

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
 Data File : VY002997.D
 Acq On : 25 Jun 2020 15:02
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY062520

Manual Integrations
 APPROVED

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

Quant Time: Jun 26 07:46:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 25 18:46:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	493143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	676830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	537666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	360622	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	218191	51.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.40%	
35) Dibromofluoromethane	7.72	113	205414	48.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.76%	
50) Toluene-d8	10.18	98	816693	50.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	12.48	95	292331	48.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	164090	55.470	ug/l	98
3) Chloromethane	2.11	50	222422	54.649	ug/l	99
4) Vinyl Chloride	2.26	62	245384	60.120	ug/l	100
5) Bromomethane	2.66	94	174212	57.213	ug/l	100
6) Chloroethane	2.80	64	153757	58.046	ug/l	99
7) Trichlorofluoromethane	3.13	101	413228	53.327	ug/l	98
8) Diethyl Ether	3.54	74	123694	53.020	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	225252	55.701	ug/l	99
10) Methyl Iodide	4.10	142	319717	56.505	ug/l	99
11) Tert butyl alcohol	4.96	59	108294	257.217	ug/l	98
12) 1,1-Dichloroethene	3.88	96	218883	55.185	ug/l	94
13) Acrolein	3.74	56	114773	272.845	ug/l	98
14) Allyl chloride	4.49	41	348692	55.423	ug/l	99
15) Acrylonitrile	5.18	53	294952	275.276	ug/l	98
16) Acetone	3.96	43	260623	288.608	ug/l	99
17) Carbon Disulfide	4.20	76	679338	55.845	ug/l	99
18) Methyl Acetate	4.49	43	130498	55.093	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	609836	54.829	ug/l	97
20) Methylene Chloride	4.72	84	241767	54.470	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	240432	54.736	ug/l	98
22) Diisopropyl ether	6.12	45	561011	44.287	ug/l	96
23) Vinyl Acetate	6.07	43	1896574	221.416	ug/l	99
24) 1,1-Dichloroethane	6.03	63	320693	44.003	ug/l	100
25) 2-Butanone	6.99	43	335209	236.952	ug/l	98
26) 2,2-Dichloropropane	6.99	77	345393	47.099	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	229556	46.843	ug/l	99
28) Bromochloromethane	7.34	49	148302	51.231	ug/l	95
29) Tetrahydrofuran	7.35	42	219582	234.433	ug/l	99
30) Chloroform	7.52	83	366856	47.507	ug/l	98
31) Cyclohexane	7.79	56	308099	45.193	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	360561	49.437	ug/l	99
36) 1,1-Dichloropropene	7.92	75	265547	41.818	ug/l	98
37) Ethyl Acetate	7.08	43	156713	43.963	ug/l	99
38) Carbon Tetrachloride	7.90	117	334516	43.599	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	372800	49.986	ug/l	98
40) Benzene	8.16	78	781983	45.533	ug/l	99
41) Methacrylonitrile	7.33	41	99596m	49.008	ug/l	
42) 1,2-Dichloroethane	8.24	62	260836	47.187	ug/l	99
43) Isopropyl Acetate	8.27	43	305976	48.772	ug/l	99
44) Trichloroethene	8.94	130	259488	48.434	ug/l	97
45) 1,2-Dichloropropane	9.22	63	191603	48.218	ug/l	99
46) Dibromomethane	9.31	93	117279	48.690	ug/l	98
47) Bromodichloromethane	9.50	83	297123	49.720	ug/l	99
48) Methyl methacrylate	9.30	41	140508	48.872	ug/l	98
49) 1,4-Dioxane	9.30	88	30364	1079.908	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	757518	233.858	ug/l	98
52) Toluene	10.24	92	522436	45.650	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	316287	46.507	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	352602	49.985	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	180213	48.618	ug/l	99
56) Ethyl methacrylate	10.51	69	237774	46.465	ug/l	100
57) 1,3-Dichloropropane	10.79	76	282978	44.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	618523	275.108	ug/l	100
59) 2-Hexanone	10.83	43	565886	239.464	ug/l	99
60) Dibromochloromethane	10.99	129	222504	43.467	ug/l	98
61) 1,2-Dibromoethane	11.09	107	149075	39.995	ug/l	99
64) Tetrachloroethene	10.72	164	291516	58.394	ug/l	95
65) Chlorobenzene	11.52	112	522205	48.858	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	209811	48.534	ug/l	99
67) Ethyl Benzene	11.59	91	913428	48.843	ug/l	99
68) m/p-Xylenes	11.70	106	703216	97.591	ug/l	99
69) o-Xylene	12.03	106	332272	48.299	ug/l	100
70) Styrene	12.05	104	575245	48.998	ug/l	100
71) Bromoform	12.21	173	151715	51.281	ug/l	100
73) Isopropylbenzene	12.33	105	946098	40.332	ug/l	100
74) N-amyl acetate	12.14	43	245040	38.659	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	187446	44.960	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	149024m	46.402	ug/l	
77) Bromobenzene	12.61	156	293242	44.440	ug/l	100
78) n-propylbenzene	12.67	91	1270803	46.954	ug/l	100
79) 2-Chlorotoluene	12.75	91	695848	45.095	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	909771	43.964	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	68659	41.454	ug/l #	78
82) 4-Chlorotoluene	12.86	91	760547	46.028	ug/l	99
83) tert-Butylbenzene	13.08	119	807908	44.371	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	906693	44.606	ug/l	100
85) sec-Butylbenzene	13.25	105	1126825	48.909	ug/l	100
86) p-Isopropyltoluene	13.37	119	1058669	48.747	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	548370	47.797	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	549004	48.717	ug/l	100
89) n-Butylbenzene	13.70	91	962437	51.357	ug/l	100
90) Hexachloroethane	13.96	117	199957	50.850	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	501705	49.785	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	33583	46.452	ug/l	100

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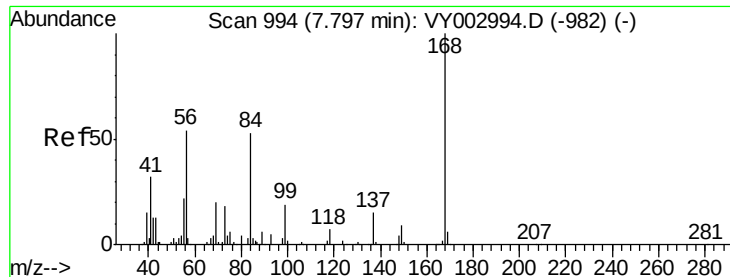
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	408338	50.917	ug/l	98
94) Hexachlorobutadiene	15.11	225	279321	50.893	ug/l	99
95) Naphthalene	15.23	128	675874	51.442	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	342166	49.462	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY062520

Tot Ion:168 Resp: 493143

Ion Ratio Lower Upper

168 100

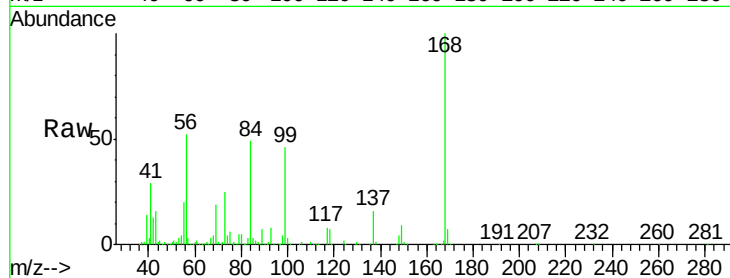
99 46.4 38.2 57.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002997.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002997.D (-945) (-)

250000

200000

150000

100000

50000

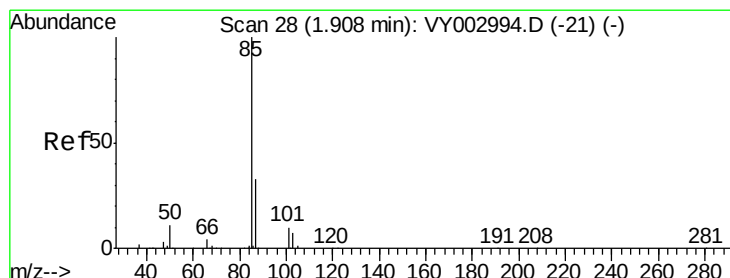
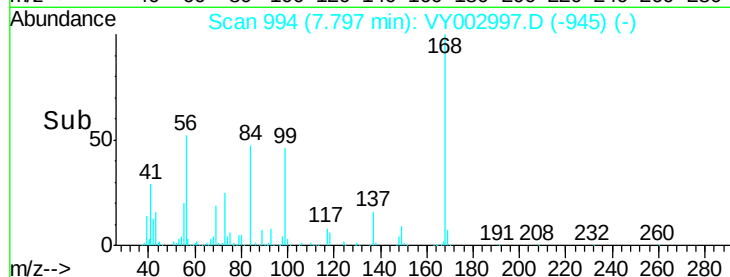
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 55.470 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002997.D

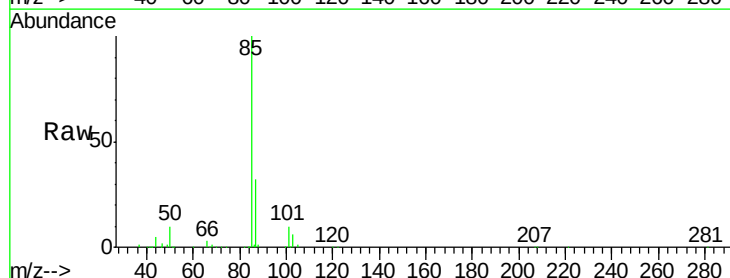
Acq: 25 Jun 2020 15:02

Tgt Ion: 85 Resp: 164090

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY002997.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002997.D (-1) (-)

120000

100000

80000

60000

40000

20000

0

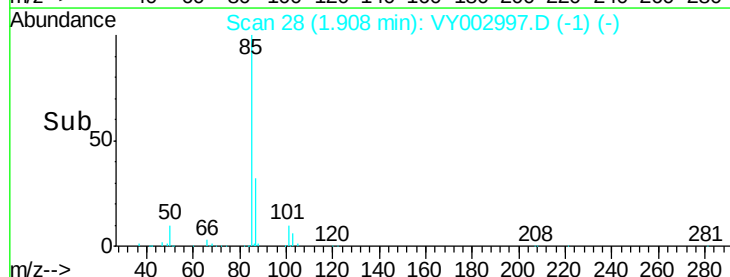
1.80

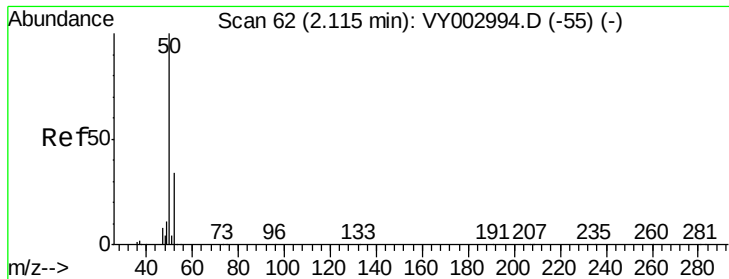
1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 54.649 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062520

Tot Ion: 50 Resp: 222422

Ion Ratio Lower Upper

50 100

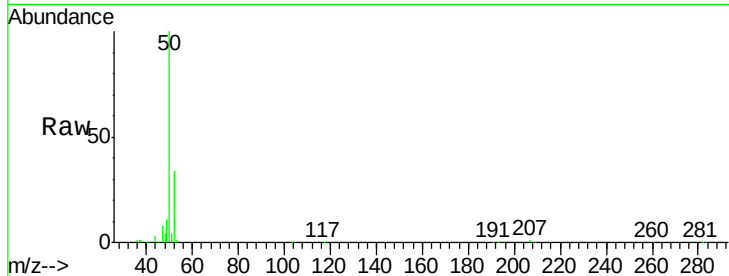
52 34.2 27.1 40.7

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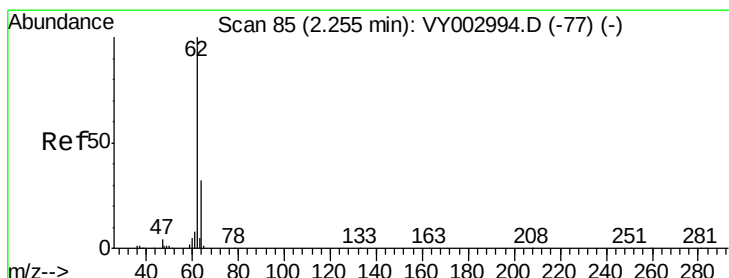
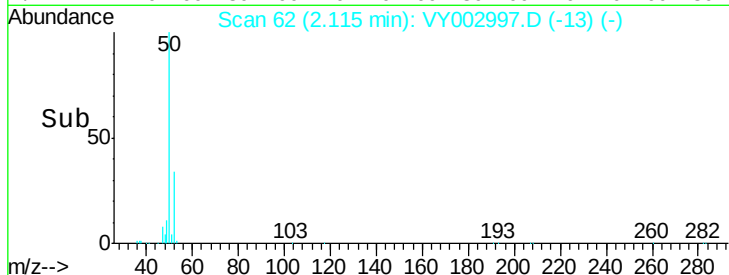
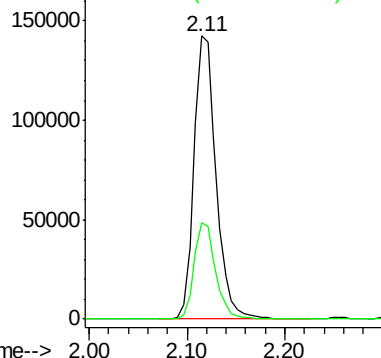
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 60.120 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002997.D

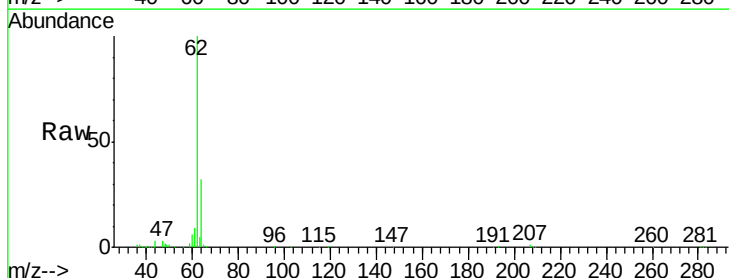
Acq: 25 Jun 2020 15:02

Tgt Ion: 62 Resp: 245384

Ion Ratio Lower Upper

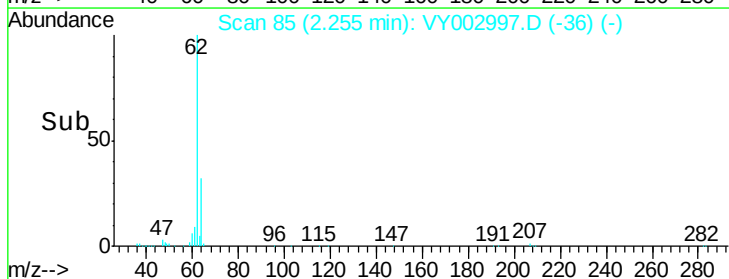
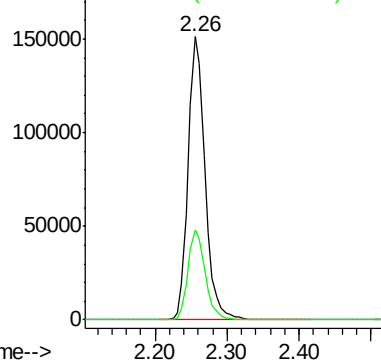
62 100

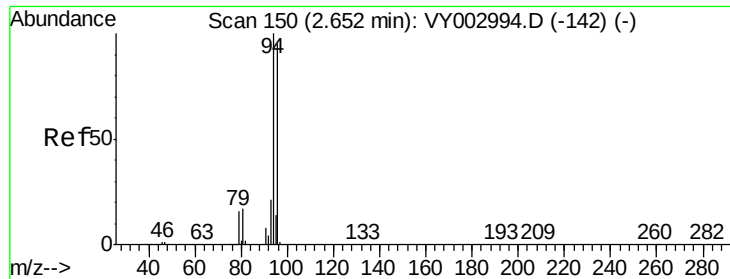
64 31.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 57.213 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY062520

Tot Ion: 94 Resp: 174212

Ion Ratio Lower Upper

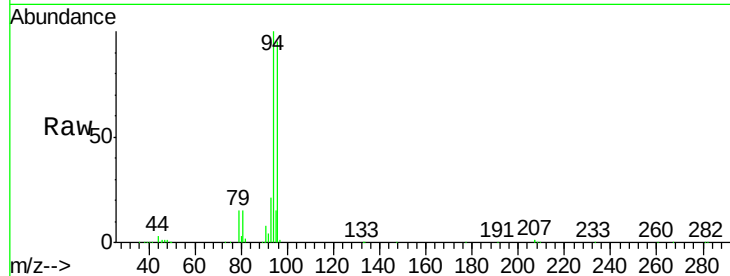
94 100

96 95.1 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

2.66

80000

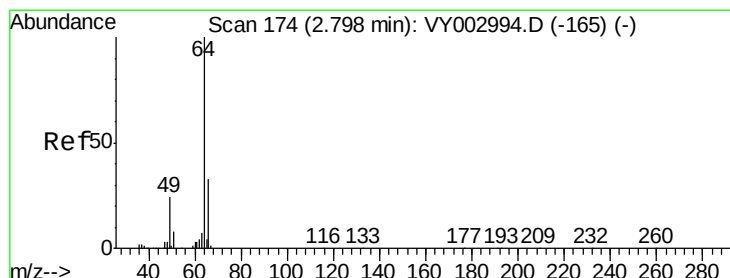
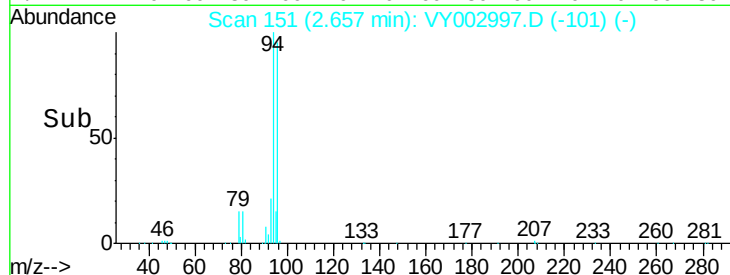
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 58.046 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY002997.D

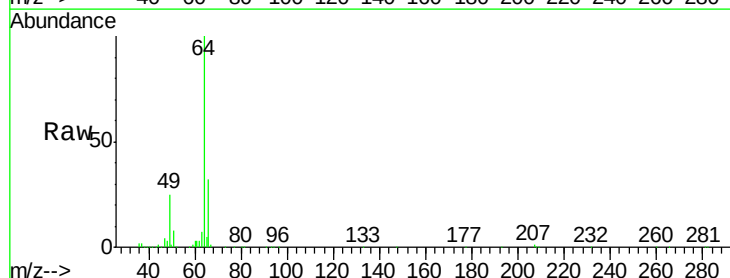
Acq: 25 Jun 2020 15:02

Tgt Ion: 64 Resp: 153757

Ion Ratio Lower Upper

64 100

66 32.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

80000

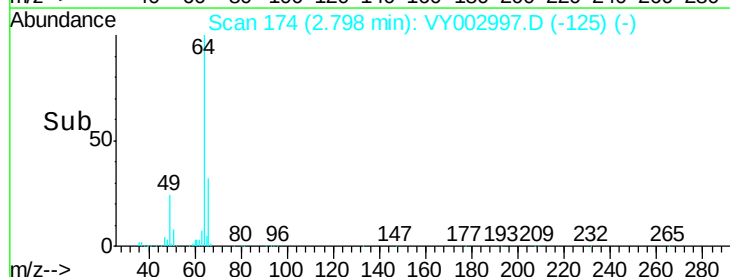
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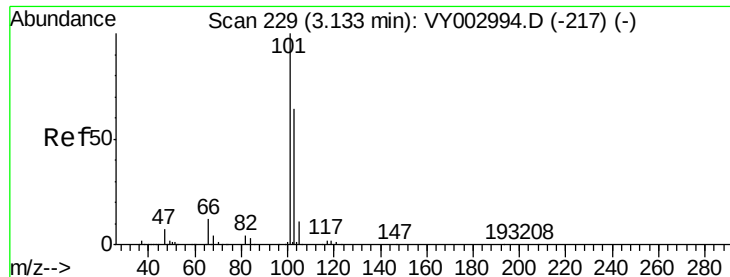
40000

20000

0

Time-->





#7

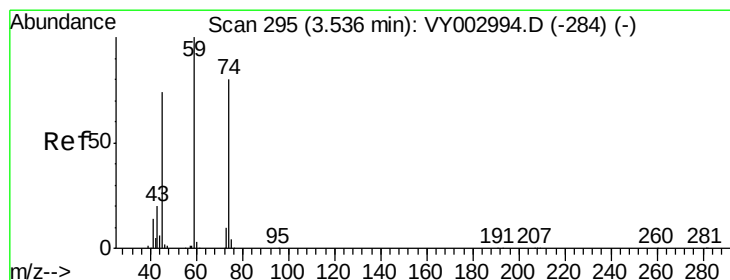
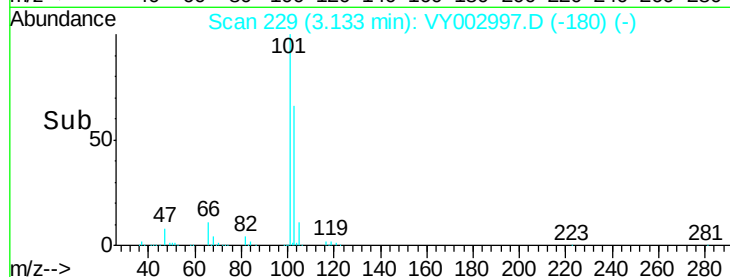
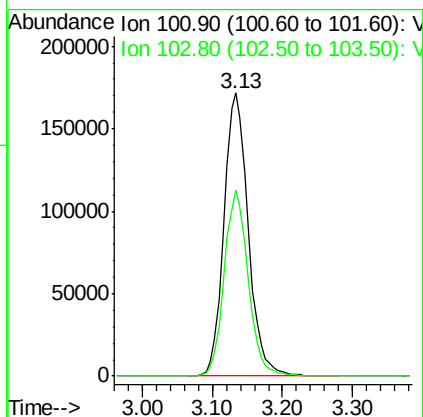
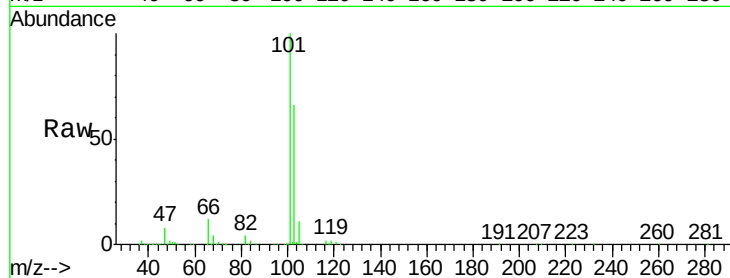
Trichlorofluoromethane
Concen: 53.327 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	413228		
103	65.8	51.3	76.9	

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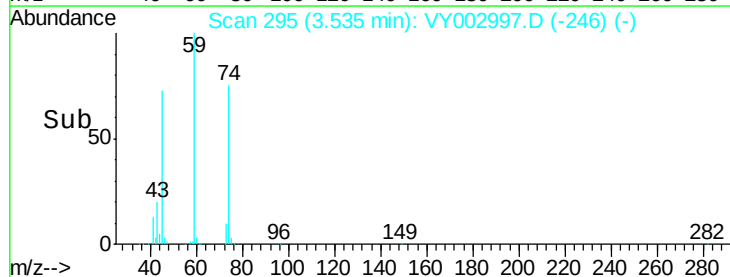
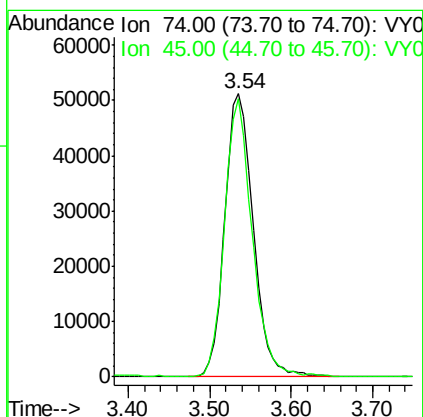
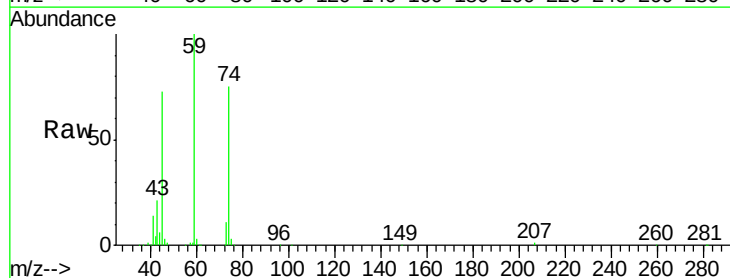
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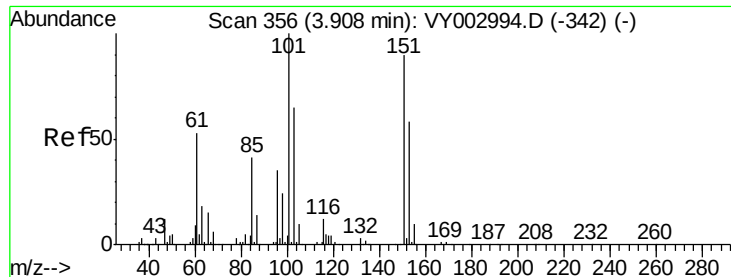


#8

Diethyl Ether
Concen: 53.020 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	123694		
45	95.3	47.6	142.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.701 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

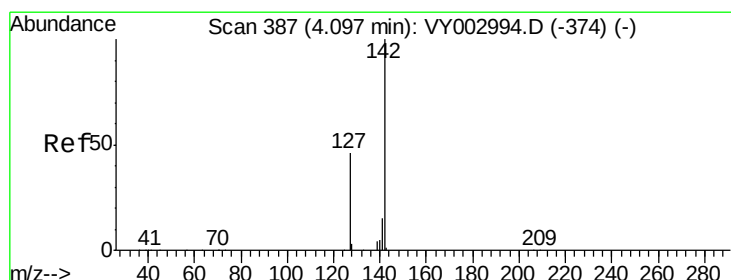
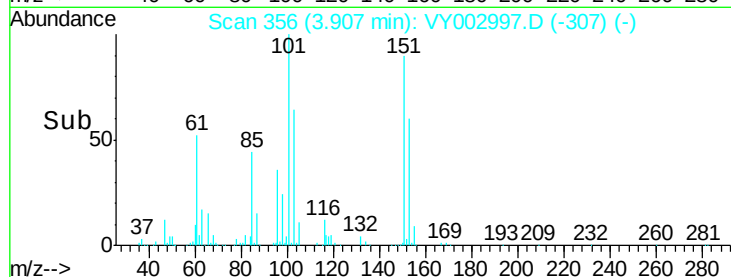
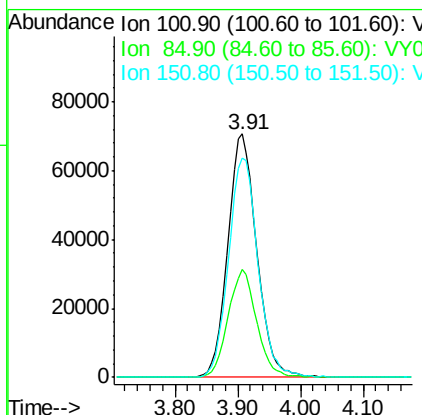
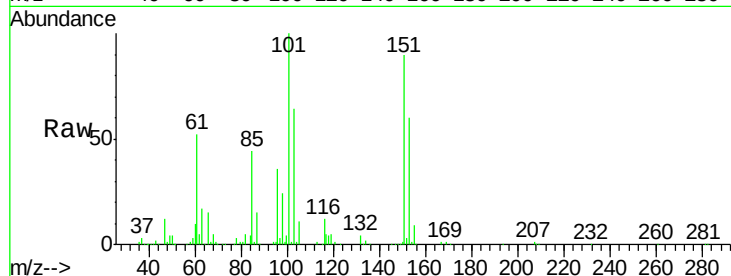
ClientSampleId :

ICVVY062520

Tot Ion:	101	Resp:	225252
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.0	52.4
151	92.2	72.2	108.4

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#10

Methyl Iodide

Concen: 56.505 ug/l

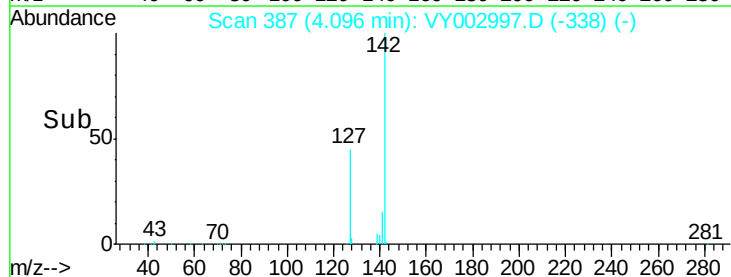
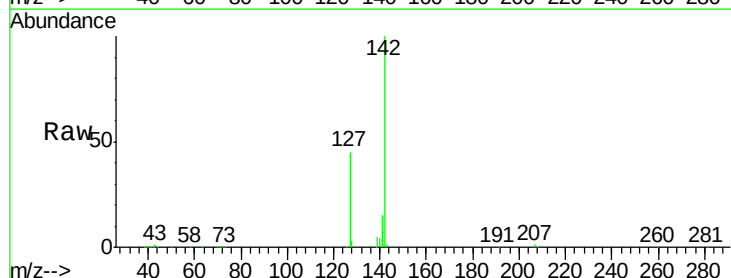
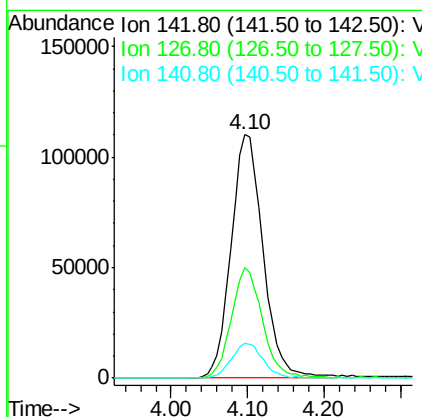
RT: 4.10 min Scan# 387

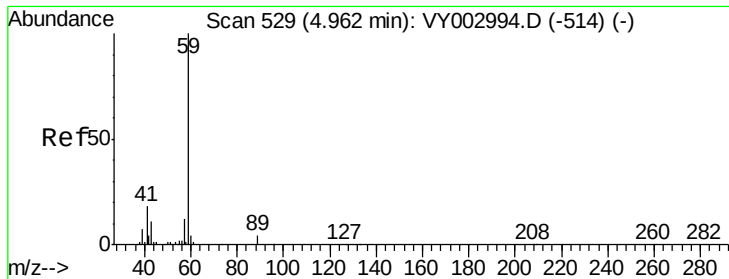
Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Tgt Ion:	142	Resp:	319717
Ion Ratio	Lower	Upper	
142	100		
127	44.0	35.8	53.8
141	14.3	11.7	17.5





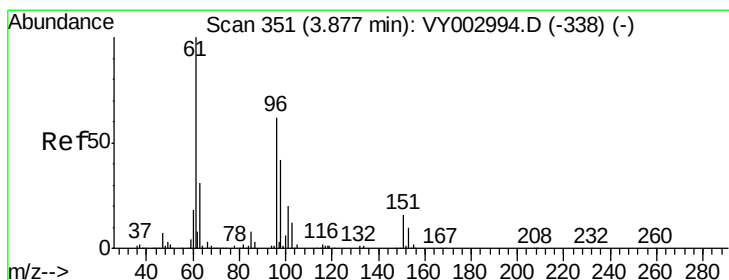
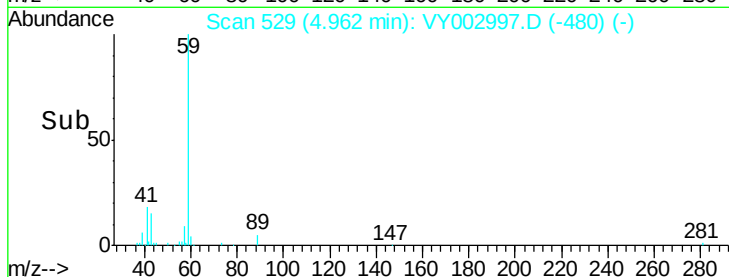
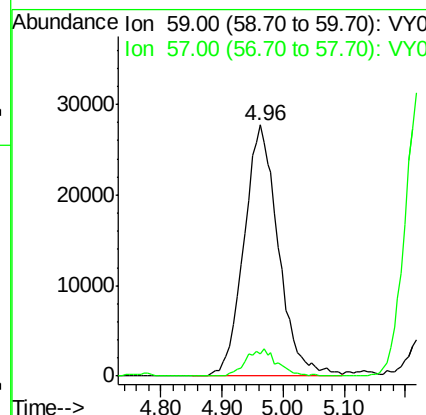
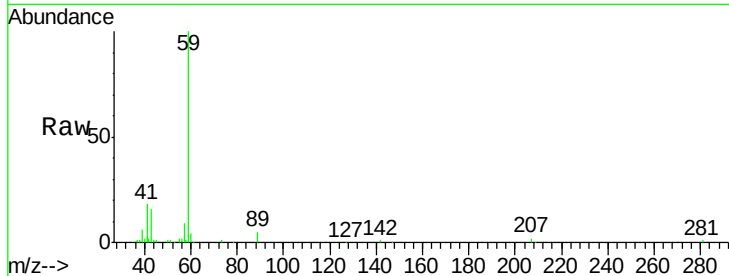
#11
Tert butyl alcohol
Concen: 257.217 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062520

