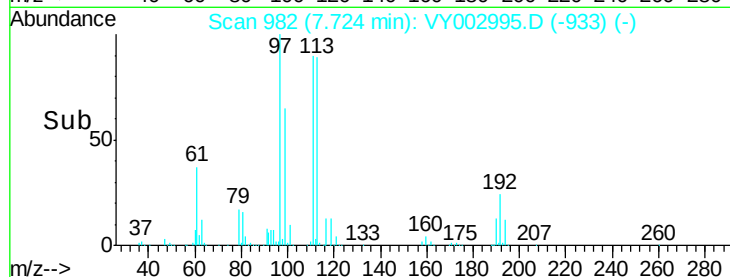
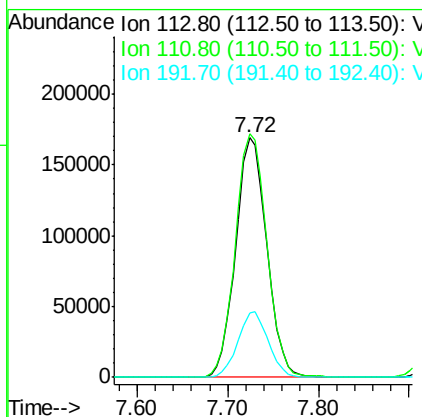
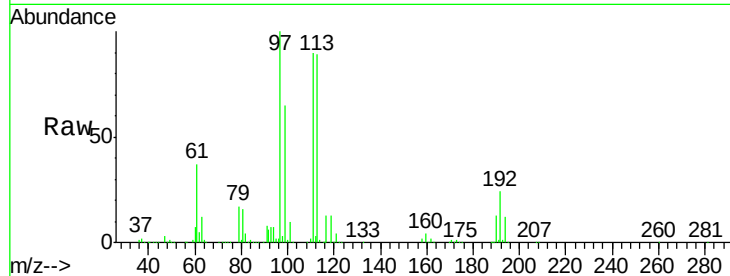
#35
Dibromofluoromethane
Concen: 101.106 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	402046		
111	103.2		81.2	121.8
192	26.8		21.1	31.7

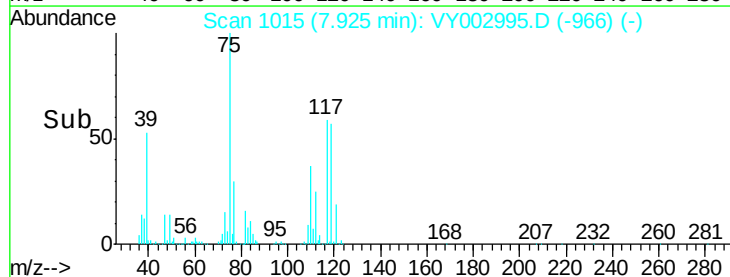
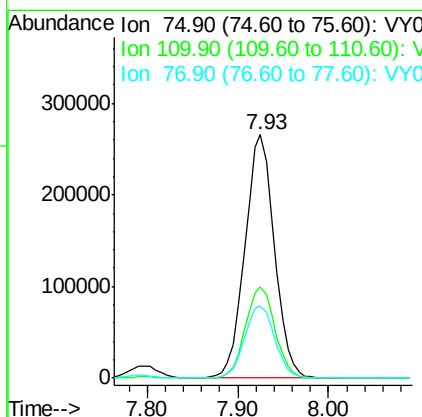
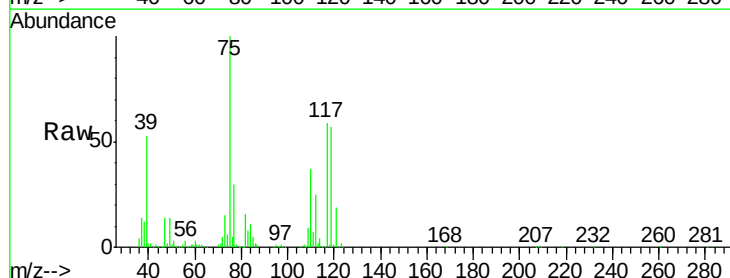
Manual Integrations
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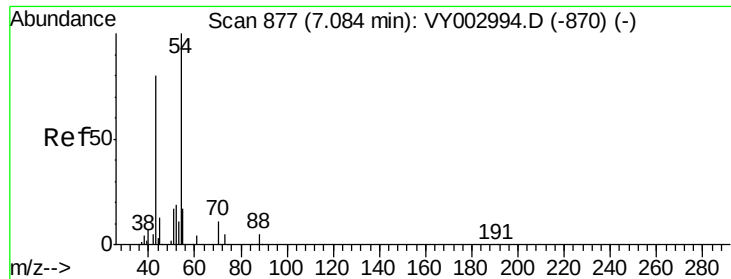
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#36
1,1-Dichloropropene
Concen: 100.371 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	596943		
110	37.6		18.9	56.9
77	30.7		24.3	36.5





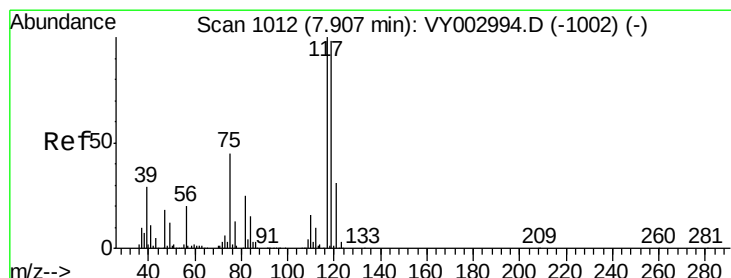
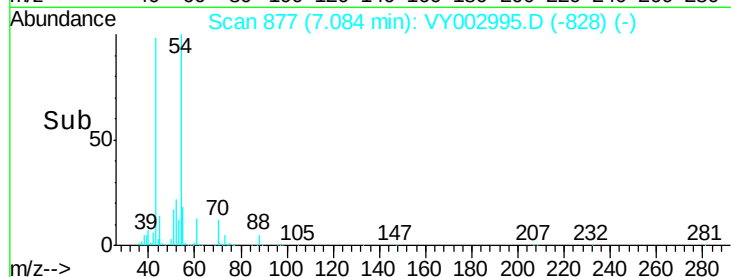
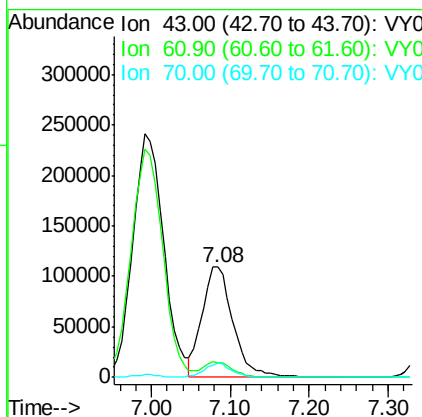
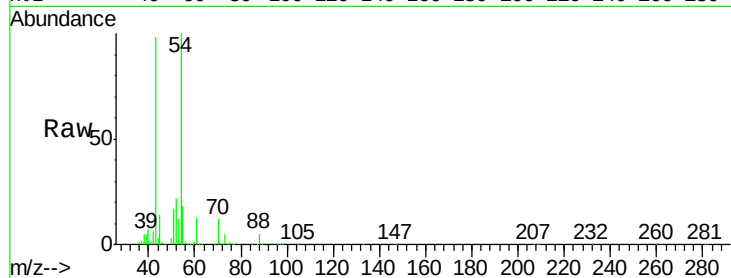
#37
Ethyl Acetate
Concen: 88.696 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.9	16.3
70	11.3	9.0	13.4

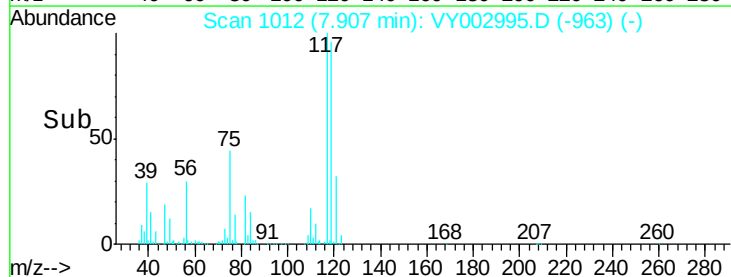
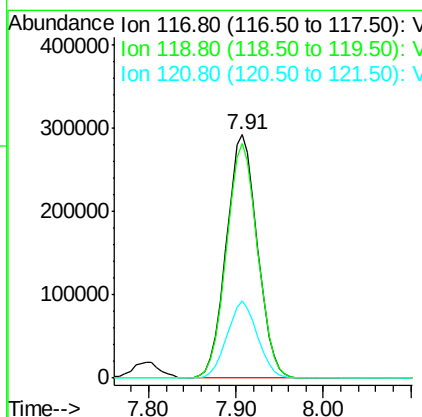
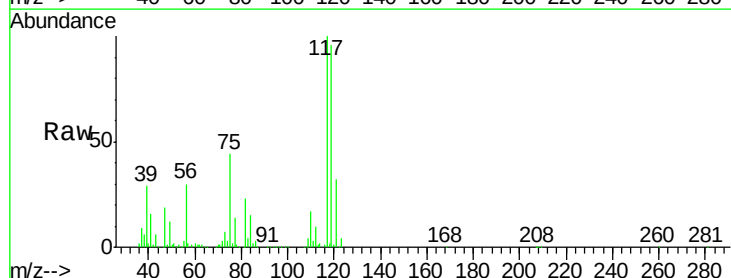
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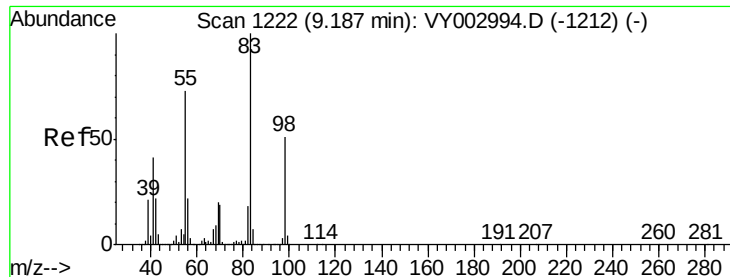
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#38
Carbon Tetrachloride
Concen: 99.998 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.2	117.4
121	31.5	24.5	36.7





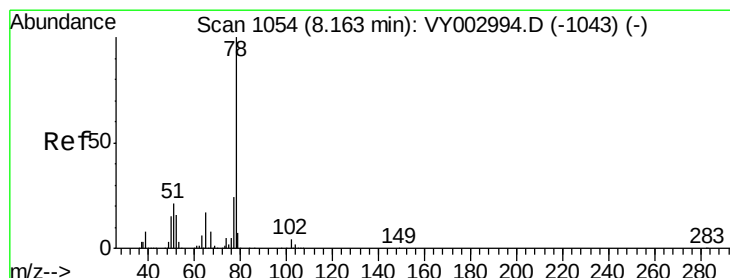
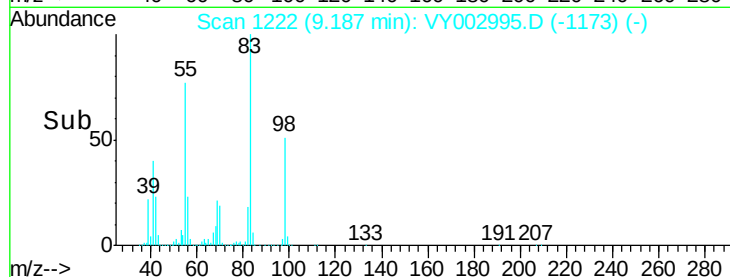
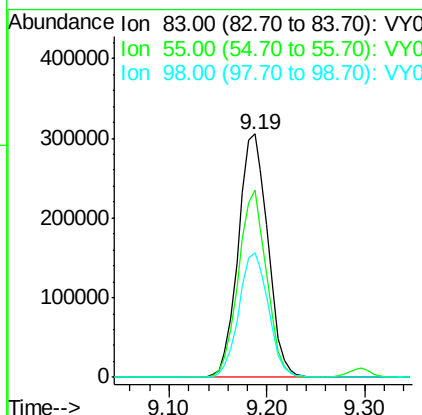
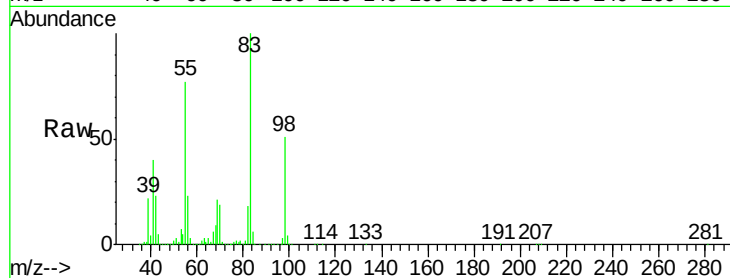
#39
Methylvlcyclohexane
Concen: 91.411 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	58.6	87.8
98	51.0	41.0	61.6

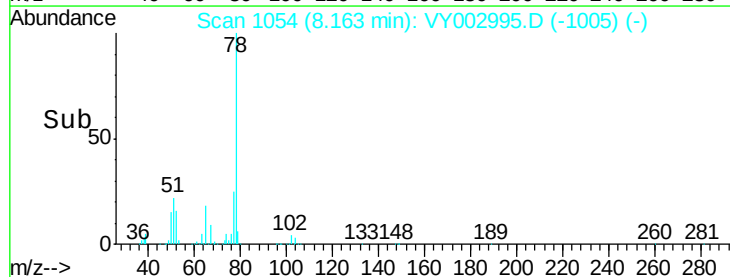
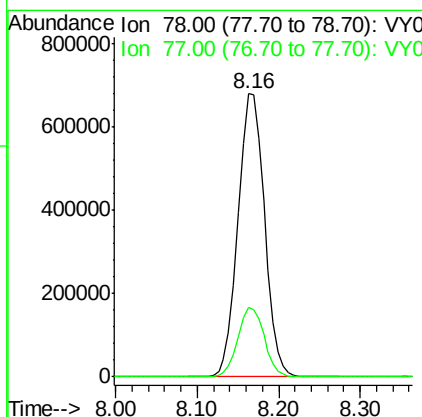
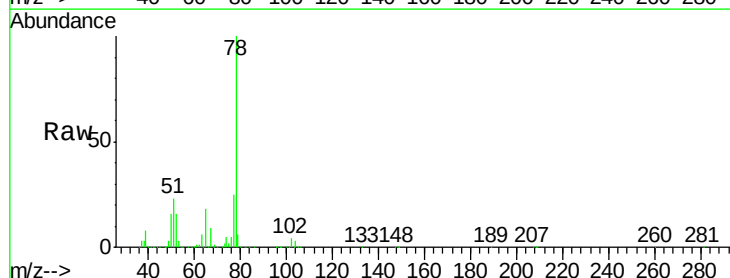
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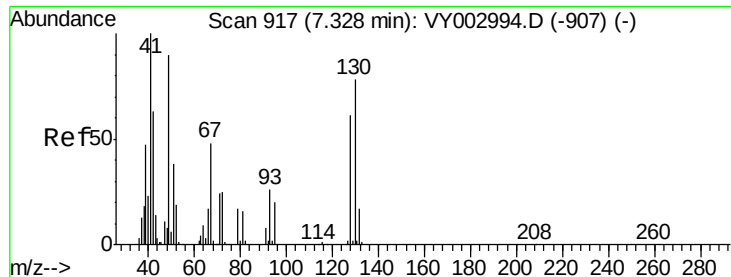
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#40
Benzene
Concen: 95.402 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.2	28.8





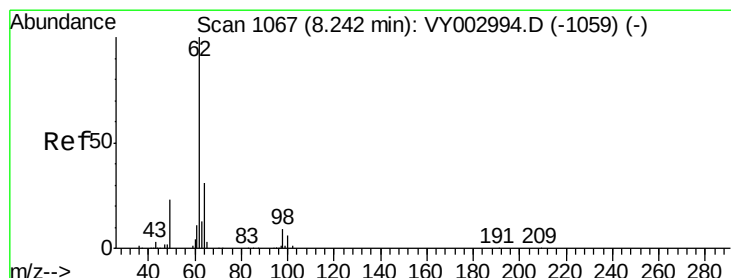
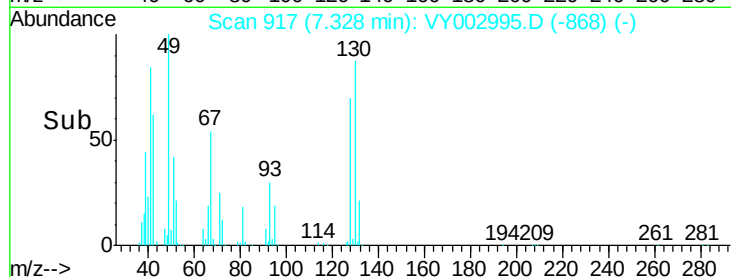
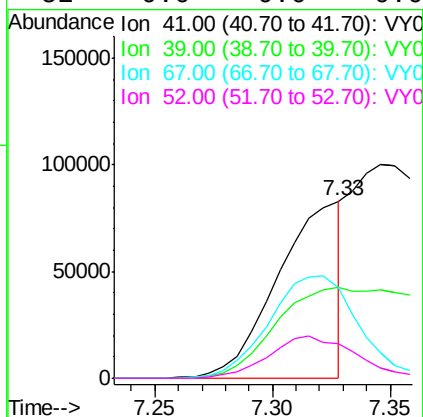
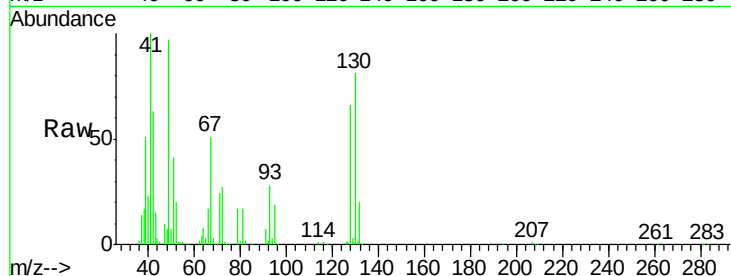
#41
Methacrylonitrile
Concen: 34.538 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
41	100	156401		
39	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0

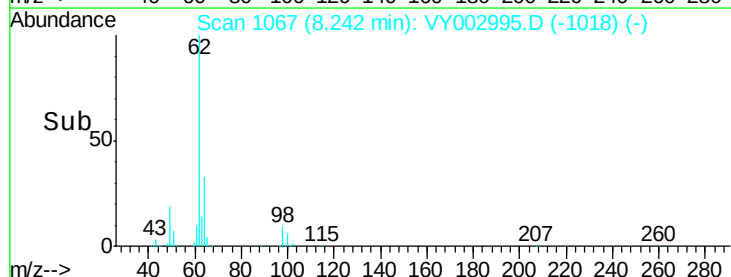
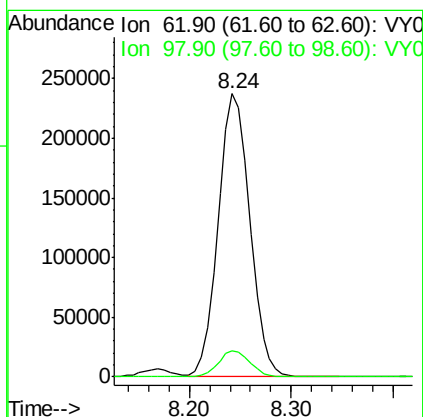
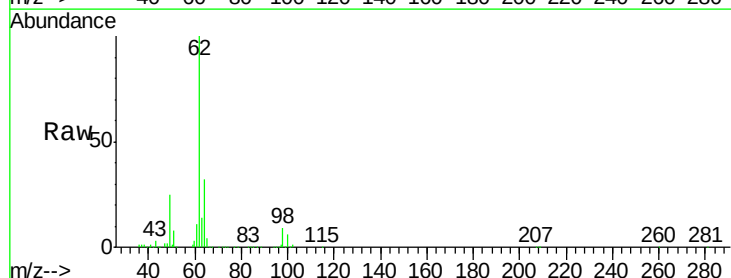
Manual Integrations
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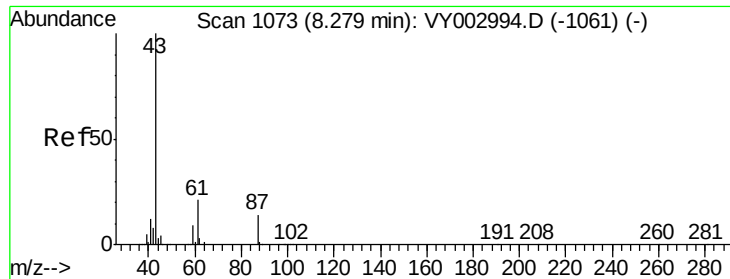
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#42
1,2-Dichloroethane
Concen: 99.055 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	512823		
98	9.2	0.0	18.4	





