

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
 Data File : VY002991.D
 Acq On : 25 Jun 2020 11:02
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 11:22:09 AM

Quant Time: Jun 25 18:45:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062520S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 25 13:39:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	554008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	748291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	666019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	372809	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	27284	5.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.52%	
35) Dibromofluoromethane	7.72	113	24497	5.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.44%	
50) Toluene-d8	10.18	98	89095	4.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.90%	
62) 4-Bromofluorobenzene	12.48	95	33172	4.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.88%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.91	85	20252	6.094	ug/l	99
3) Chloromethane	2.12	50	25820	5.647	ug/l	96
4) Vinyl Chloride	2.26	62	23833	5.198	ug/l	96
5) Bromomethane	2.66	94	16664	4.871	ug/l	90
6) Chloroethane	2.80	64	14817	4.979	ug/l	97
7) Trichlorofluoromethane	3.13	101	43046	4.945	ug/l	94
8) Diethyl Ether	3.54	74	13795	5.263	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	23076	5.079	ug/l	99
10) Methyl Iodide	4.10	142	28935	4.552	ug/l	99
11) Tert butyl alcohol	4.96	59	14341	30.320	ug/l	96
12) 1,1-Dichloroethene	3.88	96	22168	4.975	ug/l	91
13) Acrolein	3.74	56	11601	24.549	ug/l	100
14) Allyl chloride	4.49	41	36392	5.149	ug/l	100
15) Acrylonitrile	5.18	53	31867	26.474	ug/l	95
16) Acetone	3.96	43	24867	24.512	ug/l	100
17) Carbon Disulfide	4.20	76	69994	5.122	ug/l	100
18) Methyl Acetate	4.49	43	14846	5.579	ug/l #	75
19) Methyl tert-butyl Ether	5.22	73	63985	5.121	ug/l	97
20) Methylene Chloride	4.73	84	40632	6.851	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	26190	5.307	ug/l	97
22) Diisopropyl ether	6.13	45	73035	5.132	ug/l	97
23) Vinyl Acetate	6.07	43	243656	25.321	ug/l	97
24) 1,1-Dichloroethane	6.03	63	42072	5.139	ug/l	99
25) 2-Butanone	7.00	43	42964	27.034	ug/l	94
26) 2,2-Dichloropropane	6.99	77	44711	5.427	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	28260	5.133	ug/l	95
28) Bromochloromethane	7.34	49	16643	5.118	ug/l	96
29) Tetrahydrofuran	7.36	42	27953	26.565	ug/l	97
30) Chloroform	7.52	83	44947	5.181	ug/l	97
31) Cyclohexane	7.79	56	46293	6.044	ug/l #	82
32) 1,1,1-Trichloroethane	7.71	97	42329	5.166	ug/l	99
36) 1,1-Dichloropropene	7.93	75	33898	4.828	ug/l	99
37) Ethyl Acetate	7.08	43	19331	4.905	ug/l	99
38) Carbon Tetrachloride	7.90	117	40323	4.754	ug/l	90

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 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

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 MSVOA_Y
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 VSTDIC005

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	40414	4.901	ug/l	95
40) Benzene	8.16	78	96965	5.107	ug/l	100
41) Methacrylonitrile	7.33	41	11459m	2.144	ug/l	
42) 1,2-Dichloroethane	8.24	62	30724	5.027	ug/l	99
43) Isopropyl Acetate	8.27	43	35877	5.173	ug/l	99
44) Trichloroethene	8.94	130	29683	5.011	ug/l	95
45) 1,2-Dichloropropane	9.22	63	21724	4.945	ug/l	98
46) Dibromomethane	9.32	93	12841	4.822	ug/l	96
47) Bromodichloromethane	9.50	83	32627	4.938	ug/l	95
48) Methyl methacrylate	9.30	41	15330	4.823	ug/l	97
49) 1,4-Dioxane	9.30	88	2917	93.837	ug/l	88
51) 4-Methyl-2-Pentanone	10.07	43	88822	24.802	ug/l	97
52) Toluene	10.24	92	59330	4.689	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	35699	4.748	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	37213	4.771	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	19988	4.877	ug/l	96
56) Ethyl methacrylate	10.51	69	26147	4.622	ug/l	96
57) 1,3-Dichloropropane	10.79	76	32712	4.687	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	61048	24.560	ug/l	100
59) 2-Hexanone	10.83	43	63367	24.254	ug/l	97
60) Dibromochloromethane	10.99	129	25171	4.448	ug/l	94
61) 1,2-Dibromoethane	11.09	107	19877	4.824	ug/l	93
64) Tetrachloroethene	10.72	164	31453	5.086	ug/l	93
65) Chlorobenzene	11.52	112	67862	5.126	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	26737	4.993	ug/l	98
67) Ethyl Benzene	11.60	91	116433	5.026	ug/l	97
68) m/p-Xylenes	11.70	106	91218	10.219	ug/l	100
69) o-Xylene	12.03	106	43805	5.140	ug/l	97
70) Styrene	12.04	104	69882	4.805	ug/l	97
71) Bromoform	12.20	173	18240	4.977	ug/l #	98
73) Isopropylbenzene	12.33	105	113910	4.697	ug/l	100
74) N-amyl acetate	12.14	43	30587	4.668	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	20917	4.853	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	16516m	2.625	ug/l	
77) Bromobenzene	12.61	156	32678	4.790	ug/l	97
78) n-propylbenzene	12.67	91	135026	4.826	ug/l	99
79) 2-Chlorotoluene	12.75	91	77464	4.856	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	102447	4.789	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	8090	4.725	ug/l #	93
82) 4-Chlorotoluene	12.86	91	81982	4.799	ug/l	99
83) tert-Butylbenzene	13.07	119	91303	4.851	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	104923	4.993	ug/l	99
85) sec-Butylbenzene	13.25	105	117663	4.940	ug/l	97
86) p-Isopropyltoluene	13.37	119	114961	5.120	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	59292	4.999	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	58711	5.040	ug/l	94
89) n-Butylbenzene	13.70	91	100508	5.188	ug/l	98
90) Hexachloroethane	13.96	117	20689	5.089	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	52951	5.083	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	4079	5.458	ug/l	95

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Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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QLast Update : Thu Jun 25 13:39:47 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	44146	5.325	ug/l	99
94) Hexachlorobutadiene	15.11	225	29959	5.280	ug/l	100
95) Naphthalene	15.23	128	70674	5.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	36108	5.049	ug/l	97

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

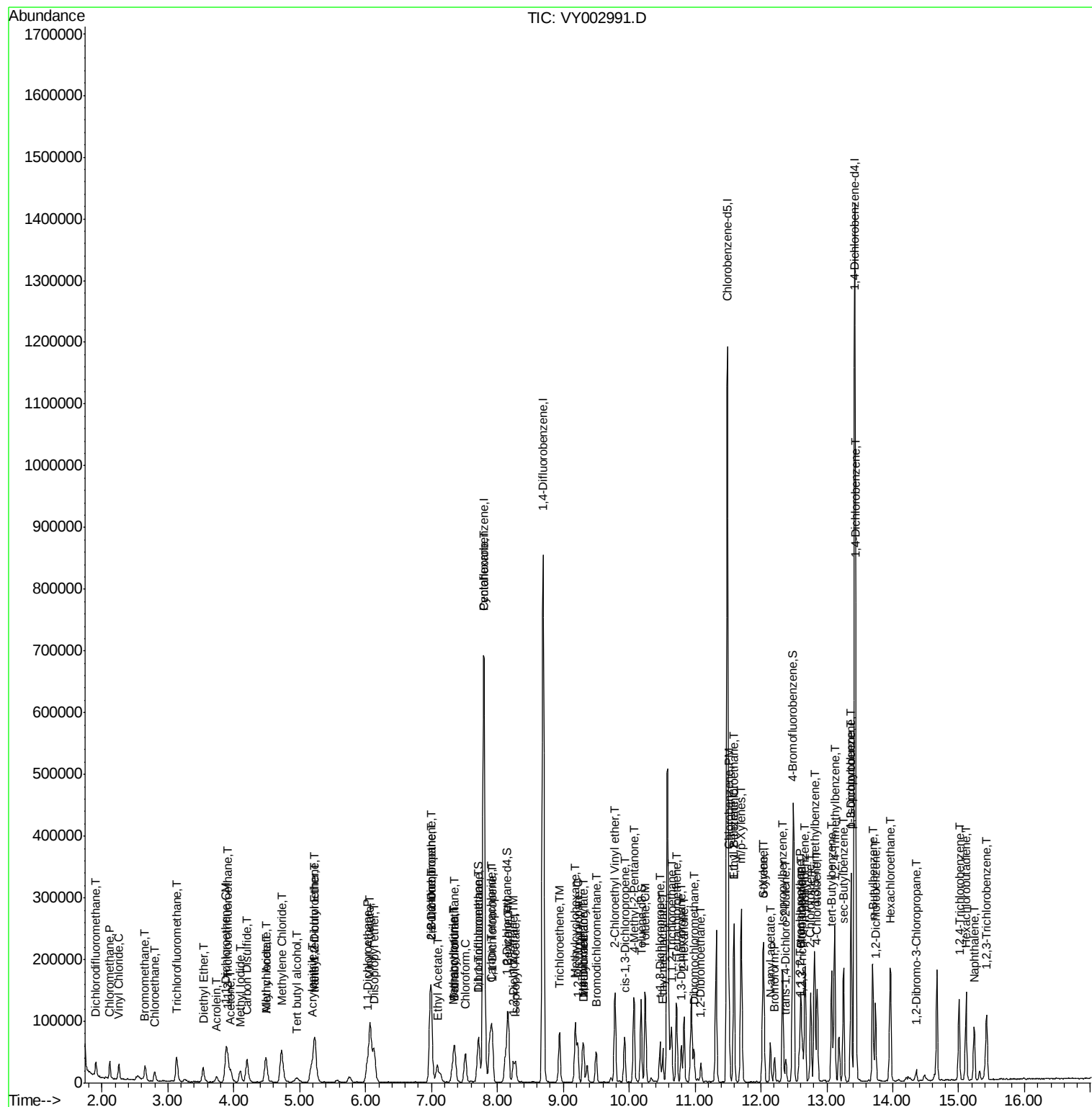
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY062520\
Data File : VY002991.D
Acq On : 25 Jun 2020 11:02
Operator : SY/MD
Sample : VSTDIC005
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

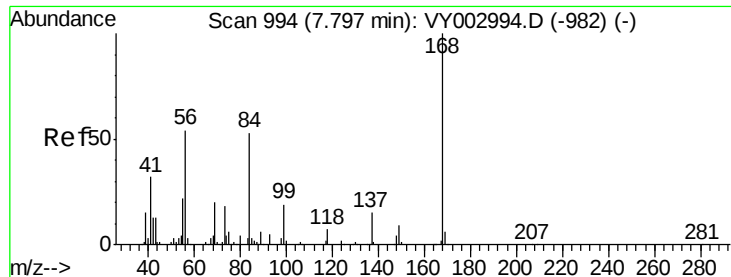
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 554008

Ion Ratio Lower Upper

168 100

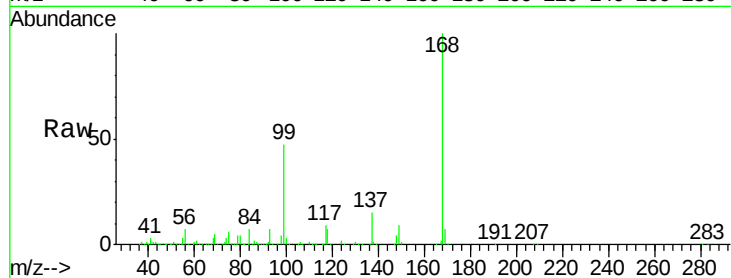
99 47.4 38.2 57.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002991.D (-982) (-)

Ion 98.90 (98.60 to 99.60): VY002991.D (-982) (-)

7.80

250000

200000

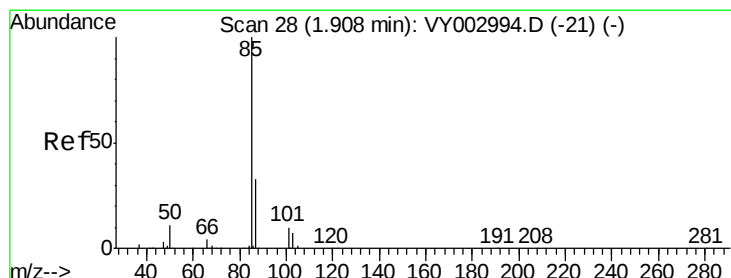
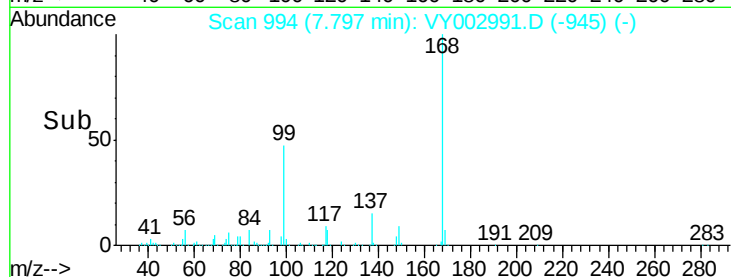
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 6.094 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002991.D

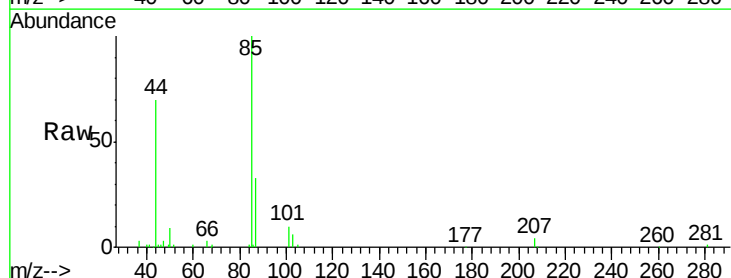
Acq: 25 Jun 2020 11:02

Tgt Ion: 85 Resp: 20252

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VY002991.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002991.D (-21) (-)

1.91

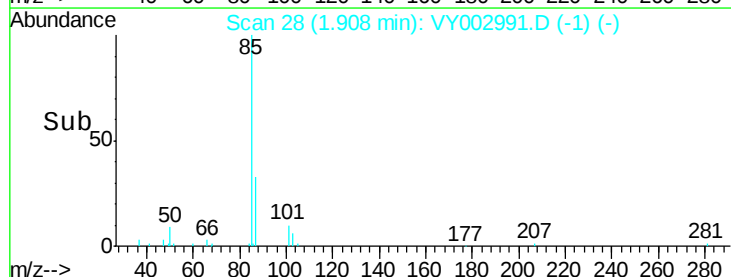
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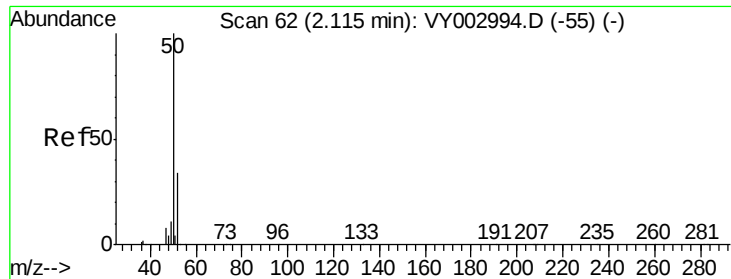
10000

5000

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Time-->





#3

Chloromethane

Concen: 5.647 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 25820

Ion Ratio Lower Upper

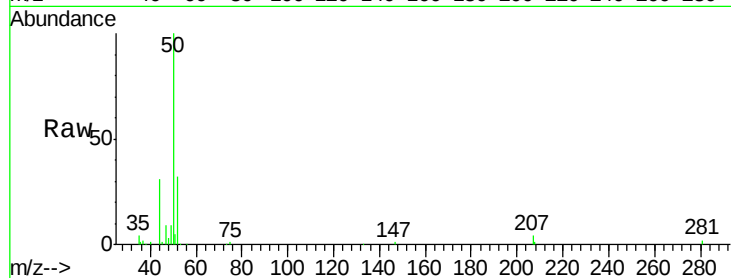
50 100

52 31.6 27.1 40.7

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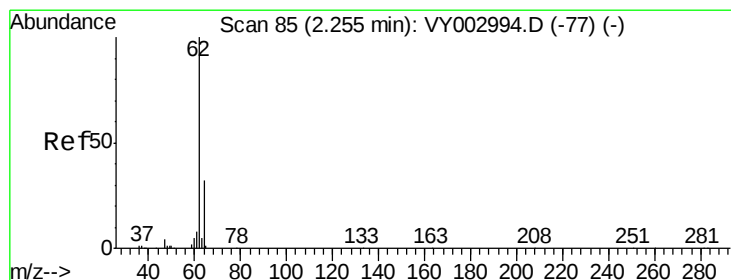
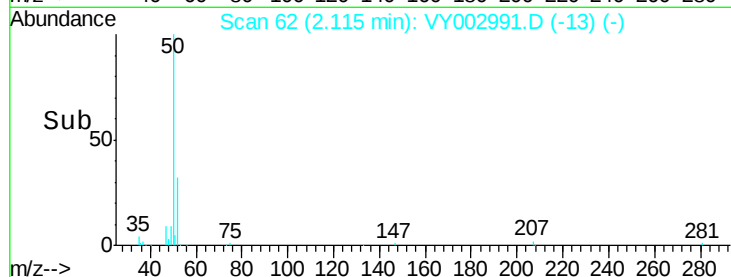
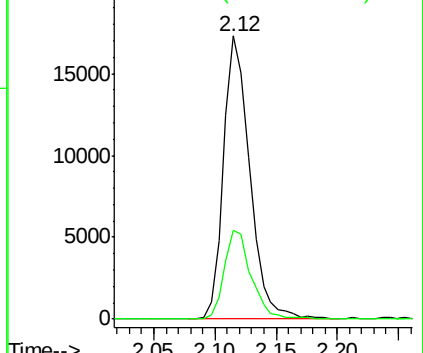
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 5.198 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002991.D

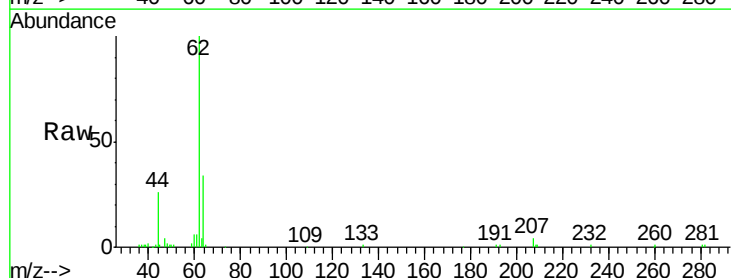
Acq: 25 Jun 2020 11:02

Tgt Ion: 62 Resp: 23833

Ion Ratio Lower Upper

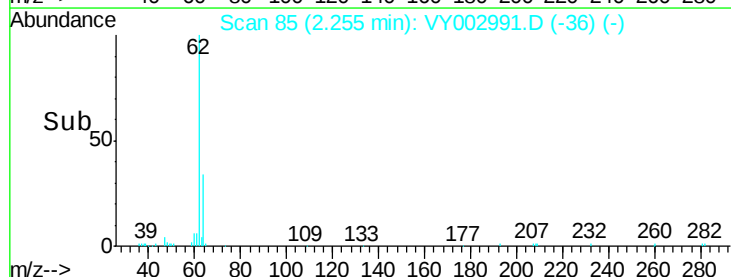
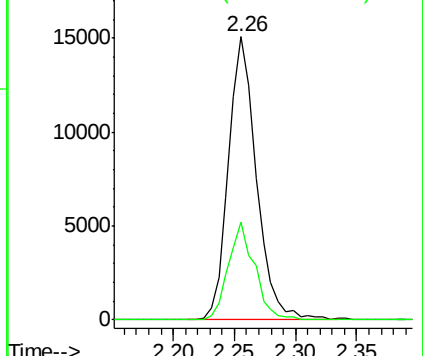
62 100

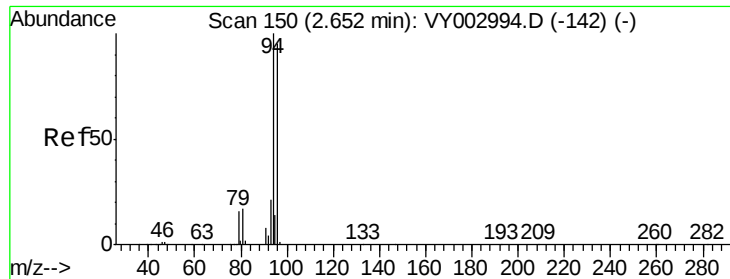
64 34.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 4.871 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 16664

Ion Ratio Lower Upper

94 100

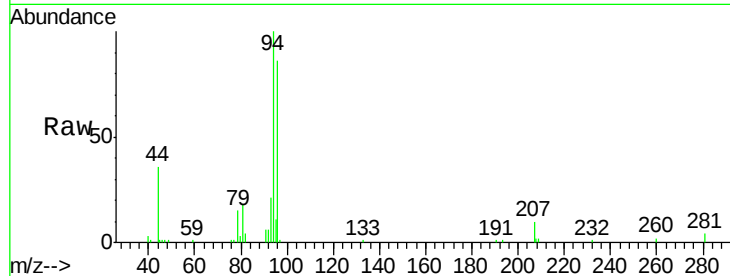
96 85.6 76.3 114.5

Manual Integrations

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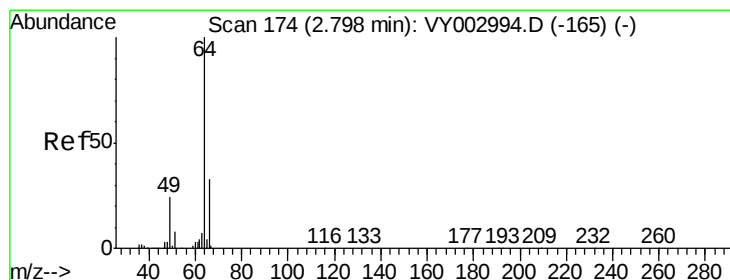
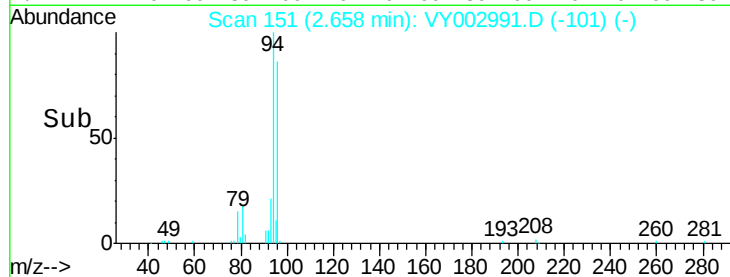
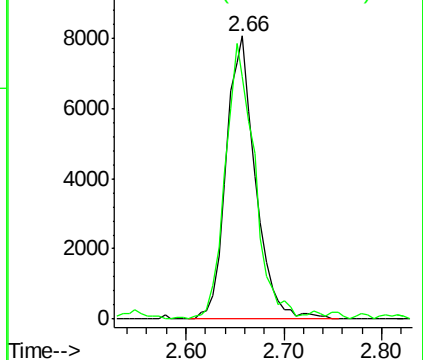
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 4.979 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.01 min

Lab File: VY002991.D

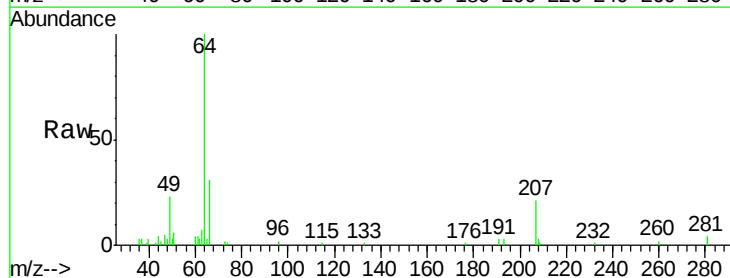
Acq: 25 Jun 2020 11:02

Tgt Ion: 64 Resp: 14817

Ion Ratio Lower Upper

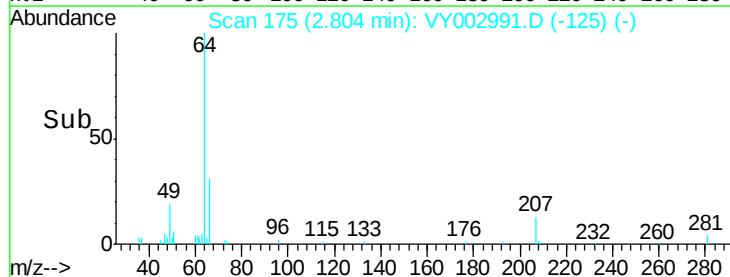
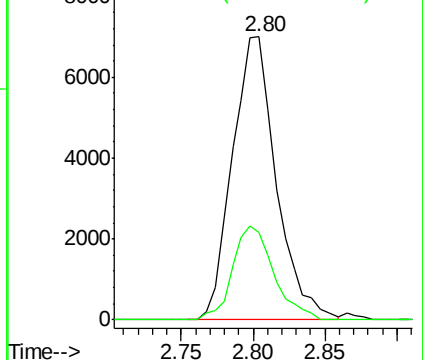
64 100

