

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
 Data File : VY002994.D
 Acq On : 25 Jun 2020 12:34
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:22:16 AM

Quant Time: Jun 25 18:41:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 25 12:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	497298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	568673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	612141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	358620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	190319	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	7.72	113	191379	58.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.46%	
50) Toluene-d8	10.18	98	762057	58.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.64%	
62) 4-Bromofluorobenzene	12.48	95	268806	59.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.96%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	151143	48.348	ug/l	100
3) Chloromethane	2.12	50	201873	55.156	ug/l	100
4) Vinyl Chloride	2.26	62	209966	53.987	ug/l	100
5) Bromomethane	2.65	94	153754	53.736	ug/l	100
6) Chloroethane	2.80	64	134623	53.709	ug/l	100
7) Trichlorofluoromethane	3.13	101	405604	57.276	ug/l	100
8) Diethyl Ether	3.54	74	121329	49.130	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	219558	52.439	ug/l	100
10) Methyl Iodide	4.10	142	310675	54.264	ug/l	100
11) Tert butyl alcohol	4.96	59	104093	211.023	ug/l	100
12) 1,1-Dichloroethene	3.88	96	214298	51.882	ug/l	100
13) Acrolein	3.74	56	109450	266.436	ug/l	100
14) Allyl chloride	4.49	41	344378	56.653	ug/l	100
15) Acrylonitrile	5.18	53	281030	238.016	ug/l	100
16) Acetone	3.96	43	247249	247.435	ug/l	100
17) Carbon Disulfide	4.20	76	666464	54.664	ug/l	100
18) Methyl Acetate	4.48	43	126131	42.522	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	574881	51.101	ug/l	100
20) Methylene Chloride	4.72	84	240903	37.031	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	227301	49.977	ug/l	100
22) Diisopropyl ether	6.13	45	633880	51.932	ug/l	100
23) Vinyl Acetate	6.07	43	2186366	276.145	ug/l	100
24) 1,1-Dichloroethane	6.03	63	369522	51.360	ug/l	100
25) 2-Butanone	6.99	43	346898	232.159	ug/l	100
26) 2,2-Dichloropropane	6.99	77	361834	53.072	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	244547	48.275	ug/l	100
28) Bromochloromethane	7.34	49	149810	50.500	ug/l	100
29) Tetrahydrofuran	7.36	42	232928	240.054	ug/l	100
30) Chloroform	7.52	83	384876	51.032	ug/l	100
31) Cyclohexane	7.79	56	333895	47.974	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	369865	52.850	ug/l	100
36) 1,1-Dichloropropene	7.93	75	297599	61.967	ug/l	100
37) Ethyl Acetate	7.08	43	164071	61.162	ug/l	100
38) Carbon Tetrachloride	7.91	117	368988	67.975	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	330118	53.987	ug/l	100
40) Benzene	8.16	78	714062	51.922	ug/l	100
41) Methacrylonitrile	7.33	41	84826m	65.057	ug/l	
42) 1,2-Dichloroethane	8.24	62	232394	59.012	ug/l	100
43) Isopropyl Acetate	8.28	43	261134	54.123	ug/l	100
44) Trichloroethene	8.94	130	235530	54.733	ug/l	100
45) 1,2-Dichloropropane	9.22	63	168406	51.059	ug/l	100
46) Dibromomethane	9.31	93	103732	52.411	ug/l	100
47) Bromodichloromethane	9.50	83	261691	55.992	ug/l	100
48) Methyl methacrylate	9.30	41	123029	56.421	ug/l	100
49) 1,4-Dioxane	9.30	88	23869	849.712	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	833750	314.644	ug/l	100
52) Toluene	10.24	92	550466	59.841	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	333541	63.499	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	368277	62.412	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	171513	56.901	ug/l	100
56) Ethyl methacrylate	10.51	69	252161	61.349	ug/l	100
57) 1,3-Dichloropropane	10.79	76	306095	60.220	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	574360	287.709	ug/l	100
59) 2-Hexanone	10.83	43	571288	308.986	ug/l	100
60) Dibromochloromethane	10.99	129	242007	61.836	ug/l	100
61) 1,2-Dibromoethane	11.09	107	172706	57.723	ug/l	100
64) Tetrachloroethene	10.72	164	288804	55.720	ug/l	100
65) Chlorobenzene	11.52	112	626172	53.633	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	250371	56.274	ug/l	100
67) Ethyl Benzene	11.59	91	1086182	53.982	ug/l	100
68) m/p-Xylenes	11.70	106	837453	107.363	ug/l	100
69) o-Xylene	12.03	106	397050	53.987	ug/l	100
70) Styrene	12.04	104	685249	53.942	ug/l	100
71) Bromoform	12.20	173	180277	59.703	ug/l	100
73) Isopropylbenzene	12.33	105	1099077	50.333	ug/l	100
74) N-amyl acetate	12.14	43	316101	55.180	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	197450	48.798	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	148845m	47.967	ug/l	
77) Bromobenzene	12.61	156	309950	53.496	ug/l	100
78) n-propylbenzene	12.67	91	1269160	50.125	ug/l	100
79) 2-Chlorotoluene	12.75	91	711530	50.122	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	960758	52.399	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	74929	46.740	ug/l	100
82) 4-Chlorotoluene	12.85	91	748118	50.096	ug/l	100
83) tert-Butylbenzene	13.08	119	884446	53.579	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	964984	52.329	ug/l	100
85) sec-Butylbenzene	13.25	105	1095702	49.550	ug/l	100
86) p-Isopropyltoluene	13.37	119	1062458	50.973	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	551625	50.922	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	570116	52.251	ug/l	100
89) n-Butylbenzene	13.69	91	977850	51.713	ug/l	100
90) Hexachloroethane	13.96	117	193112	49.906	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	514513	51.963	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	33091	44.449	ug/l	100

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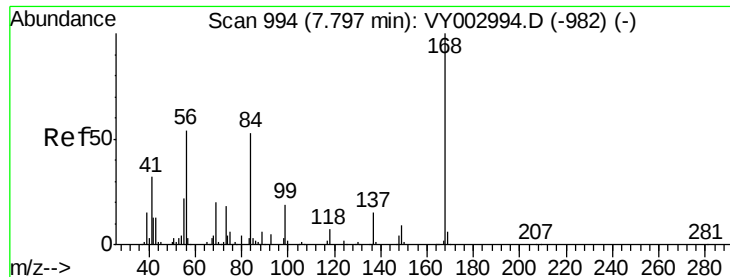
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	358306	48.858	ug/l	100
94) Hexachlorobutadiene	15.11	225	249920	57.058	ug/l	100
95) Naphthalene	15.23	128	604506	42.408	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	325686	49.531	ug/l	100

(#) = 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: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 497298

Ion Ratio Lower Upper

168 100

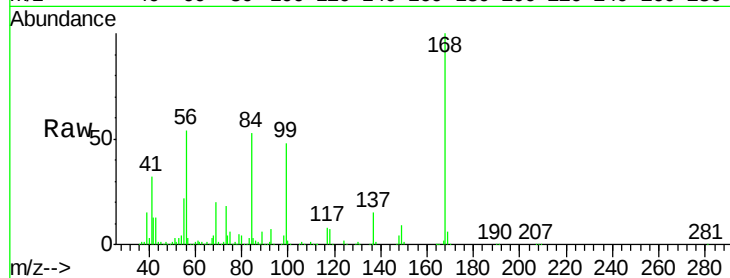
99 47.8 38.2 57.4

Manual Integrations

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

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

7.80

250000

200000

150000

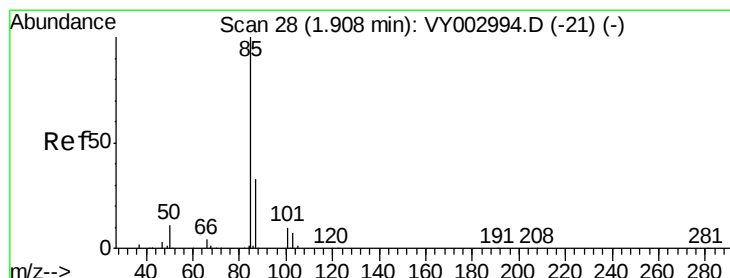
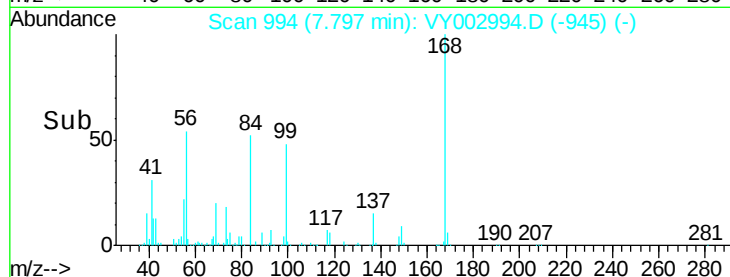
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.348 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002994.D

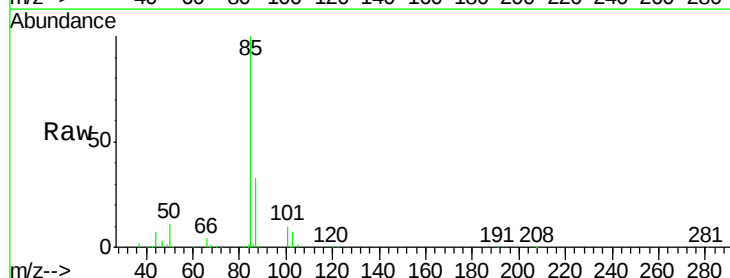
Acq: 25 Jun 2020 12:34

Tgt Ion: 85 Resp: 151143

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



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

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

1.91

100000

80000

60000

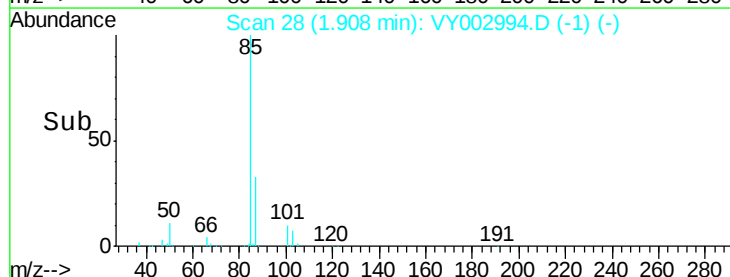
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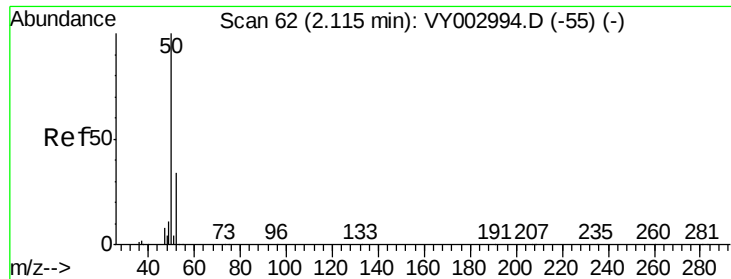
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 55.156 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 201873

Ion Ratio Lower Upper

50 100

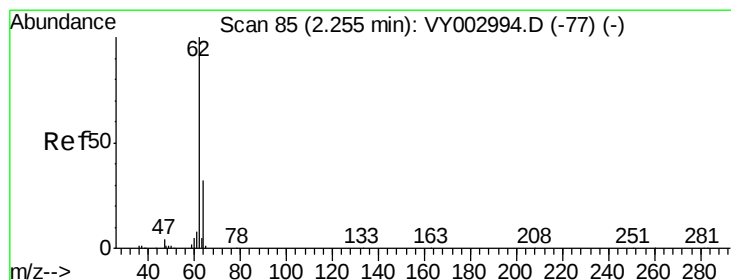
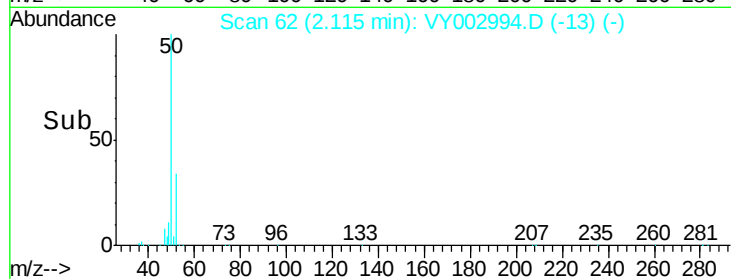
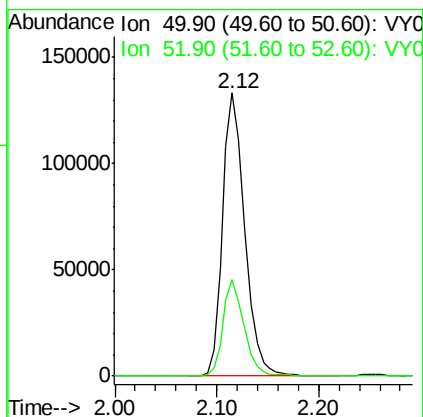
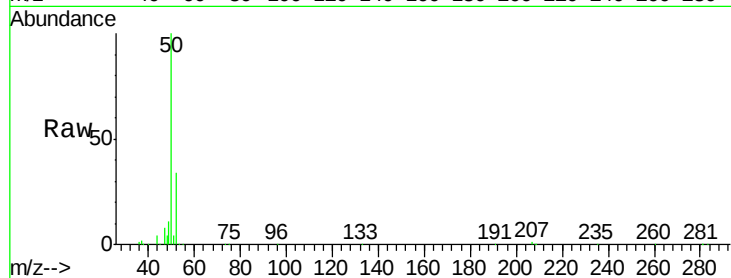
52 33.9 27.1 40.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.987 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002994.D

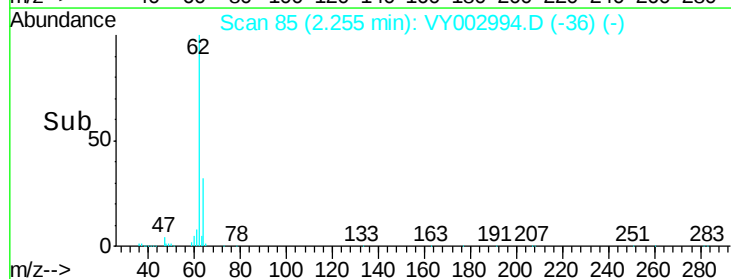
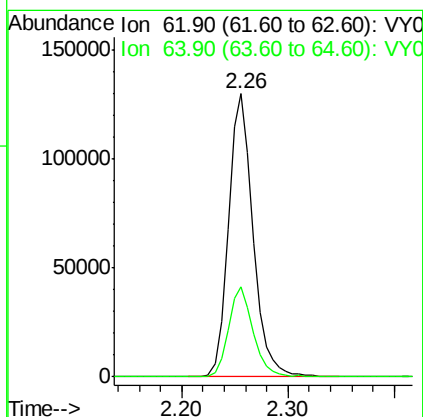
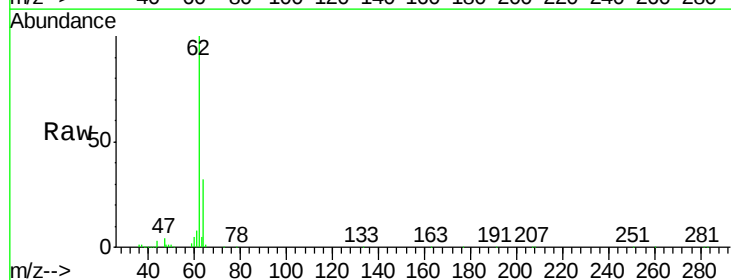
Acq: 25 Jun 2020 12:34

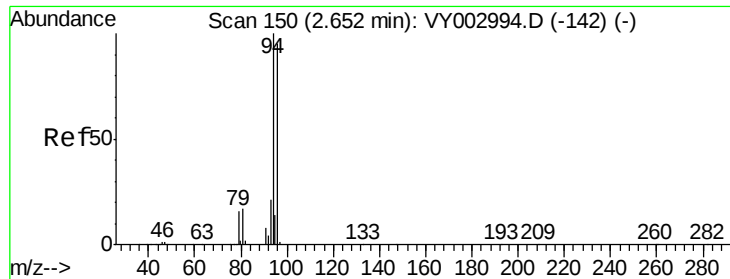
Tgt Ion: 62 Resp: 209966

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3





#5

Bromomethane

Concen: 53.736 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 153754

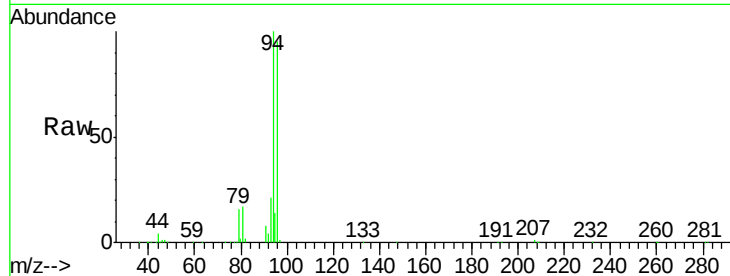
Ion Ratio Lower Upper

94 100

96 95.4 76.3 114.5

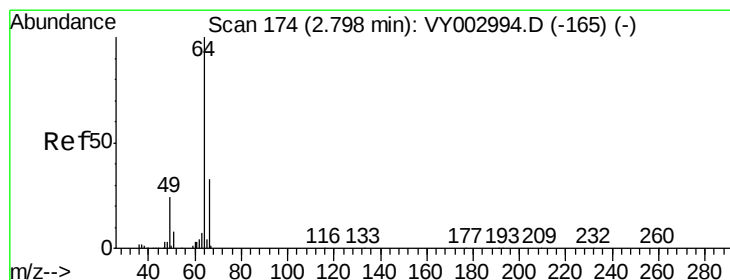
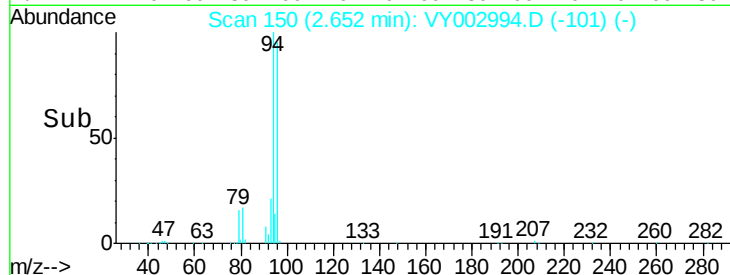
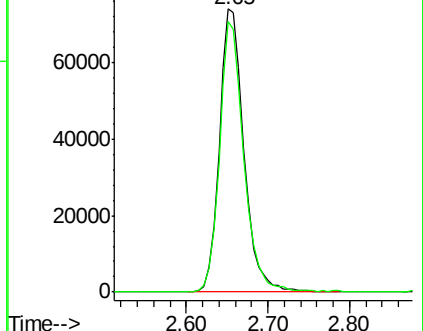
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 53.709 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002994.D

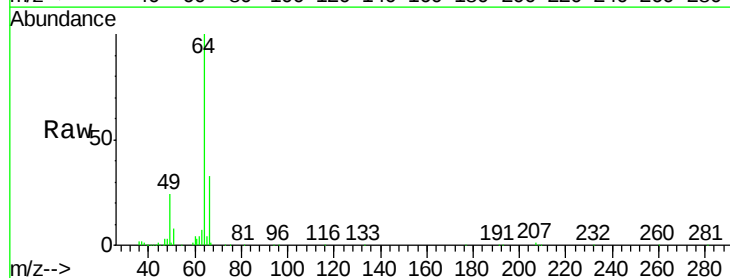
Acq: 25 Jun 2020 12:34

Tgt Ion: 64 Resp: 134623

Ion Ratio Lower Upper

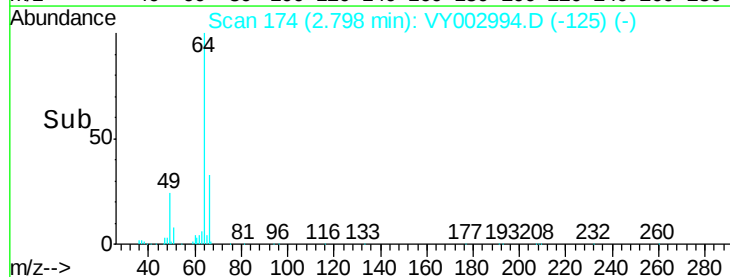
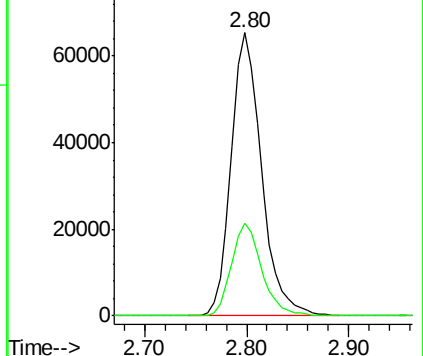
64 100

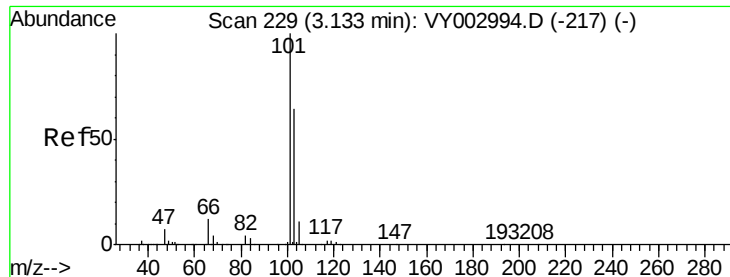
66 33.0 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

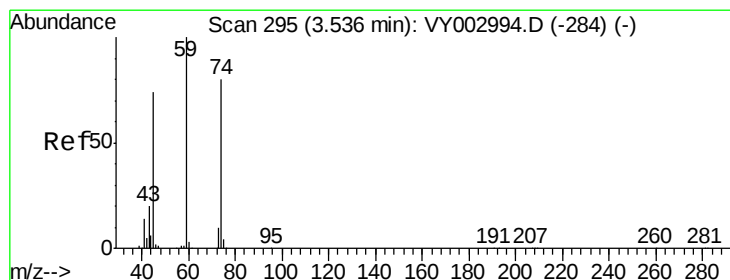
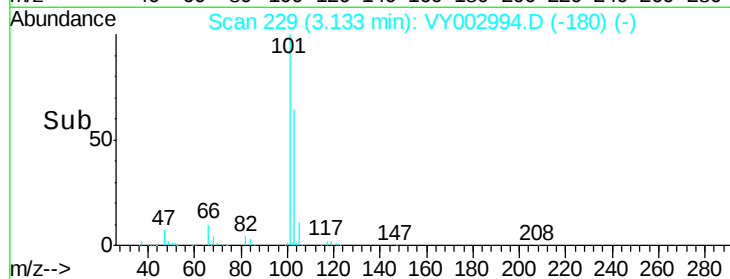
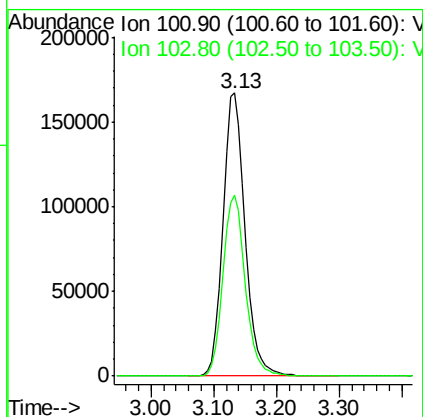
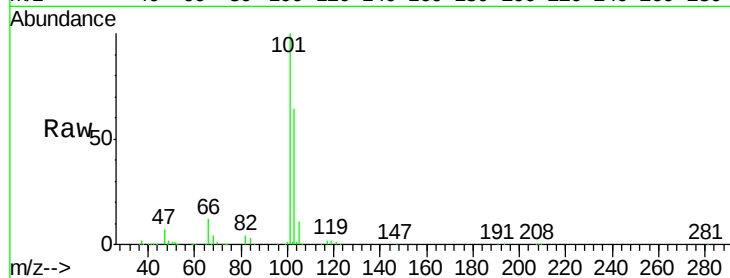
Trichlorofluoromethane
Concen: 57.276 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
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ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.3	76.9

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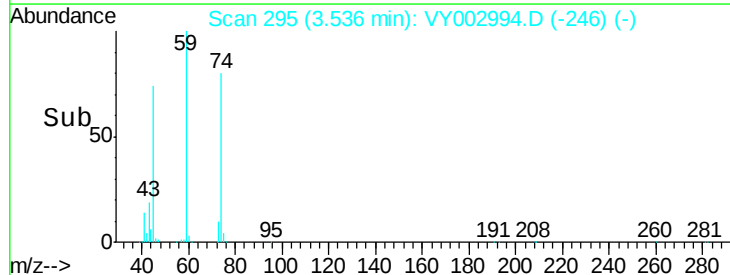
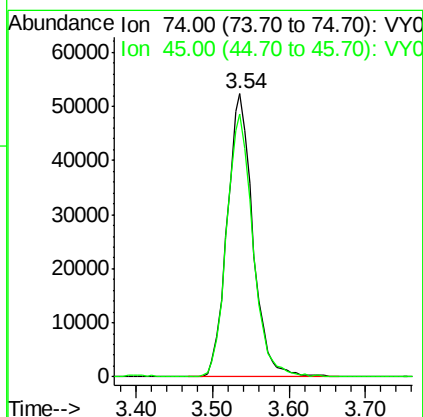
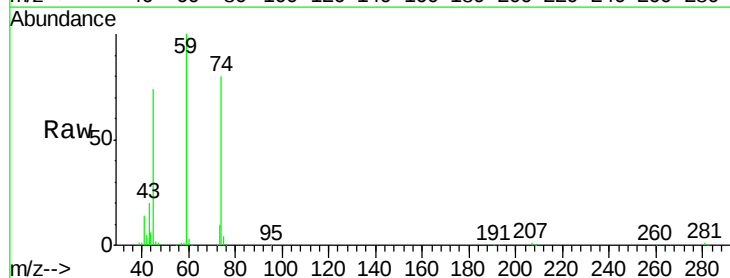
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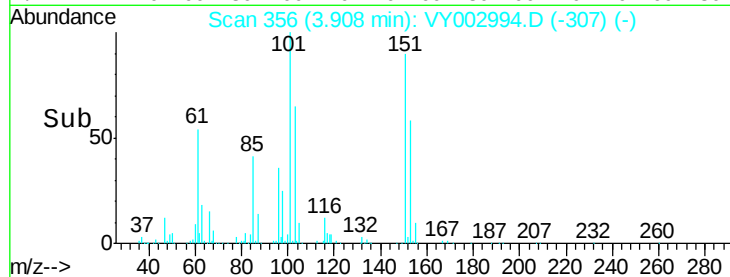
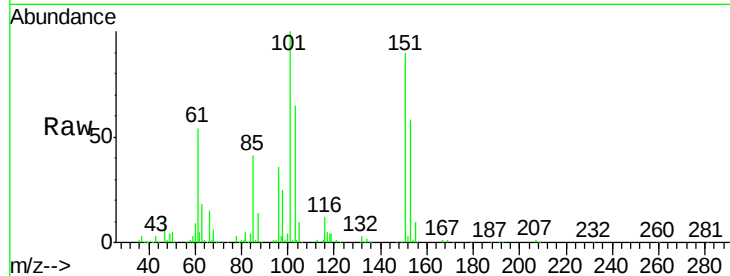
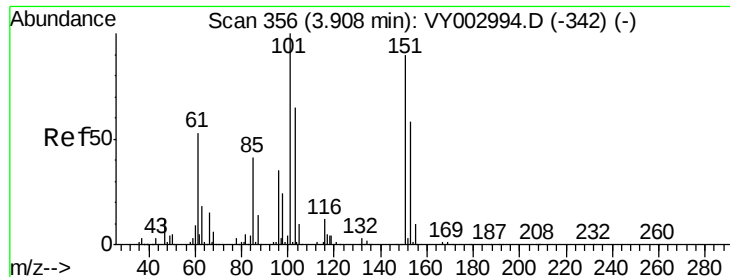


#8

Diethyl Ether
Concen: 49.130 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.2	47.6	142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.439 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

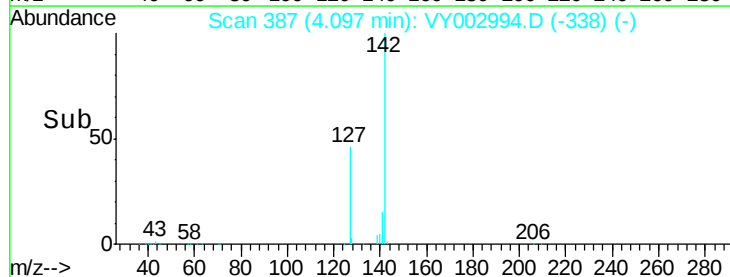
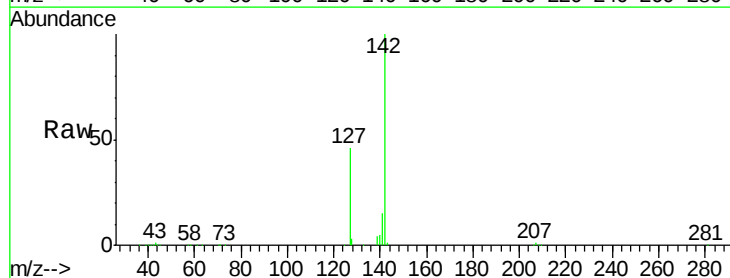
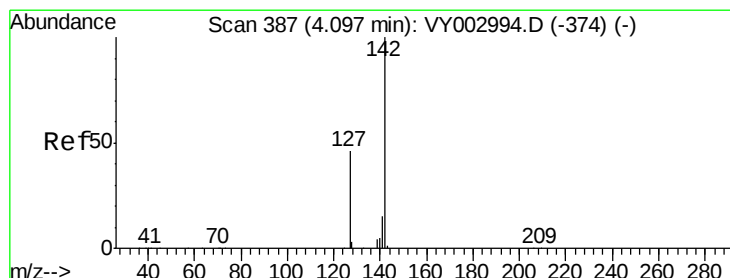
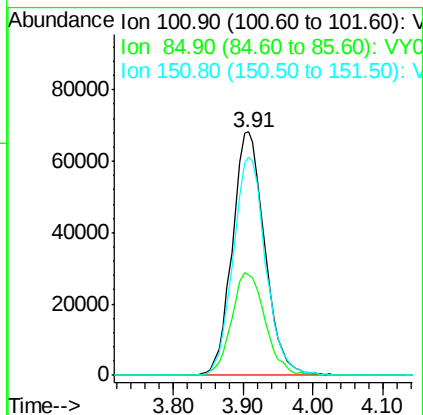
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	219558
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.0	52.4
151	90.3	72.2	108.4

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#10

Methyl Iodide

Concen: 54.264 ug/l

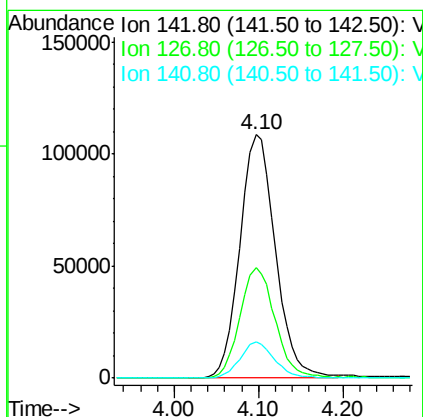
RT: 4.10 min Scan# 387

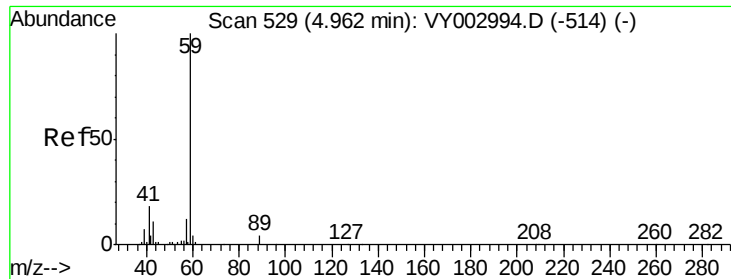
Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Tgt Ion:	142	Resp:	310675
Ion Ratio	Lower	Upper	
142	100		
127	44.8	35.8	53.8
141	14.6	11.7	17.5