#43

Isopropyl Acetate

Concen: 102.011 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Instrument :

MSVOA_Y

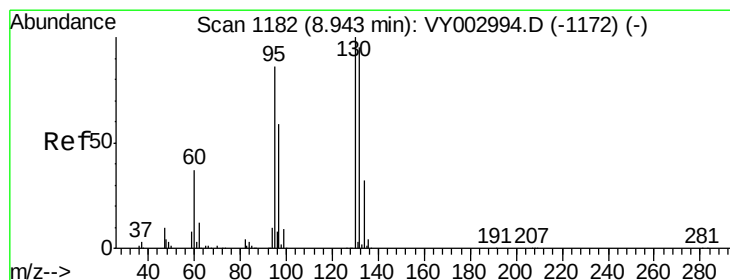
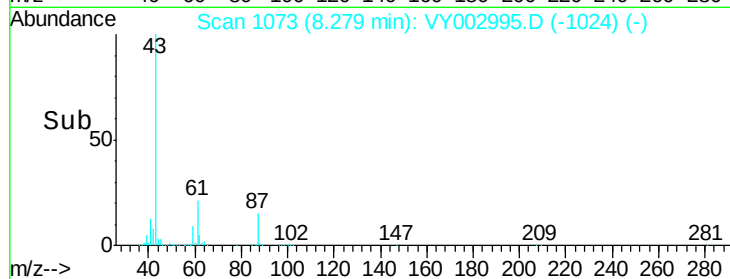
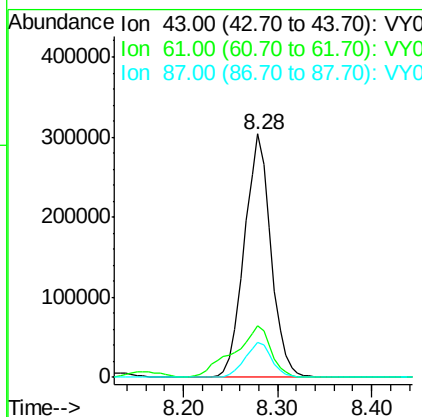
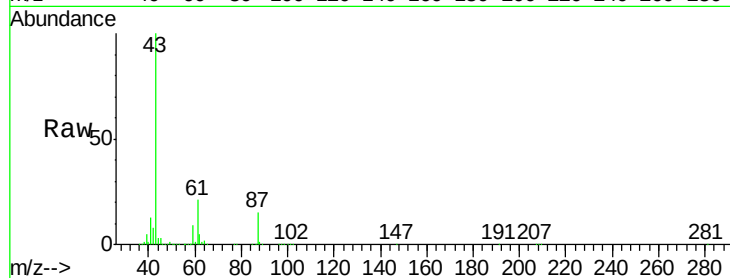
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	599393
Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.2	34.8
87	14.4	11.4	17.2

Manual Integrations
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#44

Trichloroethene

Concen: 90.430 ug/l

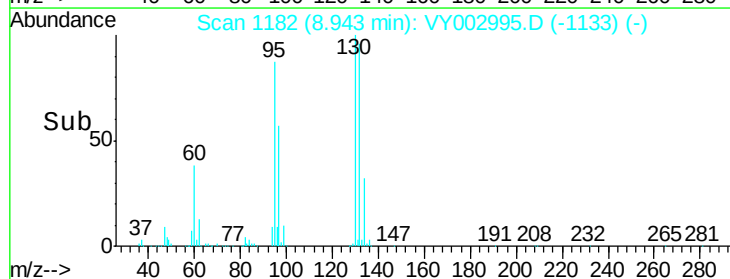
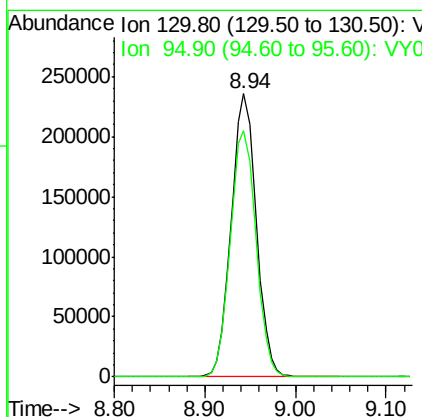
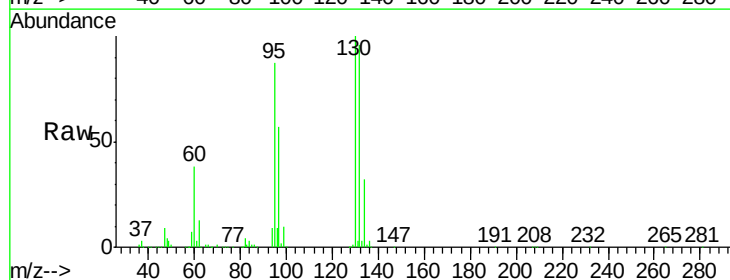
RT: 8.94 min Scan# 1182

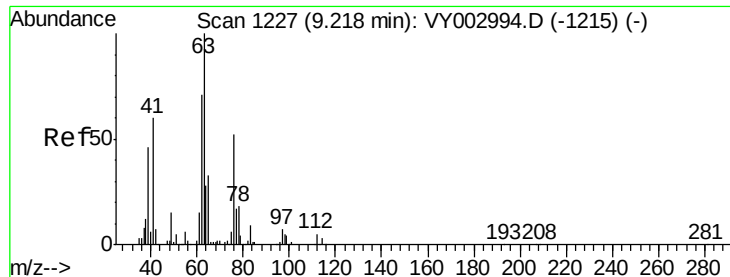
Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Tgt Ion:	130	Resp:	453763
Ion	Ratio	Lower	Upper
130	100		
95	86.9	0.0	171.4





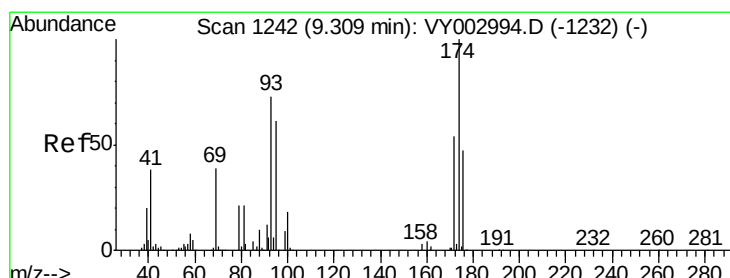
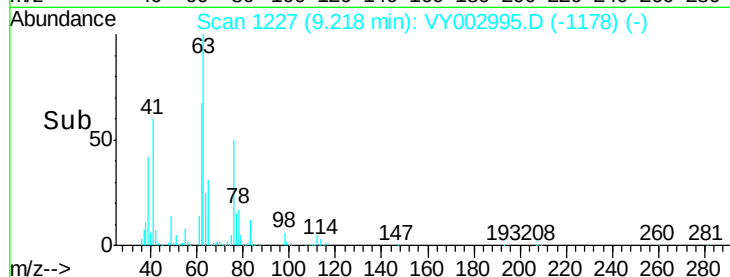
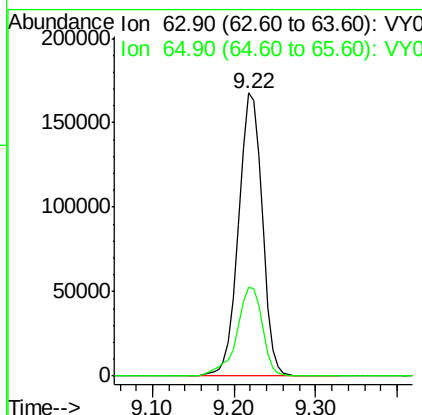
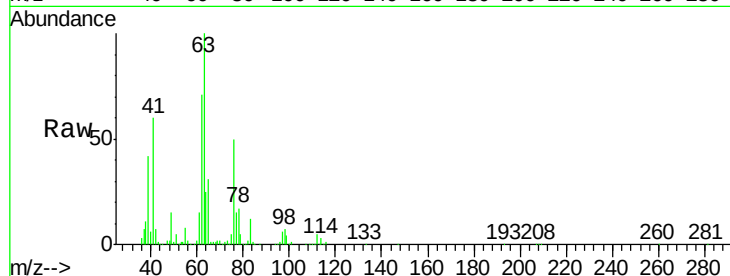
#45
 1,2-Dichloropropane
 Concen: 90.183 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
65	31.5	26.2	39.4	

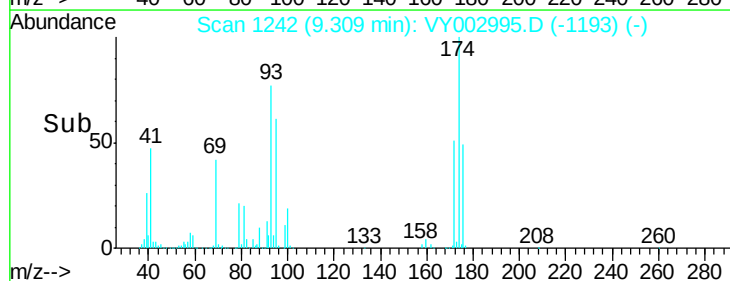
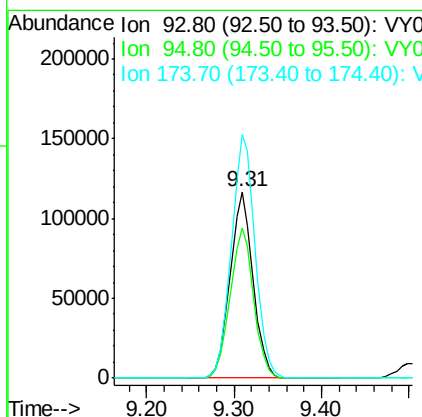
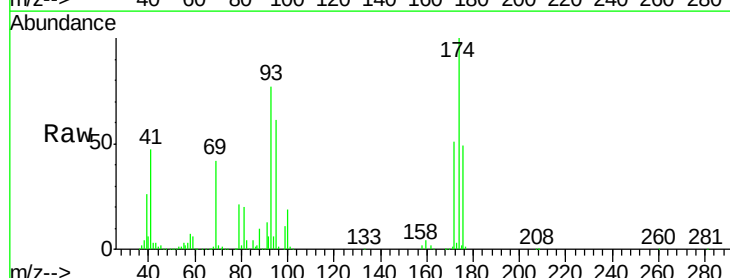
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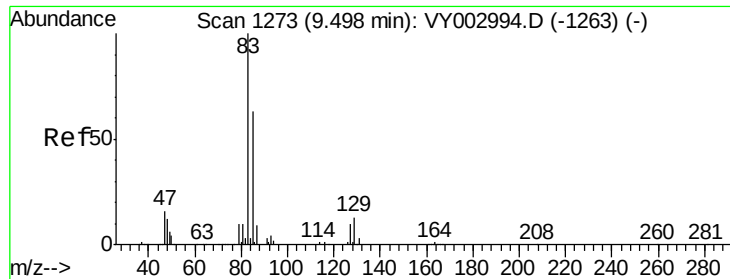
MMDadoda
 6/26/2020 11:22:18 AM



#46
 Dibromomethane
 Concen: 94.468 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	82.1	66.2	99.2	
174	134.5	109.8	164.8	





#47

Bromodichloromethane

Concen: 93.160 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Instrument :

MSVOA_Y

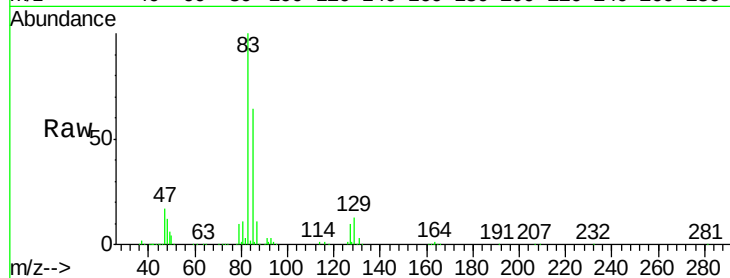
ClientSampleId :

VSTDIC100

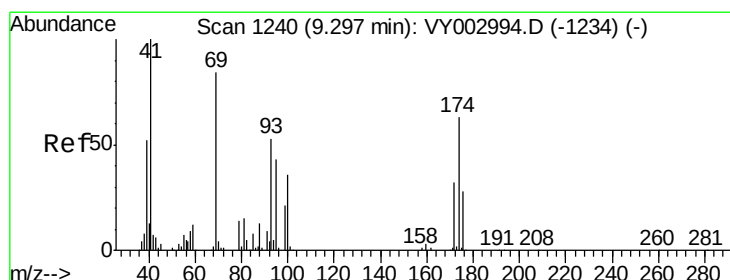
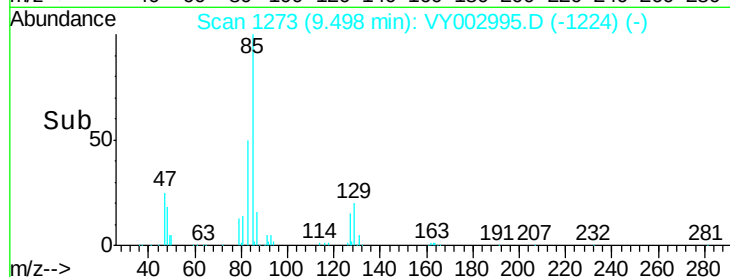
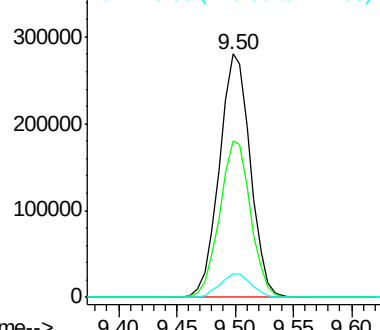
Tot Ion:	83	Resp:	521410
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.2	75.4
127	9.8	7.8	11.6

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 93.330 ug/l

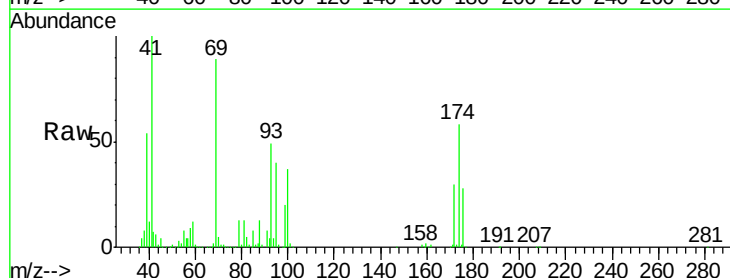
RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

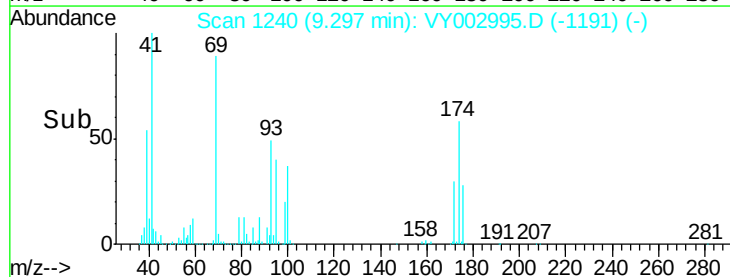
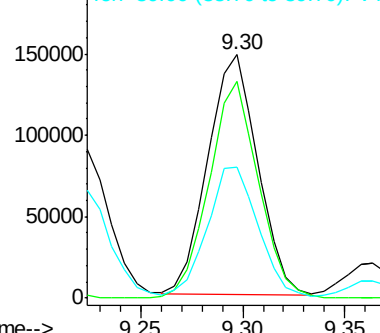
Lab File: VY002995.D

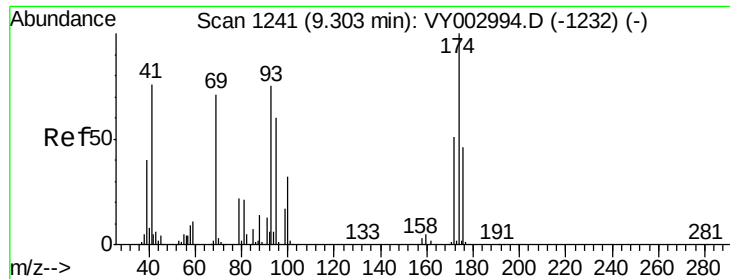
Acq: 25 Jun 2020 12:57

Tgt Ion:	41	Resp:	251312
Ion	Ratio	Lower	Upper
41	100		
69	89.1	70.2	105.2
39	54.1	45.0	67.6



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





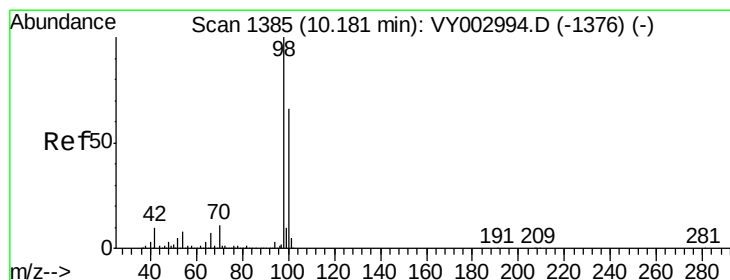
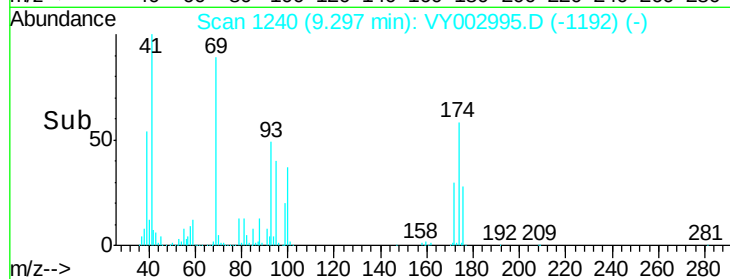
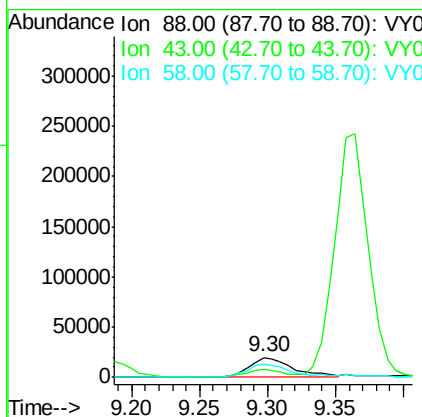
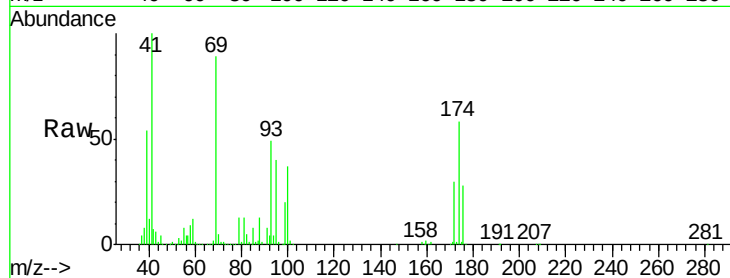
#49
1,4-Dioxane
Concen: 1708.850 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	88	Resp	45001
Ion	Ratio	Lower	Upper
88	100		
43	34.5	26.6	39.8
58	67.9	50.6	75.8

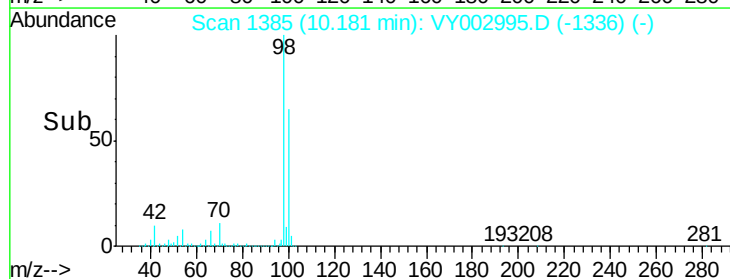
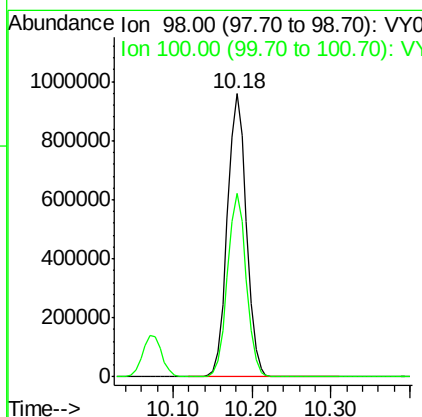
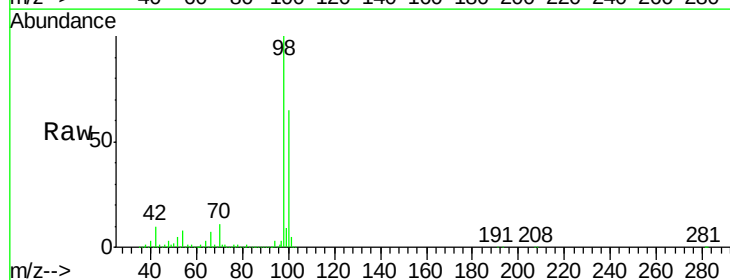
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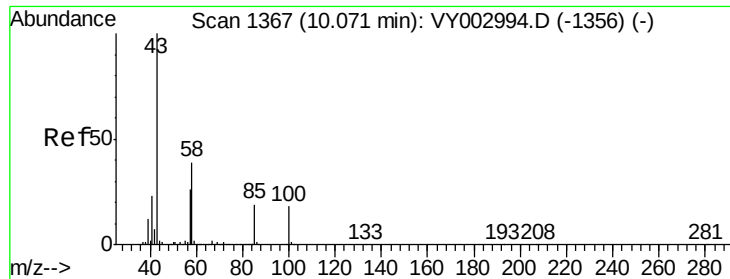
MMDadoda
6/26/2020 11:22:18 AM