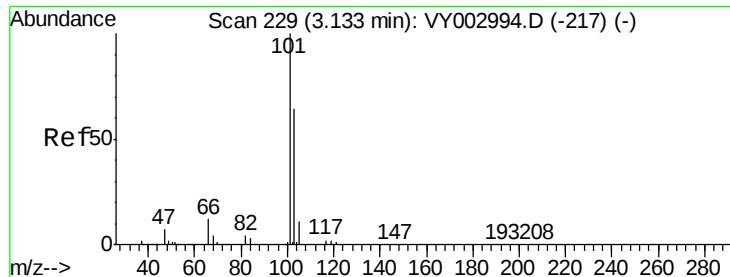
66 31.1 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

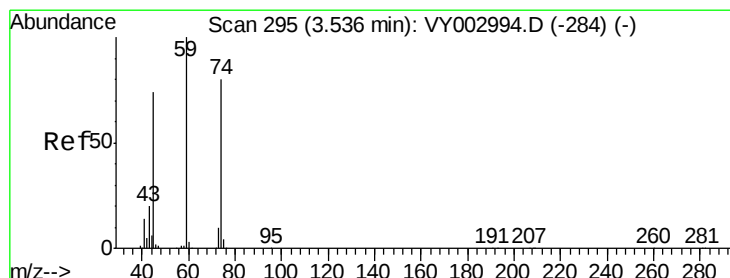
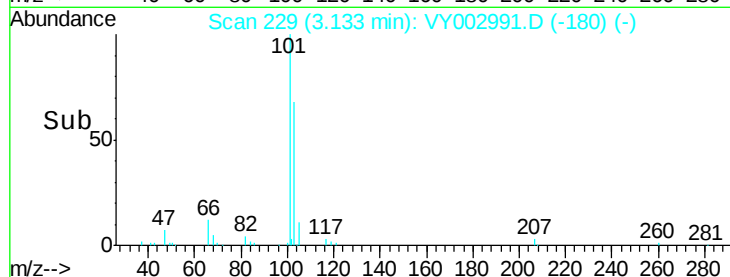
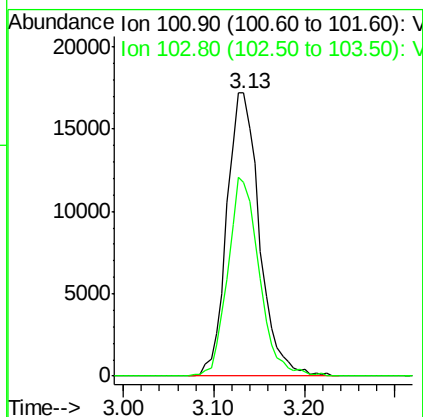
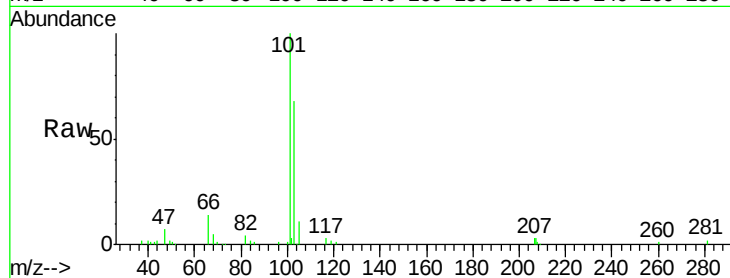
Trichlorofluoromethane
 Concen: 4.945 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VY002991.D
 Acq: 25 Jun 2020 11:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.4	51.3	76.9

Manual Integrations
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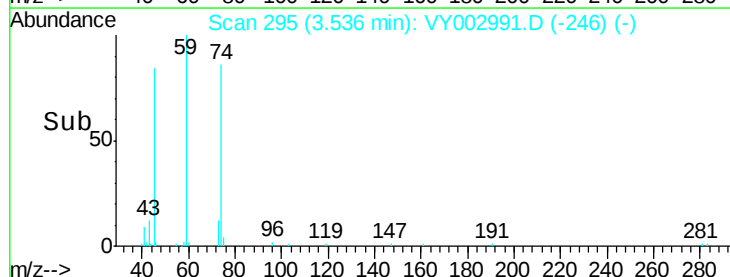
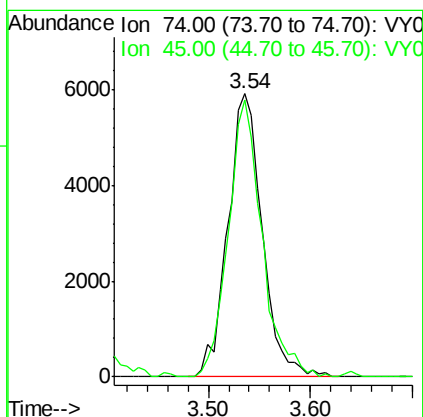
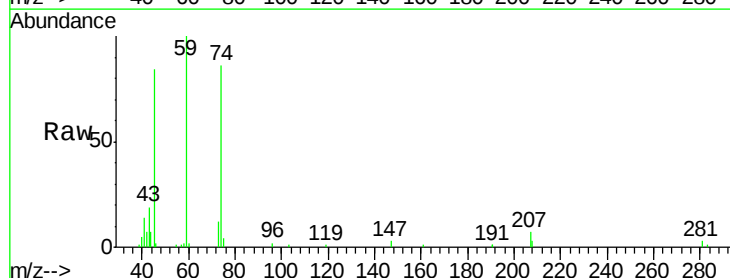
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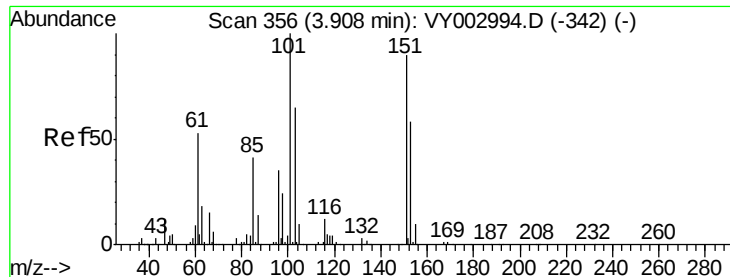


#8

Diethyl Ether
 Concen: 5.263 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY002991.D
 Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.0	47.6	142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.079 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.01 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

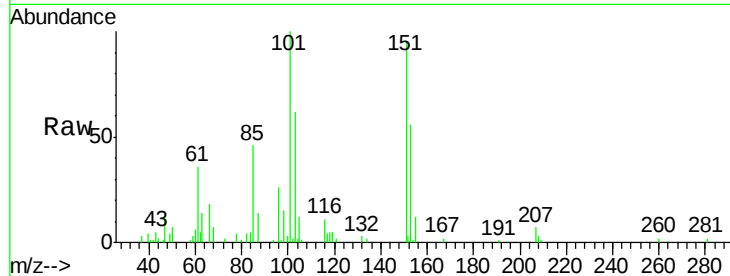
ClientSampleId :

VSTDIC005

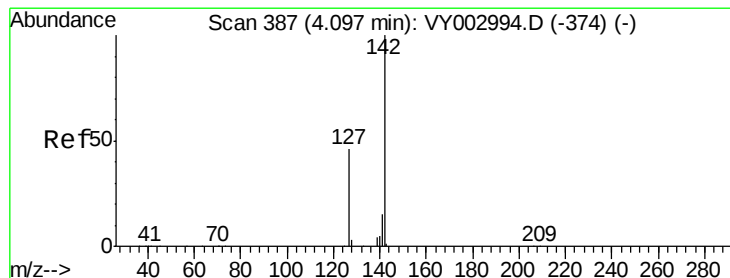
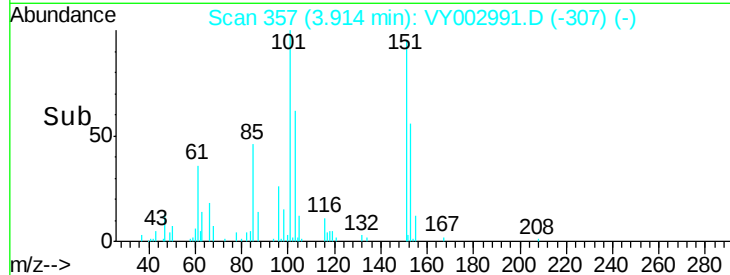
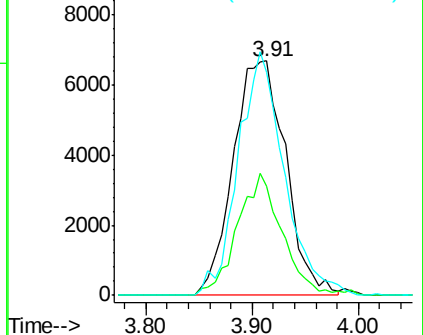
Tot Ion:	101	Resp:	23076
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.0	52.4
151	91.2	72.2	108.4

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



#10

Methyl Iodide

Concen: 4.552 ug/l

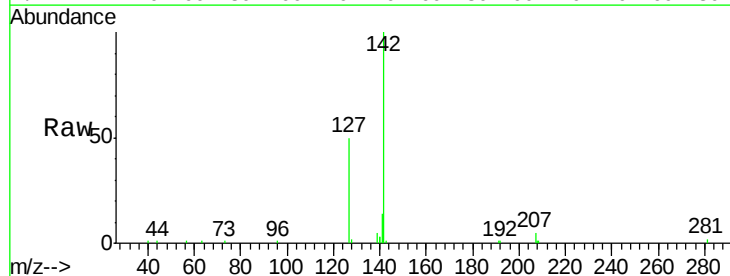
RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

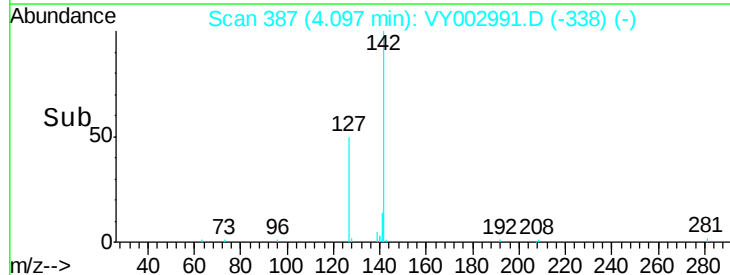
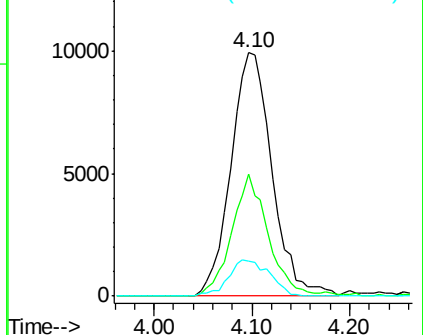
Lab File: VY002991.D

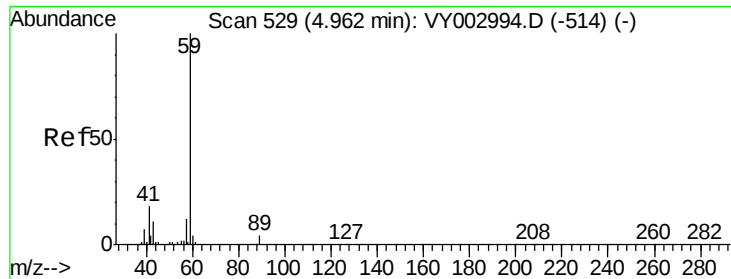
Acq: 25 Jun 2020 11:02

Tgt Ion:	142	Resp:	28935
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.8	53.8
141	14.9	11.7	17.5



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





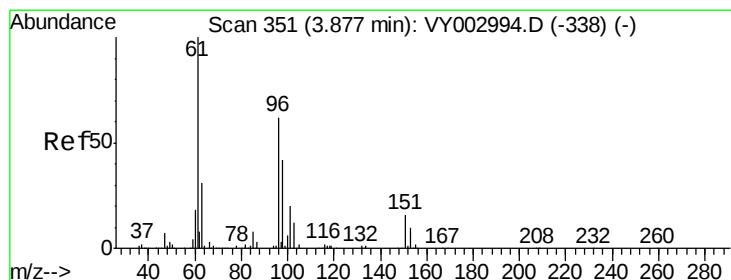
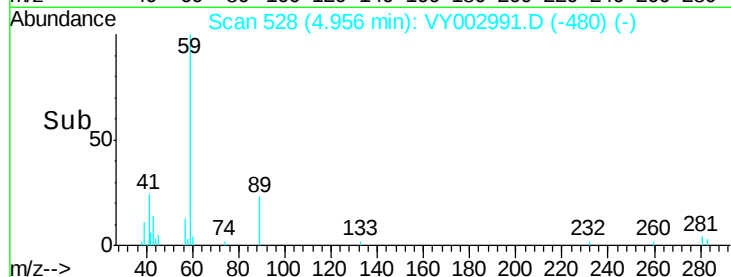
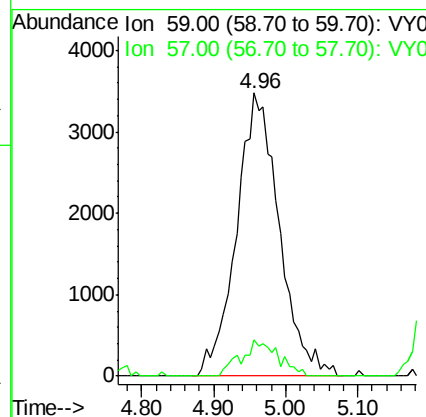
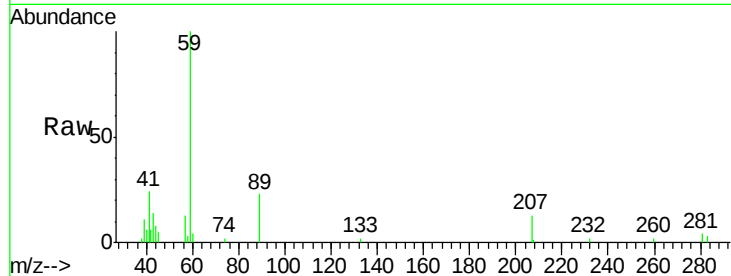
#11
Tert butyl alcohol
Concen: 30.320 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.8	8.4	12.6

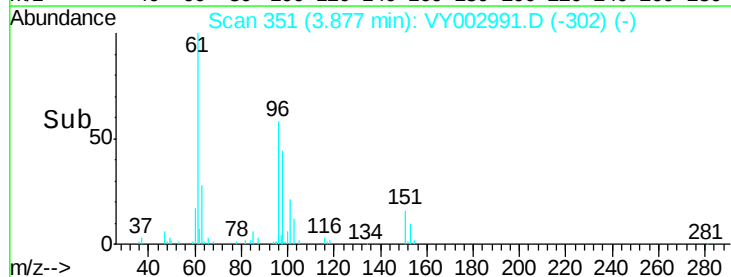
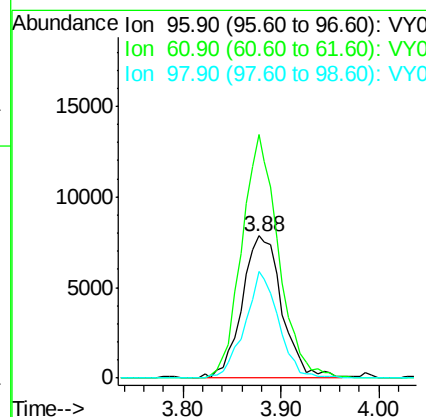
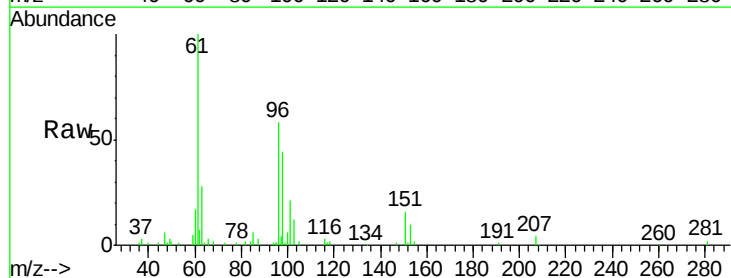
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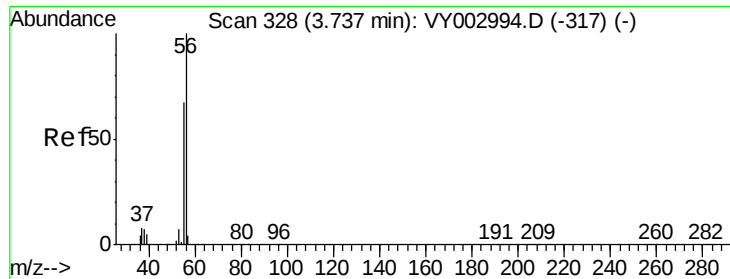
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#12
1,1-Dichloroethene
Concen: 4.975 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.6	128.1	192.1
98	75.6	53.5	80.3





#13

Acrolein

Concen: 24.549 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 11601

Ion Ratio Lower Upper

56 100

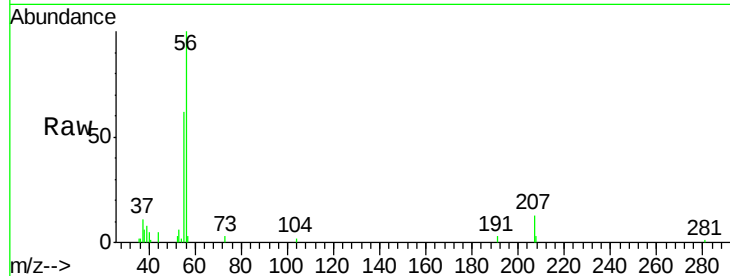
55 71.5 57.0 85.4

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

5000

4000

3000

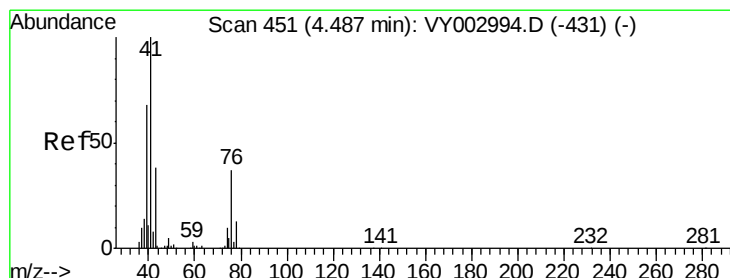
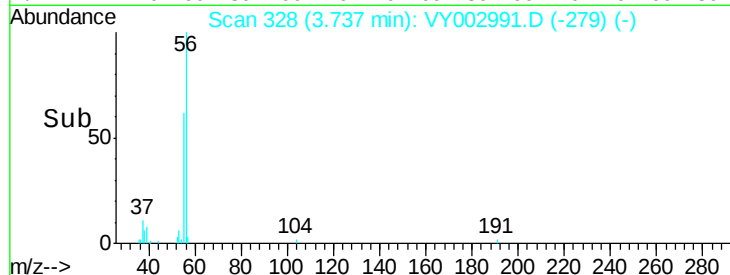
2000

1000

0

Time-->

3.65 3.70 3.75 3.80 3.85



#14

Allyl chloride

Concen: 5.149 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

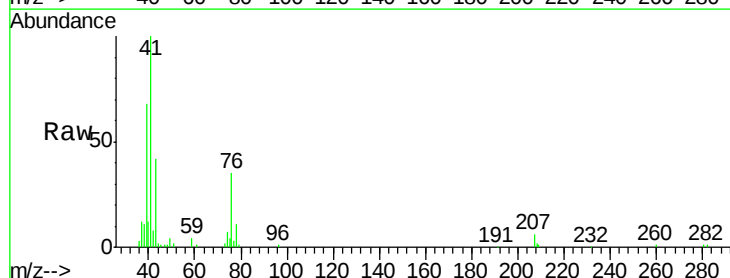
Tgt Ion: 41 Resp: 36392

Ion Ratio Lower Upper

41 100

39 66.2 53.1 79.7

76 37.0 30.0 45.0



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

15000

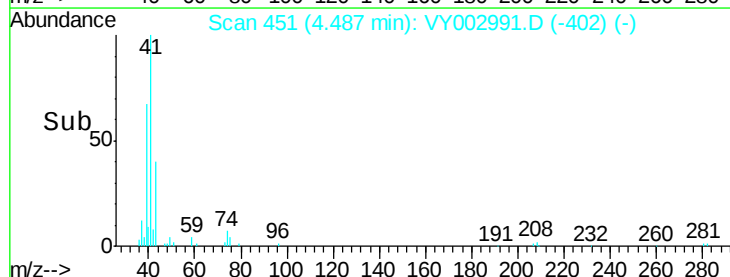
10000

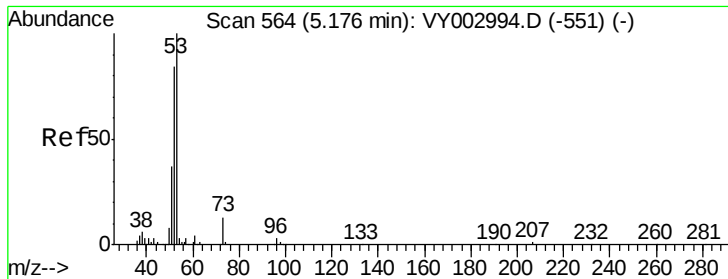
5000

0

Time-->

4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 26.474 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

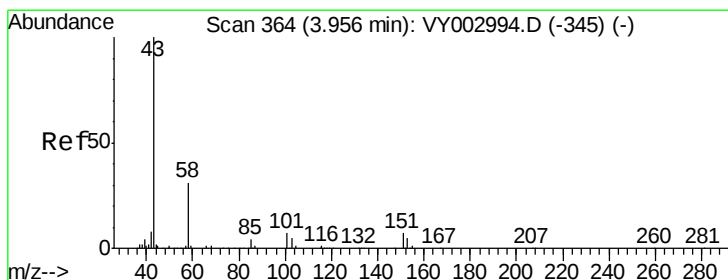
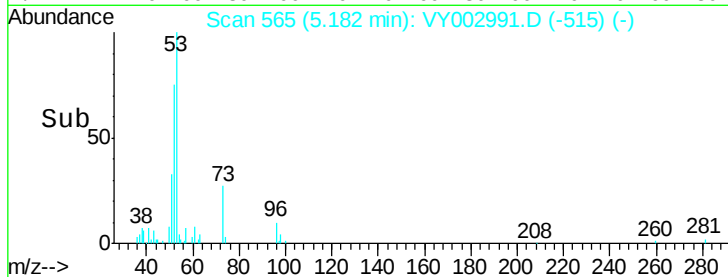
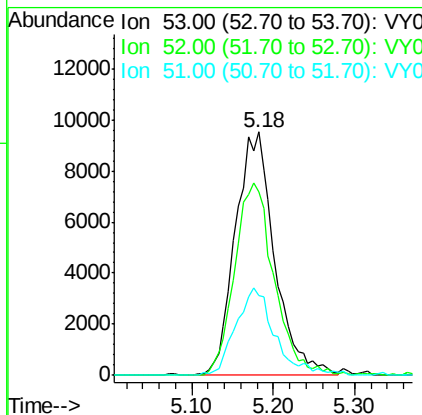
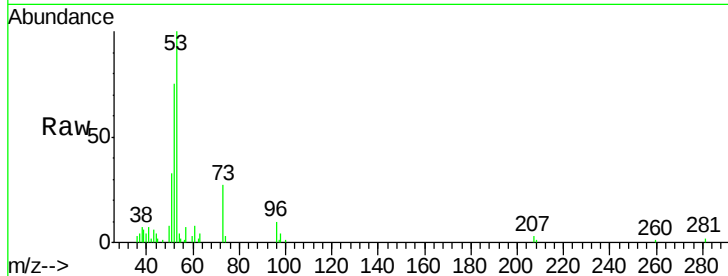
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	31867
Ion	Ratio	Lower	Upper
53	100		
52	79.2	68.0	102.0
51	35.4	29.8	44.8

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#16

Acetone

Concen: 24.512 ug/l

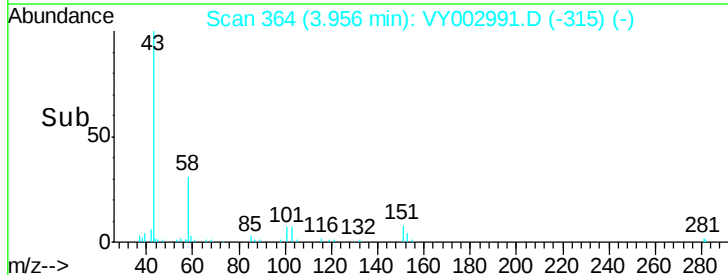
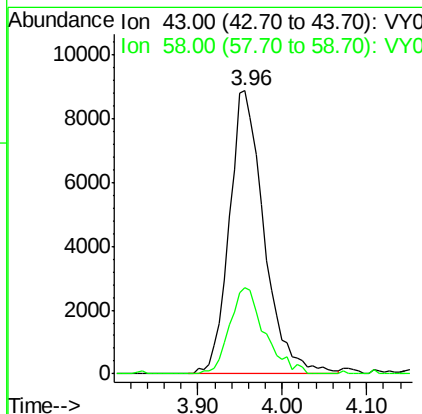
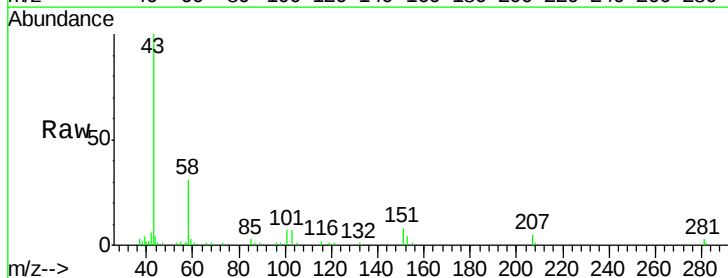
RT: 3.96 min Scan# 364