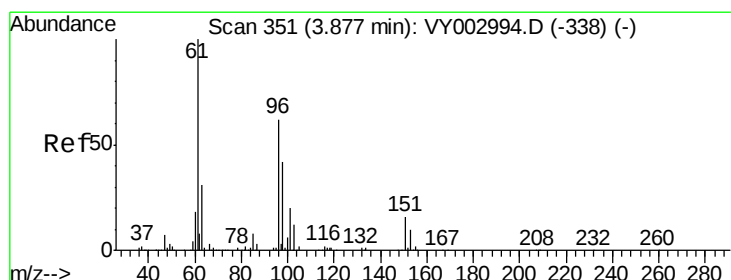
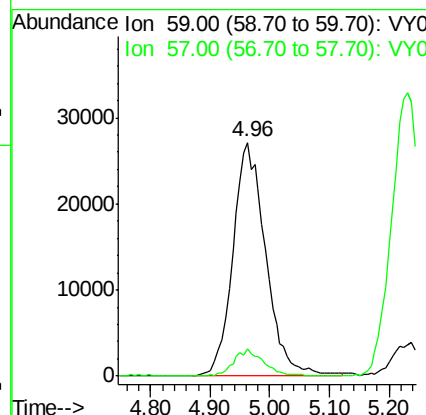
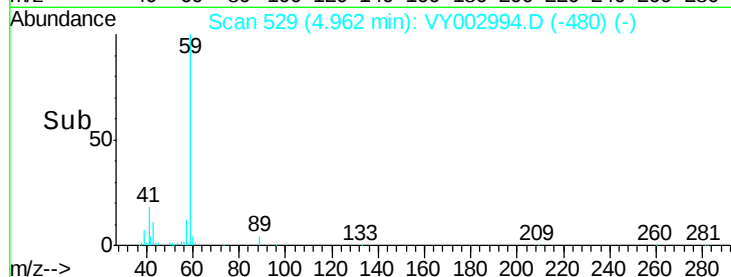
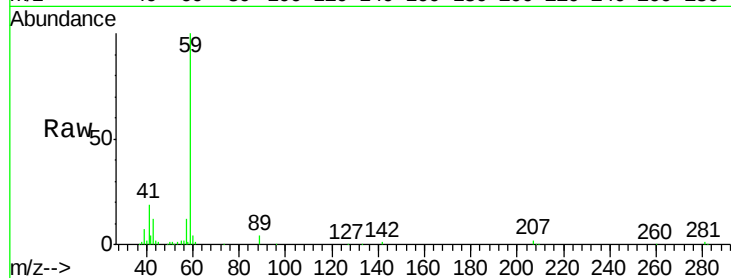
#11
Tert butyl alcohol
Concen: 211.023 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

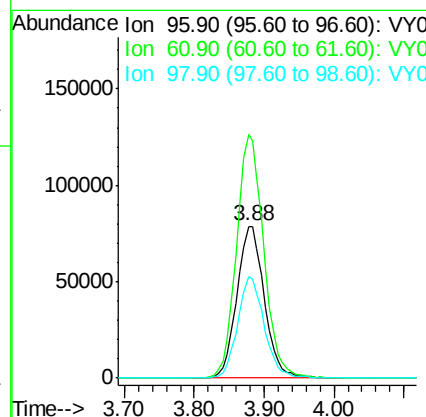
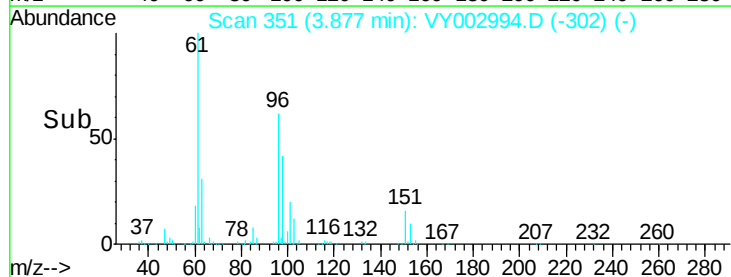
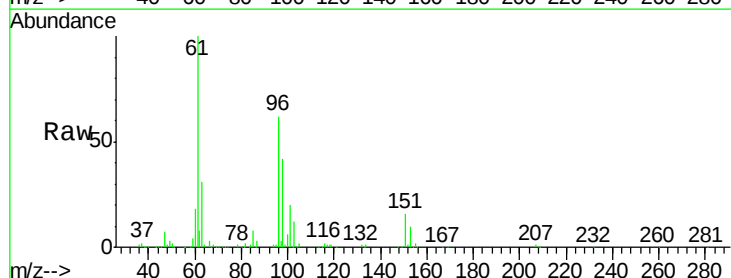
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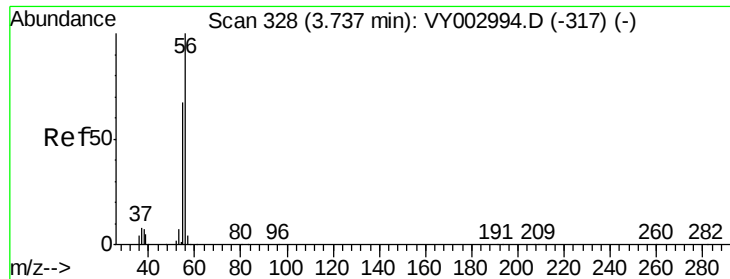
MMDadoda
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#12
1,1-Dichloroethene
Concen: 51.882 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.1	128.1	192.1
98	66.9	53.5	80.3





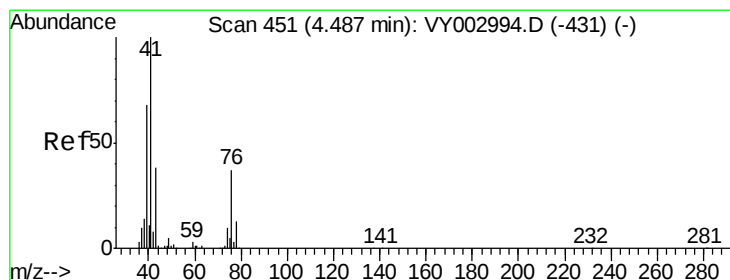
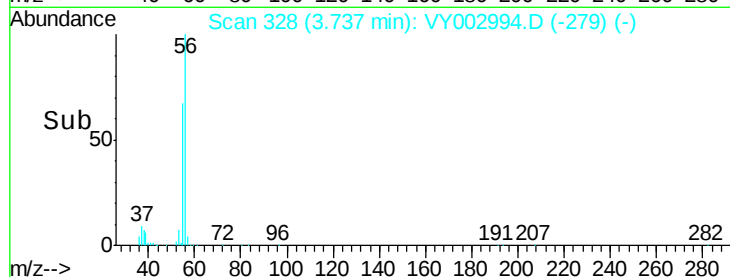
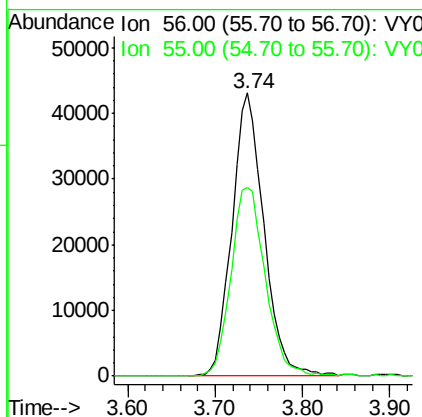
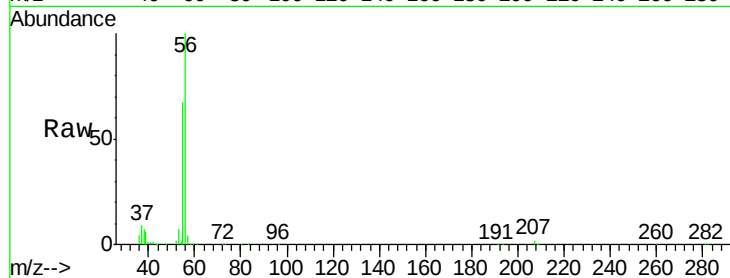
#13
Acrolein
Concen: 266.436 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.2	57.0	85.4

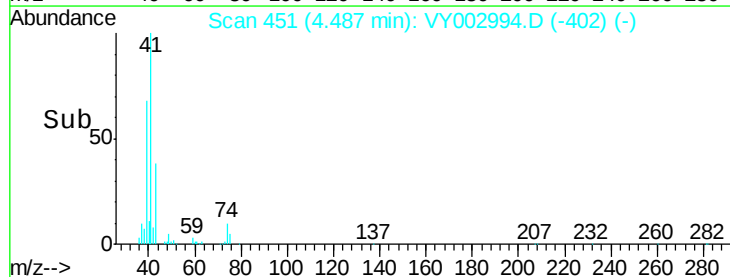
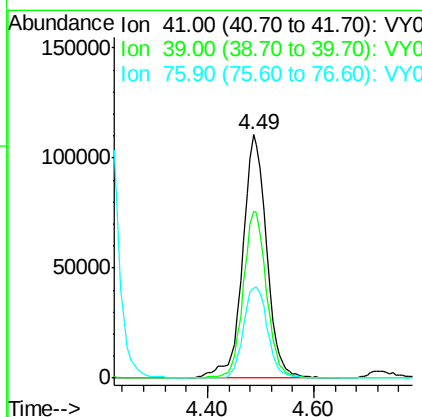
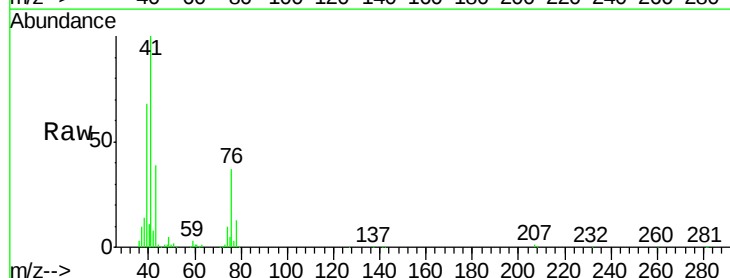
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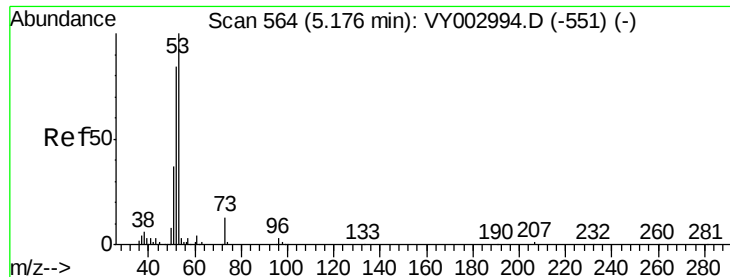
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#14
Allyl chloride
Concen: 56.653 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.4	53.1	79.7
76	37.5	30.0	45.0





#15

Acrylonitrile

Concen: 238.016 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

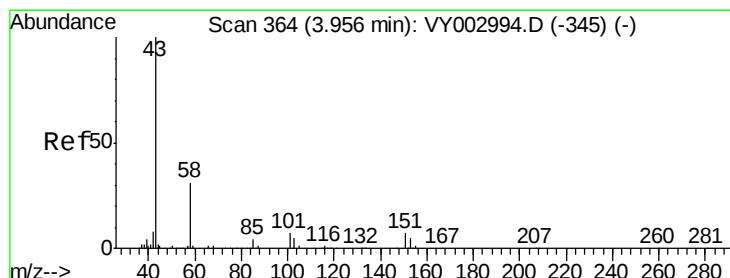
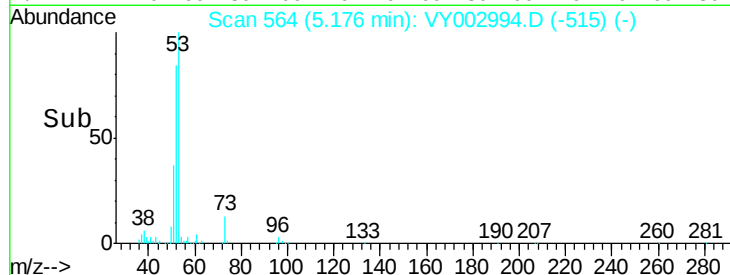
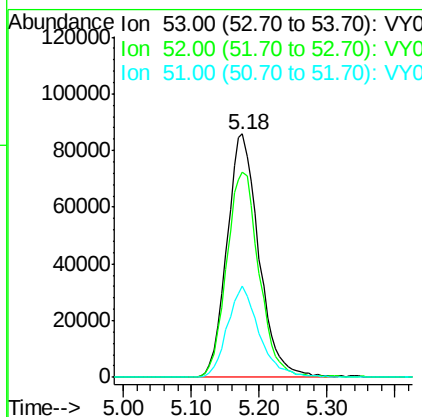
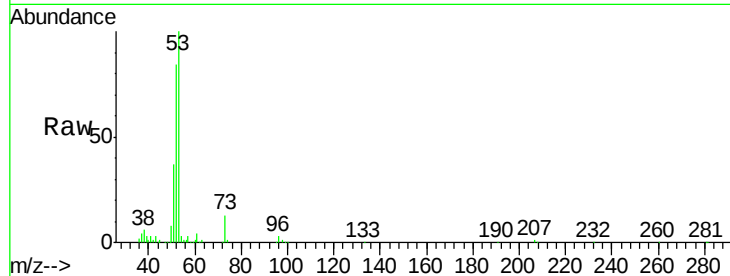
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	281030
Ion Ratio	Lower	Upper	
53	100		
52	85.0	68.0	102.0
51	37.3	29.8	44.8

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#16

Acetone

Concen: 247.435 ug/l

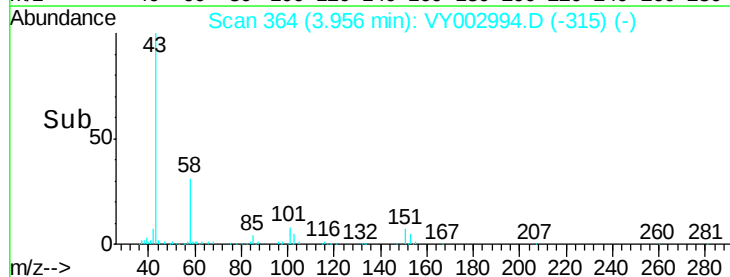
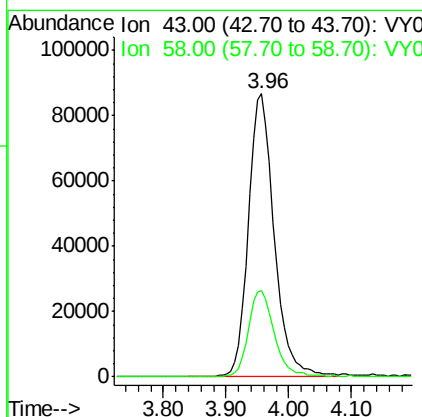
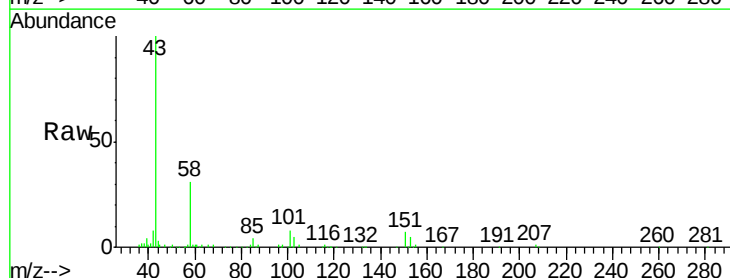
RT: 3.96 min Scan# 364

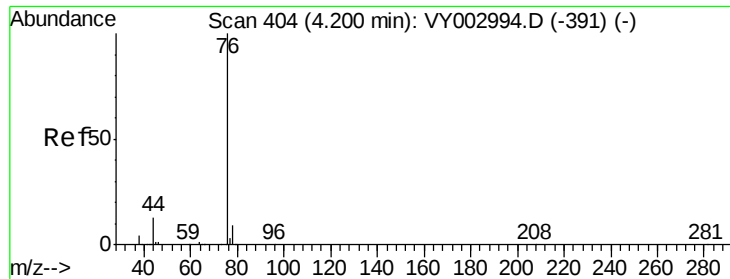
Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Tgt Ion:	43	Resp:	247249
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.4	36.6





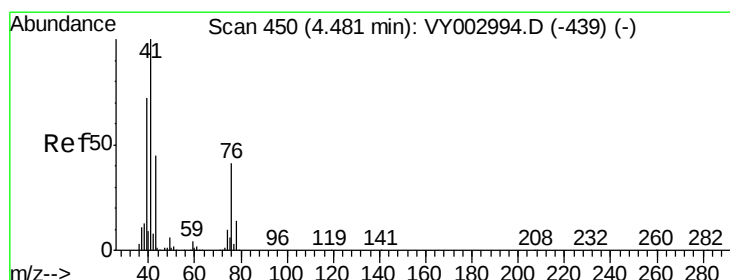
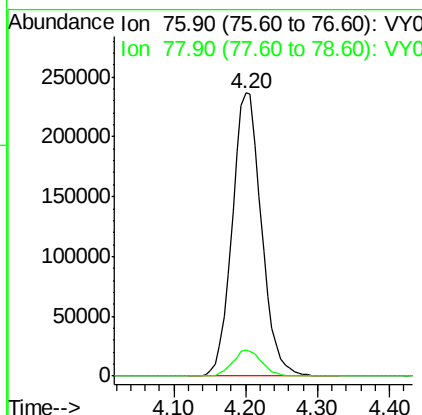
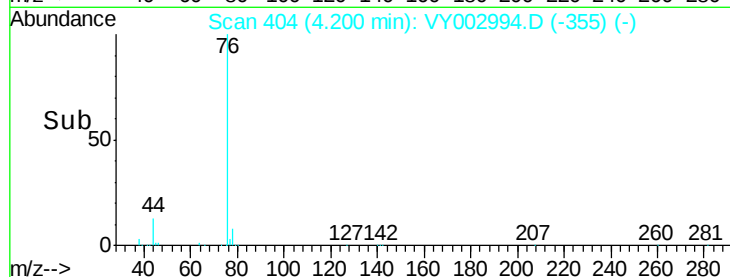
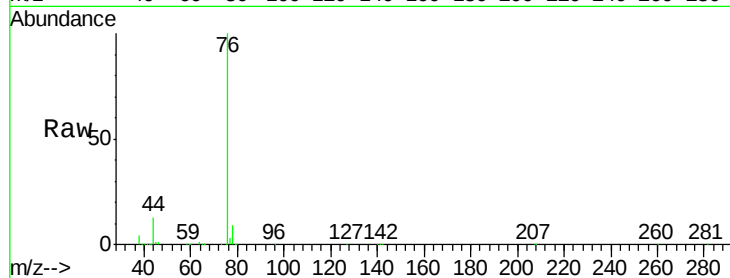
#17
Carbon Disulfide
Concen: 54.664 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

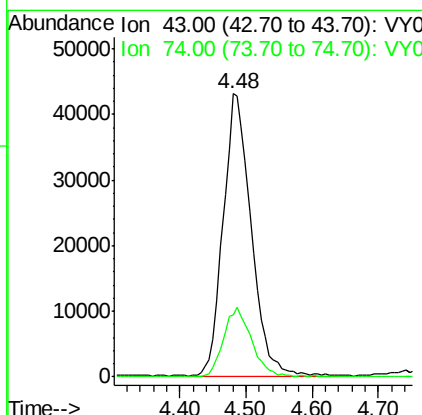
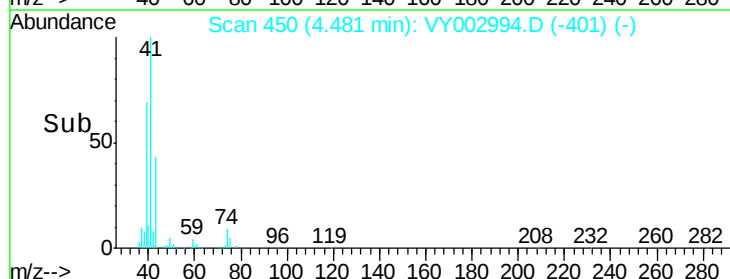
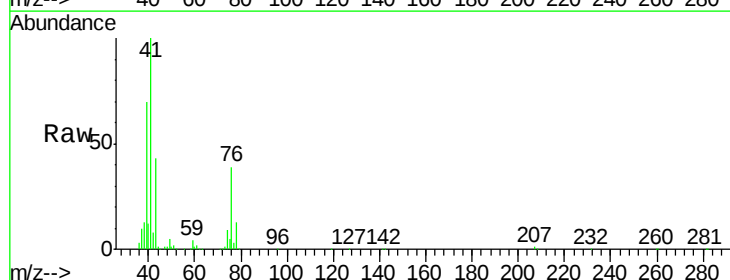
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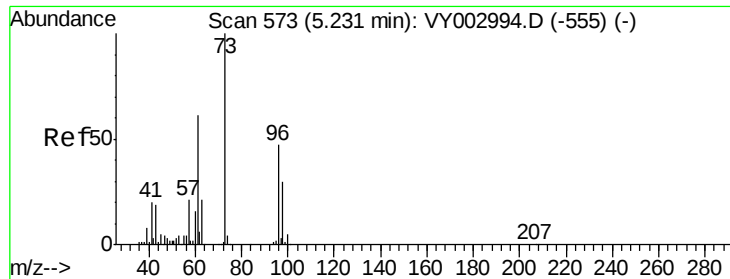
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#18
Methyl Acetate
Concen: 42.522 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.8	29.6





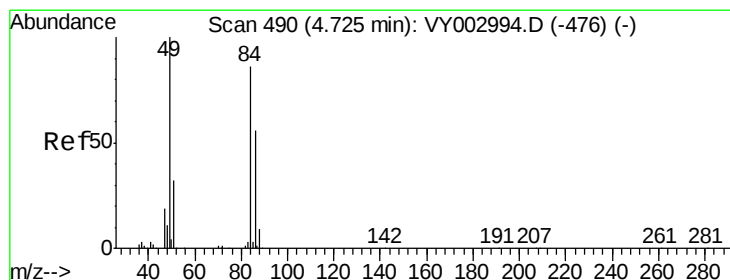
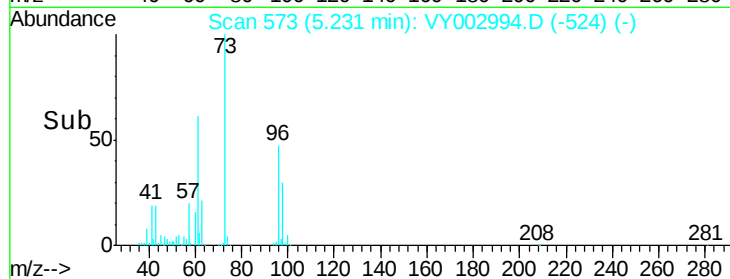
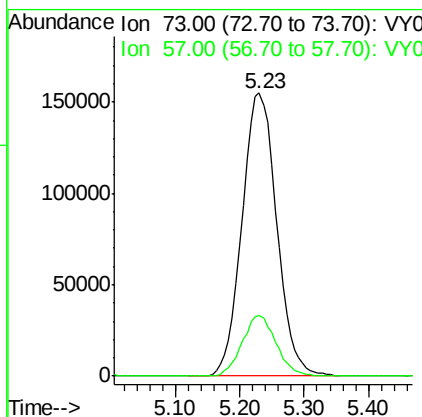
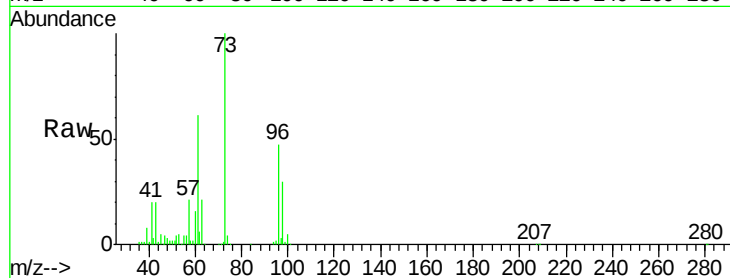
#19
Methvl tert-butvl Ether
Concen: 51.101 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 574881
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4

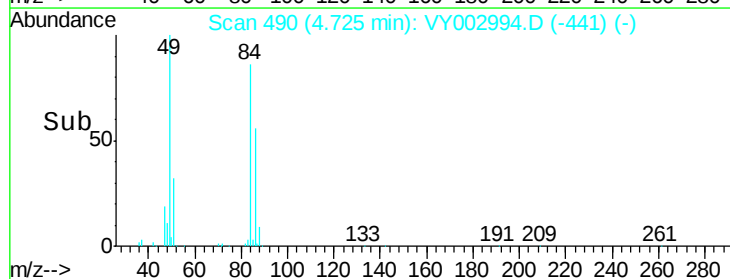
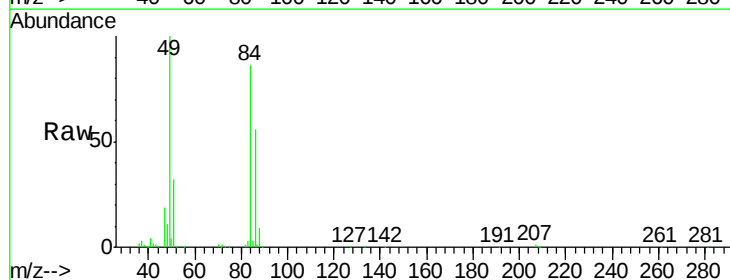
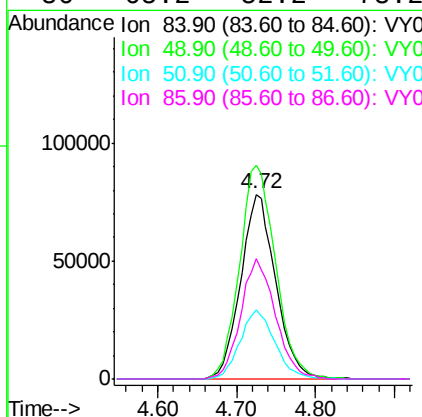
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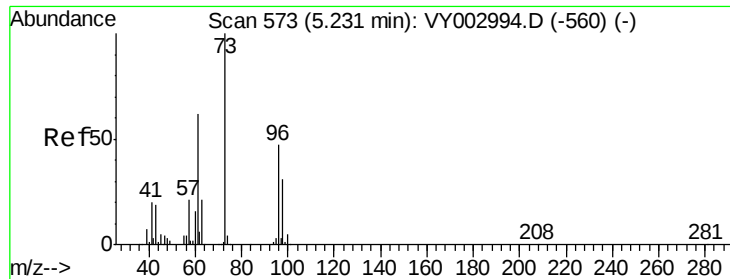
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#20
Methylene Chloride
Concen: 37.031 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion: 84 Resp: 240903
Ion Ratio Lower Upper
84 100
49 115.7 92.6 138.8
51 37.3 29.8 44.8
86 65.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 49.977 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

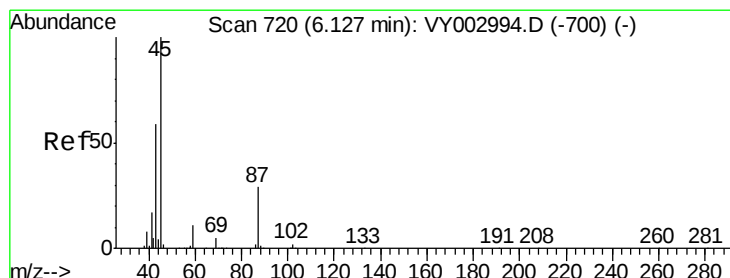
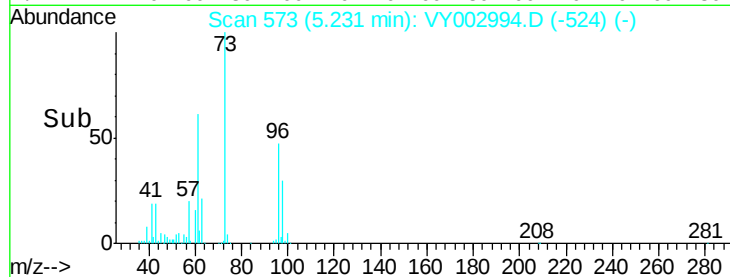
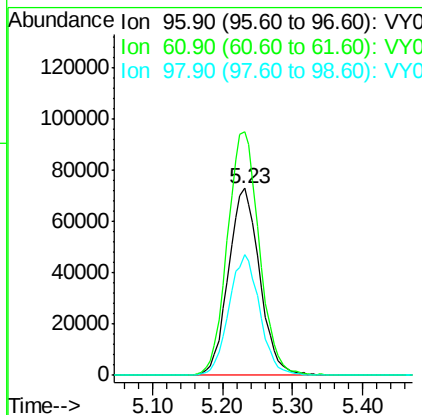
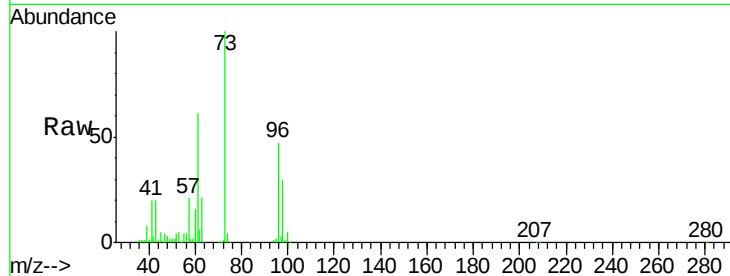
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	227301
Ion	Ratio	Lower	Upper
96	100		
61	130.0	104.0	156.0
98	64.5	51.6	77.4

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#22

Diisopropyl ether

Concen: 51.932 ug/l

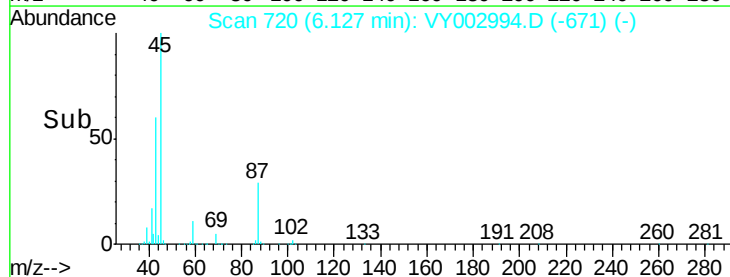
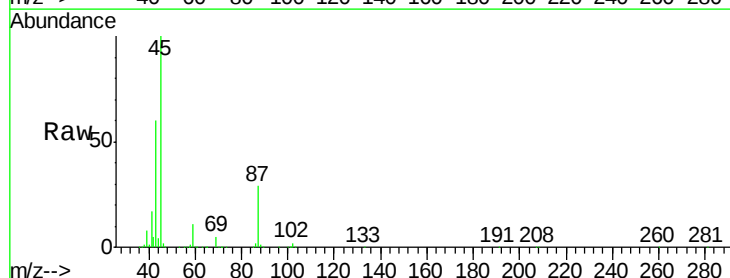
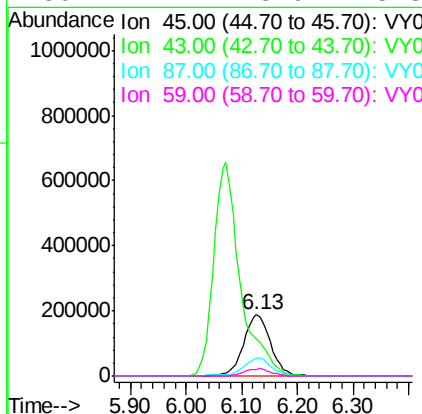
RT: 6.13 min Scan# 720

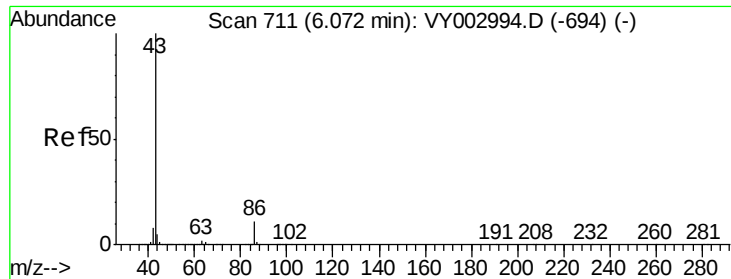
Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Tgt Ion:	45	Resp:	633880
Ion	Ratio	Lower	Upper
45	100		
43	59.4	47.5	71.3
87	29.1	23.3	34.9
59	11.1	8.9	13.3





#23

Vinyl Acetate

Concen: 276.145 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Tot Ion: 43 Resp: 2186366

Ion Ratio Lower Upper

43 100

86 11.2 9.0 13.4

Instrument :

MSVOA_Y

ClientSampleId :