#50
Toluene-d8
Concen: 105.276 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion	98	Resp	1605008
Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0





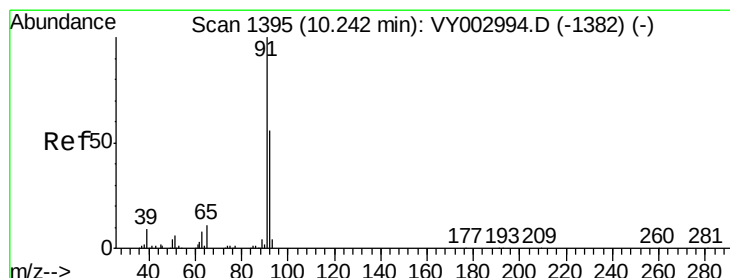
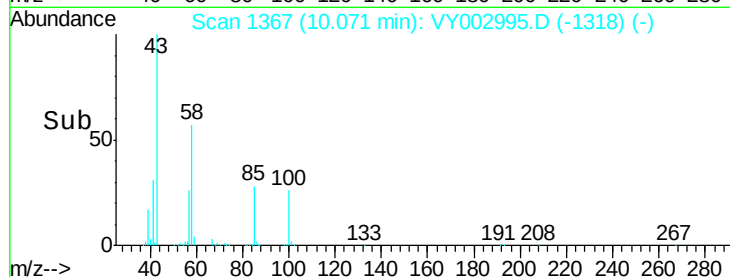
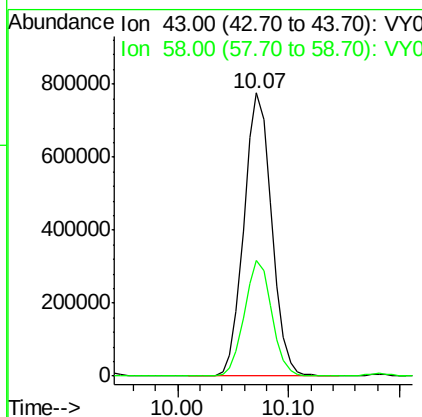
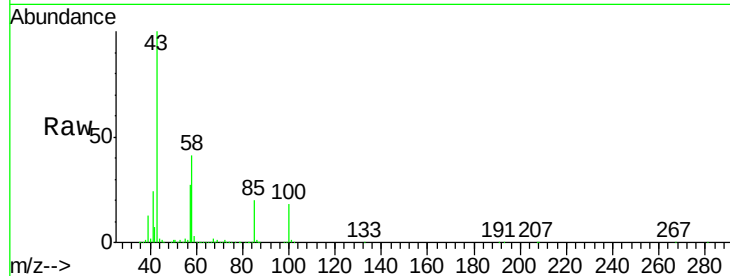
#51
4-Methyl-2-Pentanone
Concen: 442.236 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1341656
Ion Ratio Lower Upper
43 100
58 40.3 31.4 47.0

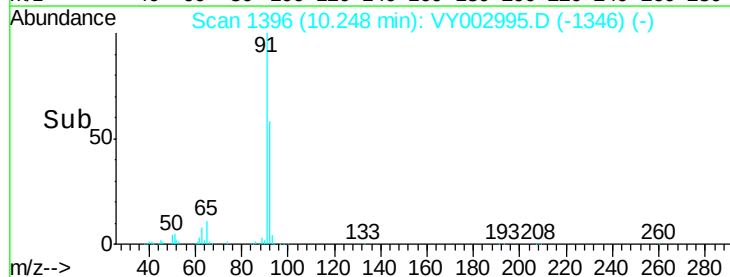
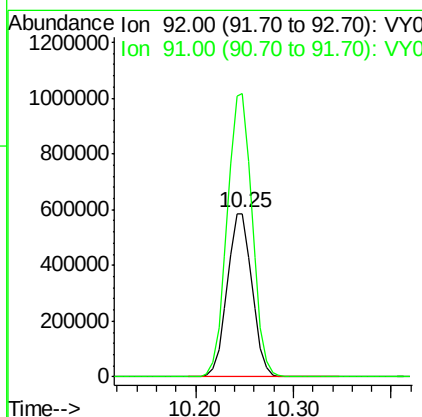
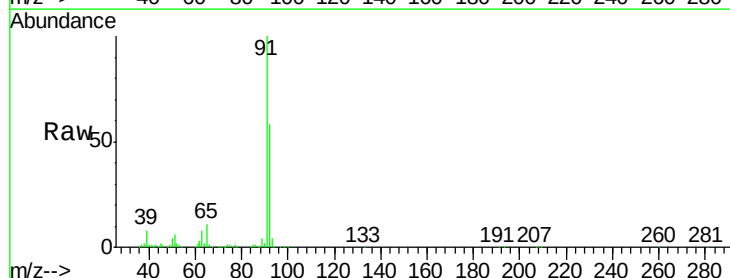
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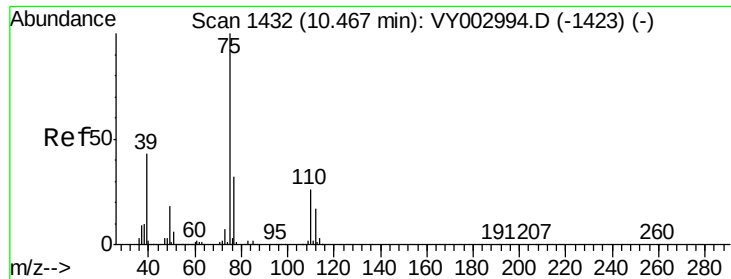
MMDadoda
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#52
Toluene
Concen: 96.303 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion: 92 Resp: 1032240
Ion Ratio Lower Upper
92 100
91 174.6 140.7 211.1





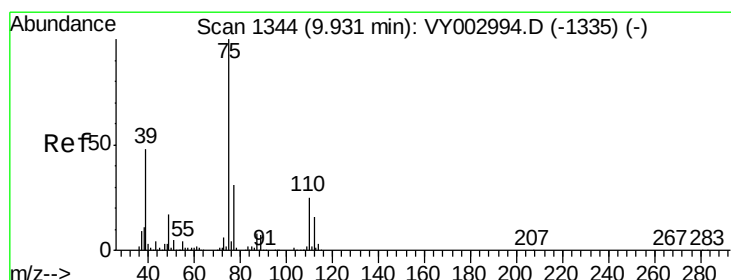
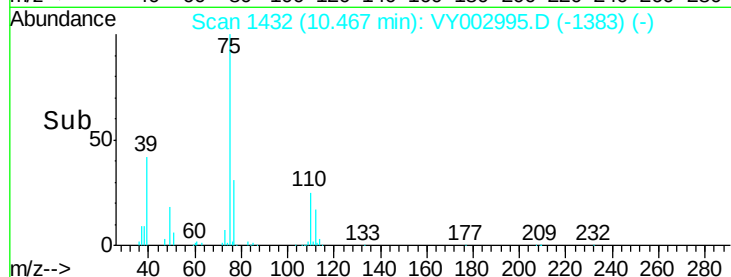
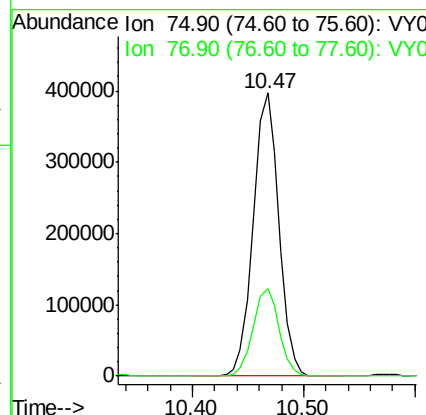
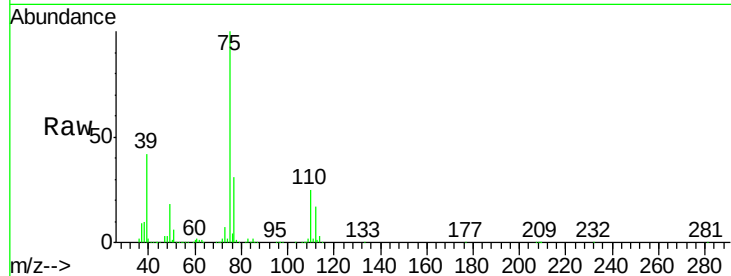
#53
 t-1,3-Dichloropropene
 Concen: 99.756 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.4	38.2

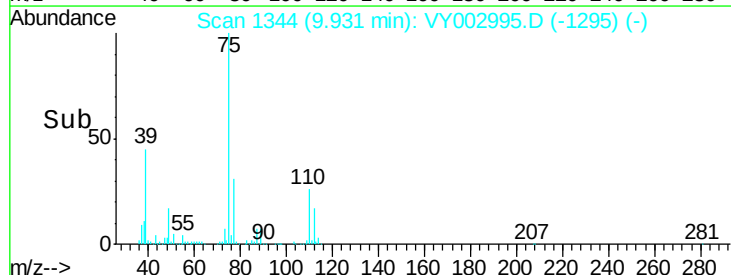
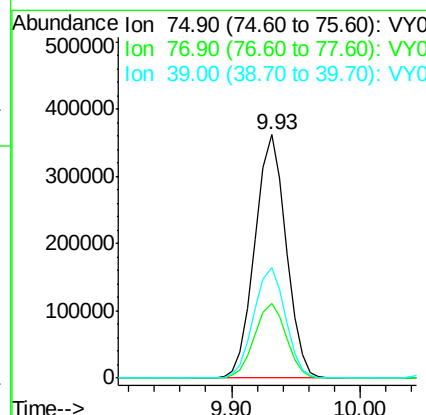
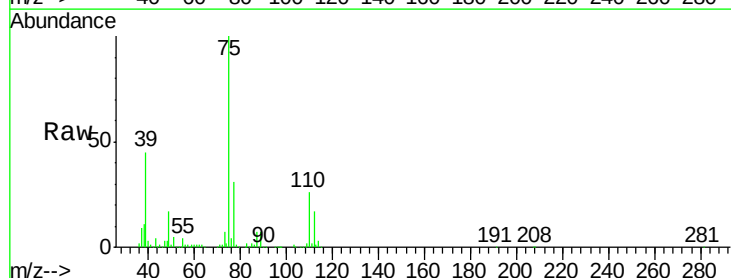
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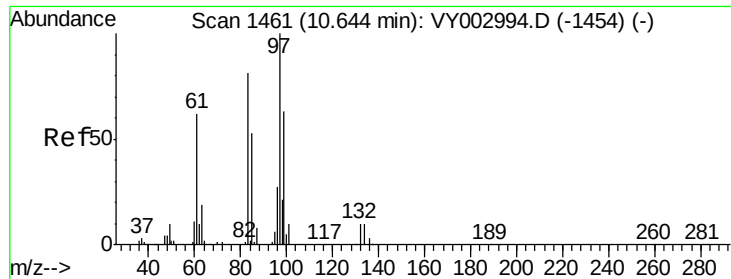
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 91.570 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.1	37.7
39	45.5	38.4	57.6





#55

1,1,2-Trichloroethane

Concen: 97.359 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Instrument :

MSVOA_Y

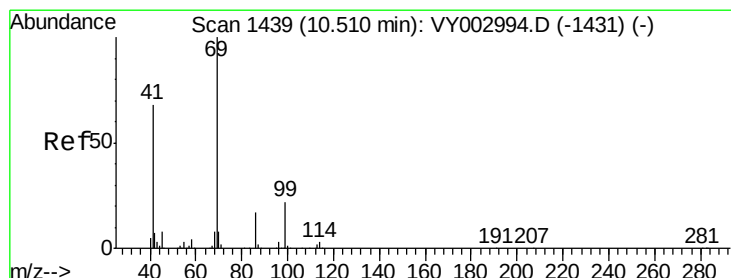
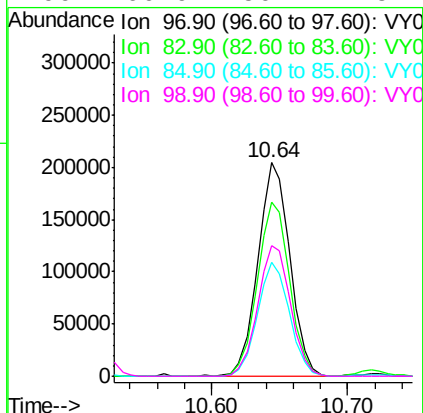
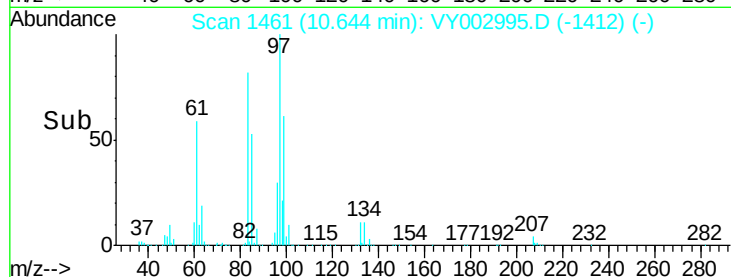
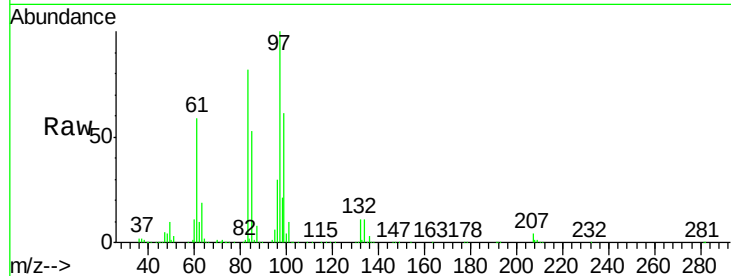
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.8	64.6	96.8
85	52.9	42.6	63.8
99	60.9	50.1	75.1

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#56

Ethyl methacrylate

Concen: 101.288 ug/l

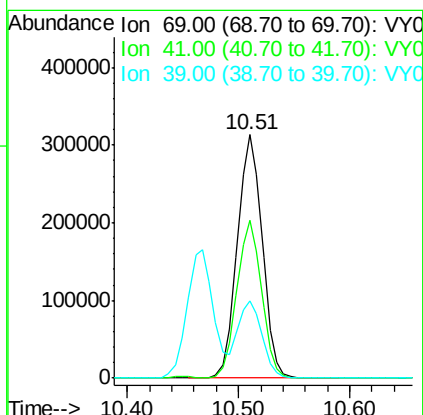
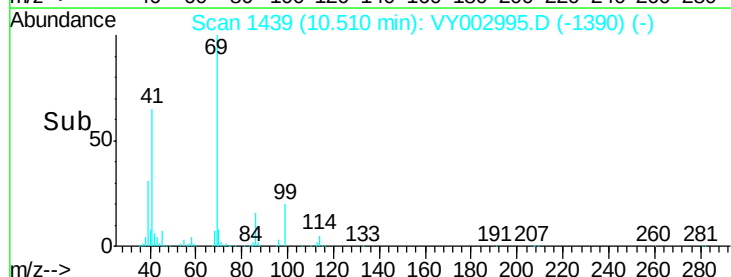
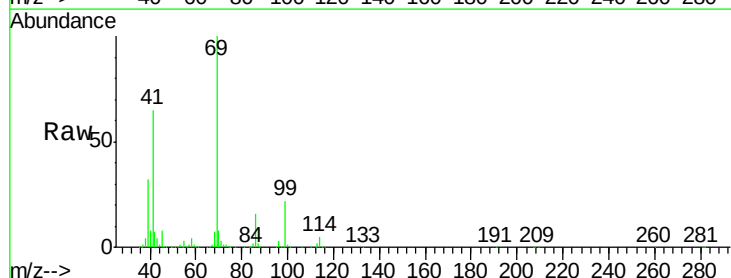
RT: 10.51 min Scan# 1439

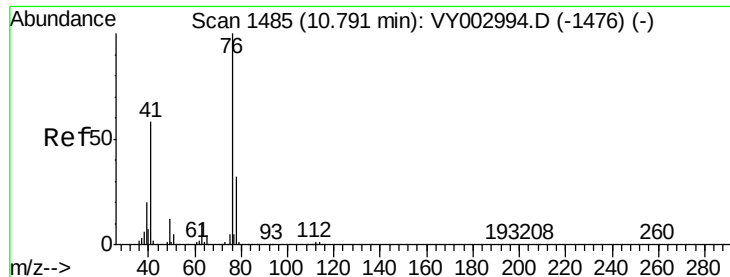
Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.1	51.4	77.0
39	30.2	24.4	36.6





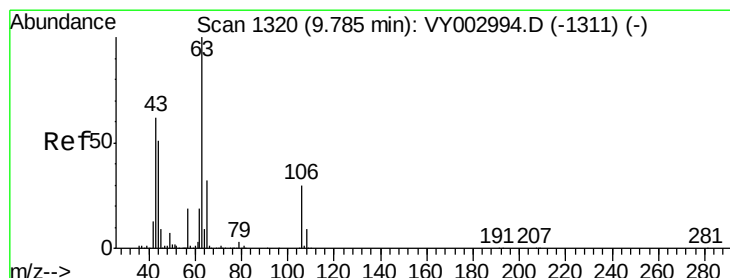
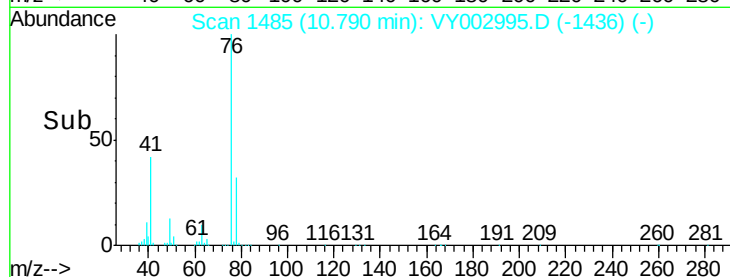
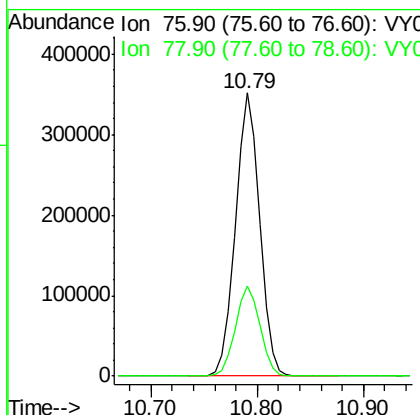
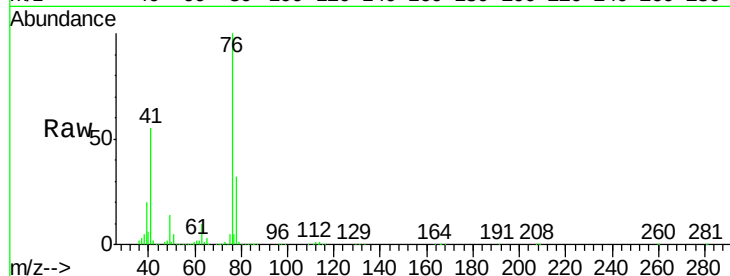
#57
 1,3-Dichloropropane
 Concen: 94.854 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