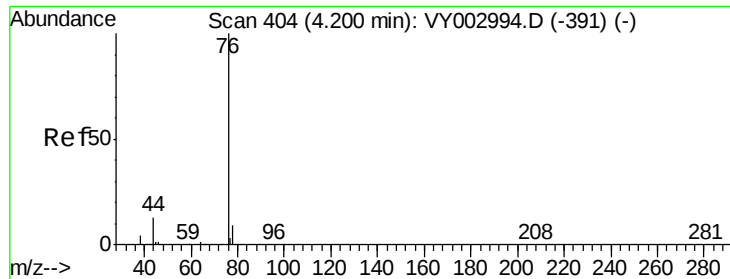
Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Tgt Ion:	43	Resp:	24867
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.4	36.6





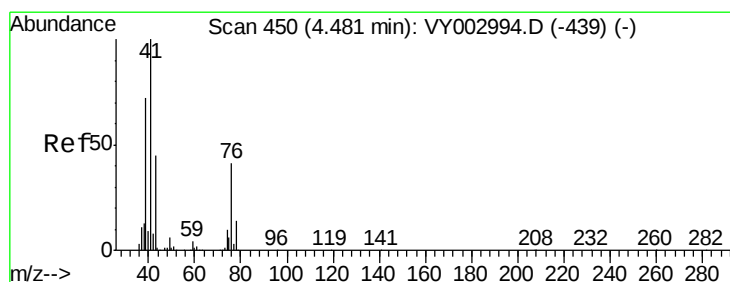
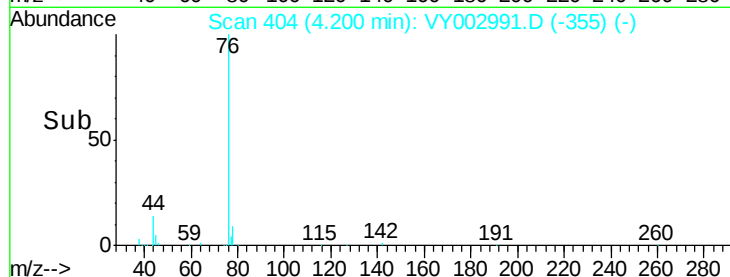
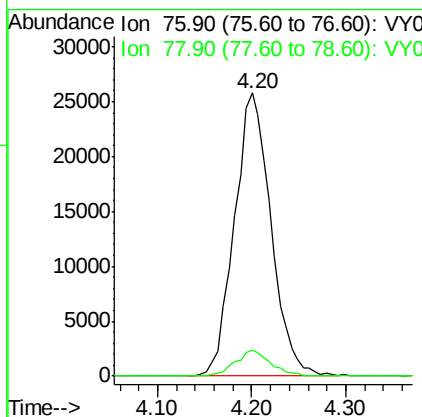
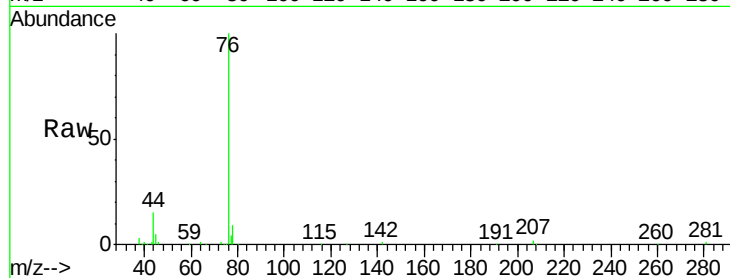
#17
Carbon Disulfide
Concen: 5.122 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

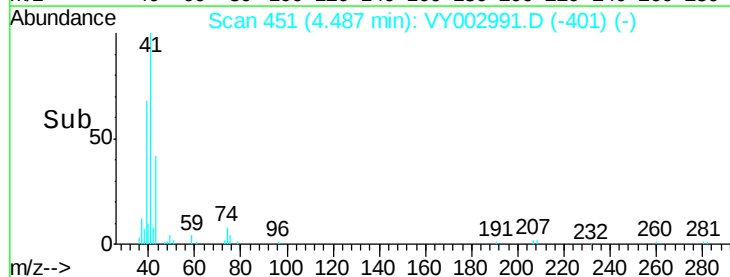
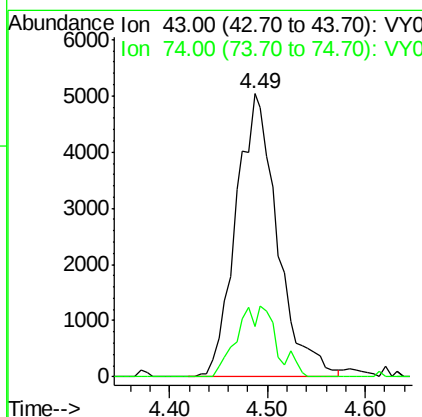
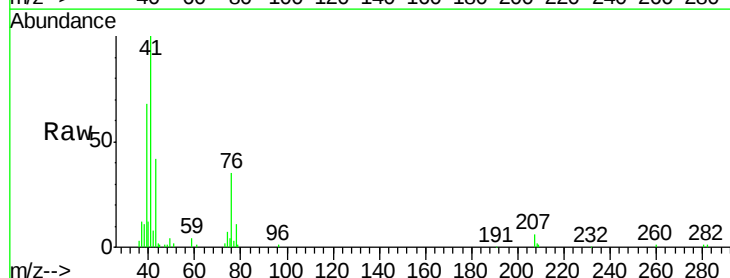
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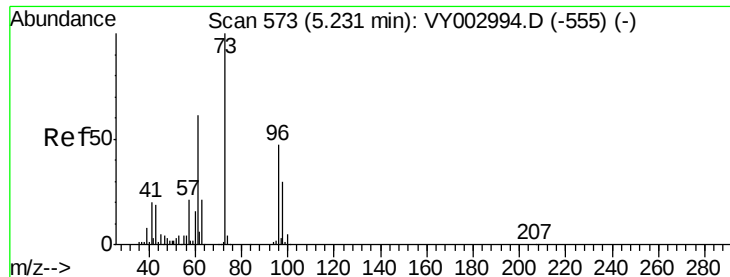
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#18
Methyl Acetate
Concen: 5.579 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	12.0	19.8	29.6





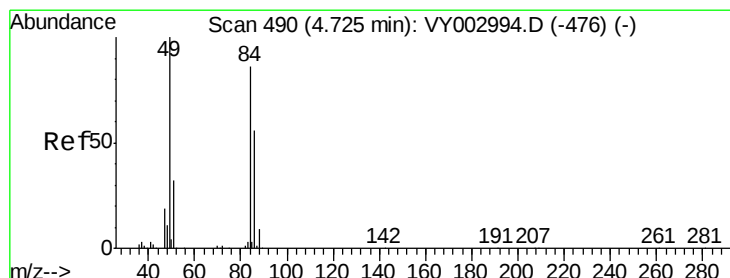
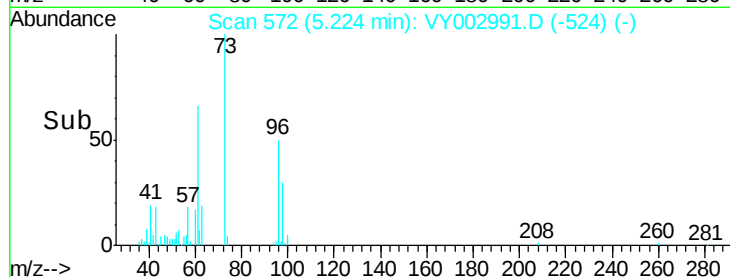
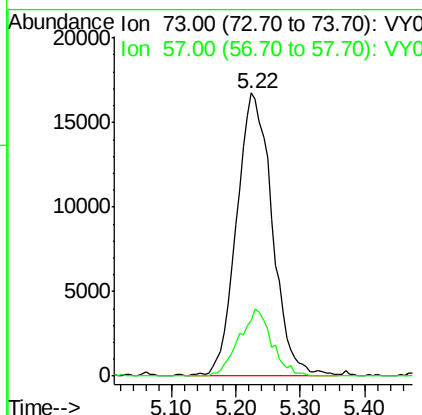
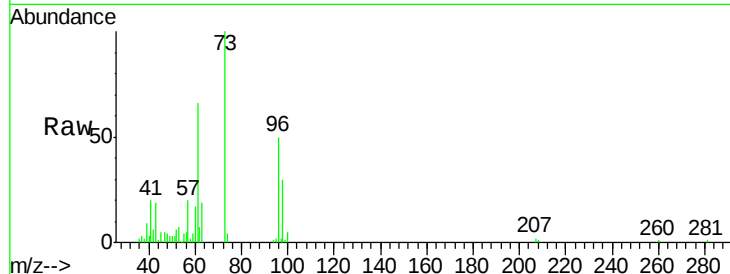
#19
Methvl tert-butvl Ether
Concen: 5.121 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.8	17.0	25.4

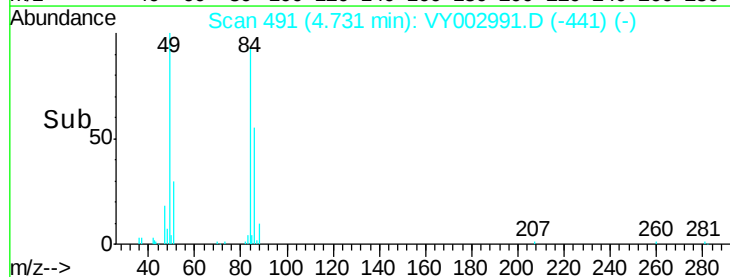
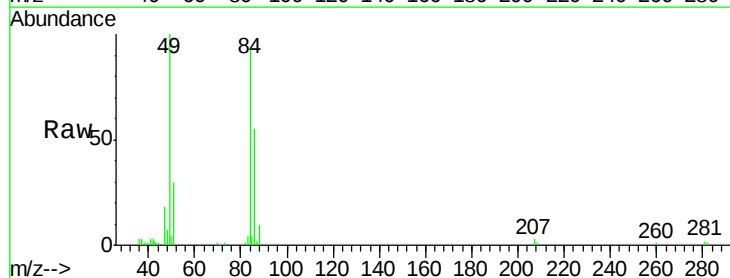
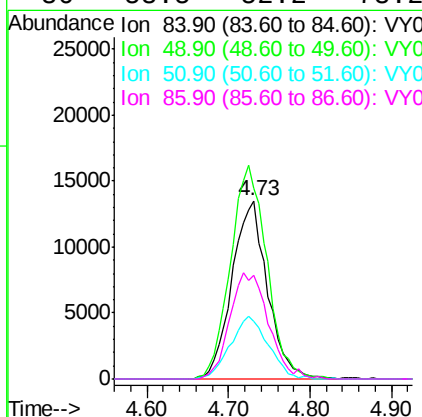
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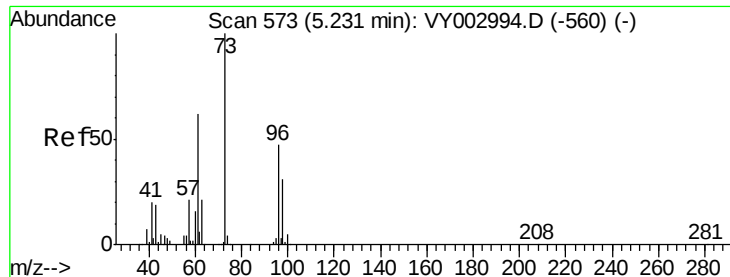
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#20
Methylene Chloride
Concen: 6.851 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.0	92.6	138.8
51	32.5	29.8	44.8
86	58.5	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 5.307 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

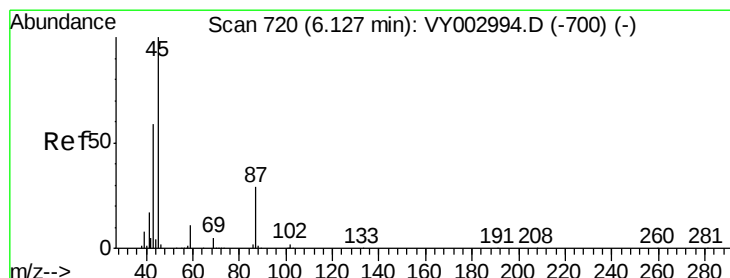
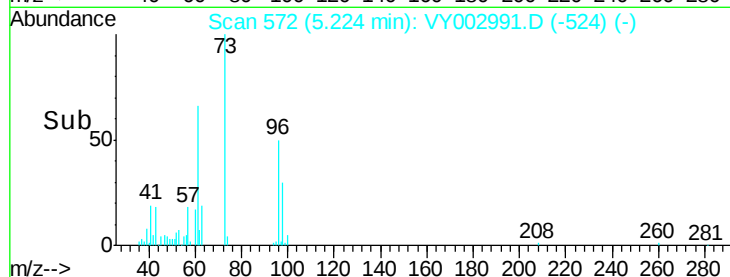
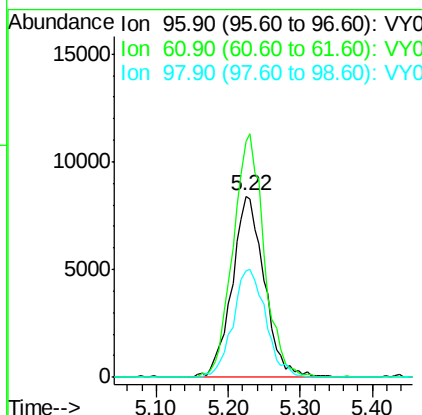
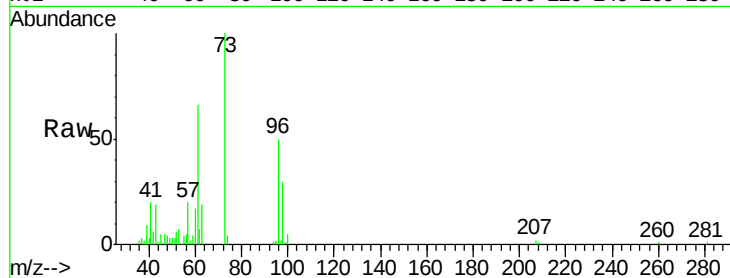
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	26190
Ion	Ratio	Lower	Upper
96	100		
61	130.4	104.0	156.0
98	59.1	51.6	77.4

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#22

Diisopropyl ether

Concen: 5.132 ug/l

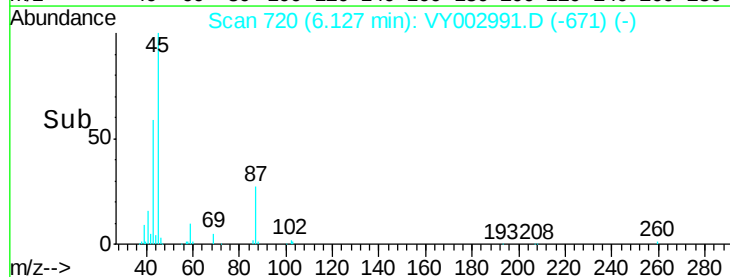
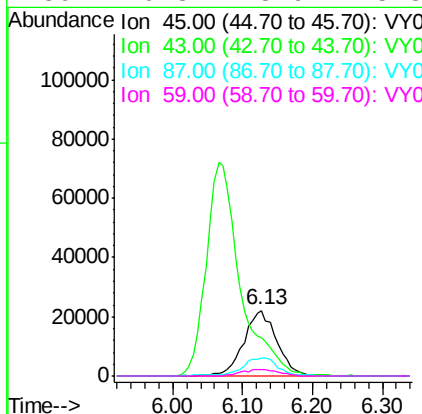
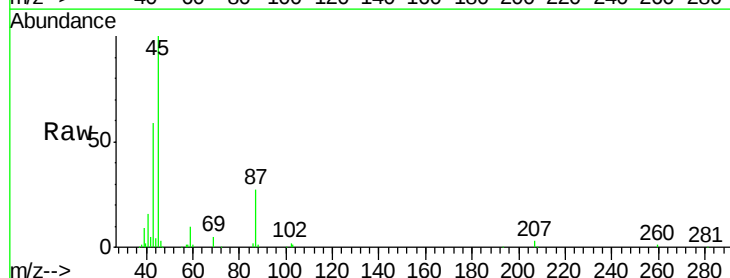
RT: 6.13 min Scan# 720

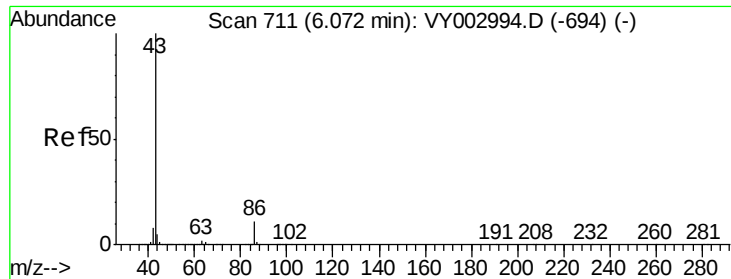
Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Tgt Ion:	45	Resp:	73035
Ion	Ratio	Lower	Upper
45	100		
43	57.9	47.5	71.3
87	27.1	23.3	34.9
59	10.3	8.9	13.3





#23

Vinyl Acetate

Concen: 25.321 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 243656

Ion Ratio Lower Upper

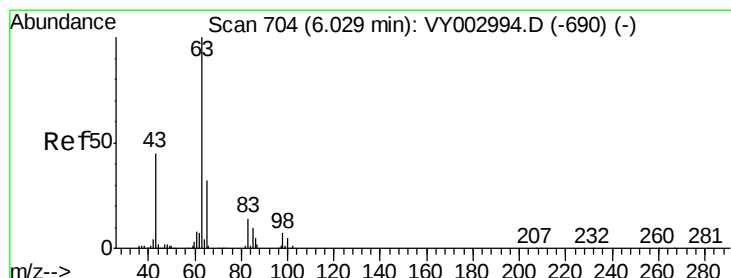
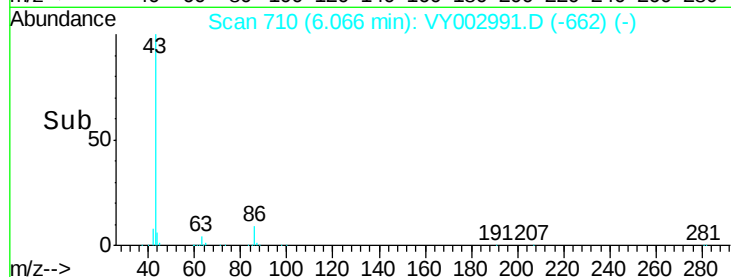
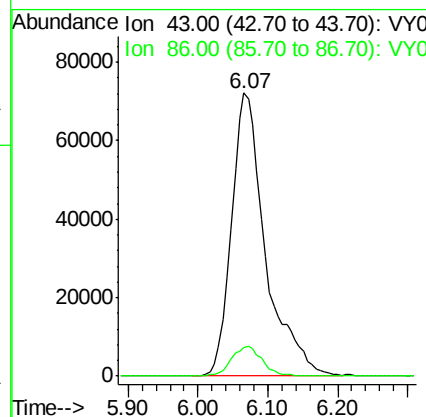
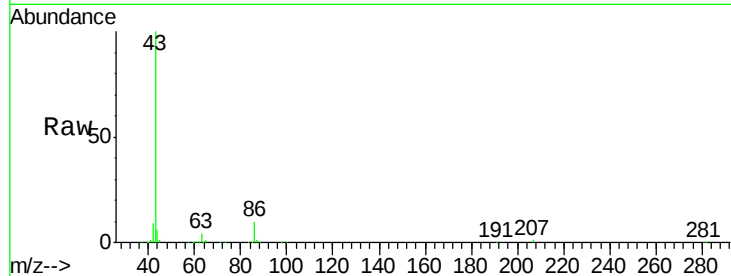
43 100

86 10.1 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 5.139 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

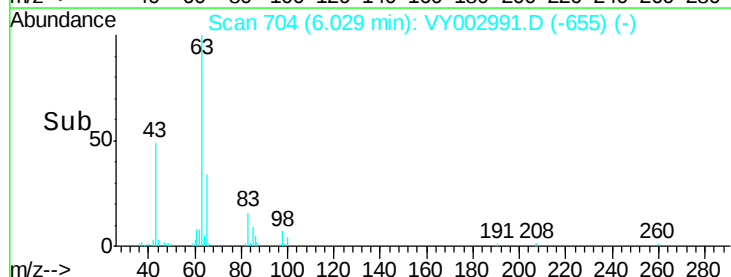
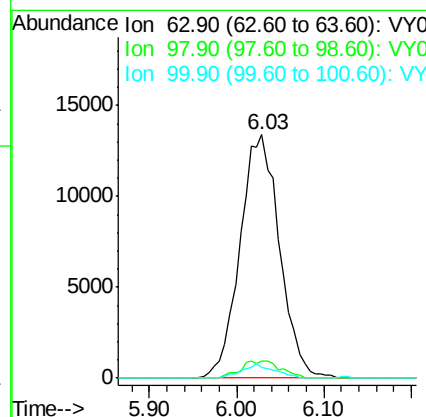
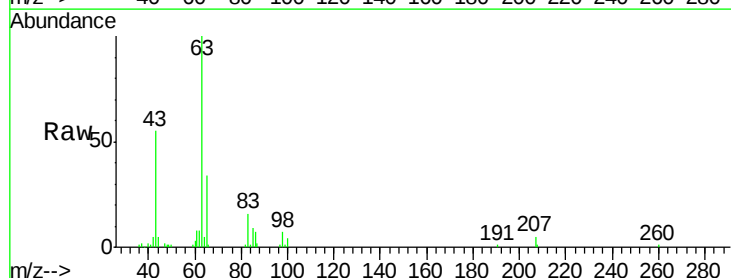
Tgt Ion: 63 Resp: 42072

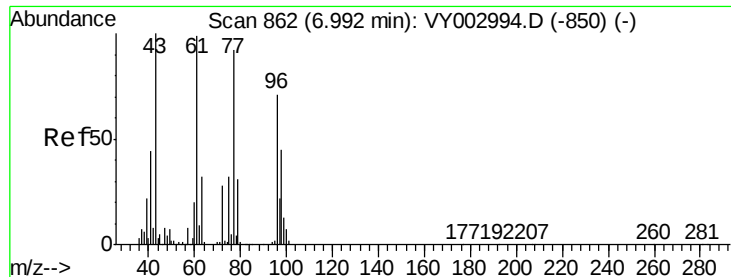
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 27.034 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 42964

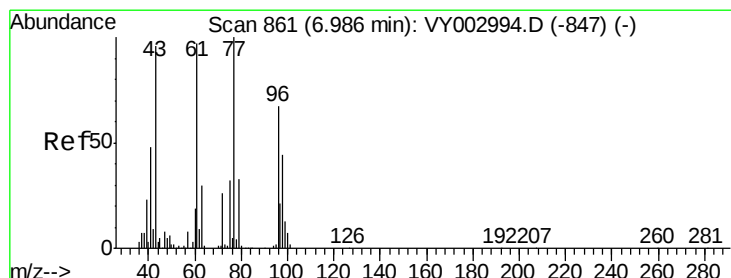
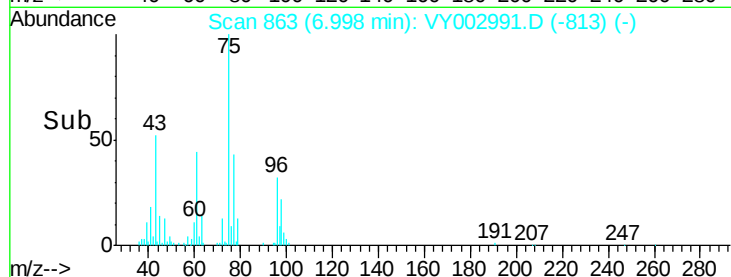
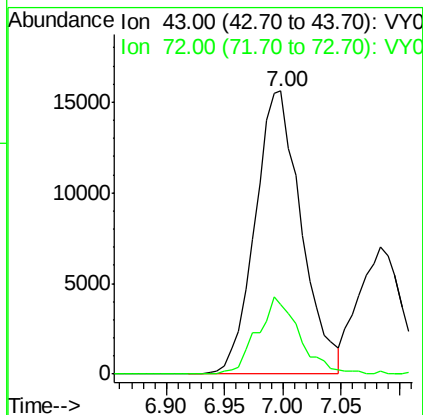
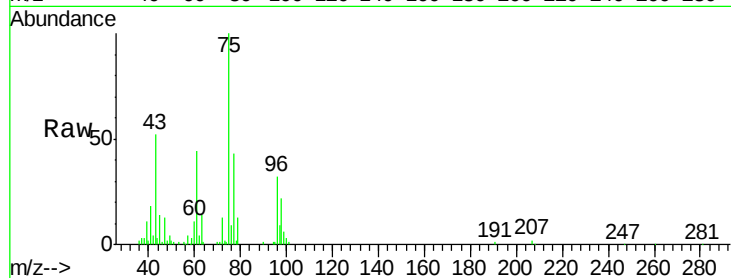
Ion Ratio Lower Upper