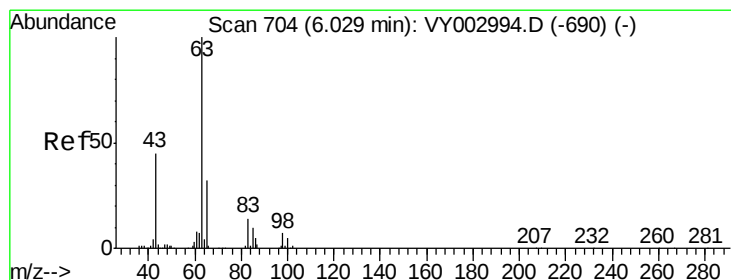
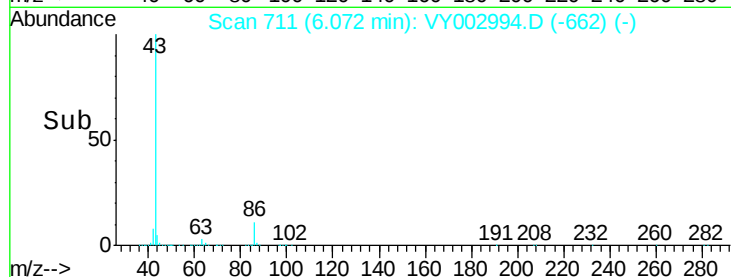
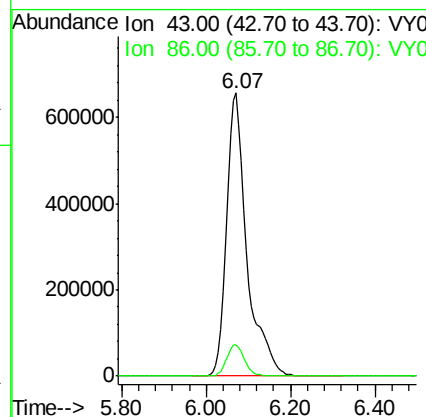
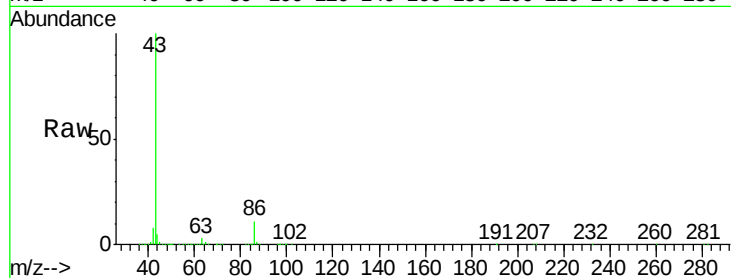
VSTDICCC050

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#24

1,1-Dichloroethane

Concen: 51.360 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

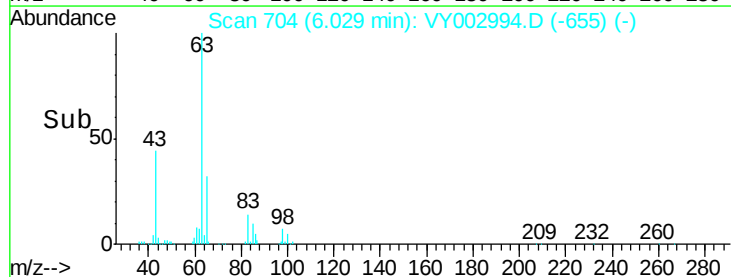
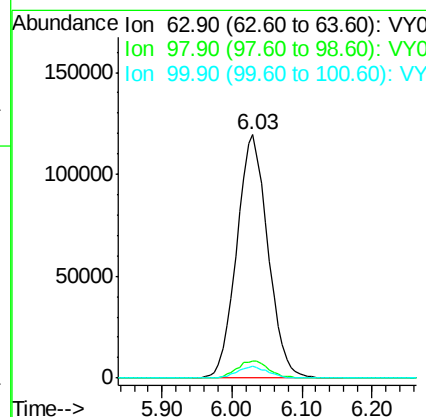
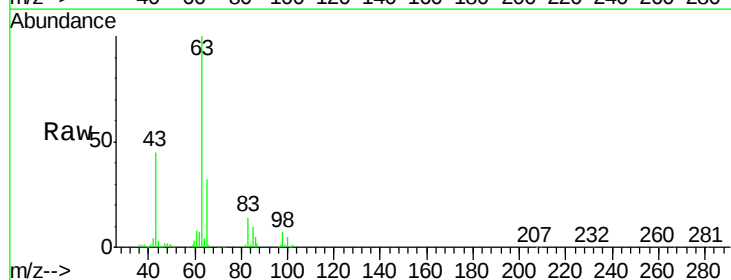
Tgt Ion: 63 Resp: 369522

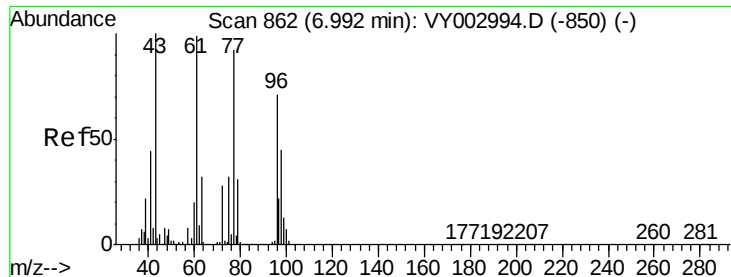
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 232.159 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 346898

Ion Ratio Lower Upper

43 100

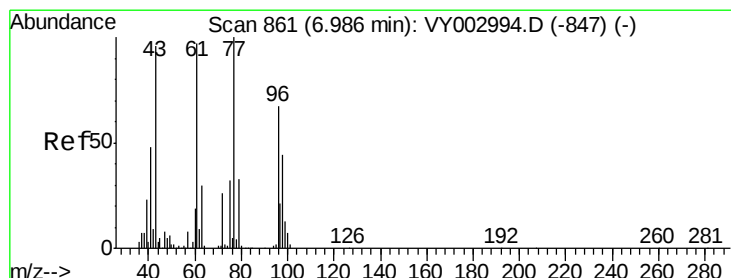
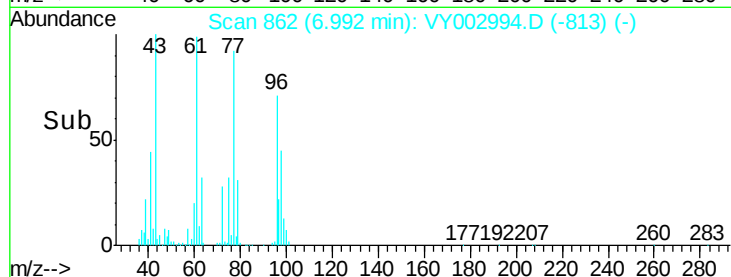
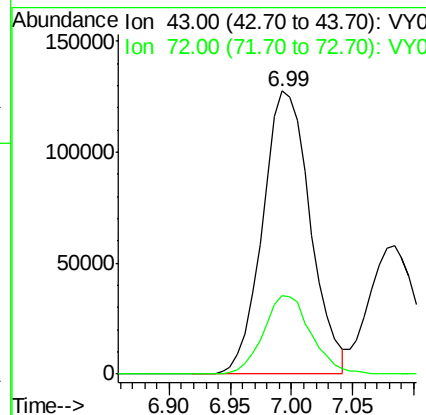
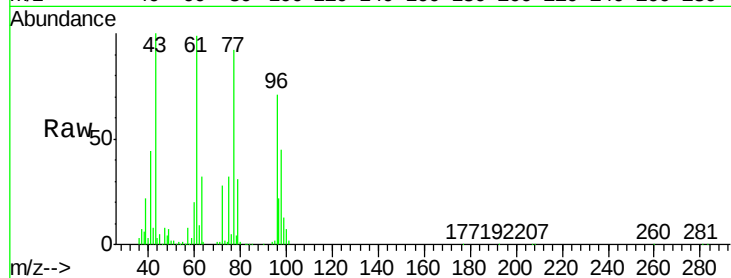
72 27.9 22.3 33.5

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#26

2,2-Dichloropropane

Concen: 53.072 ug/l

RT: 6.99 min Scan# 861

Delta R.T. 0.00 min

Lab File: VY002994.D

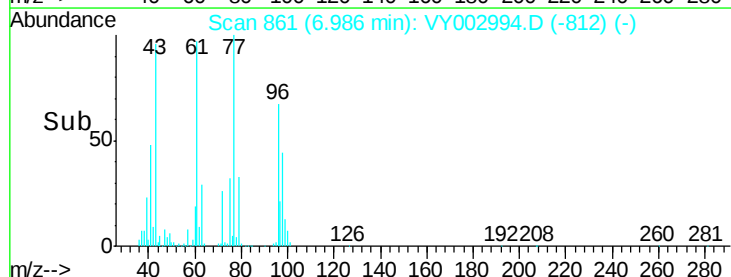
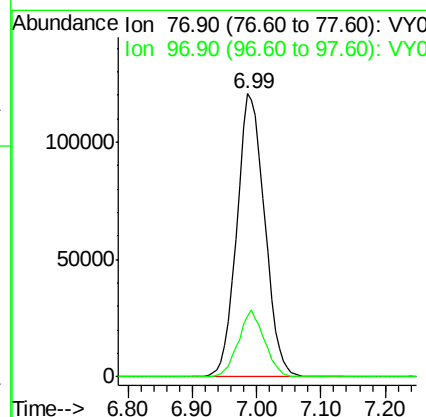
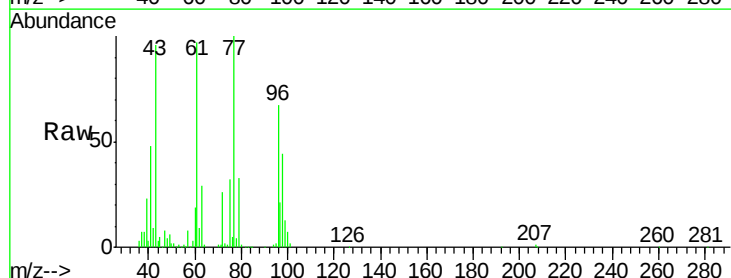
Acq: 25 Jun 2020 12:34

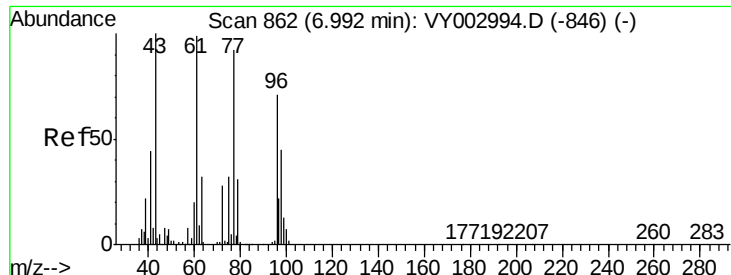
Tgt Ion: 77 Resp: 361834

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.3





#27

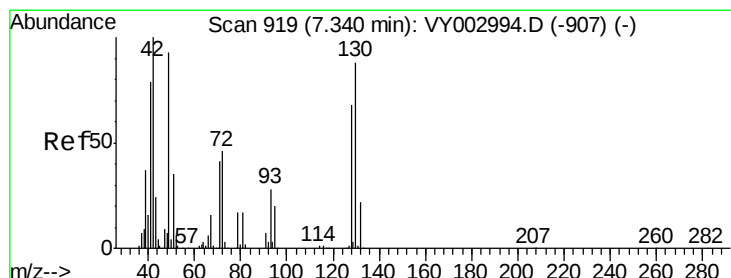
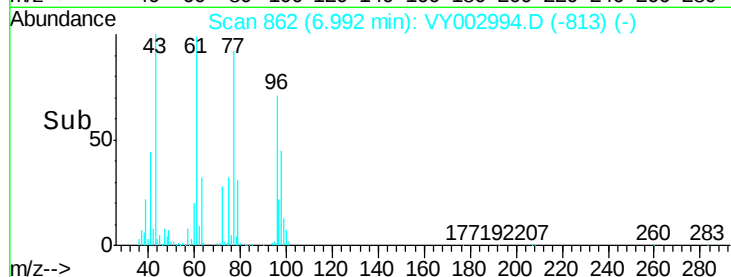
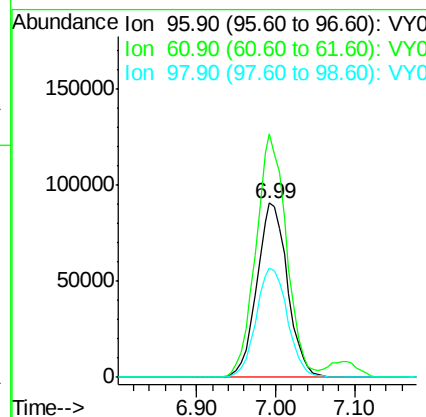
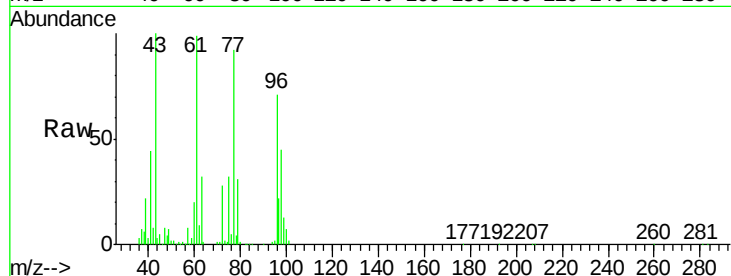
cis-1,2-Dichloroethene
Concen: 48.275 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	244547		
61	139.5	0.0	279.0	
98	64.1	0.0	128.2	

Manual Integrations
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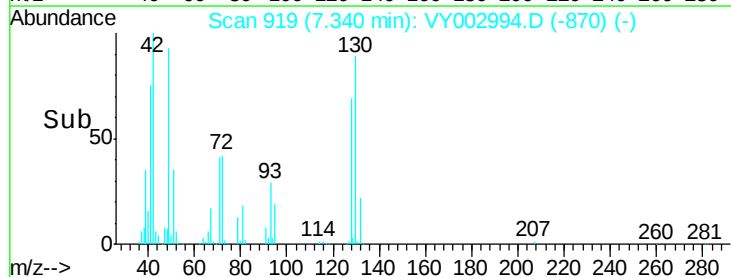
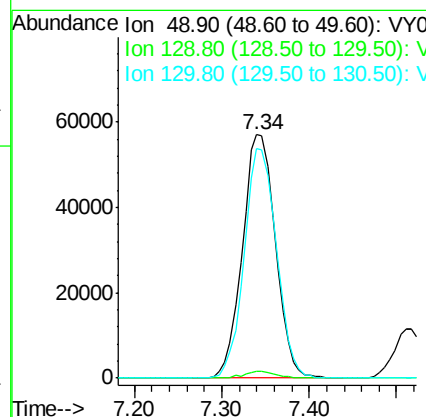
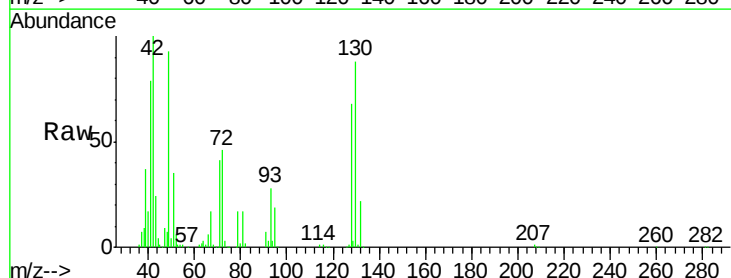
MMDadoda
6/26/2020 11:22:16 AM

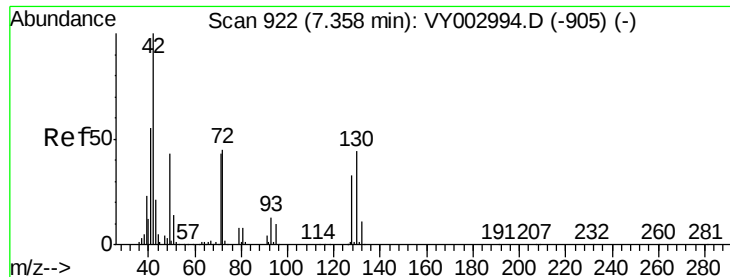


#28

Bromochloromethane
Concen: 50.500 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	149810		
129	2.7	0.0	5.4	
130	92.3	73.8	110.8	





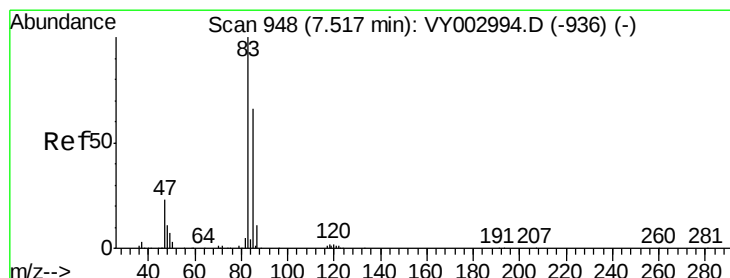
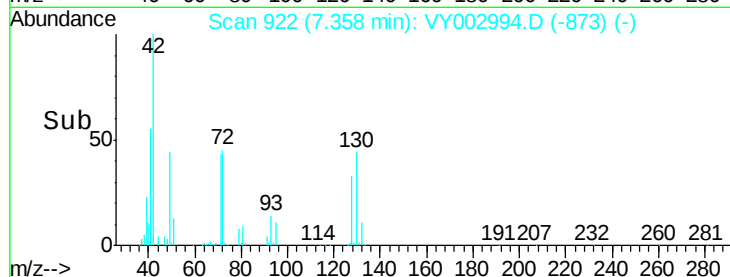
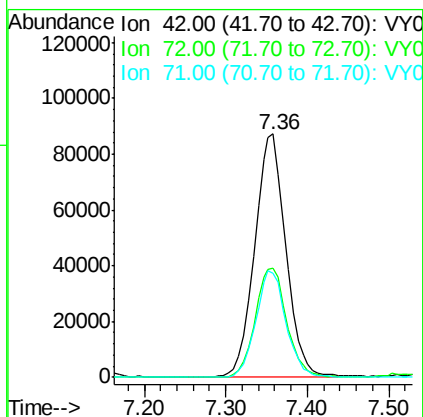
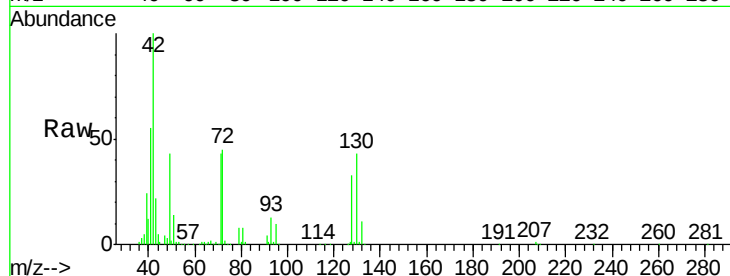
#29
Tetrahydrofuran
Concen: 240.054 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	36.2	54.4
71	42.7	34.2	51.2

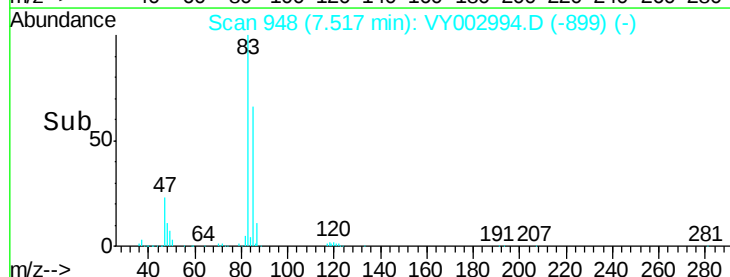
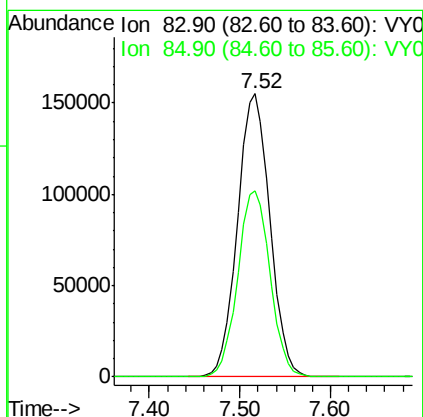
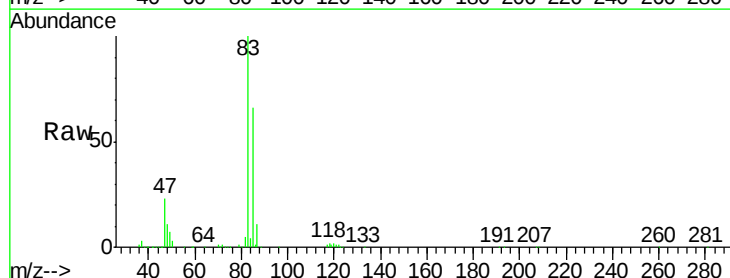
Manual Integrations
APPROVED

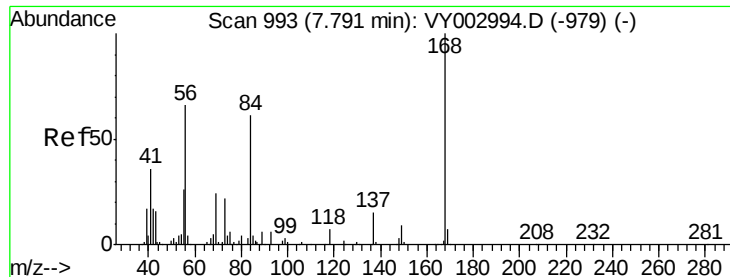
MMDadoda
6/26/2020 11:22:16 AM



#30
Chloroform
Concen: 51.032 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.6	78.8





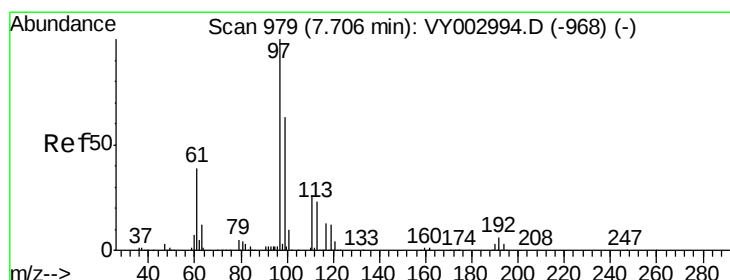
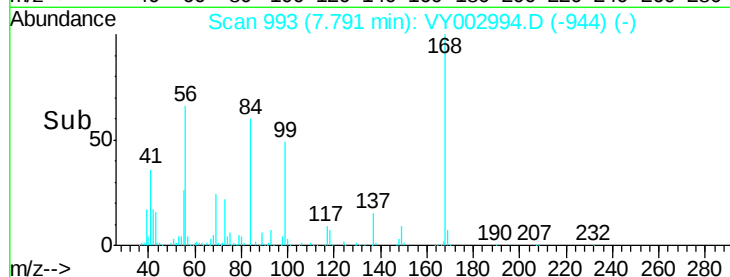
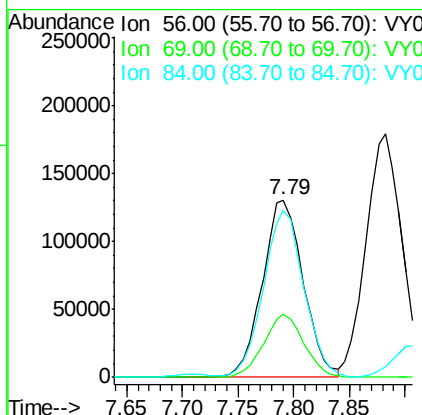
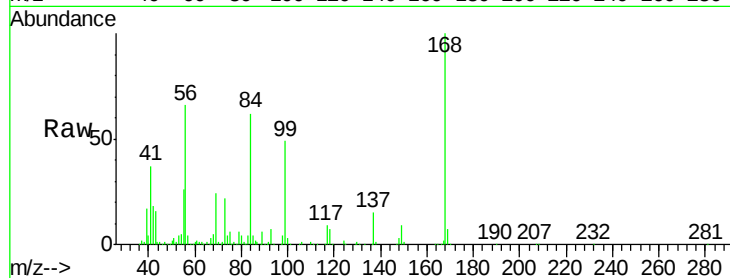
#31
Cvclohexane
Concen: 47.974 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.8	28.6	43.0
84	92.5	74.0	111.0

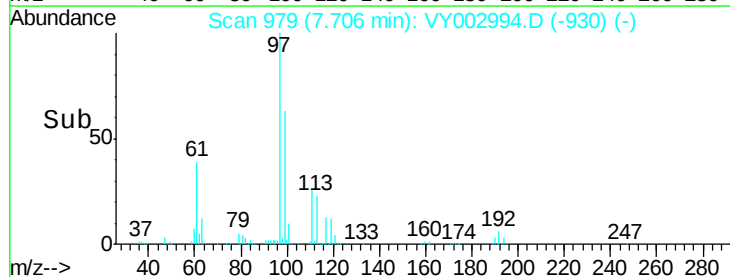
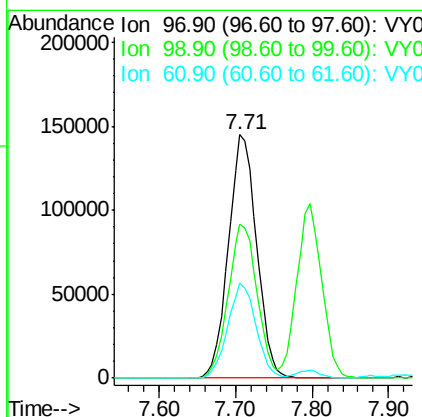
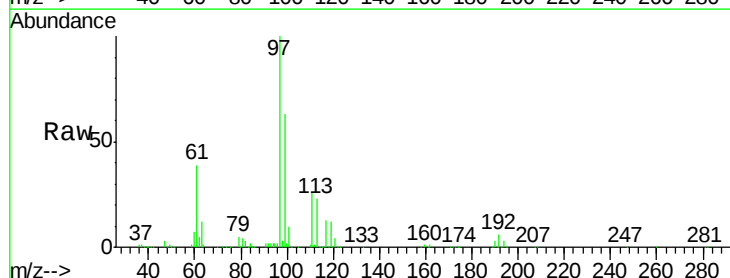
Manual Integrations
APPROVED

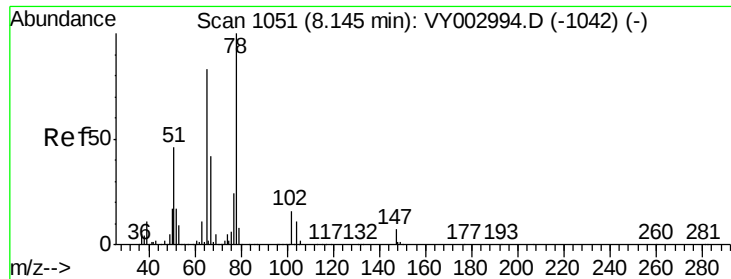
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6/26/2020 11:22:16 AM



#32
1,1,1-Trichloroethane
Concen: 52.850 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	38.8	31.0	46.6





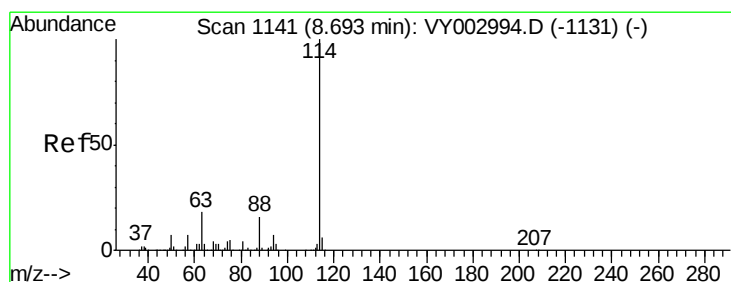
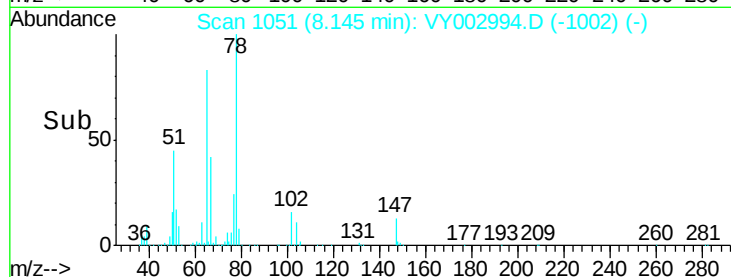
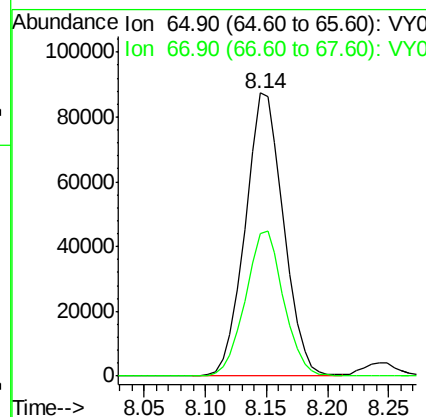
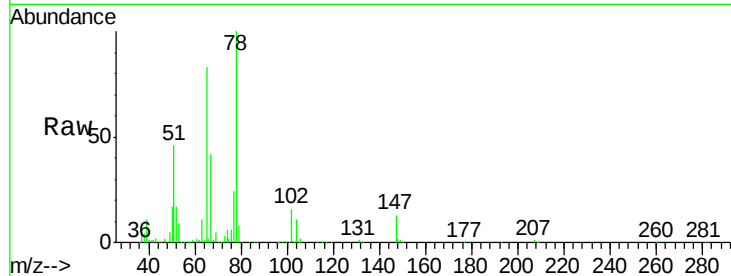
#33
 1,2-Dichloroethane-d4
 Concen: 47.389 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	190319		
67	51.1	0.0	102.2	

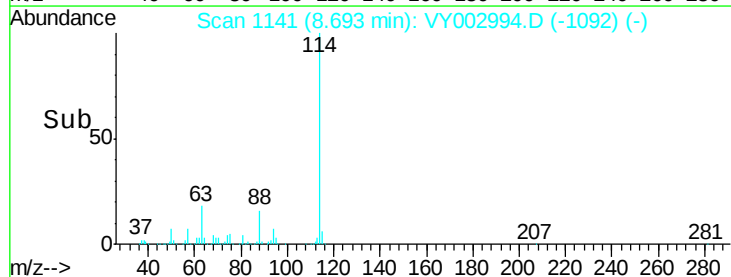
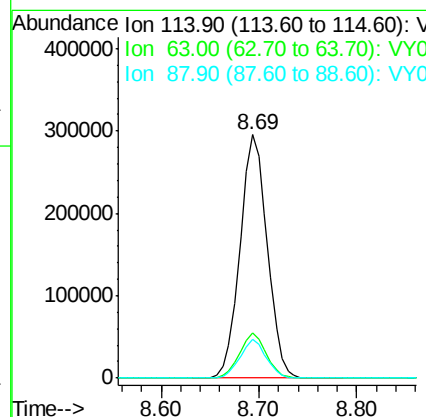
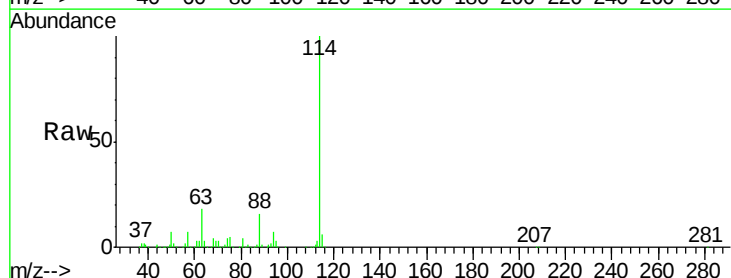
Manual Integrations
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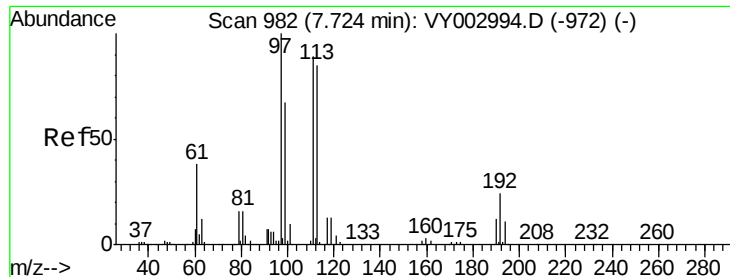
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	568673		
63	18.4	0.0	36.8	
88	15.8	0.0	31.6	