Tot Ion	Ratio	Resp	Lower	Upper
59	100	108294		
57	9.7		8.4	12.6

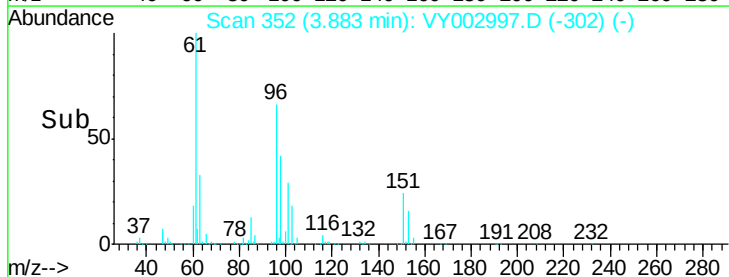
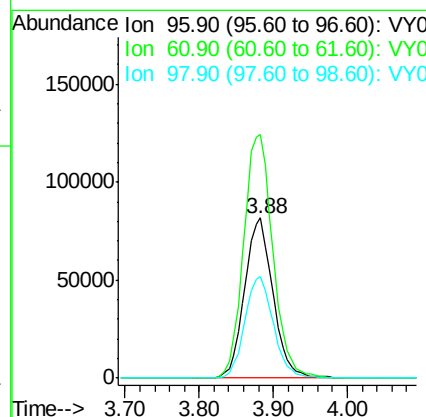
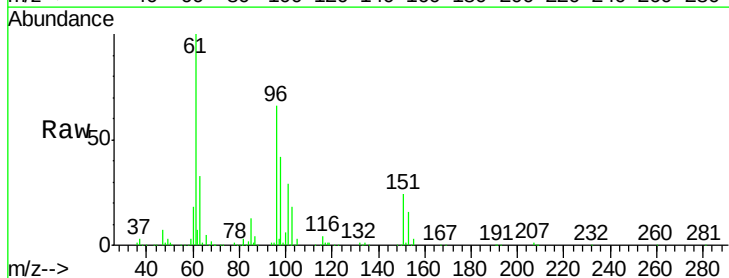
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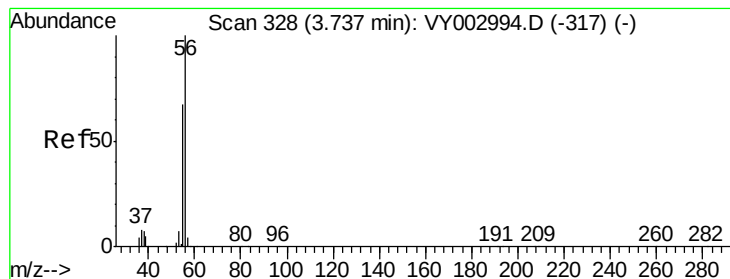
MMDadoda
6/26/2020 11:22:22 AM



#12
1,1-Dichloroethene
Concen: 55.185 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	218883		
61	151.8		128.1	192.1
98	63.4		53.5	80.3





#13

Acrolein

Concen: 272.845 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062520

Tot Ion: 56 Resp: 114773

Ion Ratio Lower Upper

56 100

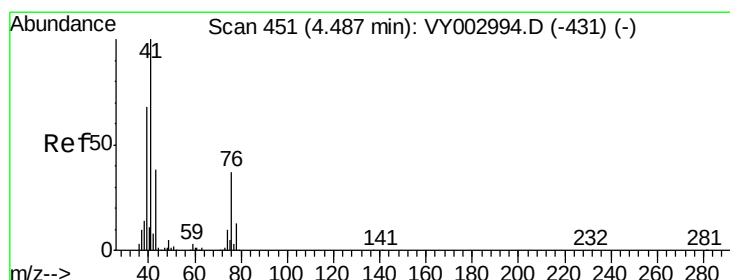
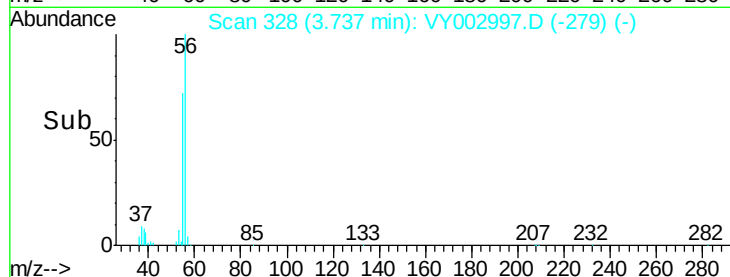
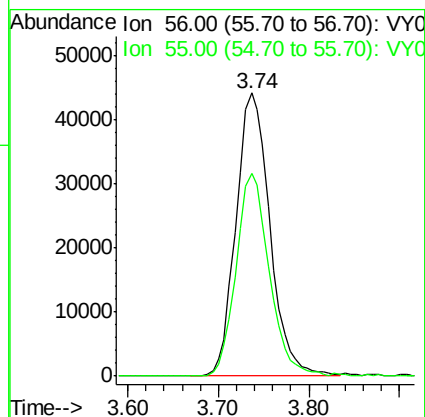
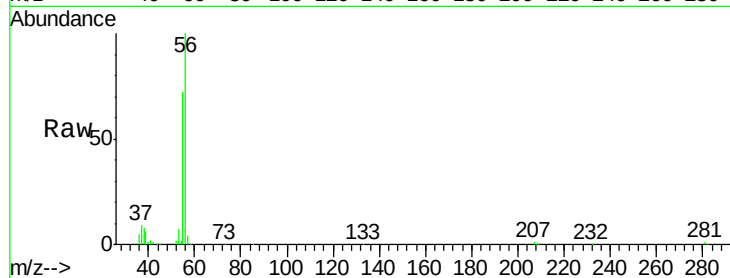
55 69.8 57.0 85.4

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#14

Allyl chloride

Concen: 55.423 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

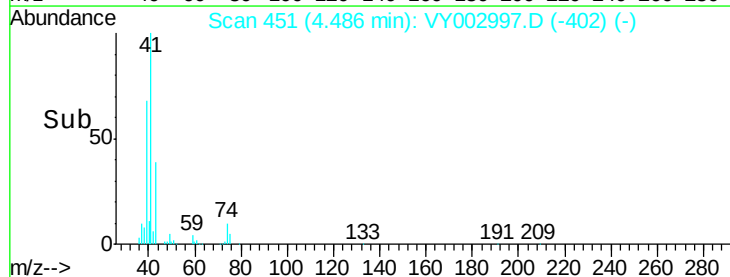
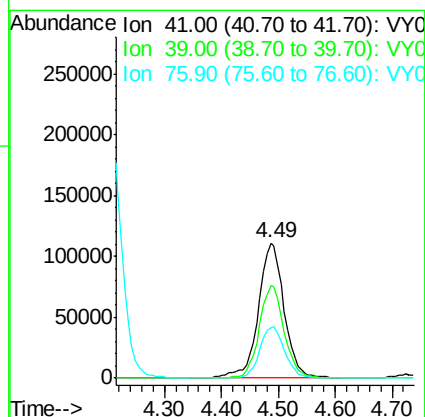
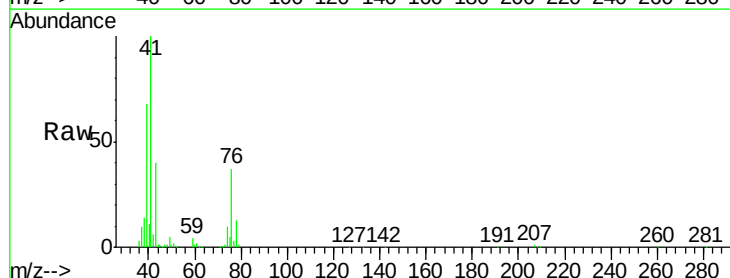
Tgt Ion: 41 Resp: 348692

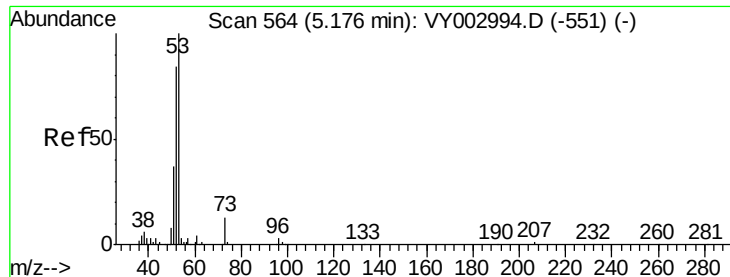
Ion Ratio Lower Upper

41 100

39 66.0 53.1 79.7

76 36.7 30.0 45.0





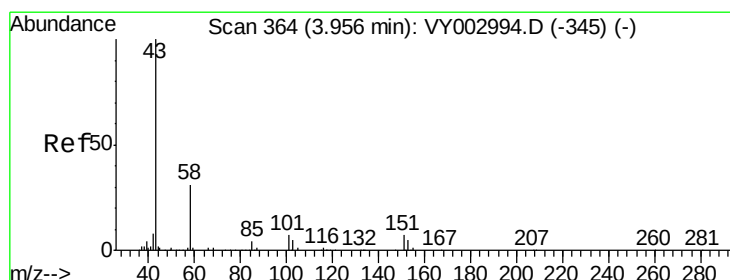
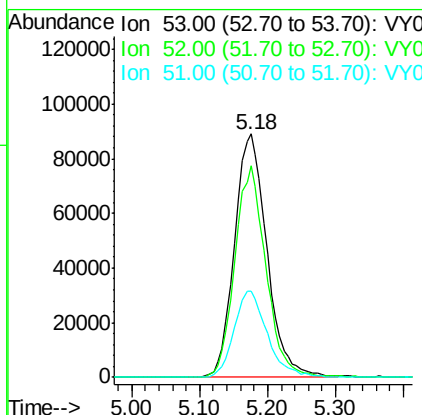
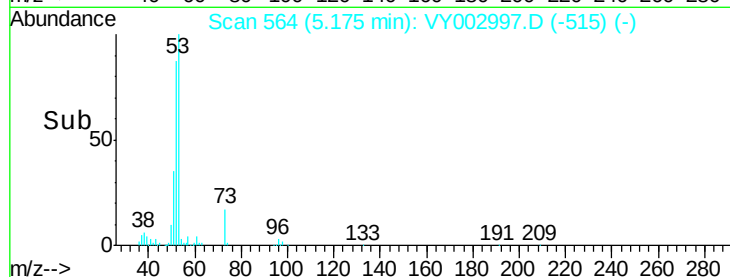
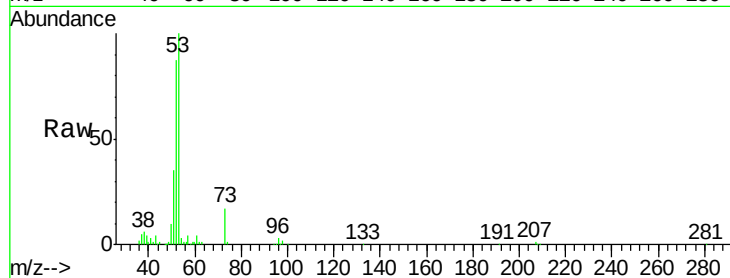
#15
 Acrylonitrile
 Concen: 275.276 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

Tot Ion:	53	Resp:	294952
Ion	Ratio	Lower	Upper
53	100		
52	83.3	68.0	102.0
51	36.4	29.8	44.8

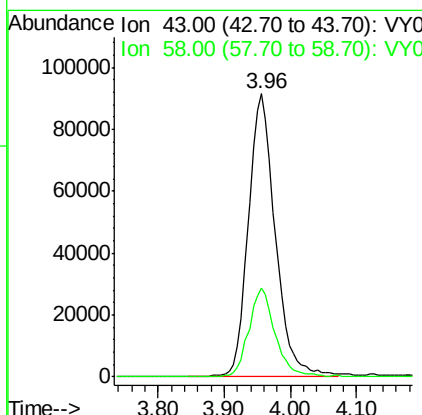
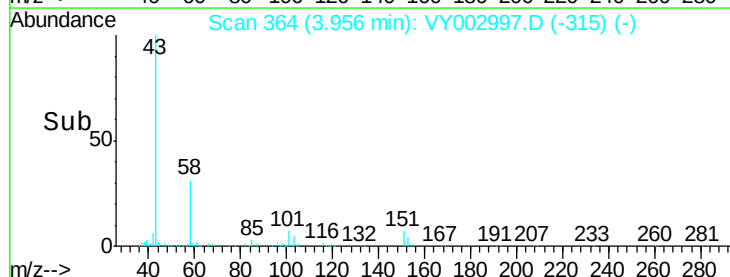
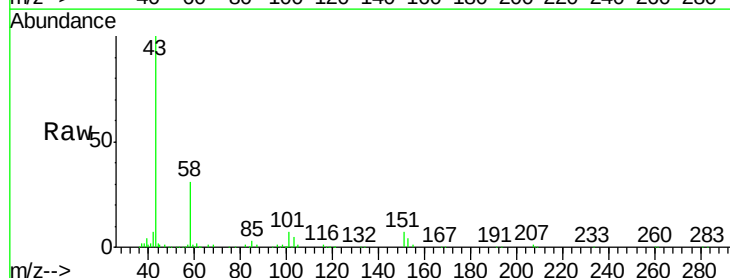
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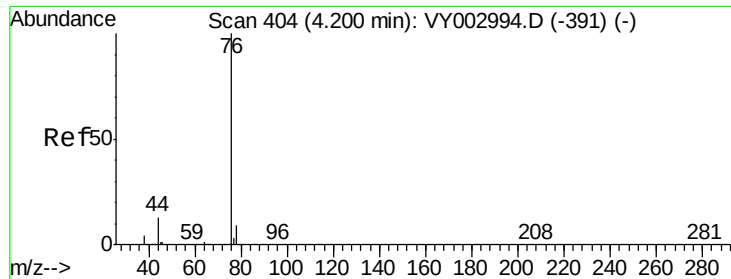
MMDadoda
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#16
 Acetone
 Concen: 288.608 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion:	43	Resp:	260623
Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.4	36.6





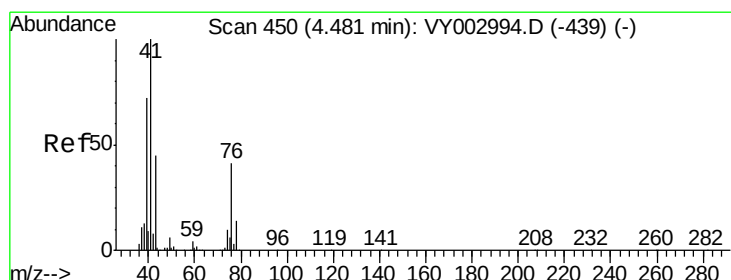
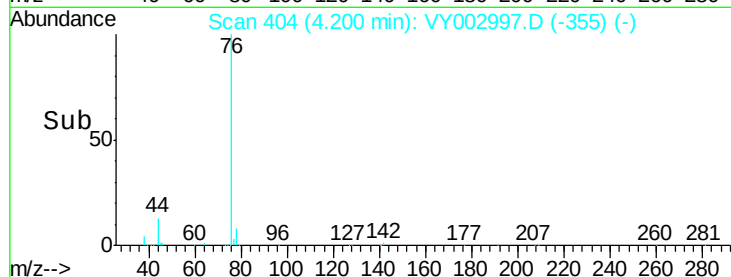
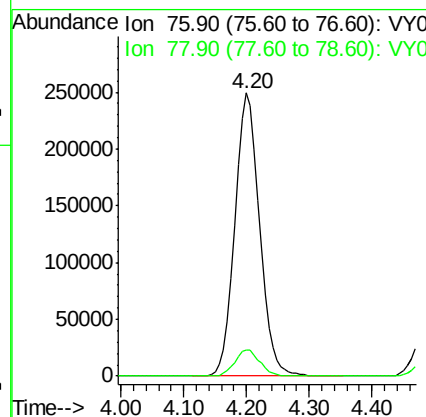
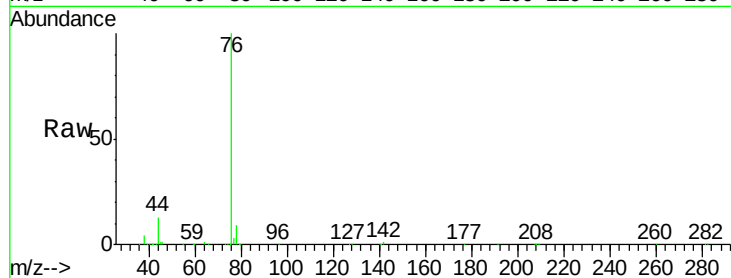
#17
Carbon Disulfide
Concen: 55.845 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062520

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

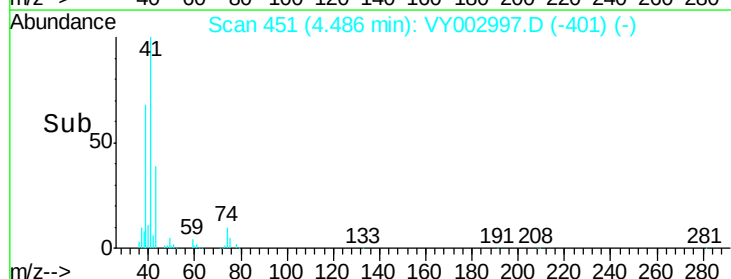
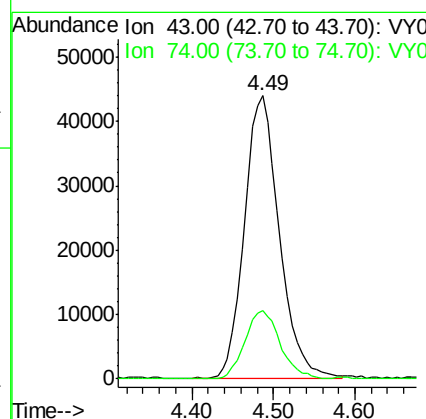
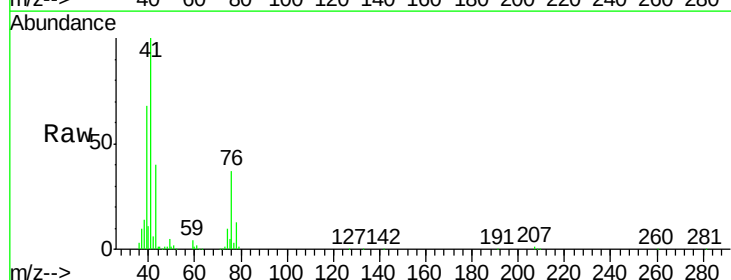
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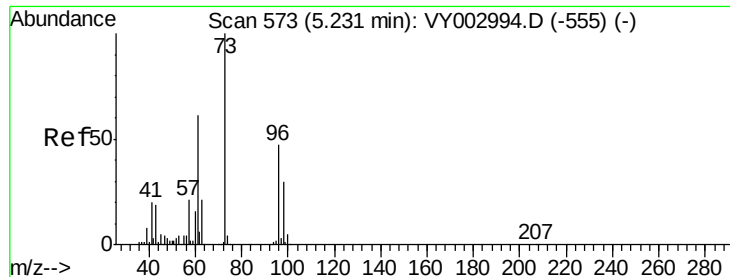
MMDadoda
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#18
Methyl Acetate
Concen: 55.093 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.8	29.6





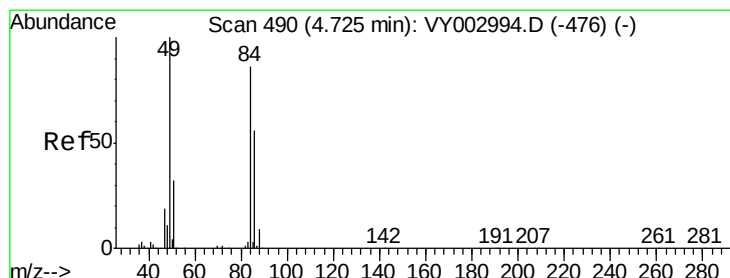
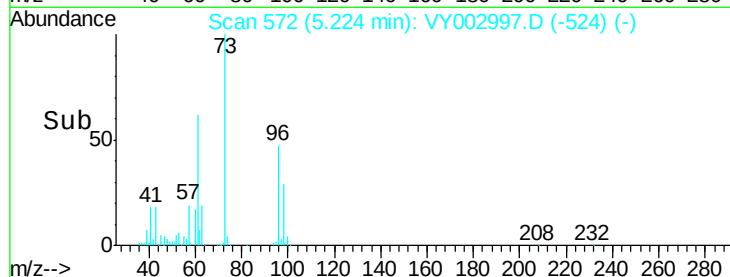
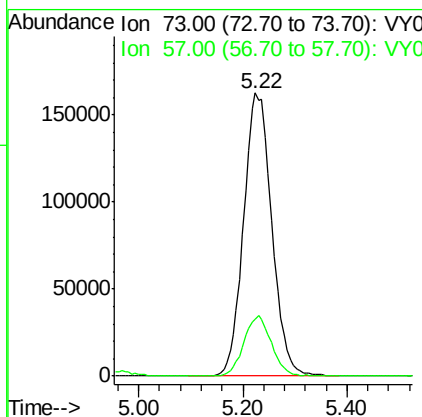
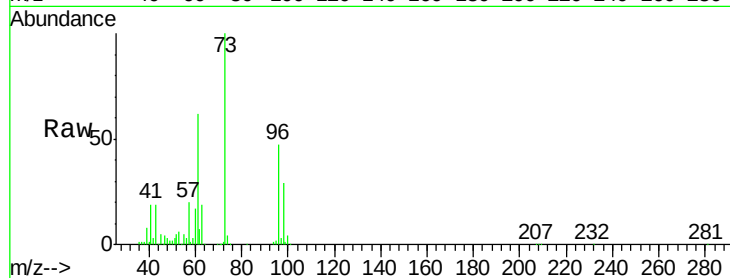
#19
Methyl tert-butyl Ether
Concen: 54.829 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062520

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.0	17.0	25.4

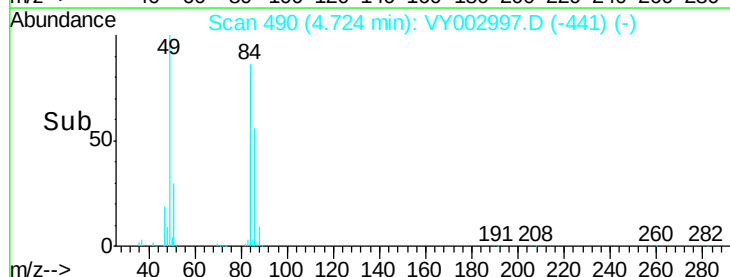
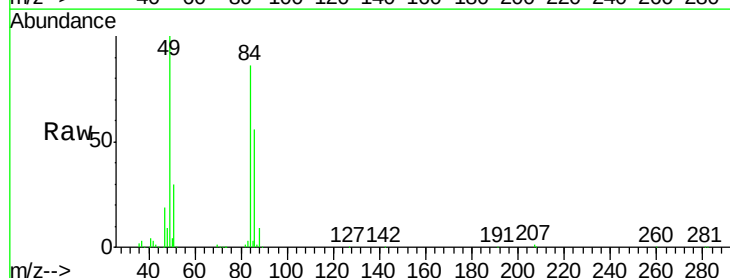
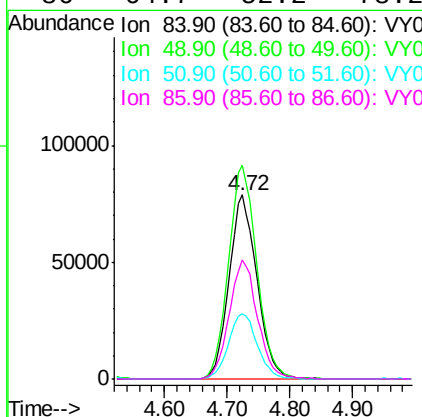
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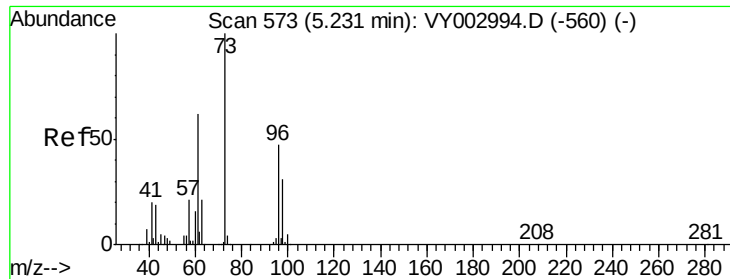
MMDadoda
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#20
Methylene Chloride
Concen: 54.470 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.1	92.6	138.8
51	35.3	29.8	44.8
86	64.7	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 54.736 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

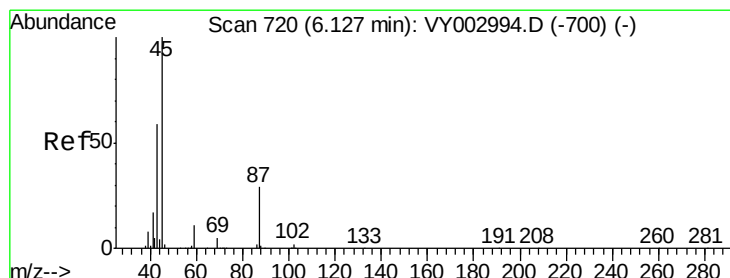
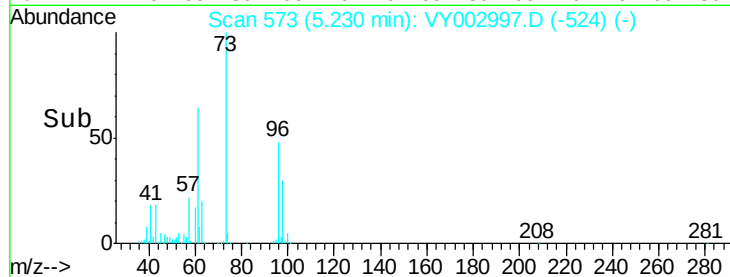
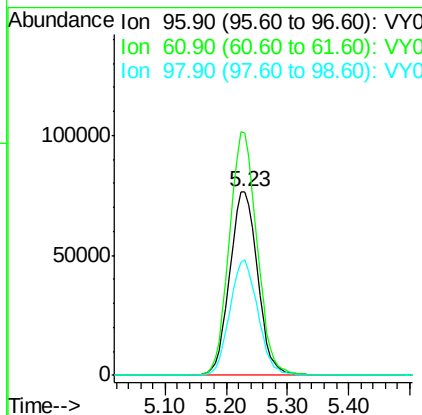
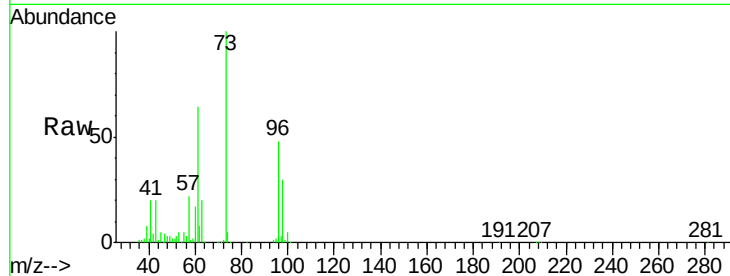
ClientSampleId :

ICVVY062520

Tot Ion:	96	Resp:	240432
Ion	Ratio	Lower	Upper
96	100		
61	131.6	104.0	156.0
98	62.9	51.6	77.4

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#22

Diisopropyl ether

Concen: 44.287 ug/l

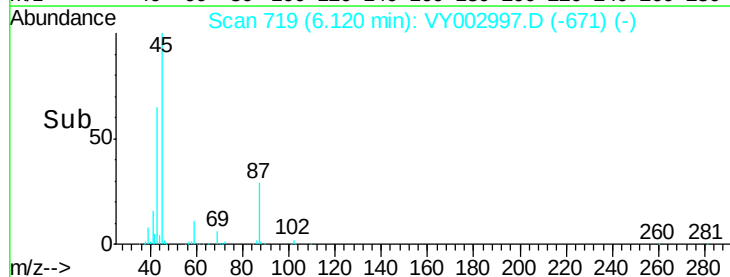
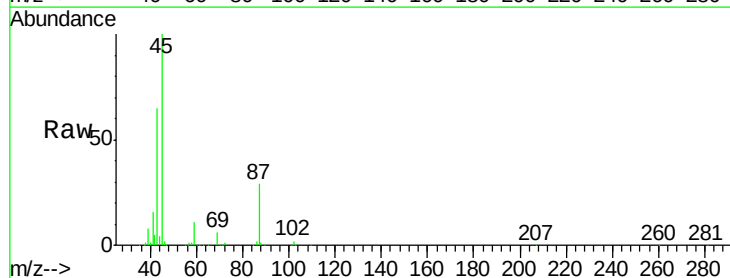
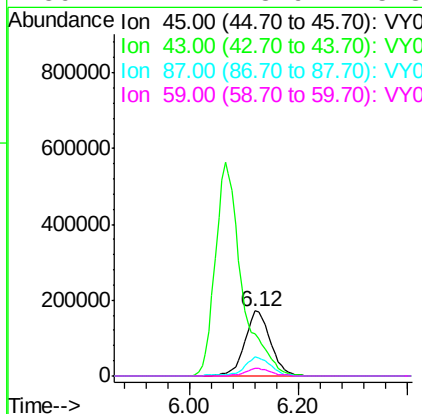
RT: 6.12 min Scan# 719

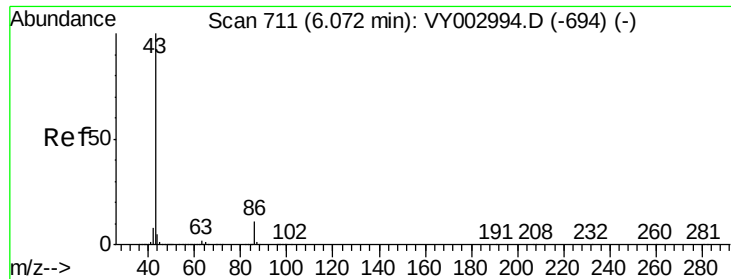
Delta R.T. -0.01 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Tgt Ion:	45	Resp:	561011
Ion	Ratio	Lower	Upper
45	100		
43	64.5	47.5	71.3
87	29.4	23.3	34.9
59	11.4	8.9	13.3