43 100

72 25.0 22.3 33.5

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#26

2,2-Dichloropropane

Concen: 5.427 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.00 min

Lab File: VY002991.D

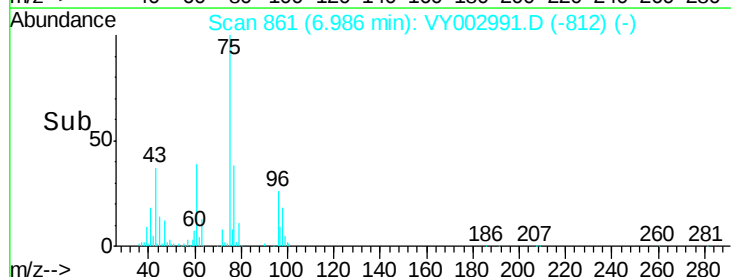
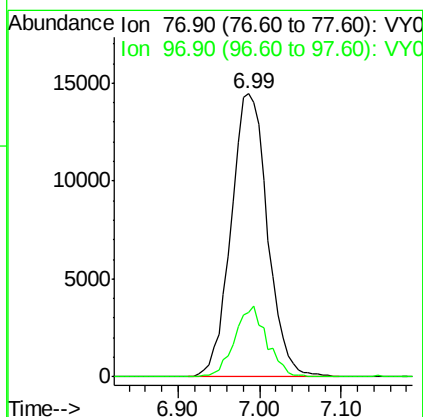
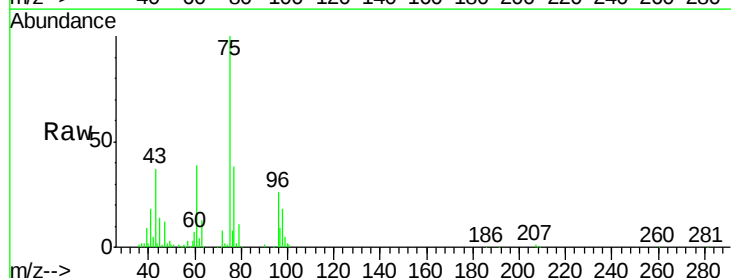
Acq: 25 Jun 2020 11:02

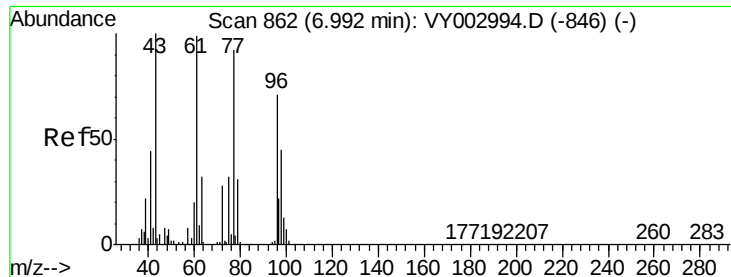
Tgt Ion: 77 Resp: 44711

Ion Ratio Lower Upper

77 100

97 22.1 11.1 33.3





#27

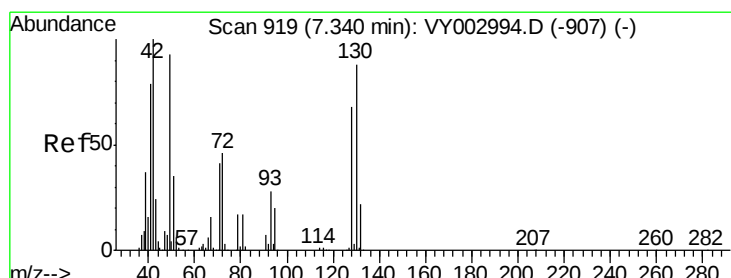
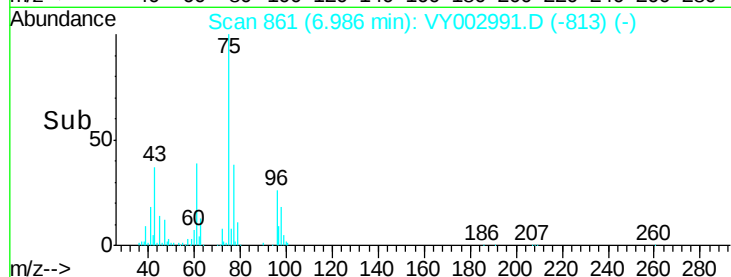
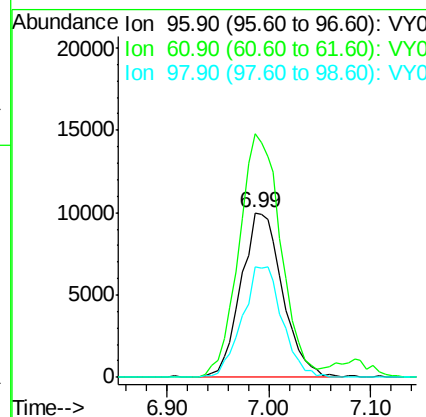
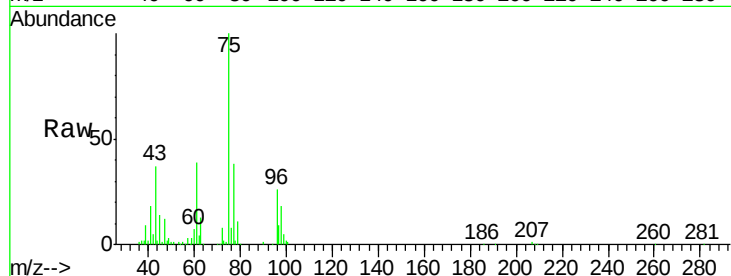
cis-1,2-Dichloroethene
Concen: 5.133 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	148.6	0.0	279.0	
98	64.9	0.0	128.2	

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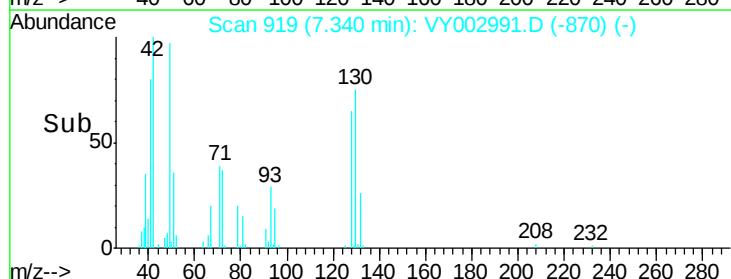
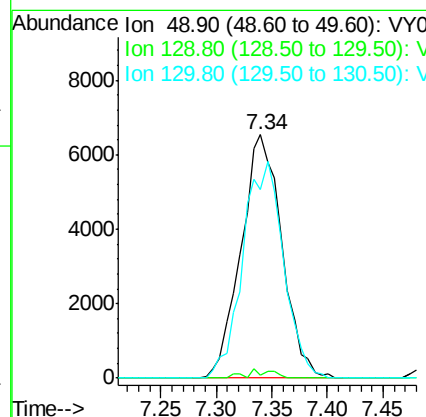
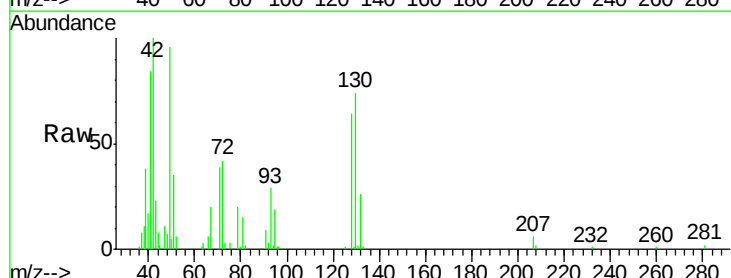
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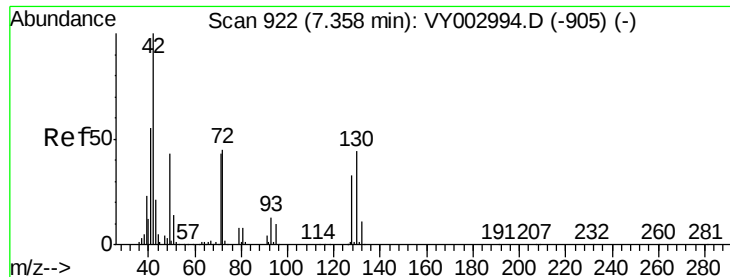


#28

Bromochloromethane
Concen: 5.118 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.7	0.0	5.4	
130	88.9	73.8	110.8	





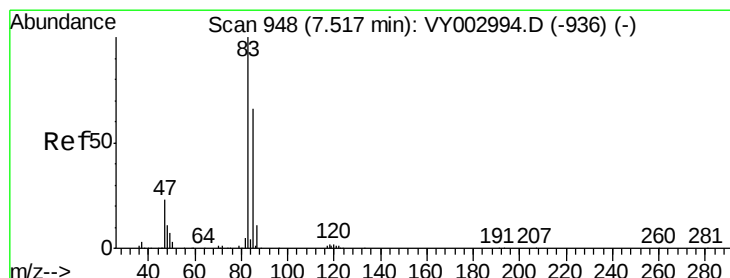
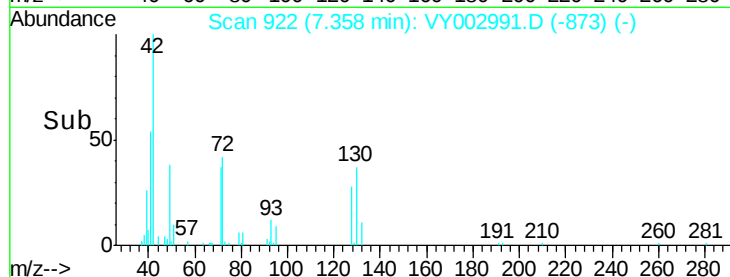
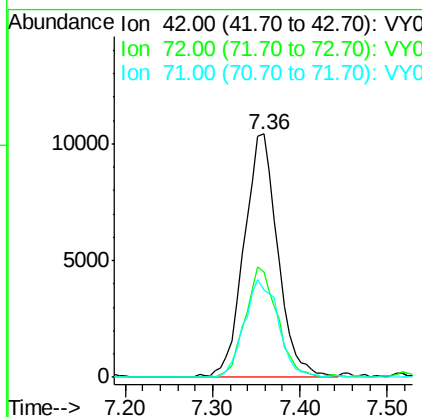
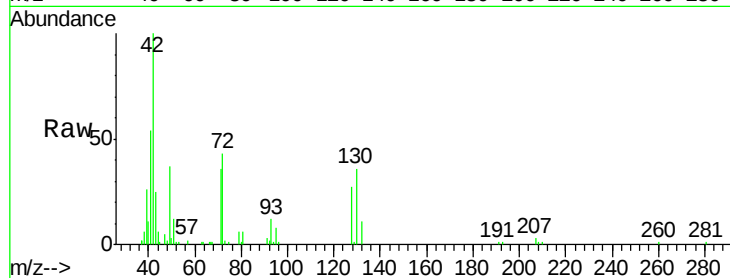
#29
Tetrahydrofuran
Concen: 26.565 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	36.2	54.4
71	40.7	34.2	51.2

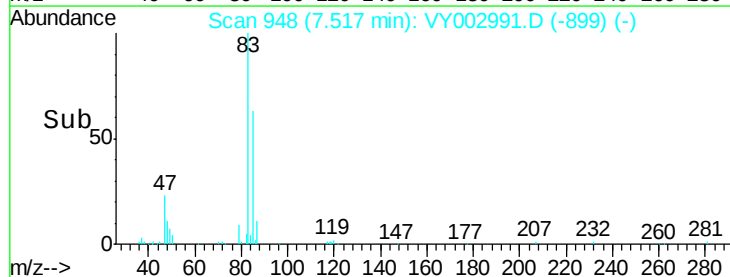
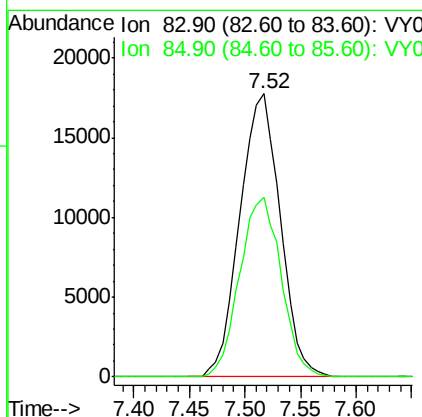
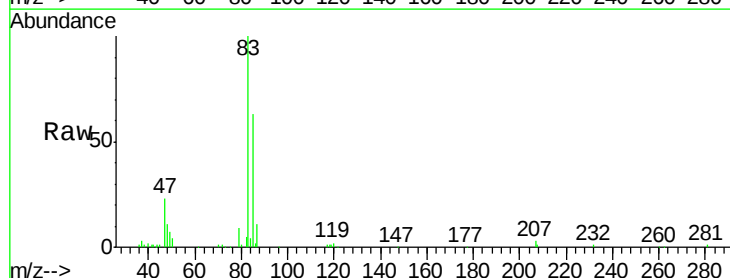
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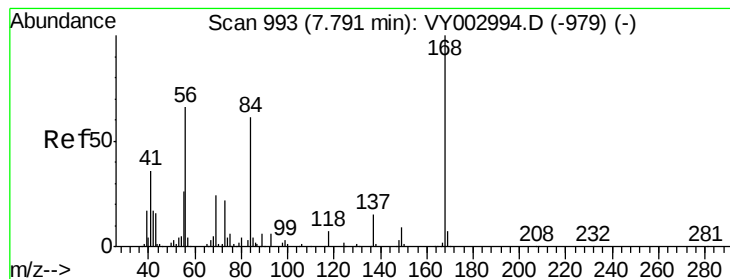
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#30
Chloroform
Concen: 5.181 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.6	78.8





#31

Cvclohexane

Concen: 6.044 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 46293

Ion Ratio Lower Upper

56 100

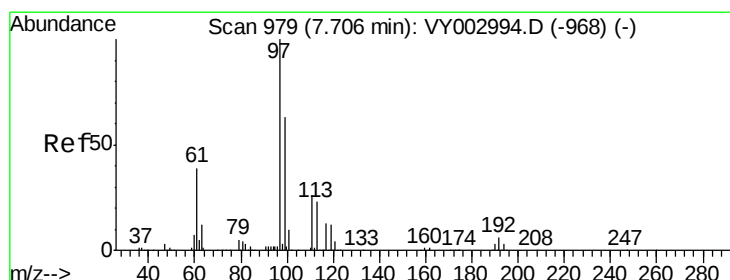
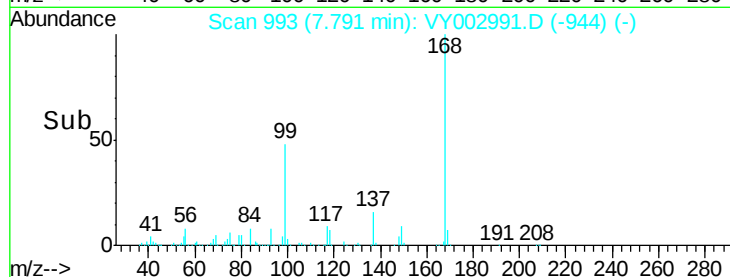
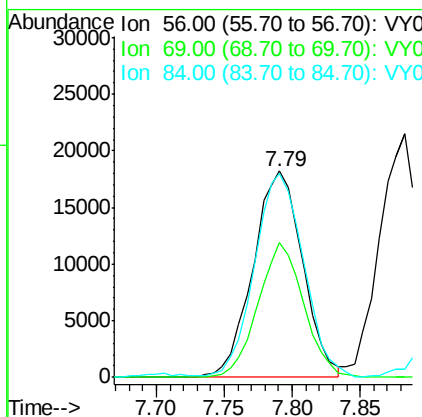
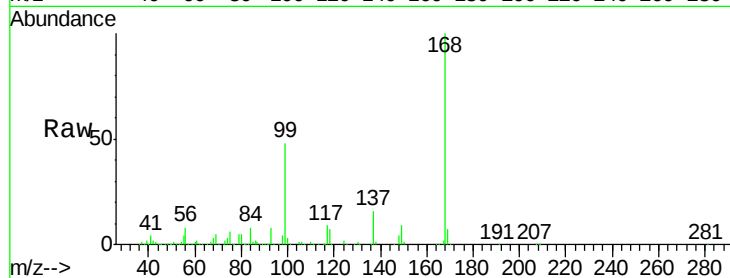
69 65.4 28.6 43.0#

84 97.8 74.0 111.0

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#32

1,1,1-Trichloroethane

Concen: 5.166 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

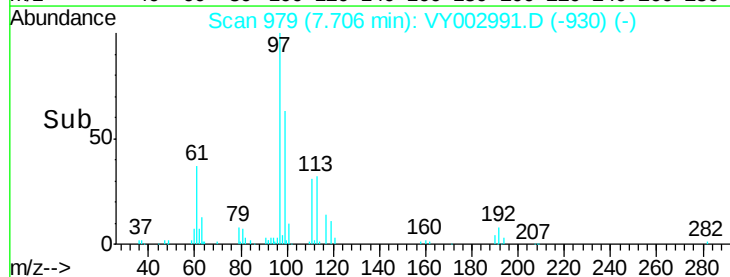
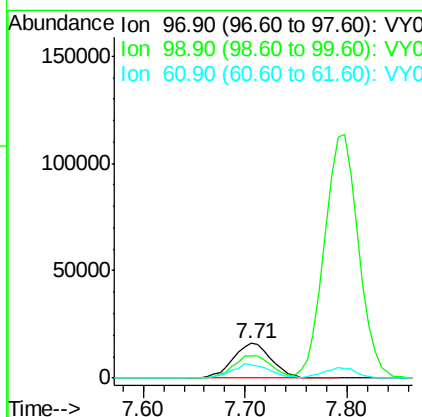
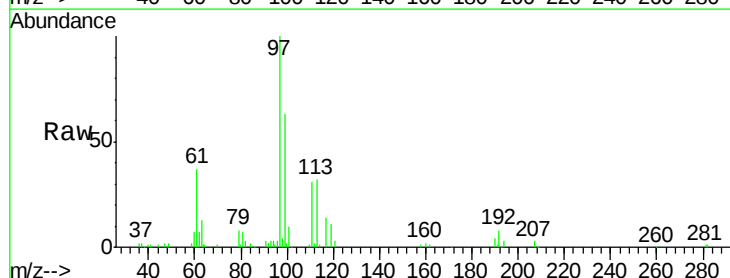
Tgt Ion: 97 Resp: 42329

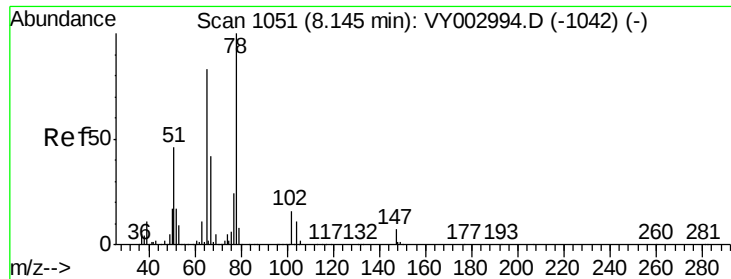
Ion Ratio Lower Upper

97 100

99 63.5 51.8 77.6

61 39.3 31.0 46.6





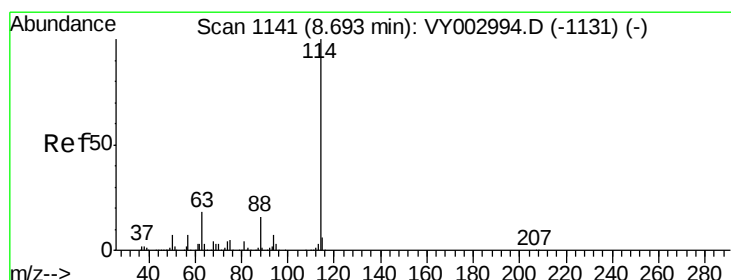
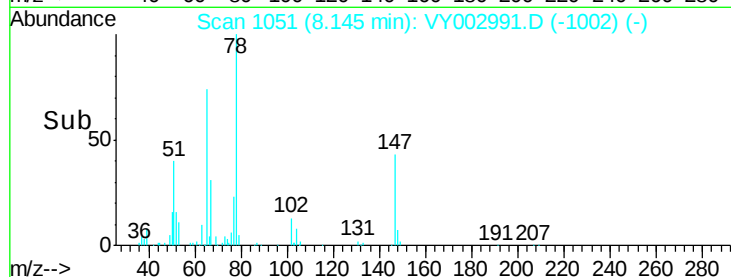
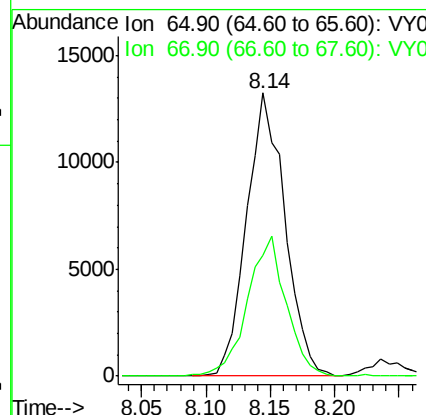
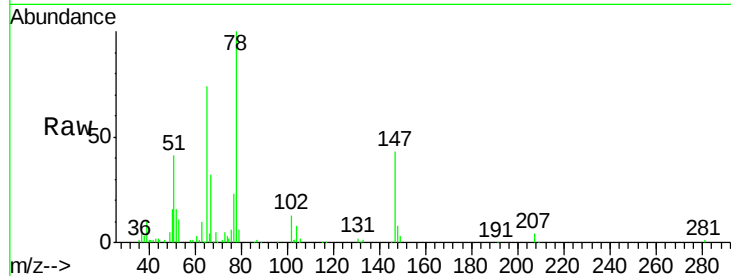
#33
 1,2-Dichloroethane-d4
 Concen: 5.755 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY002991.D
 Acq: 25 Jun 2020 11:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	102.2

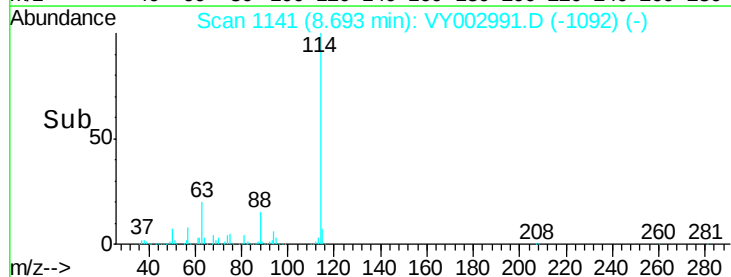
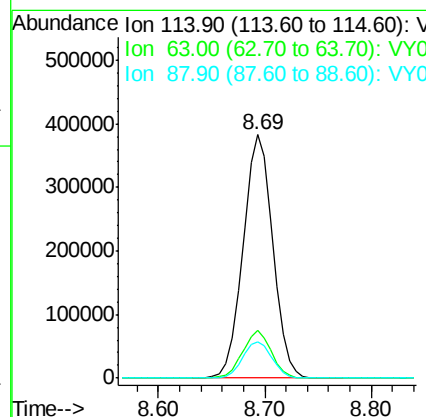
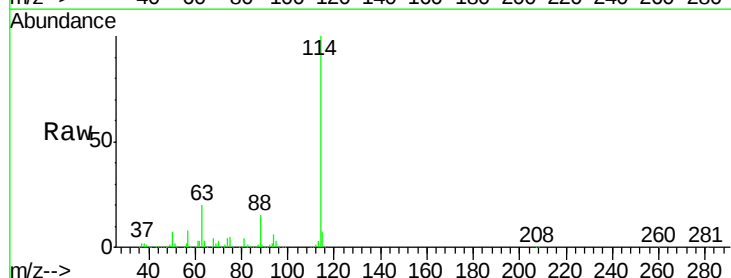
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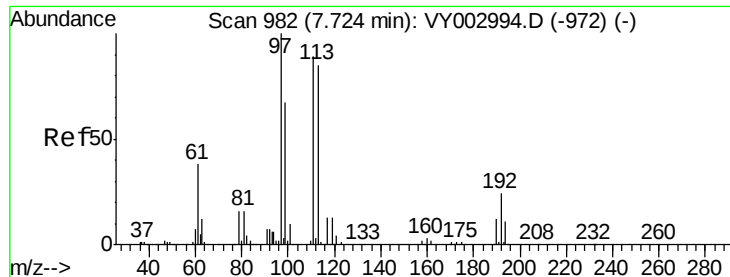
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002991.D
 Acq: 25 Jun 2020 11:02