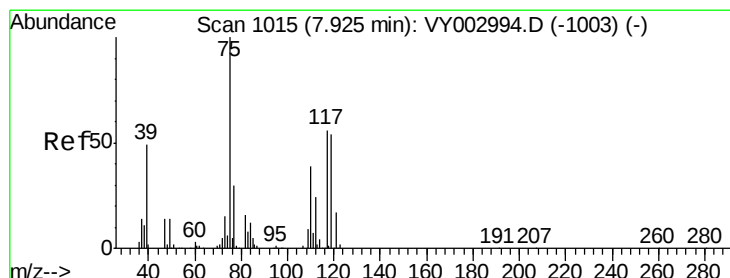
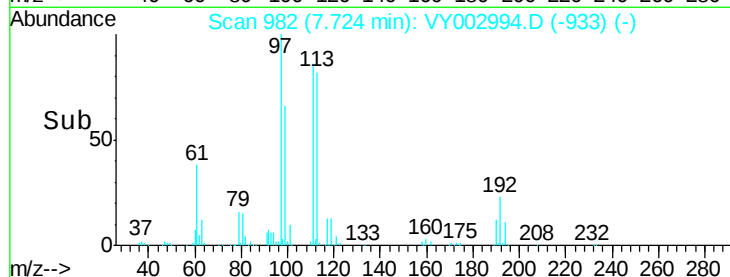
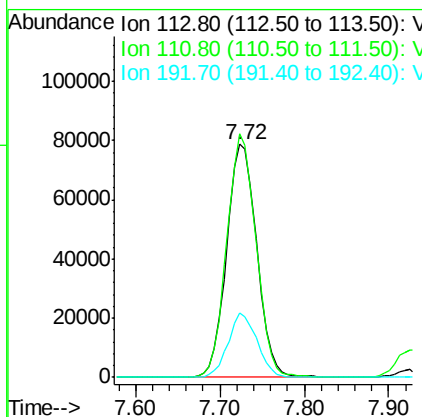
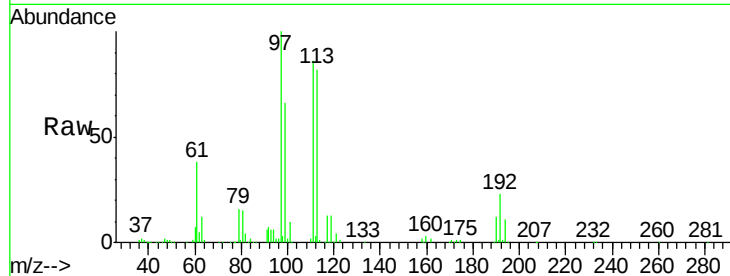
#35
 Dibromofluoromethane
 Concen: 58.232 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	191379		
111	101.5	81.2	121.8	
192	26.4	21.1	31.7	

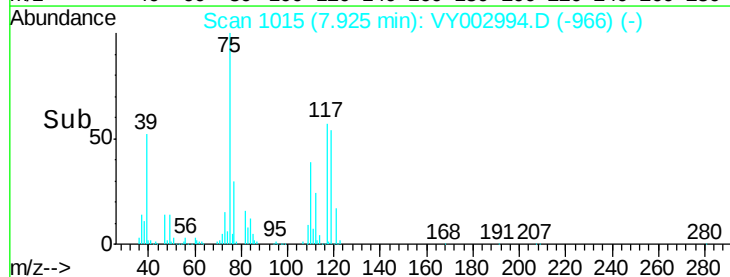
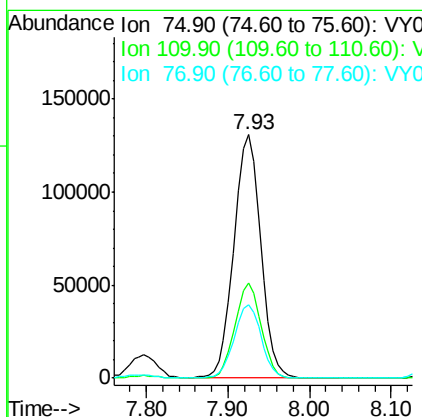
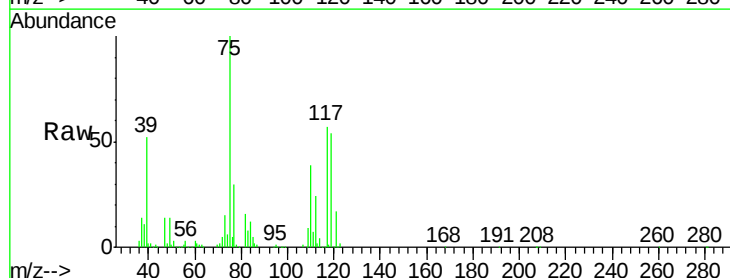
Manual Integrations
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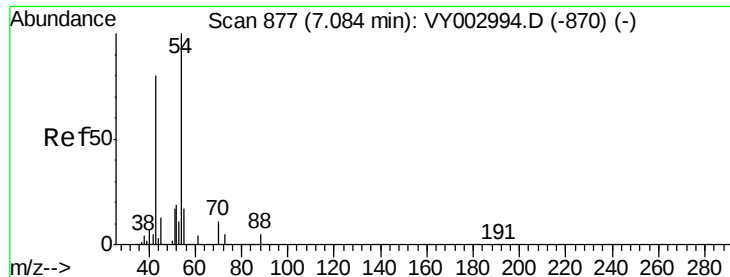
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#36
 1,1-Dichloropropene
 Concen: 61.967 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	297599		
110	37.9	18.9	56.9	
77	30.4	24.3	36.5	





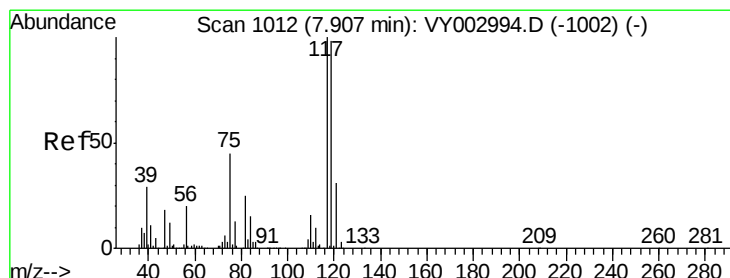
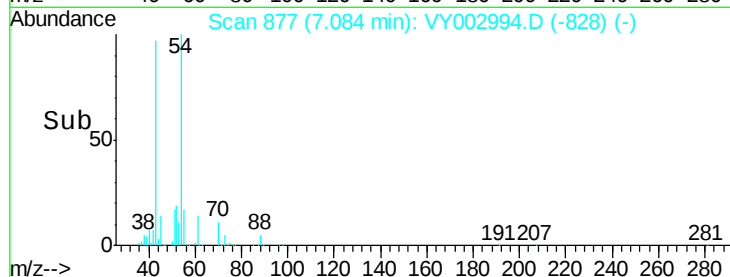
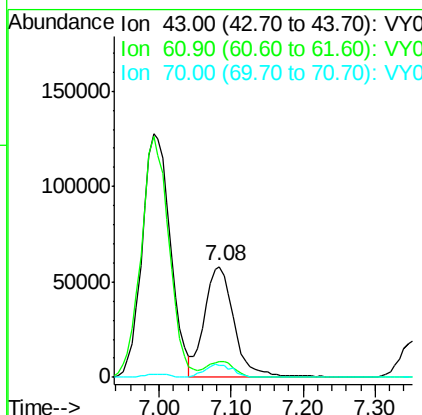
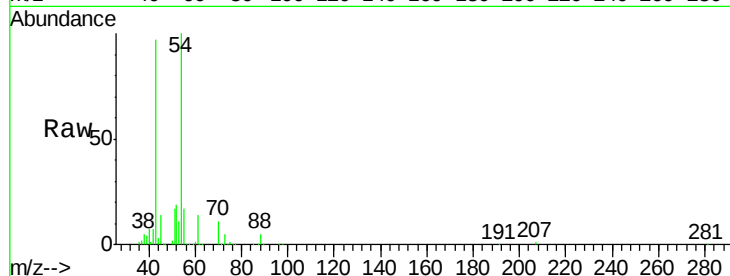
#37
Ethyl Acetate
Concen: 61.162 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.9	16.3
70	11.2	9.0	13.4

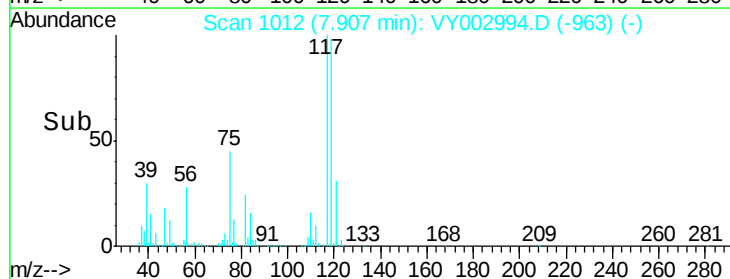
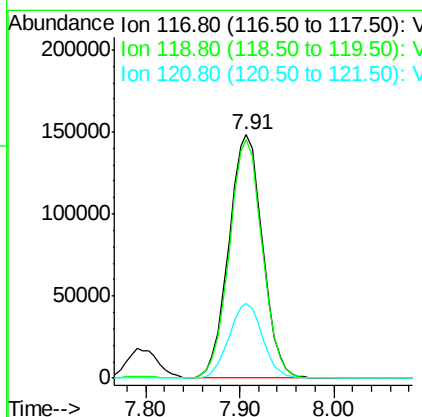
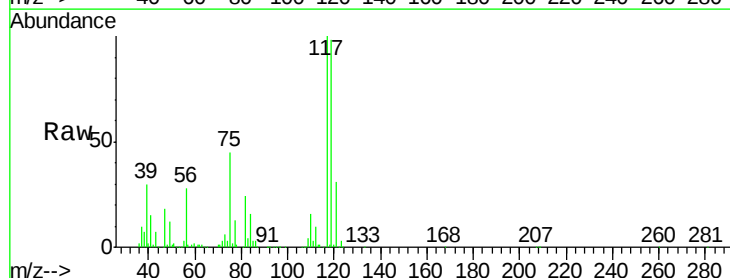
Manual Integrations
APPROVED

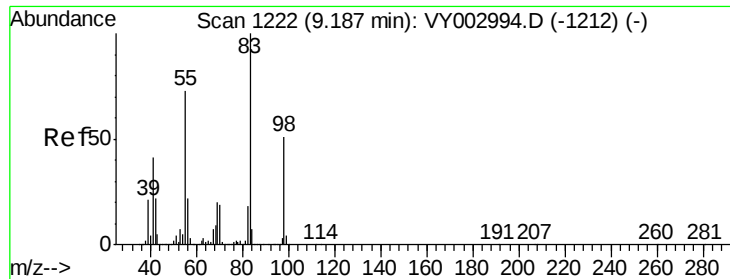
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#38
Carbon Tetrachloride
Concen: 67.975 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.2	117.4
121	30.6	24.5	36.7





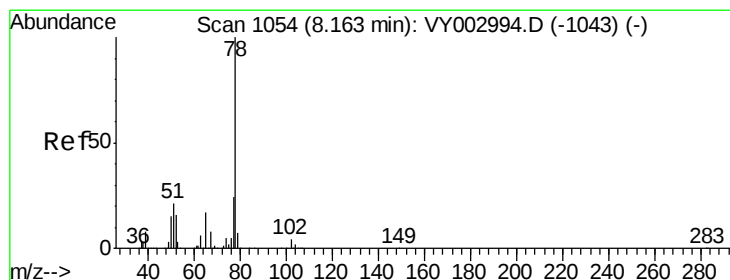
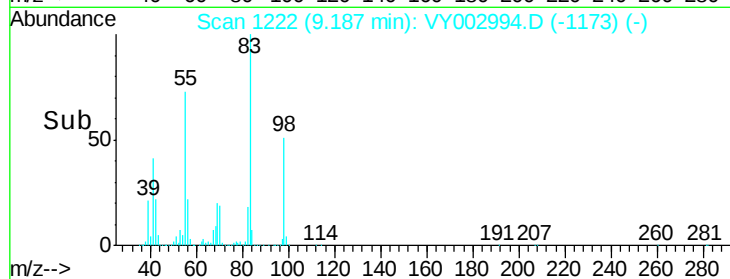
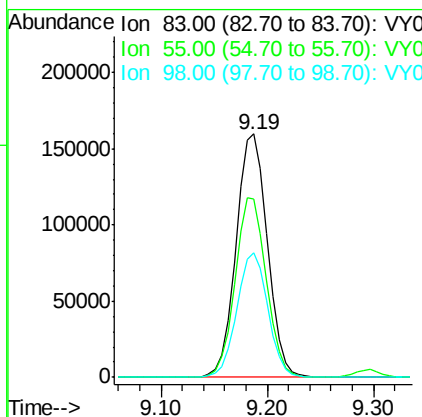
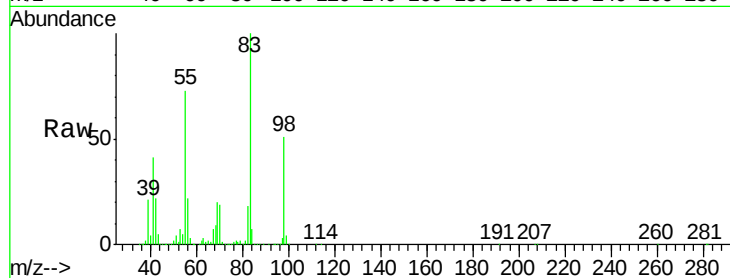
#39
Methvlcvclohexane
Concen: 53.987 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.2	58.6	87.8
98	51.3	41.0	61.6

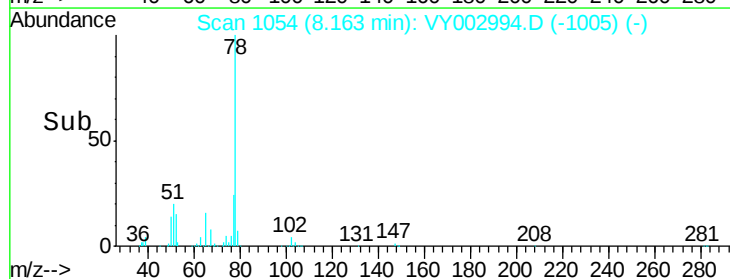
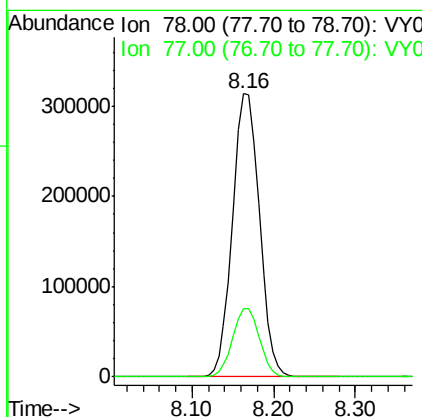
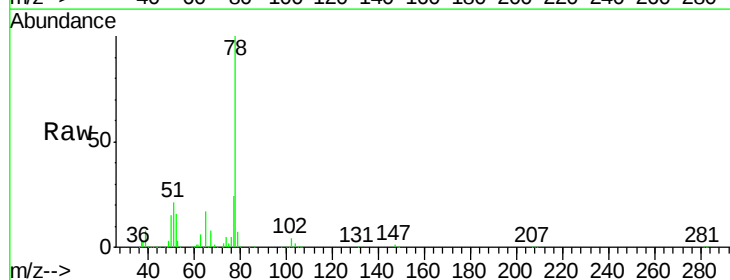
Manual Integrations
APPROVED

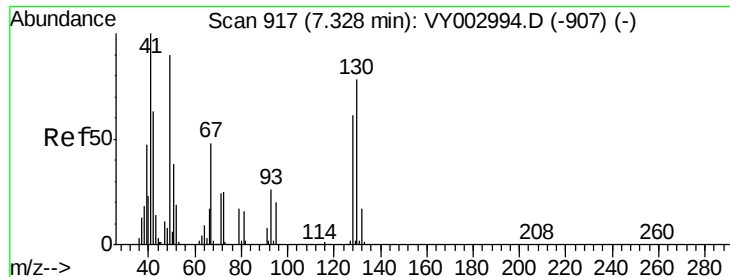
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#40
Benzene
Concen: 51.922 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8





#41

Methacrylonitrile

Concen: 65.057 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 84826

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

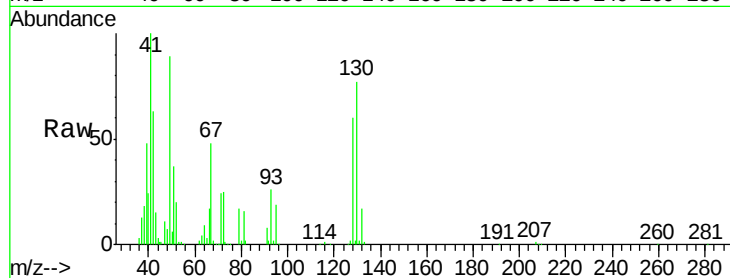
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
APPROVED

MMDadoda

6/26/2020 11:22:16 AM

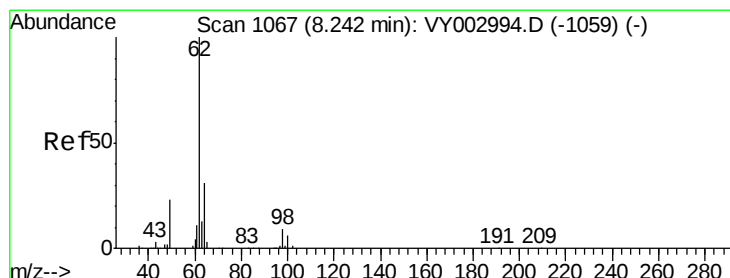
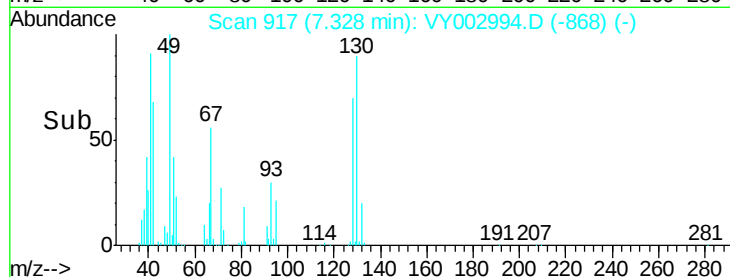
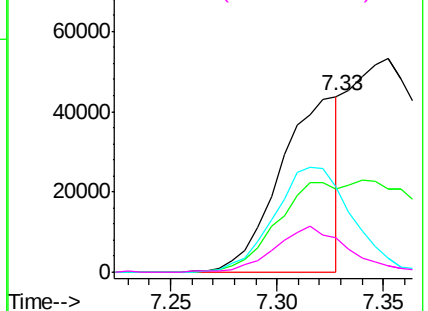


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 59.012 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002994.D

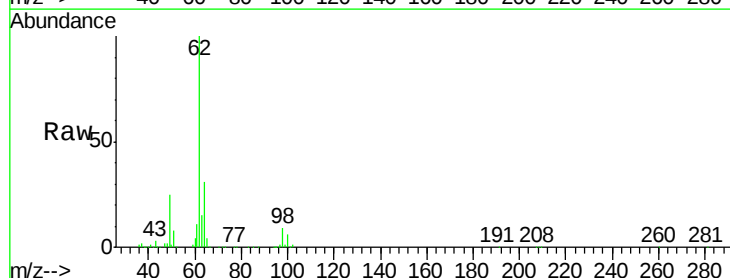
Acq: 25 Jun 2020 12:34

Tgt Ion: 62 Resp: 232394

Ion Ratio Lower Upper

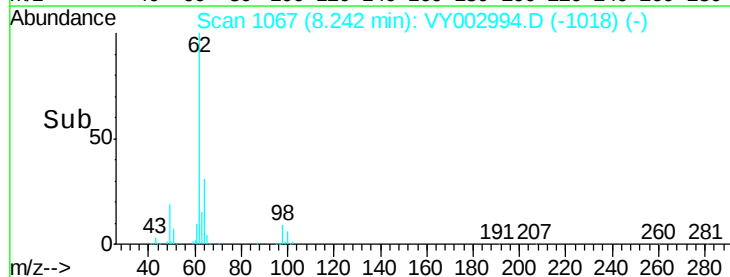
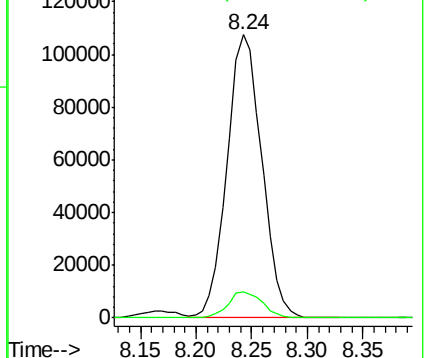
62 100

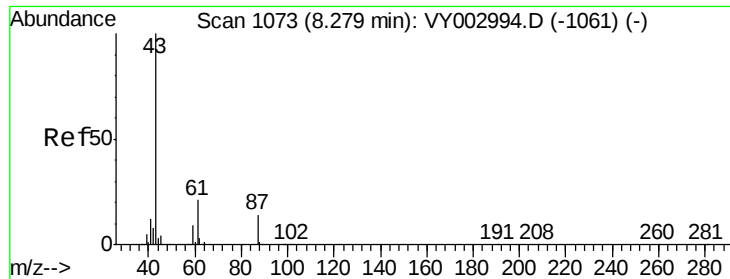
98 9.2 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 54.123 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

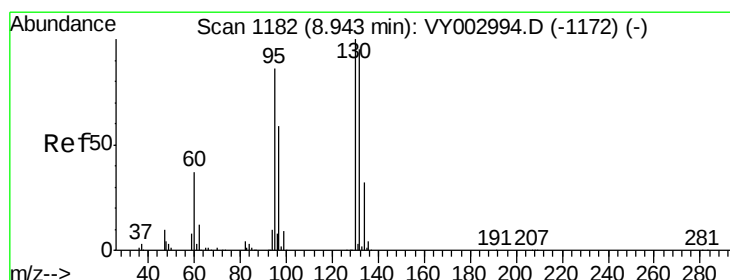
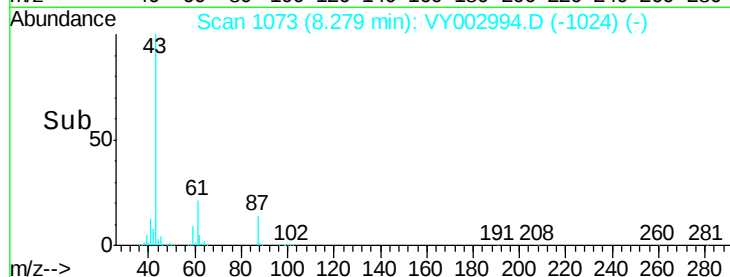
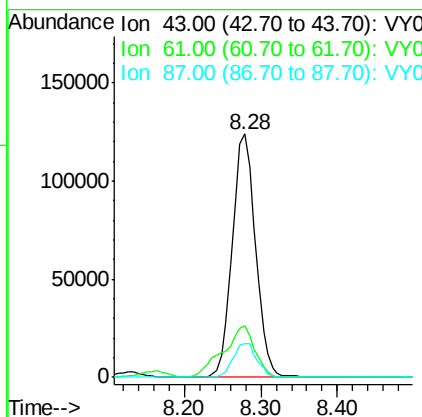
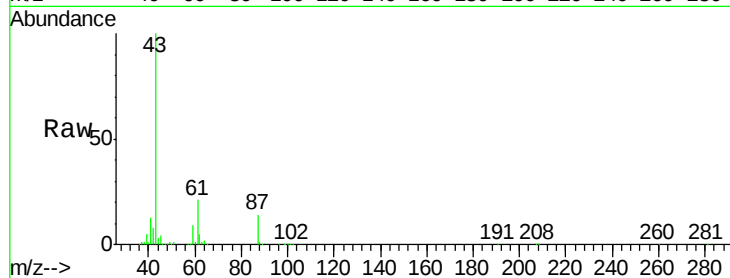
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	261134
Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.2	34.8
87	14.3	11.4	17.2

Manual Integrations
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#44

Trichloroethene

Concen: 54.733 ug/l

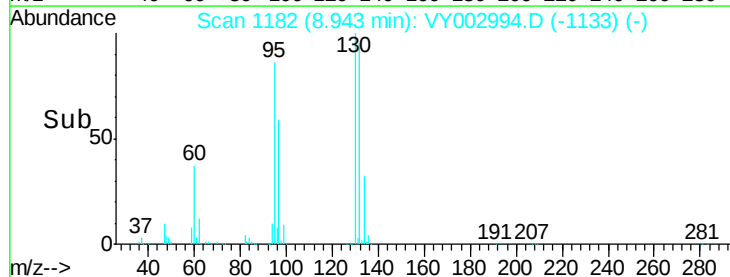
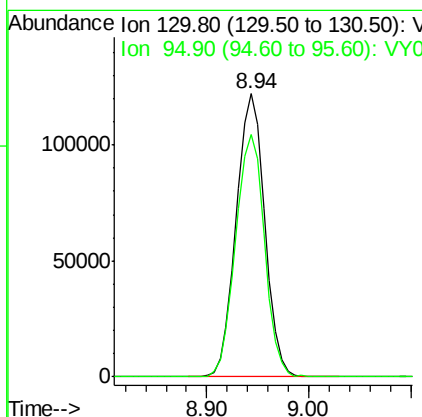
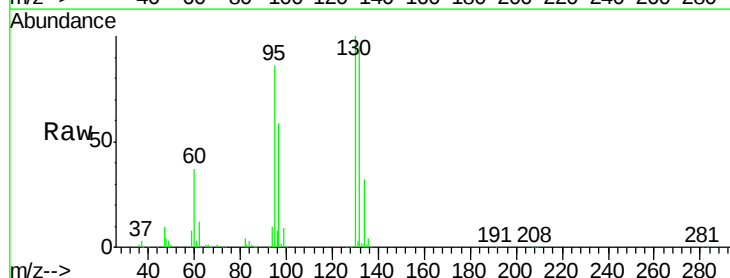
RT: 8.94 min Scan# 1182

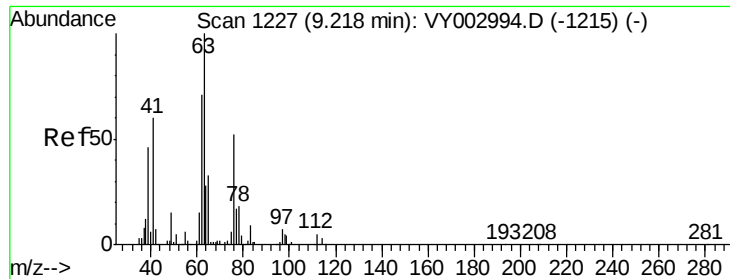
Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Tgt Ion:	130	Resp:	235530
Ion	Ratio	Lower	Upper
130	100		
95	85.7	0.0	171.4





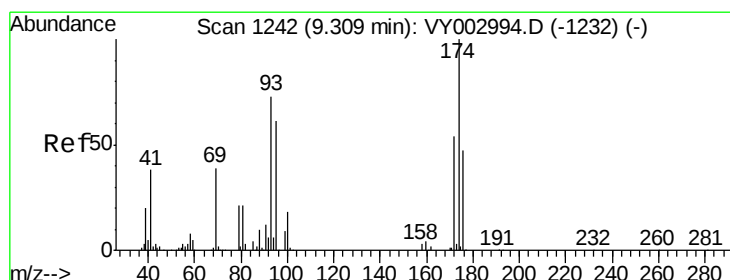
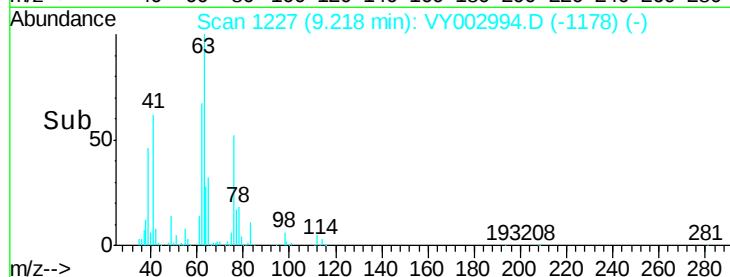
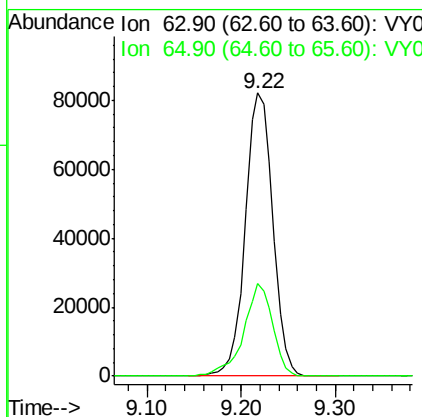
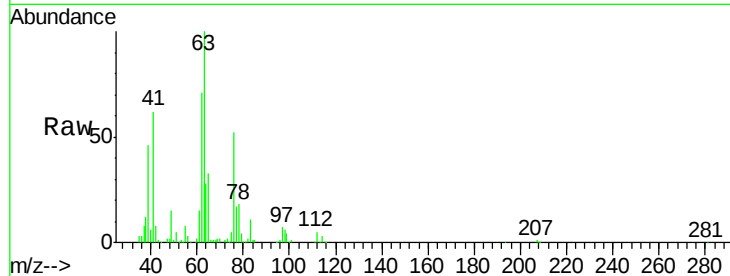
#45
 1,2-Dichloropropane
 Concen: 51.059 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	63	Resp	168406
Ion	Ratio	Lower	Upper
63	100		
65	32.8	26.2	39.4

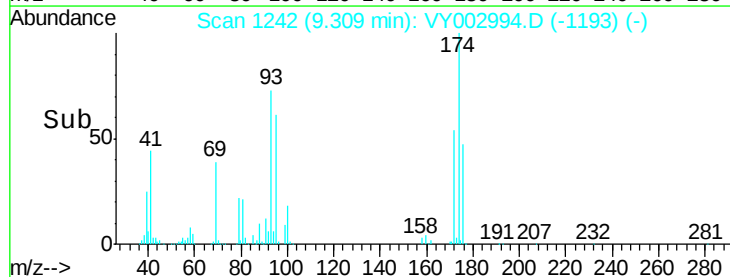
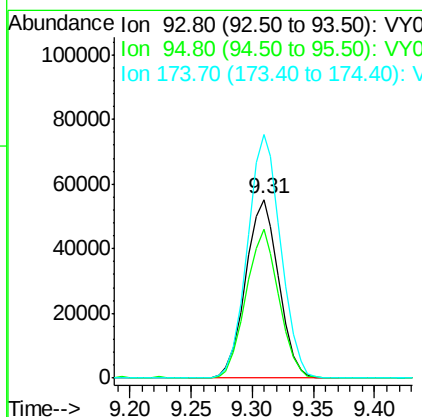
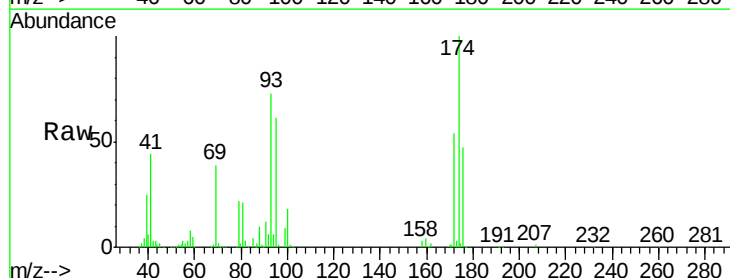
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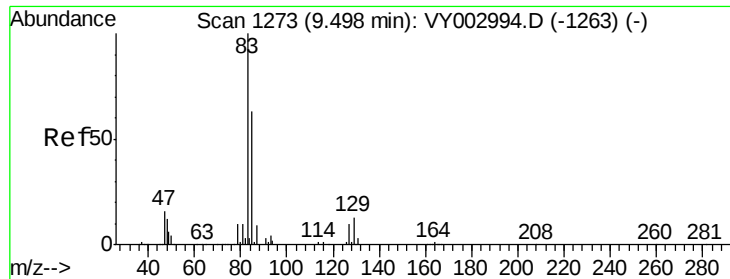
MMDadoda
 6/26/2020 11:22:16 AM



#46
 Dibromomethane
 Concen: 52.411 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion	93	Resp	103732
Ion	Ratio	Lower	Upper
93	100		
95	82.7	66.2	99.2
174	137.3	109.8	164.8