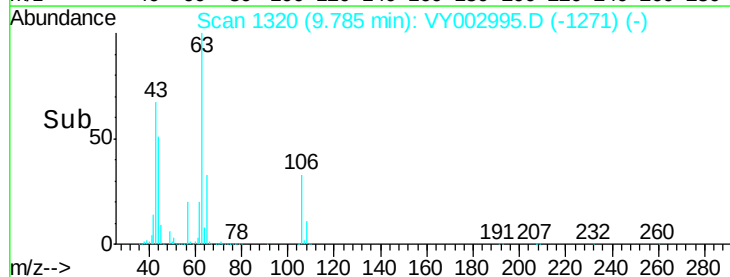
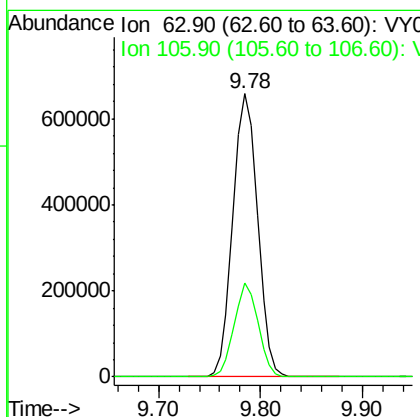
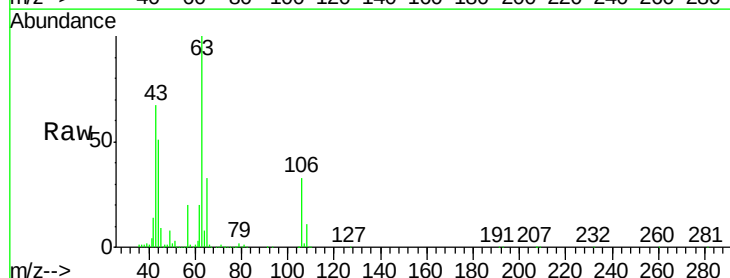
Manual Integrations
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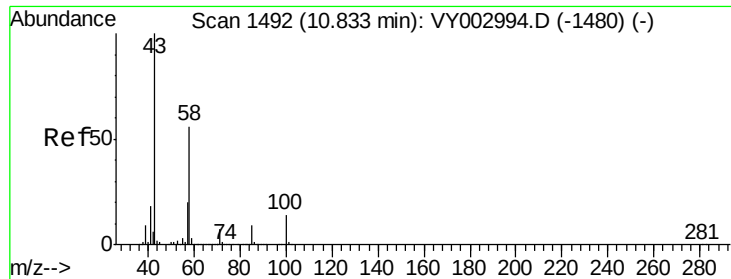
MMDadoda
 6/26/2020 11:22:18 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 523.258 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.1	25.3	37.9





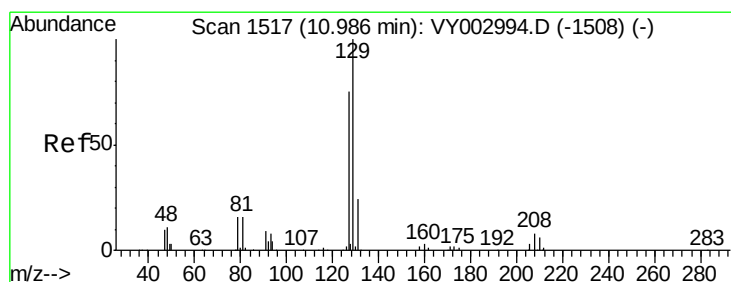
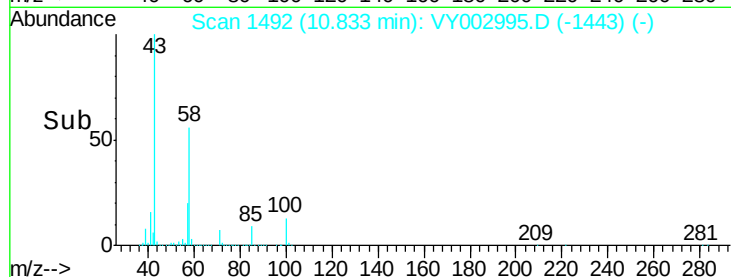
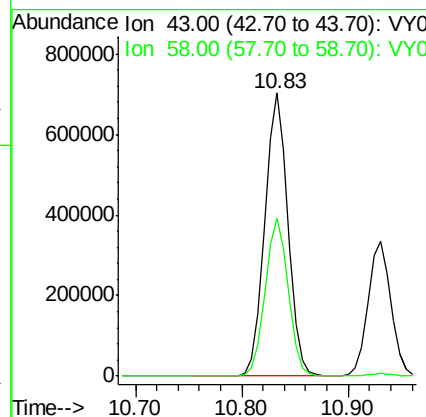
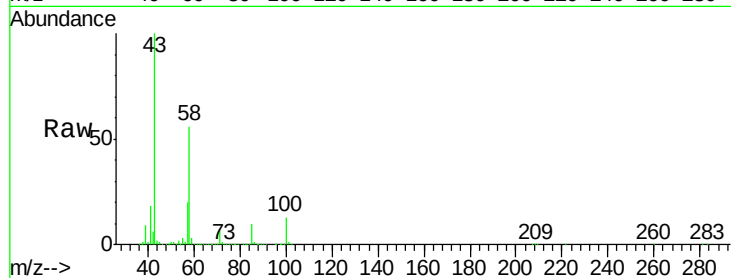
#59
2-Hexanone
Concen: 484.740 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 1072862
Ion Ratio Lower Upper
43 100
58 55.5 27.4 82.0

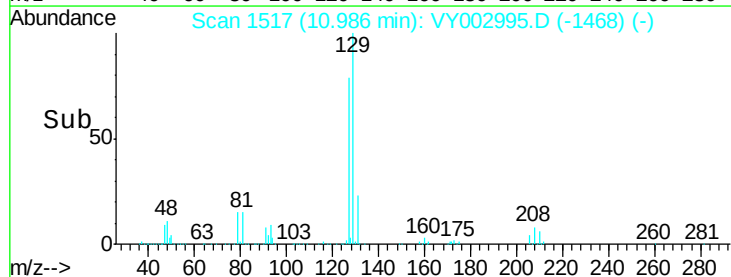
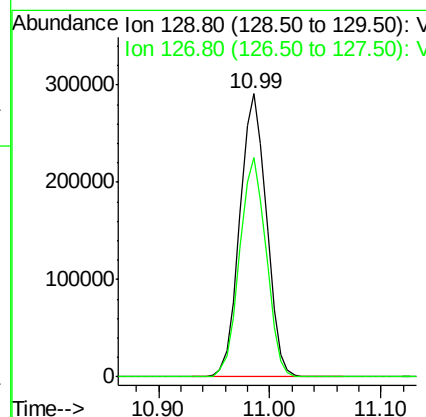
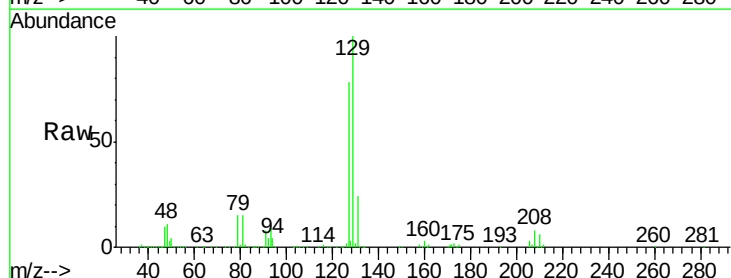
Manual Integrations
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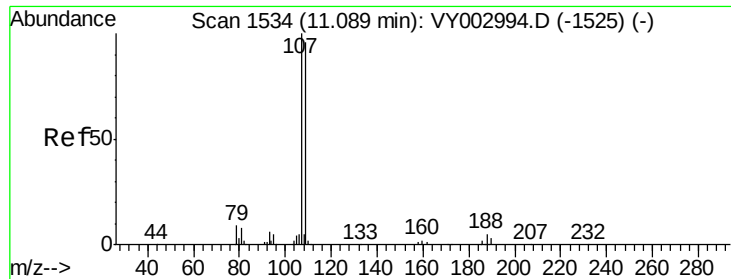
MMDadoda
6/26/2020 11:22:18 AM



#60
Dibromochloromethane
Concen: 100.801 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion: 129 Resp: 483266
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.8





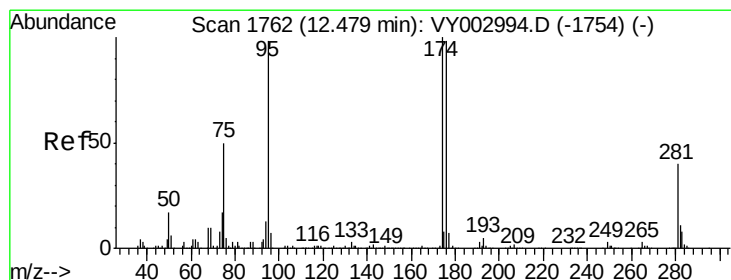
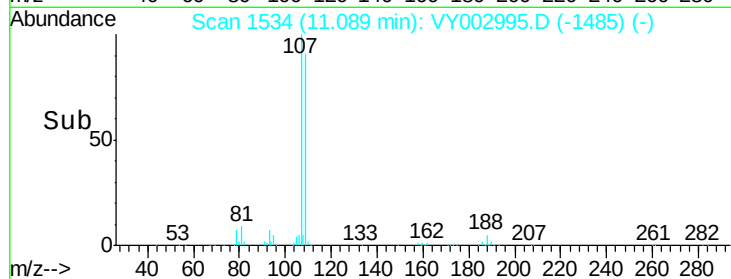
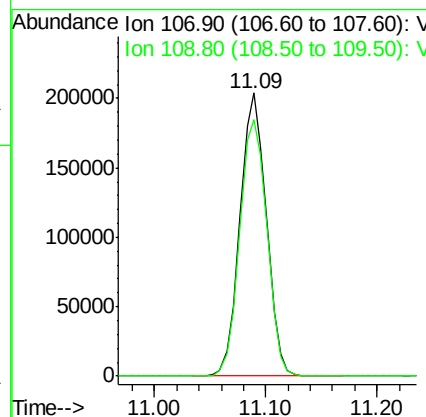
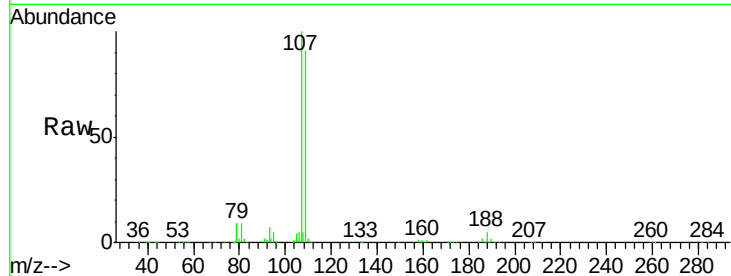
#61
 1,2-Dibromoethane
 Concen: 95.253 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100	332522		
109	94.1	76.9	115.3	

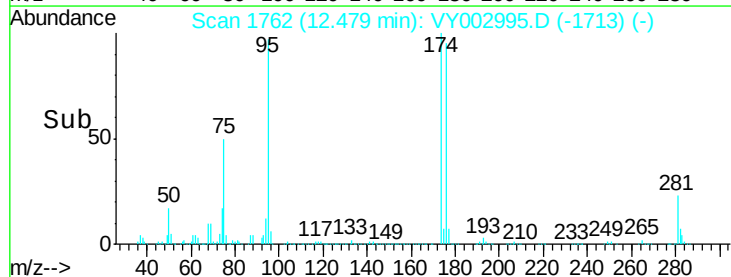
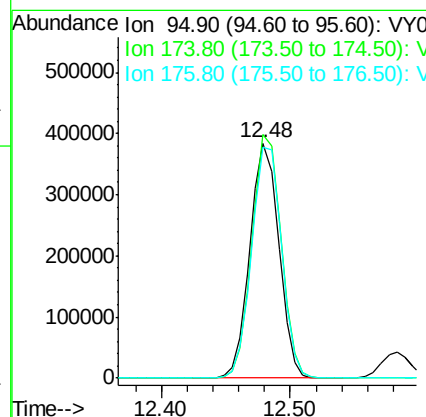
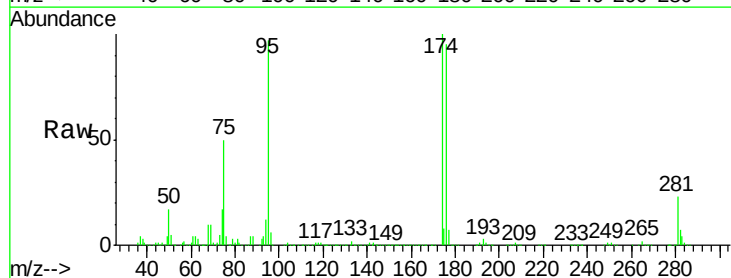
Manual Integrations
 APPROVED

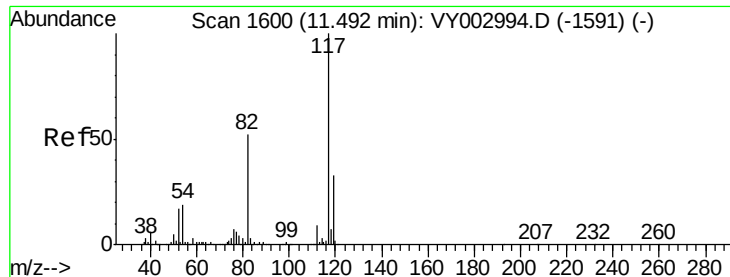
MMDadoda
 6/26/2020 11:22:18 AM



#62
 4-Bromofluorobenzene
 Concen: 104.536 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	594786		
174	104.3	0.0	209.2	
176	101.4	0.0	206.2	





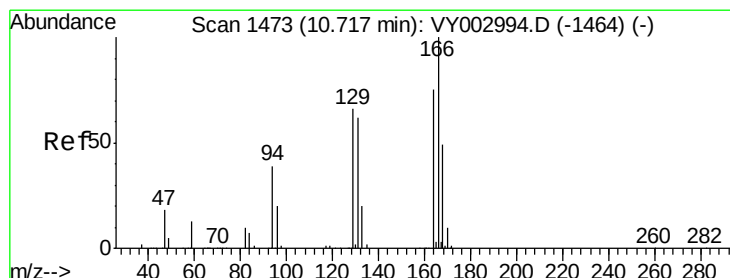
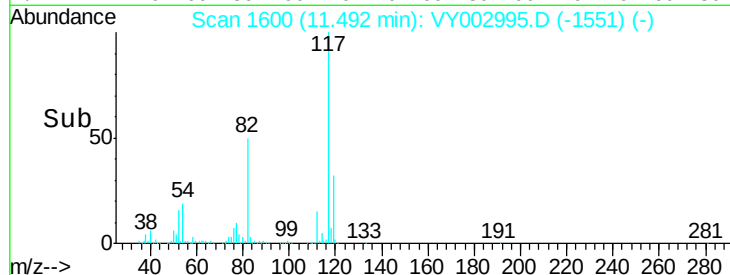
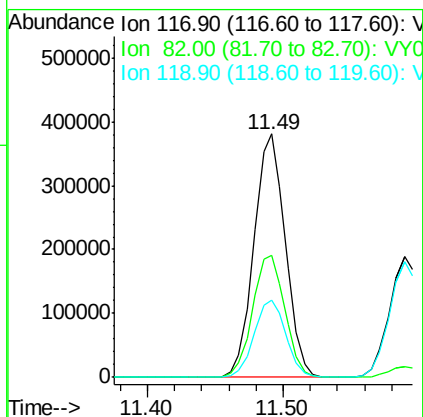
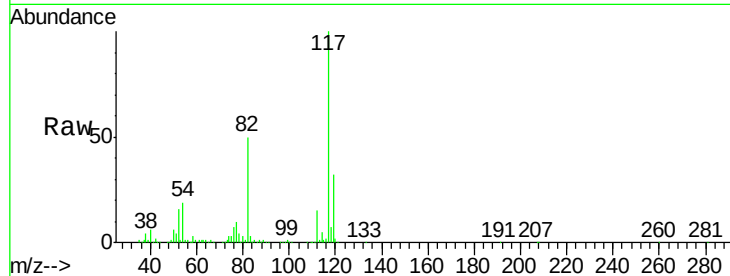
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	616853		
82	49.9		41.8	62.8
119	31.9		26.7	40.1

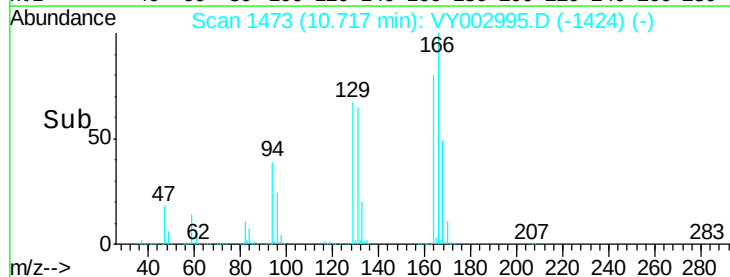
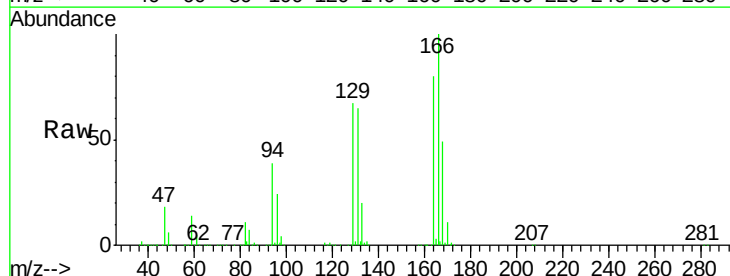
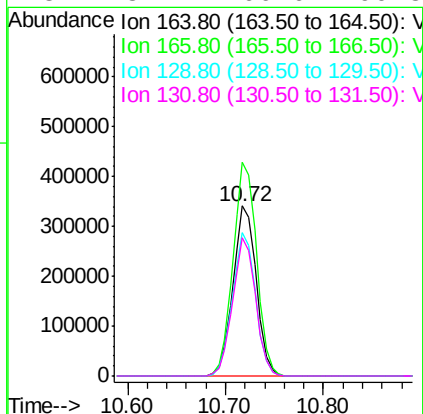
Manual Integrations
APPROVED

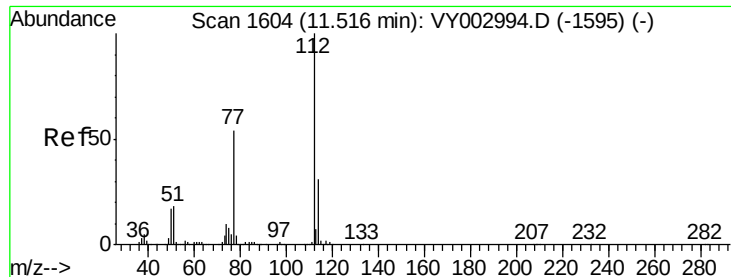
MMDadoda
6/26/2020 11:22:18 AM



#64
Tetrachloroethene
Concen: 97.925 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	560859		
166	125.5		106.8	160.2
129	83.9		69.9	104.9
131	81.2		66.6	99.8





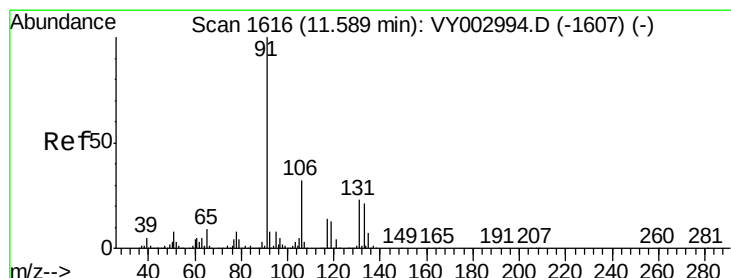
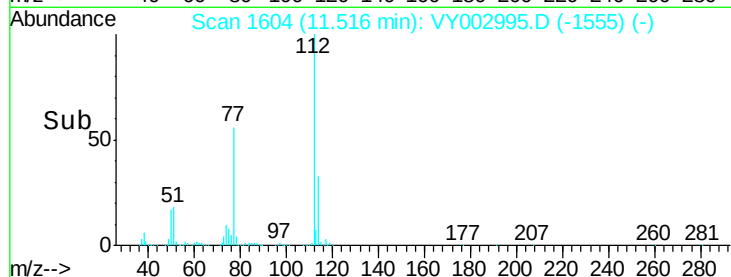
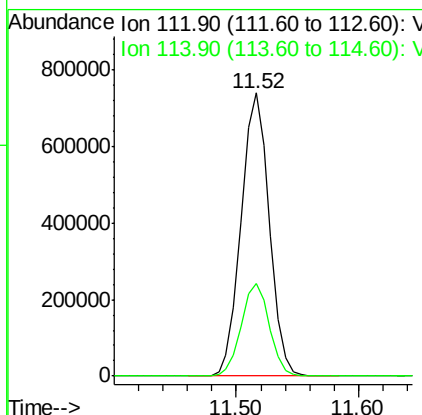
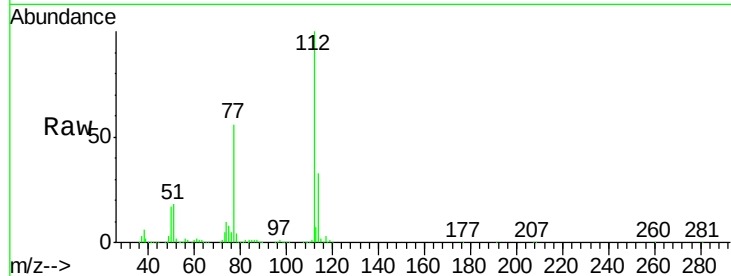
#65
Chlorobenzene
Concen: 96.151 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 1179036
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4