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





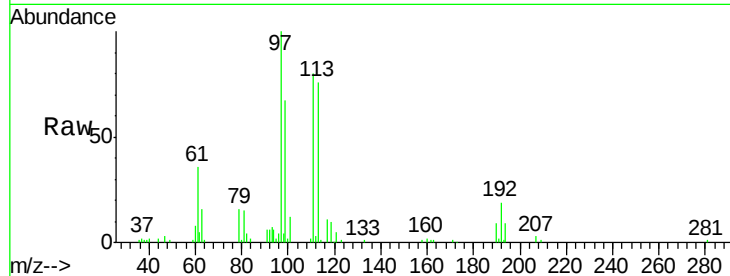
#35
Dibromofluoromethane
Concen: 5.219 ug/l
RT: 7.72 min Scan# 981
Delta R.T. -0.01 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

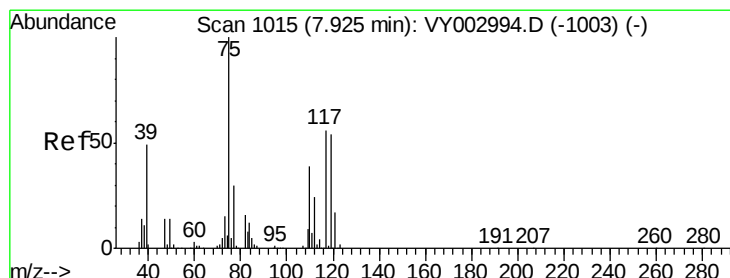
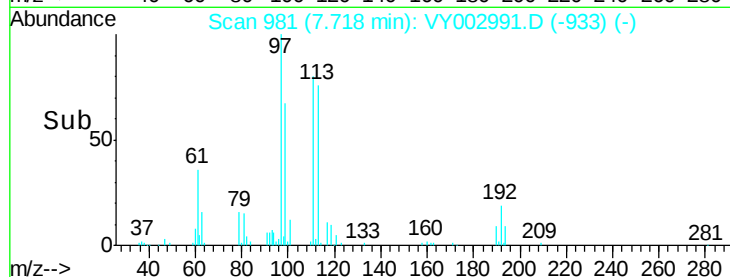
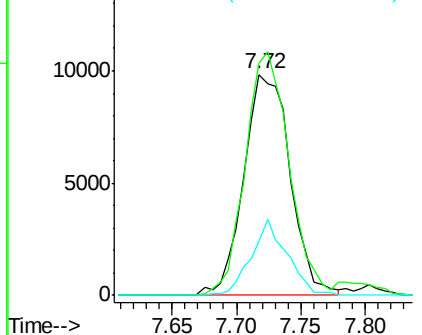
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.2	121.8
192	26.7	21.1	31.7

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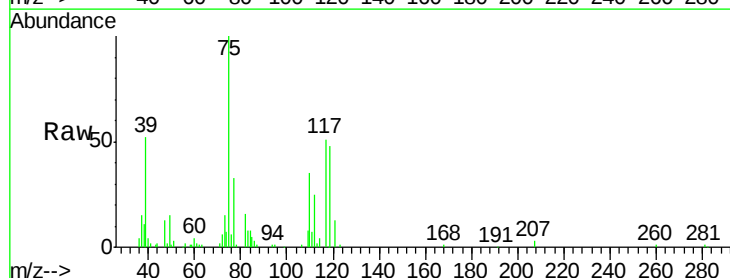


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

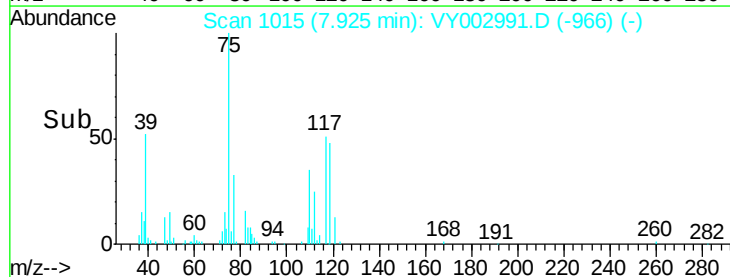
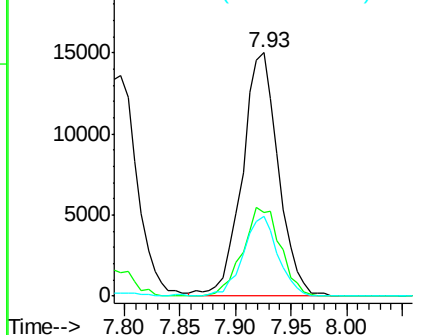


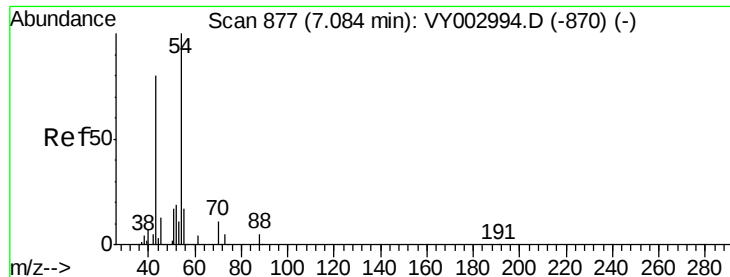
#36
1,1-Dichloropropene
Concen: 4.828 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.0	18.9	56.9
77	31.3	24.3	36.5



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0





#37

Ethyl Acetate

Concen: 4.905 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

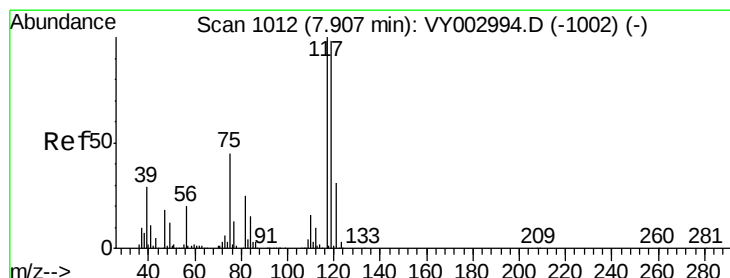
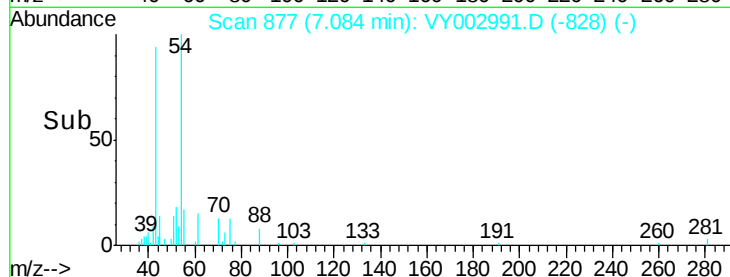
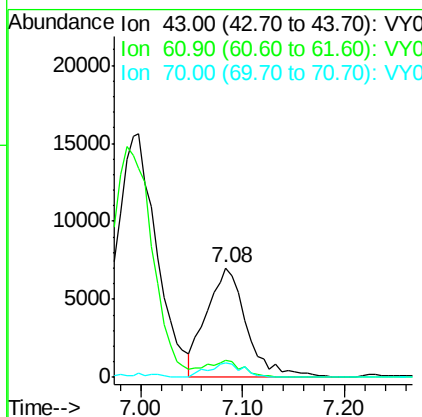
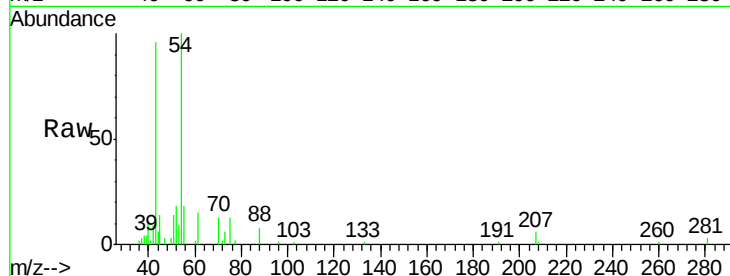
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	19331
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.9	16.3
70	11.5	9.0	13.4

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#38

Carbon Tetrachloride

Concen: 4.754 ug/l

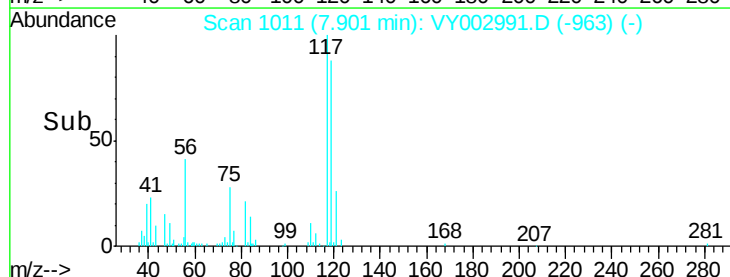
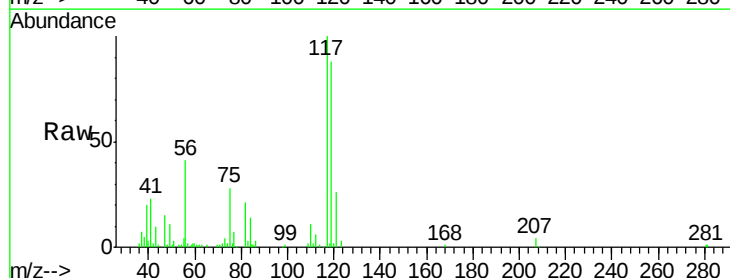
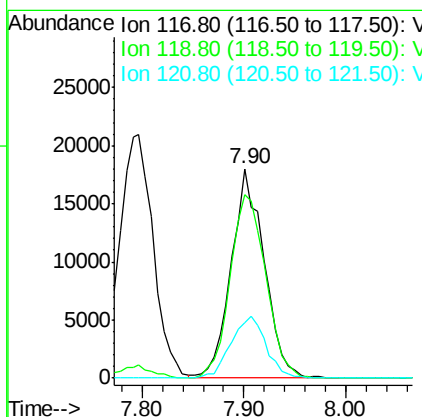
RT: 7.90 min Scan# 1011

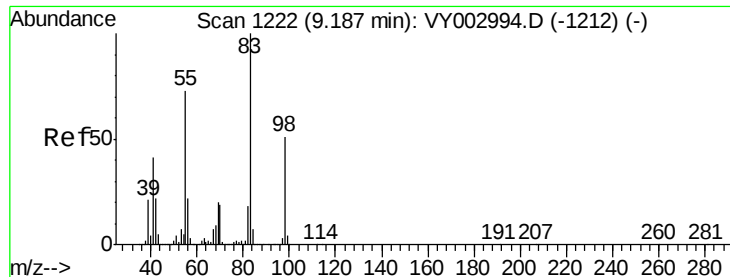
Delta R.T. -0.01 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Tgt Ion:	117	Resp:	40323
Ion	Ratio	Lower	Upper
117	100		
119	87.8	78.2	117.4
121	26.3	24.5	36.7





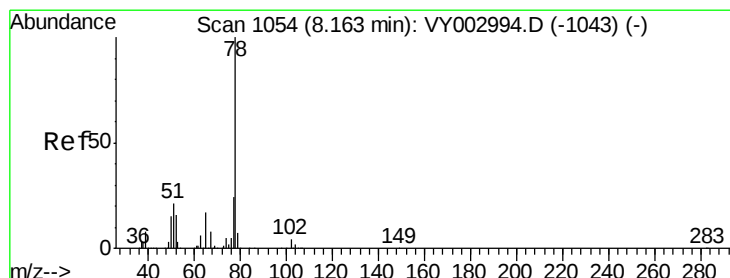
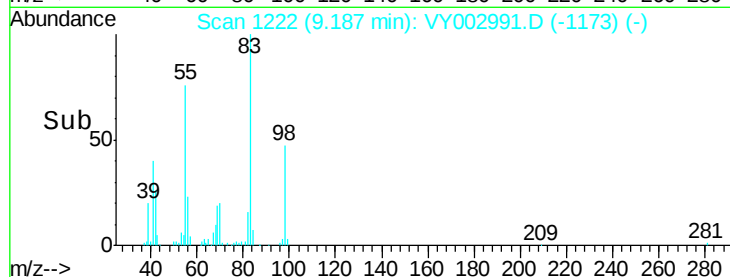
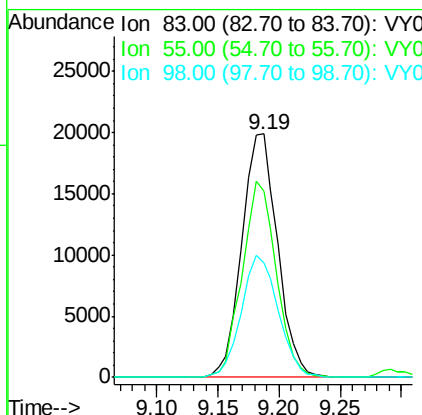
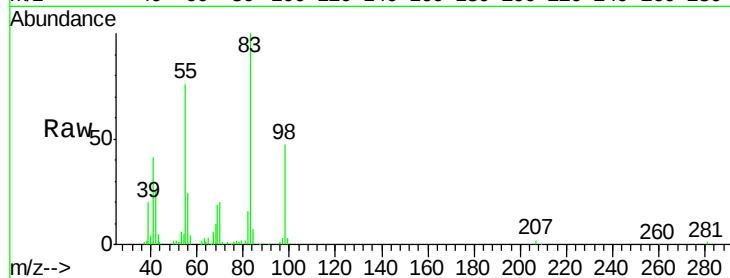
#39
Methvlcvclohexane
Concen: 4.901 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	58.6	87.8
98	46.9	41.0	61.6

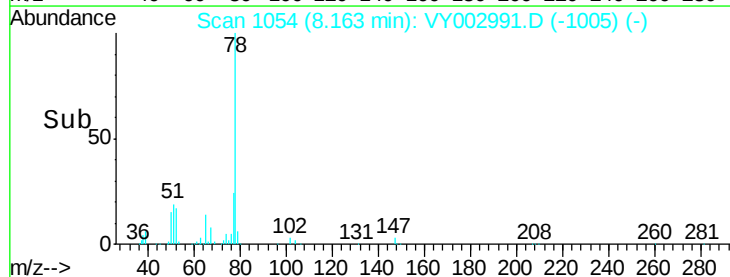
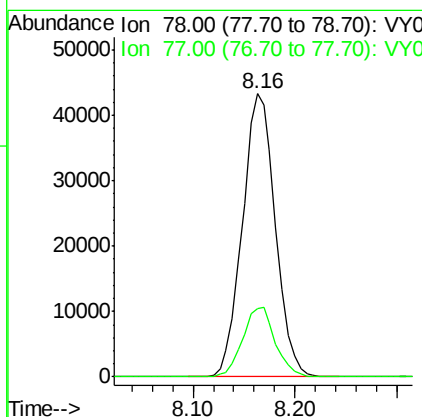
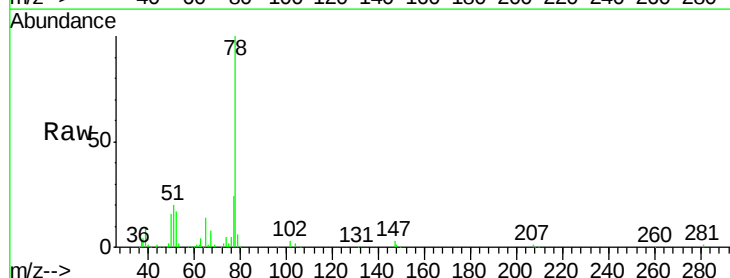
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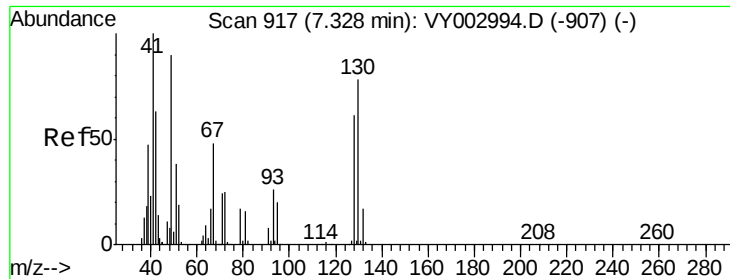
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#40
Benzene
Concen: 5.107 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8





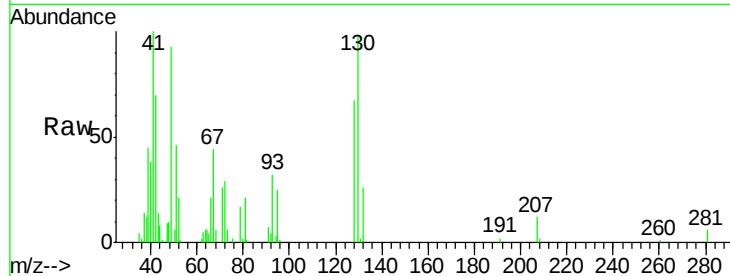
#41
Methacrylonitrile
Concen: 2.144 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

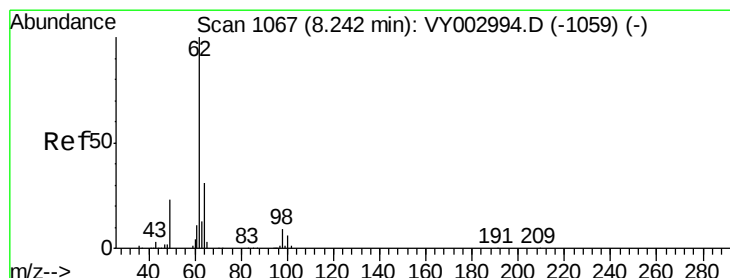
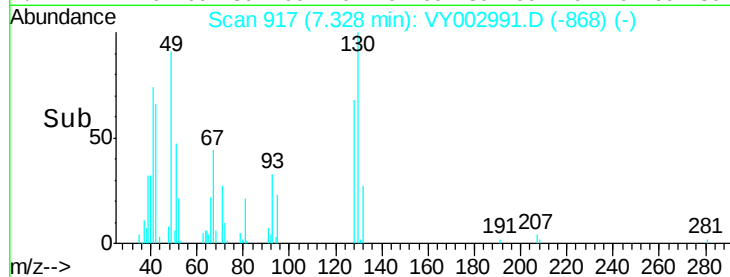
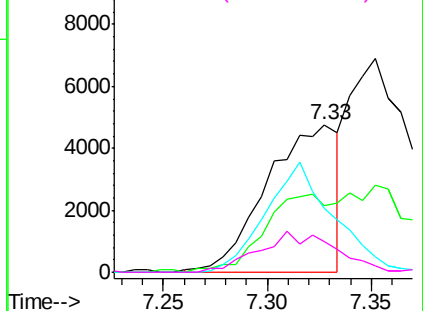
Tot Ion	41	Resp	11459
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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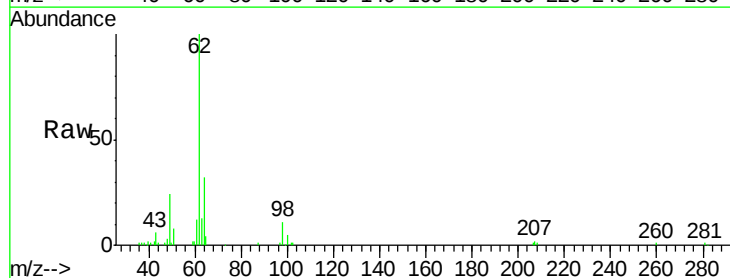


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

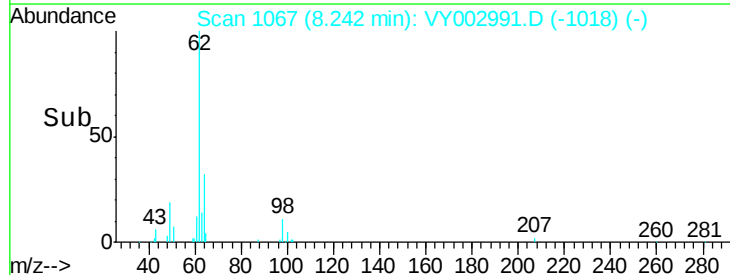
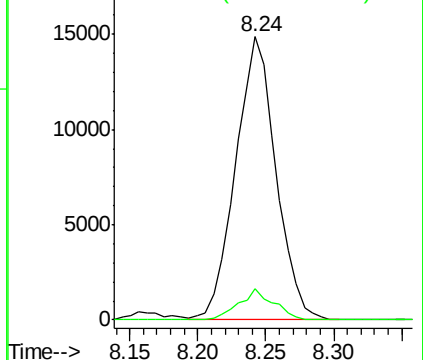


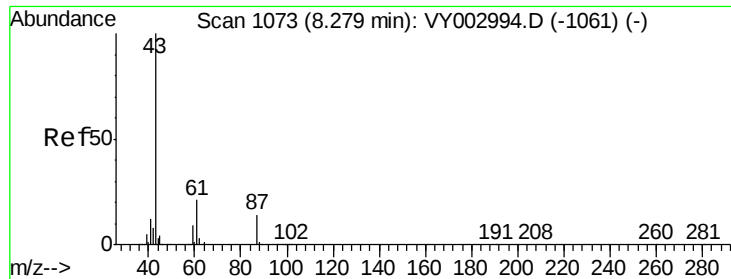
#42
1,2-Dichloroethane
Concen: 5.027 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	62	Resp	30724
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





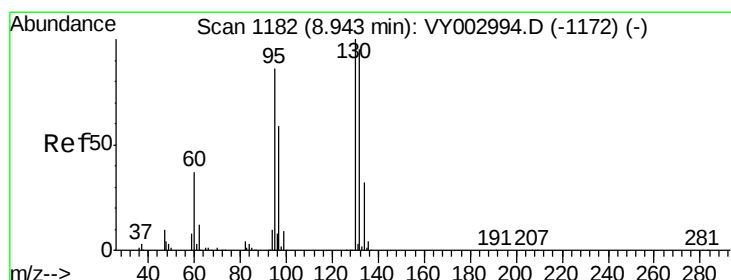
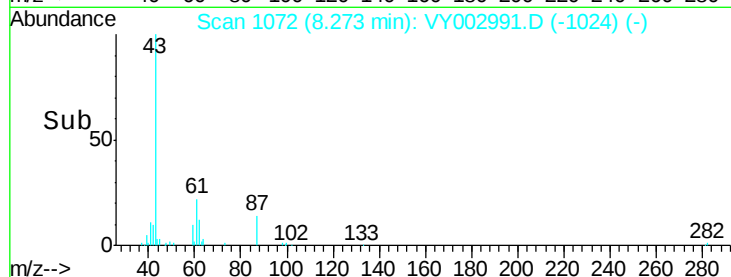
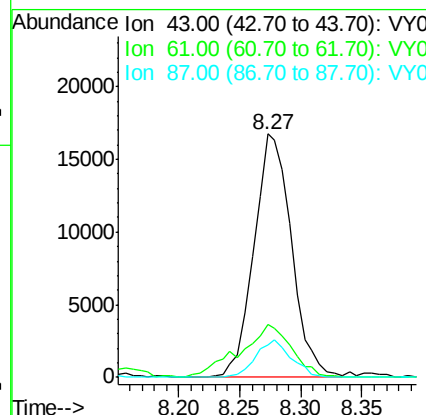
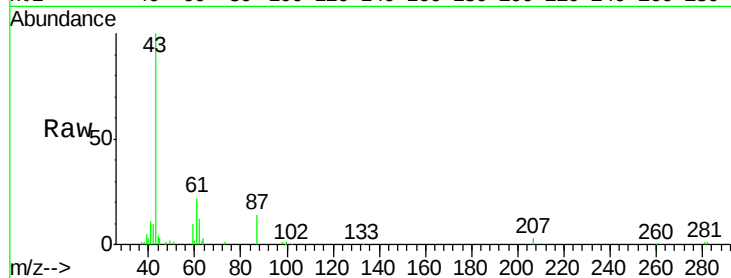
#43
Isopropyl Acetate
Concen: 5.173 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.2	34.8
87	14.5	11.4	17.2

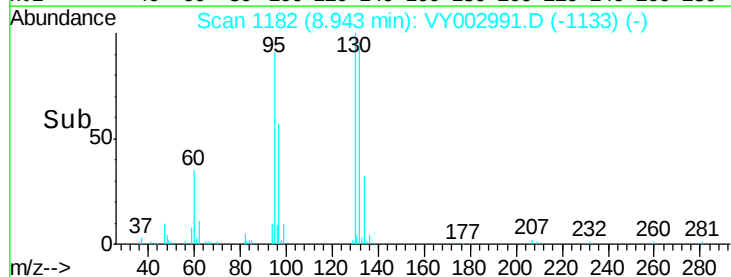
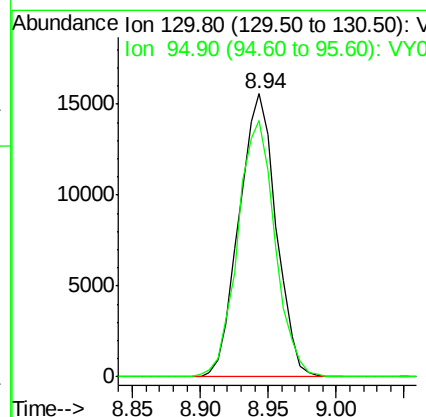
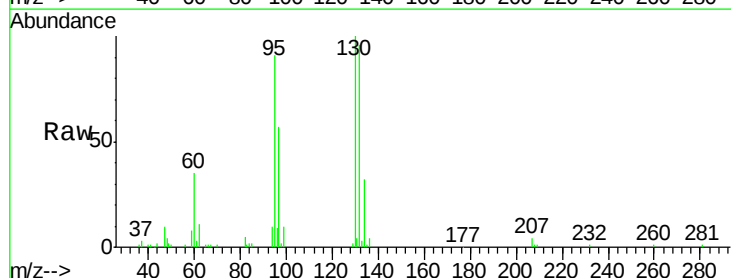
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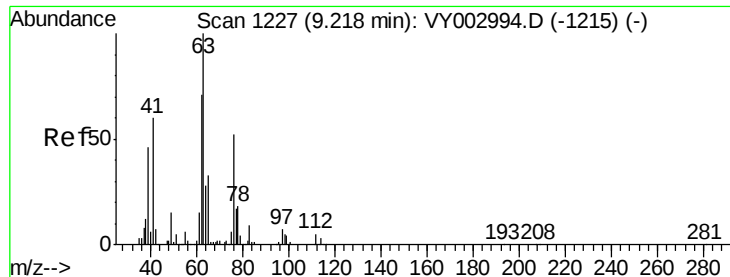
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#44
Trichloroethene
Concen: 5.011 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	171.4