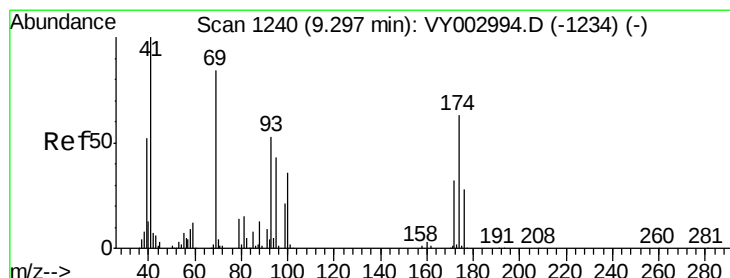
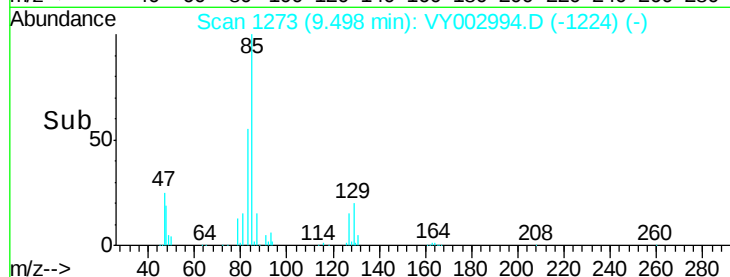
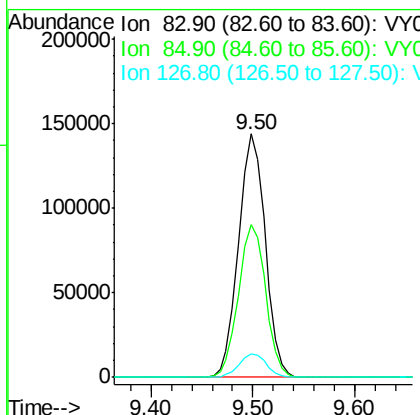
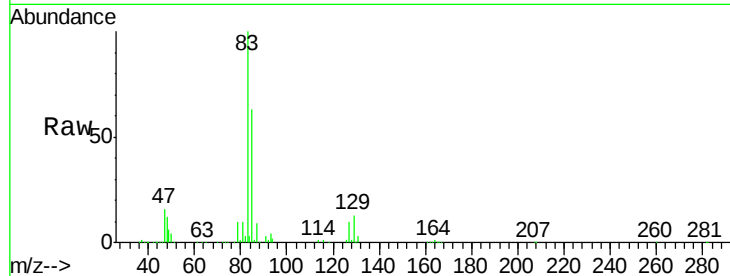
#47
Bromodichloromethane
Concen: 55.992 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	261691		
85	62.8		50.2	75.4
127	9.7		7.8	11.6

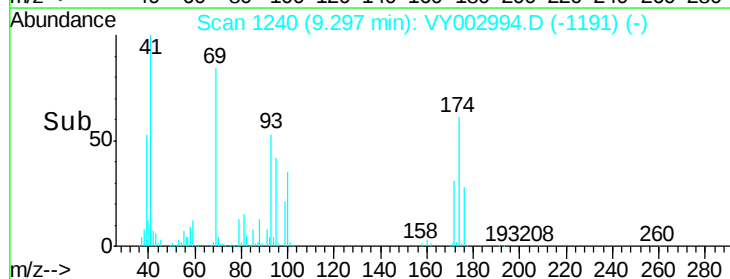
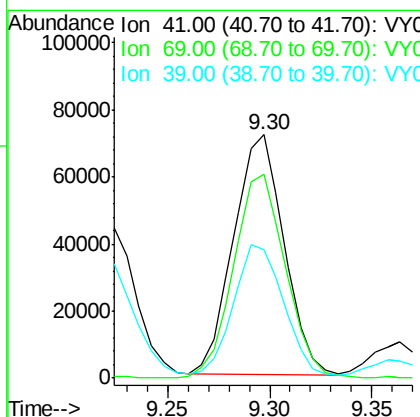
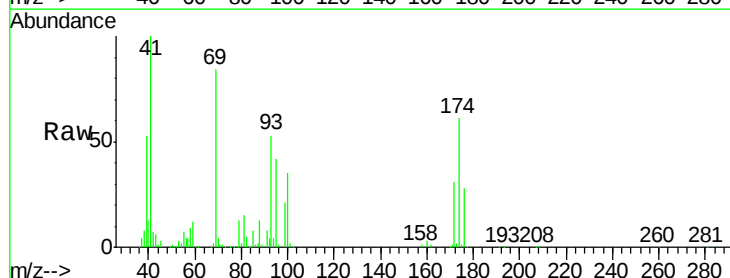
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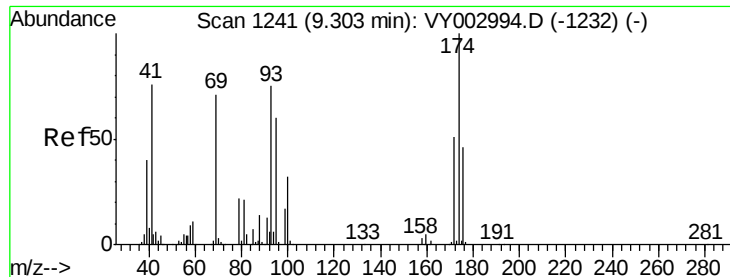
MMDadoda
6/26/2020 11:22:16 AM



#48
Methyl methacrylate
Concen: 56.421 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	123029		
69	87.7		70.2	105.2
39	56.3		45.0	67.6





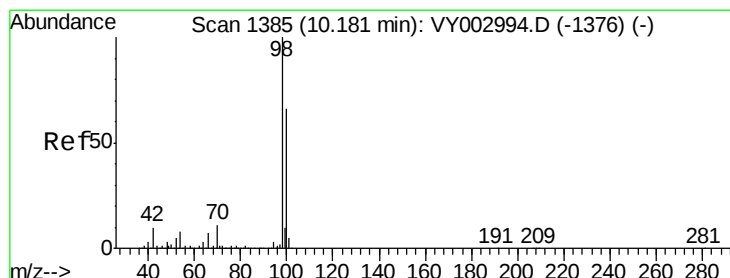
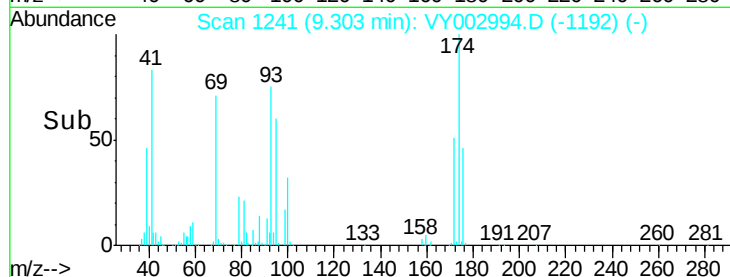
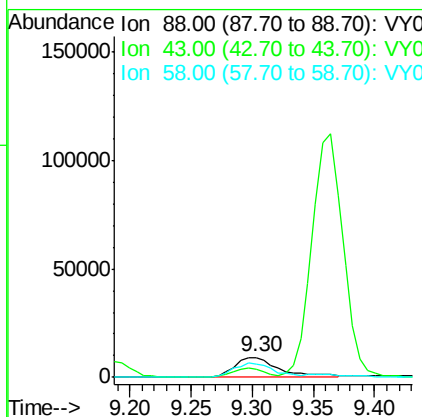
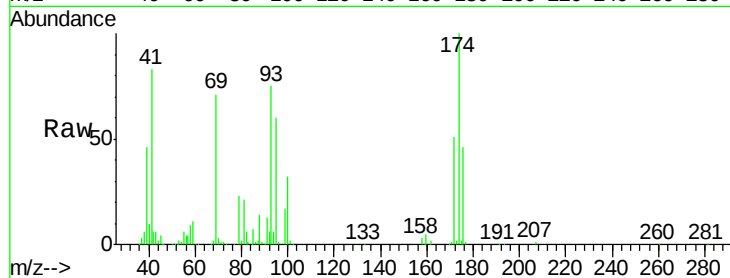
#49
1,4-Dioxane
Concen: 849.712 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	26.6	39.8
58	63.2	50.6	75.8

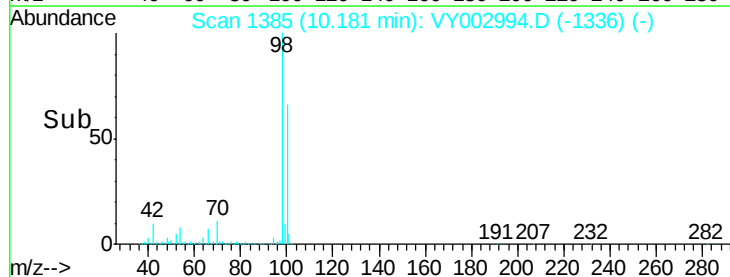
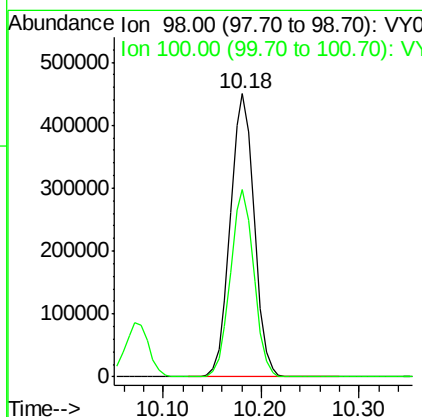
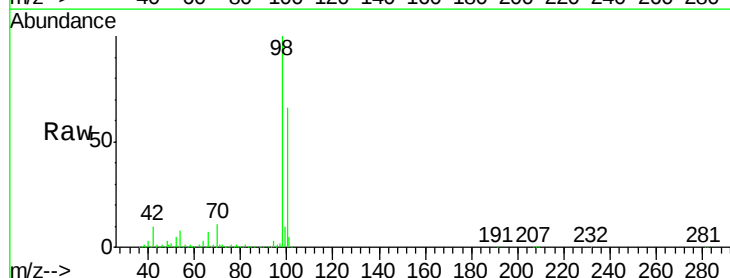
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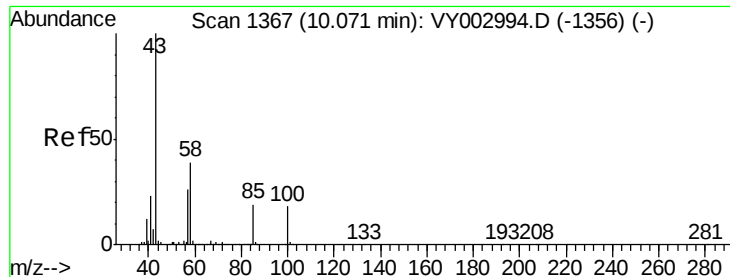
MMDadoda
6/26/2020 11:22:16 AM



#50
Toluene-d8
Concen: 58.823 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.0	78.0





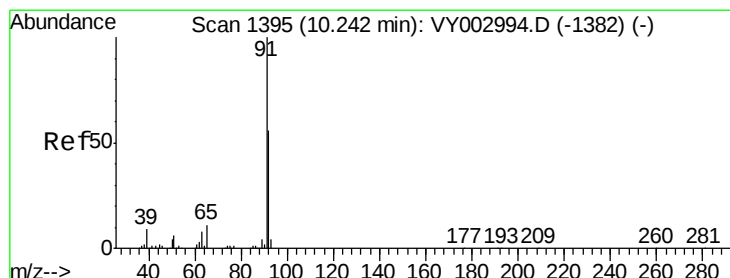
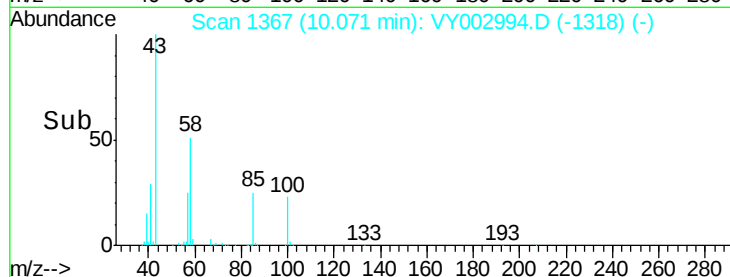
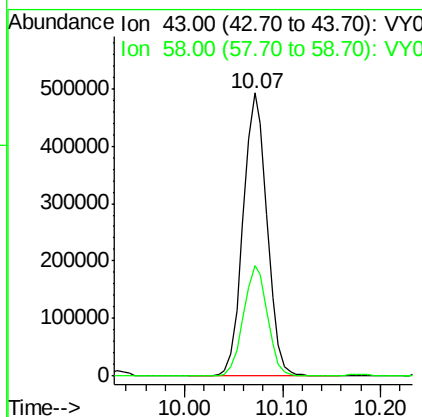
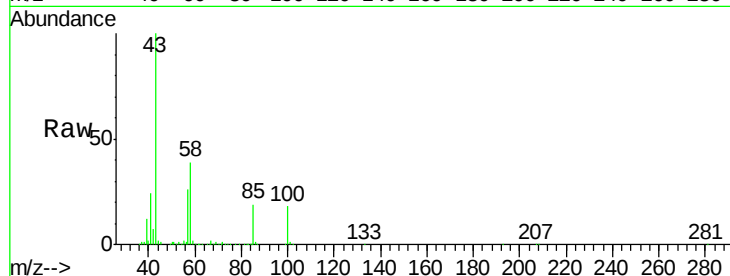
#51
4-Methyl-2-Pentanone
Concen: 314.644 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	833750
Ion Ratio	100	Lower	Upper
43	100		
58	39.2	31.4	47.0

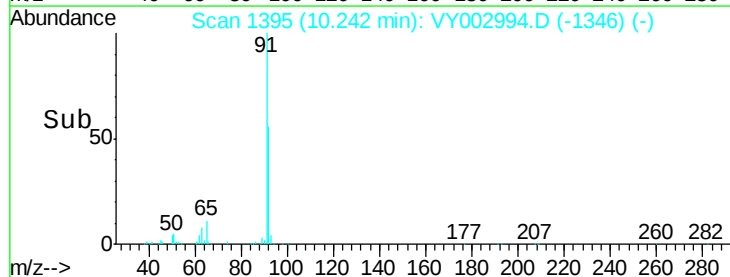
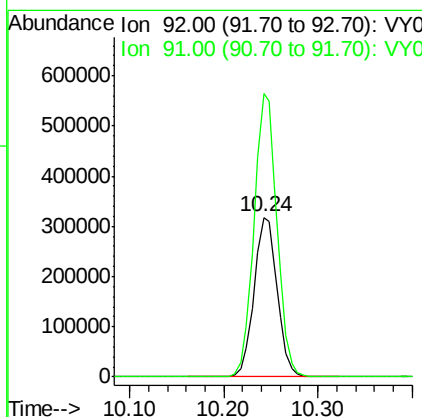
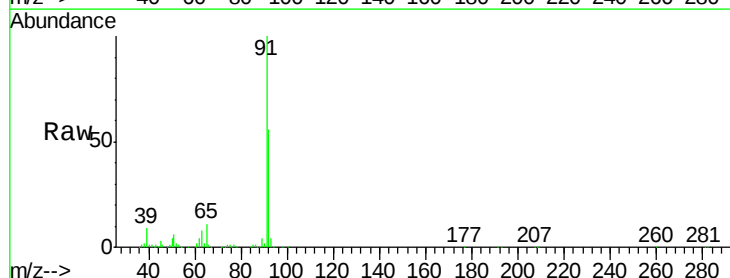
Manual Integrations
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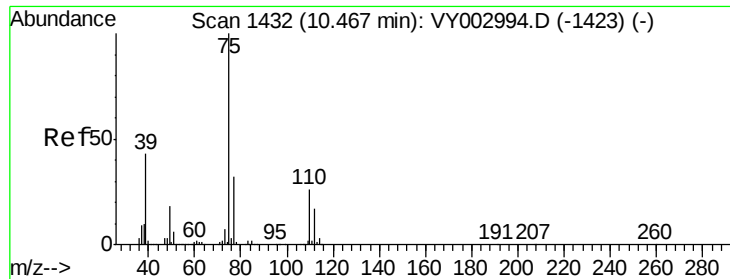
MMDadoda
6/26/2020 11:22:16 AM



#52
Toluene
Concen: 59.841 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	92	Resp	550466
Ion Ratio	100	Lower	Upper
92	100		
91	175.9	140.7	211.1





#53

t-1,3-Dichloropropene

Concen: 63.499 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 333541

Ion Ratio Lower Upper

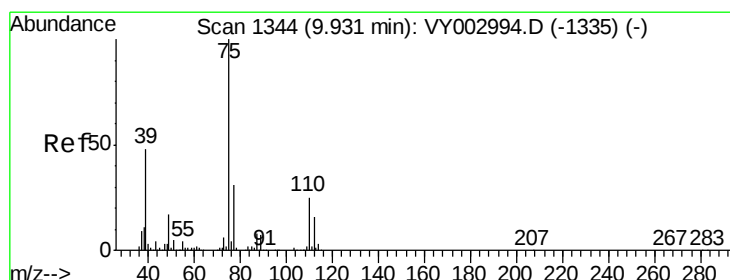
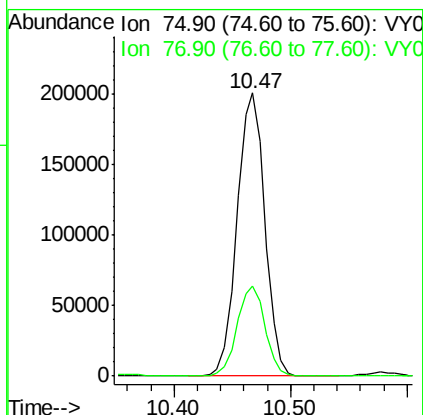
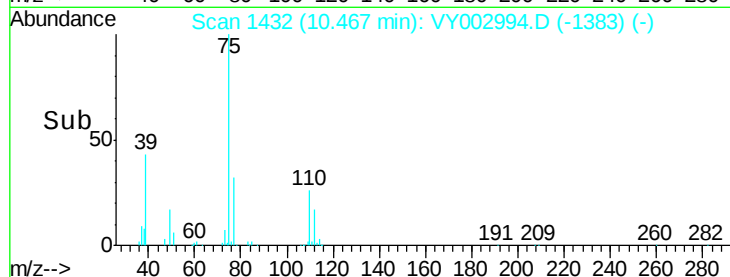
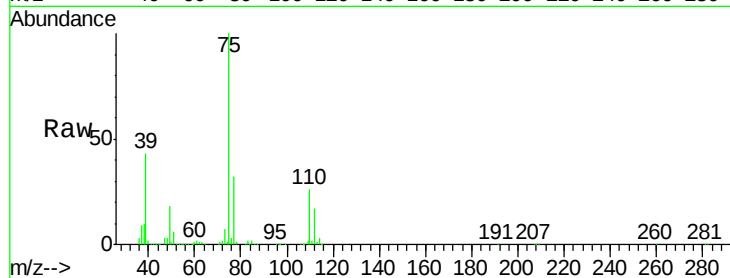
75 100

77 31.8 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 62.412 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

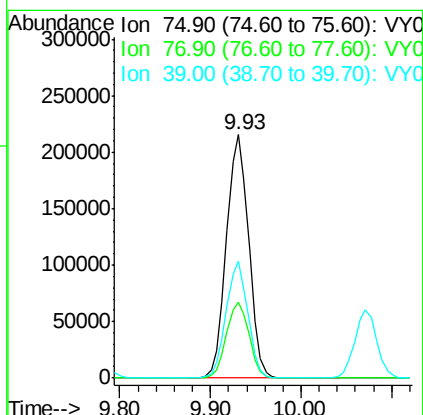
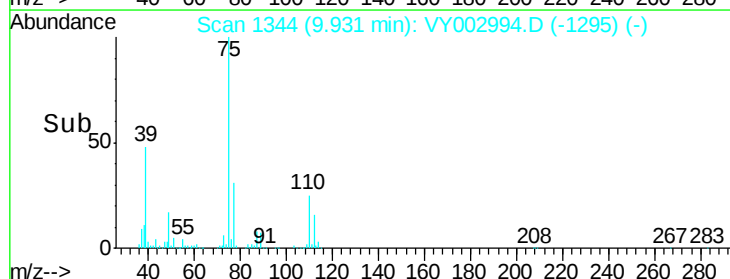
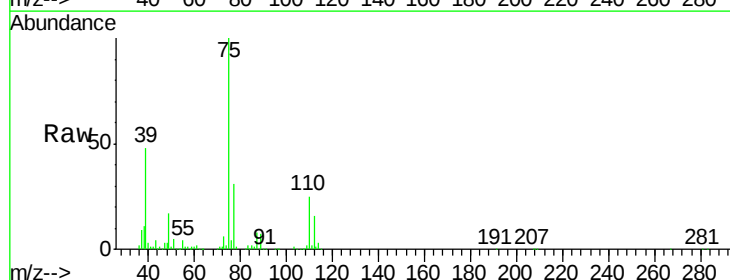
Tgt Ion: 75 Resp: 368277

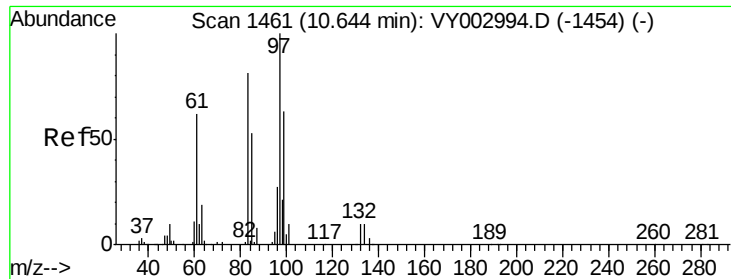
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 48.0 38.4 57.6





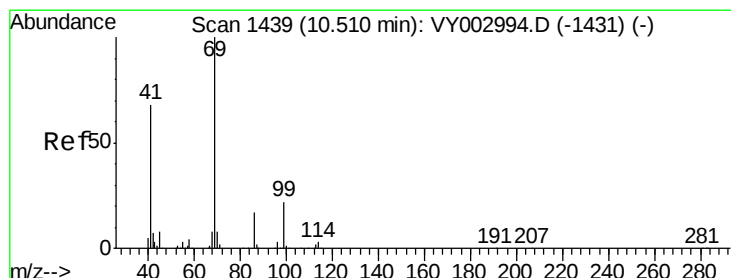
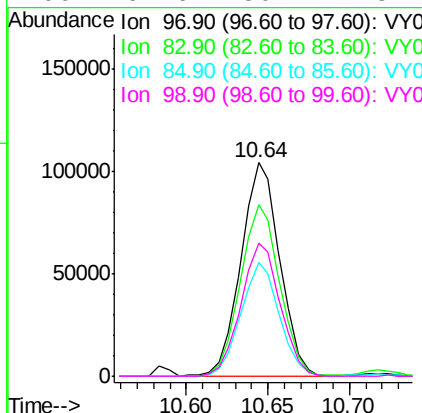
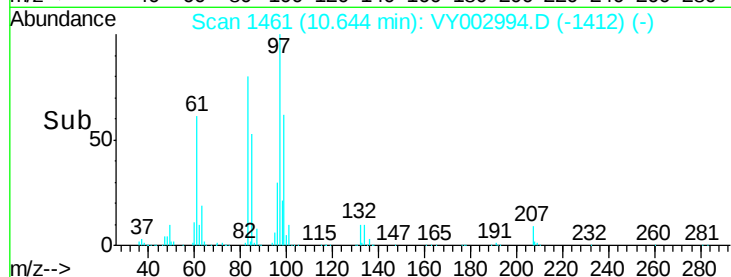
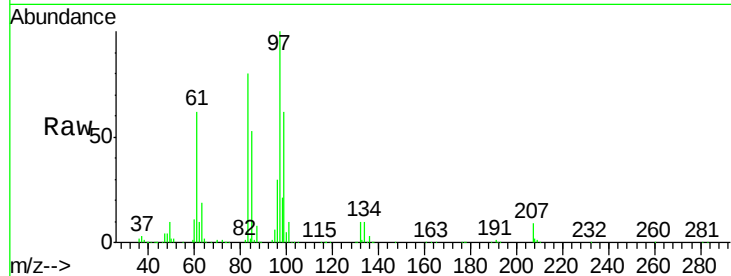
#55
 1,1,2-Trichloroethane
 Concen: 56.901 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		171513		
83	80.7	64.6	96.8		
85	53.2	42.6	63.8		
99	62.6	50.1	75.1		

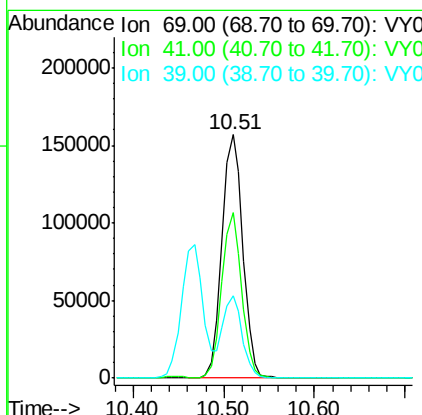
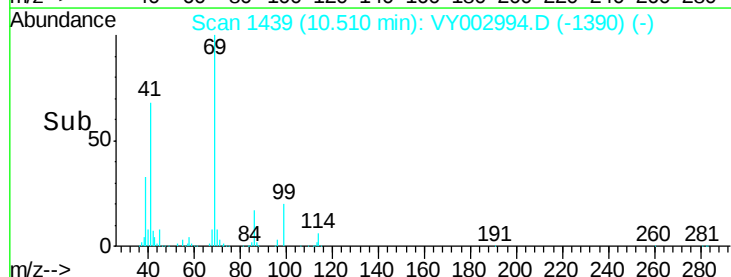
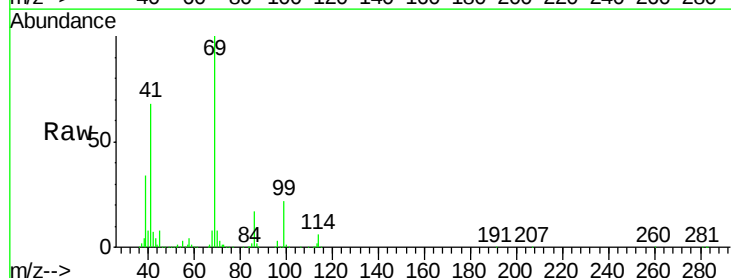
Manual Integrations
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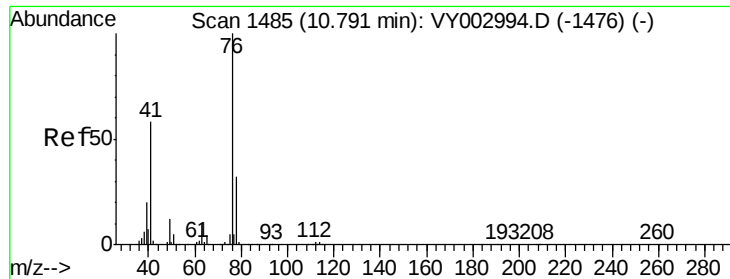
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 6/26/2020 11:22:16 AM



#56
 Ethyl methacrylate
 Concen: 61.349 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		252161		
41	64.2	51.4	77.0		
39	30.5	24.4	36.6		





#57

1,3-Dichloropropane

Concen: 60.220 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 306095

Ion Ratio Lower Upper

76 100

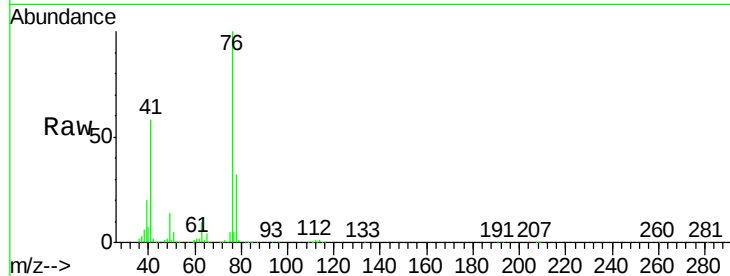
78 32.2 25.8 38.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

200000

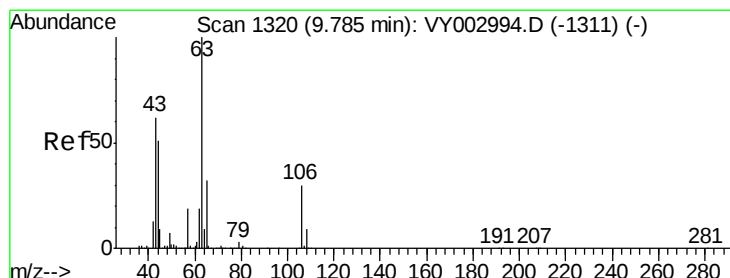
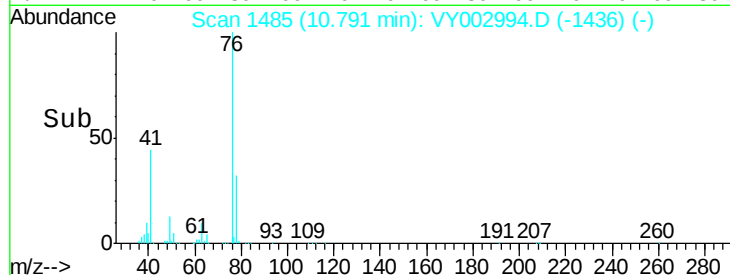
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 287.709 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002994.D

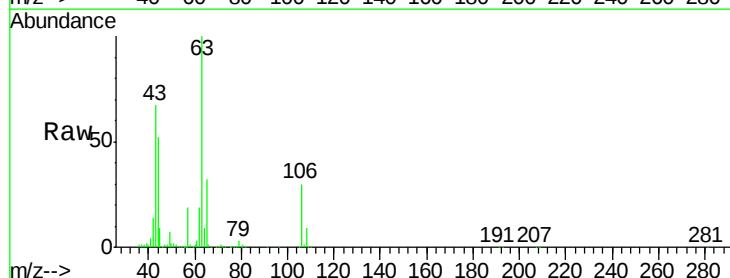
Acq: 25 Jun 2020 12:34

Tgt Ion: 63 Resp: 574360

Ion Ratio Lower Upper

63 100

106 31.6 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

400000

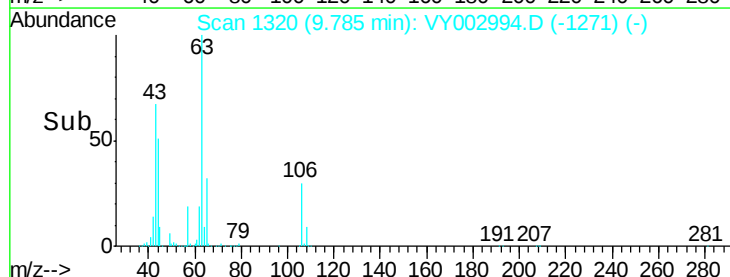
300000

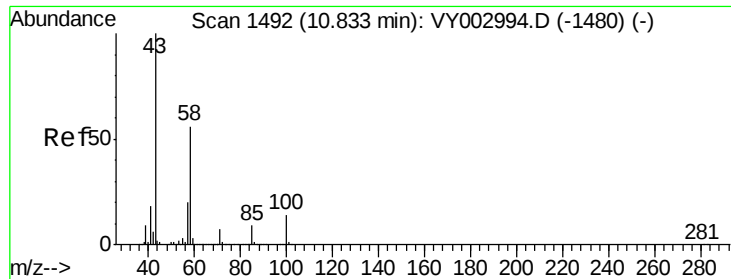
200000

100000

0

Time-->





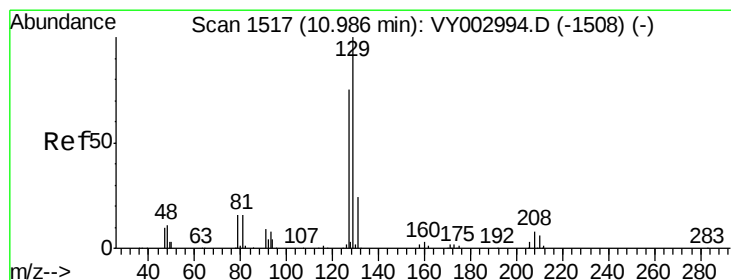
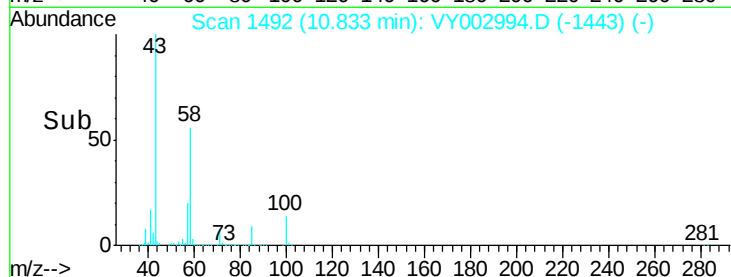
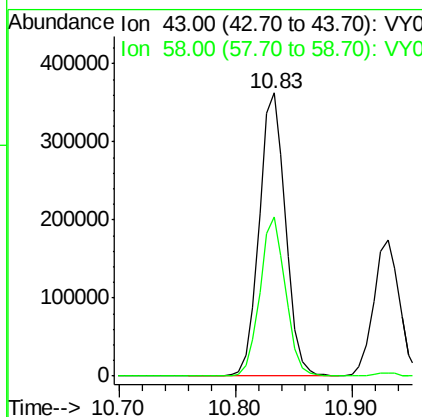
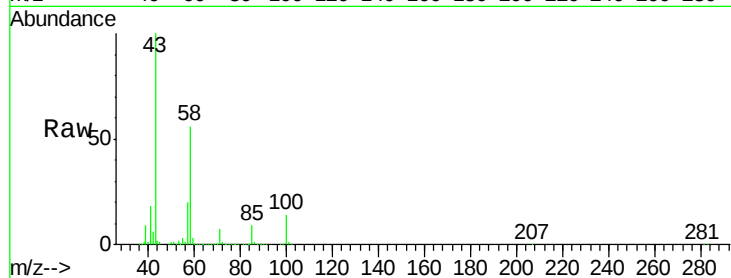
#59
2-Hexanone
Concen: 308.986 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 571288
Ion Ratio Lower Upper
43 100
58 54.7 27.4 82.0