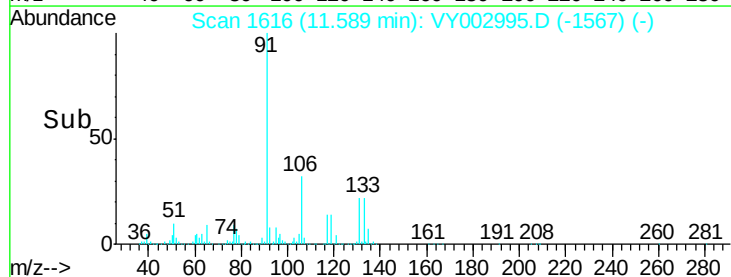
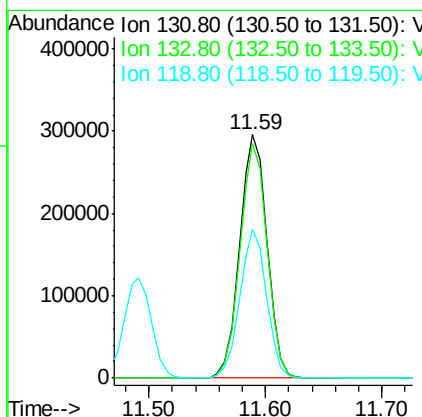
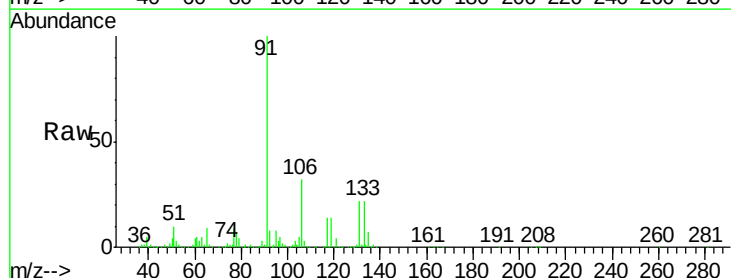
Manual Integrations
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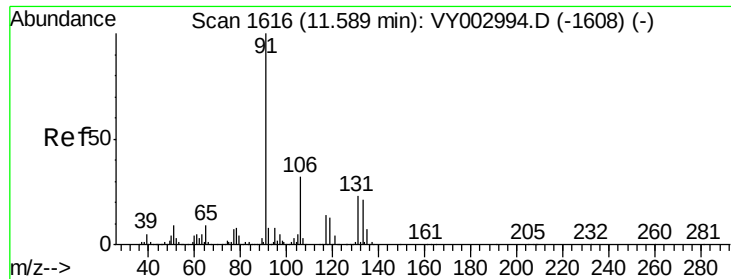
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#66
1,1,1,2-Tetrachloroethane
Concen: 97.312 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion:131 Resp: 482632
Ion Ratio Lower Upper
131 100
133 95.7 48.2 144.6
119 60.0 30.1 90.5





#67

Ethyl Benzene

Concen: 96.639 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 2073450

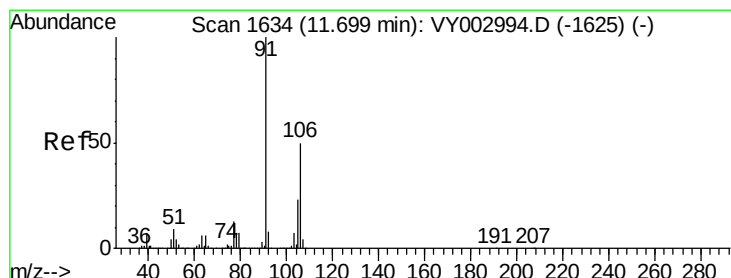
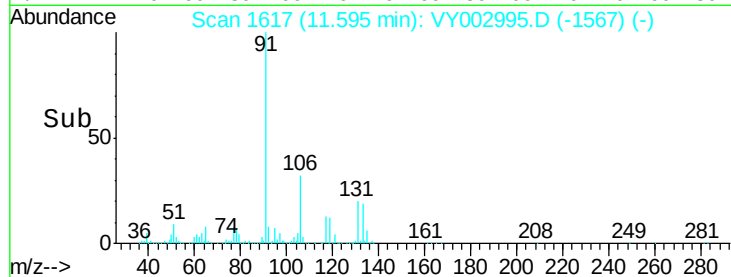
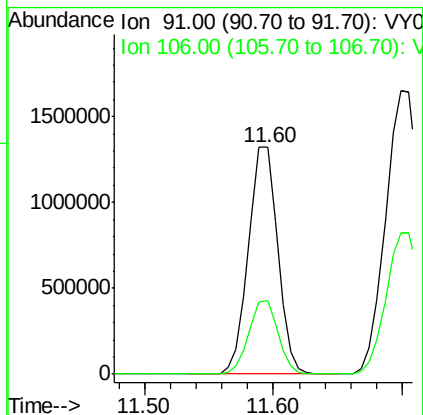
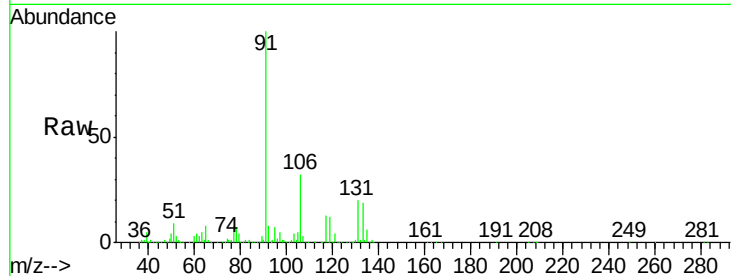
Ion Ratio Lower Upper

91 100

106 32.5 25.9 38.9

Manual Integrations
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#68

m/p-Xylenes

Concen: 189.186 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002995.D

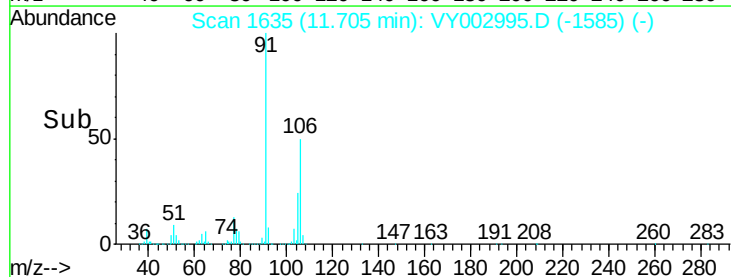
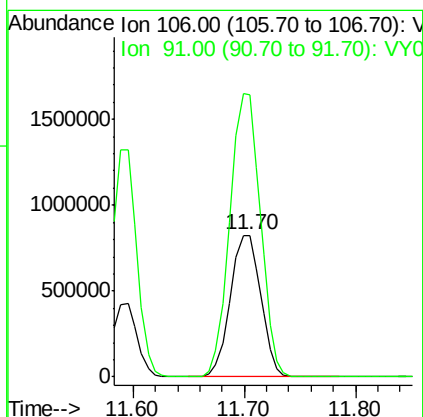
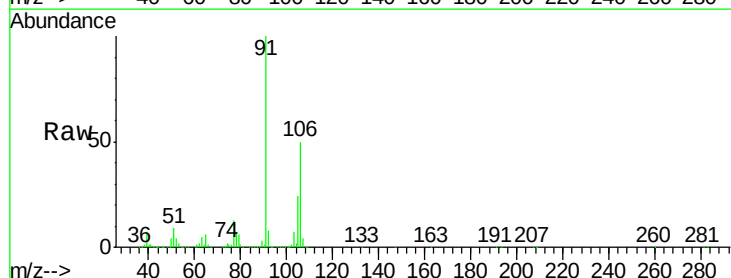
Acq: 25 Jun 2020 12:57

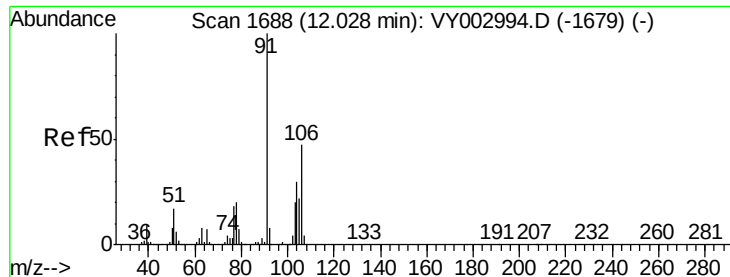
Tgt Ion: 106 Resp: 1564002

Ion Ratio Lower Upper

106 100

91 200.7 160.0 240.0





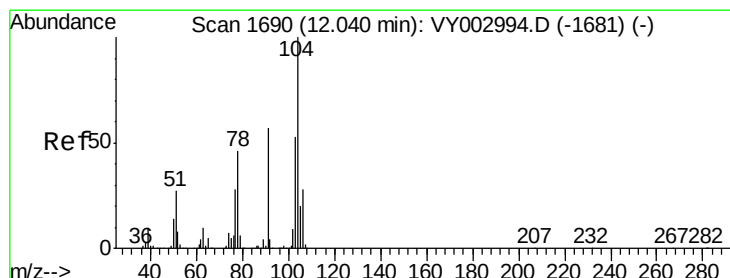
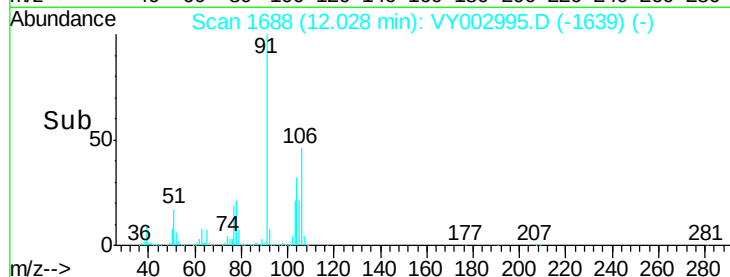
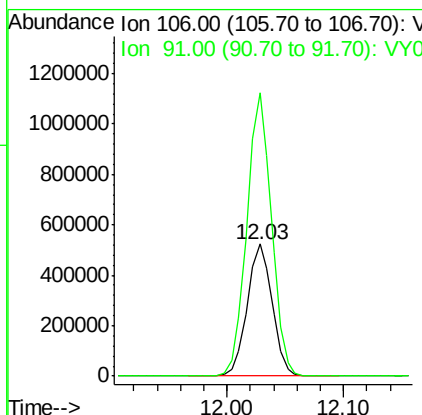
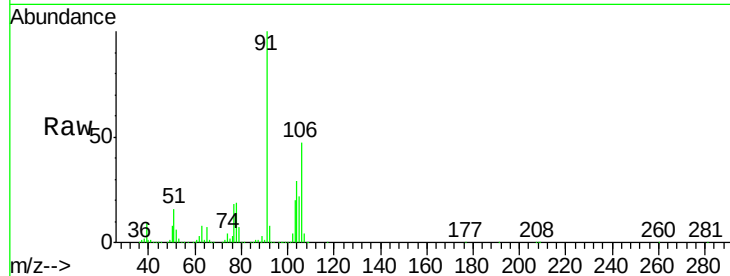
#69
o-Xylene
Concen: 99.716 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	211.6	105.8	317.3

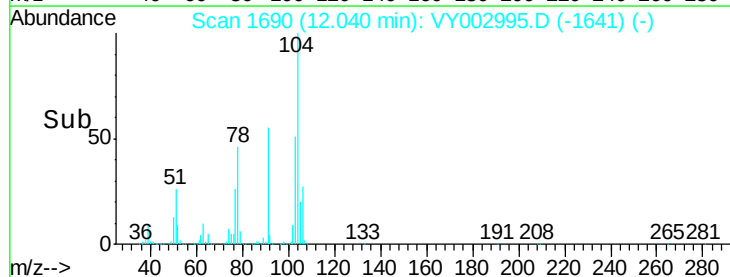
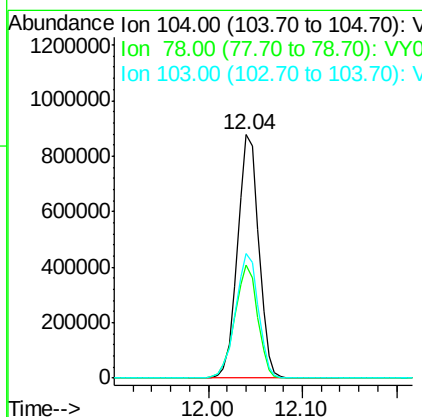
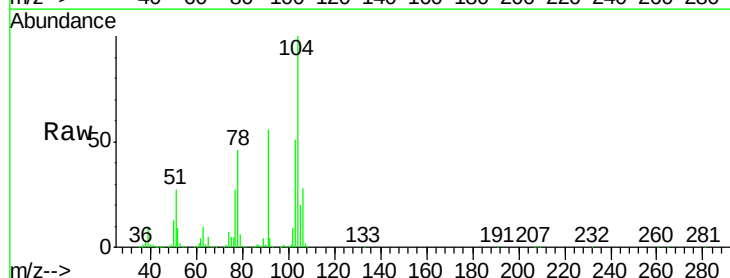
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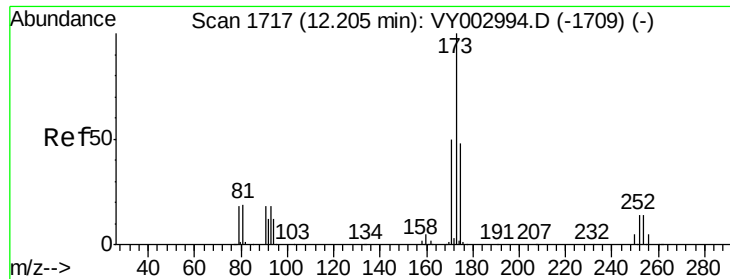
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#70
Styrene
Concen: 101.824 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	49.8	40.0	60.0
103	103	55.2	44.3	66.5





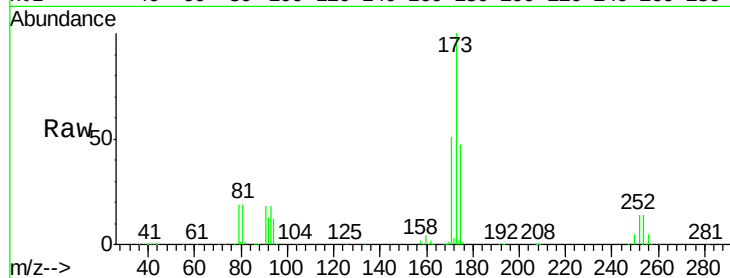
#71
Bromoform
Concen: 98.534 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

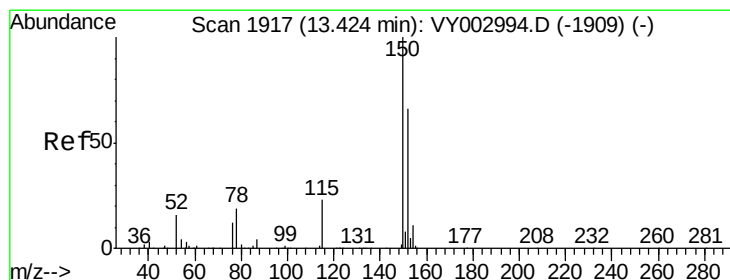
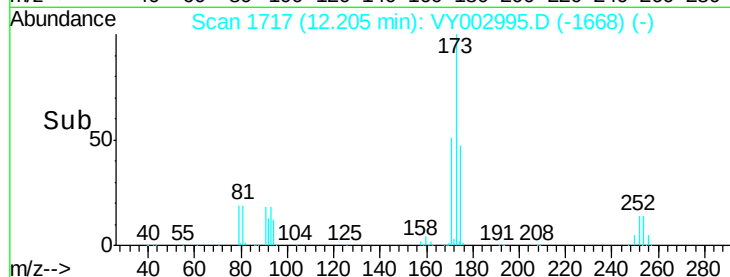
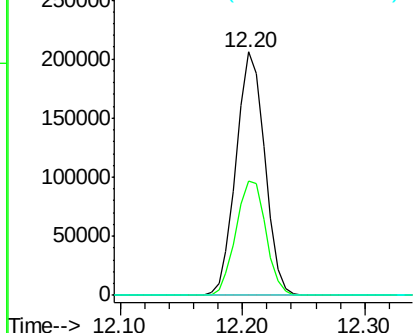
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.1	72.2
254	0.2	0.2	0.4

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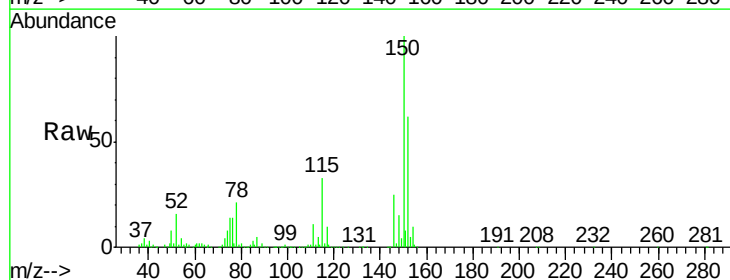


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

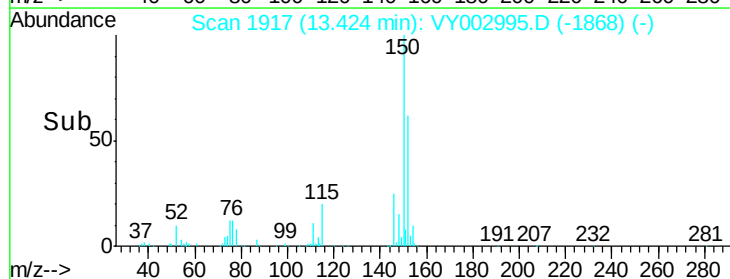
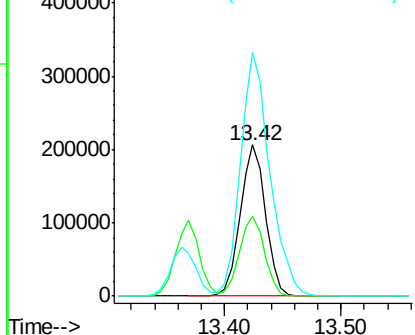


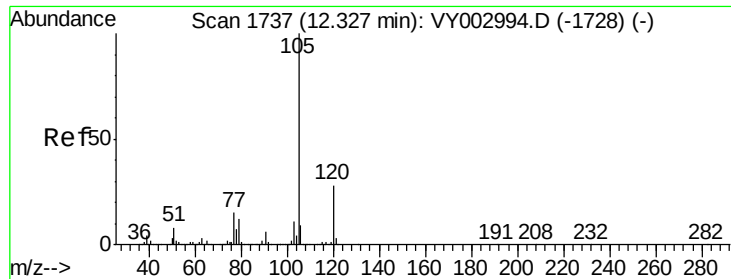
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.4	26.3	78.8
150	187.4	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