#23

Vinyl Acetate

Concen: 221.416 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062520

Tot Ion: 43 Resp: 1896574

Ion Ratio Lower Upper

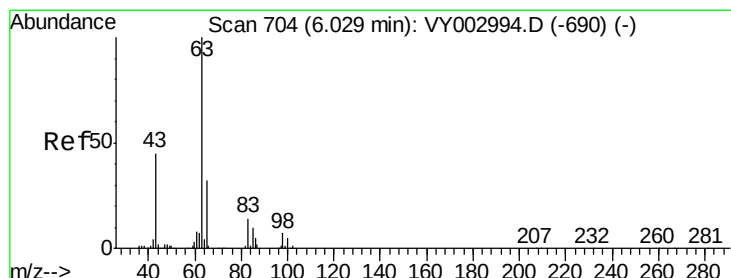
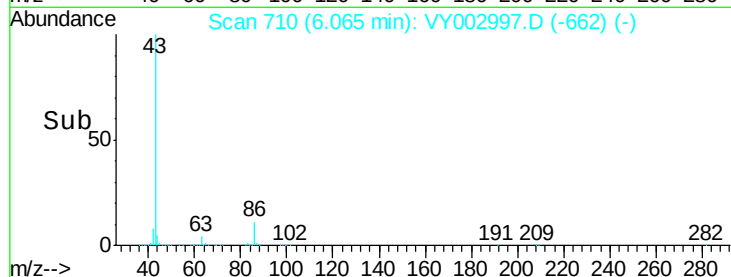
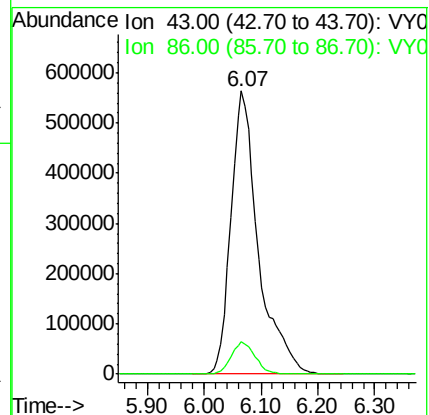
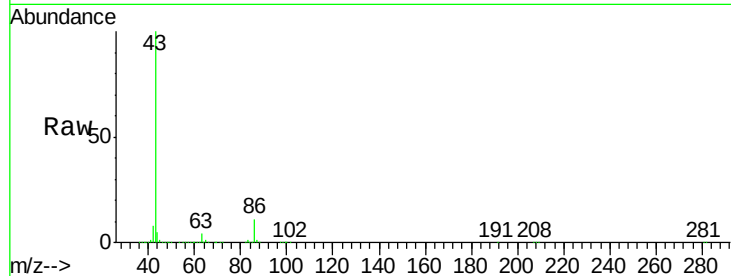
43 100

86 11.5 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 44.003 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

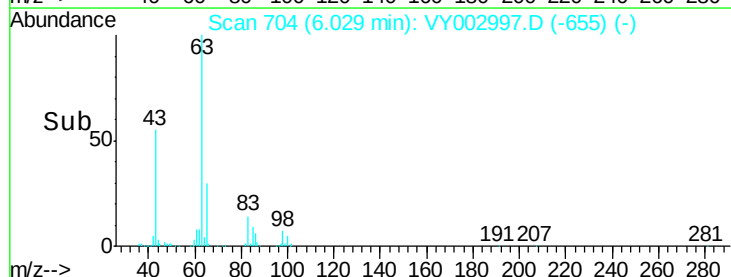
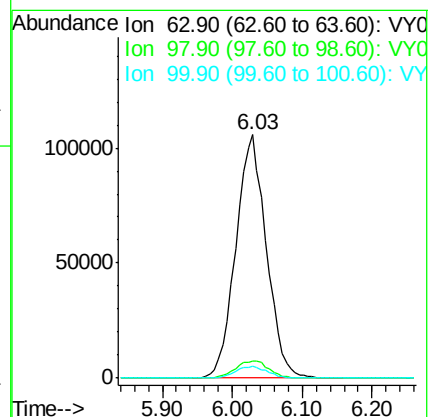
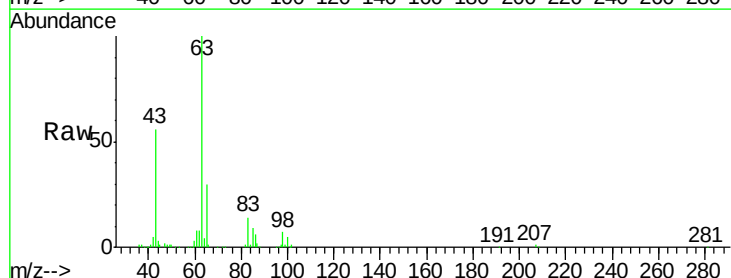
Tgt Ion: 63 Resp: 320693

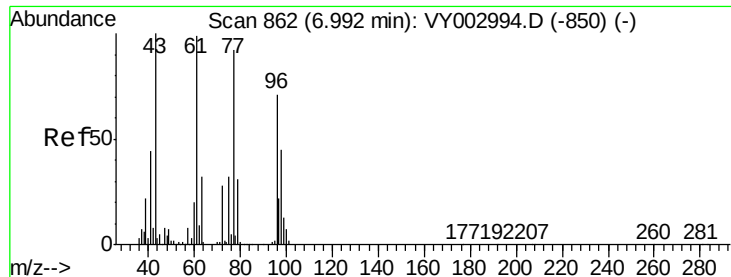
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 236.952 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062520

Tot Ion: 43 Resp: 335209

Ion Ratio Lower Upper

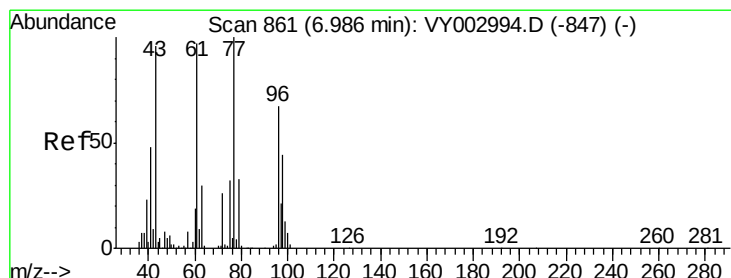
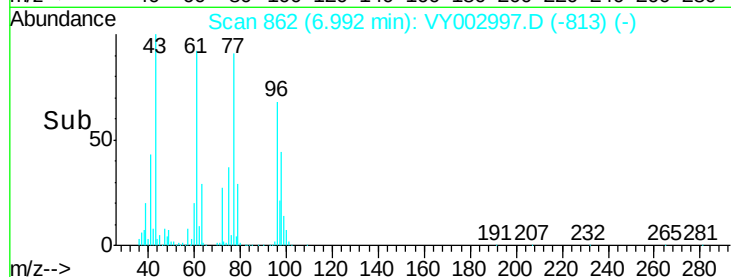
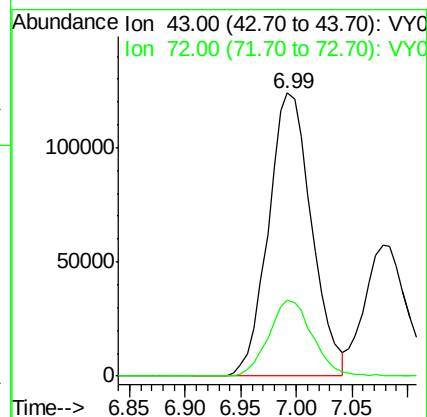
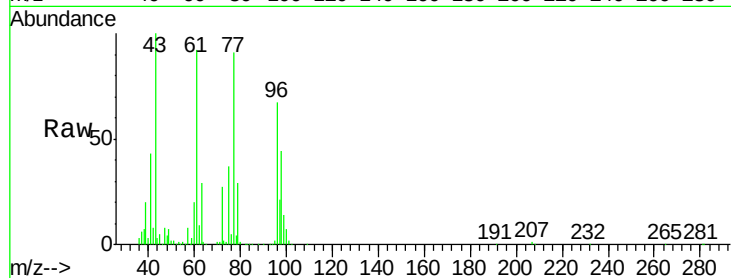
43 100

72 26.8 22.3 33.5

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 47.099 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.00 min

Lab File: VY002997.D

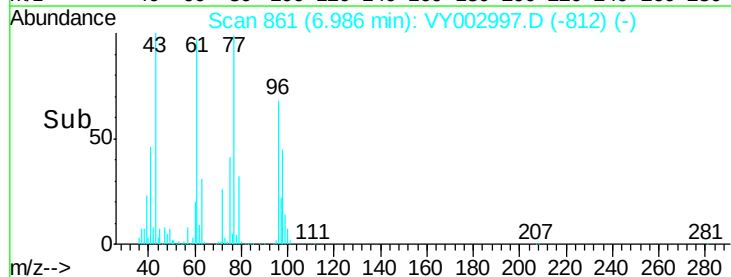
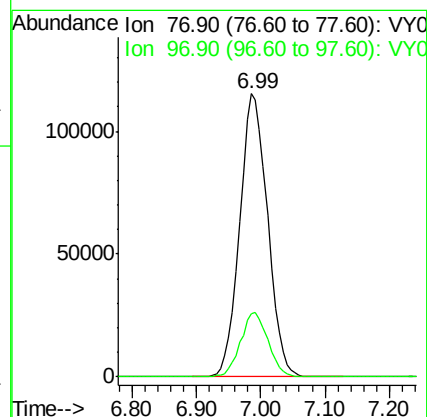
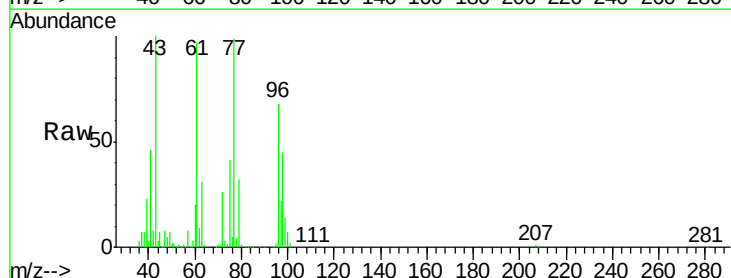
Acq: 25 Jun 2020 15:02

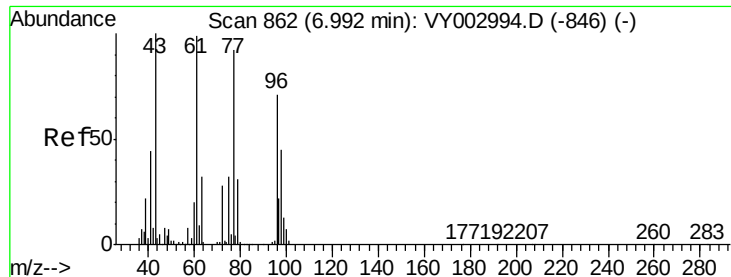
Tgt Ion: 77 Resp: 345393

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.3





#27

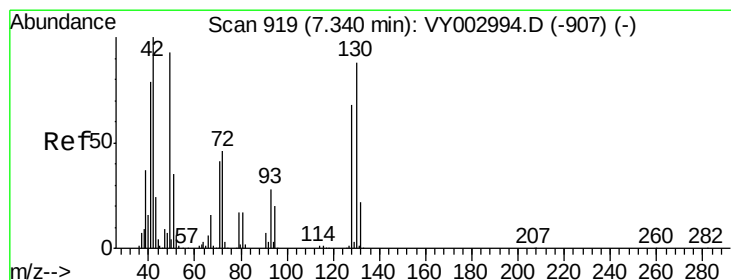
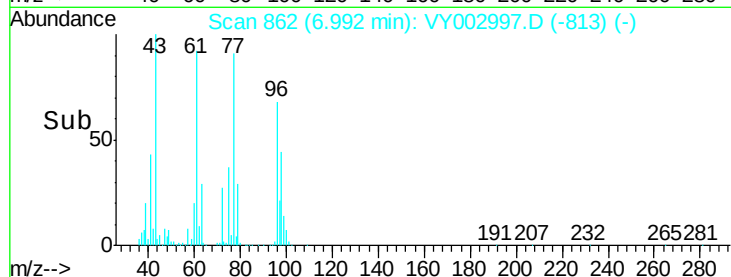
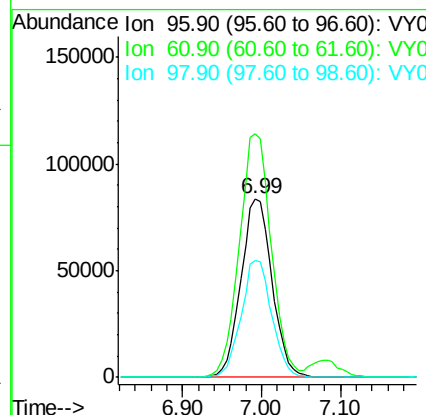
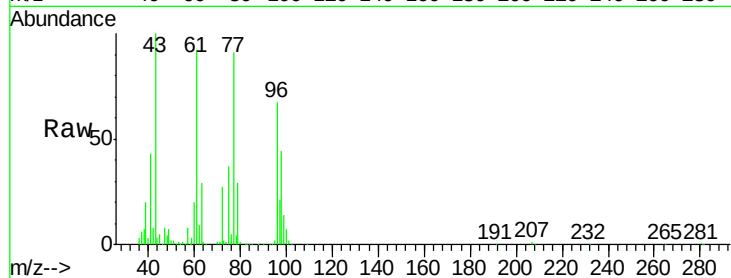
cis-1,2-Dichloroethene
Concen: 46.843 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062520

Tot Ion	Ratio	Resp	Lower	Upper
96	100	229556		
61	140.5		0.0	279.0
98	64.5		0.0	128.2

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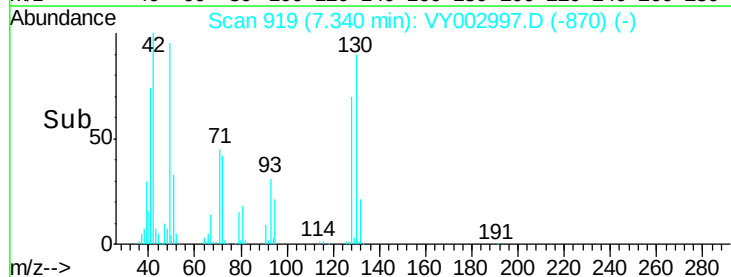
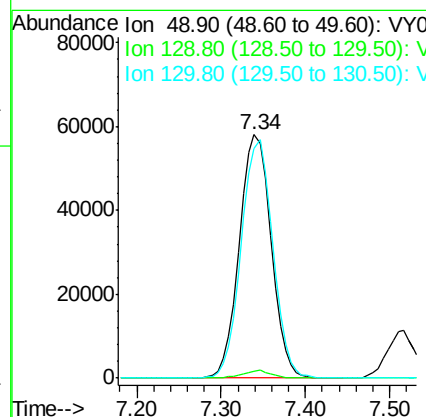
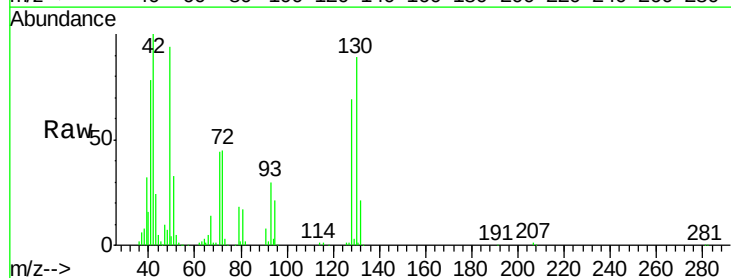
MMDadoda
6/26/2020 11:22:22 AM

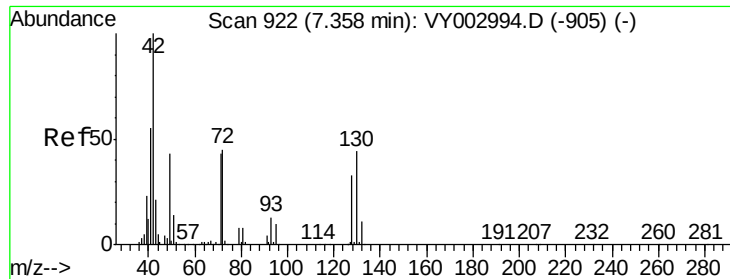


#28

Bromochloromethane
Concen: 51.231 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	148302		
129	2.8		0.0	5.4
130	96.8		73.8	110.8





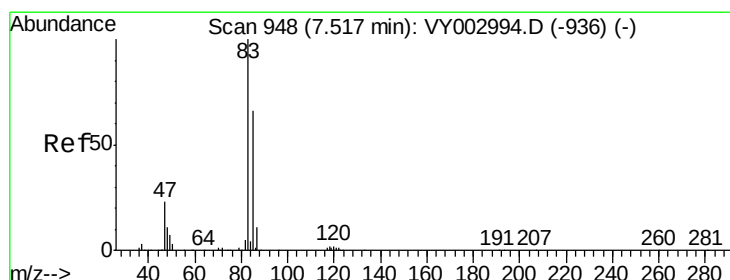
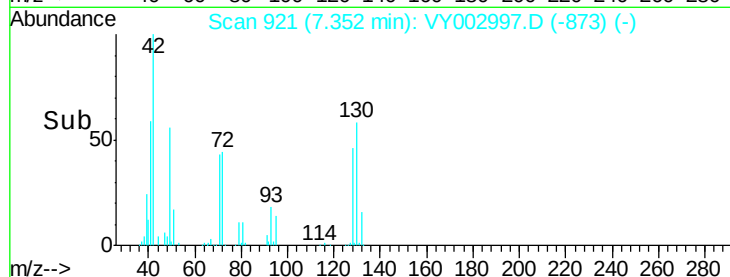
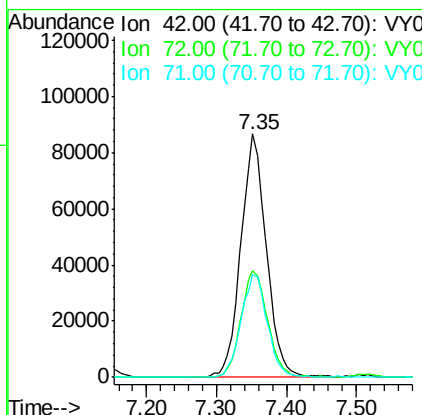
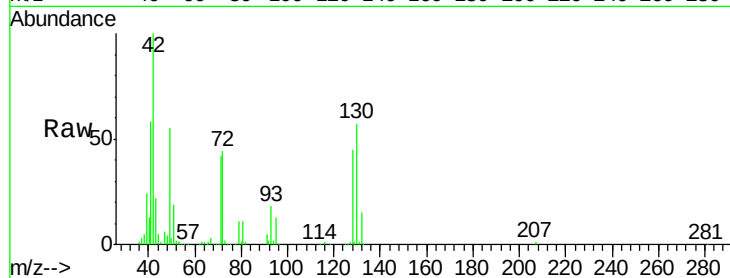
#29
Tetrahydrofuran
Concen: 234.433 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062520

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.2	54.4
71	43.5	34.2	51.2

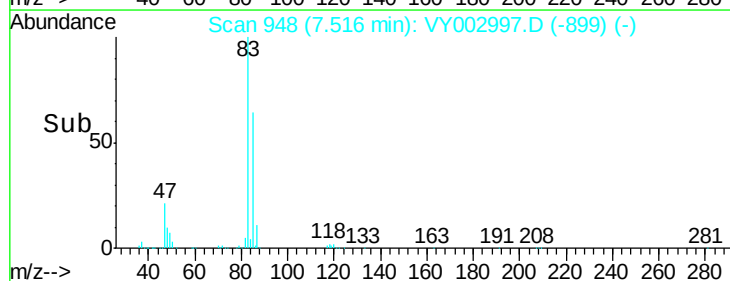
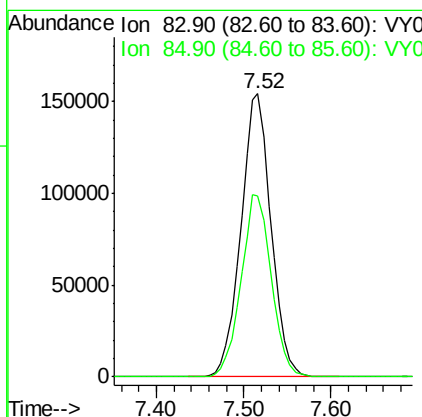
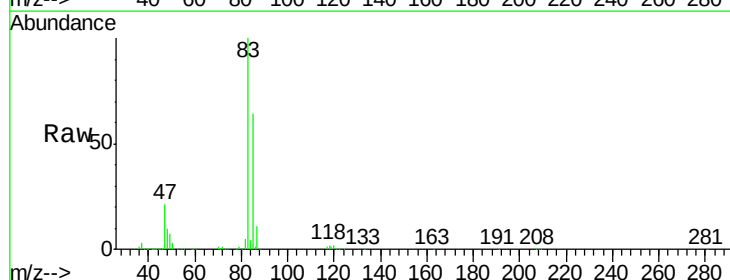
Manual Integrations
APPROVED

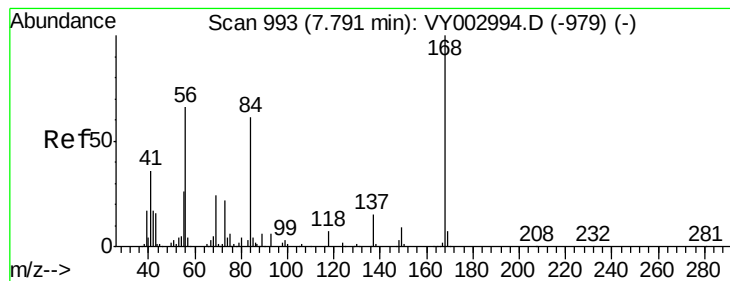
MMDadoda
6/26/2020 11:22:22 AM



#30
Chloroform
Concen: 47.507 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.6	78.8





#31

Cyclohexane

Concen: 45.193 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

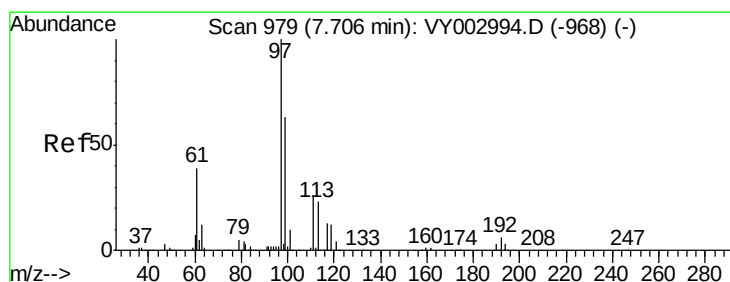
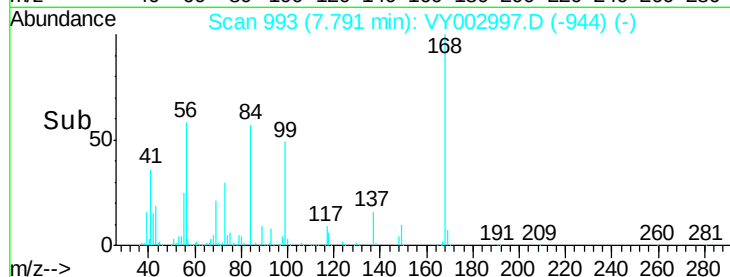
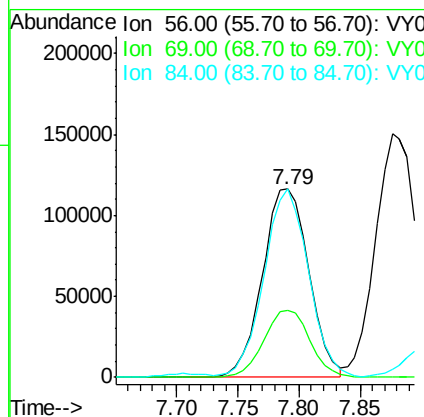
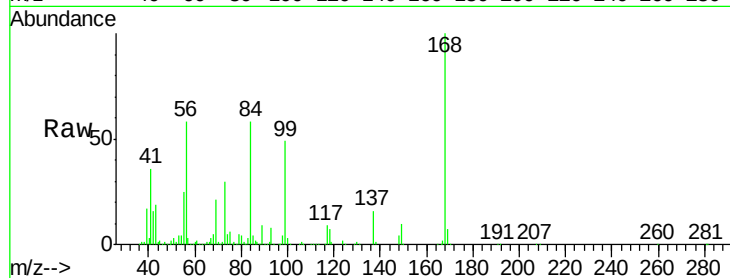
ClientSampleId :

ICVY062520

Tot Ion	56	Resp	308099
Ion	Ratio	Lower	Upper
56	100		
69	35.5	28.6	43.0
84	98.3	74.0	111.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.437 ug/l

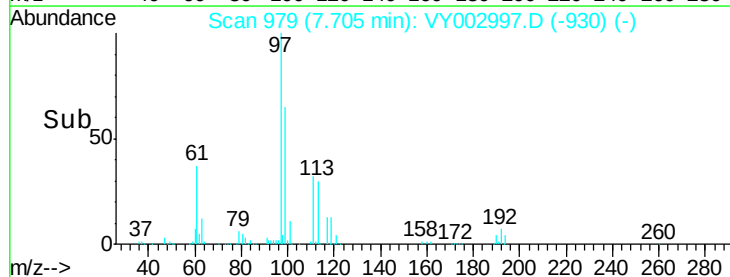
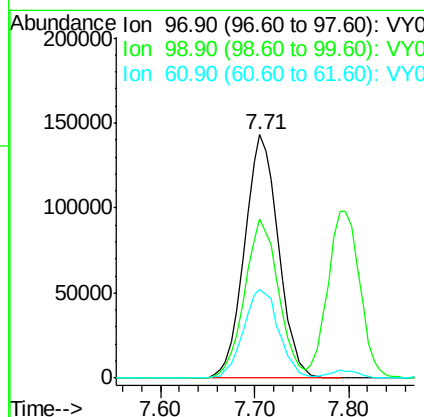
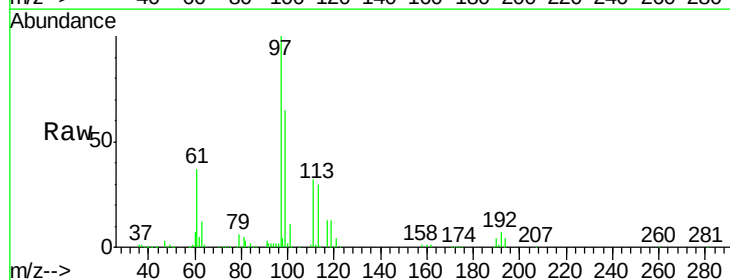
RT: 7.71 min Scan# 979

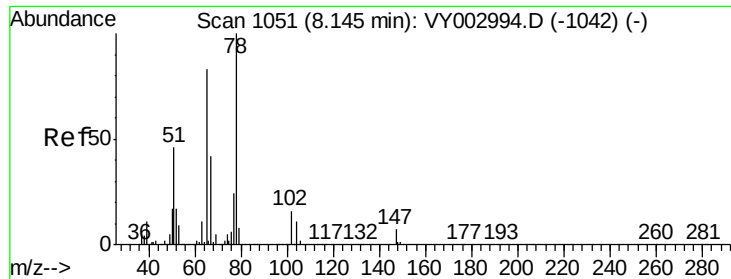
Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Tgt Ion	97	Resp	360561
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.8	77.6
61	38.1	31.0	46.6





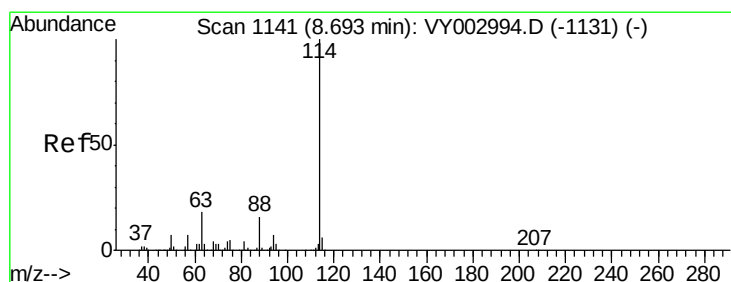
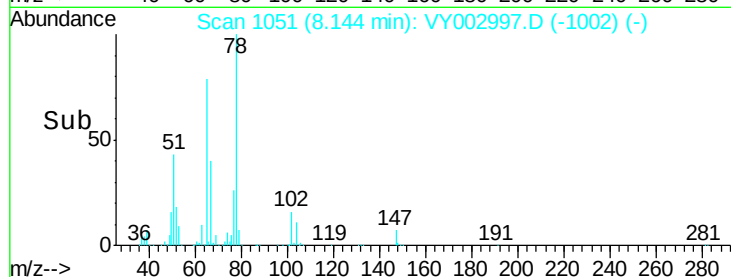
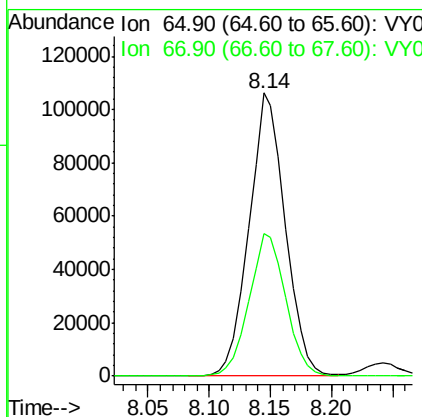
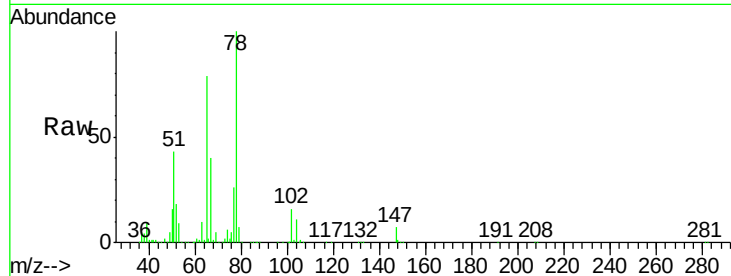
#33
 1,2-Dichloroethane-d4
 Concen: 51.703 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

Tot Ion	Ratio	Resp	Lower	Upper
65	100	218191		
67	51.1	0.0	102.2	

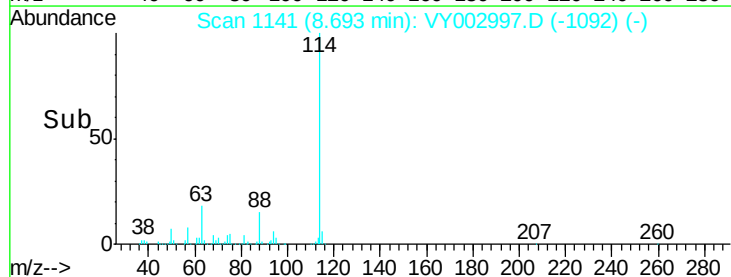
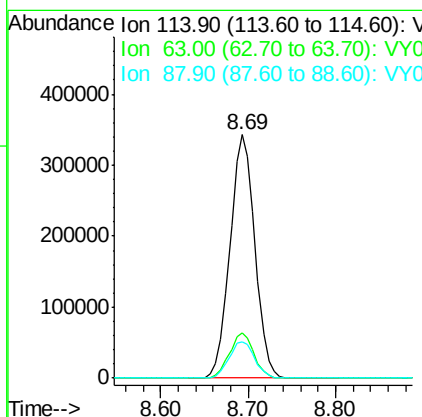
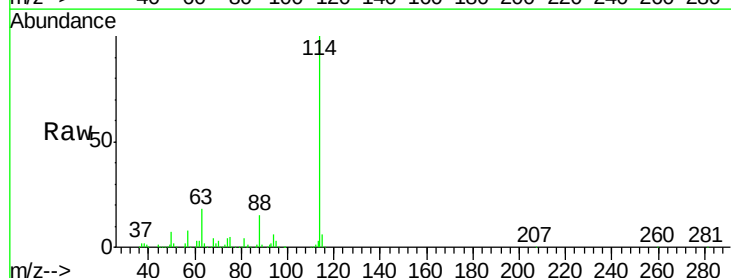
Manual Integrations
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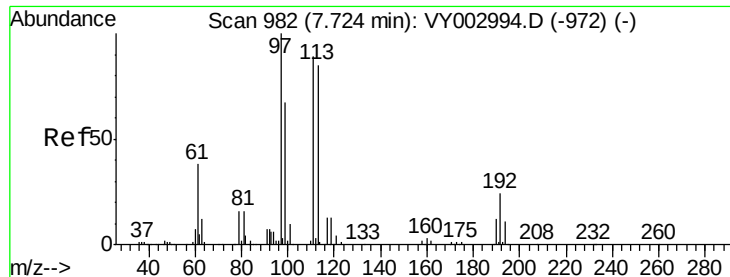
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	676830		
63	18.5	0.0	36.8	
88	15.0	0.0	31.6	