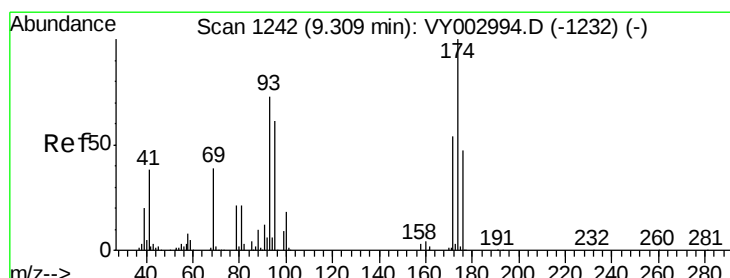
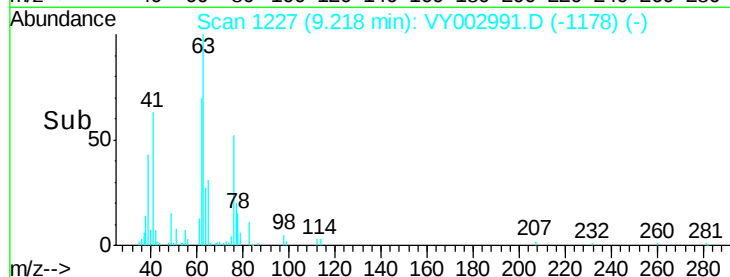
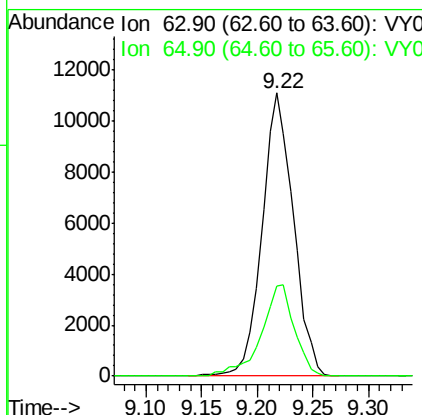
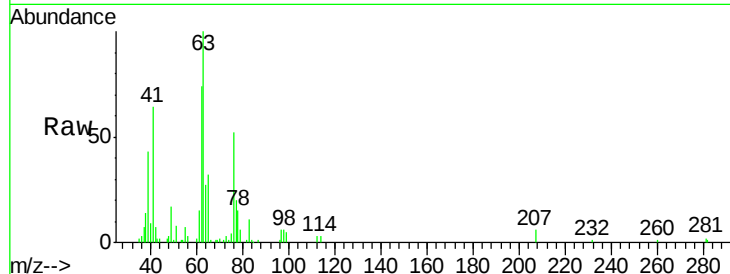
#45
 1,2-Dichloropropane
 Concen: 4.945 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY002991.D
 Acq: 25 Jun 2020 11:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	63	Resp	21724
Ion Ratio	Lower	Upper	
63	100		
65	31.8	26.2	39.4

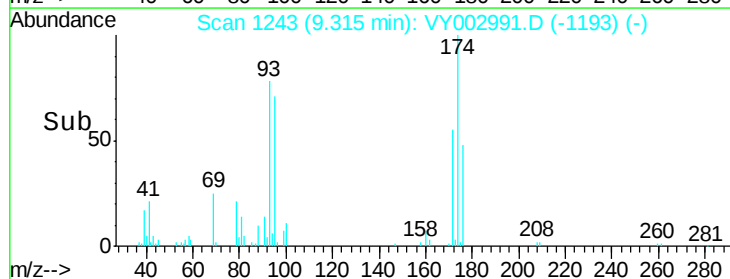
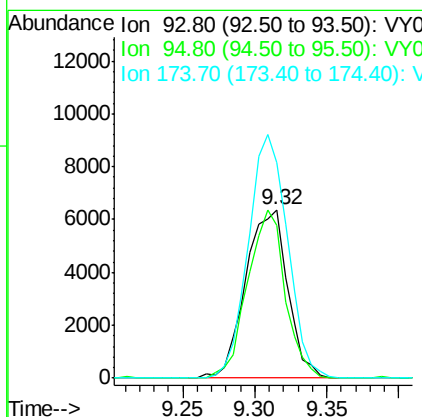
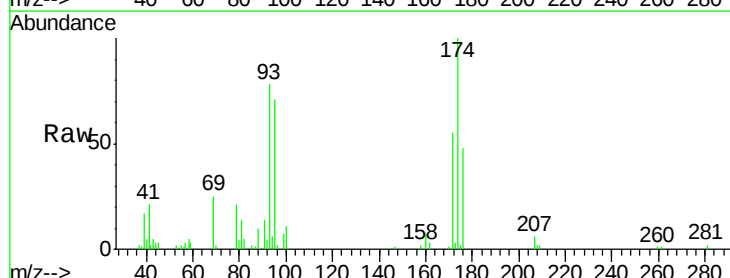
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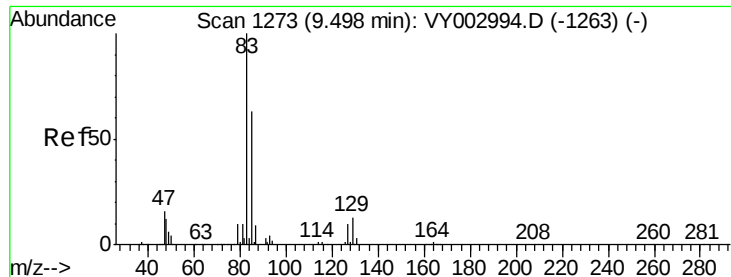
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#46
 Dibromomethane
 Concen: 4.822 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY002991.D
 Acq: 25 Jun 2020 11:02

Tgt Ion	93	Resp	12841
Ion Ratio	Lower	Upper	
93	100		
95	89.3	66.2	99.2
174	135.2	109.8	164.8





#47

Bromodichloromethane

Concen: 4.938 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

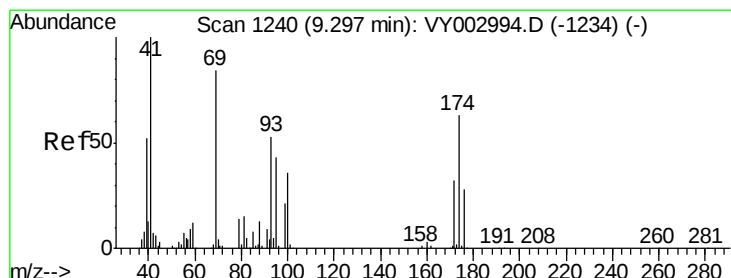
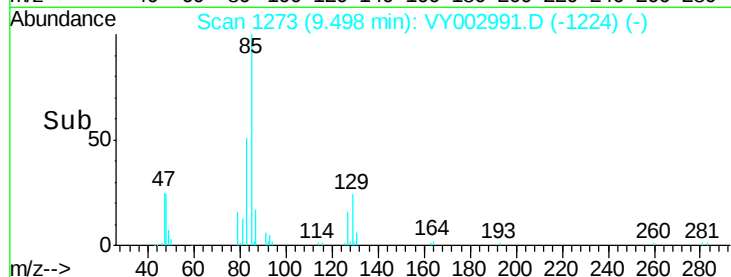
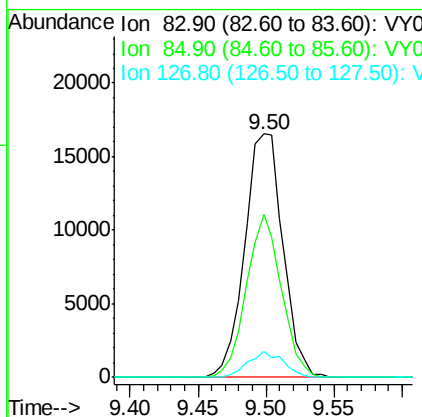
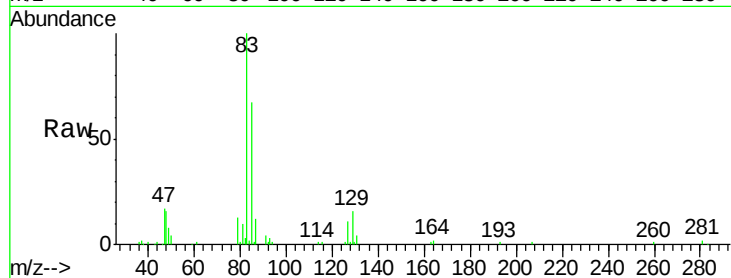
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	32627
Ion Ratio	Lower	Upper	
83	100		
85	67.2	50.2	75.4
127	10.5	7.8	11.6

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#48

Methyl methacrylate

Concen: 4.823 ug/l

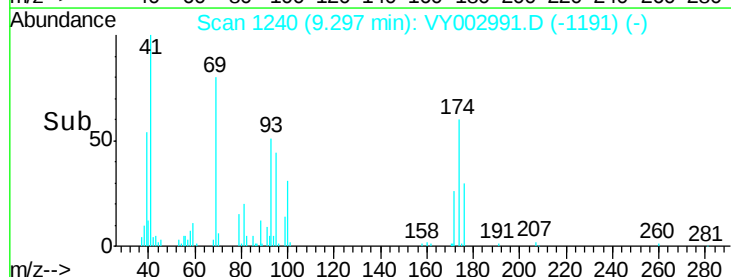
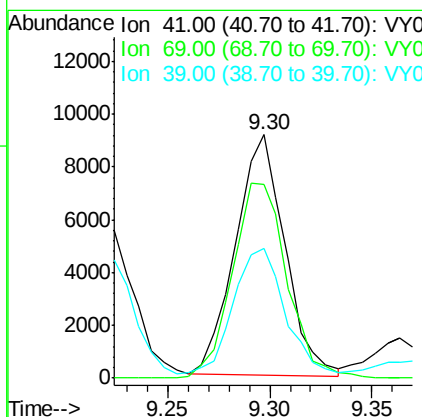
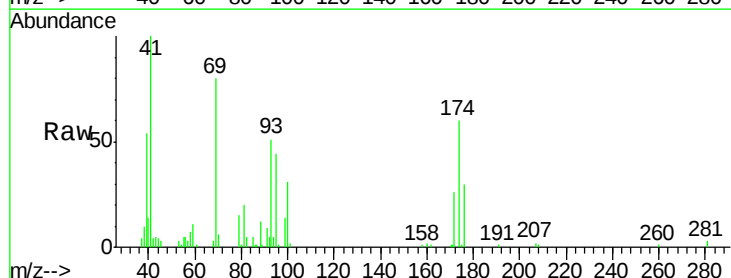
RT: 9.30 min Scan# 1240

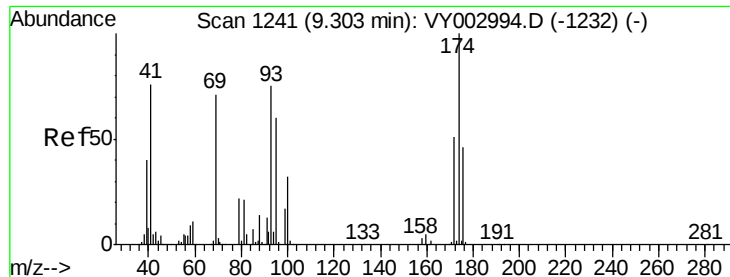
Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Tgt Ion:	41	Resp:	15330
Ion Ratio	Lower	Upper	
41	100		
69	89.6	70.2	105.2
39	58.7	45.0	67.6





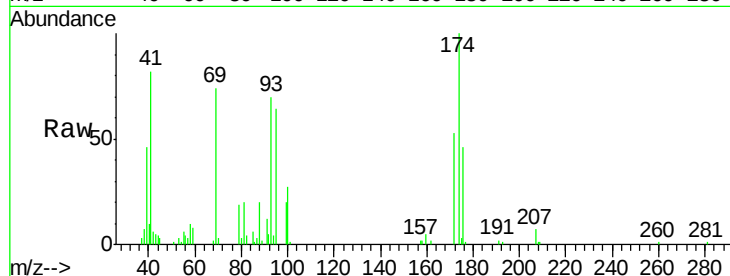
#49
1,4-Dioxane
Concen: 93.837 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

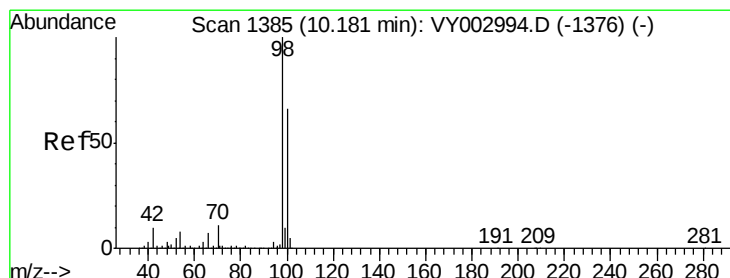
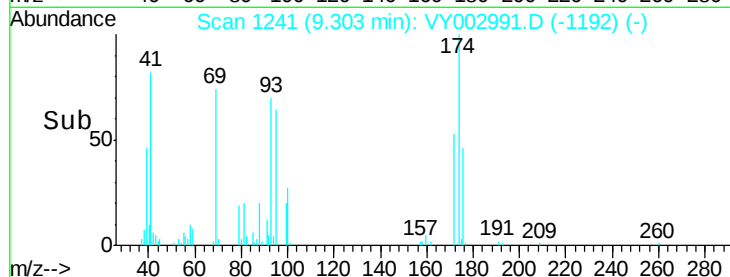
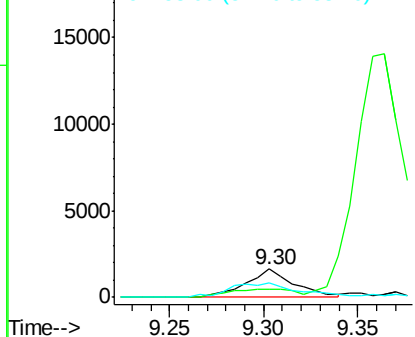
Tot Ion	88	Resp	2917
Ion	Ratio	Lower	Upper
88	100		
43	39.7	26.6	39.8
58	72.3	50.6	75.8

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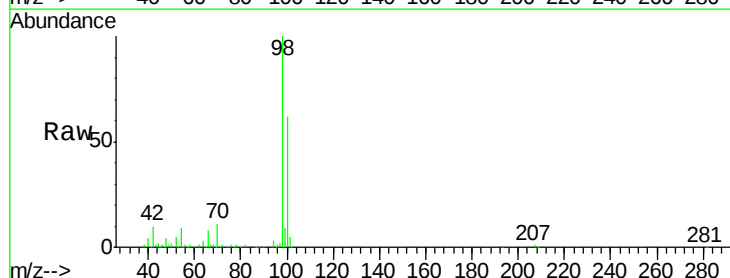


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

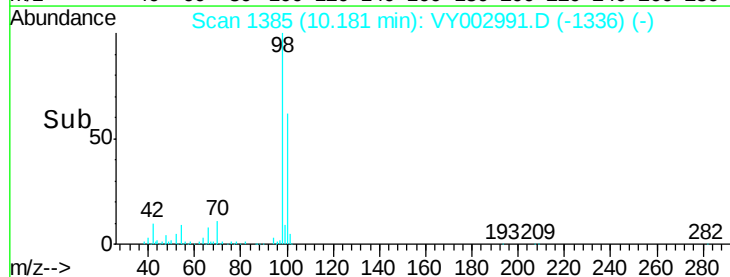
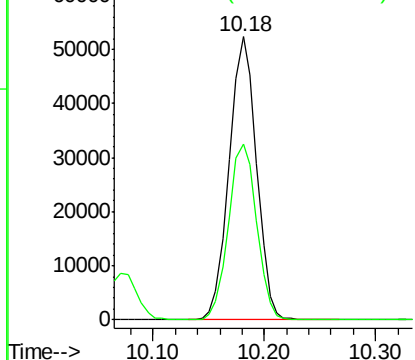


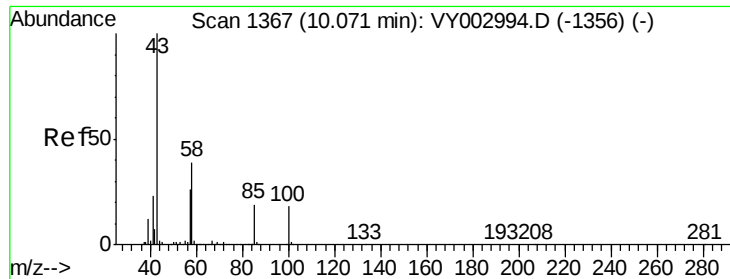
#50
Toluene-d8
Concen: 4.951 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	98	Resp	89095
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0



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





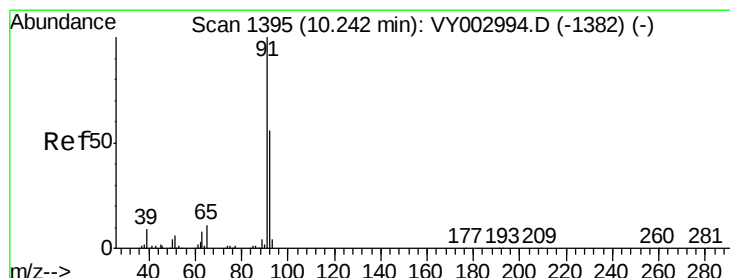
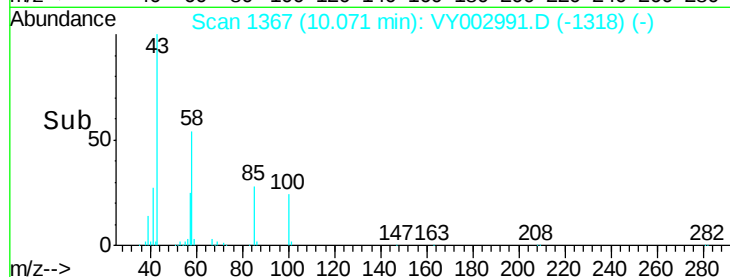
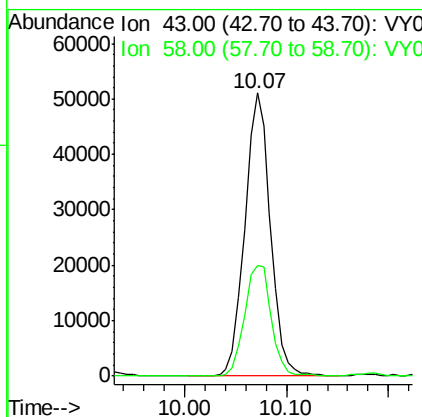
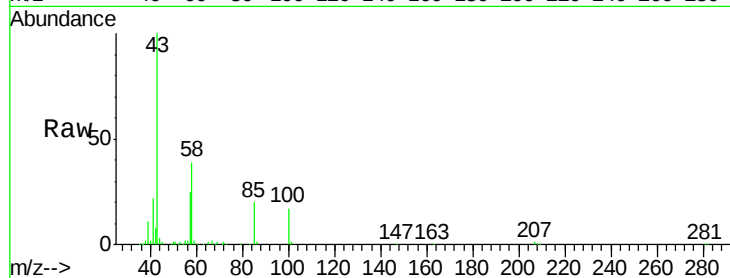
#51
4-Methyl-2-Pentanone
Concen: 24.802 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.0	31.4	47.0

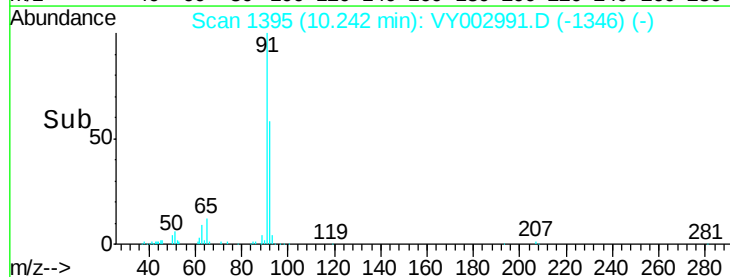
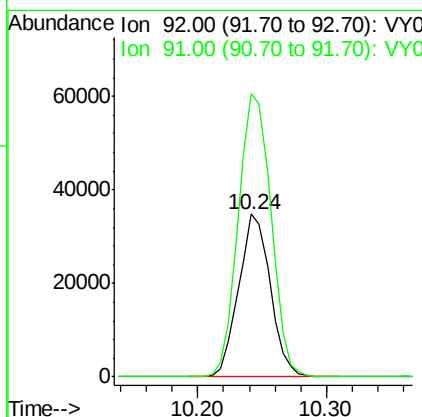
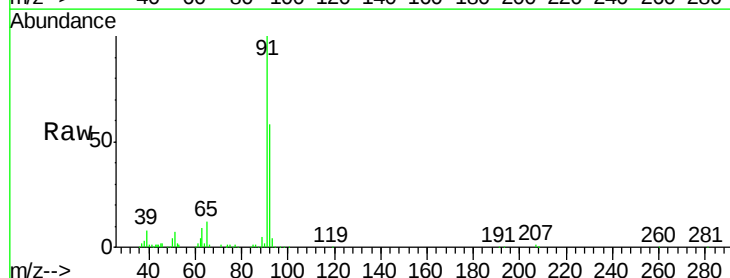
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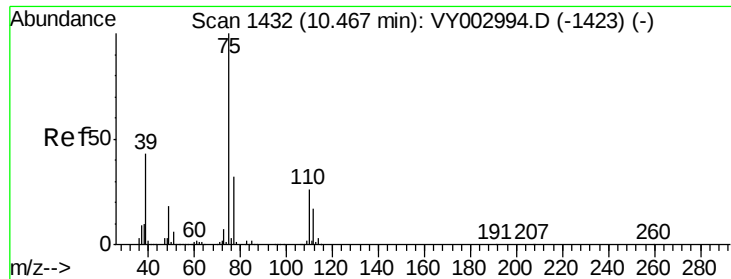
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#52
Toluene
Concen: 4.689 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
92	100		
91	180.2	140.7	211.1





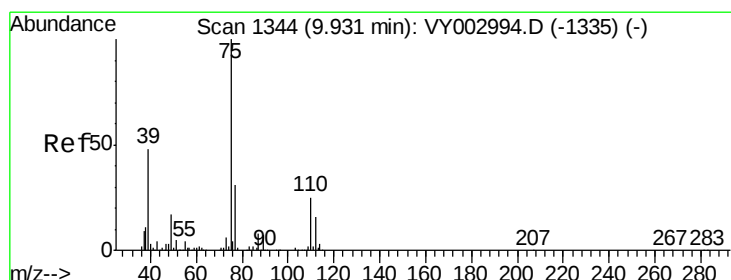
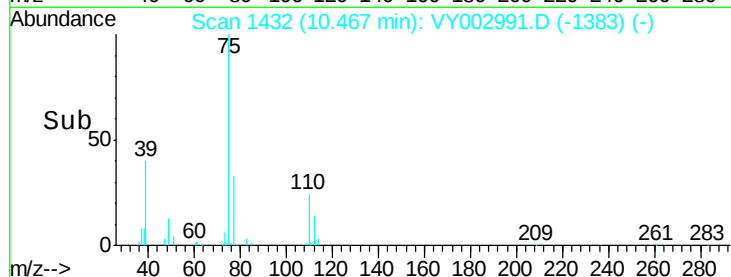
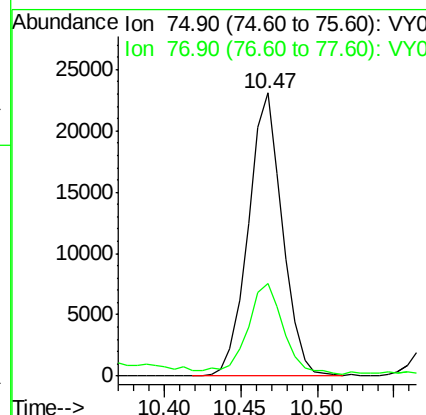
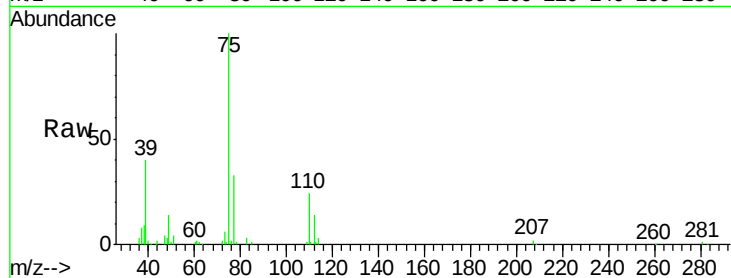
#53
t-1,3-Dichloropropene
Concen: 4.748 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2