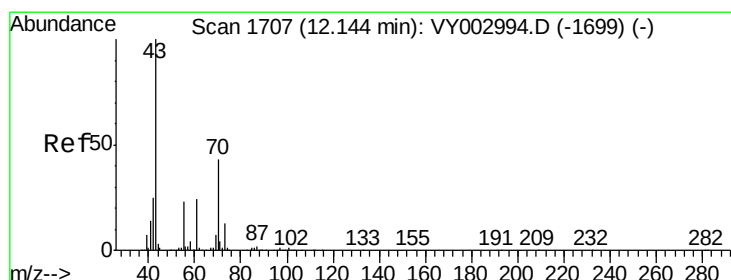
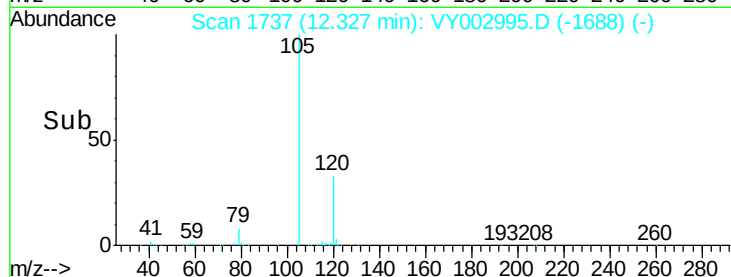
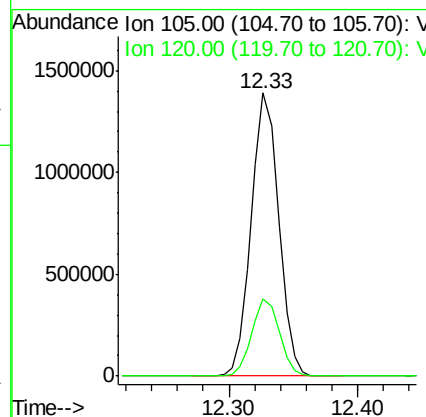
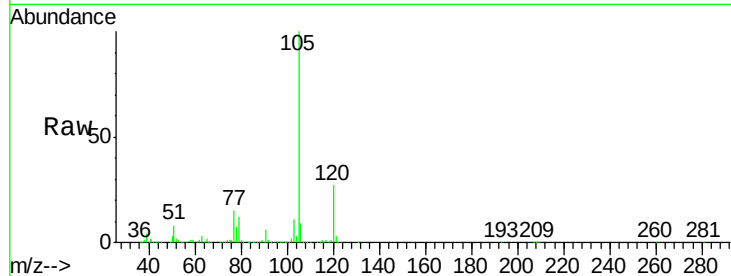
#73
Isopropylbenzene
Concen: 101.164 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:105 Resp: 2044622
Ion Ratio Lower Upper
105 100
120 27.4 13.8 41.3

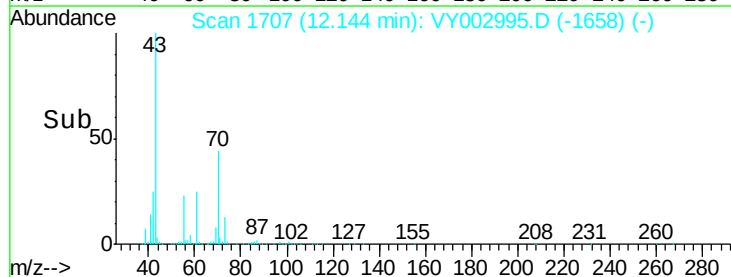
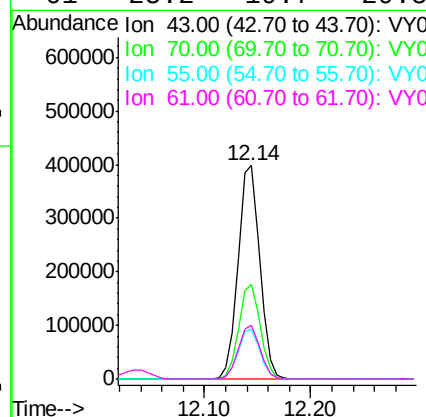
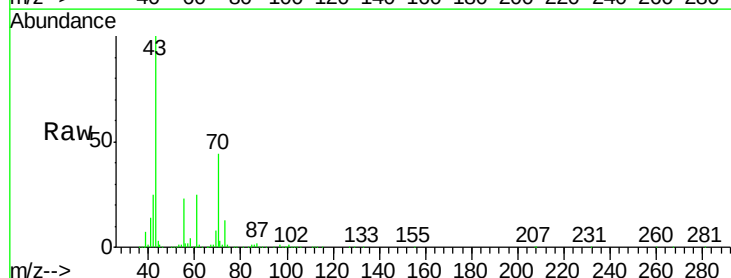
Manual Integrations
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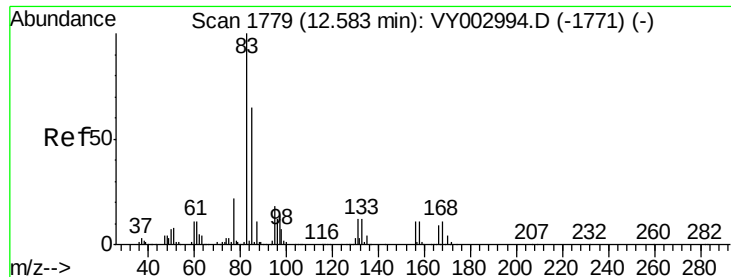
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#74
N-ethyl acetate
Concen: 104.835 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion: 43 Resp: 572519
Ion Ratio Lower Upper
43 100
70 43.9 34.4 51.6
55 23.5 18.8 28.2
61 25.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 104.220 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Instrument :

MSVOA_Y

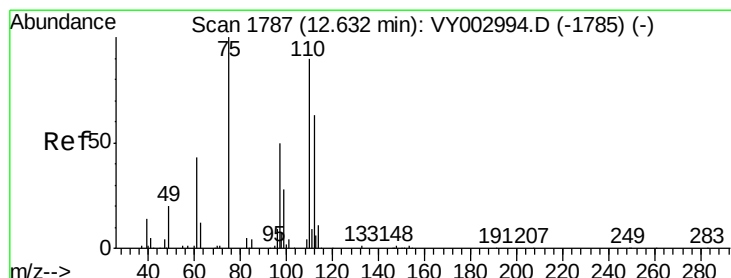
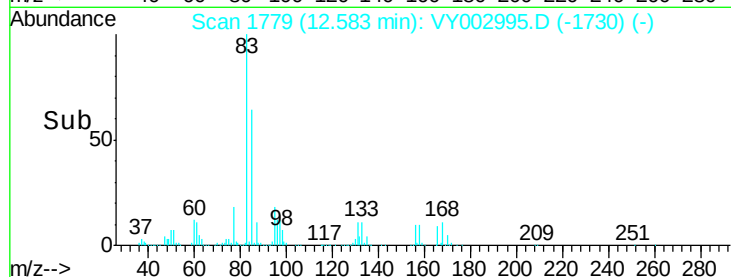
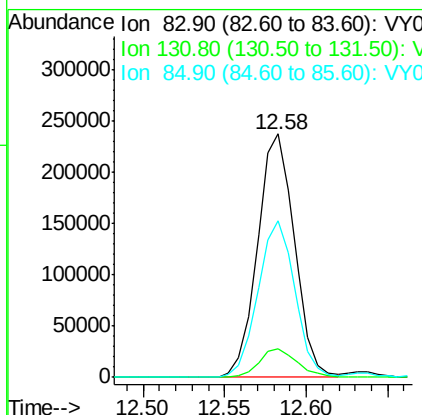
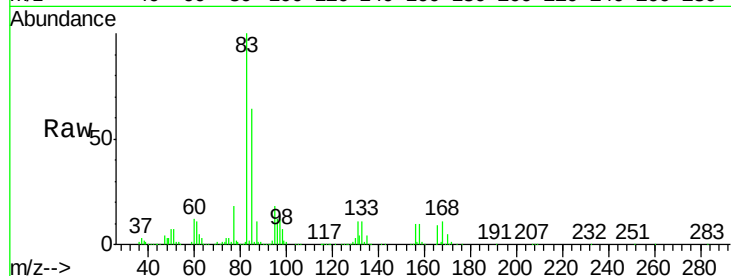
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	374368
Ion Ratio	Lower	Upper	
83	100		
131	12.2	6.3	18.8
85	64.2	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.235 ug/l m

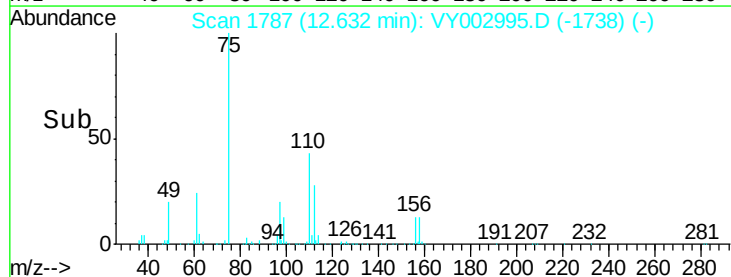
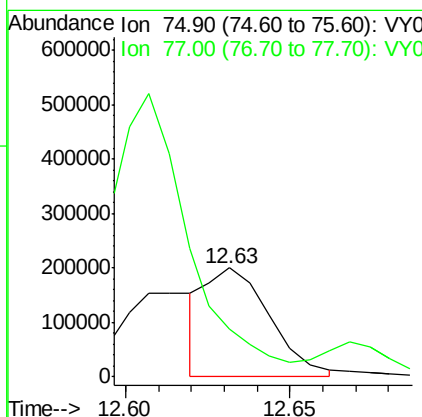
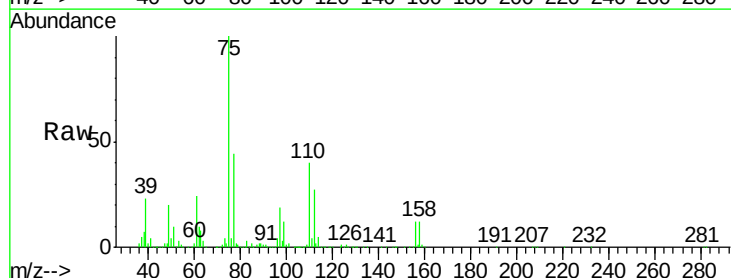
RT: 12.63 min Scan# 1787

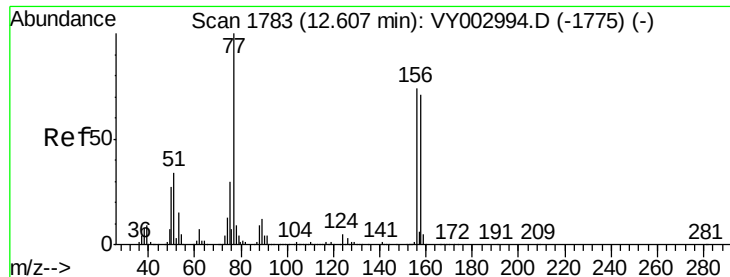
Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Tgt Ion:	75	Resp:	273918
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 103.871 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Instrument :

MSVOA_Y

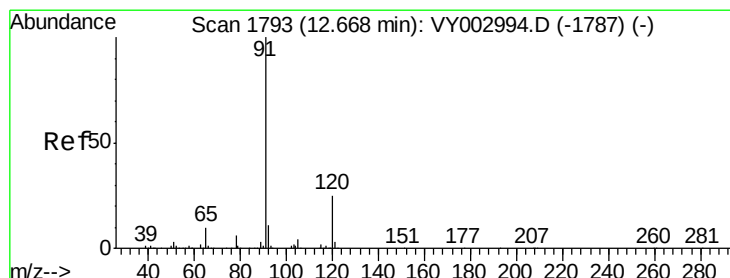
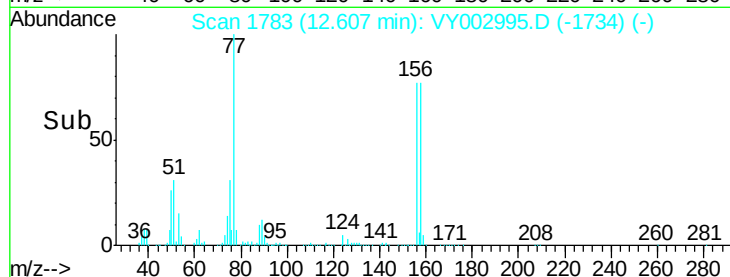
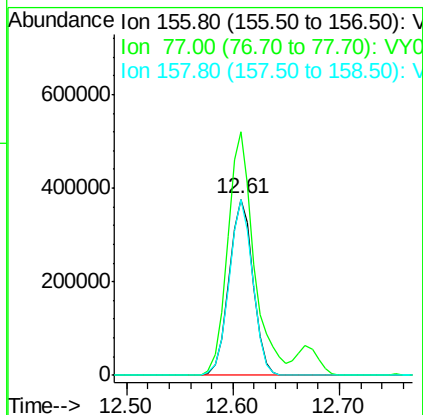
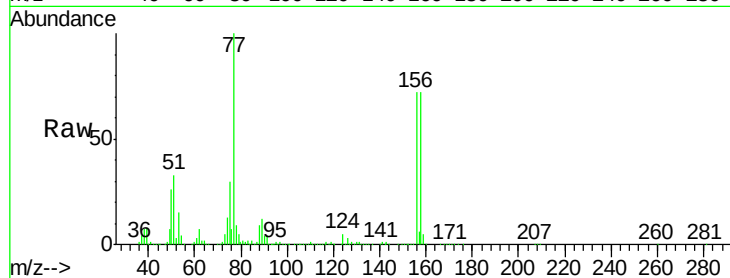
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	590538
Ion Ratio	Lower	Upper	
156	100		
77	152.1	77.3	231.9
158	98.1	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 98.932 ug/l

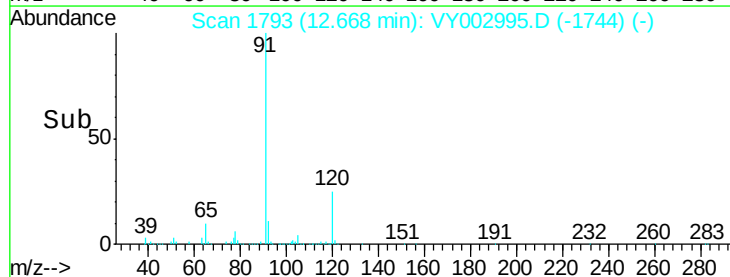
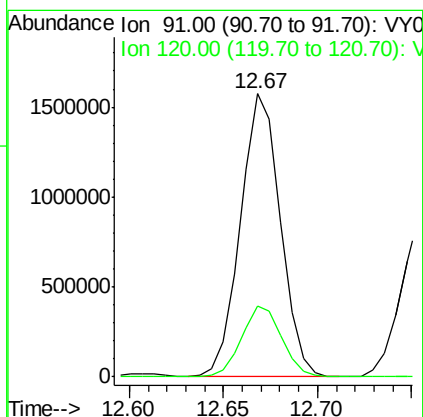
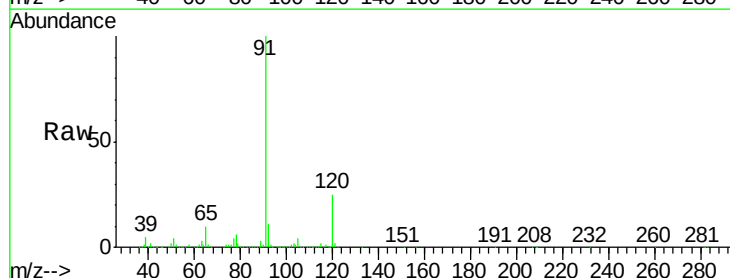
RT: 12.67 min Scan# 1793

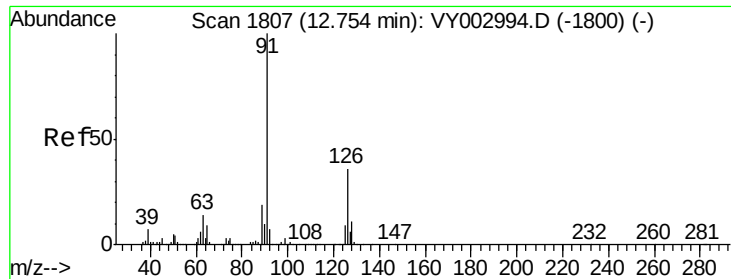
Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Tgt Ion:	91	Resp:	2306960
Ion Ratio	Lower	Upper	
91	100		
120	25.0	12.4	37.4





#79

2-Chlorotoluene

Concen: 102.556 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1363475

Ion Ratio Lower Upper

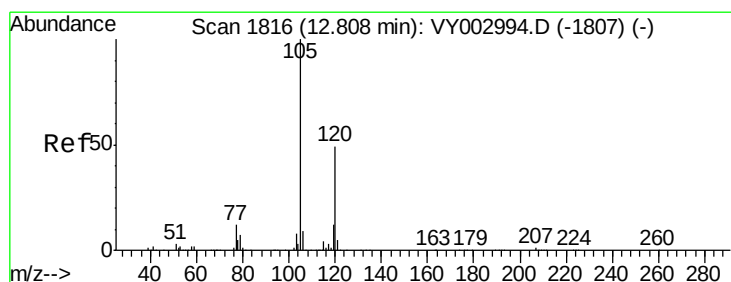
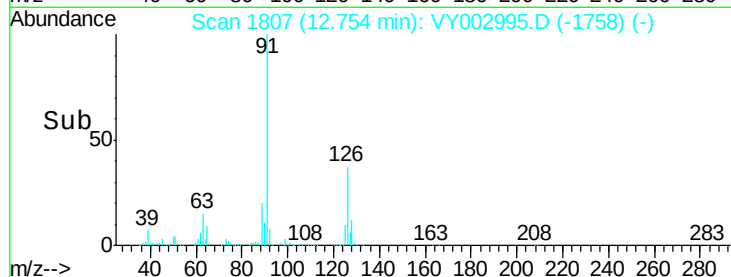
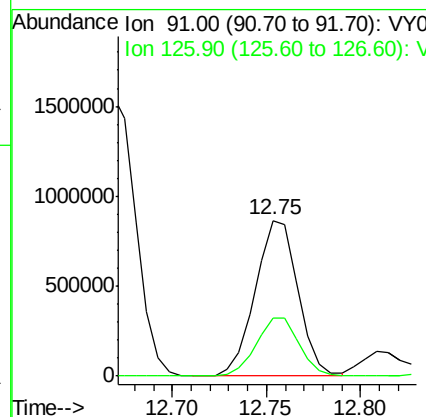
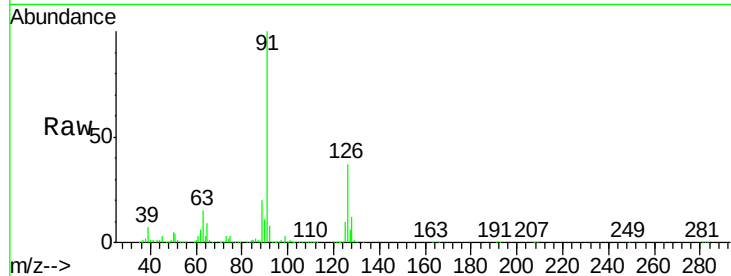
91 100

126 37.3 18.4 55.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 106.854 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY002995.D

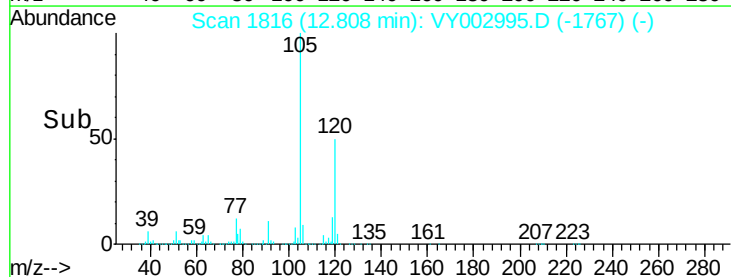
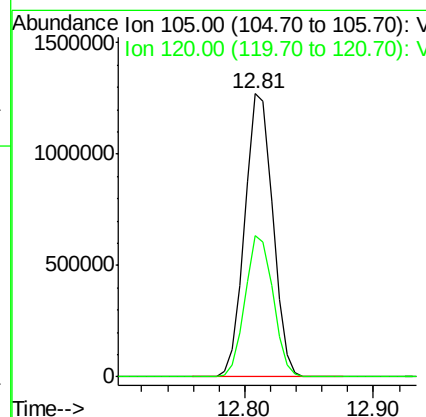
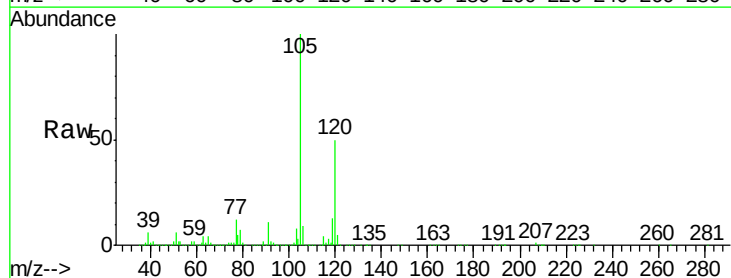
Acq: 25 Jun 2020 12:57

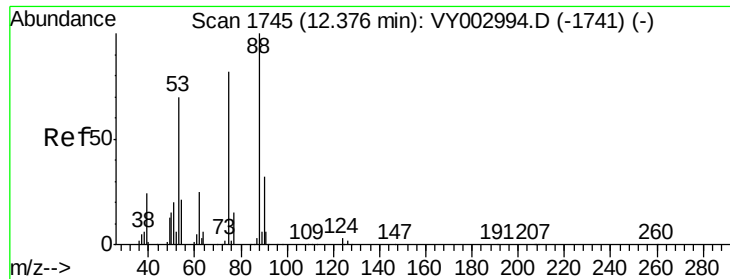
Tgt Ion: 105 Resp: 1905153

Ion Ratio Lower Upper

105 100

120 49.7 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 108.738 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Instrument :