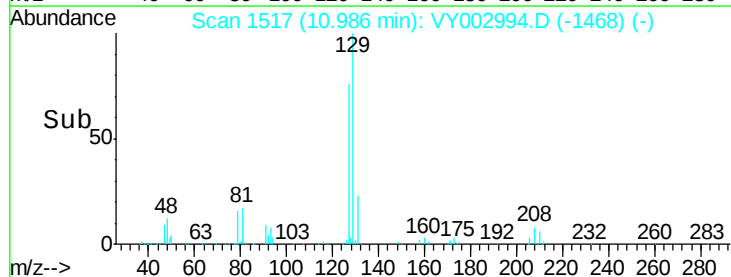
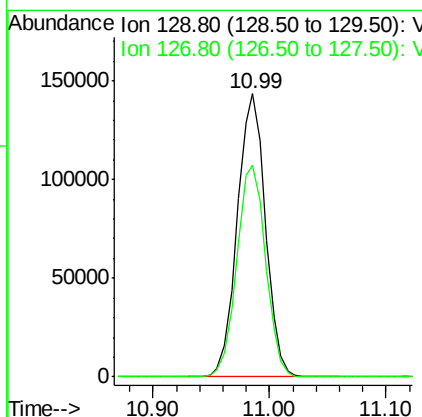
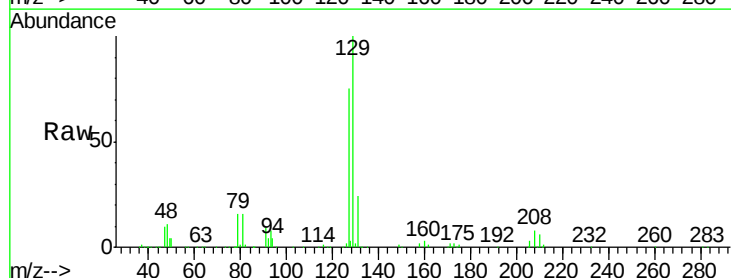
Manual Integrations
APPROVED

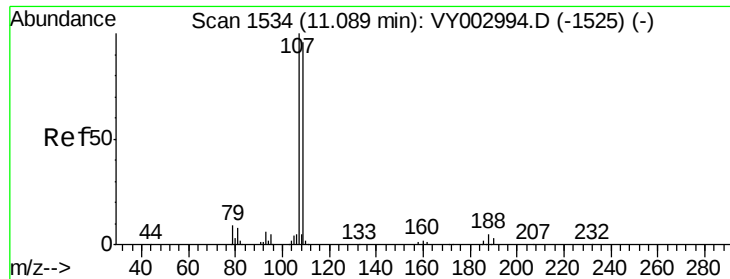
MMDadoda
6/26/2020 11:22:16 AM



#60
Dibromochloromethane
Concen: 61.836 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion: 129 Resp: 242007
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8





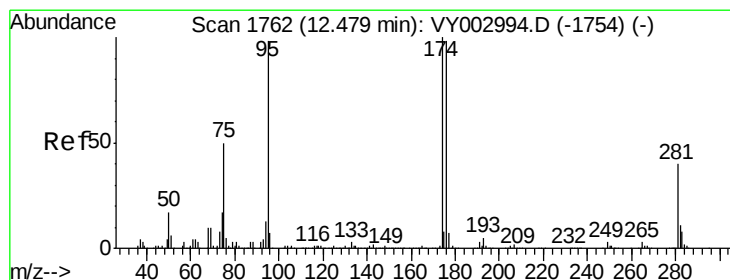
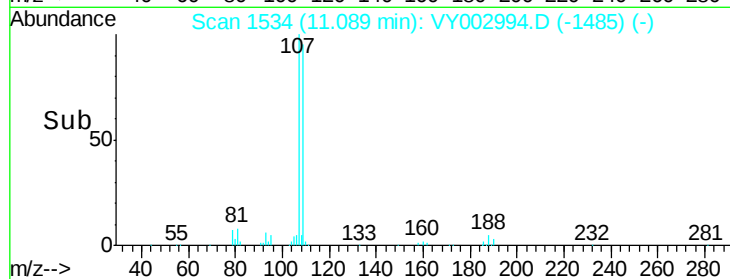
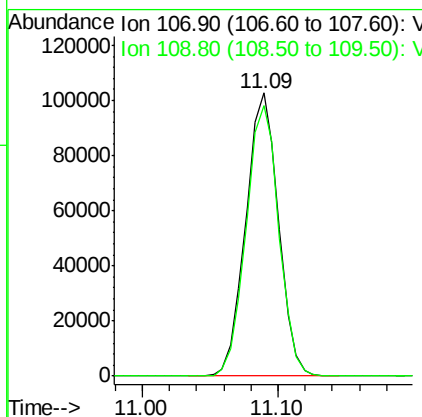
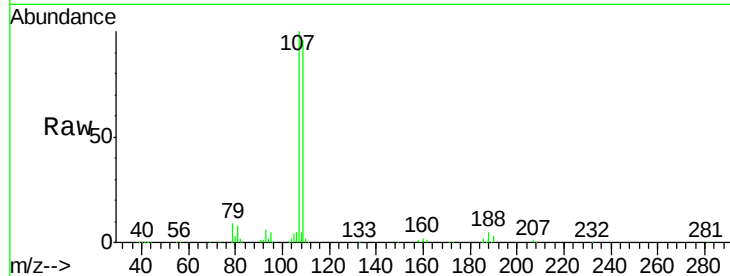
#61
 1,2-Dibromoethane
 Concen: 57.723 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion: 107 Resp: 172706
 Ion Ratio Lower Upper
 107 100
 109 96.1 76.9 115.3

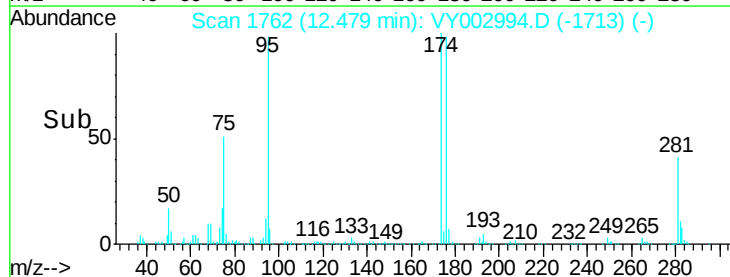
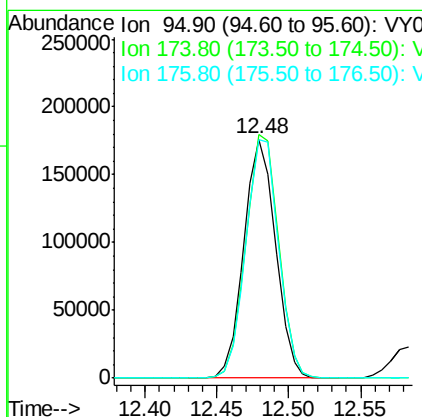
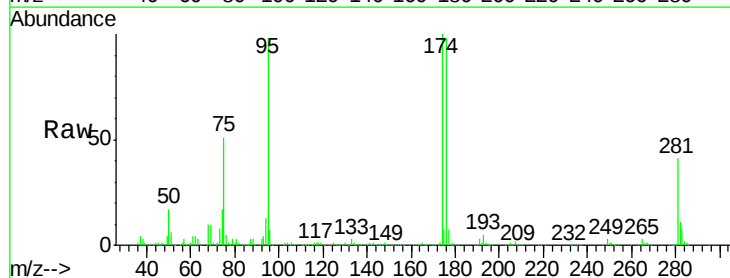
Manual Integrations
 APPROVED

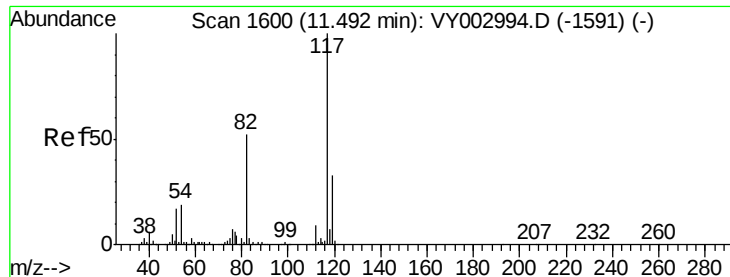
MMDadoda
 6/26/2020 11:22:16 AM



#62
 4-Bromofluorobenzene
 Concen: 59.484 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion: 95 Resp: 268806
 Ion Ratio Lower Upper
 95 100
 174 104.6 0.0 209.2
 176 103.1 0.0 206.2





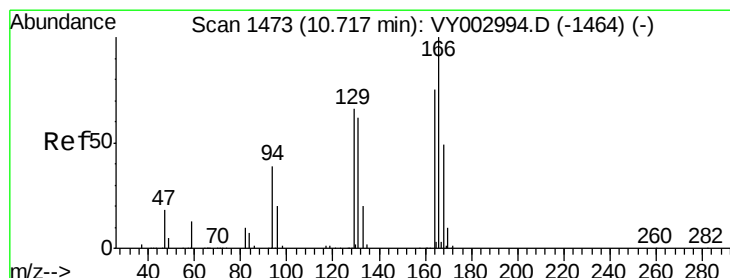
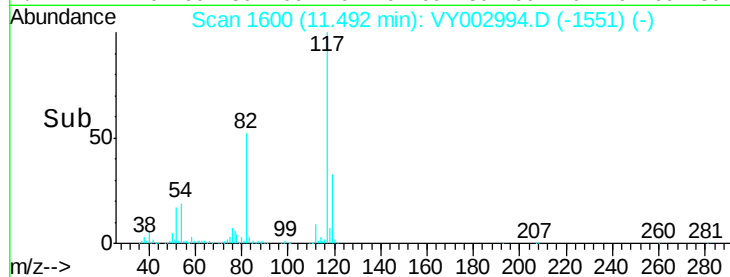
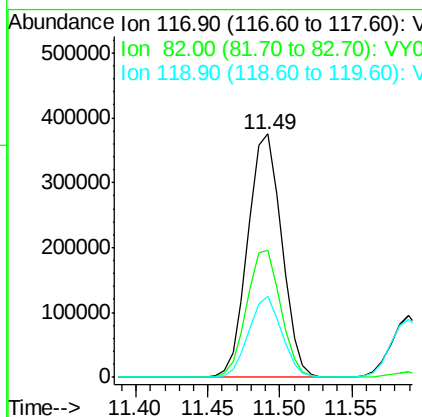
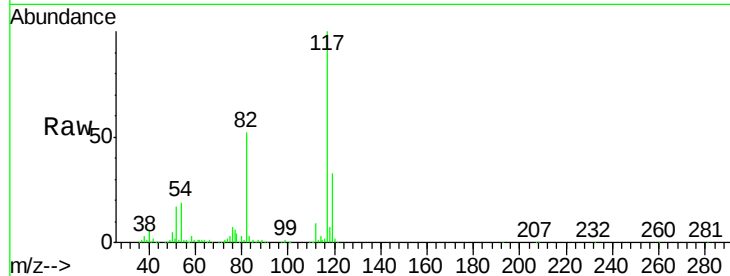
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.8	62.8
119	33.4	26.7	40.1

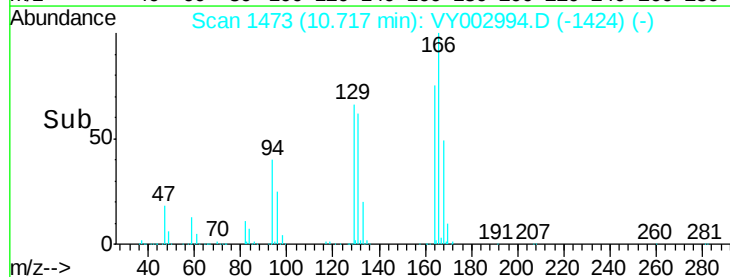
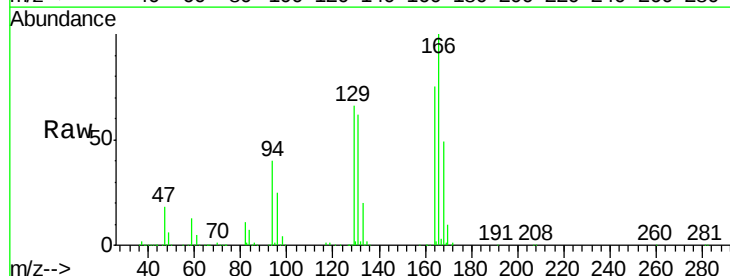
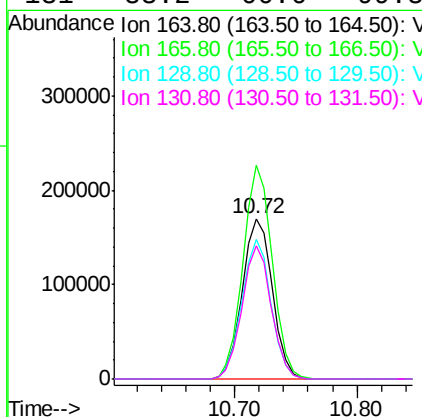
Manual Integrations
APPROVED

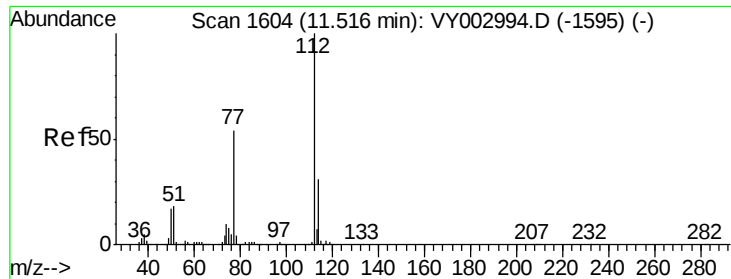
MMDadoda
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#64
Tetrachloroethene
Concen: 55.720 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.5	106.8	160.2
129	87.4	69.9	104.9
131	83.2	66.6	99.8





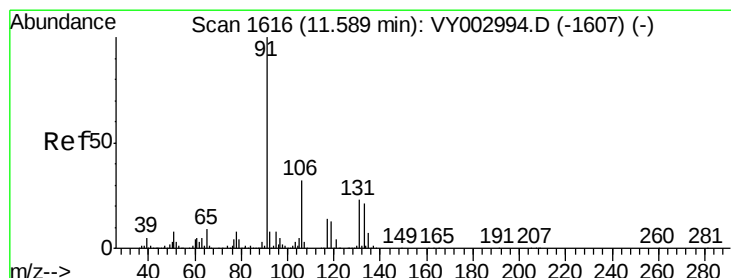
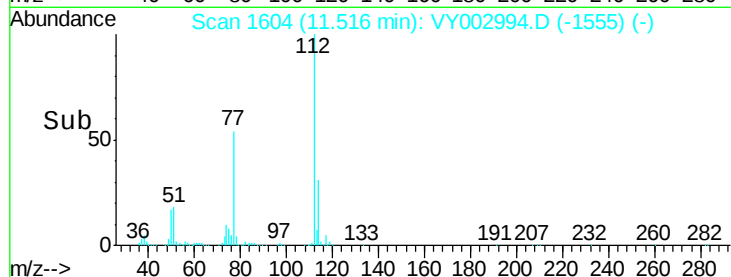
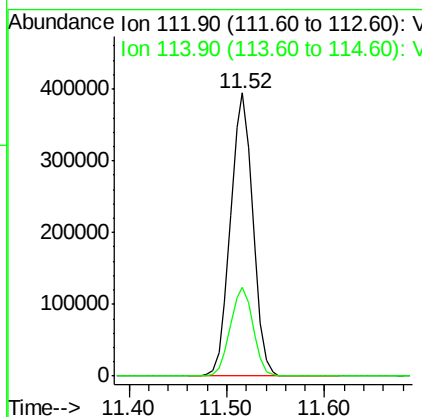
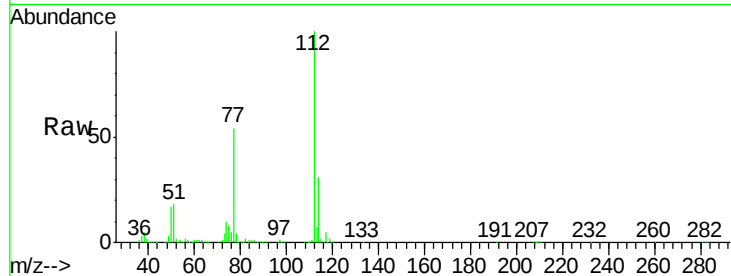
#65
Chlorobenzene
Concen: 53.633 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 626172
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

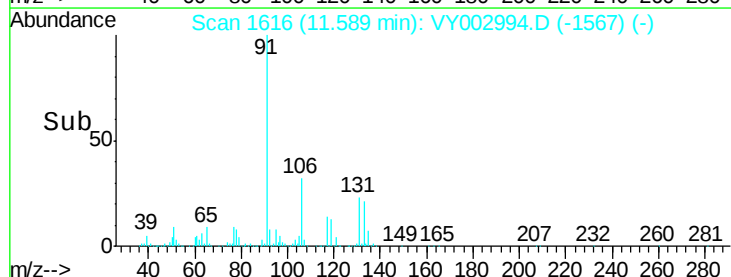
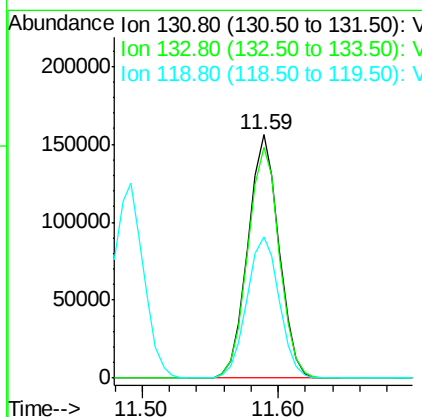
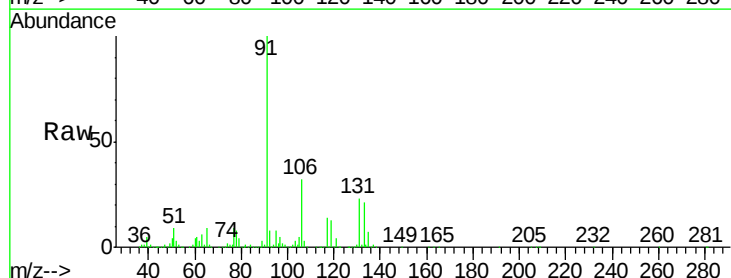
Manual Integrations
APPROVED

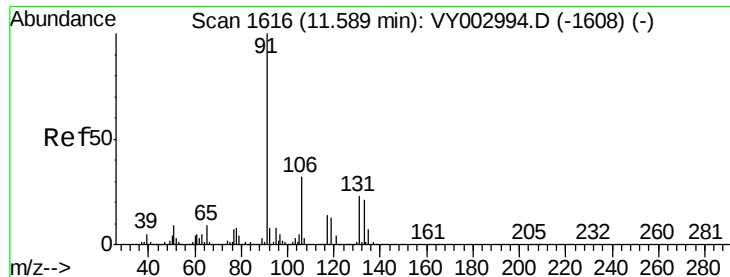
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.274 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion:131 Resp: 250371
Ion Ratio Lower Upper
131 100
133 96.4 48.2 144.6
119 60.3 30.1 90.5





#67

Ethyl Benzene

Concen: 53.982 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 1086182

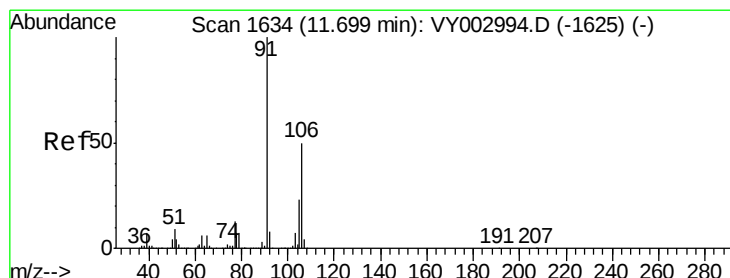
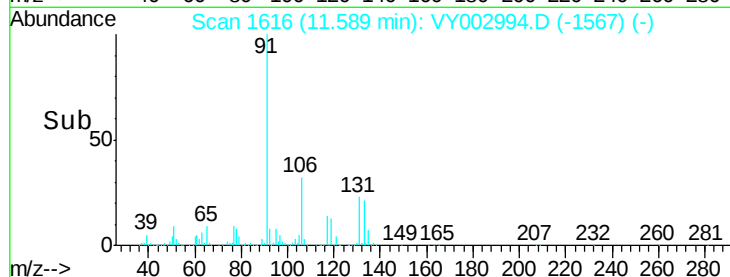
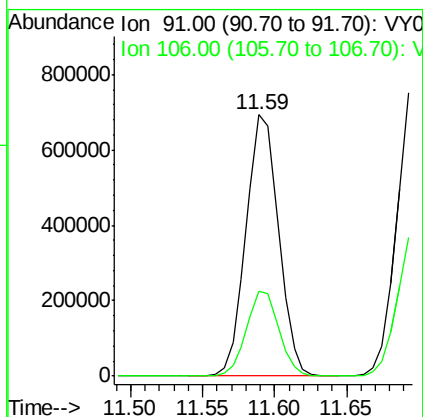
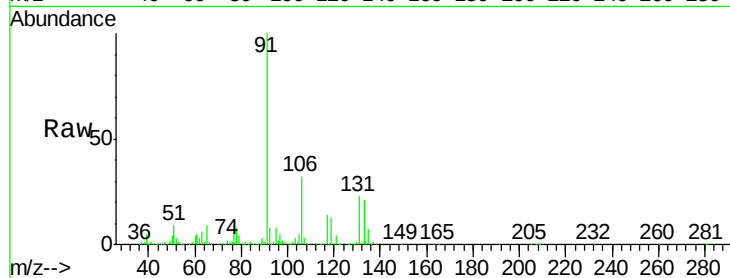
Ion Ratio Lower Upper

91 100

106 32.4 25.9 38.9

Manual Integrations
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#68

m/p-Xylenes

Concen: 107.363 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002994.D

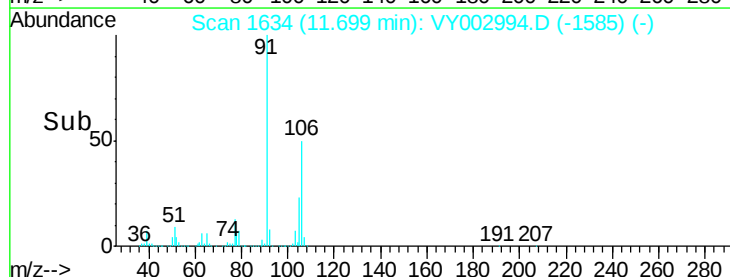
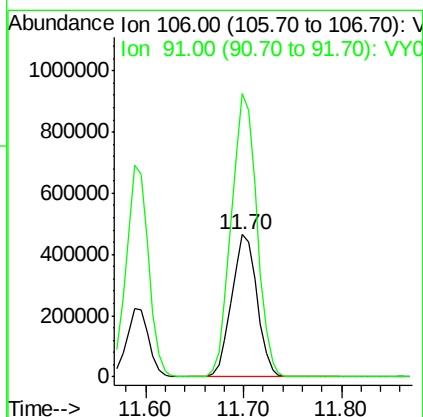
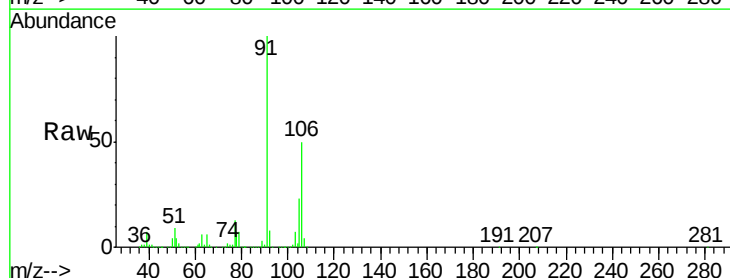
Acq: 25 Jun 2020 12:34

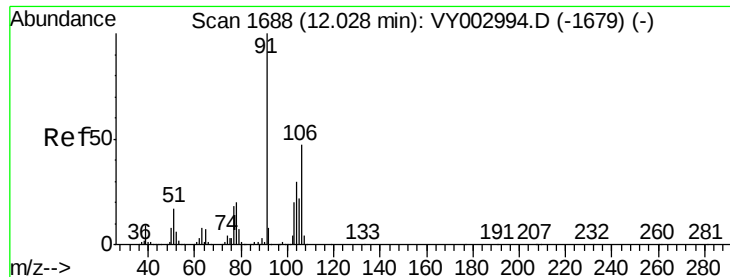
Tgt Ion: 106 Resp: 837453

Ion Ratio Lower Upper

106 100

91 200.0 160.0 240.0





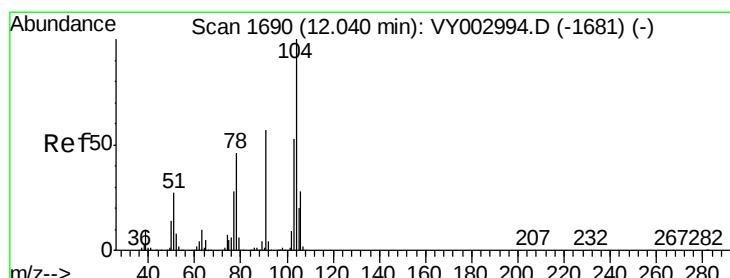
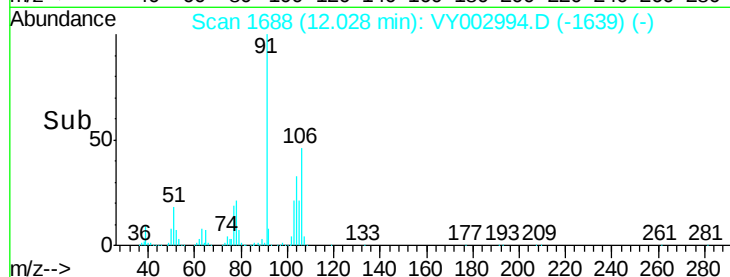
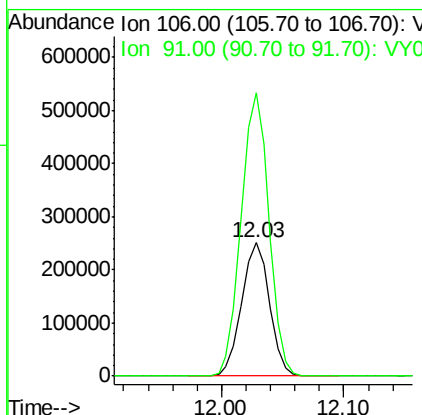
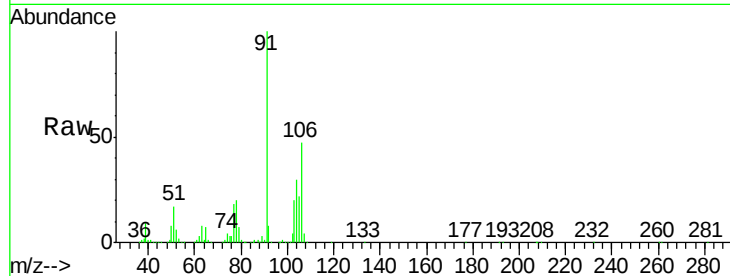
#69
o-Xylene
Concen: 53.987 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	211.5	105.8	317.3

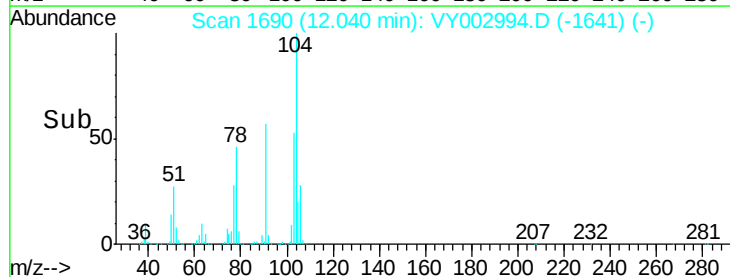
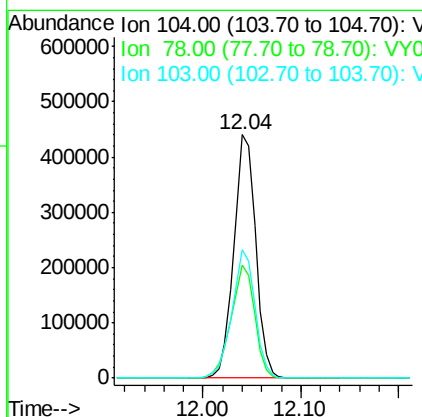
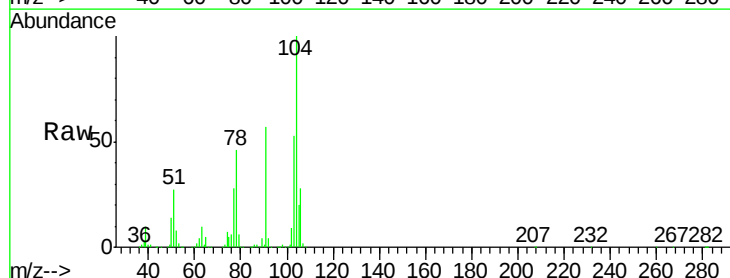
Manual Integrations
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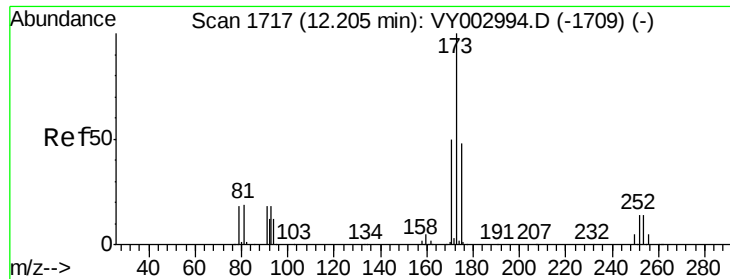
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#70
Styrene
Concen: 53.942 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	50.0	40.0	60.0
103	103	55.4	44.3	66.5





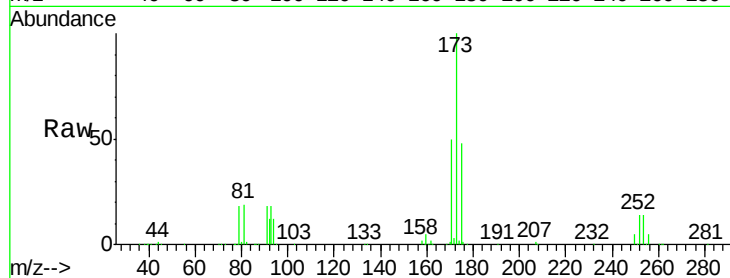
#71
Bromoform
Concen: 59.703 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

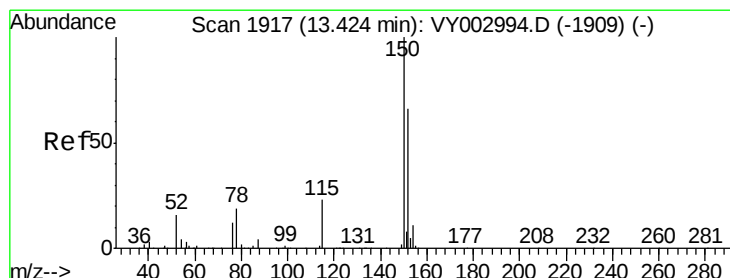
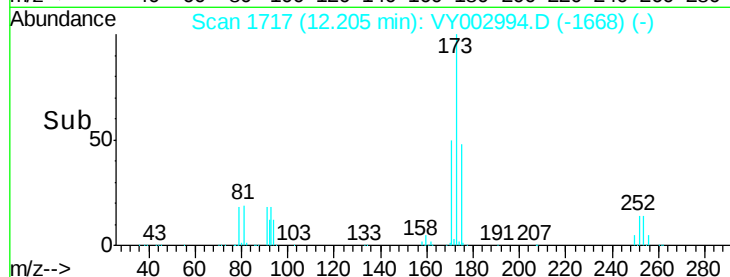
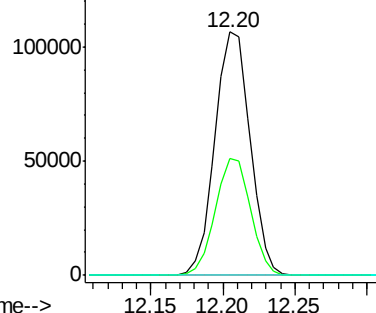
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.1	72.2
254	0.3	0.2	0.4