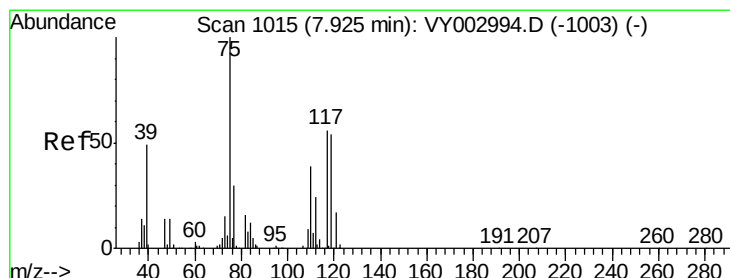
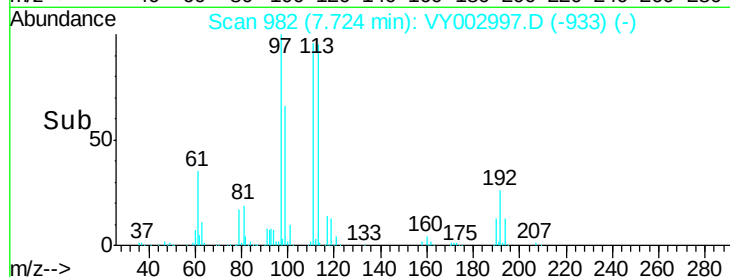
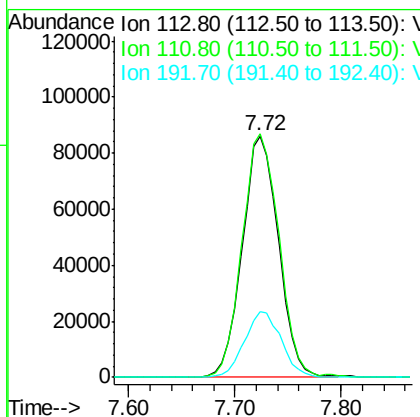
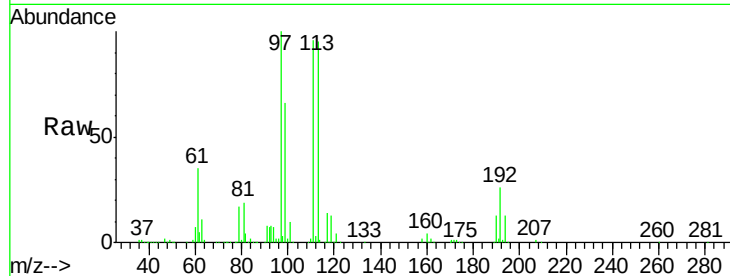
#35
Dibromofluoromethane
Concen: 48.381 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062520

Tot Ion	Ratio	Resp	Lower	Upper
113	100	205414		
111	103.3	81.2	121.8	
192	27.7	21.1	31.7	

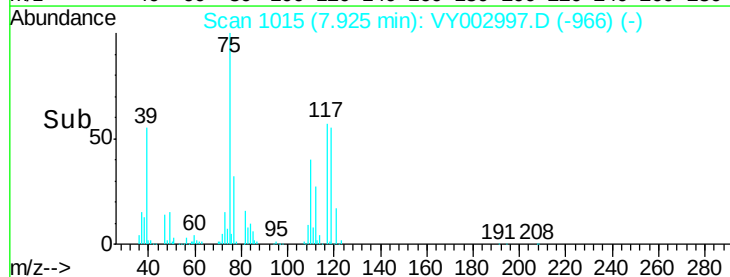
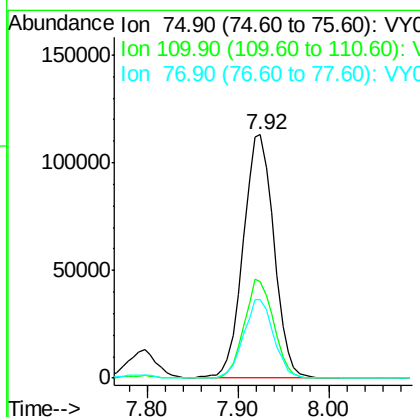
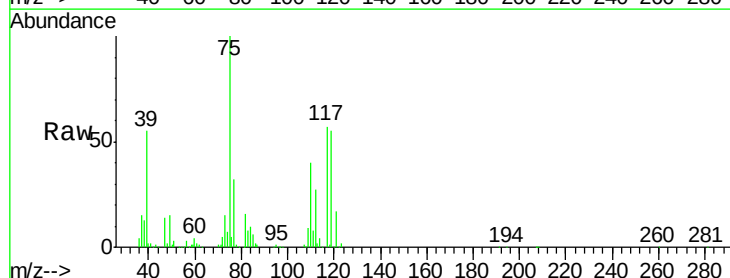
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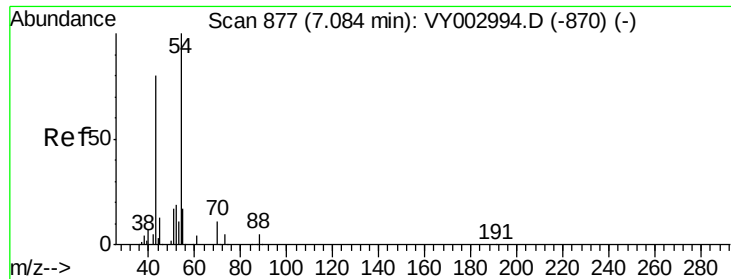
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#36
1,1-Dichloropropene
Concen: 41.818 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	265547		
110	38.8	18.9	56.9	
77	31.6	24.3	36.5	





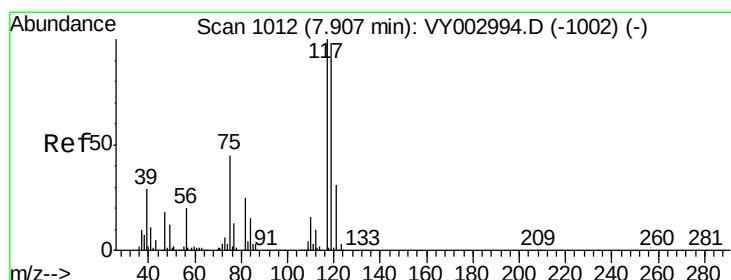
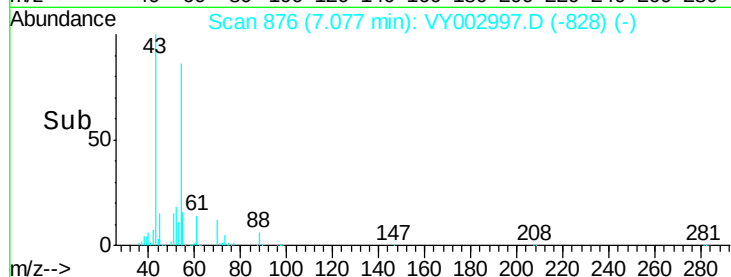
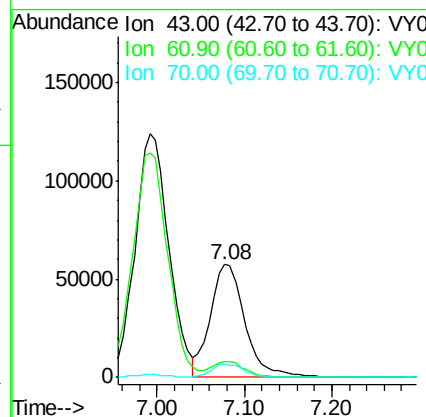
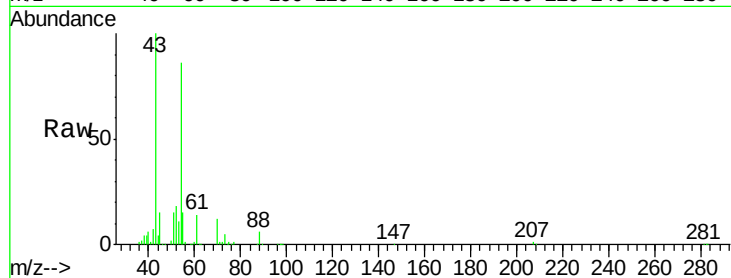
#37
Ethyl Acetate
Concen: 43.963 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062520

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.9	16.3
70	11.5	9.0	13.4

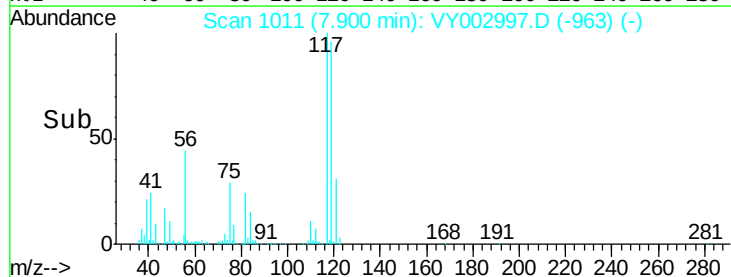
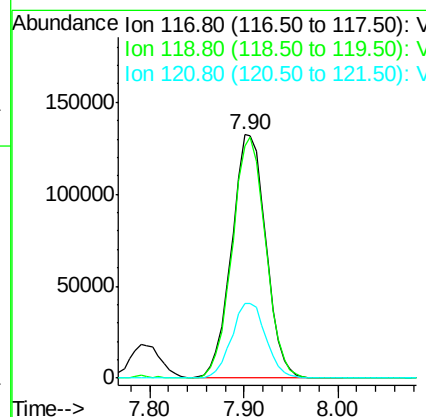
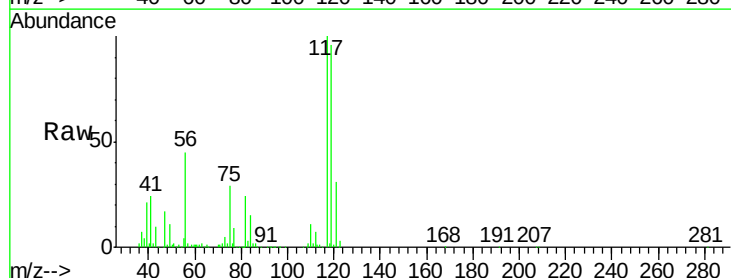
Manual Integrations
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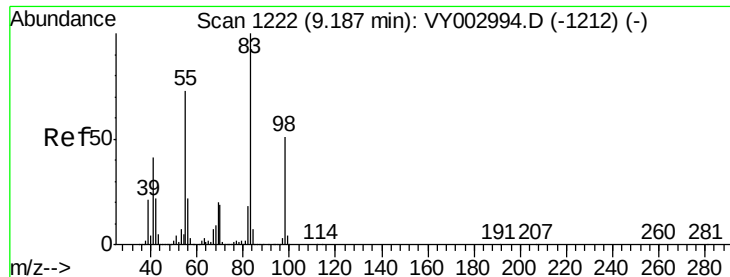
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#38
Carbon Tetrachloride
Concen: 43.599 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.2	117.4
121	30.8	24.5	36.7





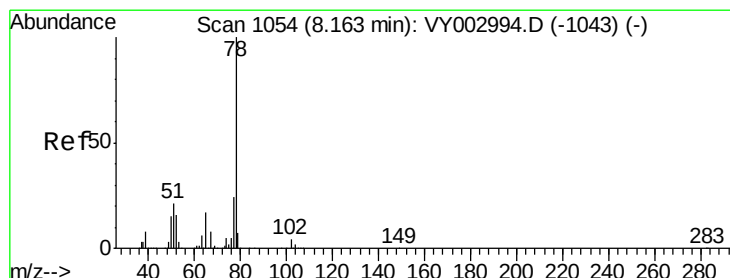
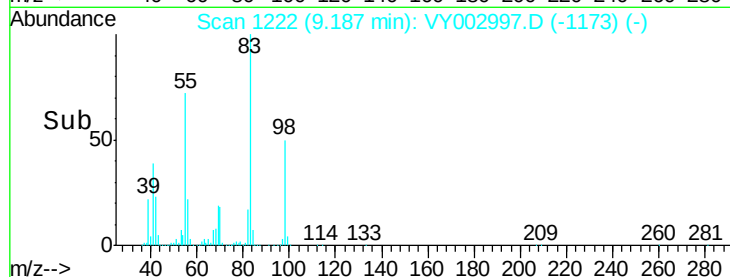
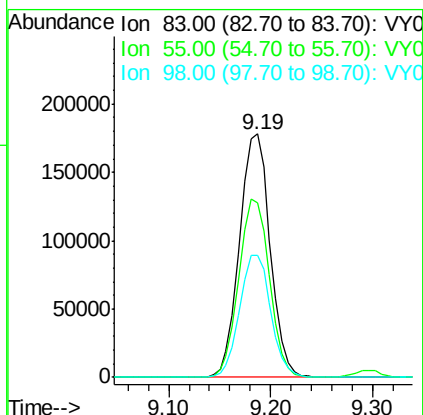
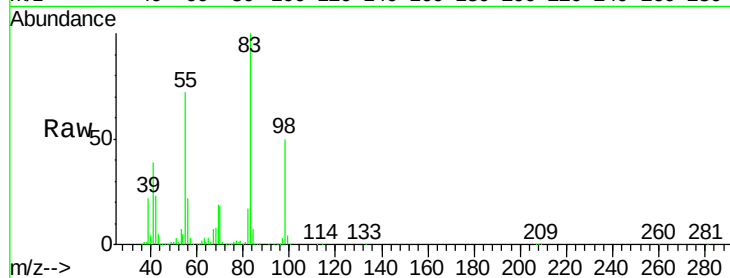
#39
Methylvlcyclohexane
Concen: 49.986 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062520

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.9	58.6	87.8
98	50.2	41.0	61.6

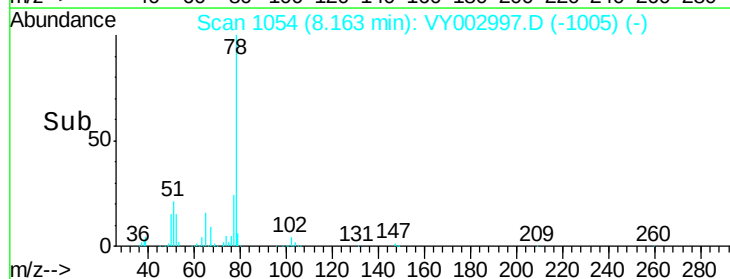
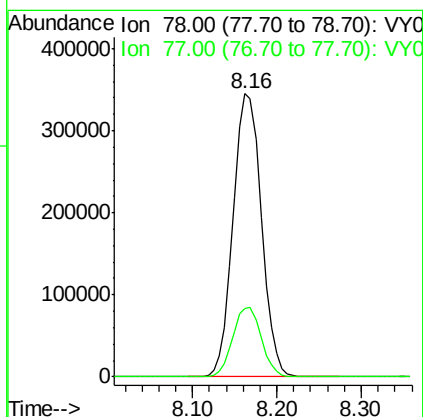
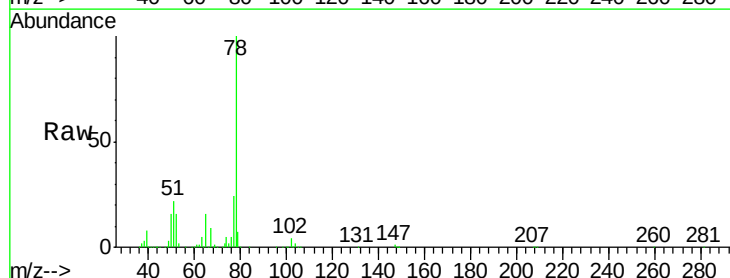
Manual Integrations
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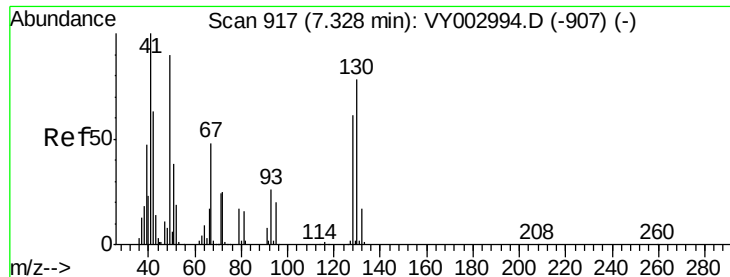
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#40
Benzene
Concen: 45.533 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.2	28.8





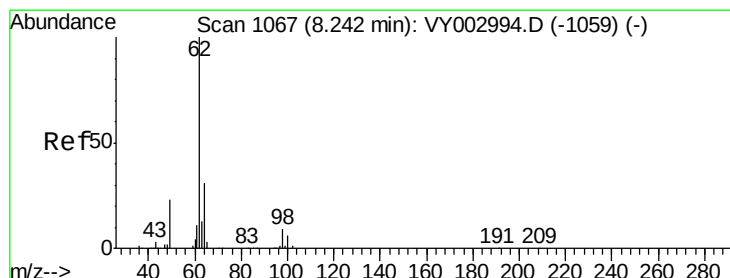
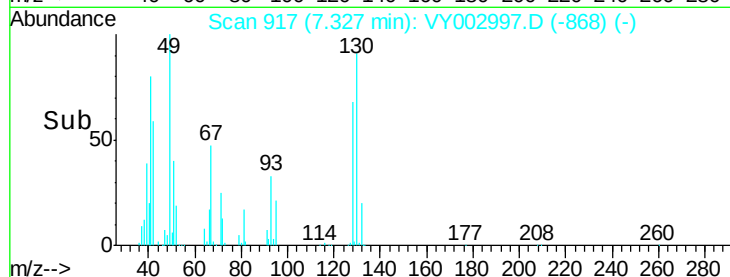
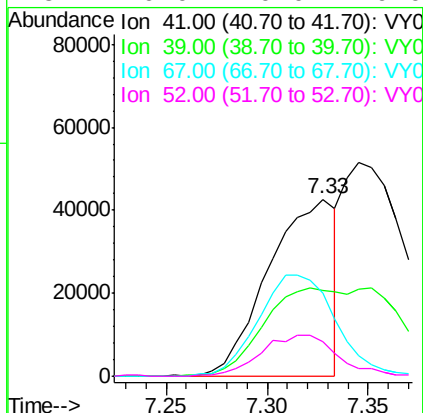
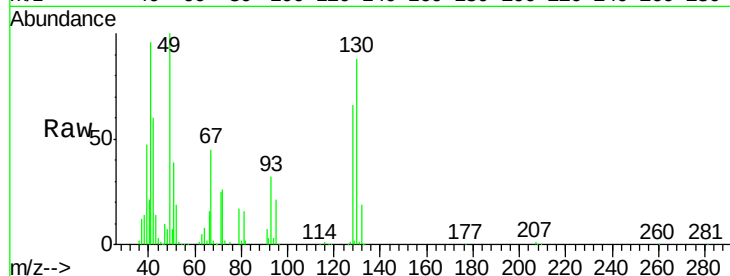
#41
Methacrylonitrile
Concen: 49.008 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062520

Tot Ion	41	Resp:	99596
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

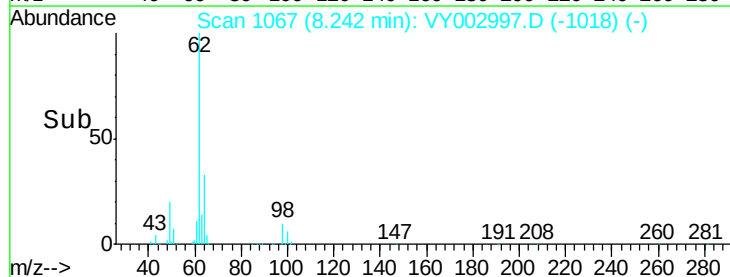
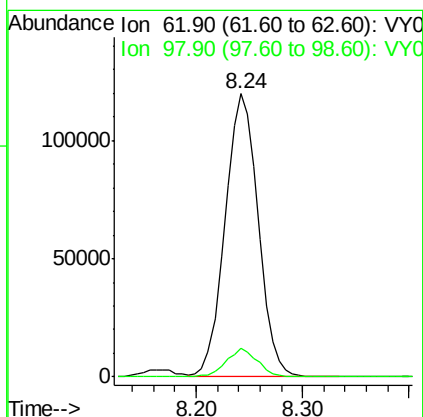
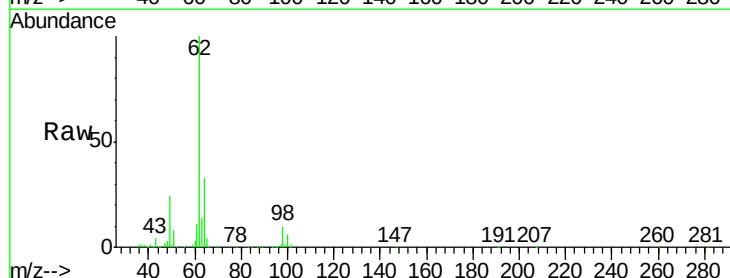
Manual Integrations
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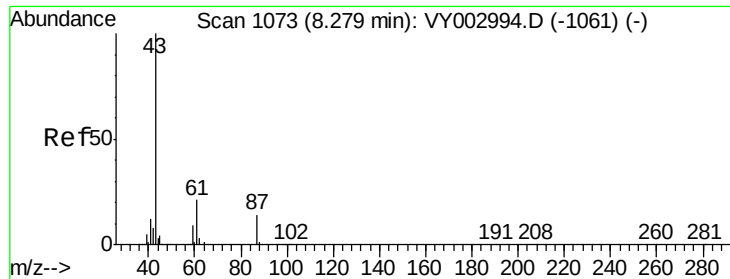
MMDadoda
6/26/2020 11:22:22 AM



#42
1,2-Dichloroethane
Concen: 47.187 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	62	Resp:	260836
Ion Ratio	Lower	Upper	
62	100		
98	9.4	0.0	18.4





#43

Isopropyl Acetate

Concen: 48.772 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

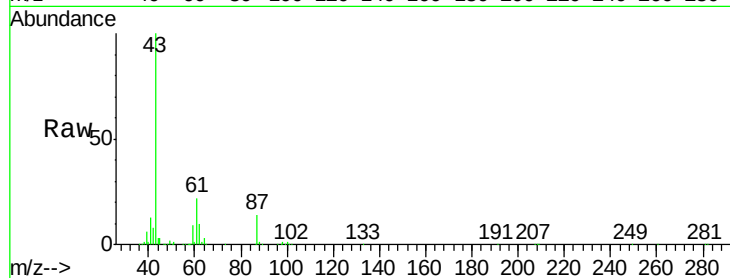
ClientSampleId :

ICVVY062520

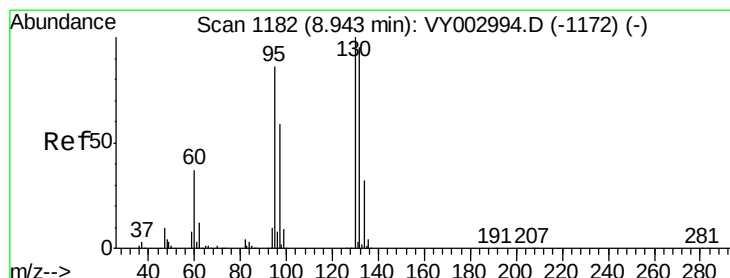
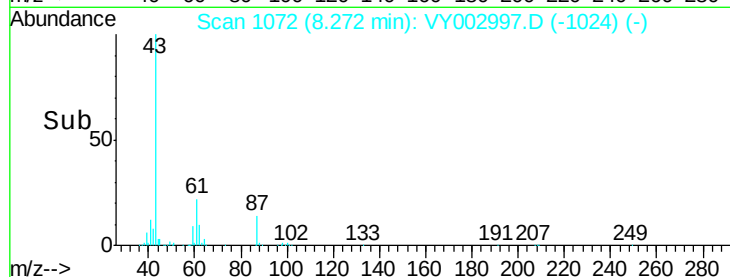
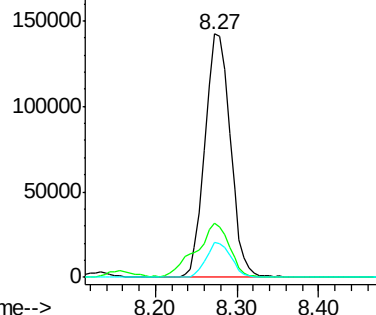
Tot Ion:	43	Resp:	305976
Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.2	34.8
87	14.0	11.4	17.2

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VY002997.D (-1061) (-)



#44

Trichloroethene

Concen: 48.434 ug/l

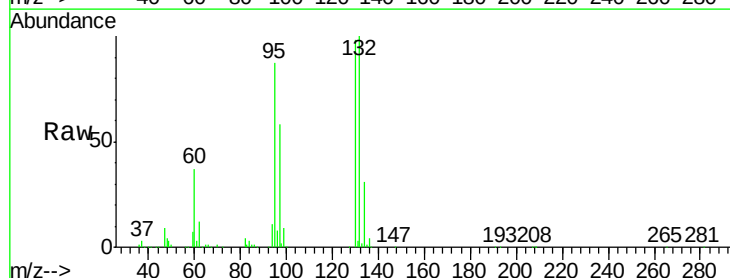
RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

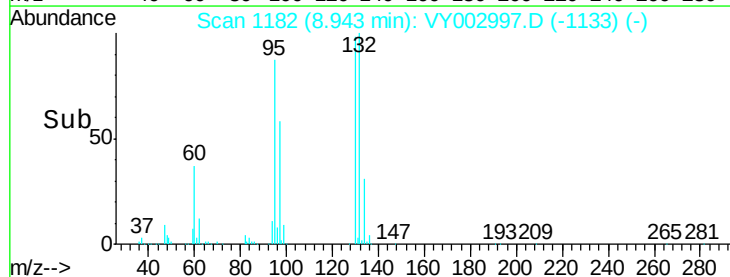
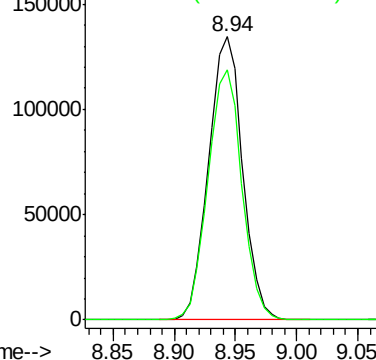
Lab File: VY002997.D

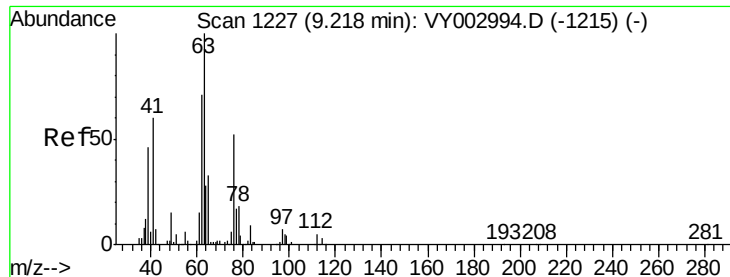
Acq: 25 Jun 2020 15:02

Tgt Ion:	130	Resp:	259488
Ion	Ratio	Lower	Upper
130	100		
95	88.3	0.0	171.4



Abundance Ion 129.80 (129.50 to 130.50): VY002997.D (-1172) (-)





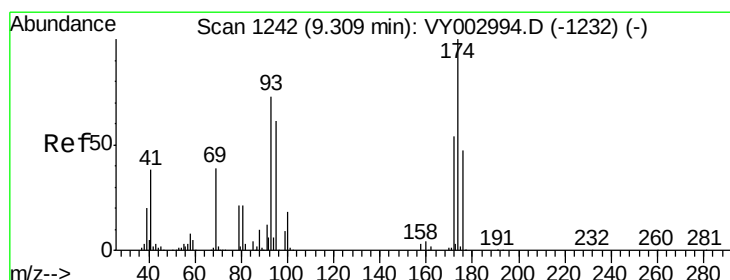
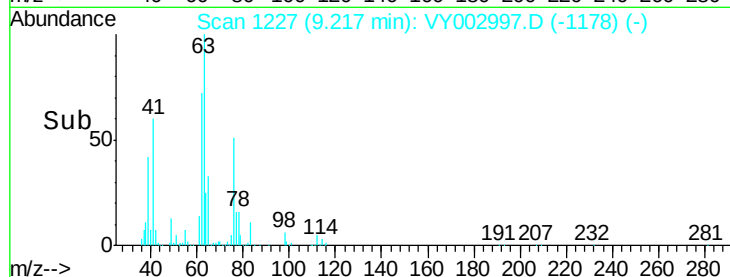
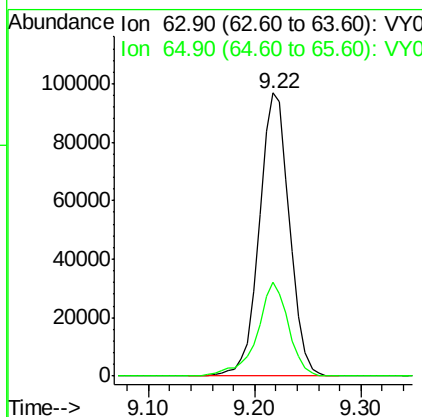
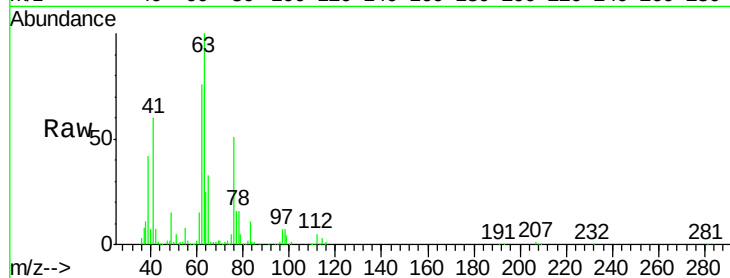
#45
 1,2-Dichloropropane
 Concen: 48.218 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.3	26.2	39.4

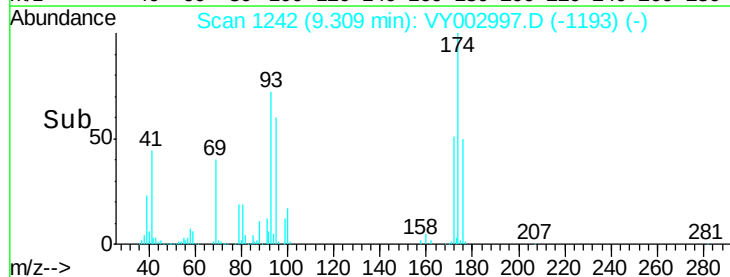
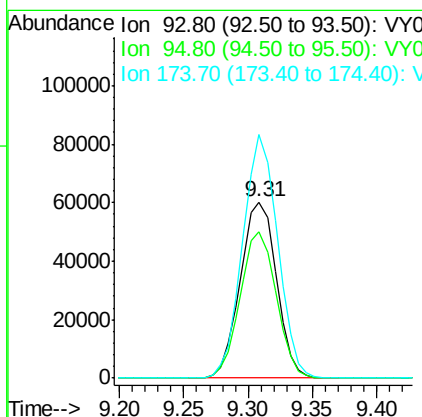
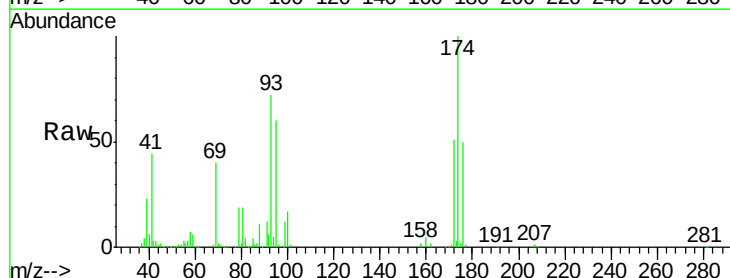
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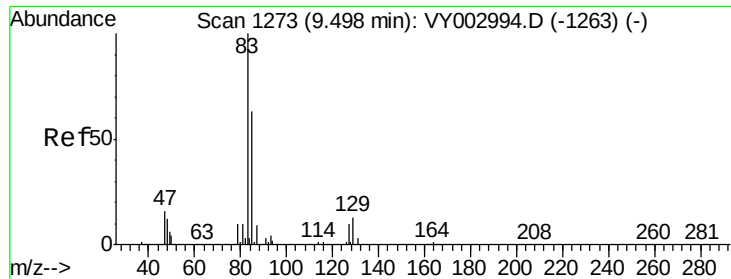
MMDadoda
 6/26/2020 11:22:22 AM



#46
 Dibromomethane
 Concen: 48.690 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.2	99.2
174	133.7	109.8	164.8





#47

Bromodichloromethane

Concen: 49.720 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

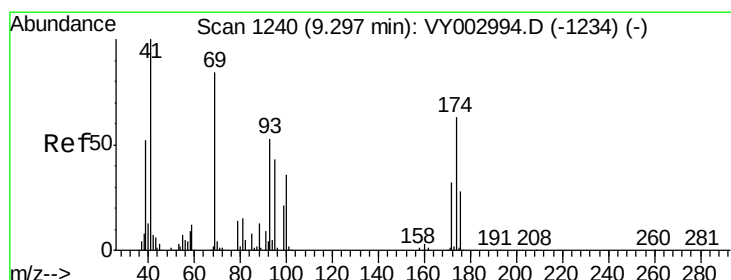
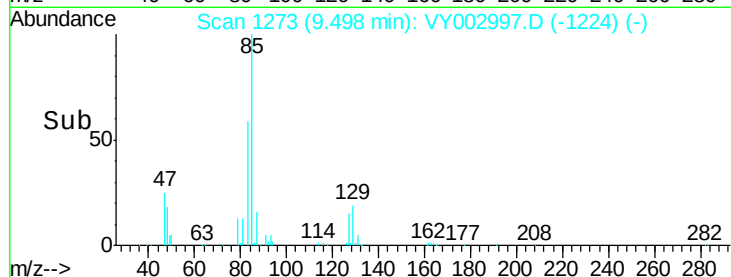
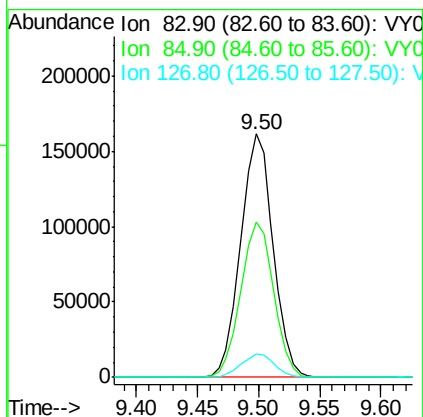
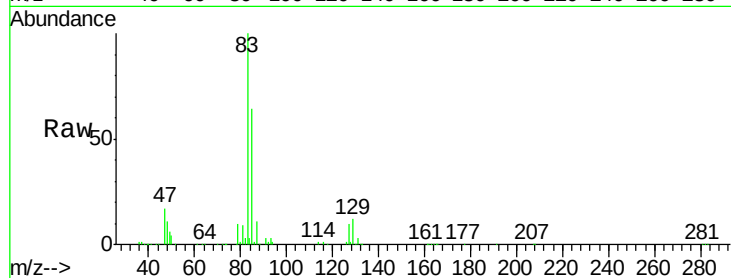
ClientSampleId :