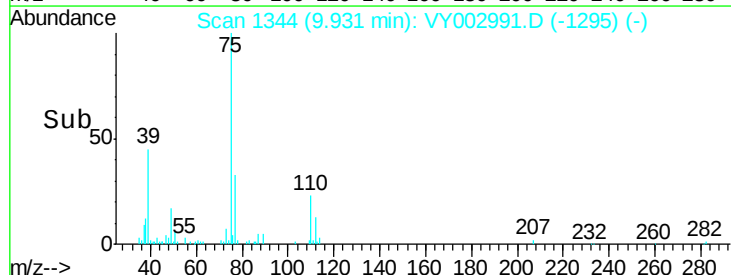
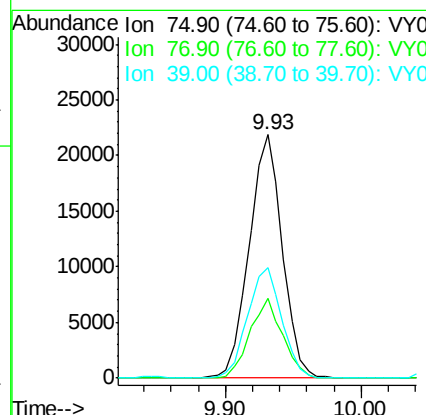
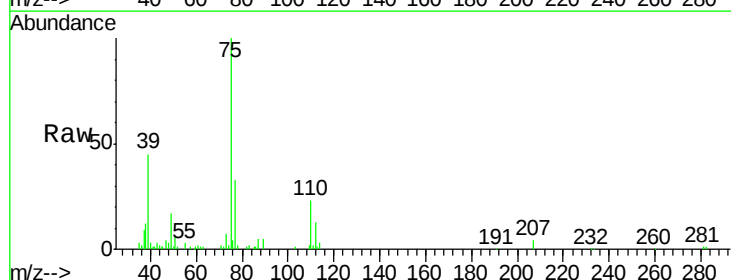
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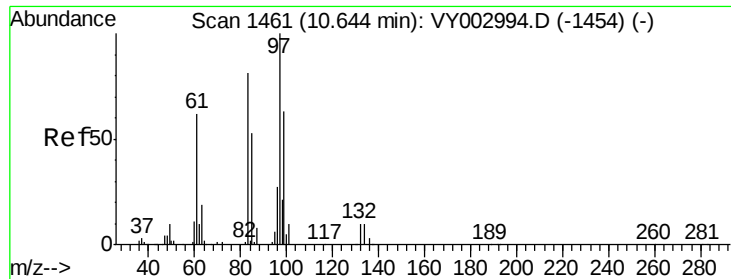
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#54
cis-1,3-Dichloropropene
Concen: 4.771 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.1	37.7
39	45.4	38.4	57.6





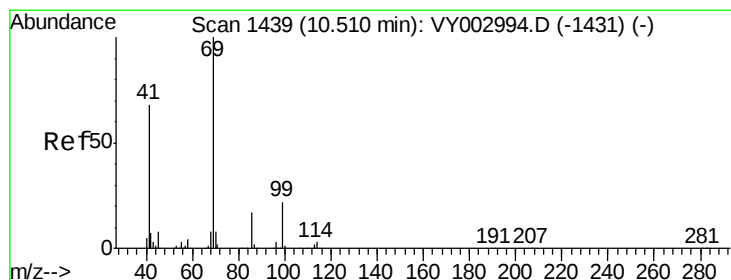
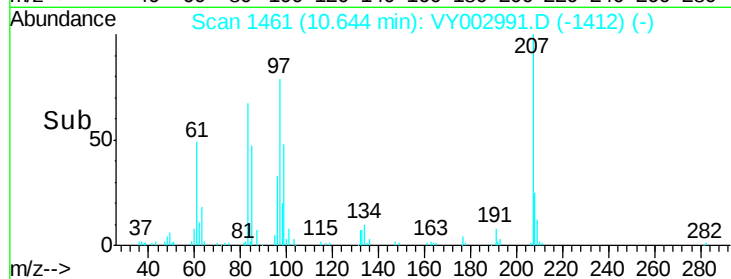
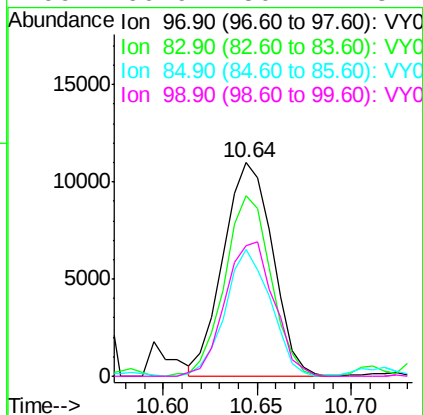
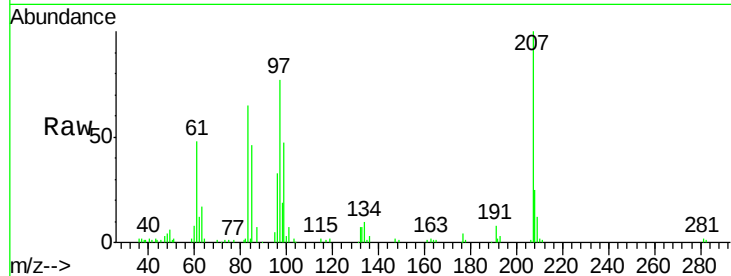
#55
 1,1,2-Trichloroethane
 Concen: 4.877 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002991.D
 Acq: 25 Jun 2020 11:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	97	Resp	19988
Ion	Ratio	Lower	Upper
97	100		
83	84.0	64.6	96.8
85	58.6	42.6	63.8
99	60.9	50.1	75.1

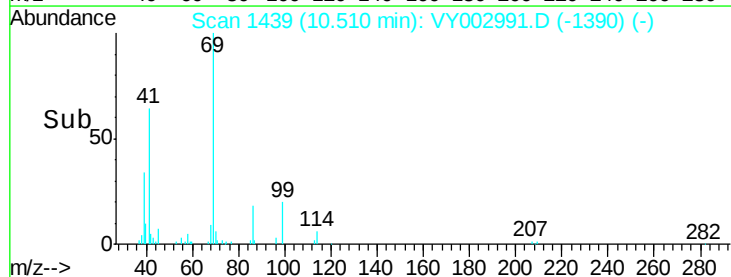
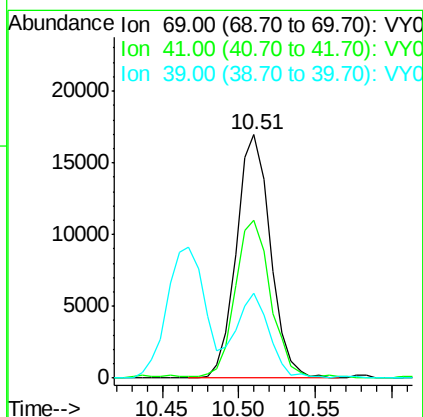
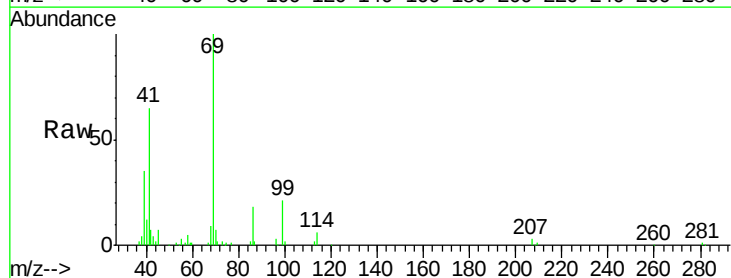
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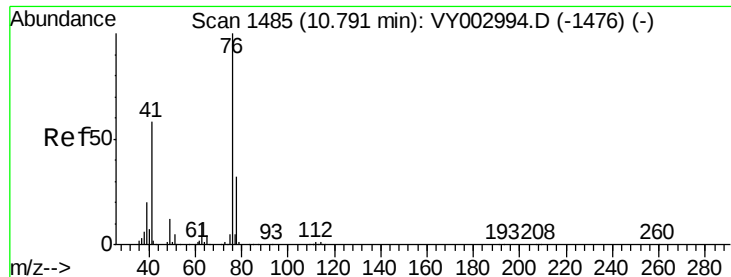
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#56
 Ethyl methacrylate
 Concen: 4.622 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002991.D
 Acq: 25 Jun 2020 11:02

Tgt Ion	69	Resp	26147
Ion	Ratio	Lower	Upper
69	100		
41	66.1	51.4	77.0
39	34.6	24.4	36.6





#57

1,3-Dichloropropane

Concen: 4.687 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 32712

Ion Ratio Lower Upper

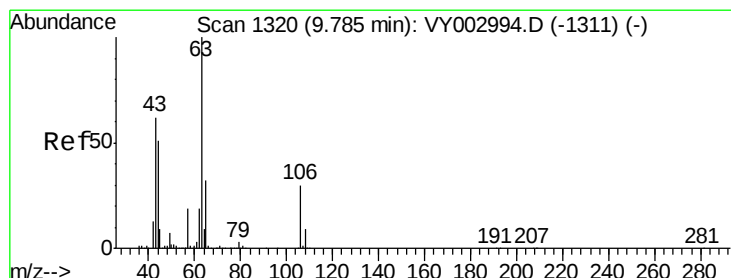
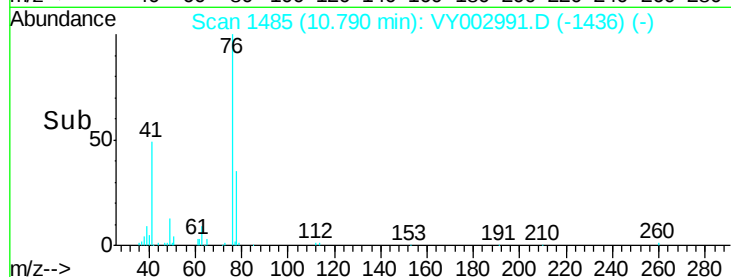
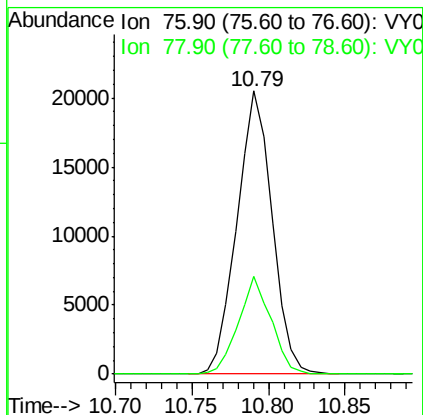
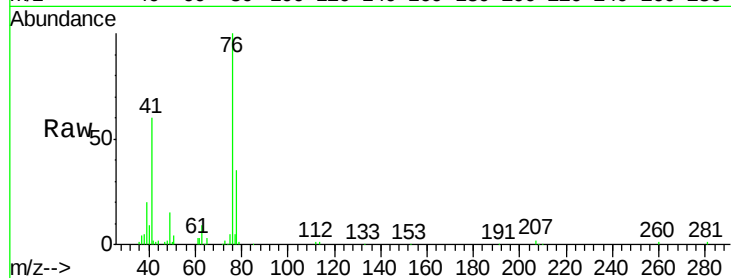
76 100

78 32.1 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 24.560 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002991.D

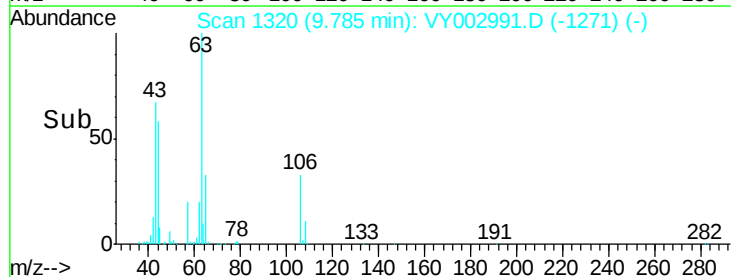
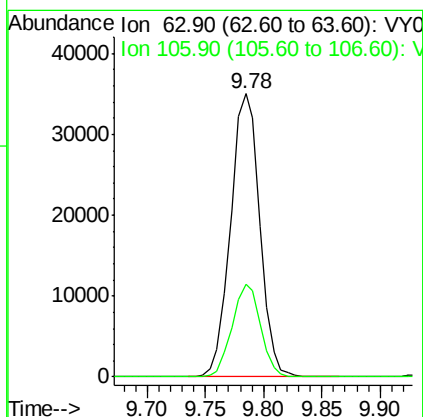
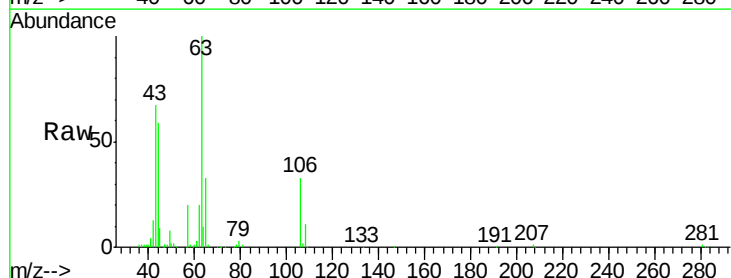
Acq: 25 Jun 2020 11:02

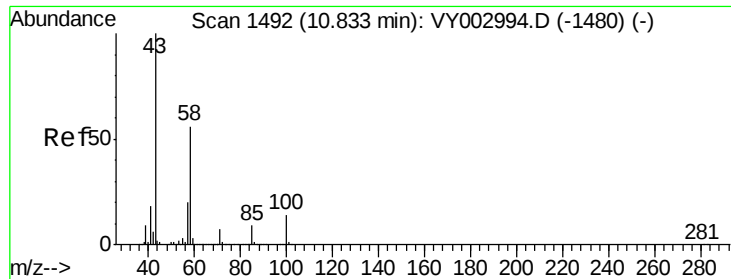
Tgt Ion: 63 Resp: 61048

Ion Ratio Lower Upper

63 100

106 31.7 25.3 37.9





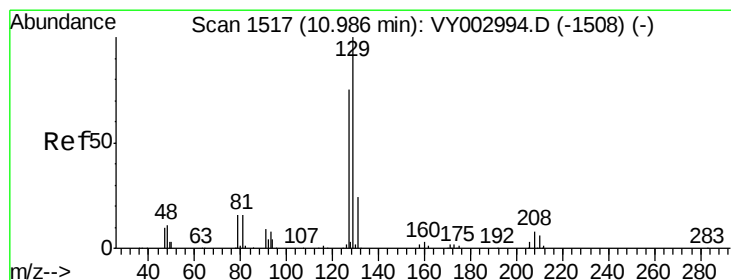
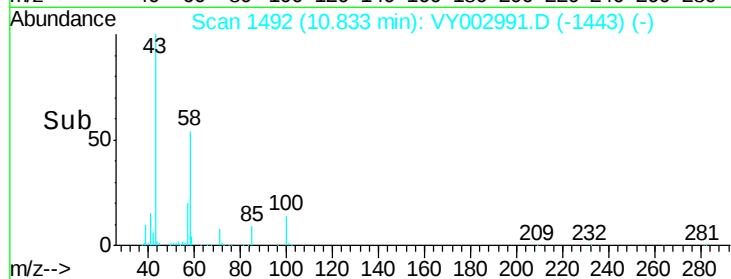
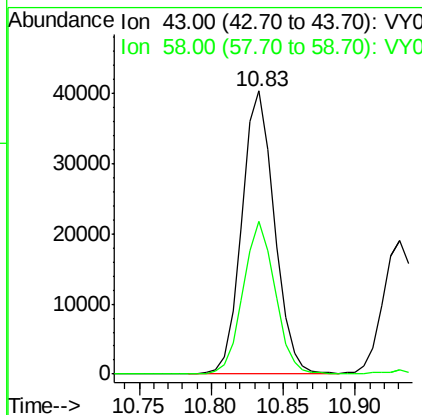
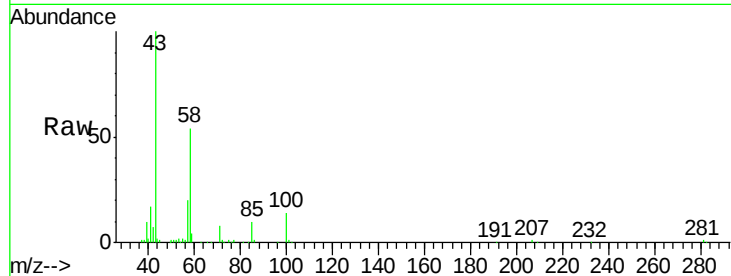
#59
2-Hexanone
Concen: 24.254 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 63367
Ion Ratio Lower Upper
43 100
58 52.8 27.4 82.0

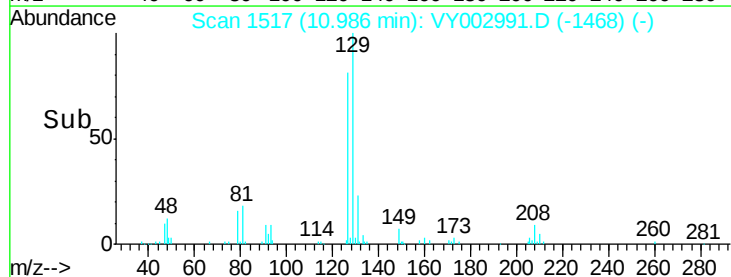
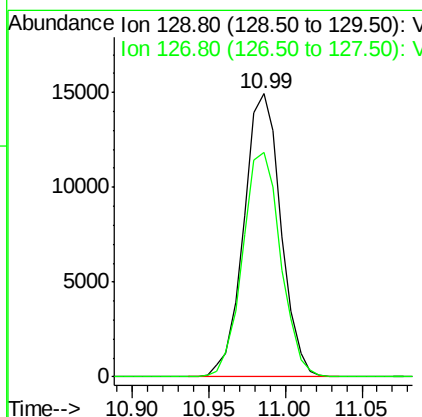
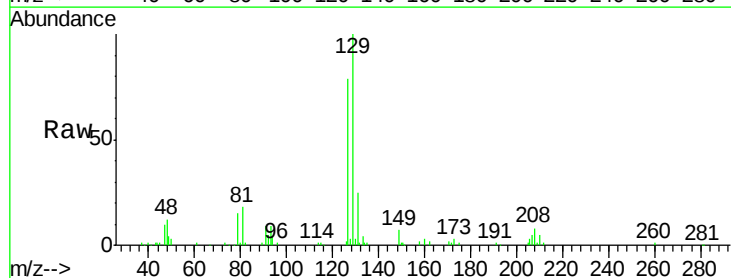
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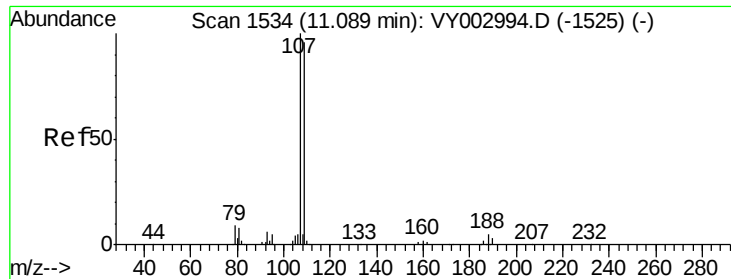
MMDadoda
6/26/2020 11:22:09 AM



#60
Dibromochloromethane
Concen: 4.448 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion: 129 Resp: 25171
Ion Ratio Lower Upper
129 100
127 81.6 38.3 114.8





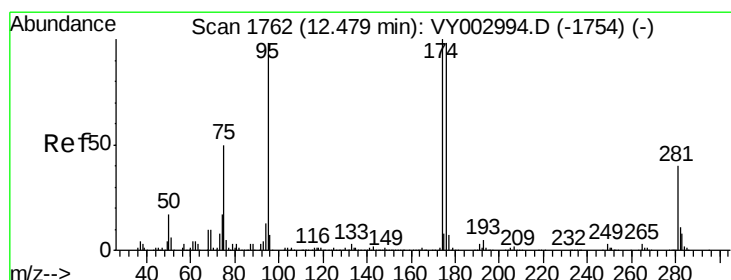
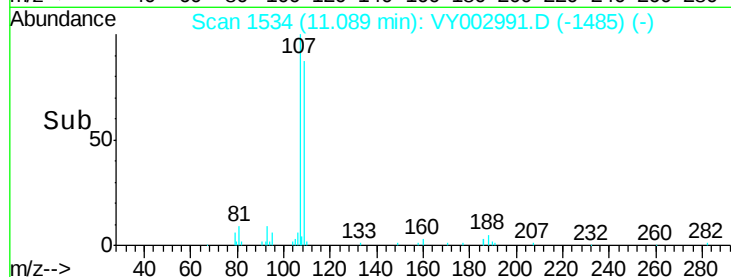
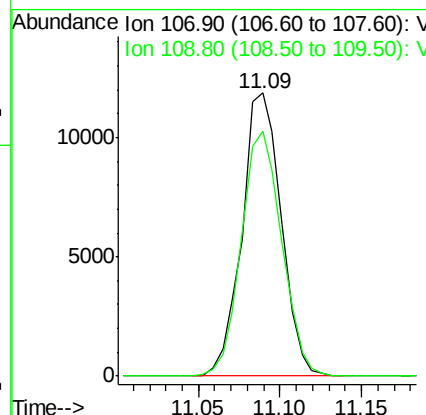
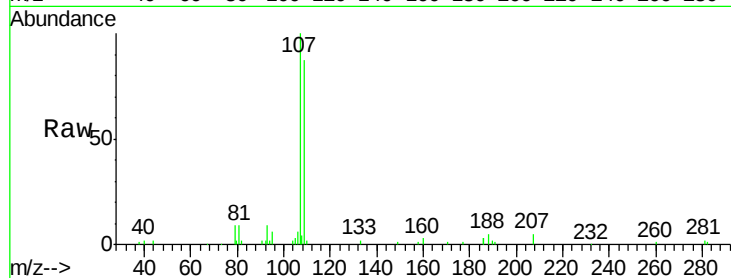
#61
 1,2-Dibromoethane
 Concen: 4.824 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002991.D
 Acq: 25 Jun 2020 11:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	89.3	76.9	115.3

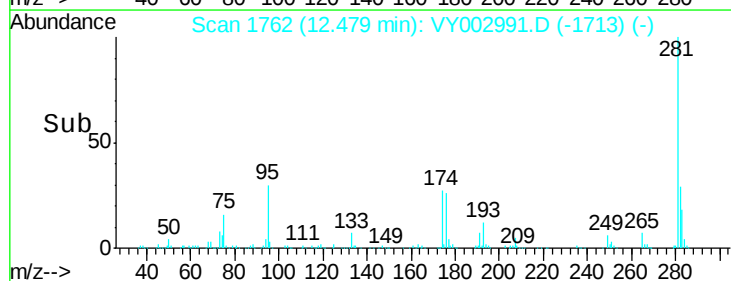
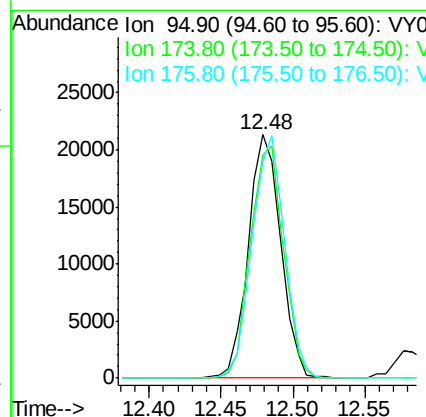
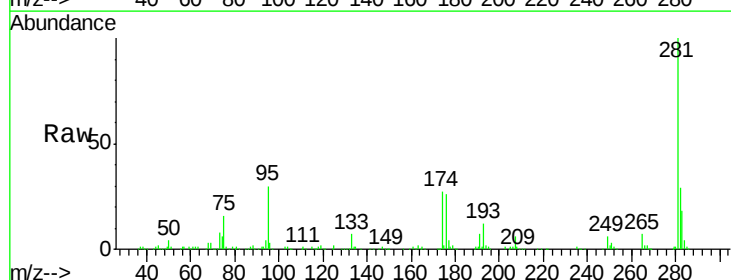
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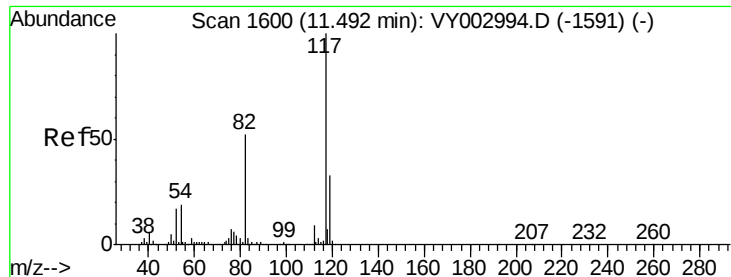
MMDadoda
 6/26/2020 11:22:09 AM