MSVOA_Y

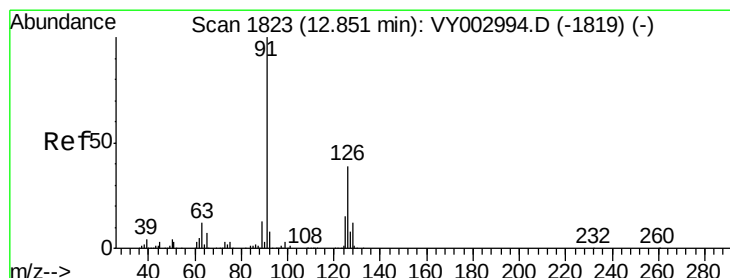
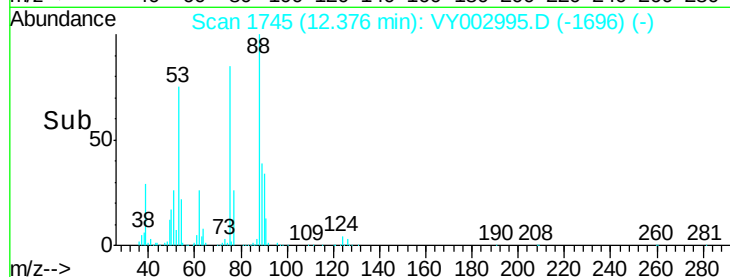
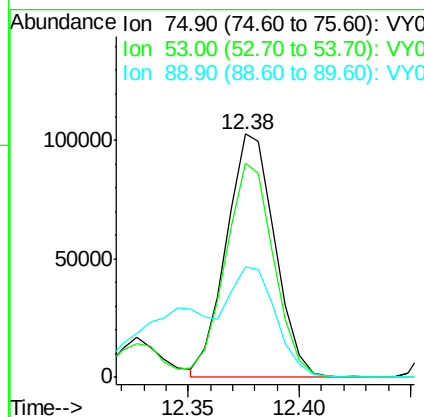
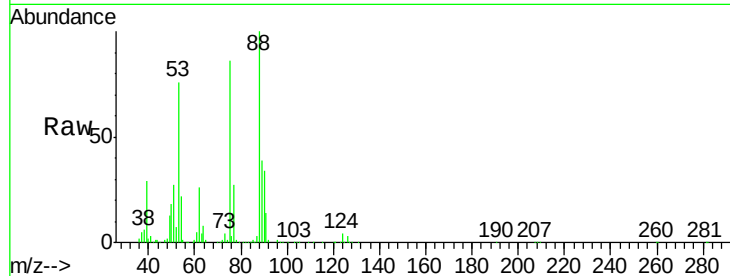
ClientSampleId :

VSTDICC100

Tot Ion:	75	Resp:	155173
Ion Ratio	Lower	Upper	
75	100		
53	88.0	72.2	108.4
89	42.8	35.0	52.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 107.505 ug/l

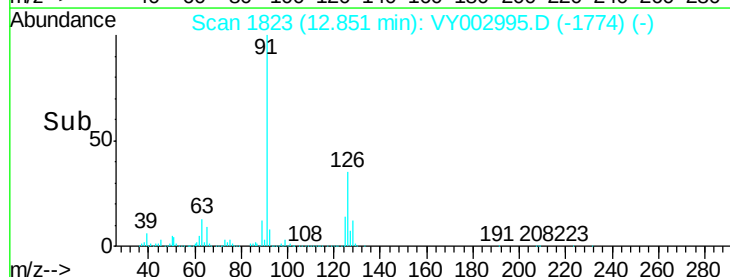
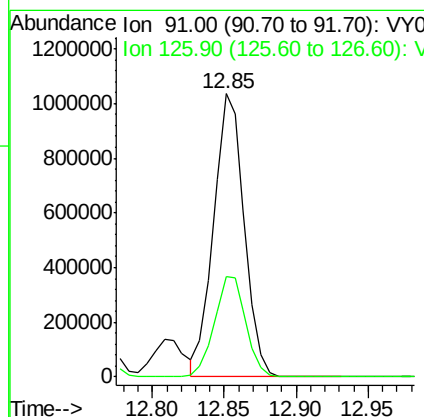
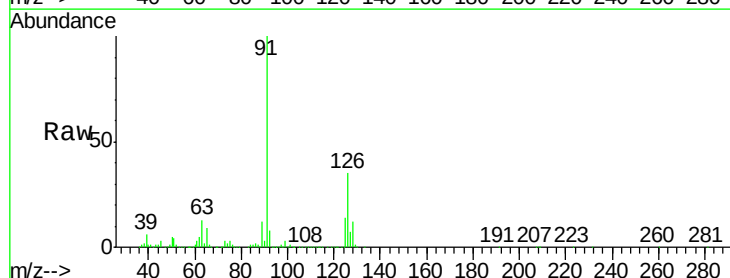
RT: 12.85 min Scan# 1823

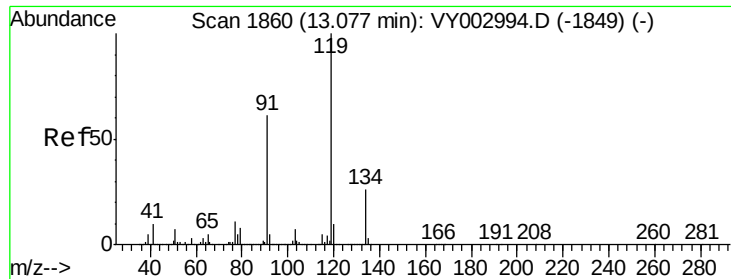
Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Tgt Ion:	91	Resp:	1530505
Ion Ratio	Lower	Upper	
91	100		
126	36.5	18.4	55.2





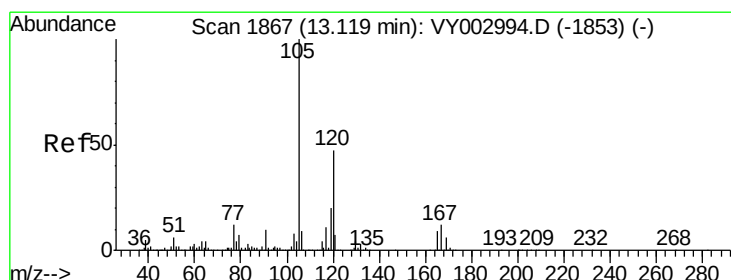
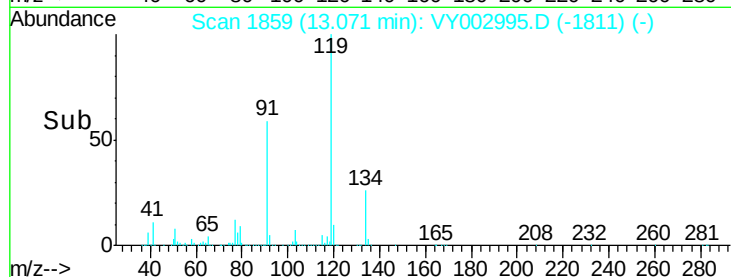
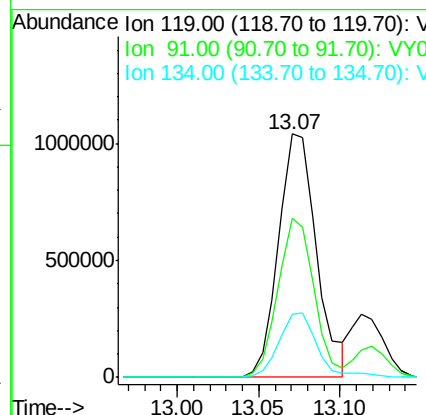
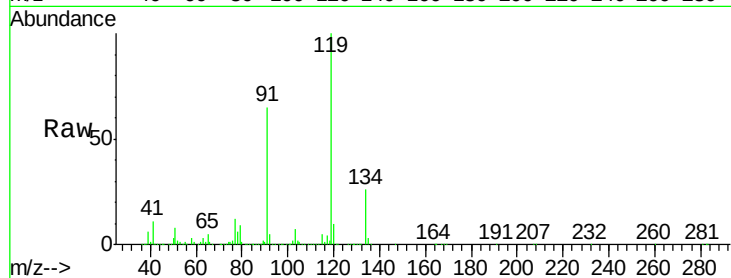
#83
 tert-Butylbenzene
 Concen: 106.954 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.9	31.4	94.2
134	27.0	13.4	40.1

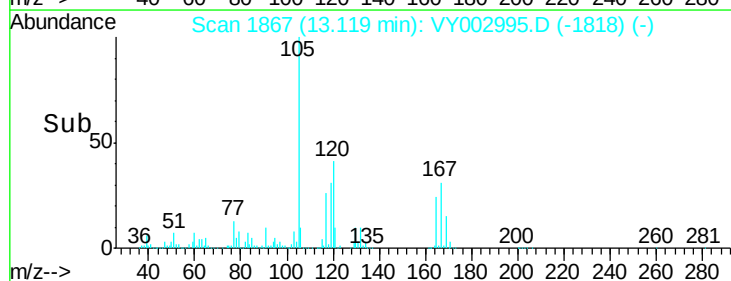
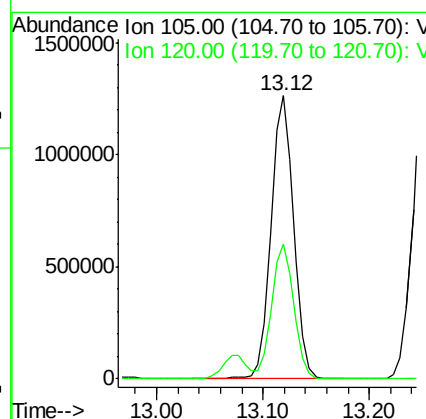
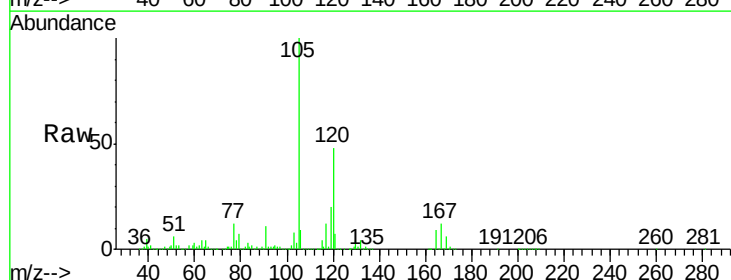
Manual Integrations
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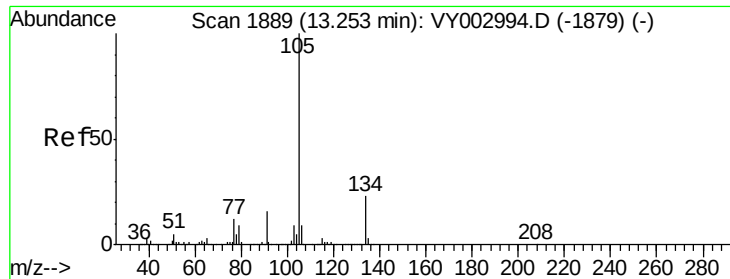
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#84
 1,2,4-Trimethylbenzene
 Concen: 107.041 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.1	69.2





#85

sec-Butylbenzene

Concen: 102.869 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 2041972

Ion Ratio Lower Upper

105 100

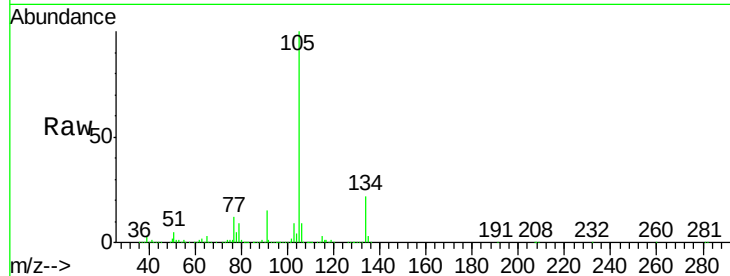
134 22.3 11.1 33.3

Manual Integrations

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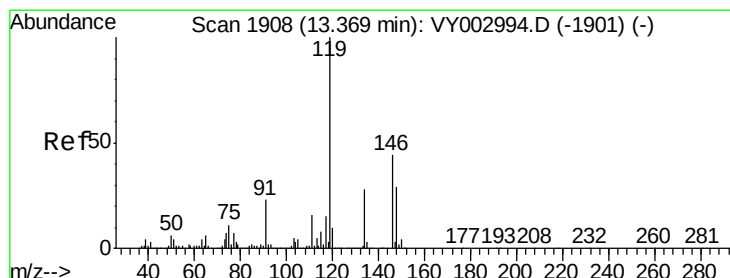
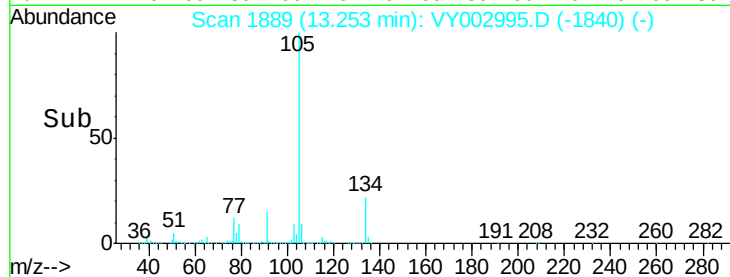
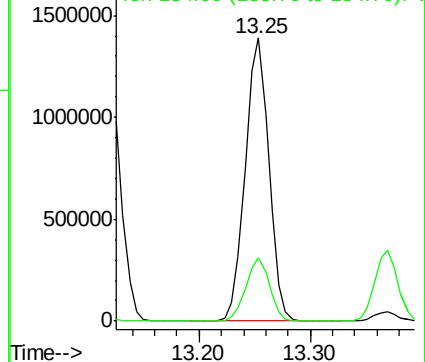
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 98.024 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002995.D

Acq: 25 Jun 2020 12:57

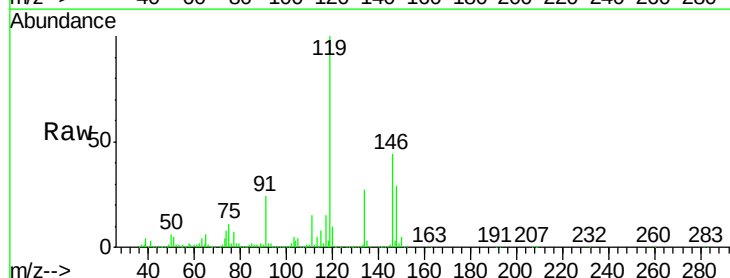
Tgt Ion:119 Resp: 1834202

Ion Ratio Lower Upper

119 100

134 27.4 13.8 41.4

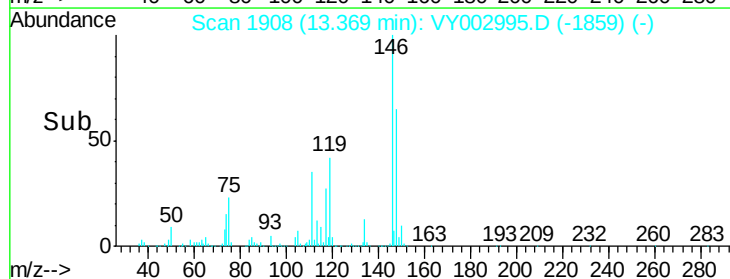
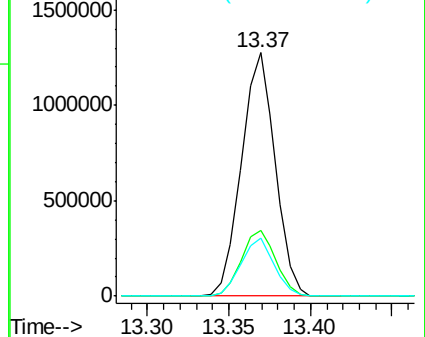
91 23.3 11.7 35.0

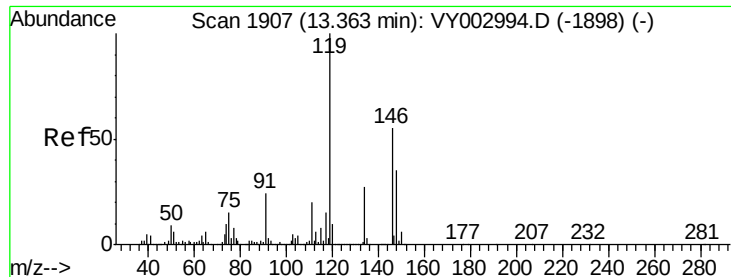


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





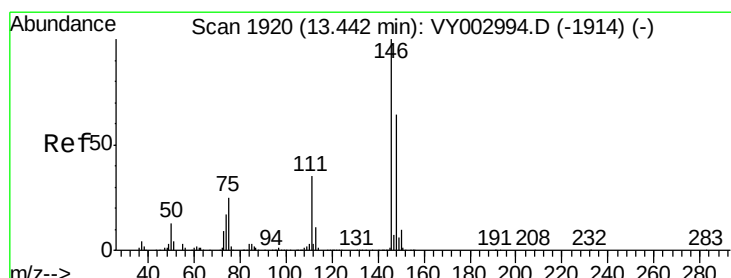
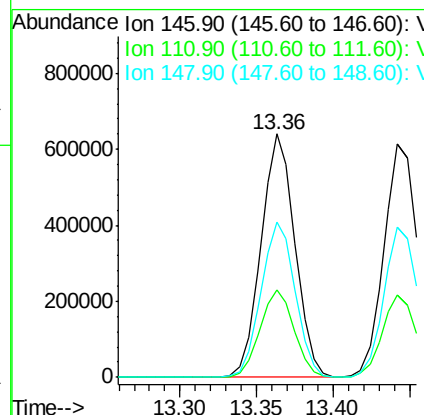
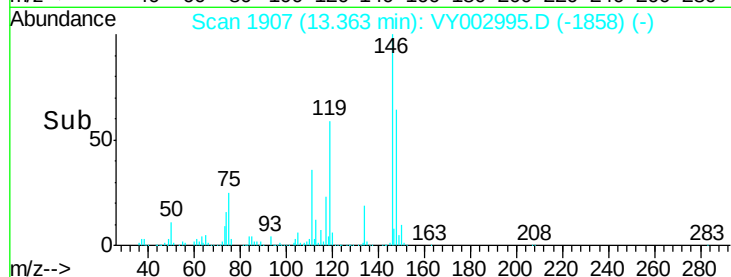
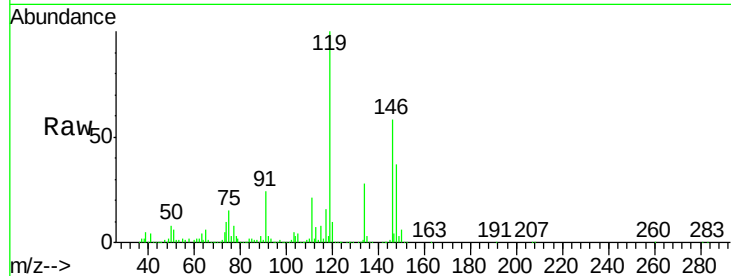
#87
1,3-Dichlorobenzene
Concen: 99.733 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.4	55.2
148	64.4	32.2	96.6