ICVY062520

Tot Ion:	83	Resp:	297123
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.2	75.4
127	9.5	7.8	11.6

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



#48

Methyl methacrylate

Concen: 48.872 ug/l

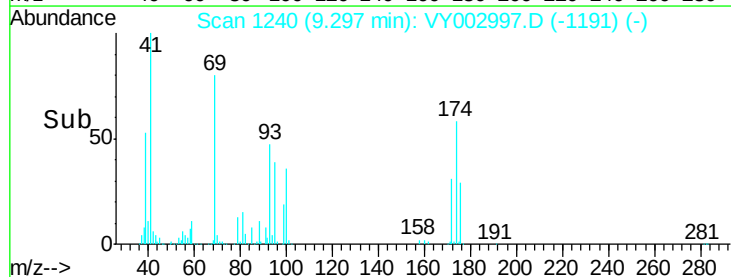
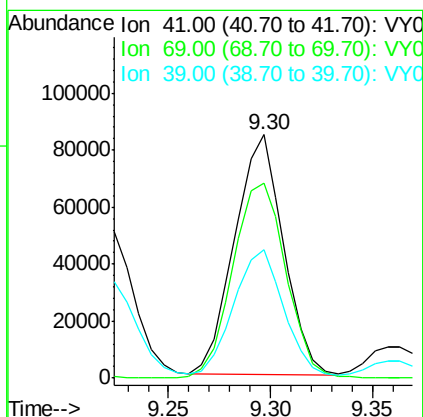
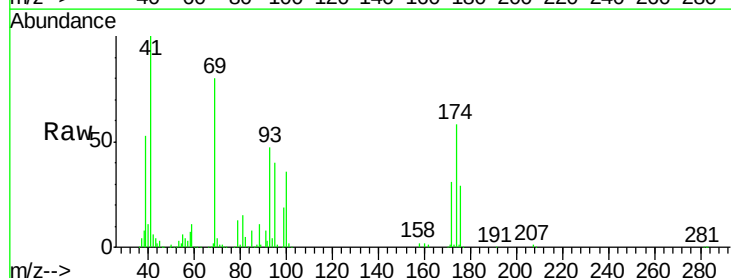
RT: 9.30 min Scan# 1240

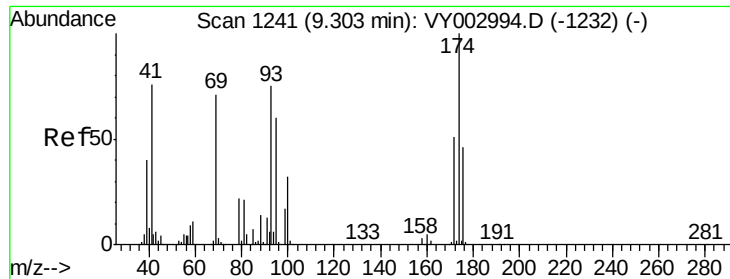
Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Tgt Ion:	41	Resp:	140508
Ion	Ratio	Lower	Upper
41	100		
69	88.1	70.2	105.2
39	53.2	45.0	67.6





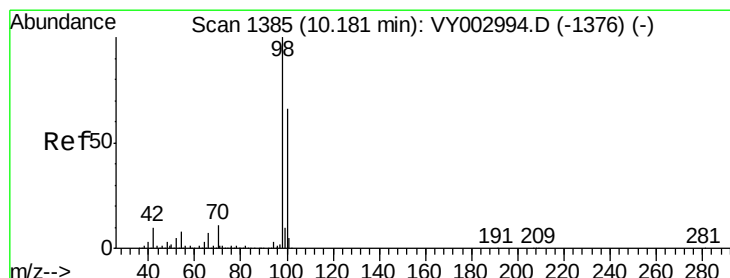
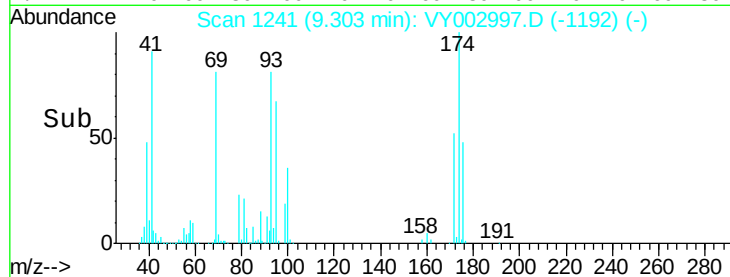
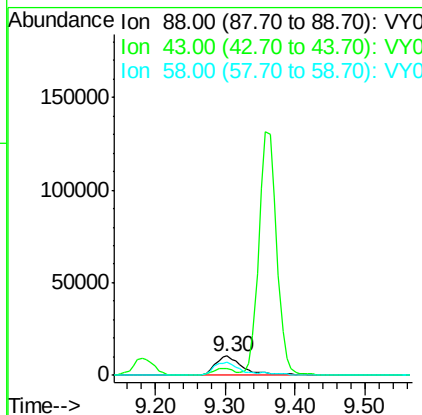
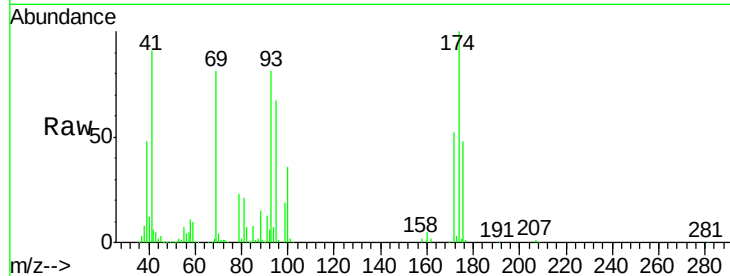
#49
1,4-Dioxane
Concen: 1079.908 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062520

Tot Ion	88	Resp	30364
Ion	Ratio	Lower	Upper
88	100		
43	27.9	26.6	39.8
58	70.5	50.6	75.8

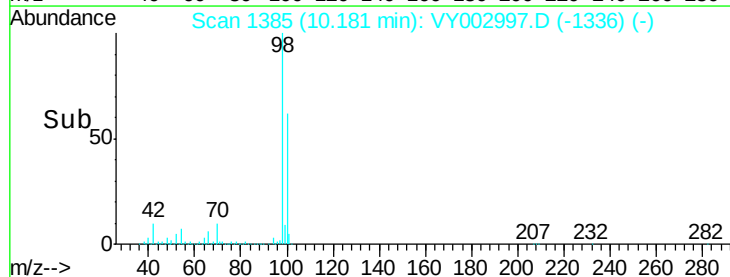
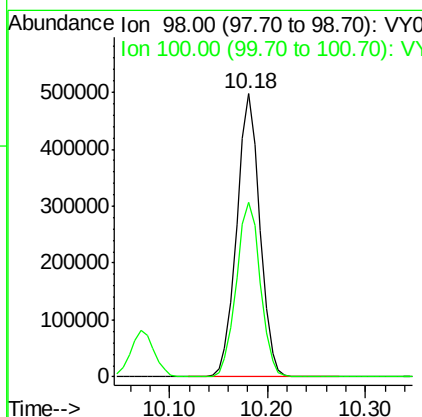
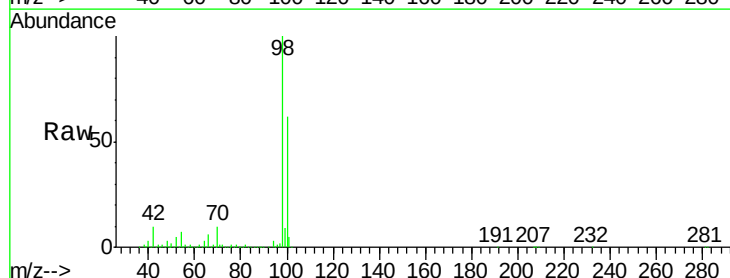
Manual Integrations
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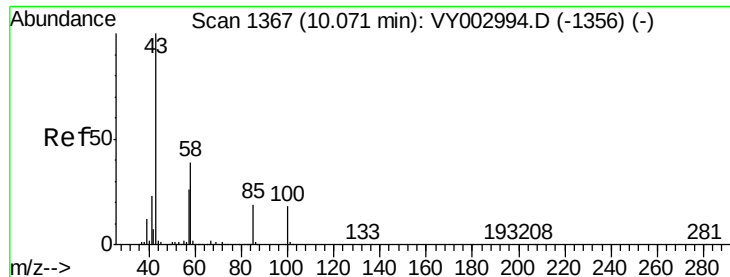
MMDadoda
6/26/2020 11:22:22 AM



#50
Toluene-d8
Concen: 50.172 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	98	Resp	816693
Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.0	78.0





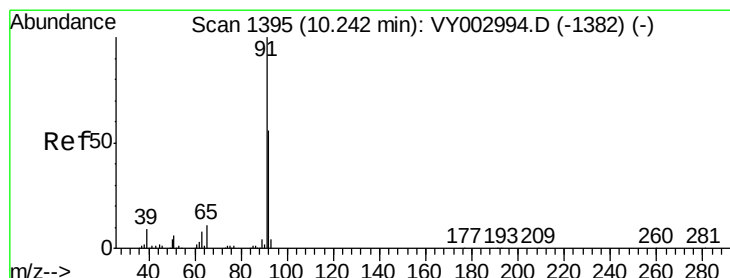
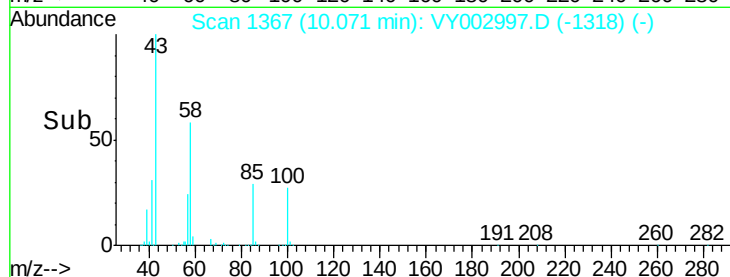
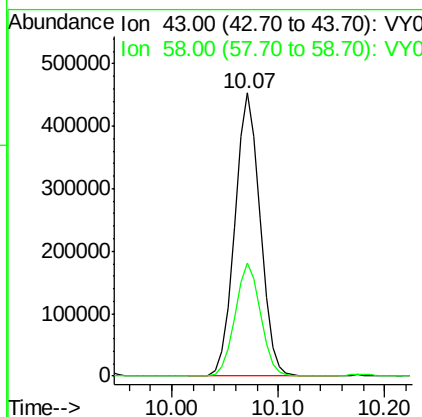
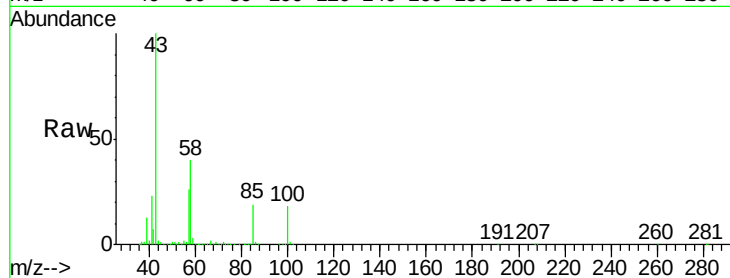
#51
4-Methyl-2-Pentanone
Concen: 233.858 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062520

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.4	47.0

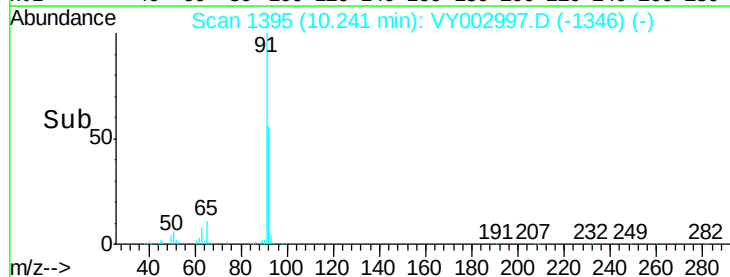
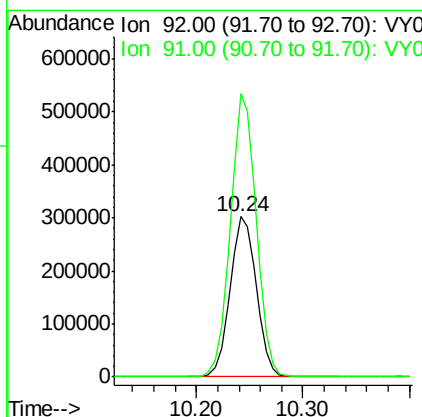
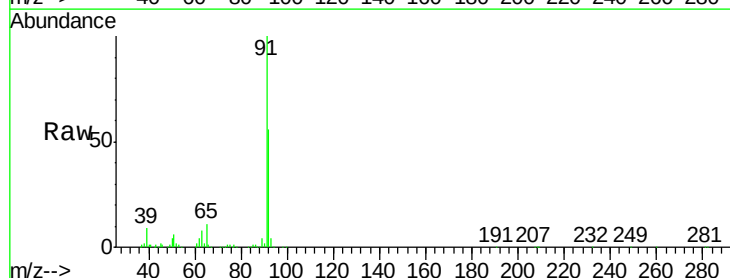
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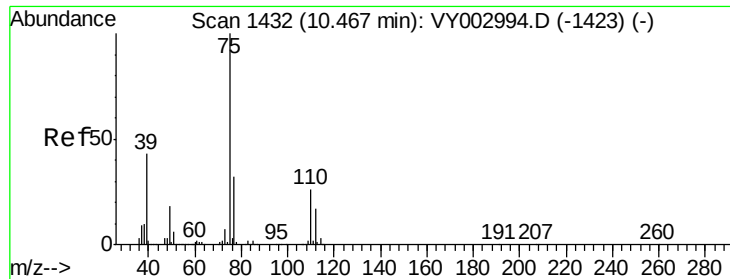
MMDadoda
6/26/2020 11:22:22 AM



#52
Toluene
Concen: 45.650 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.8	140.7	211.1





#53

t-1,3-Dichloropropene

Concen: 46.507 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY062520

Tot Ion: 75 Resp: 316287

Ion Ratio Lower Upper

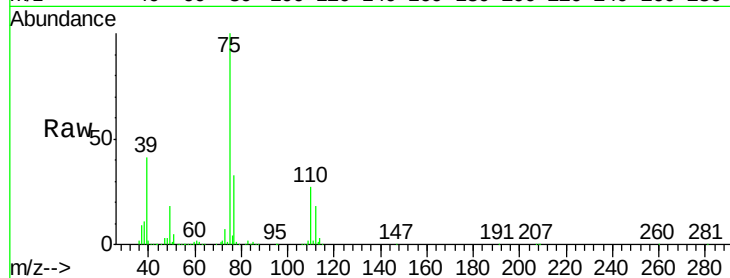
75 100

77 32.7 25.4 38.2

Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

200000

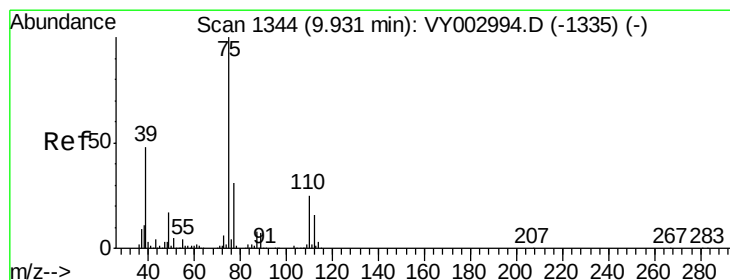
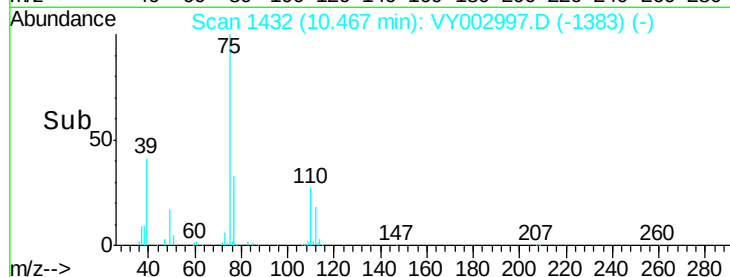
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.985 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

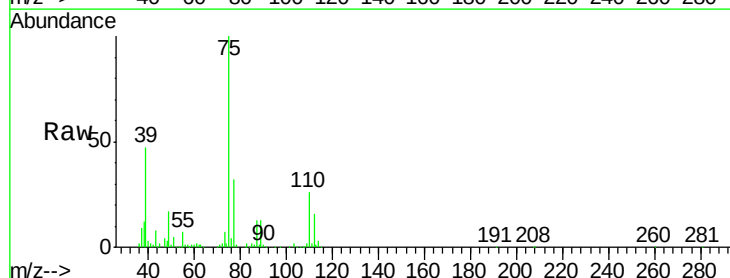
Tgt Ion: 75 Resp: 352602

Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7

39 46.8 38.4 57.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

250000

200000

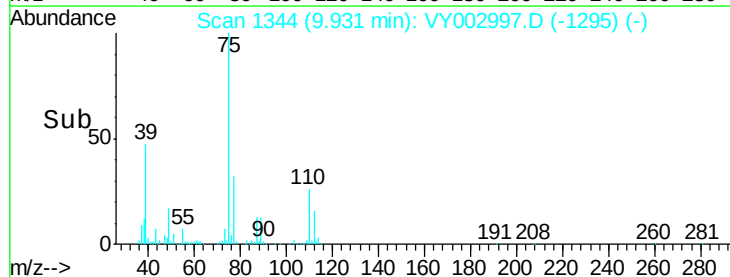
150000

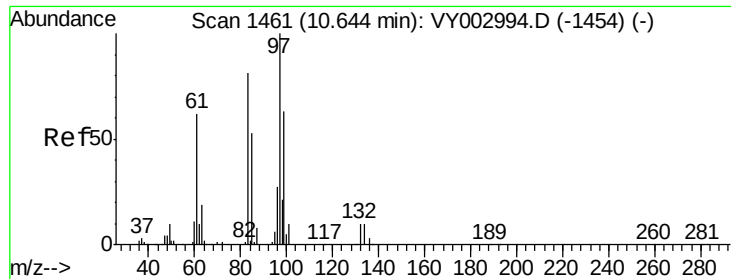
100000

50000

0

Time-->





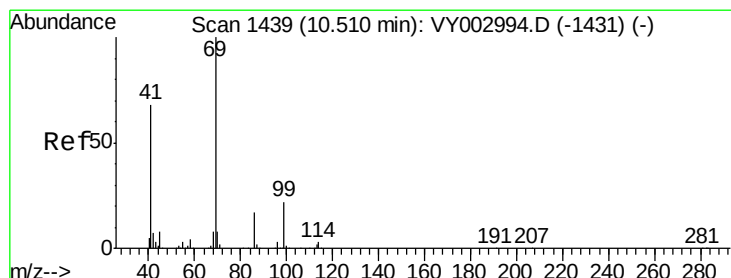
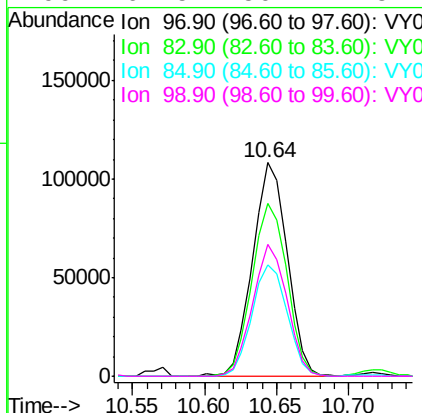
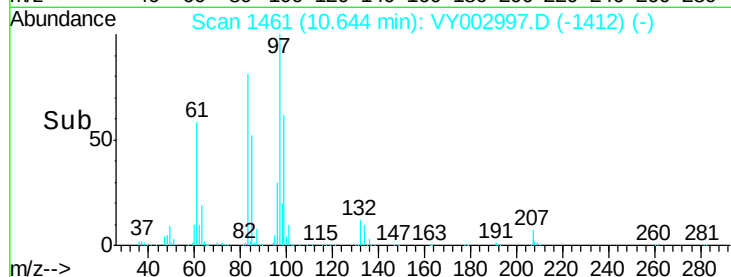
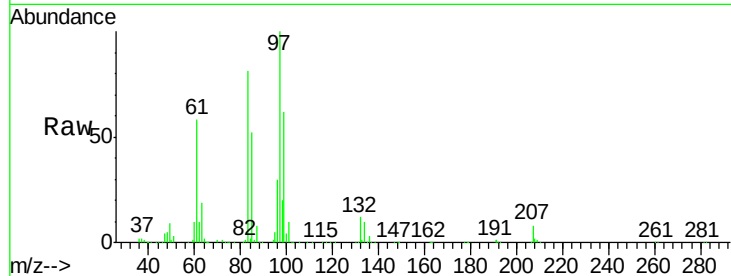
#55
 1,1,2-Trichloroethane
 Concen: 48.618 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

Tot Ion	Ratio	Lower	Upper
97	100		
83	80.9	64.6	96.8
85	52.3	42.6	63.8
99	61.5	50.1	75.1

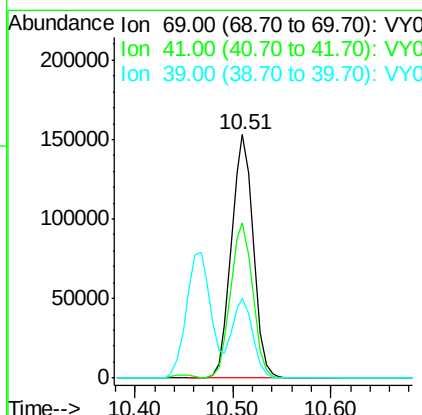
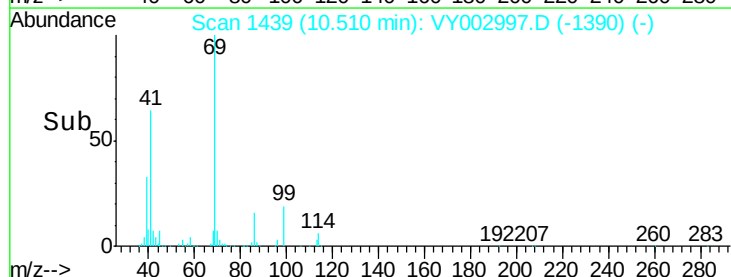
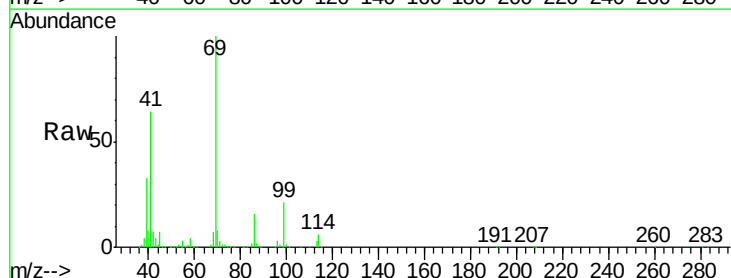
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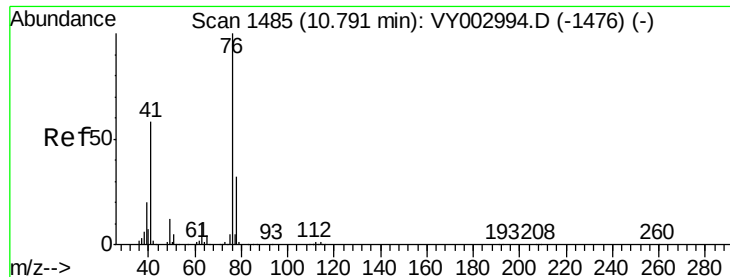
MMDadoda
 6/26/2020 11:22:22 AM



#56
 Ethyl methacrylate
 Concen: 46.465 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.1	51.4	77.0
39	30.1	24.4	36.6





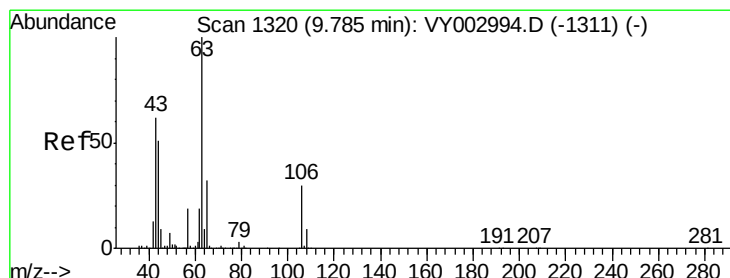
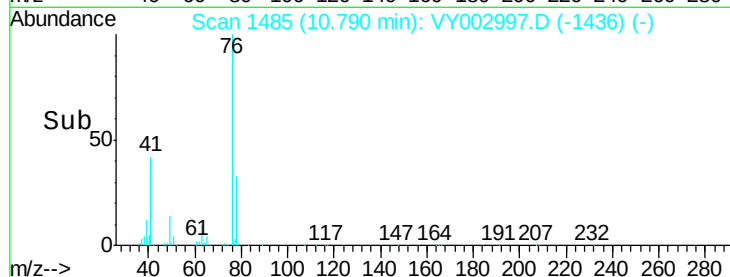
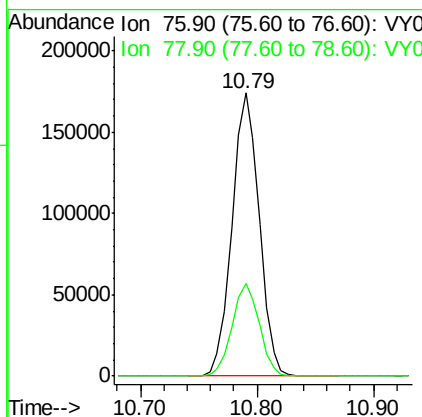
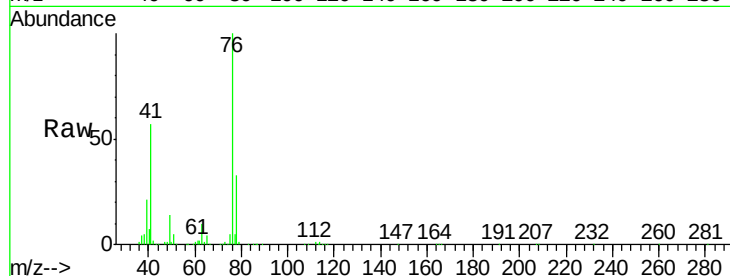
#57
 1,3-Dichloropropane
 Concen: 44.821 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.8	38.6

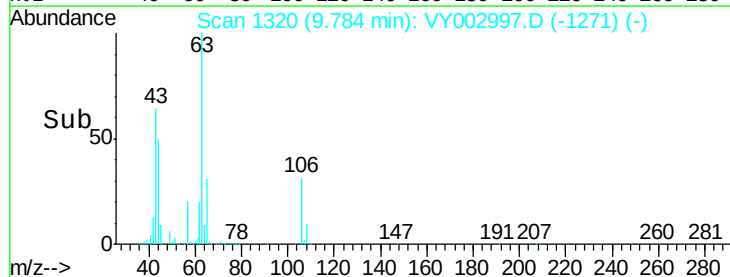
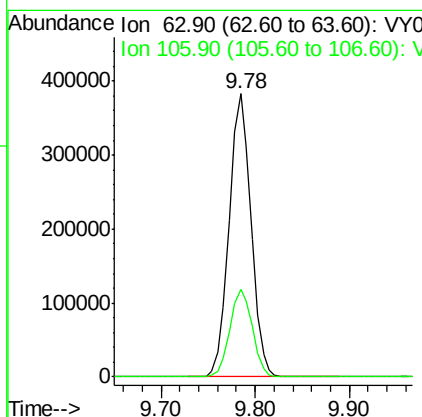
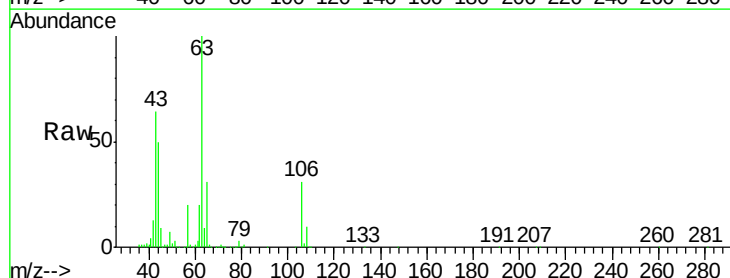
Manual Integrations
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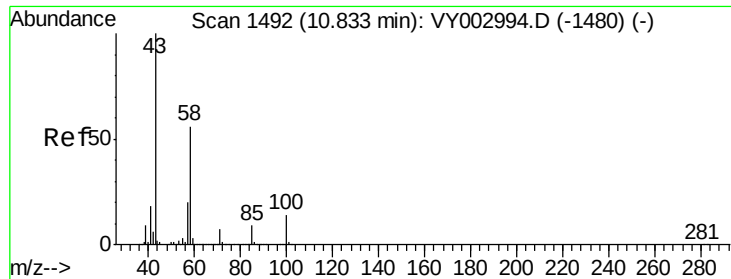
MMDadoda
 6/26/2020 11:22:22 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.108 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.5	25.3	37.9





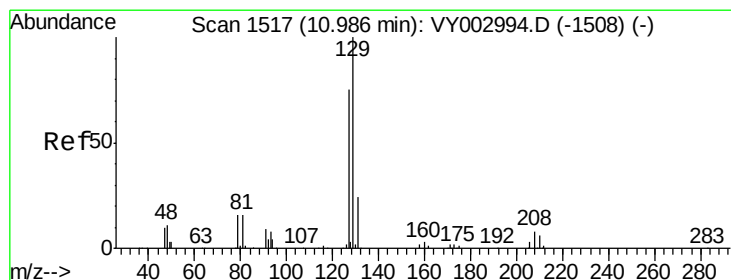
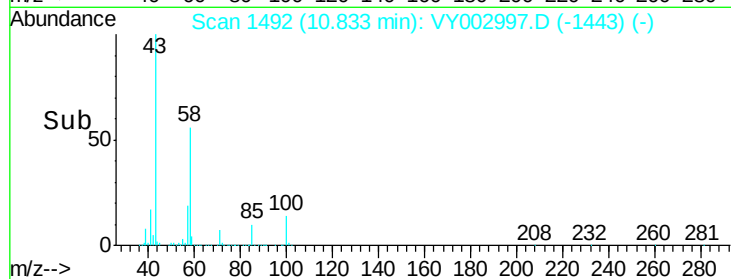
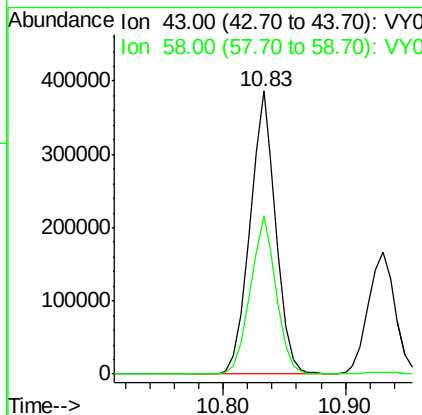
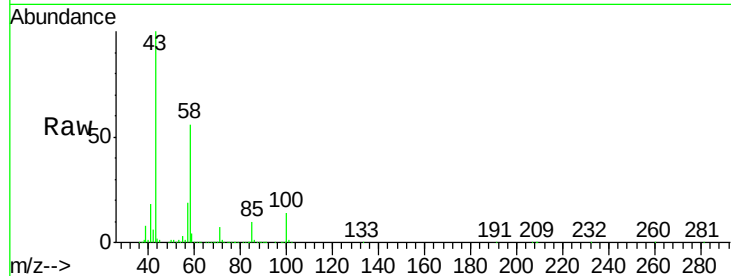
#59
2-Hexanone
Concen: 239.464 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062520