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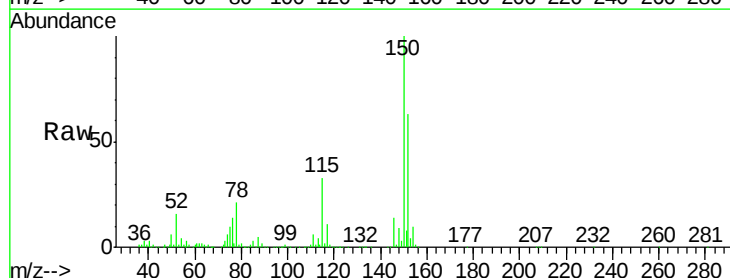


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

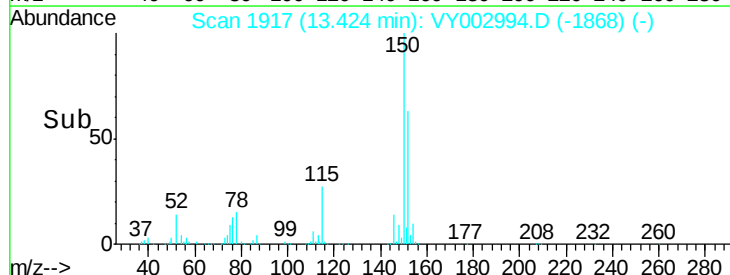
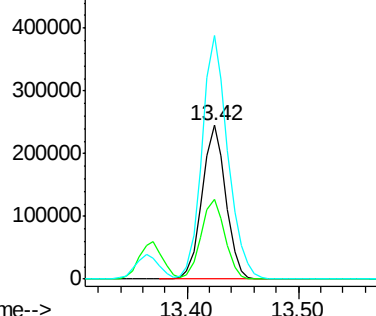


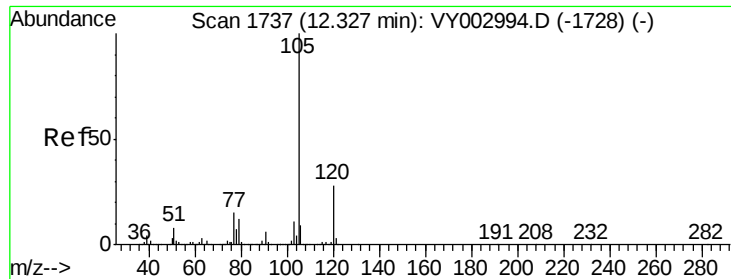
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.5	26.3	78.8
150	173.2	0.0	346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.333 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1099077

Ion Ratio Lower Upper

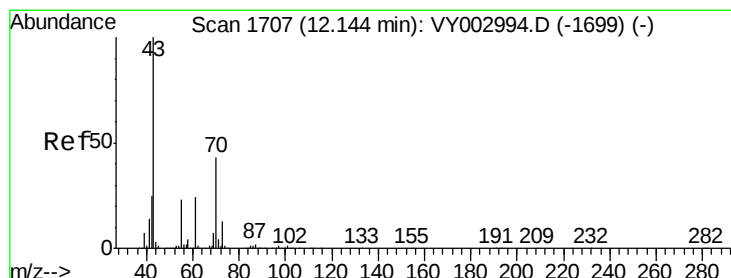
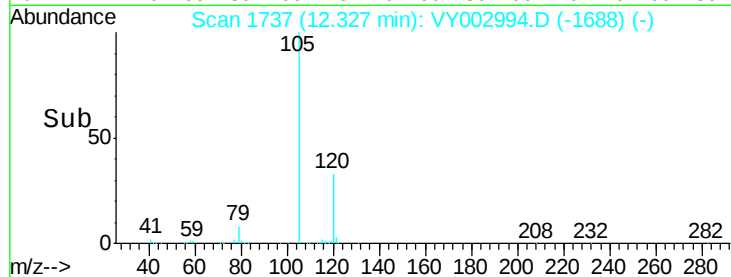
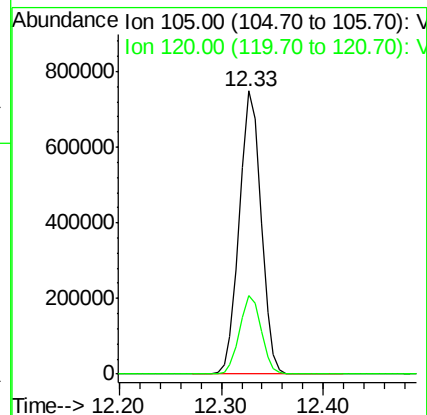
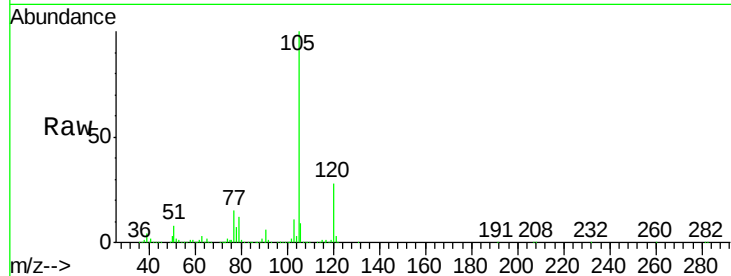
105 100

120 27.5 13.8 41.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 55.180 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Tgt Ion: 43 Resp: 316101

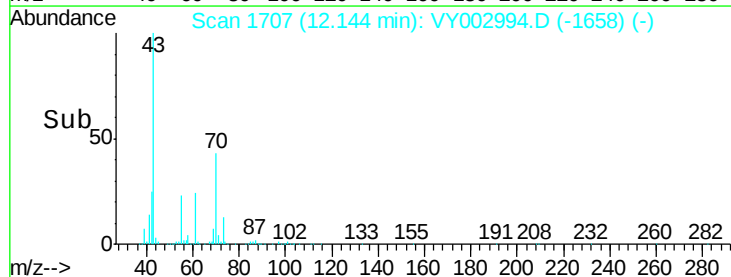
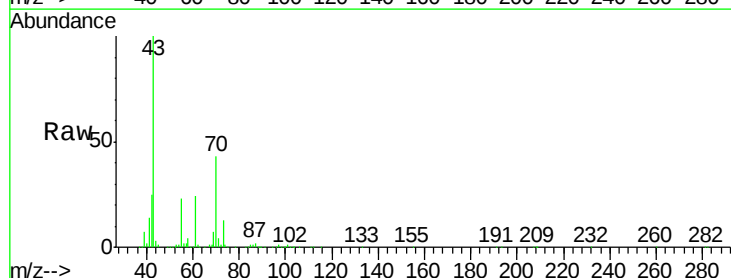
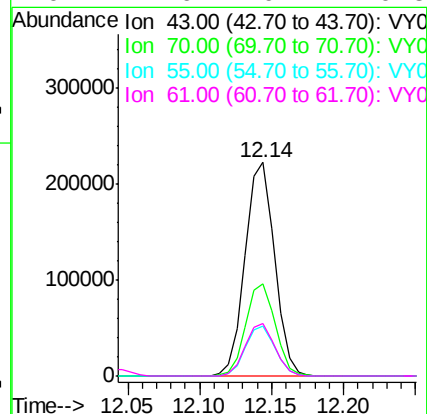
Ion Ratio Lower Upper

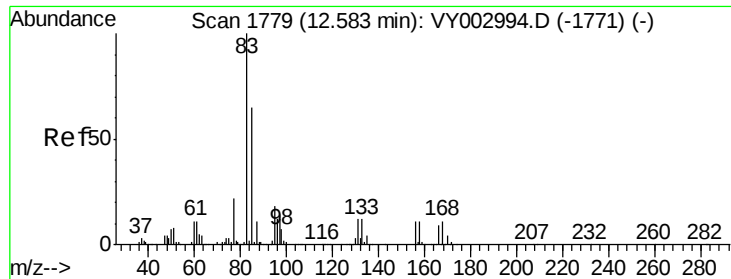
43 100

70 43.0 34.4 51.6

55 23.5 18.8 28.2

61 24.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.798 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

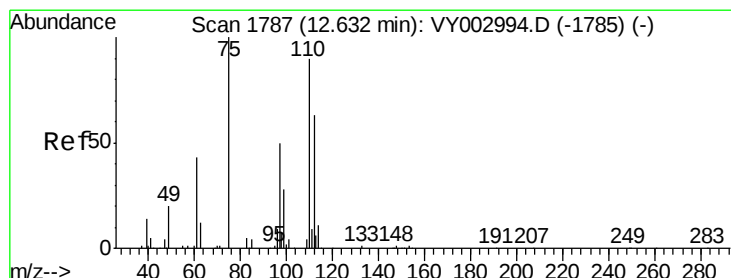
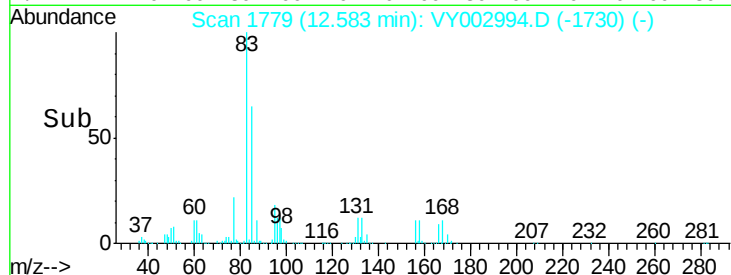
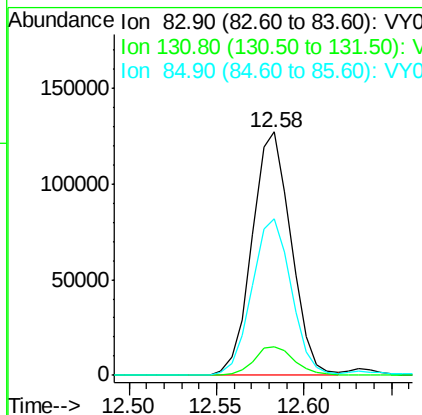
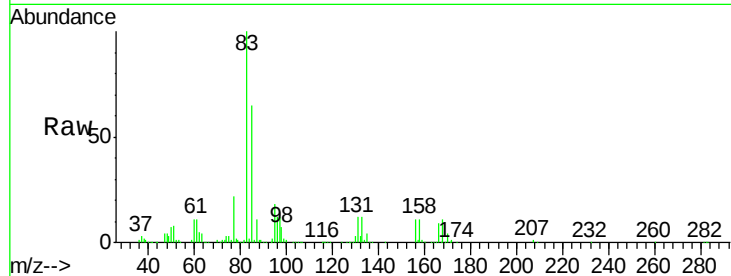
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	197450
Ion Ratio	Lower	Upper	
83	100		
131	12.5	6.3	18.8
85	64.8	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.967 ug/l m

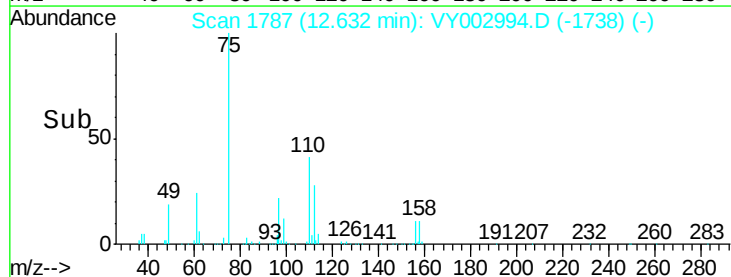
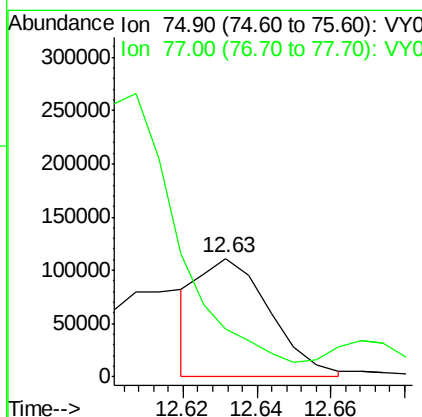
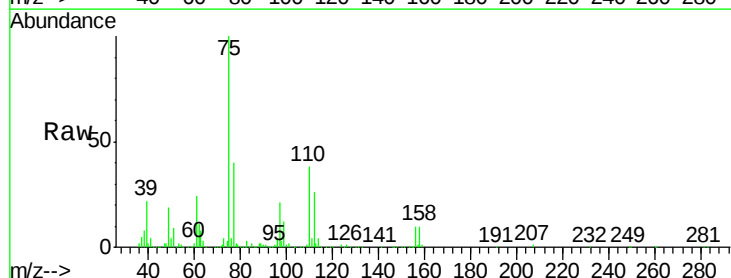
RT: 12.63 min Scan# 1787

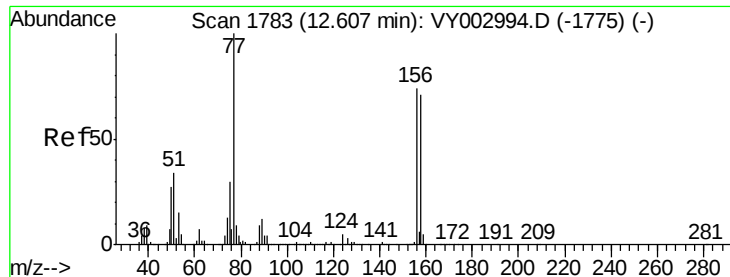
Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Tgt Ion:	75	Resp:	148845
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.496 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

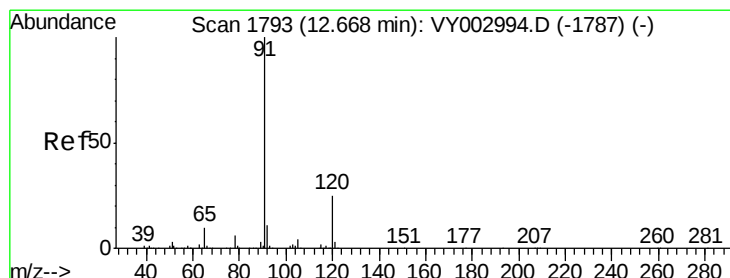
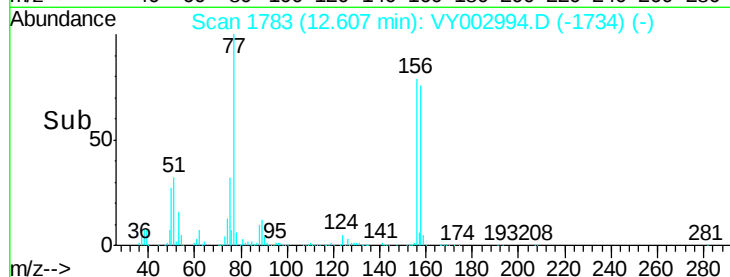
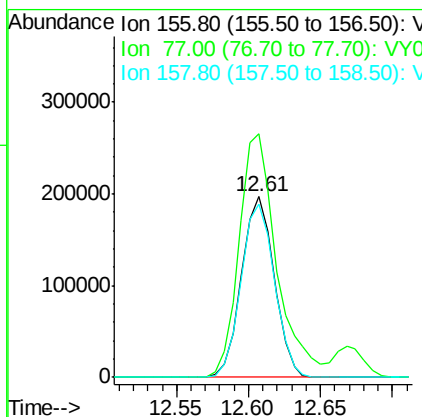
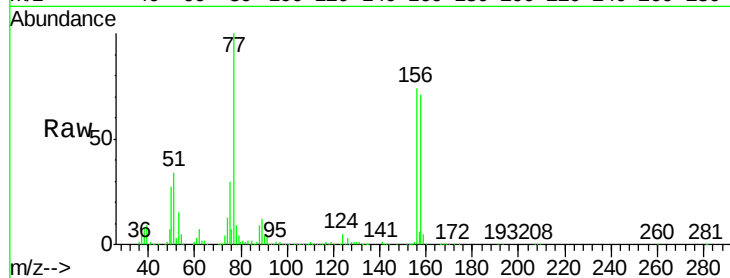
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	154.6	77.3	231.9
158	97.9	48.9	146.8

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#78

n-propylbenzene

Concen: 50.125 ug/l

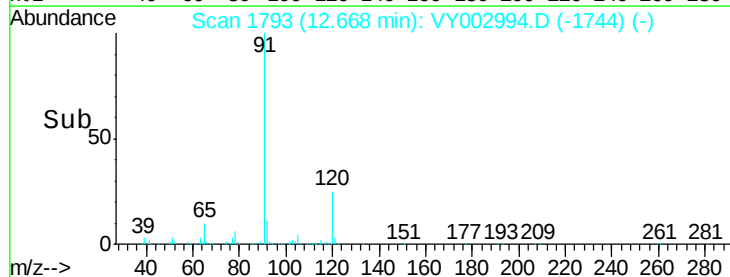
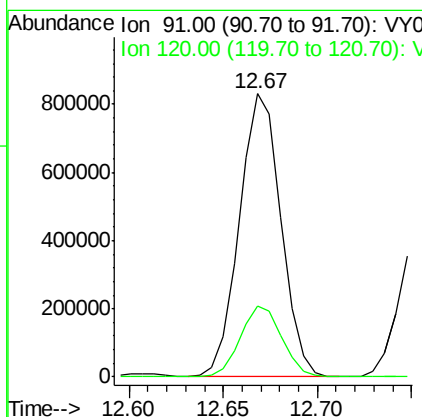
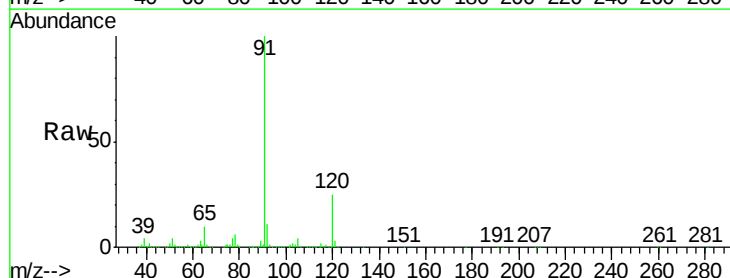
RT: 12.67 min Scan# 1793

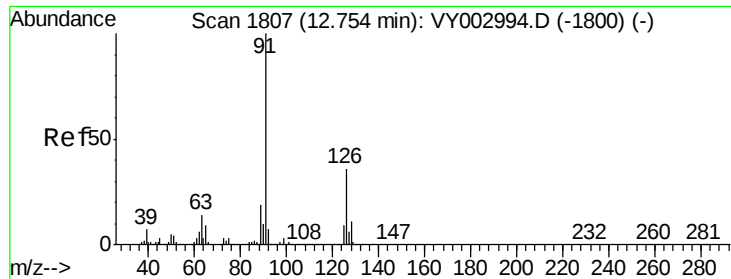
Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.9	12.4	37.4





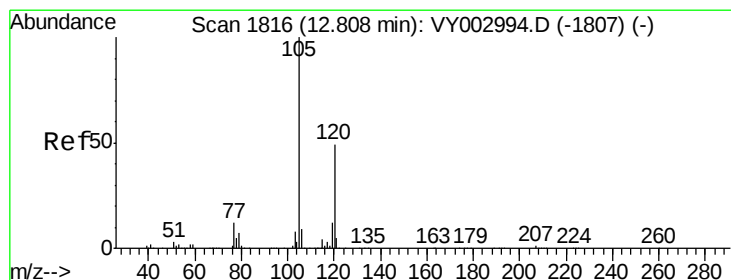
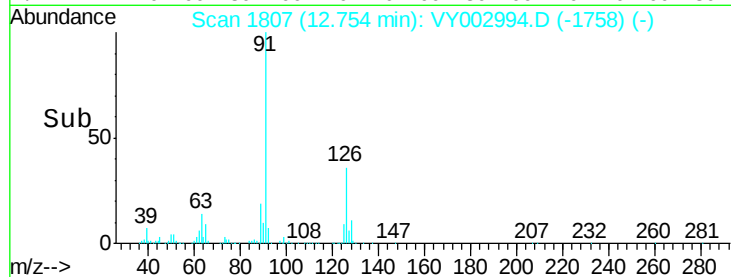
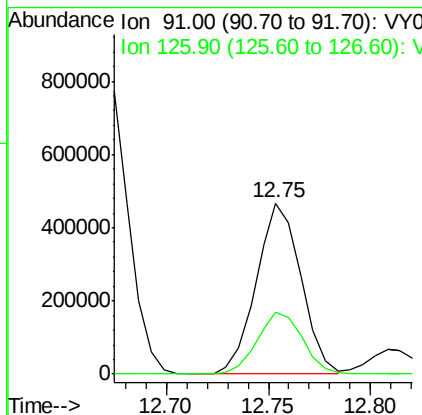
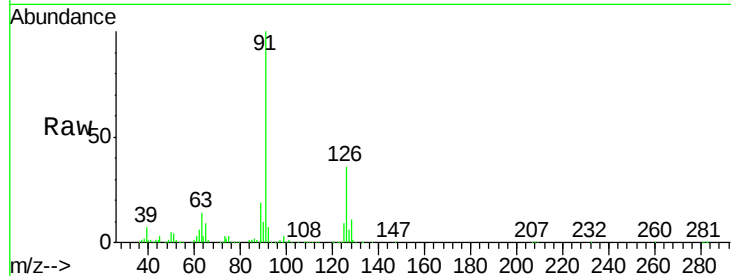
#79
 2-Chlorotoluene
 Concen: 50.122 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 711530
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.4 55.0

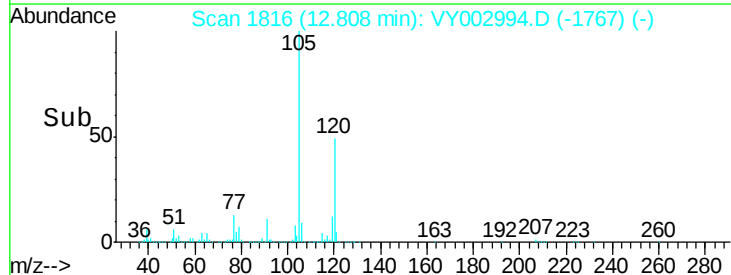
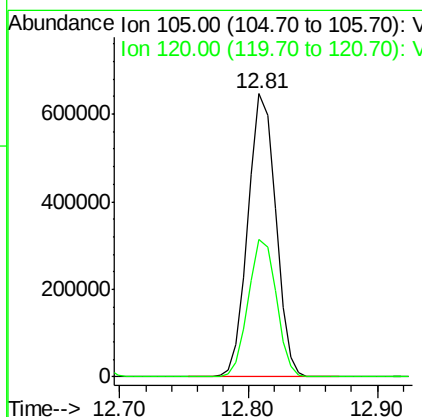
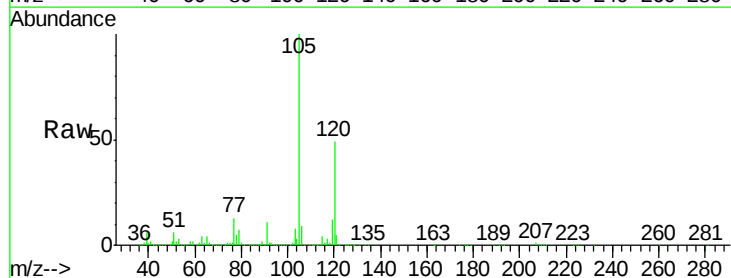
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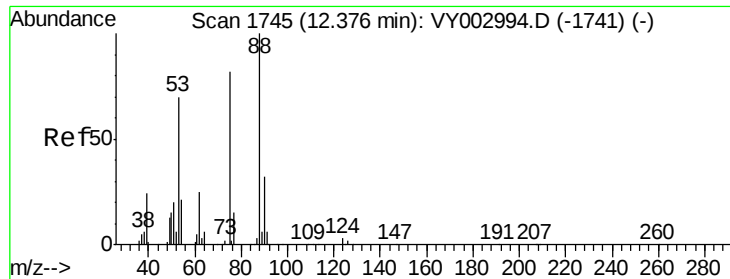
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.399 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion: 105 Resp: 960758
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.6 73.8





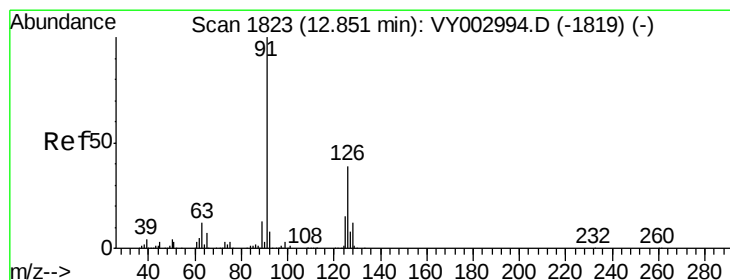
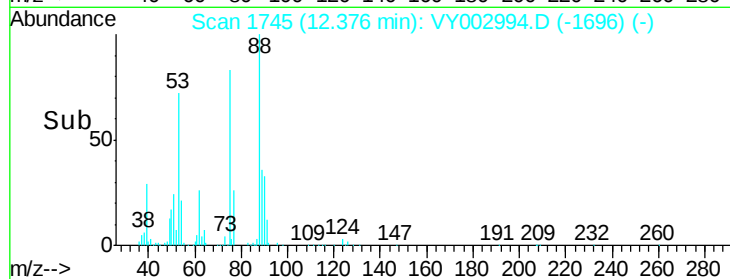
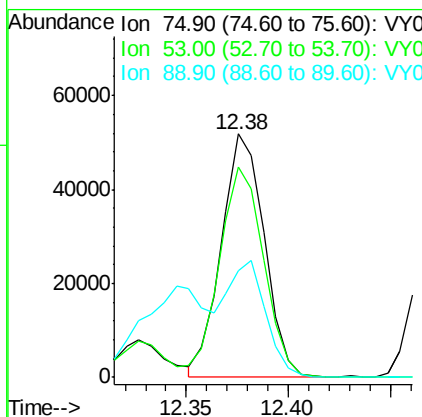
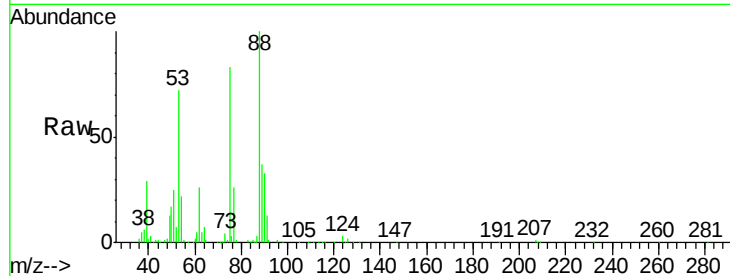
#81
trans-1,4-Dichloro-2-butene
Concen: 46.740 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.3	72.2	108.4
89	43.7	35.0	52.4

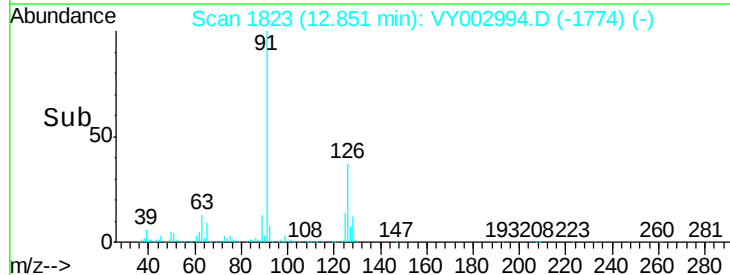
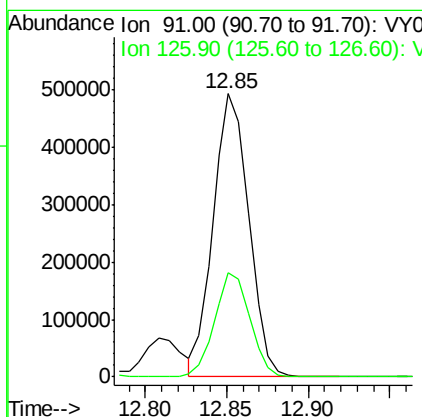
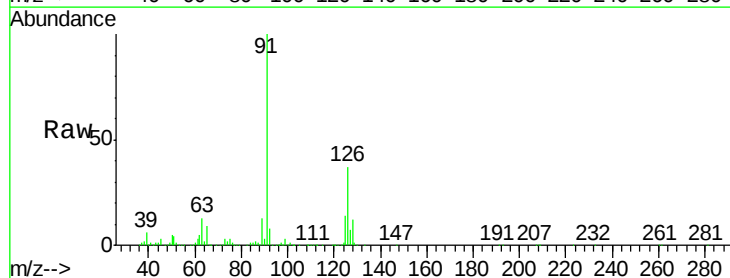
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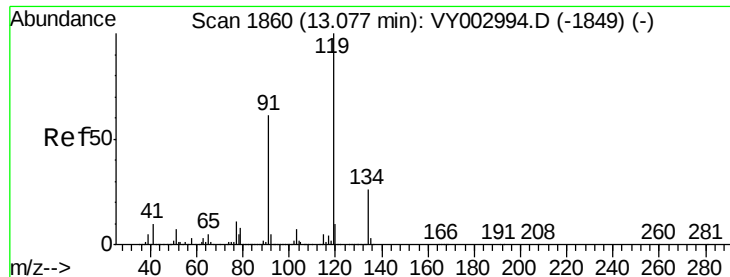
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#82
4-Chlorotoluene
Concen: 50.096 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.8	18.4	55.2





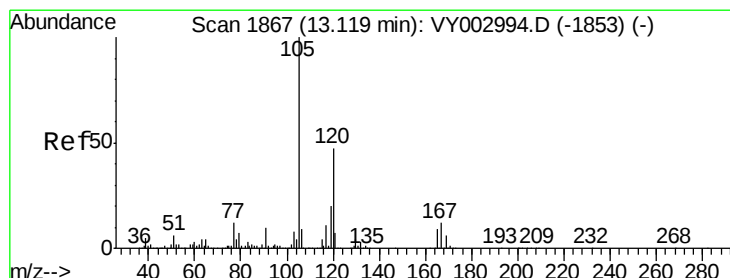
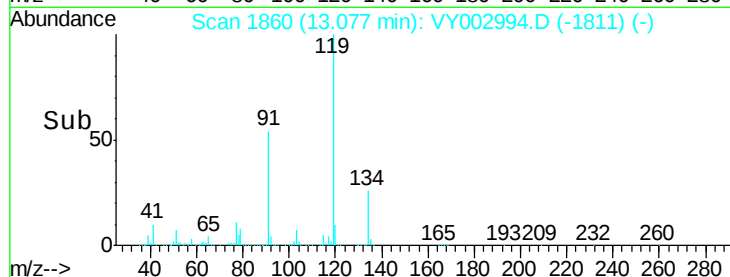
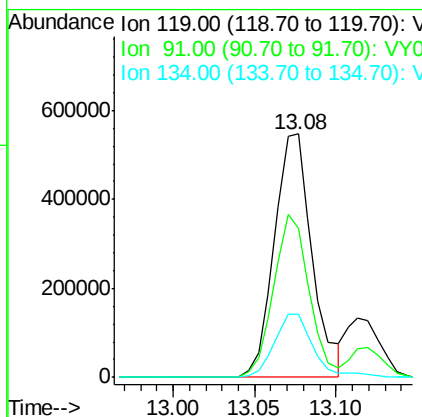
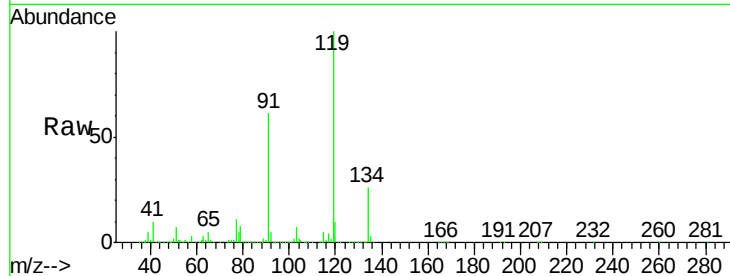
#83
tert-Butylbenzene
Concen: 53.579 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.8	31.4	94.2
134	26.7	13.4	40.1