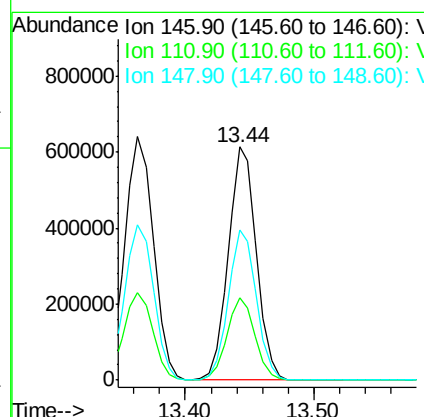
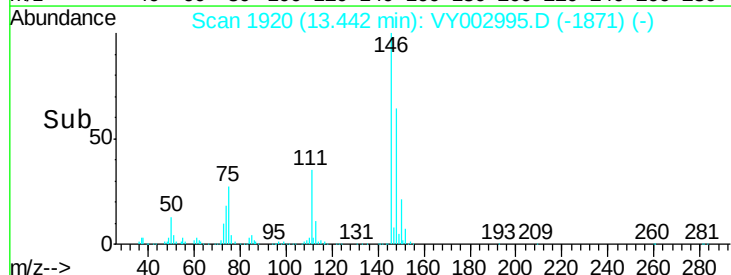
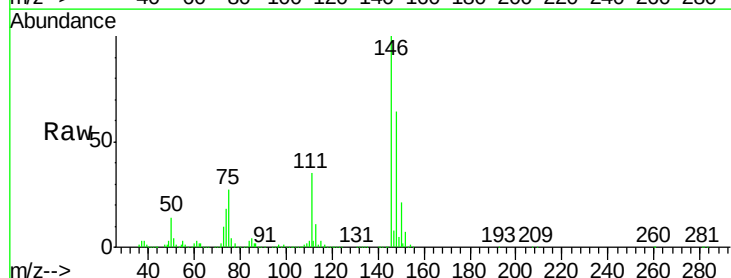
Manual Integrations
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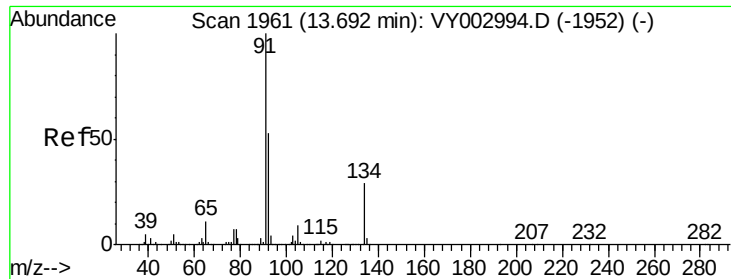
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#88
1,4-Dichlorobenzene
Concen: 96.713 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.2	17.8	53.4
148	64.1	32.3	96.8





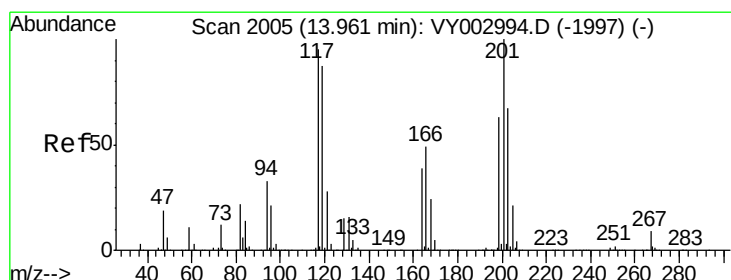
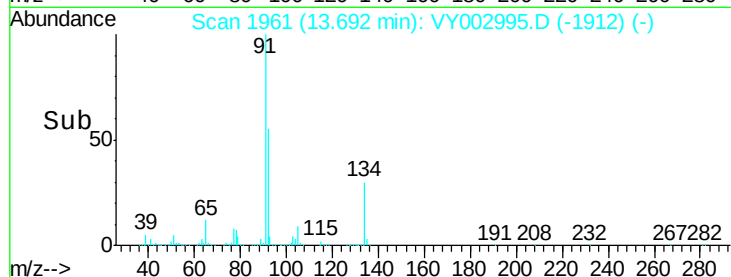
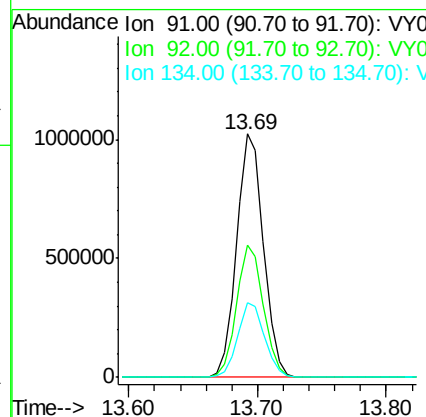
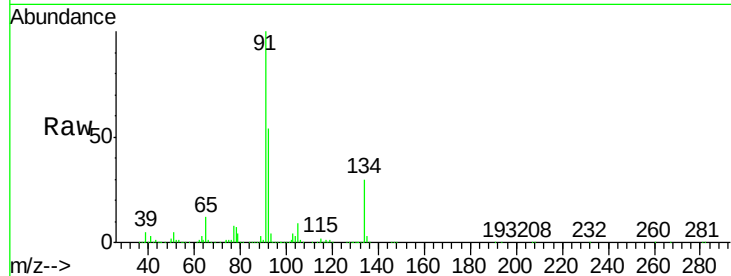
#89
n-Butylbenzene
Concen: 91.979 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.2	81.6
134	30.5	14.9	44.7

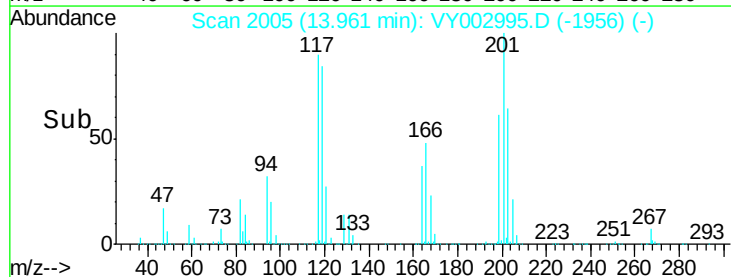
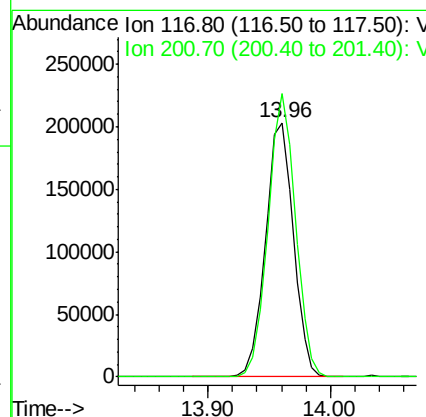
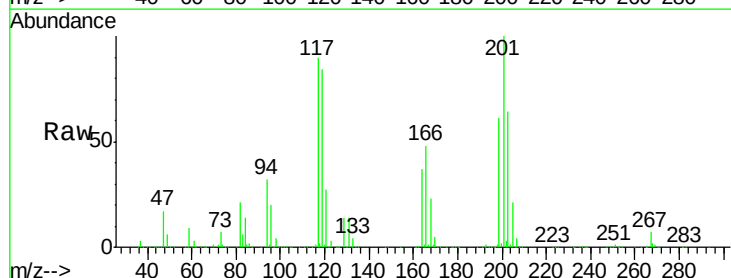
Manual Integrations
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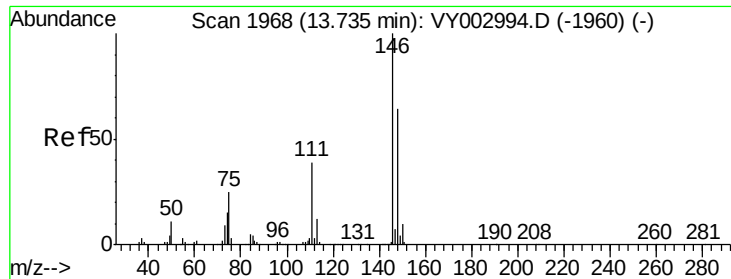
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#90
Hexachloroethane
Concen: 95.723 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	108.7	53.8	161.5





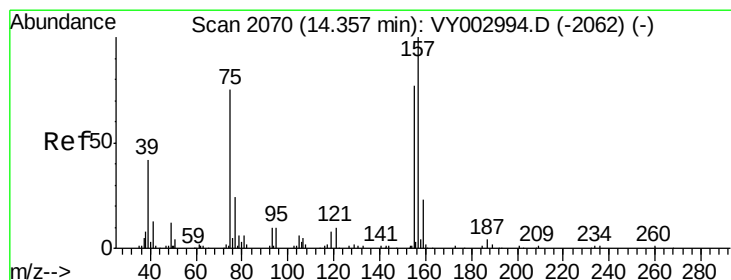
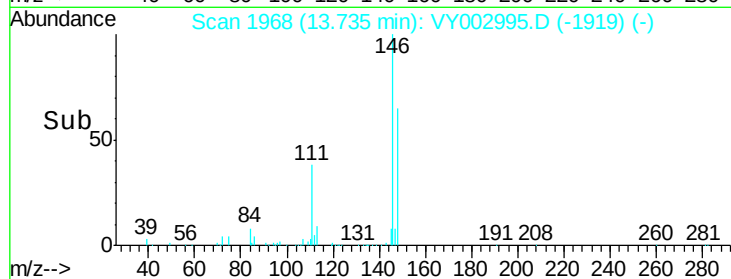
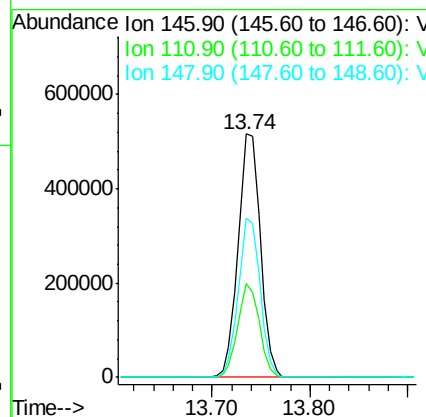
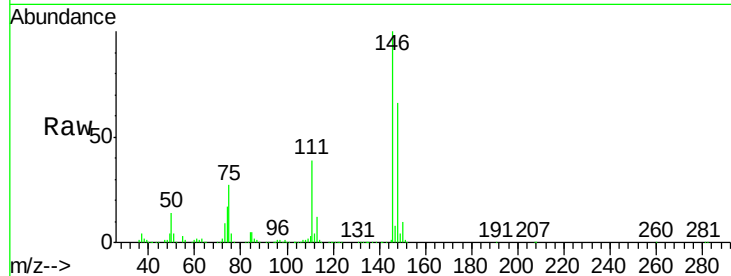
#91
 1,2-Dichlorobenzene
 Concen: 94.364 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.7
148	63.9	31.8	95.4

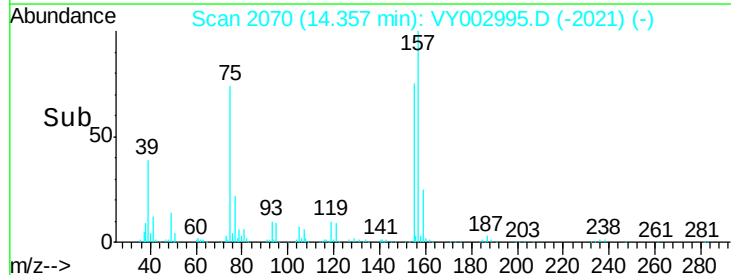
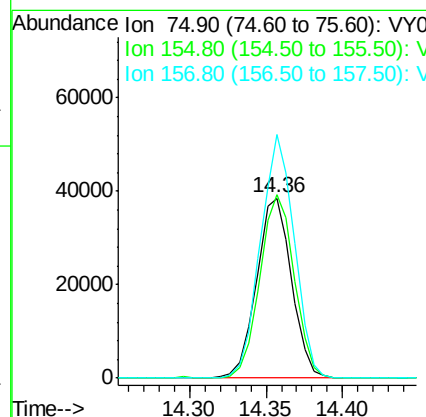
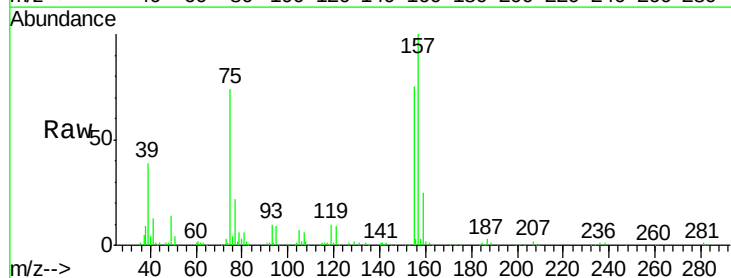
Manual Integrations
 APPROVED

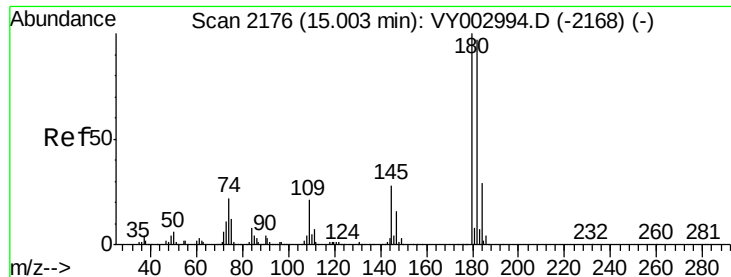
MMDadoda
 6/26/2020 11:22:18 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 98.345 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.5	51.3	153.9
157	131.5	65.0	195.1





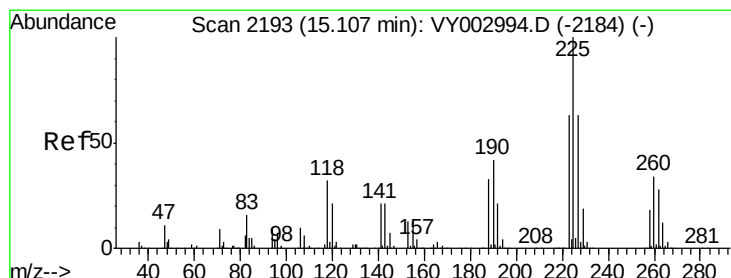
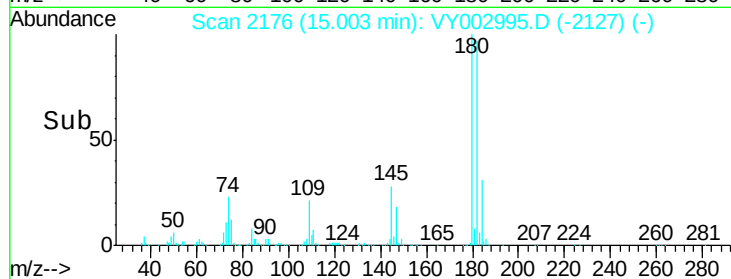
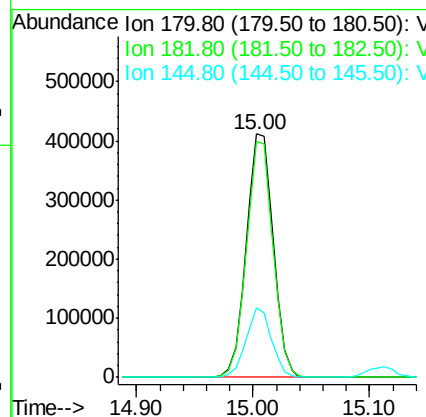
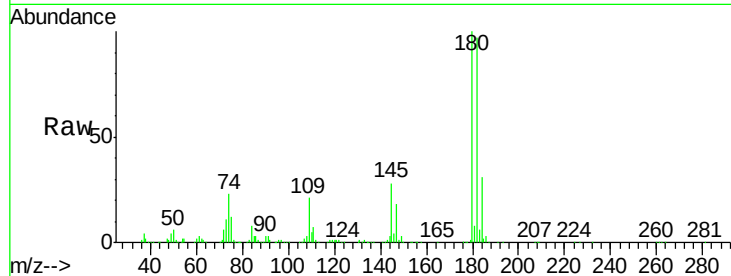
#93
 1,2,4-Trichlorobenzene
 Concen: 96.308 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	665456		
182	95.4	48.4	145.2	
145	27.0	13.5	40.5	

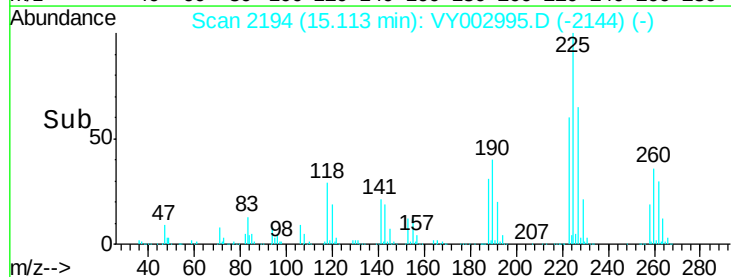
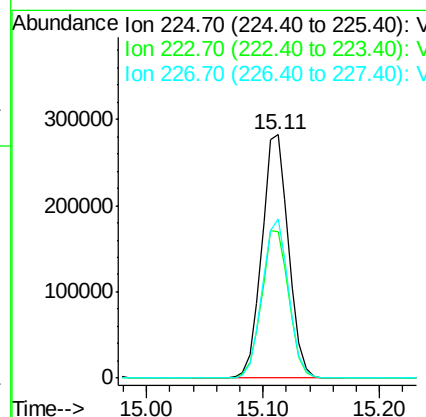
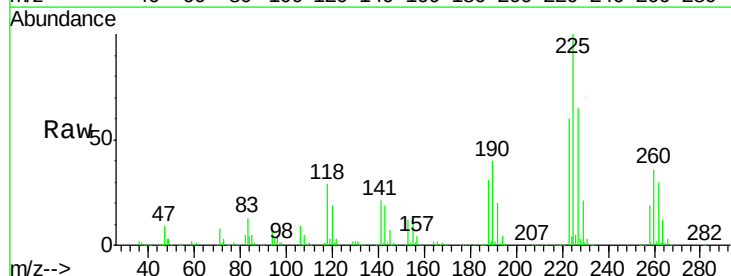
Manual Integrations
 APPROVED

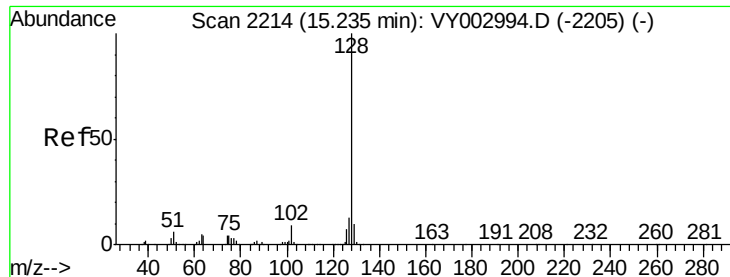
MMDadoda
 6/26/2020 11:22:18 AM



#94
 Hexachlorobutadiene
 Concen: 95.139 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY002995.D
 Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	449892		
223	61.9	31.6	94.8	
227	64.7	32.2	96.6	





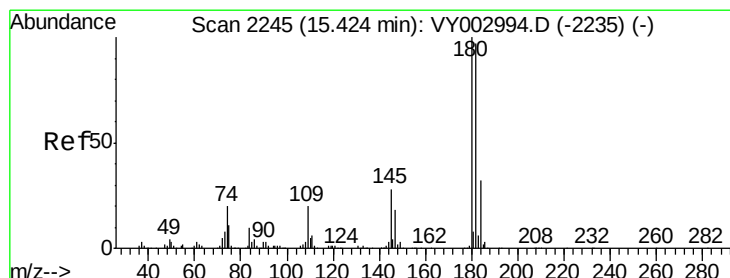
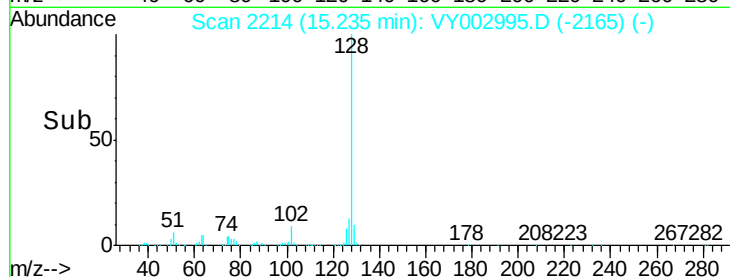
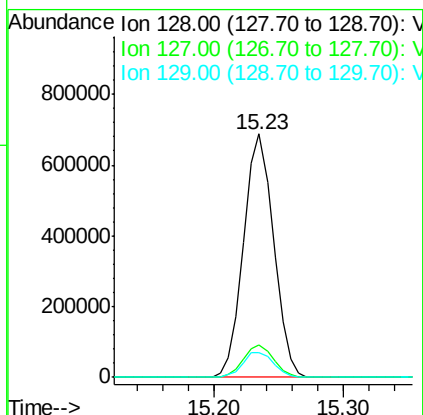
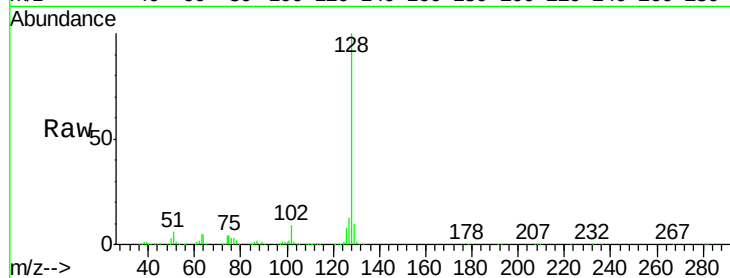
#95
Naphthalene
Concen: 97.920 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

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

Manual Integrations
APPROVED

MMDadoda
6/26/2020 11:22:18 AM



#96
1,2,3-Trichlorobenzene
Concen: 96.510 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002995.D
Acq: 25 Jun 2020 12:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.1	141.4
145	28.2	14.0	42.0