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.7	27.4	82.0

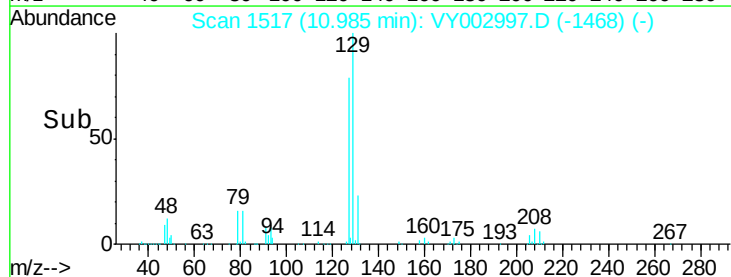
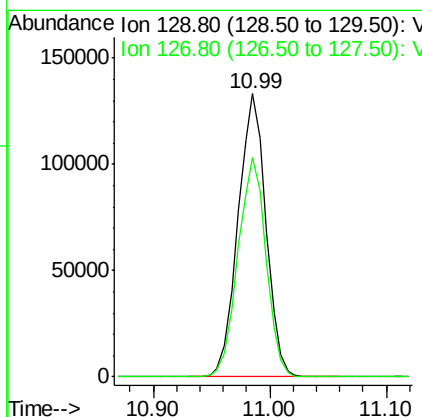
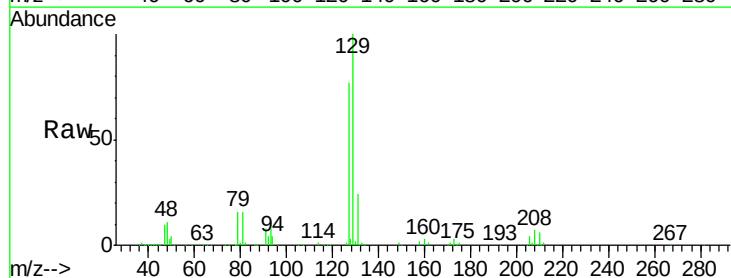
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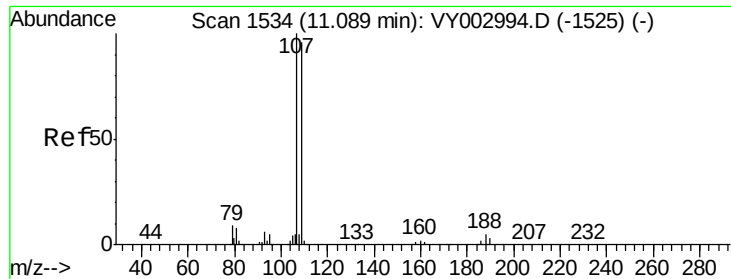
MMDadoda
6/26/2020 11:22:22 AM



#60
Dibromochloromethane
Concen: 43.467 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.3	114.8





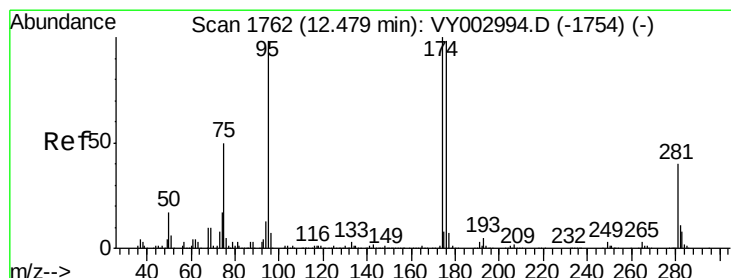
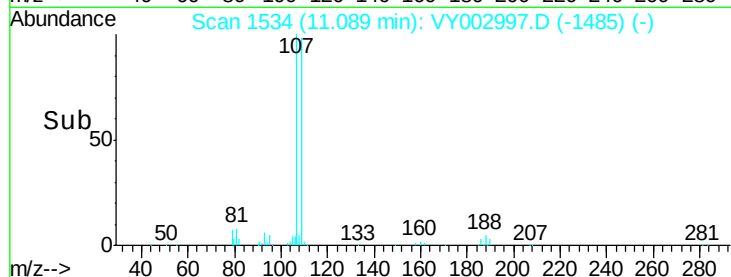
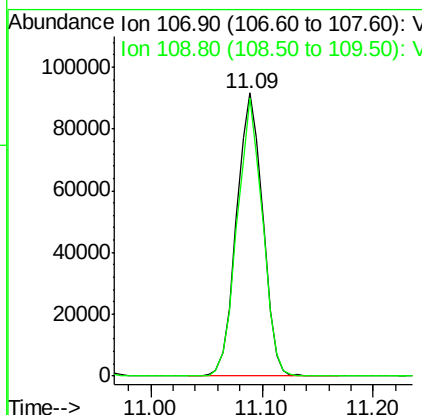
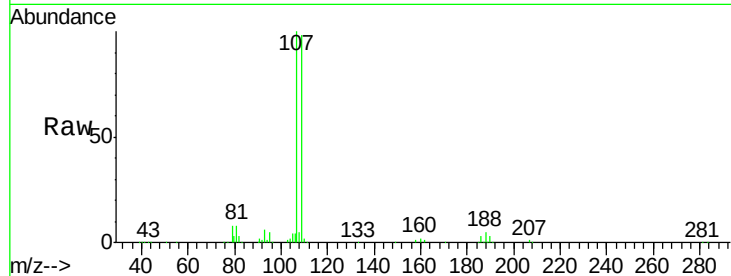
#61
 1,2-Dibromoethane
 Concen: 39.995 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

Tot Ion	Ratio	Resp	Lower	Upper
107	100	149075		
109	95.0	76.9	115.3	

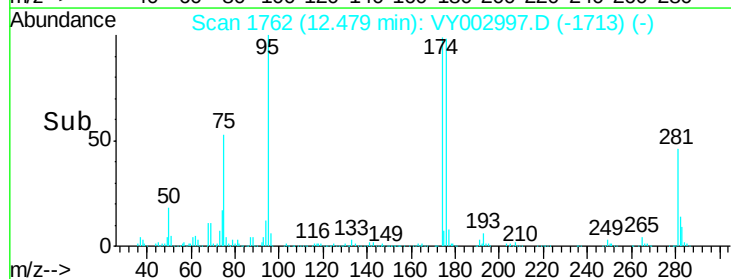
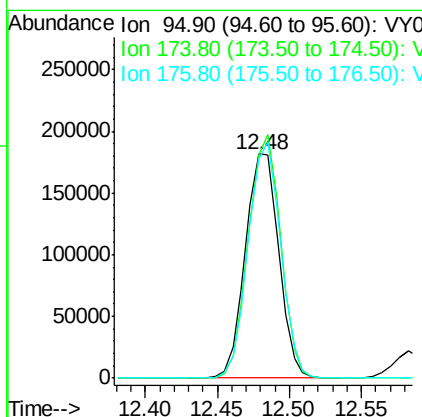
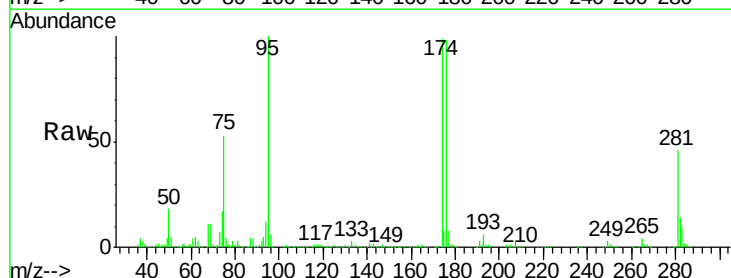
Manual Integrations
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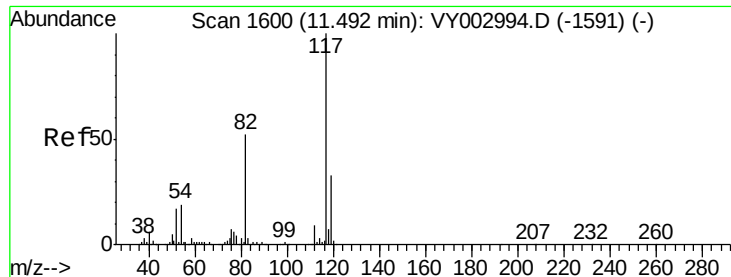
MMDadoda
 6/26/2020 11:22:22 AM



#62
 4-Bromofluorobenzene
 Concen: 48.120 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	292331		
174	104.3	0.0	209.2	
176	101.8	0.0	206.2	





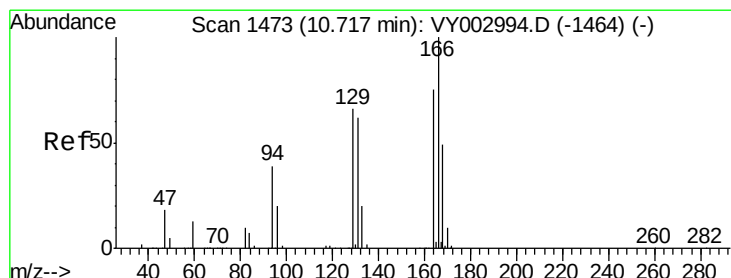
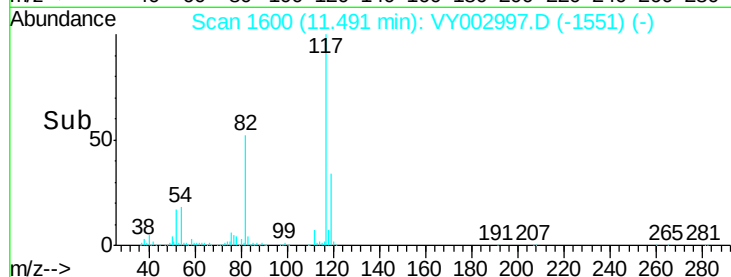
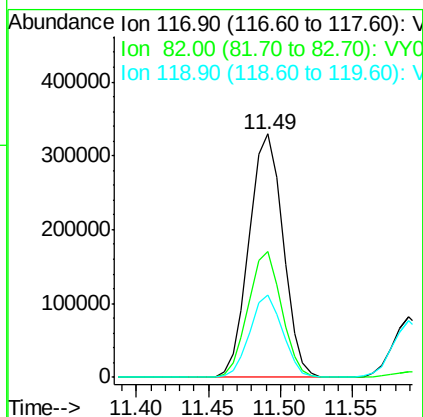
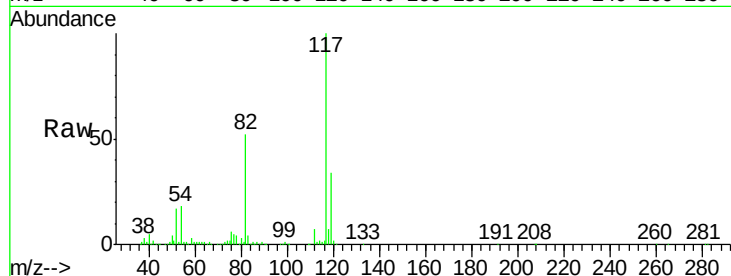
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062520

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.8	62.8
119	33.6	26.7	40.1

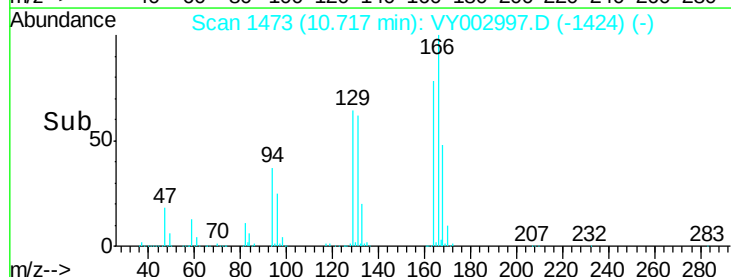
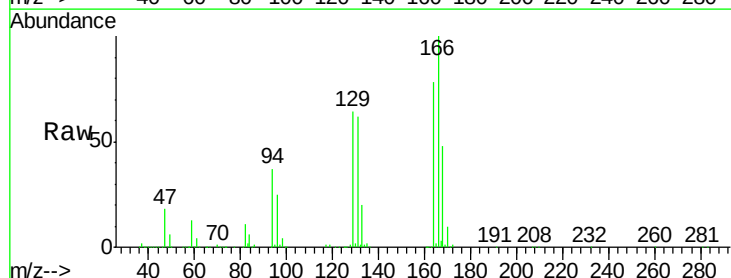
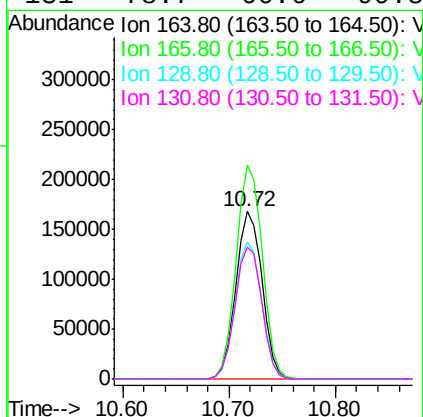
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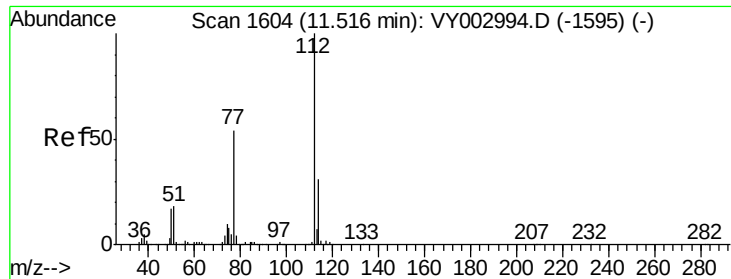
MMDadoda
6/26/2020 11:22:22 AM



#64
Tetrachloroethene
Concen: 58.394 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	106.8	160.2
129	81.6	69.9	104.9
131	78.7	66.6	99.8





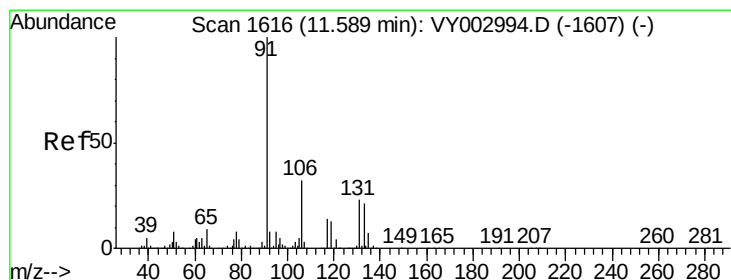
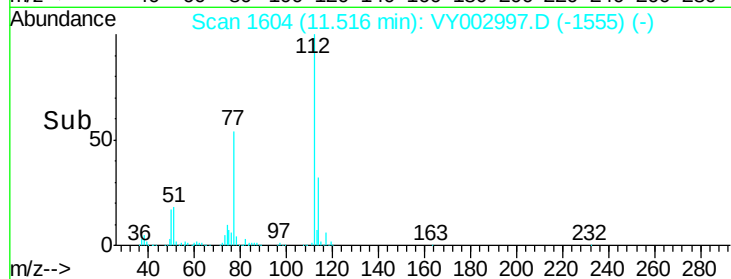
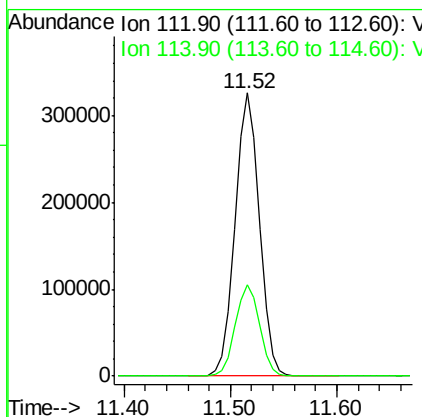
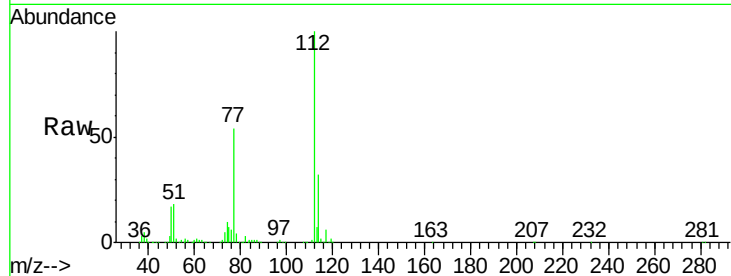
#65
Chlorobenzene
Concen: 48.858 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062520

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.0	37.4

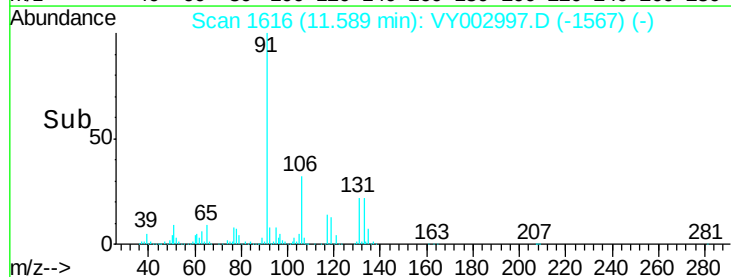
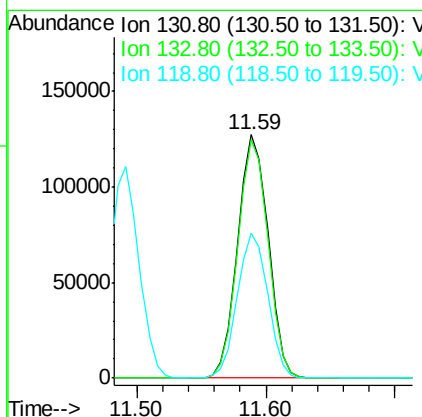
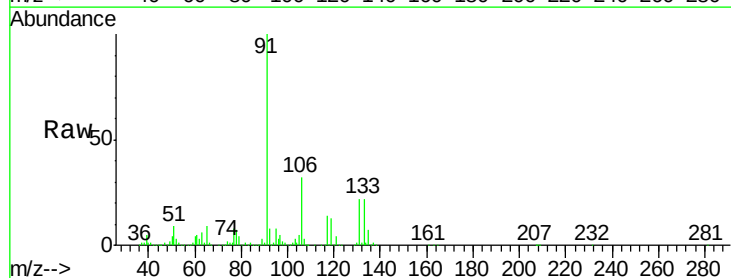
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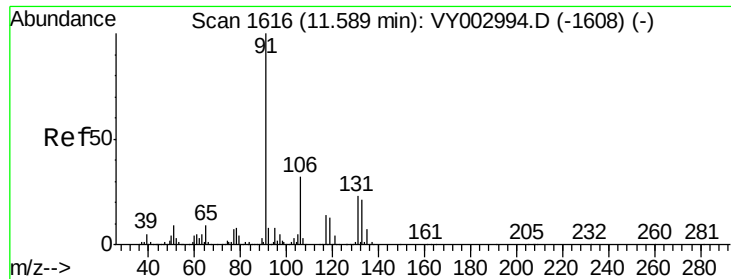
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.534 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.0	48.2	144.6
119	59.8	30.1	90.5





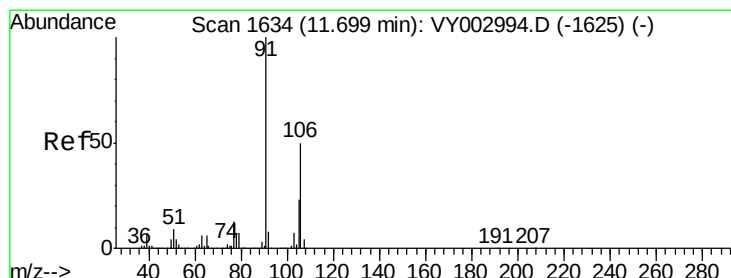
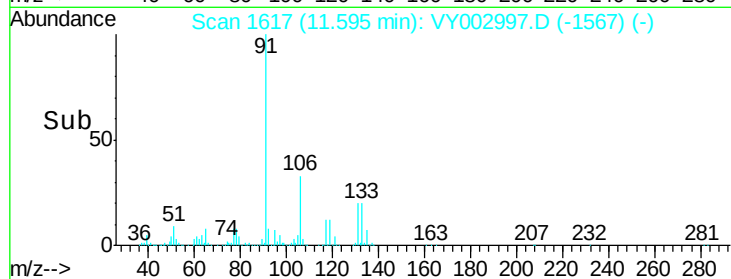
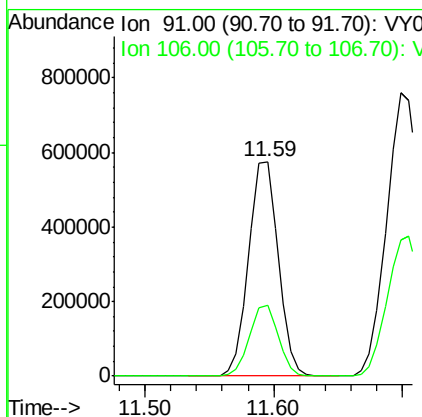
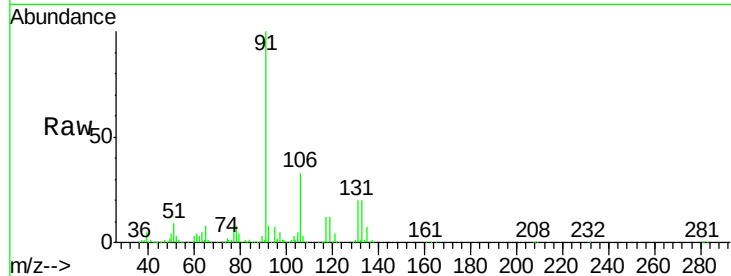
#67
Ethyl Benzene
Concen: 48.843 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062520

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.9	38.9

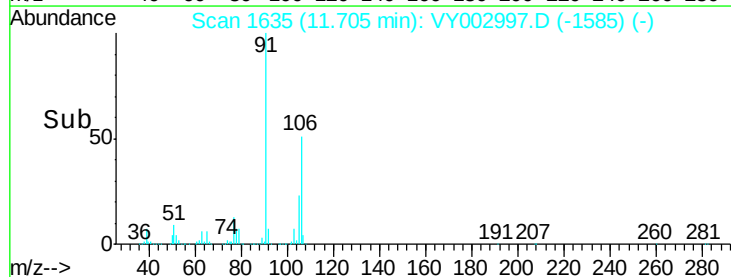
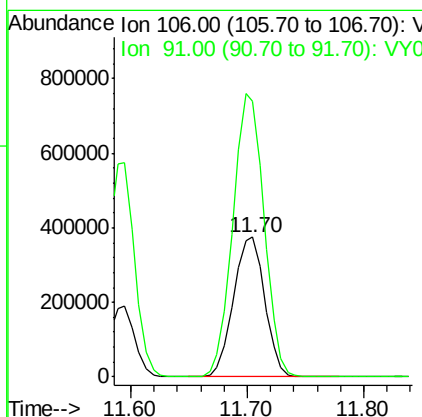
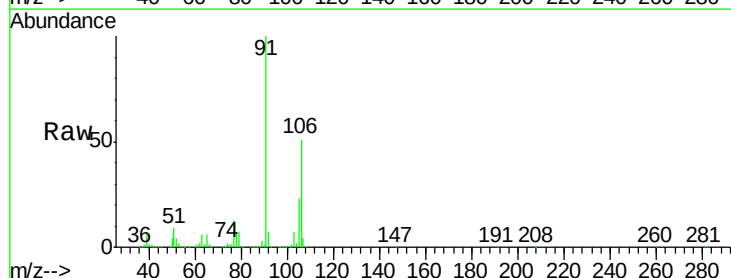
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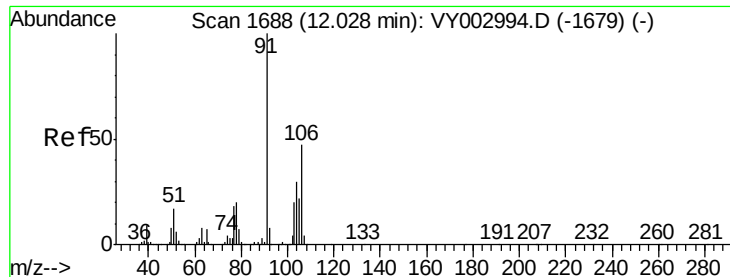
MMDadoda
6/26/2020 11:22:22 AM



#68
m/p-Xylenes
Concen: 97.591 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.4	160.0	240.0





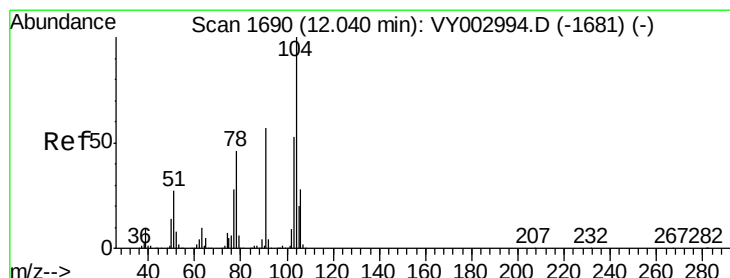
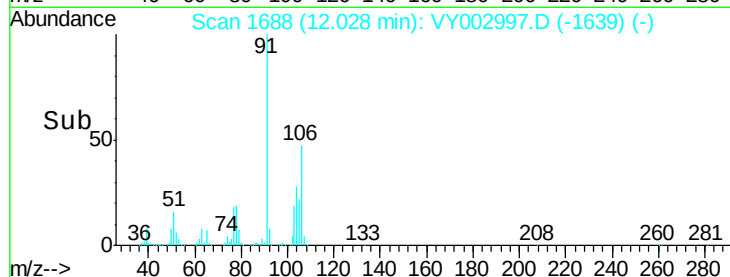
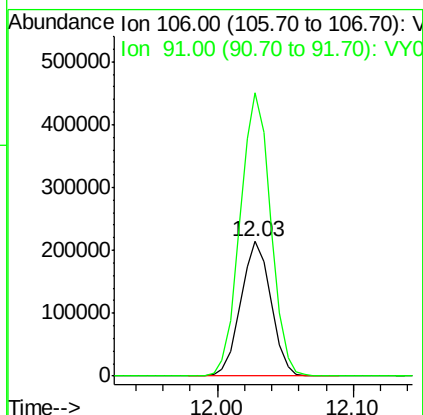
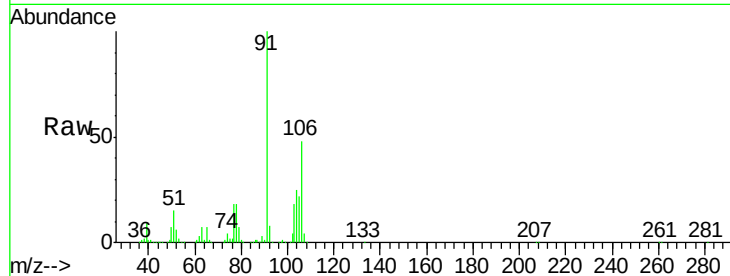
#69
o-Xylene
Concen: 48.299 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062520

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	212.2	105.8	317.3	

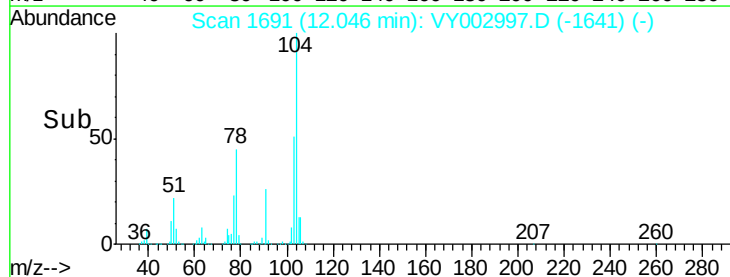
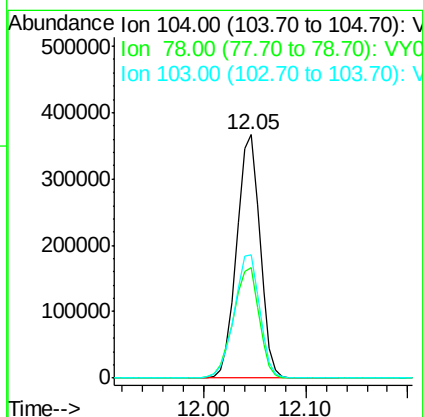
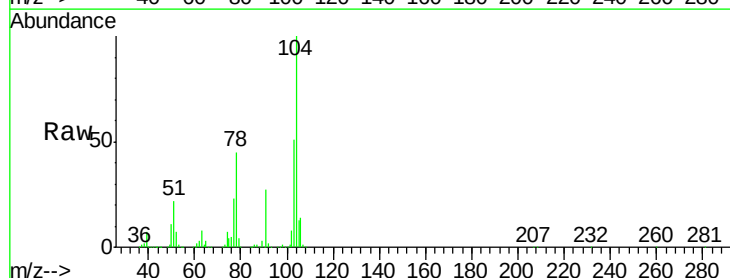
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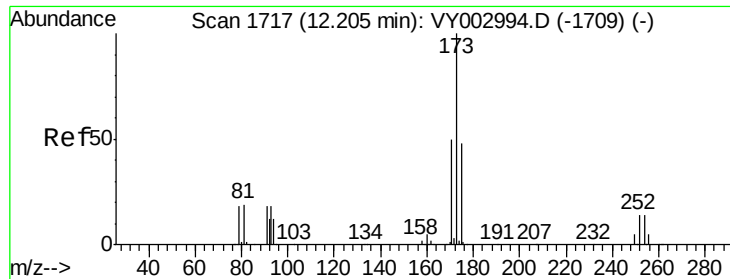
MMDadoda
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#70
Styrene
Concen: 48.998 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	50.3	40.0	60.0	
103	55.5	44.3	66.5	





#71

Bromoform

Concen: 51.281 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

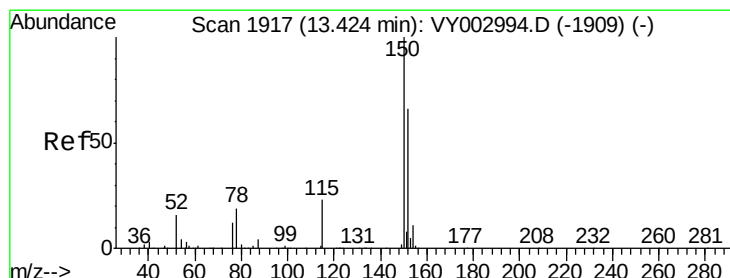
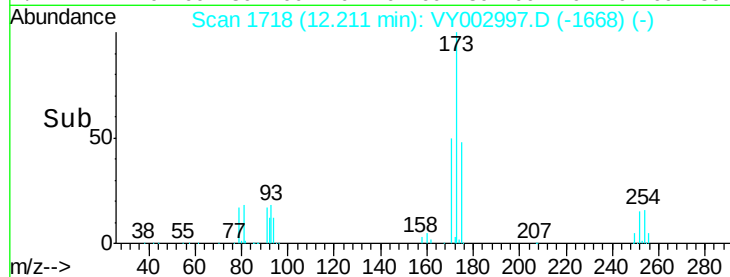
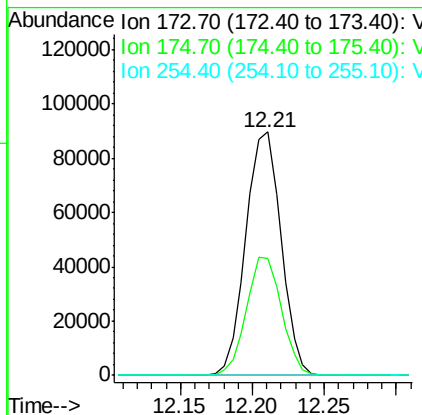
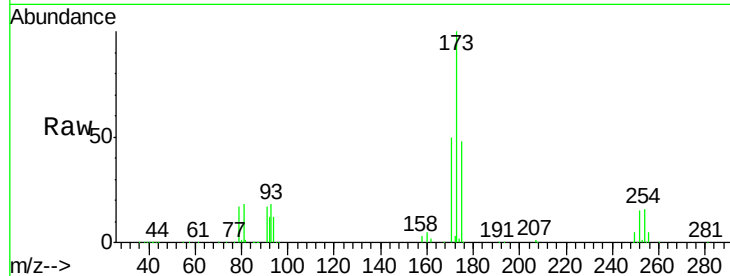
ClientSampleId :

ICVVY062520

Tot Ion:	173	Resp:	151715
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.1	72.2
254	0.4	0.2	0.4