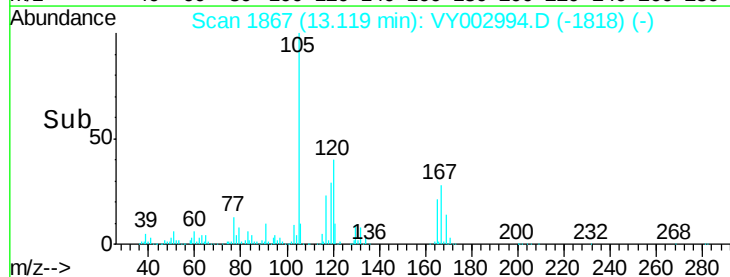
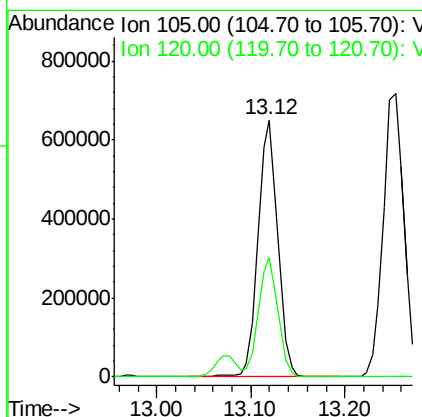
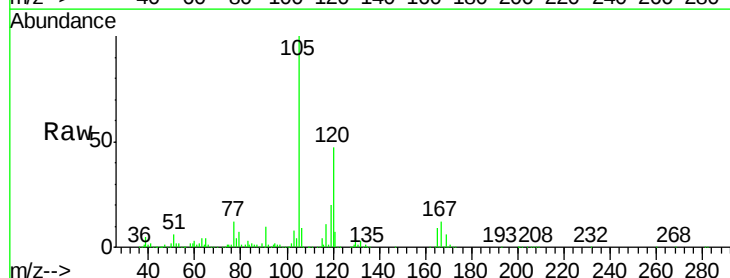
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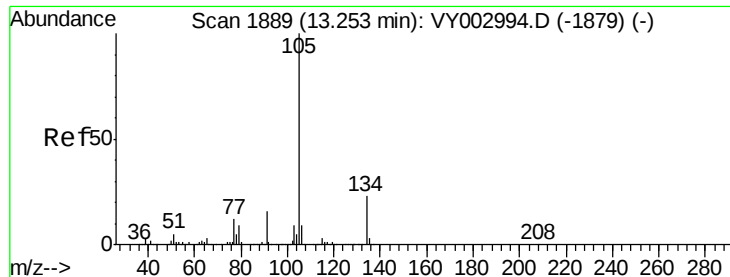
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#84
1,2,4-Trimethylbenzene
Concen: 52.329 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.2





#85

sec-Butylbenzene

Concen: 49.550 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1095702

Ion Ratio Lower Upper

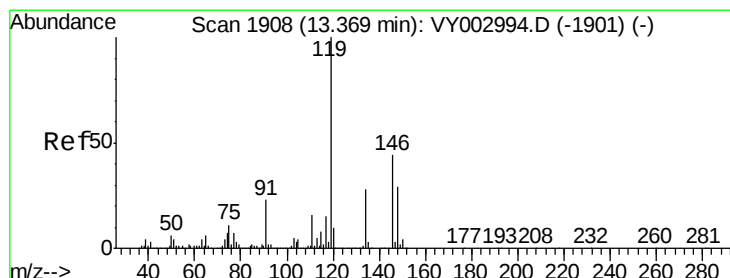
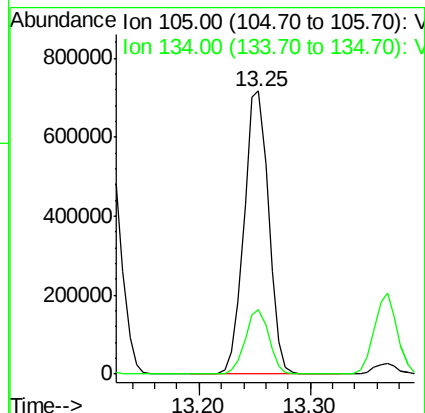
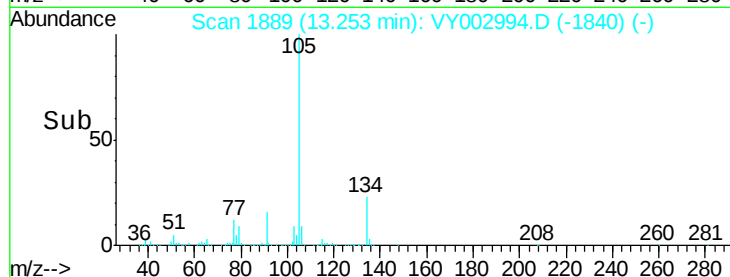
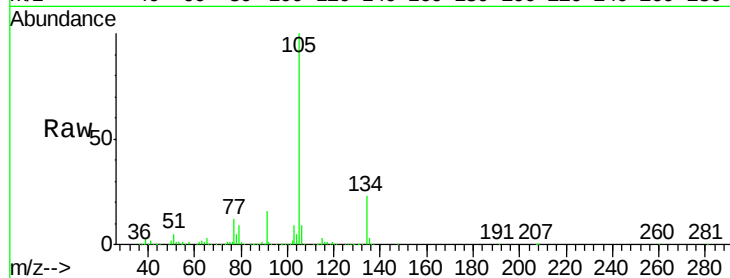
105 100

134 22.2 11.1 33.3

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#86

p-Isopropyltoluene

Concen: 50.973 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002994.D

Acq: 25 Jun 2020 12:34

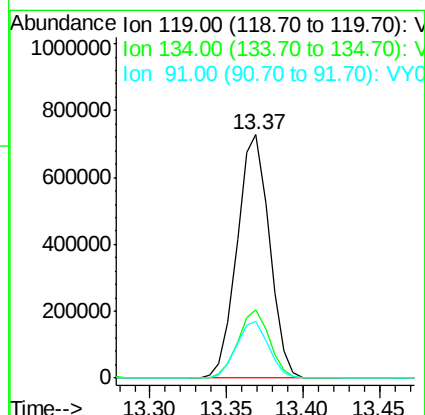
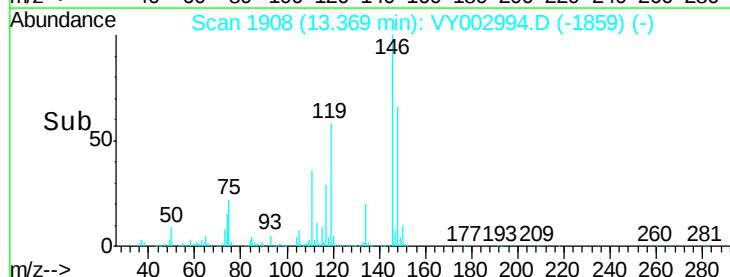
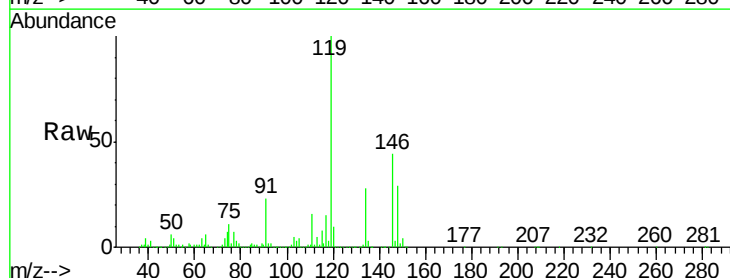
Tgt Ion:119 Resp: 1062458

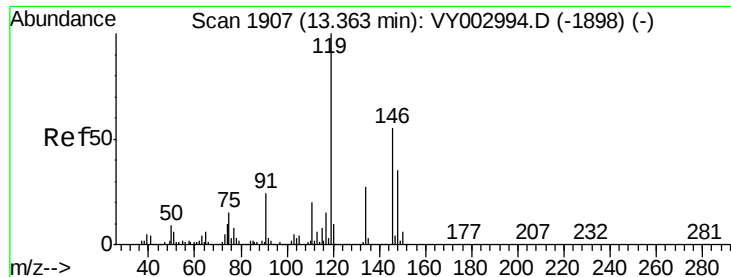
Ion Ratio Lower Upper

119 100

134 27.6 13.8 41.4

91 23.3 11.7 35.0





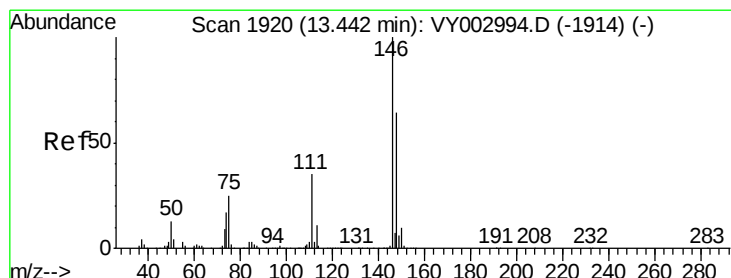
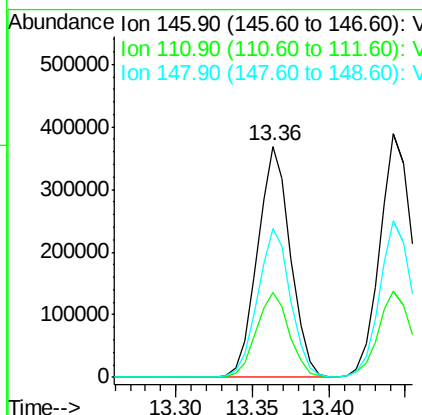
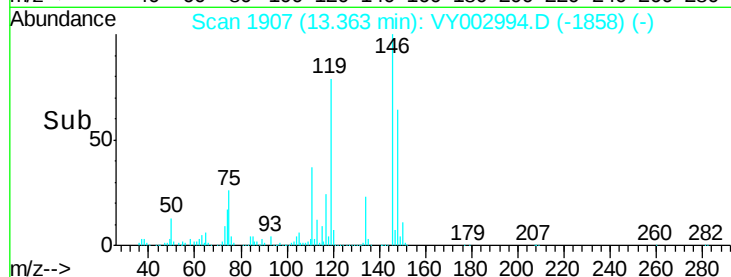
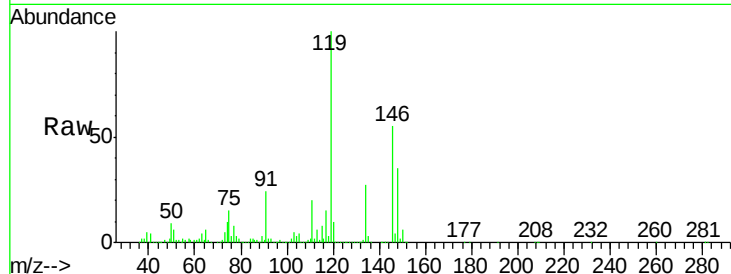
#87
 1,3-Dichlorobenzene
 Concen: 50.922 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	551625		
111	36.8	18.4	55.2	
148	64.4	32.2	96.6	

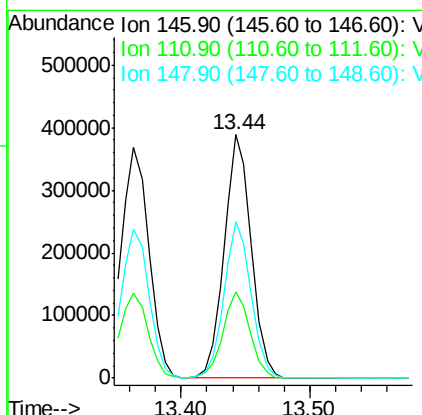
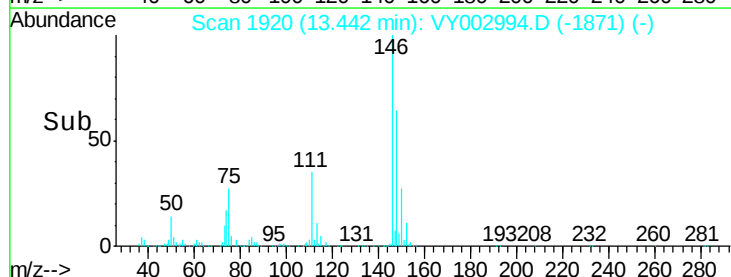
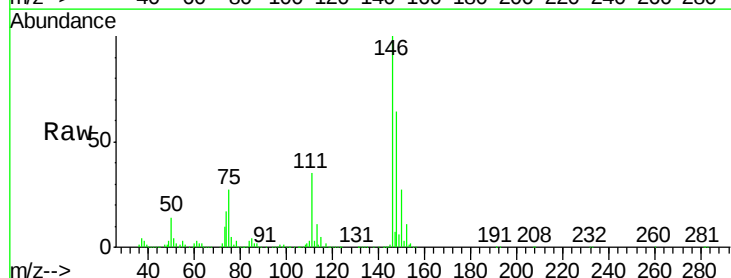
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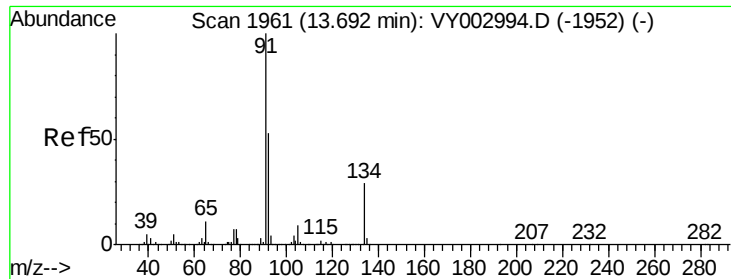
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#88
 1,4-Dichlorobenzene
 Concen: 52.251 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	570116		
111	35.6	17.8	53.4	
148	64.5	32.3	96.8	





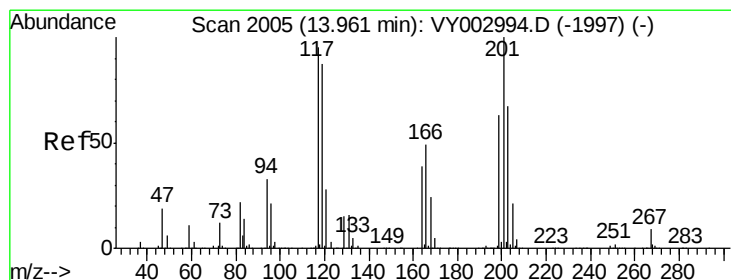
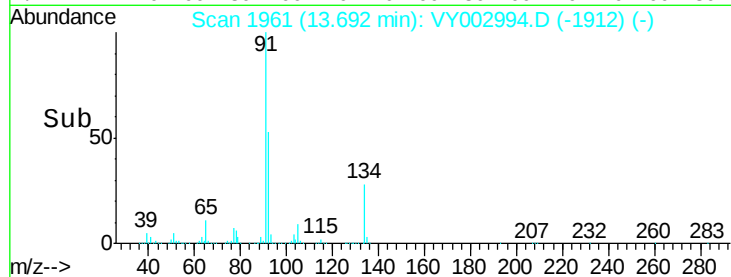
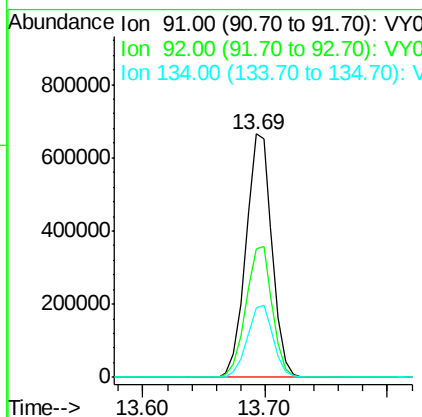
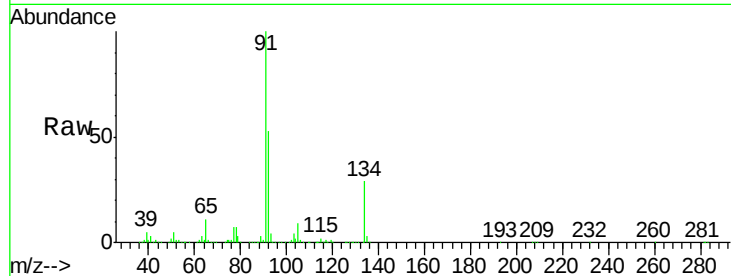
#89
n-Butylbenzene
Concen: 51.713 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.6
134	29.8	14.9	44.7

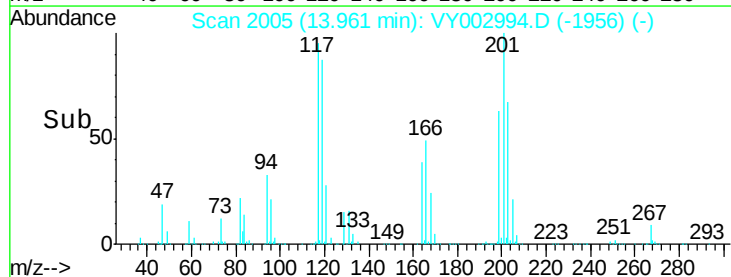
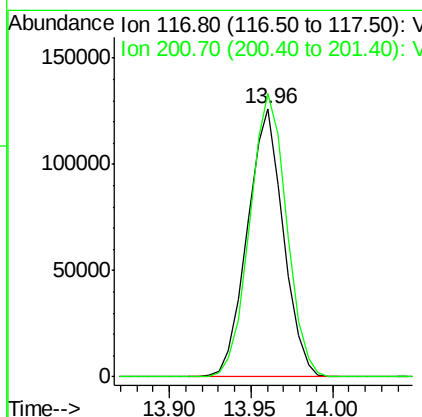
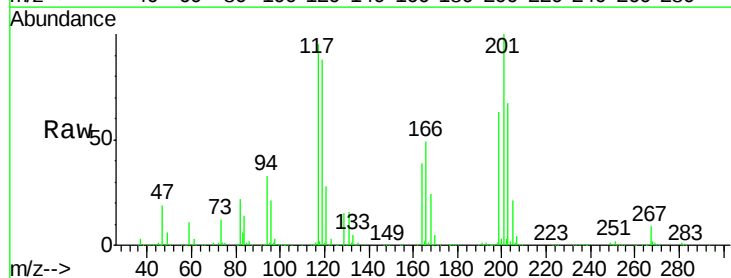
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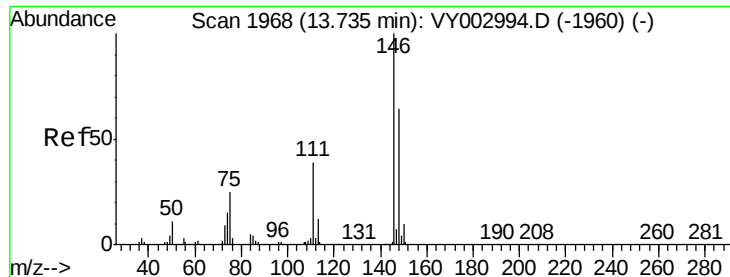
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#90
Hexachloroethane
Concen: 49.906 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	107.7	53.8	161.5





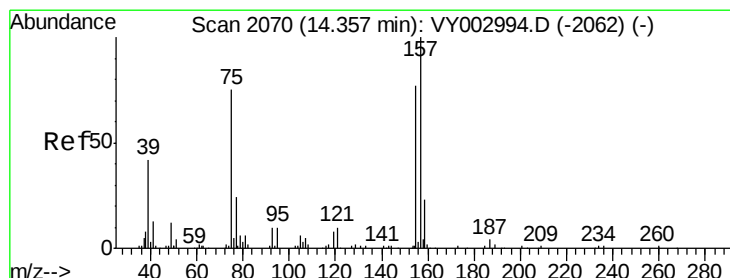
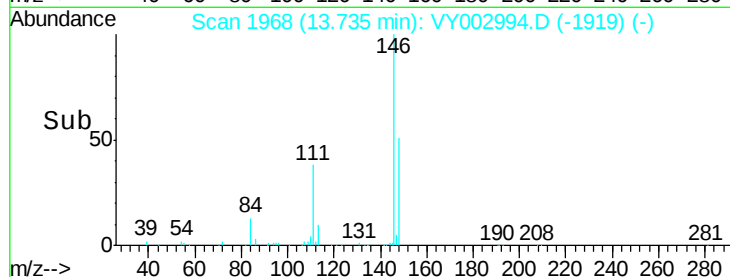
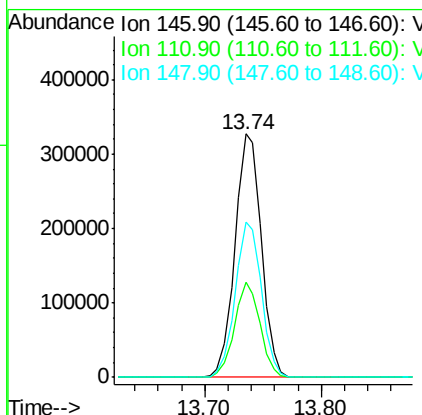
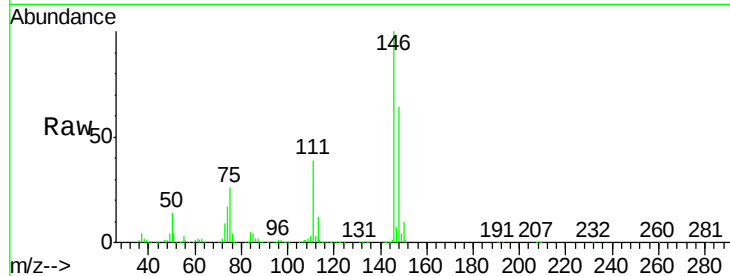
#91
 1,2-Dichlorobenzene
 Concen: 51.963 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	63.6	31.8	95.4

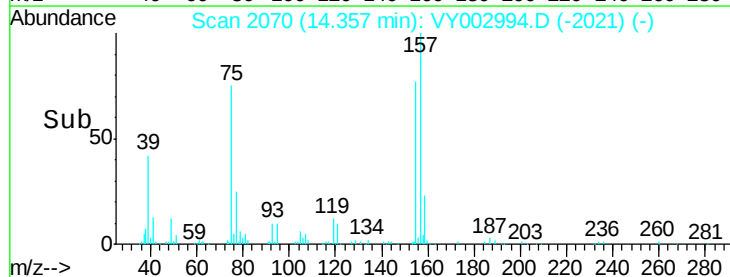
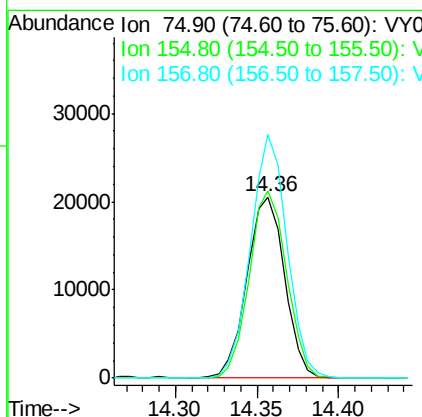
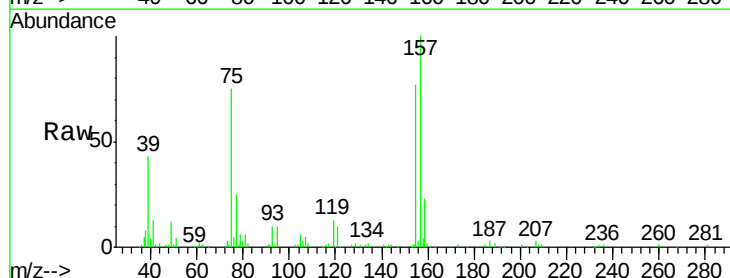
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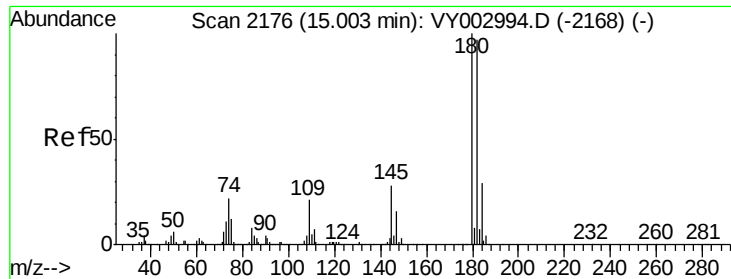
MMDadoda
 6/26/2020 11:22:16 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.449 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.6	51.3	153.9
157	130.1	65.0	195.1





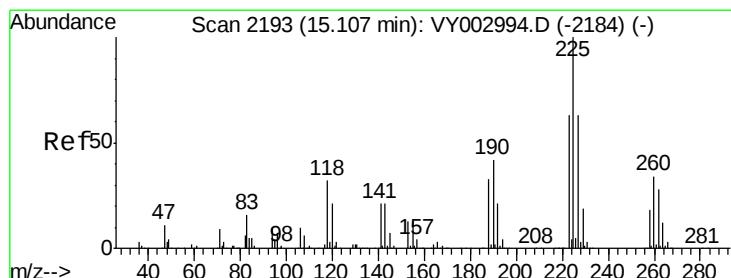
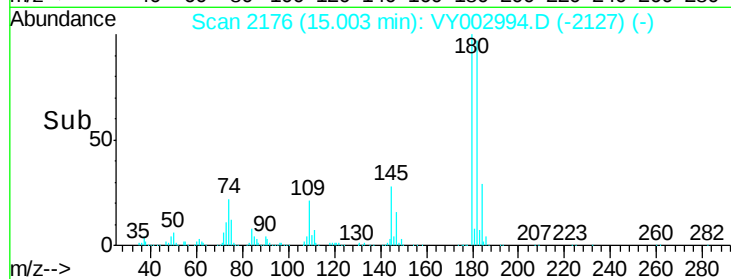
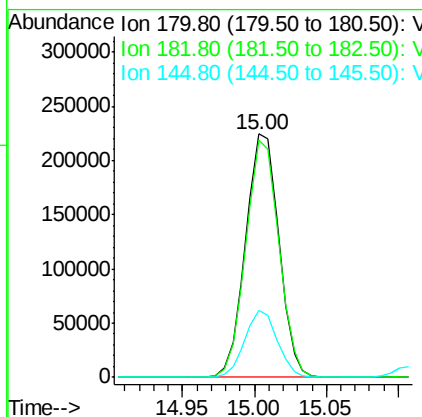
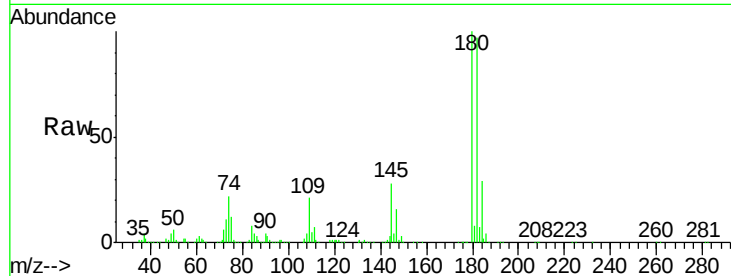
#93
 1,2,4-Trichlorobenzene
 Concen: 48.858 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	358306		
182	96.8	48.4	145.2	
145	27.0	13.5	40.5	

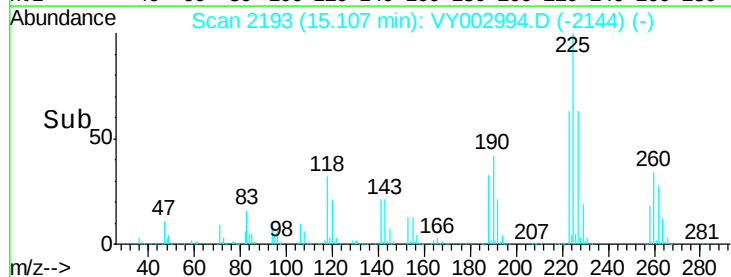
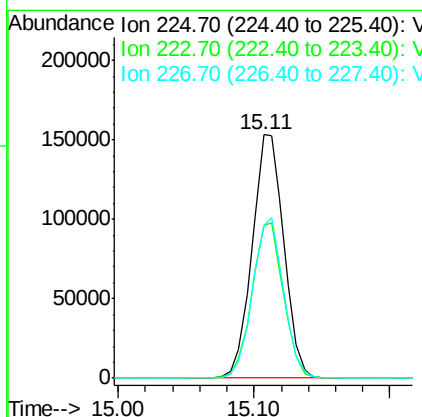
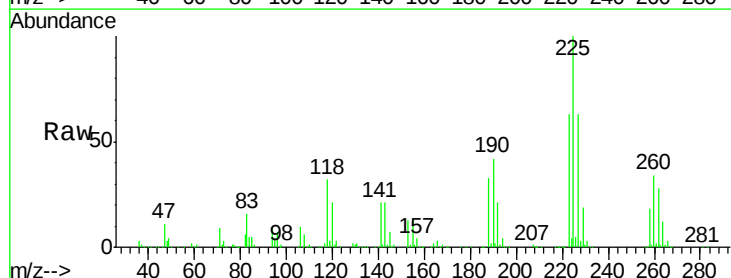
Manual Integrations
 APPROVED

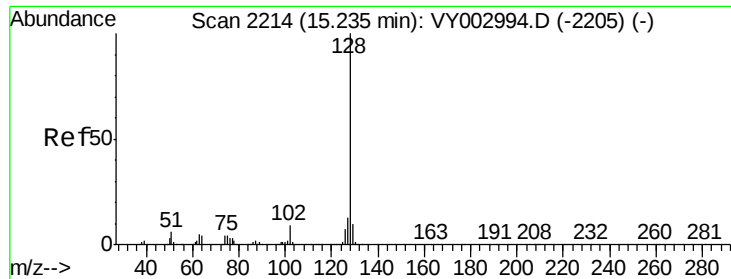
MMDadoda
 6/26/2020 11:22:16 AM



#94
 Hexachlorobutadiene
 Concen: 57.058 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY002994.D
 Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	249920		
223	63.2	31.6	94.8	
227	64.4	32.2	96.6	





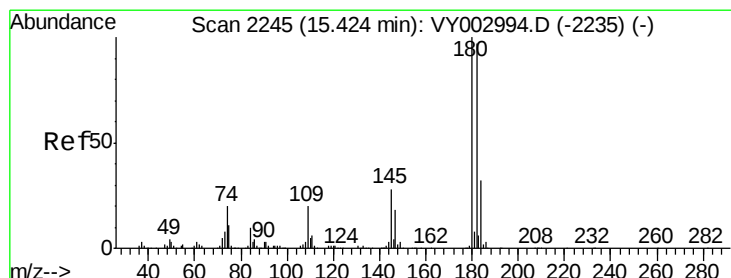
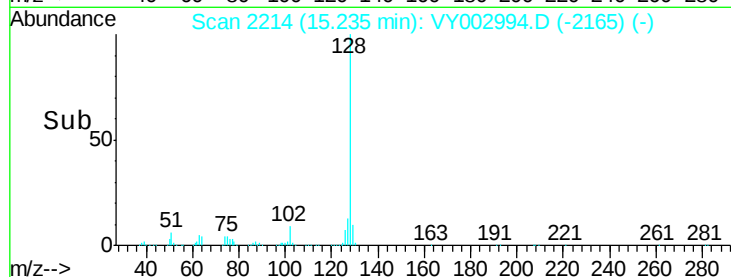
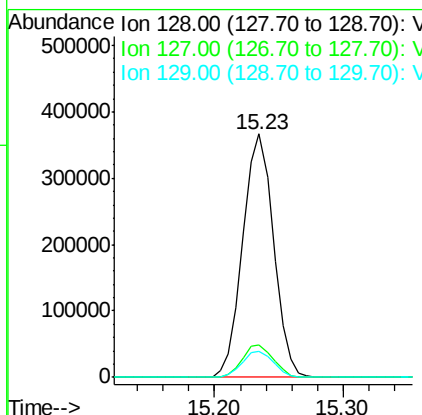
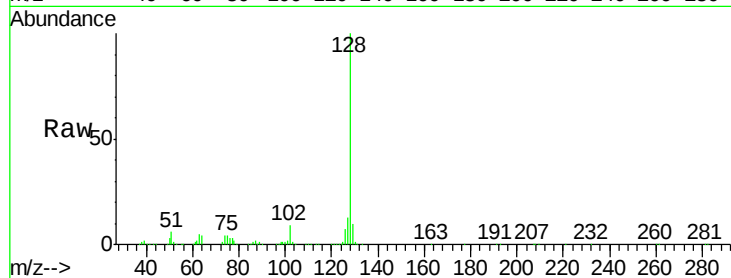
#95
Naphthalene
Concen: 42.408 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/26/2020 11:22:16 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.531 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002994.D
Acq: 25 Jun 2020 12:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.1	141.4
145	28.0	14.0	42.0