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

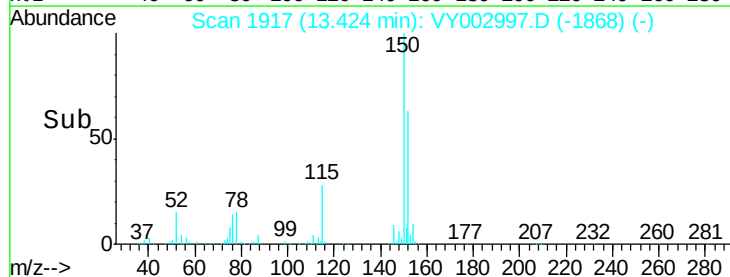
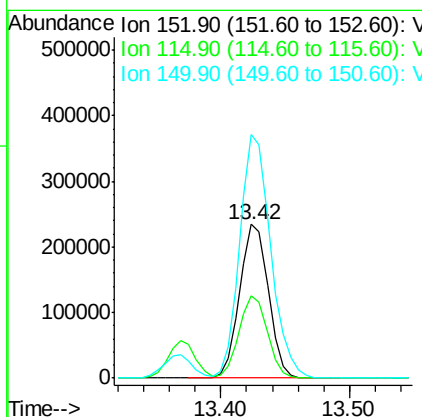
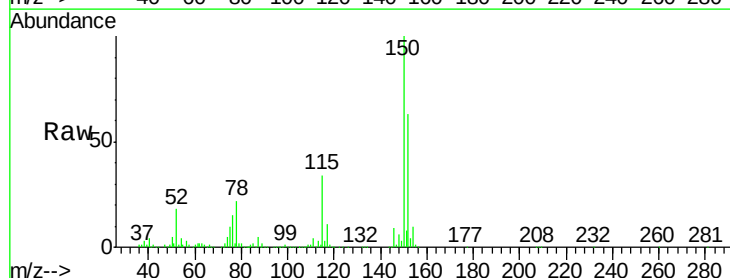
RT: 13.42 min Scan# 1917

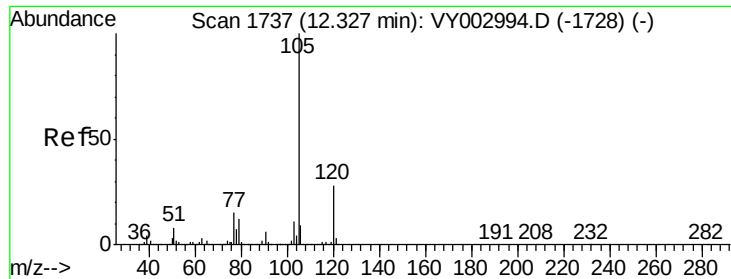
Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Tgt Ion:	152	Resp:	360622
Ion Ratio	Lower	Upper	
152	100		
115	53.0	26.3	78.8
150	171.3	0.0	346.4





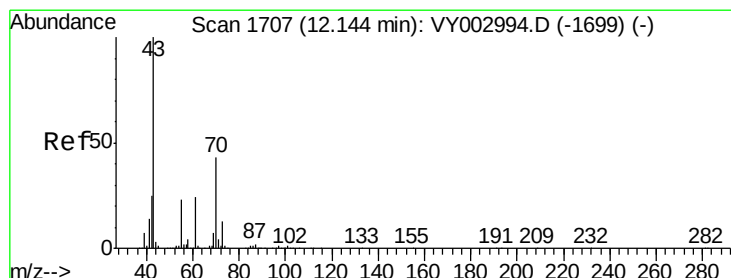
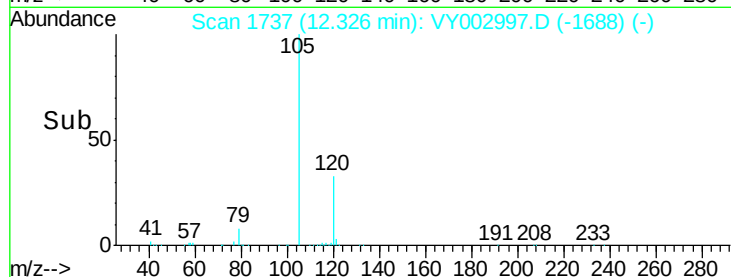
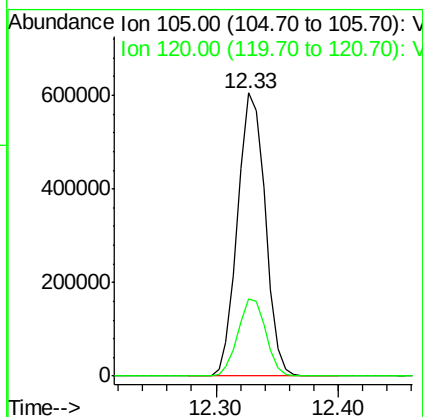
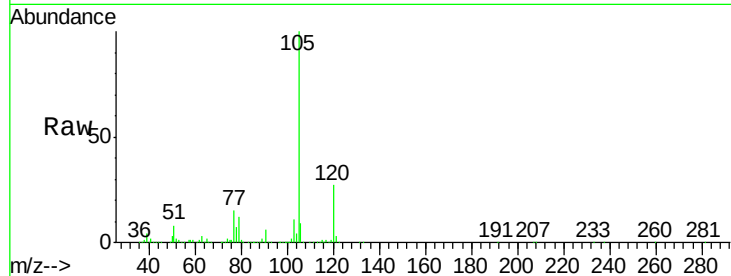
#73
Isopropylbenzene
Concen: 40.332 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062520

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.8	41.3

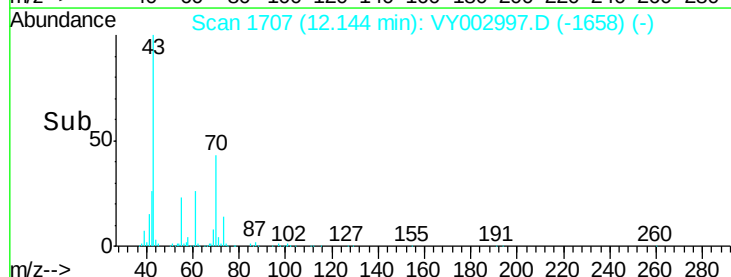
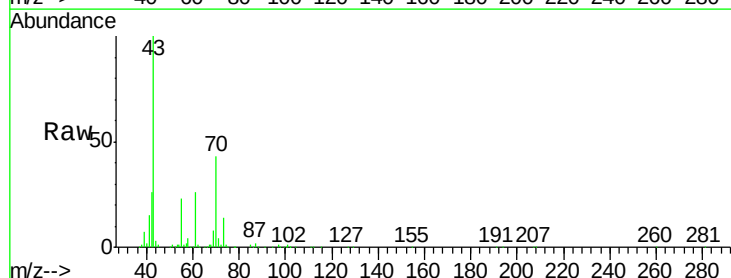
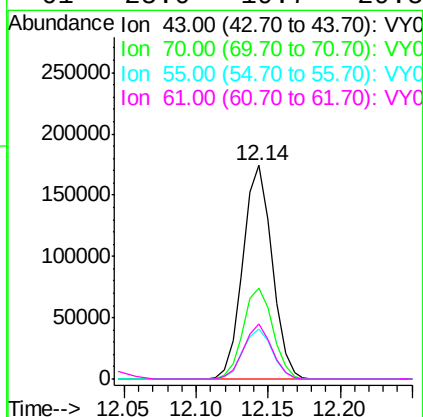
Manual Integrations
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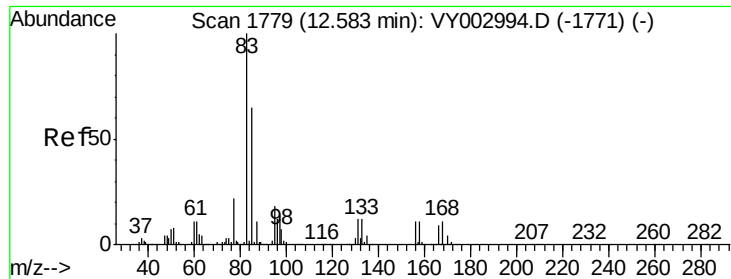
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6/26/2020 11:22:22 AM



#74
N-ethyl acetate
Concen: 38.659 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.4	34.4	51.6
55	23.7	18.8	28.2
61	25.0	19.7	29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 44.960 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

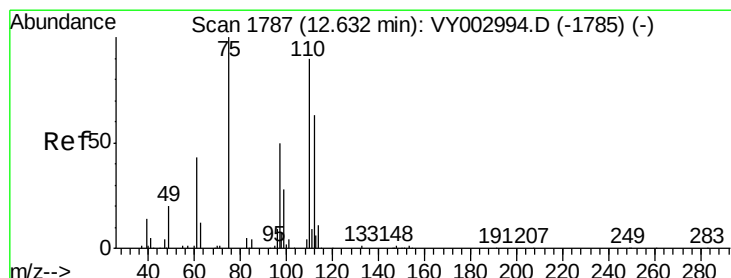
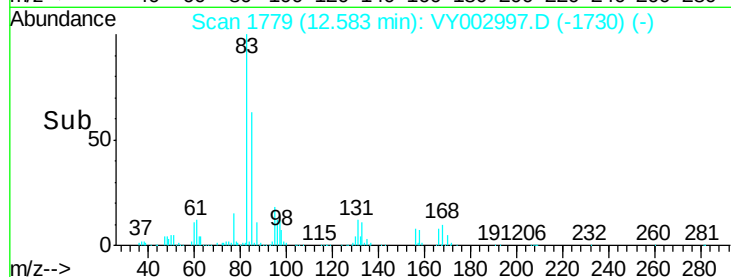
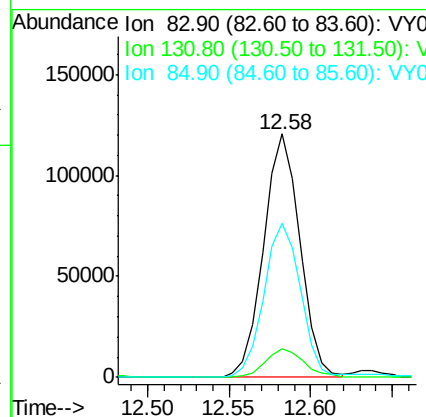
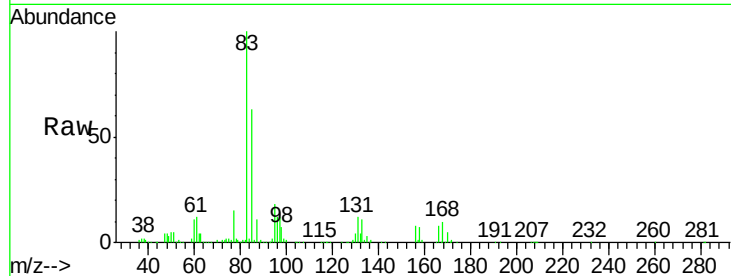
ClientSampleId :

ICVY062520

Tot Ion:	83	Resp:	187446
Ion Ratio	Lower	Upper	
83	100		
131	12.5	6.3	18.8
85	63.6	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 46.402 ug/l m

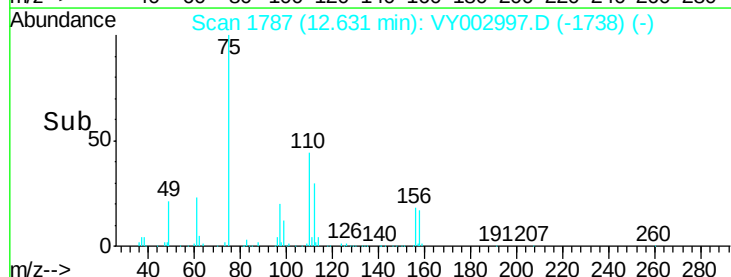
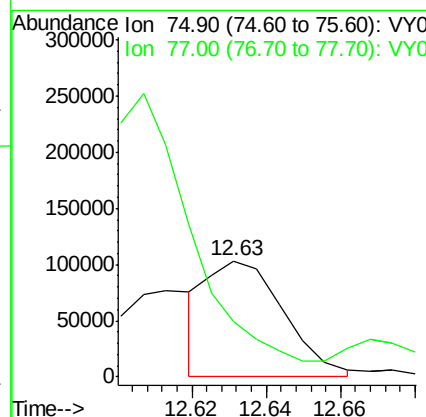
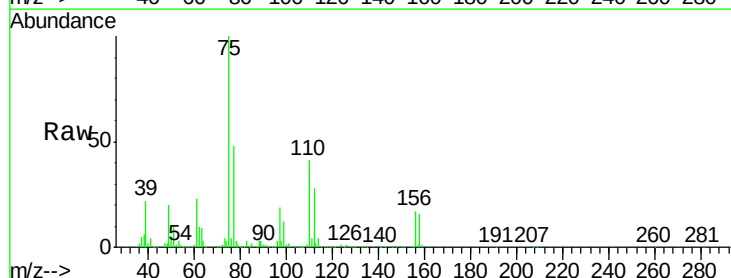
RT: 12.63 min Scan# 1787

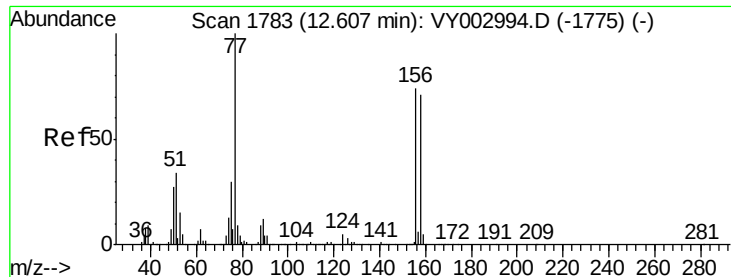
Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Tgt Ion:	75	Resp:	149024
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 44.440 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

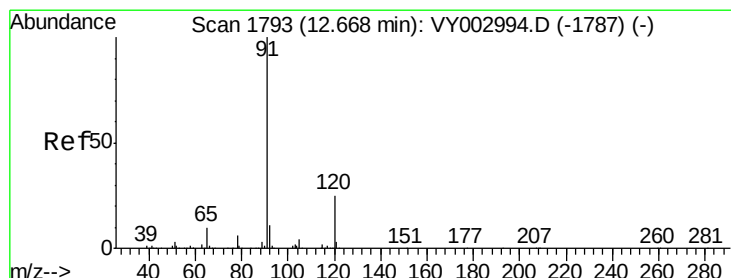
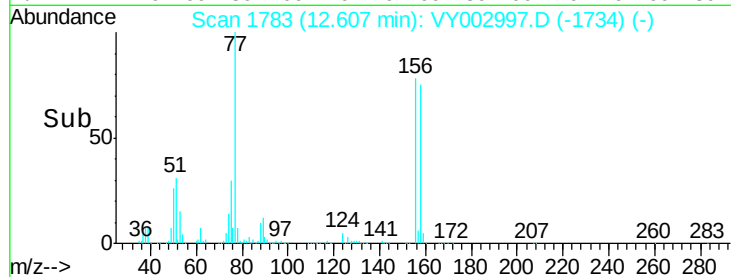
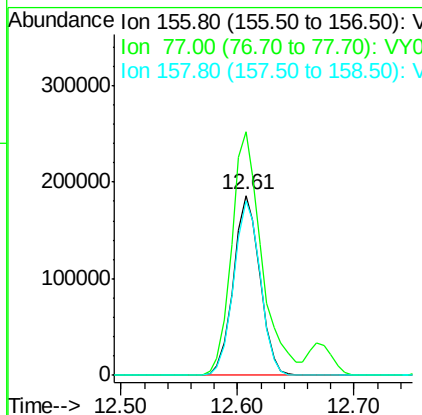
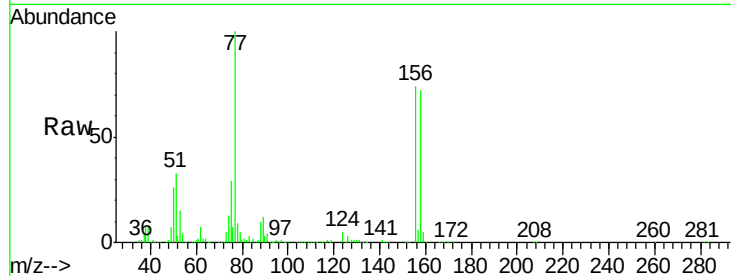
ClientSampleId :

ICVVY062520

Tot Ion:	156	Resp:	293242
Ion Ratio	Lower	Upper	
156	100		
77	153.6	77.3	231.9
158	97.8	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 46.954 ug/l

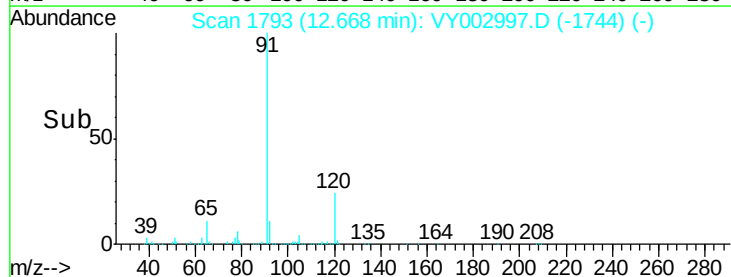
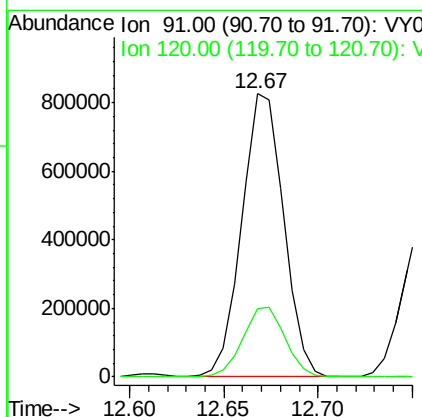
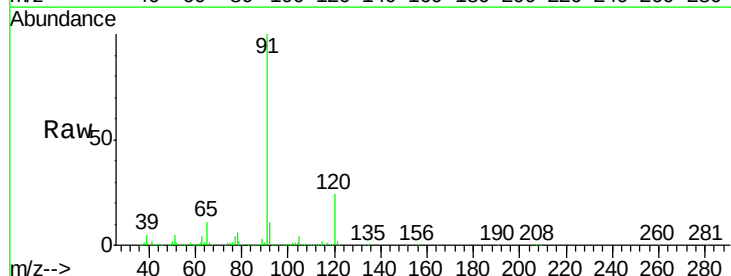
RT: 12.67 min Scan# 1793

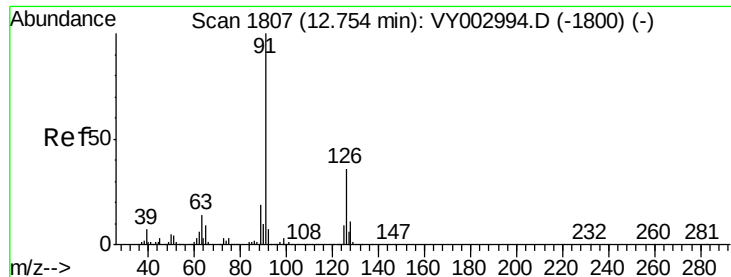
Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Tgt Ion:	91	Resp:	1270803
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.4	37.4





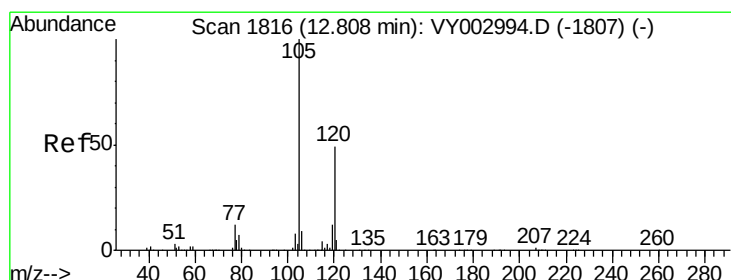
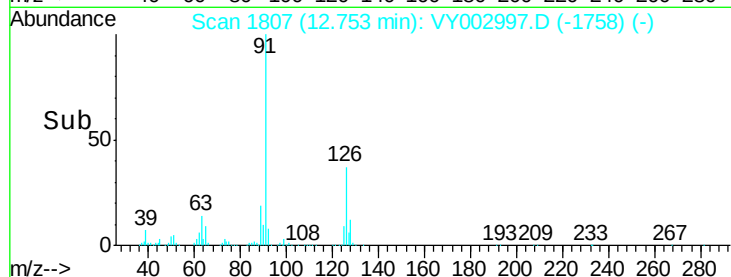
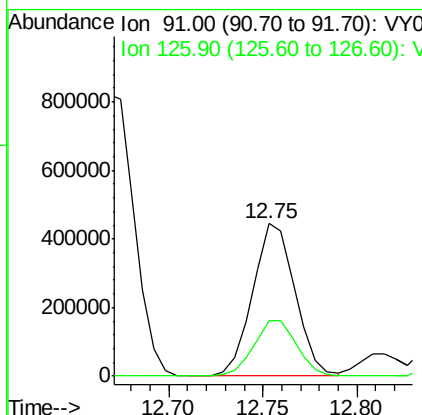
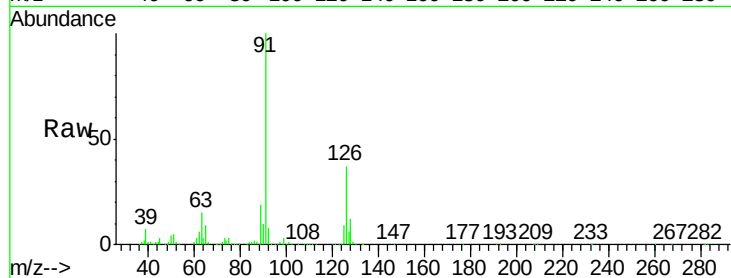
#79
2-Chlorotoluene
Concen: 45.095 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062520

Tot Ion: 91 Resp: 695848
Ion Ratio Lower Upper
91 100
126 37.1 18.4 55.0

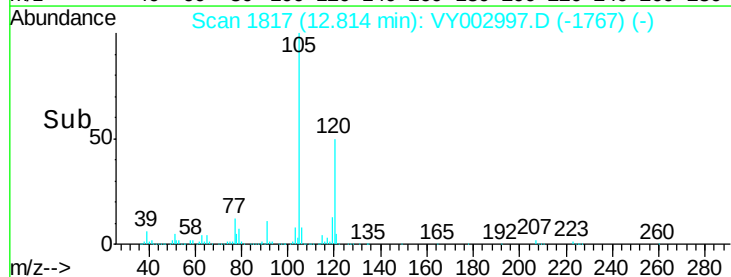
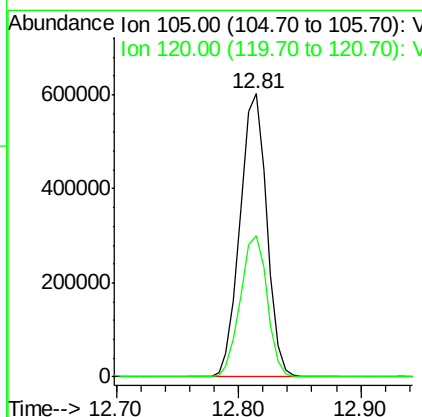
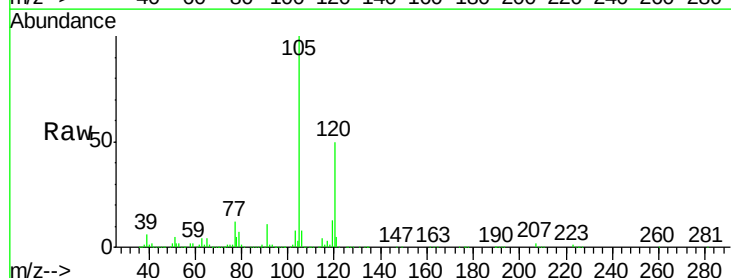
Manual Integrations
APPROVED

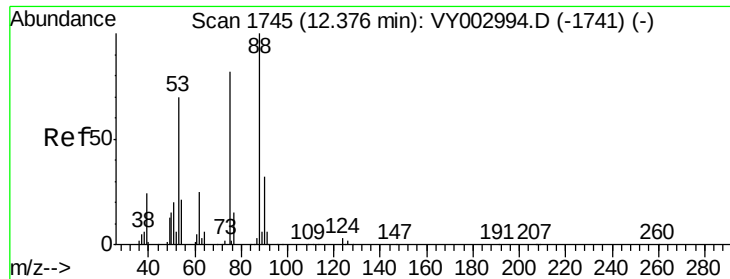
MMDadoda
6/26/2020 11:22:22 AM



#80
1,3,5-Trimethylbenzene
Concen: 43.964 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion: 105 Resp: 909771
Ion Ratio Lower Upper
105 100
120 50.2 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 41.454 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

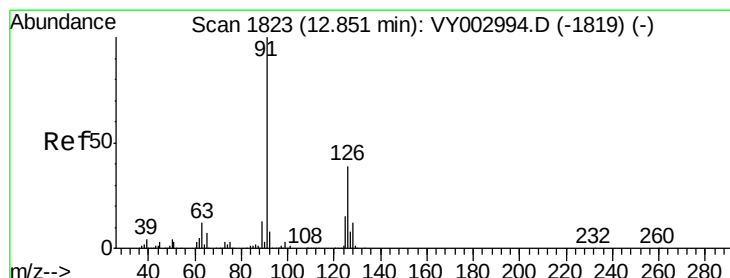
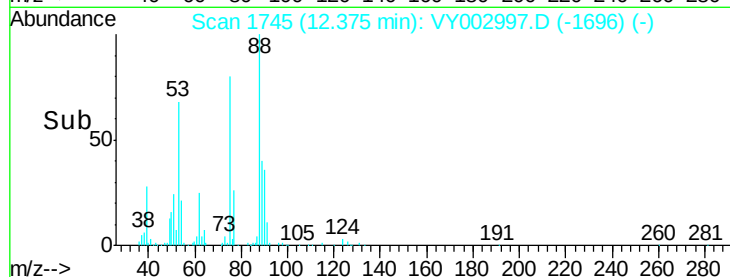
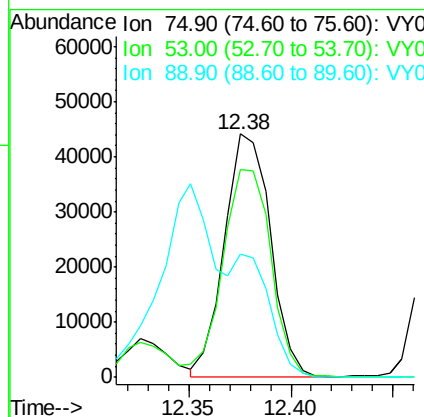
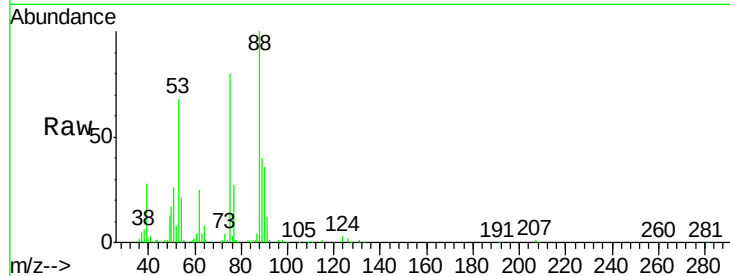
ClientSampleId :

ICVY062520

Tot Ion:	75	Resp:	68659
Ion	Ratio	Lower	Upper
75	100		
53	90.6	72.2	108.4
89	0.0	35.0	52.4#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 46.028 ug/l

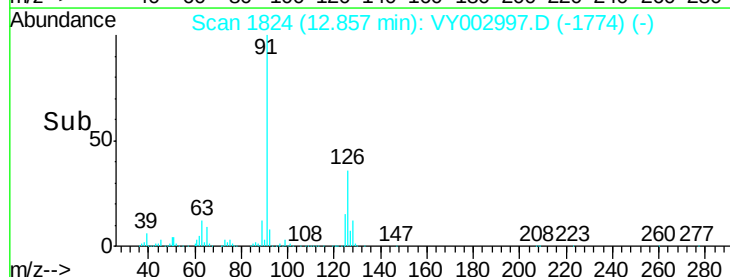
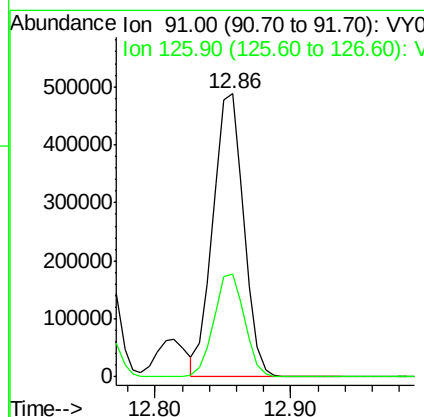
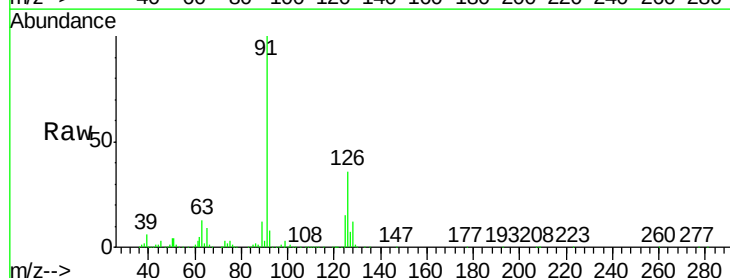
RT: 12.86 min Scan# 1824

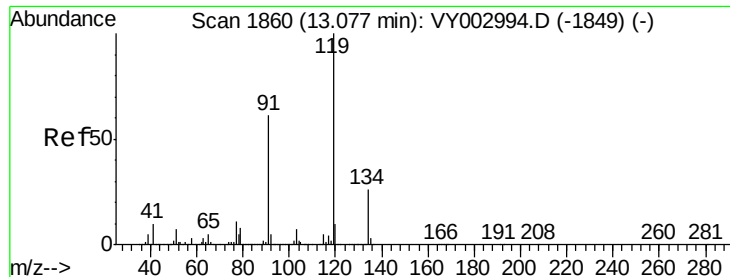
Delta R.T. 0.01 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Tgt Ion:	91	Resp:	760547
Ion	Ratio	Lower	Upper
91	100		
126	36.5	18.4	55.2





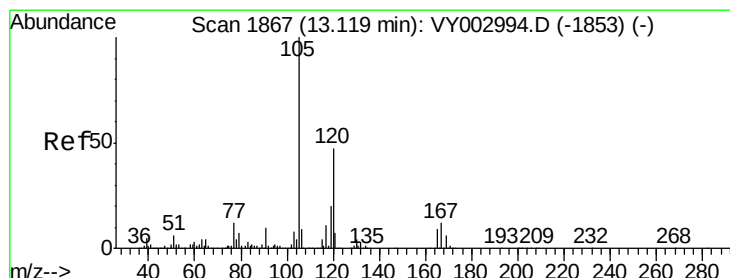
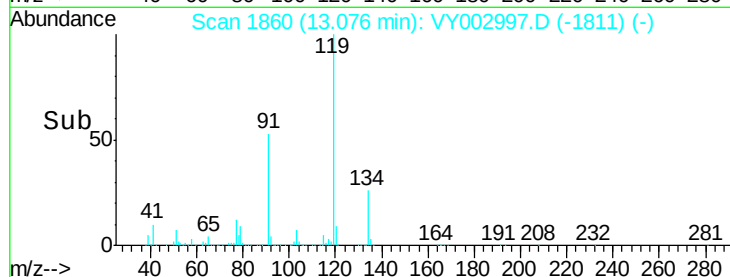
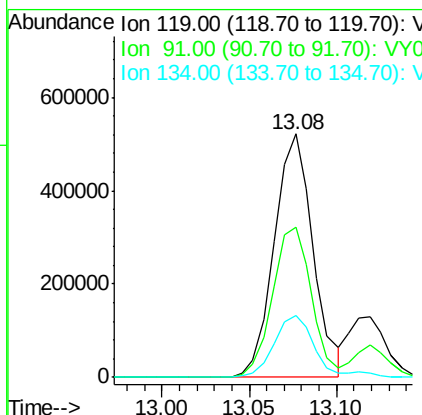
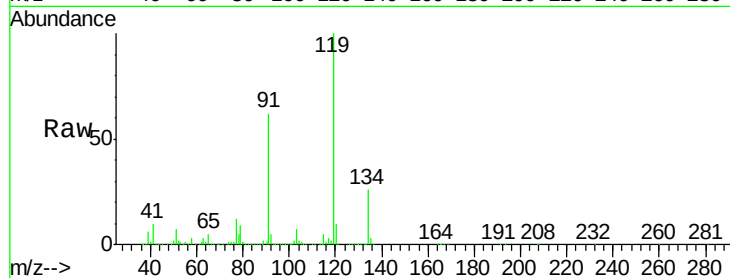
#83
tert-Butylbenzene
Concen: 44.371 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY062520

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.9	31.4	94.2
134	27.1	13.4	40.1

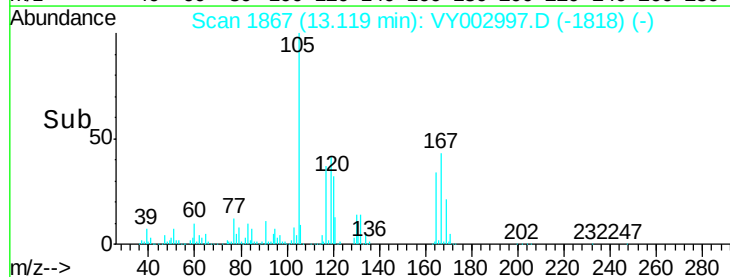
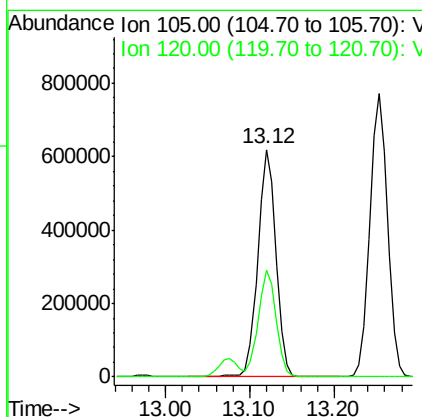
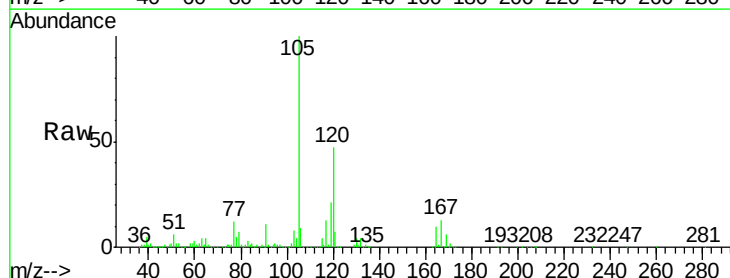
Manual Integrations
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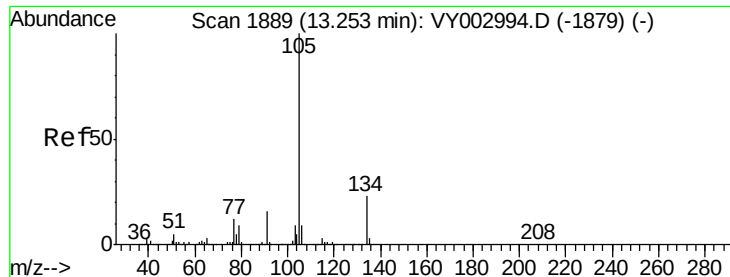
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 44.606 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.2





#85

sec-Butylbenzene

Concen: 48.909 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

Instrument :

MSVOA_Y

ClientSampleId :

ICVY062520

Tot Ion:105 Resp: 1126825

Ion Ratio Lower Upper

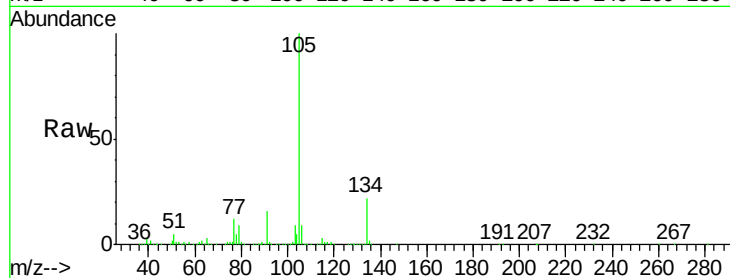
105 100

134 22.0 11.1 33.3

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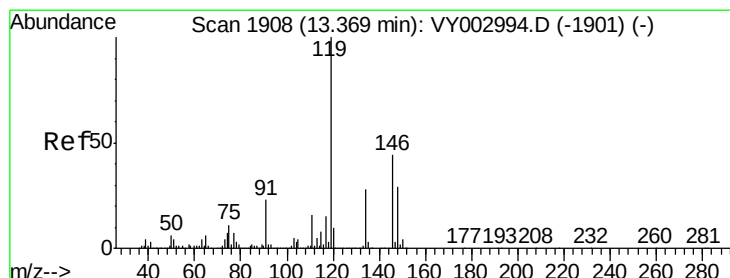
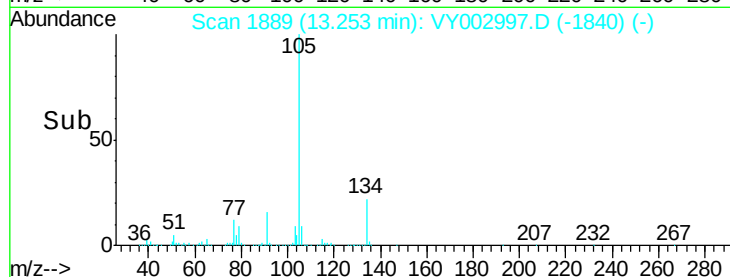
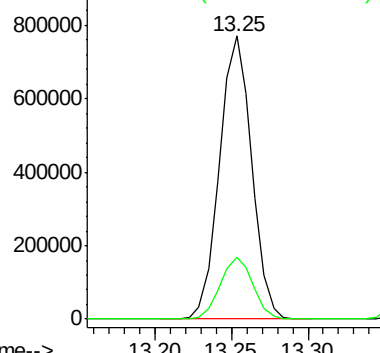
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.747 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002997.D

Acq: 25 Jun 2020 15:02

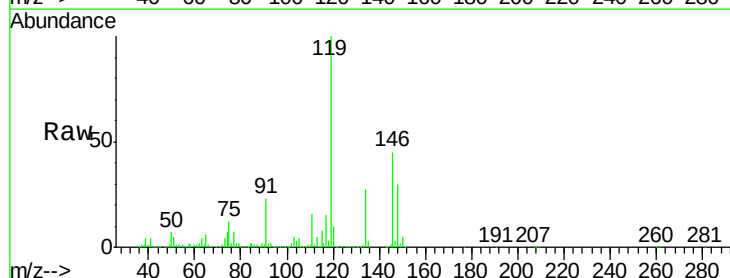
Tgt Ion:119 Resp: 1058669

Ion Ratio Lower Upper

119 100

134 27.4 13.8 41.4

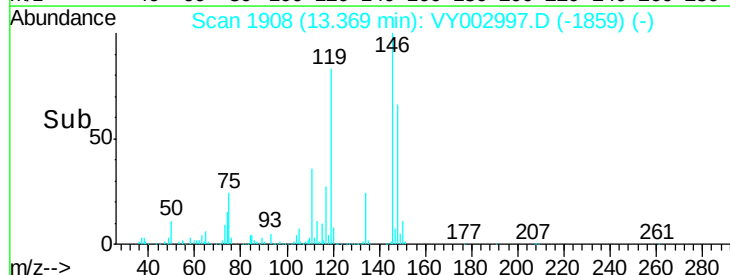
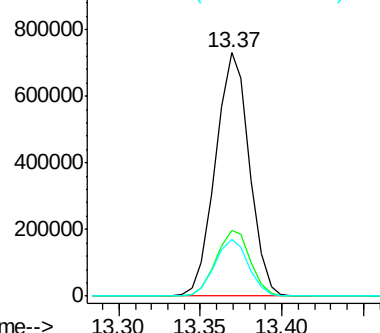
91 23.2 11.7 35.0

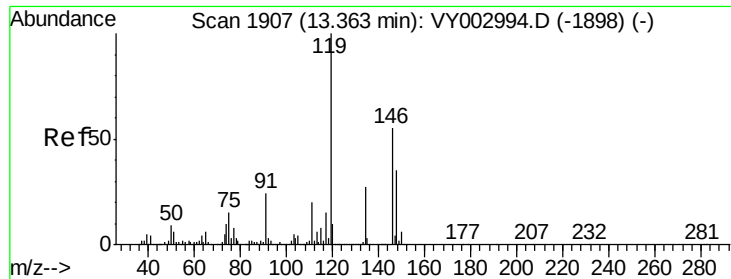


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





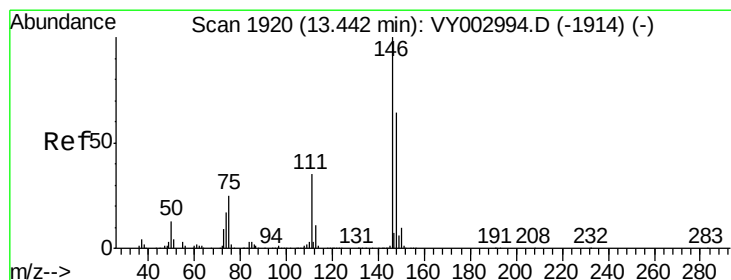
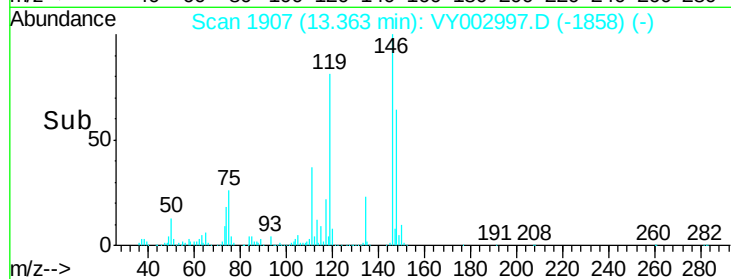
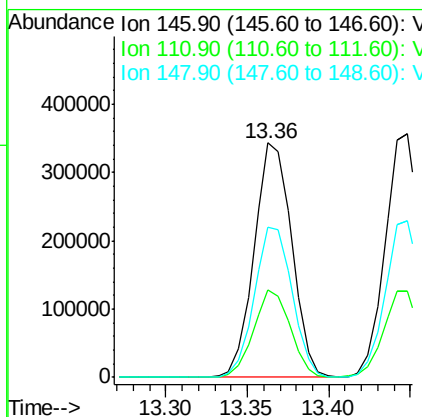
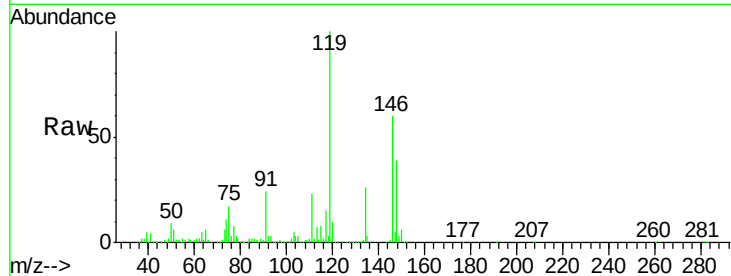
#87
 1,3-Dichlorobenzene
 Concen: 47.797 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

Tot Ion	Ratio	Resp	Lower	Upper
146	100	548370		
111	36.4	18.4	55.2	
148	64.6	32.2	96.6	

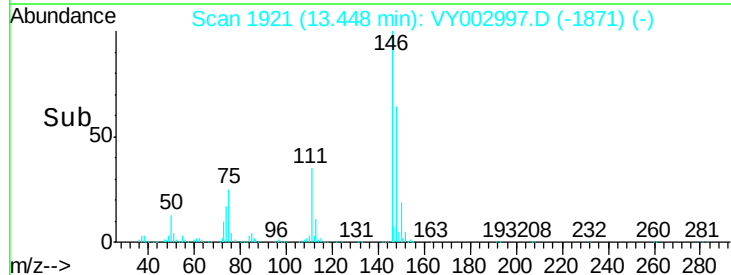
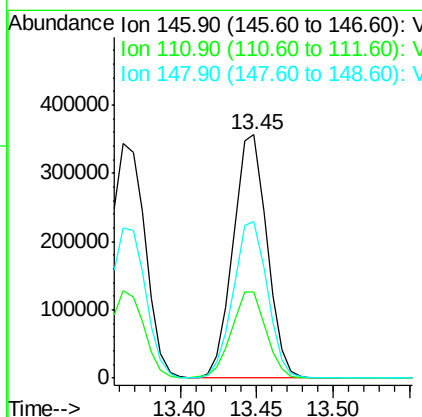
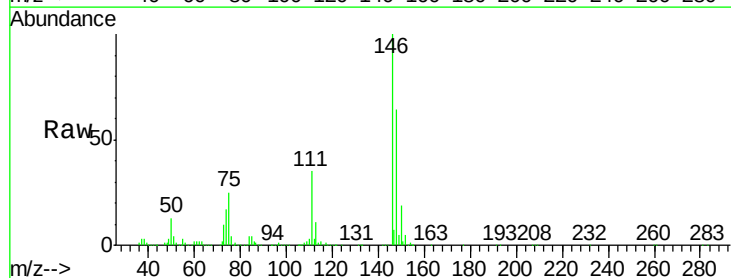
Manual Integrations
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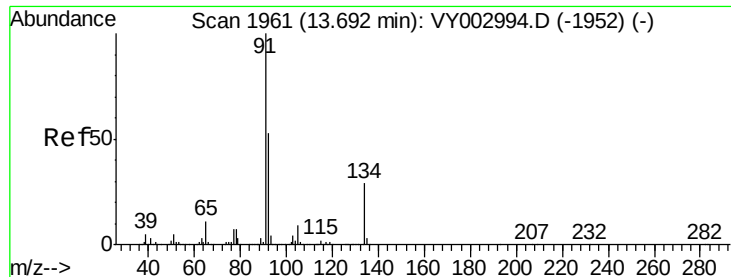
MMDadoda
 6/26/2020 11:22:22 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.717 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	549004		
111	35.7	17.8	53.4	
148	64.6	32.3	96.8	





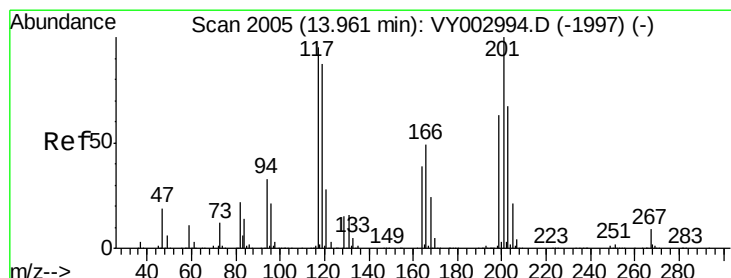
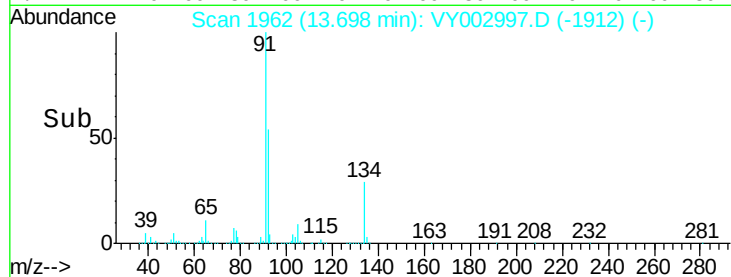
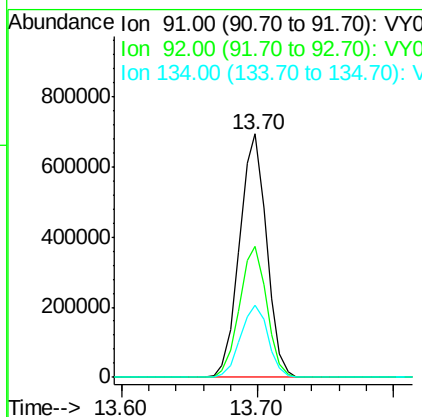
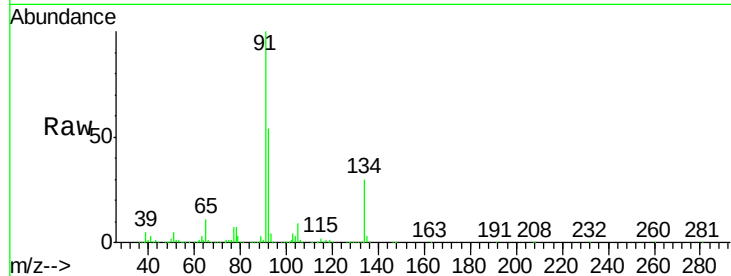
#89
n-Butylbenzene
Concen: 51.357 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062520

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.2	81.6
134	30.1	14.9	44.7

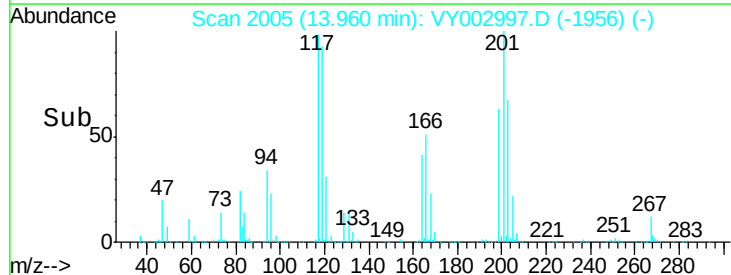
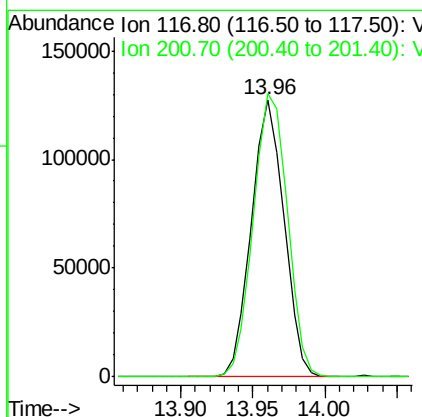
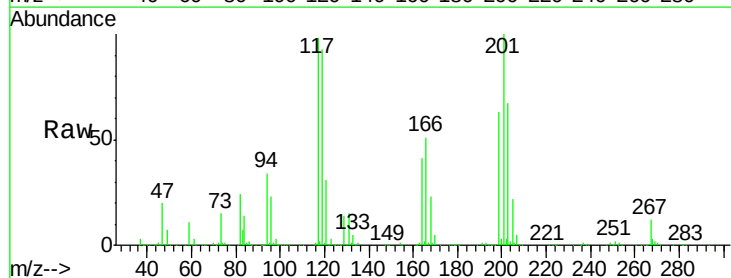
Manual Integrations
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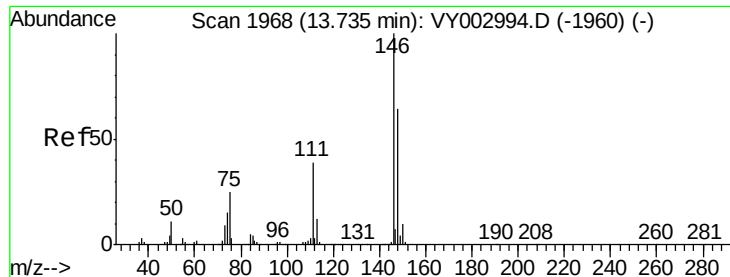
MMDadoda
6/26/2020 11:22:22 AM



#90
Hexachloroethane
Concen: 50.850 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	106.6	53.8	161.5





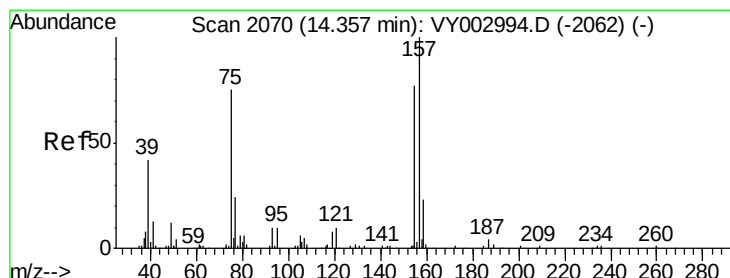
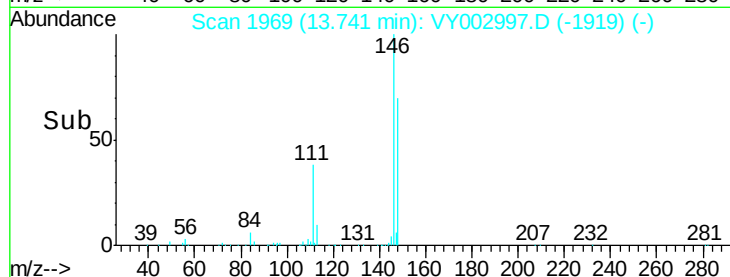
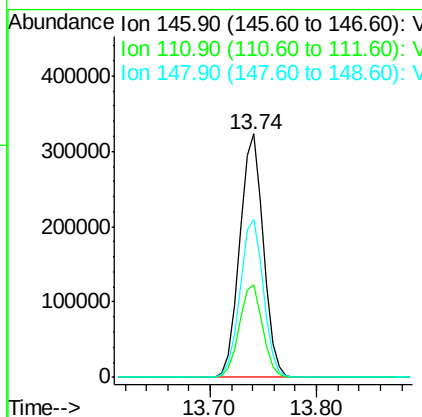
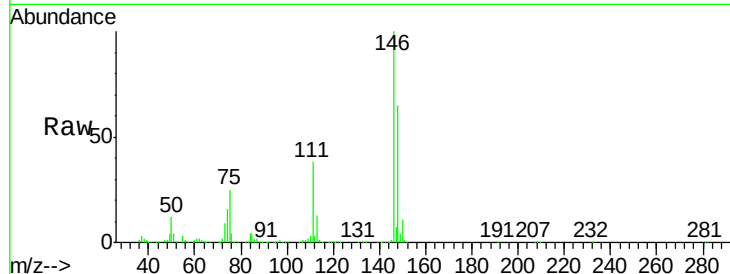
#91
 1,2-Dichlorobenzene
 Concen: 49.785 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	64.6	31.8	95.4

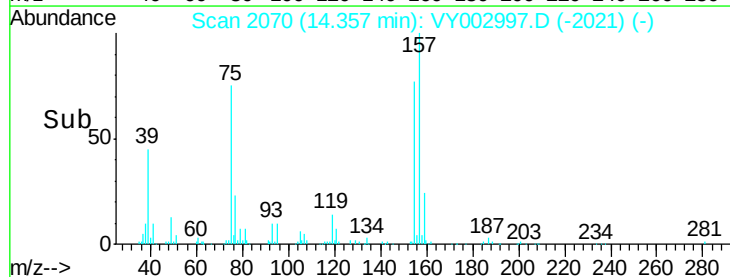
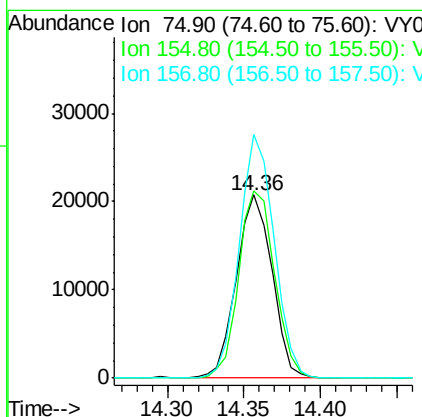
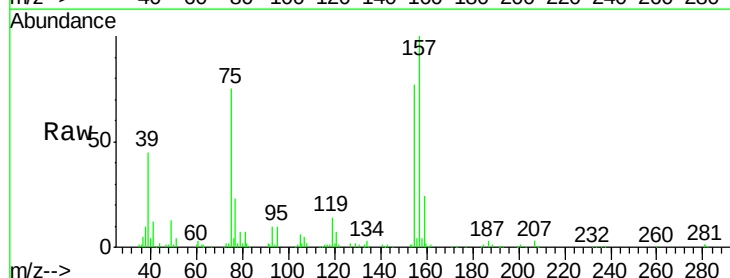
Manual Integrations
 APPROVED

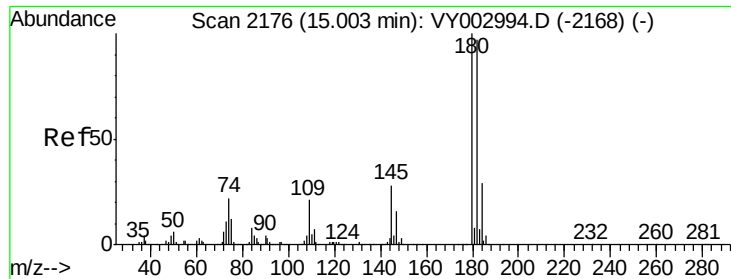
MMDadoda
 6/26/2020 11:22:22 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.452 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.8	51.3	153.9
157	130.2	65.0	195.1





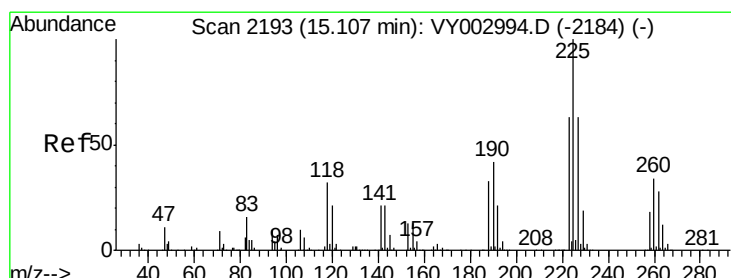
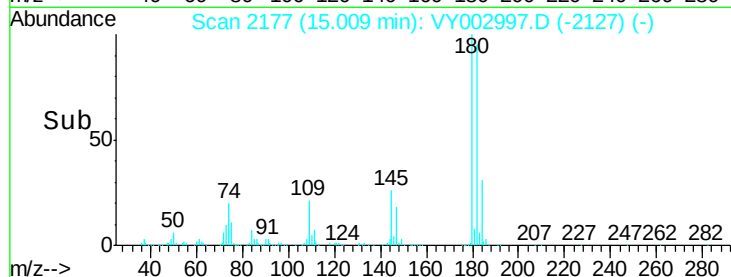
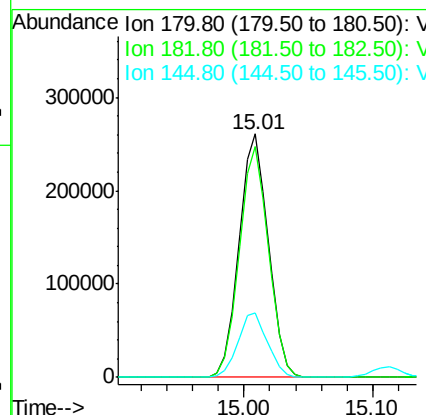
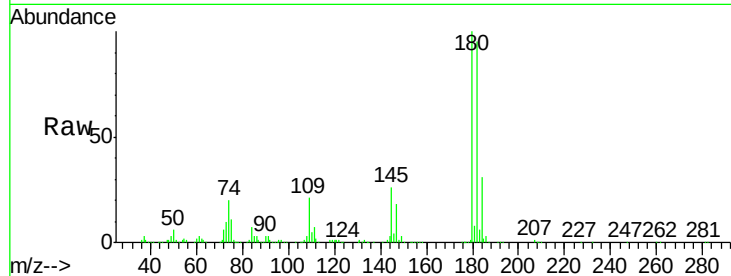
#93
 1,2,4-Trichlorobenzene
 Concen: 50.917 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY062520

Tot Ion	Ratio	Resp	Lower	Upper
180	100	408338		
182	94.9	48.4	145.2	
145	26.8	13.5	40.5	

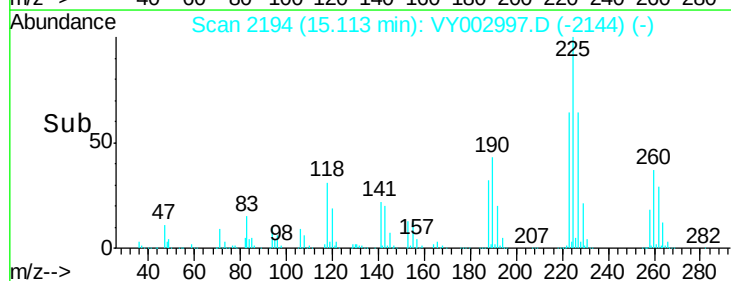
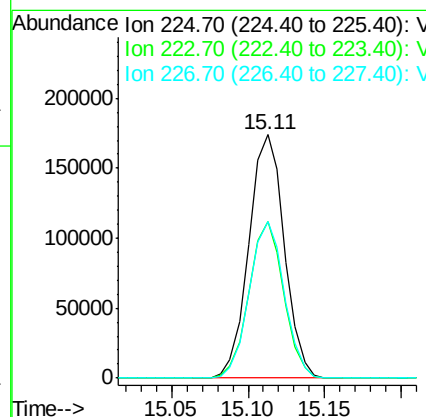
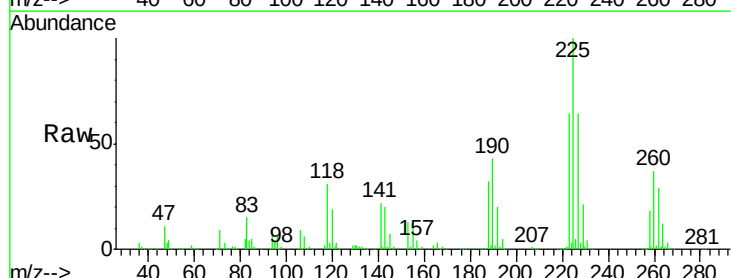
Manual Integrations
 APPROVED

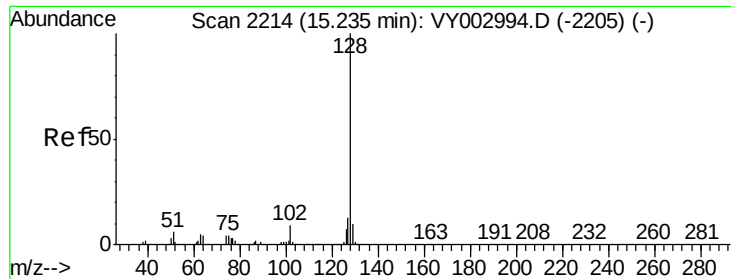
MMDadoda
 6/26/2020 11:22:22 AM



#94
 Hexachlorobutadiene
 Concen: 50.893 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY002997.D
 Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	279321		
223	62.9	31.6	94.8	
227	63.7	32.2	96.6	





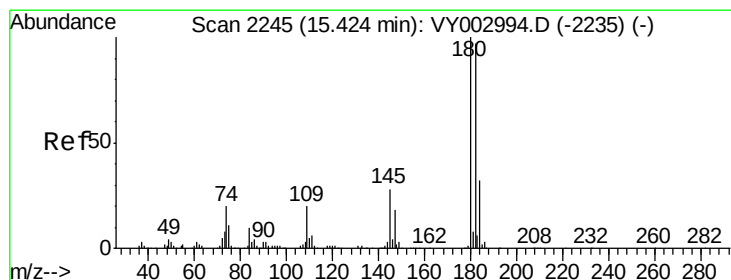
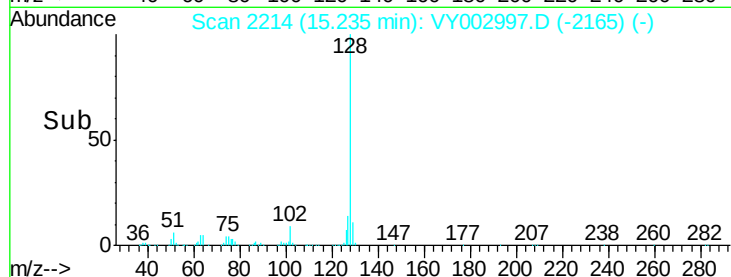
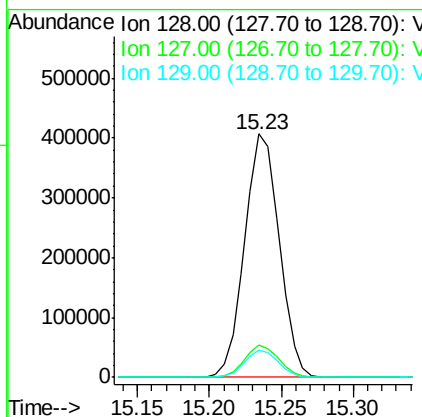
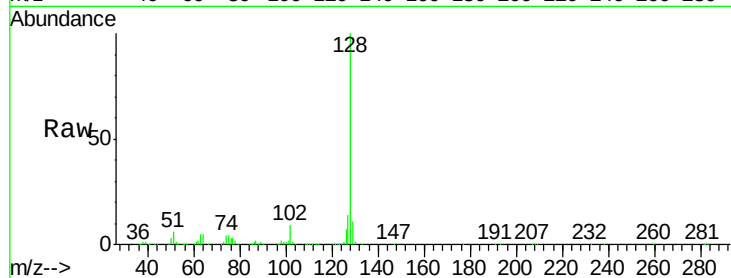
#95
Naphthalene
Concen: 51.442 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
ICVY062520

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 49.462 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002997.D
Acq: 25 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.1	141.4
145	28.9	14.0	42.0