#62
 4-Bromofluorobenzene
 Concen: 4.939 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002991.D
 Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	209.2
176	99.8	0.0	206.2





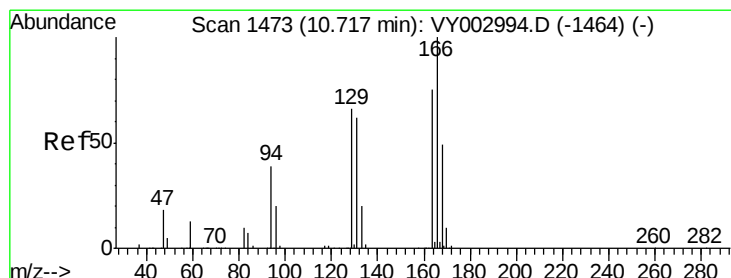
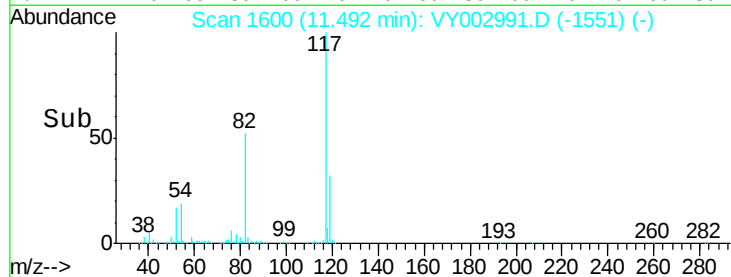
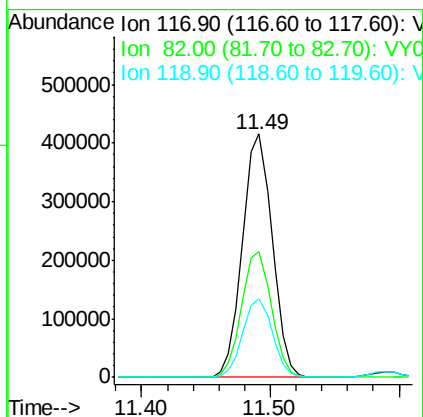
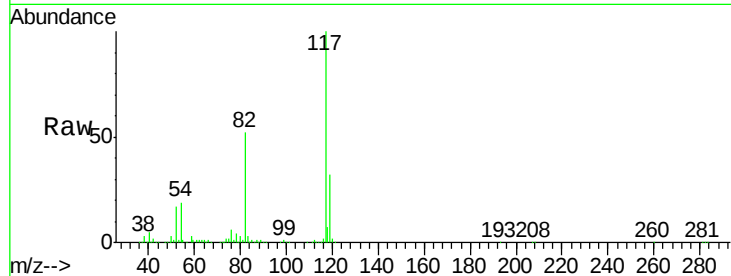
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	666019		
82	51.5	41.8	62.8	
119	32.4	26.7	40.1	

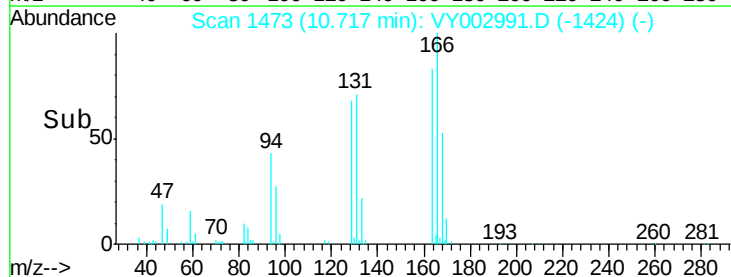
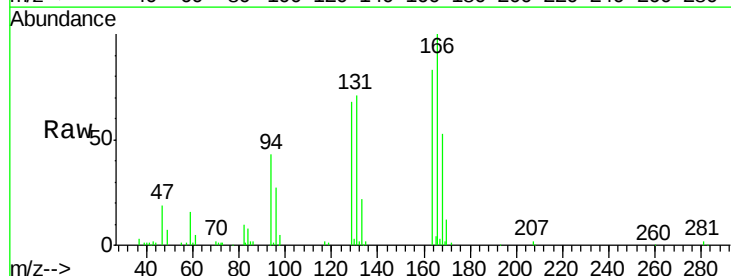
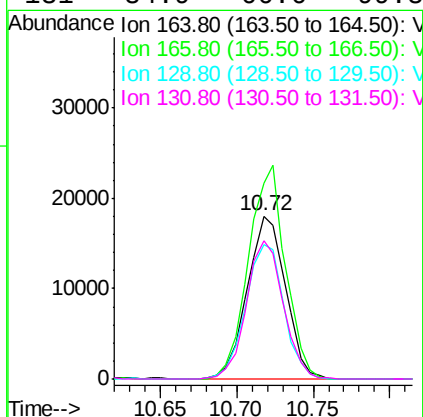
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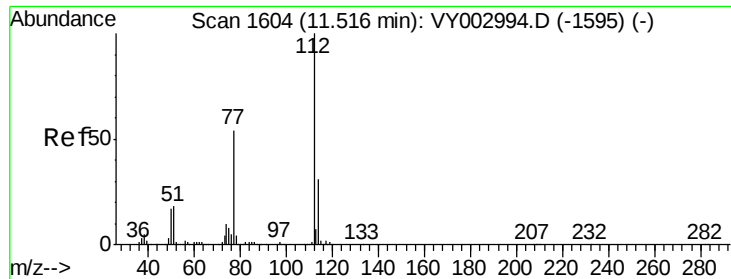
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#64
Tetrachloroethene
Concen: 5.086 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	31453		
166	120.2	106.8	160.2	
129	82.0	69.9	104.9	
131	84.9	66.6	99.8	





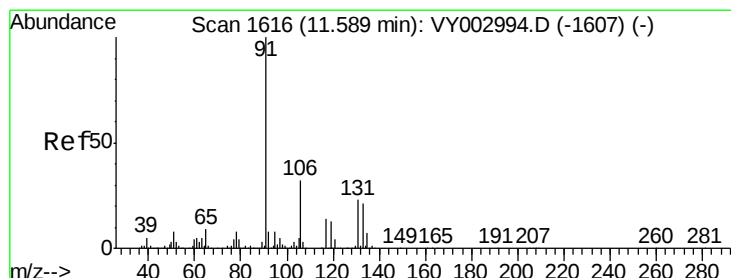
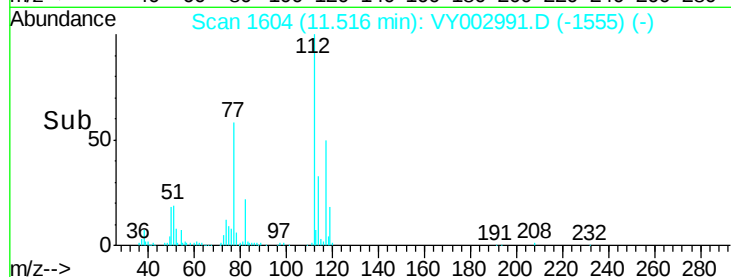
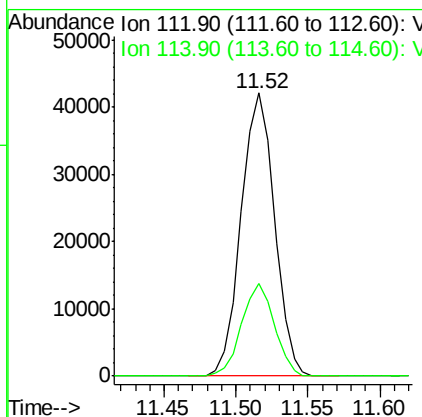
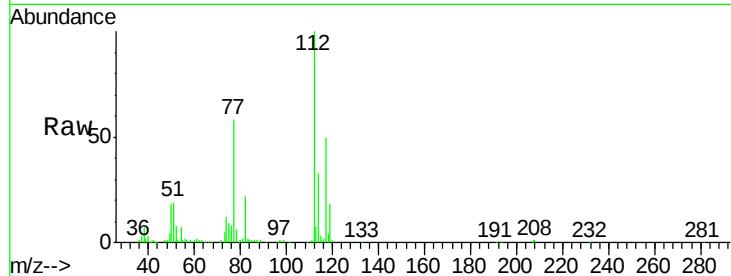
#65
Chlorobenzene
Concen: 5.126 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 67862
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.4

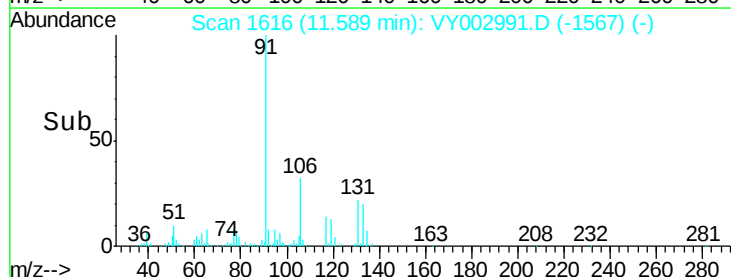
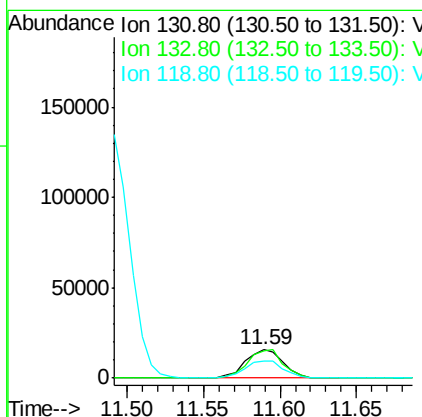
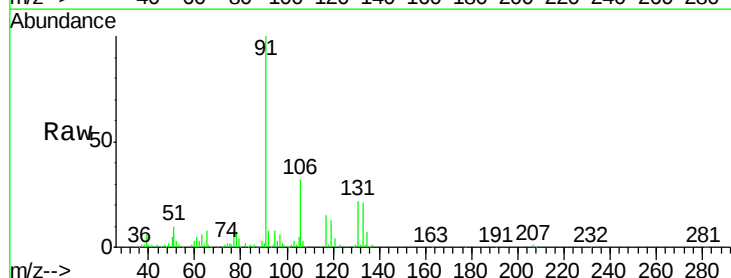
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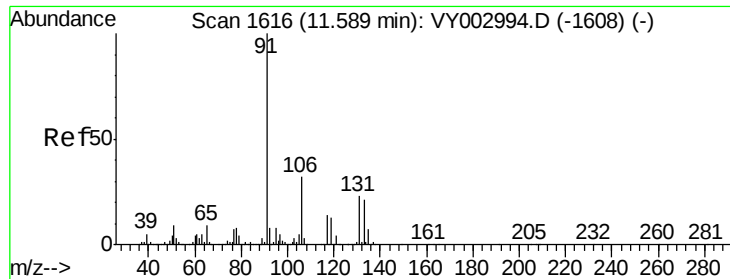
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.993 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion:131 Resp: 26737
Ion Ratio Lower Upper
131 100
133 95.5 48.2 144.6
119 62.9 30.1 90.5





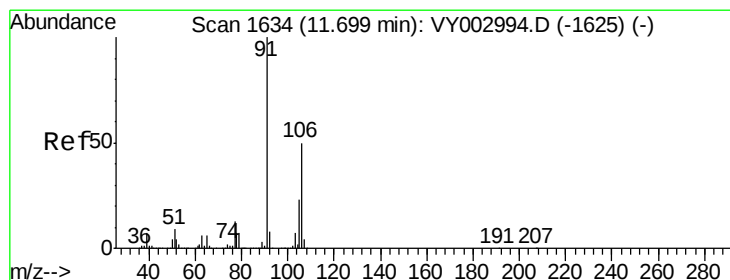
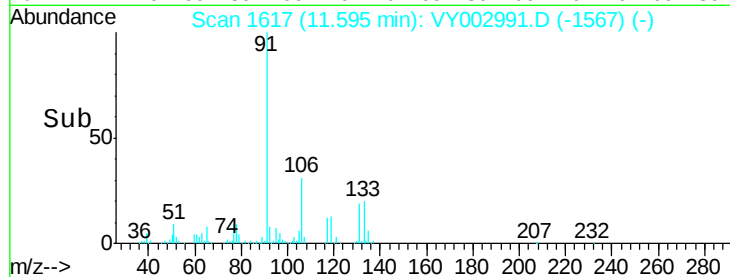
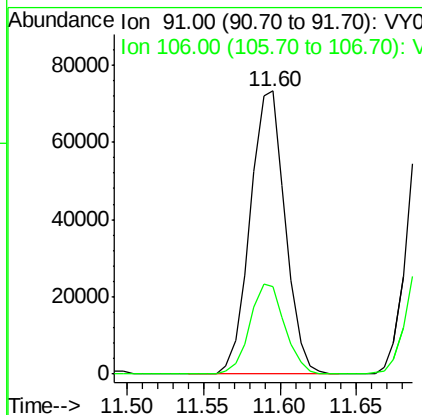
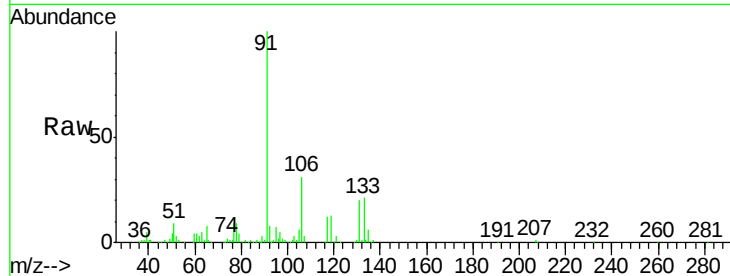
#67
Ethyl Benzene
Concen: 5.026 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 116433
Ion Ratio Lower Upper
91 100
106 30.7 25.9 38.9

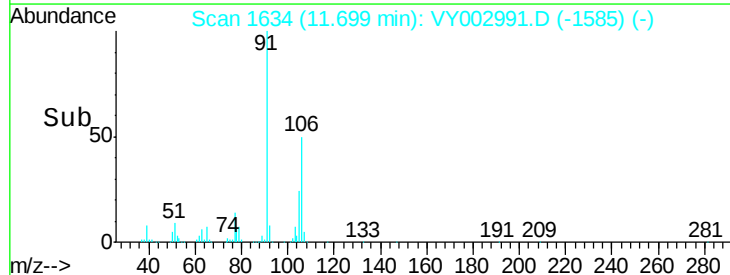
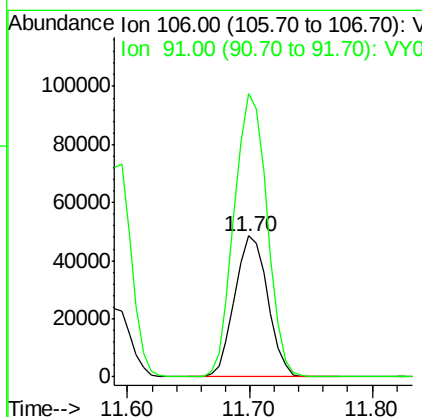
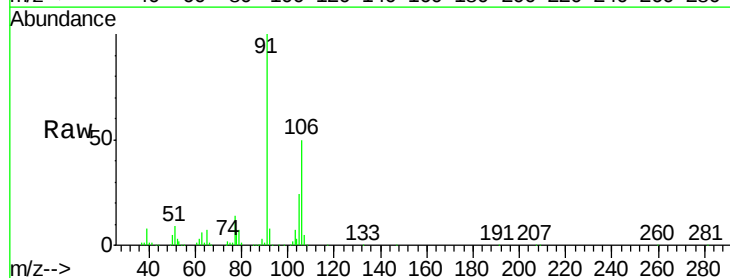
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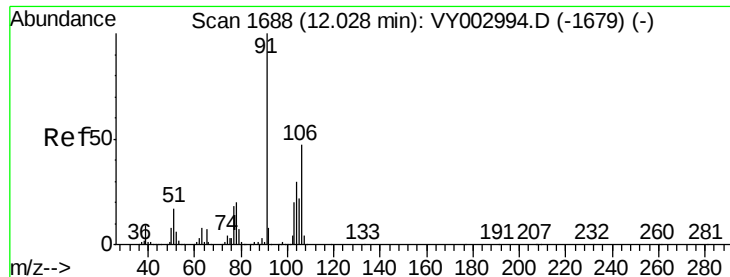
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#68
m/p-Xylenes
Concen: 10.219 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion: 106 Resp: 91218
Ion Ratio Lower Upper
106 100
91 199.8 160.0 240.0





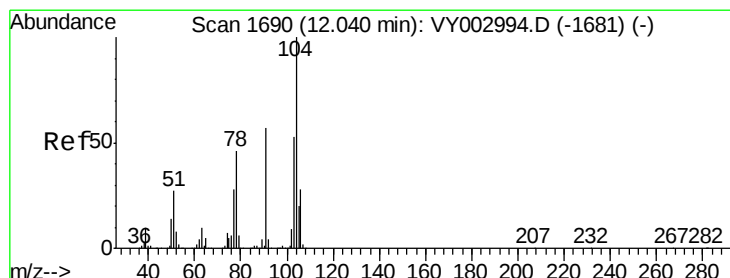
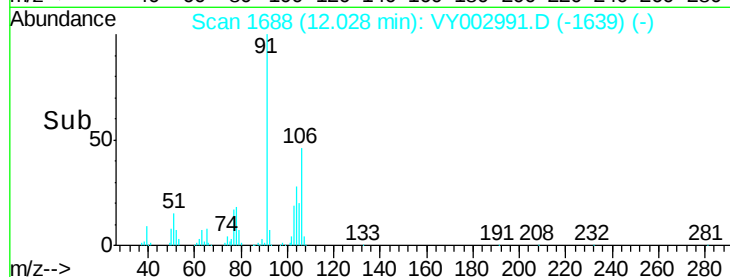
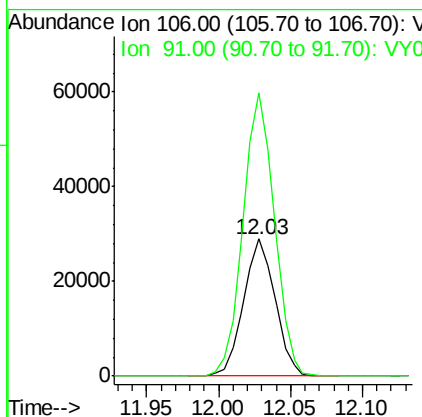
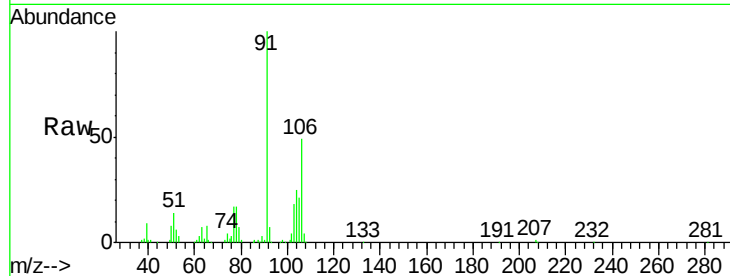
#69
o-Xylene
Concen: 5.140 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	206.4	105.8	317.3	

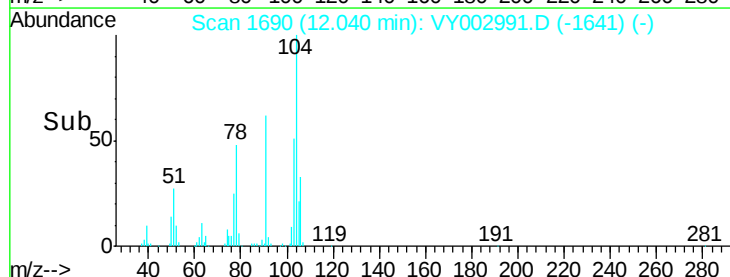
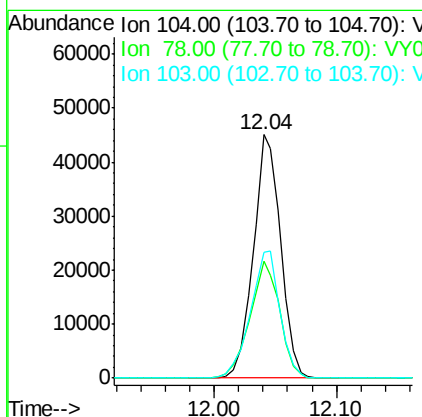
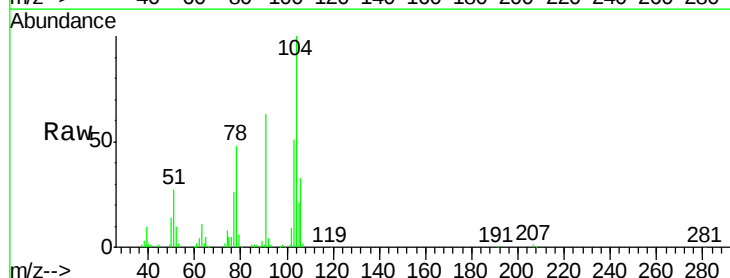
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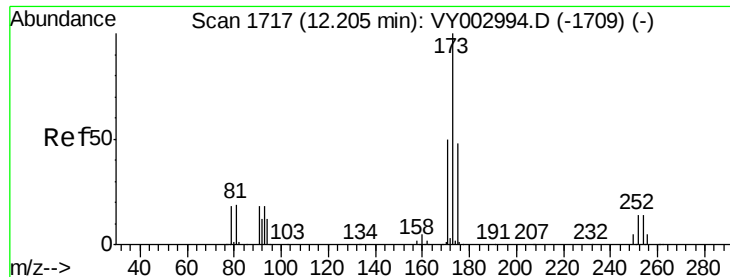
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#70
Styrene
Concen: 4.805 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	52.3	40.0	60.0	
103	56.7	44.3	66.5	





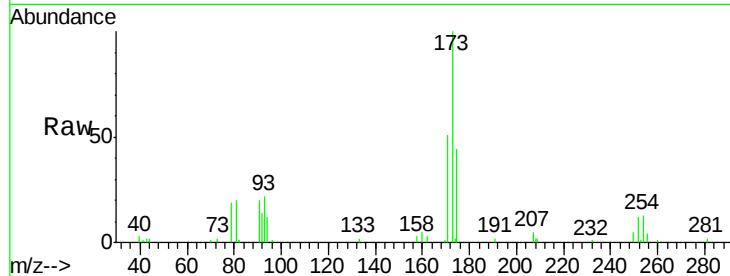
#71
Bromoform
Concen: 4.977 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

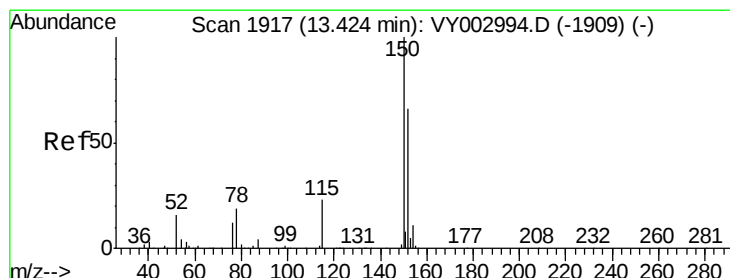
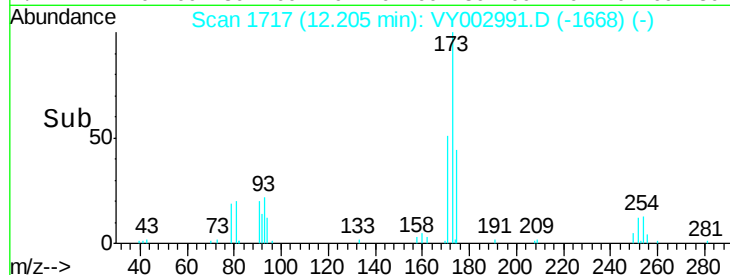
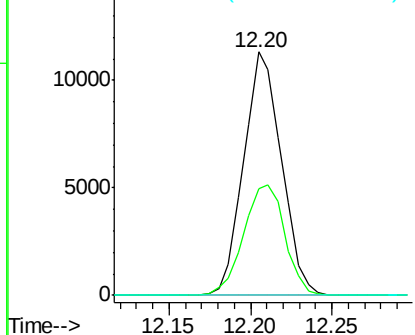
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.1	72.2
254	0.0	0.2	0.4

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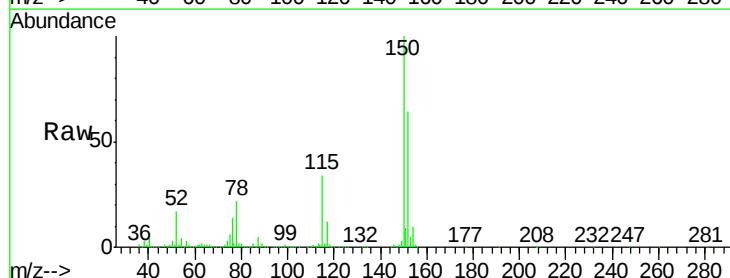


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

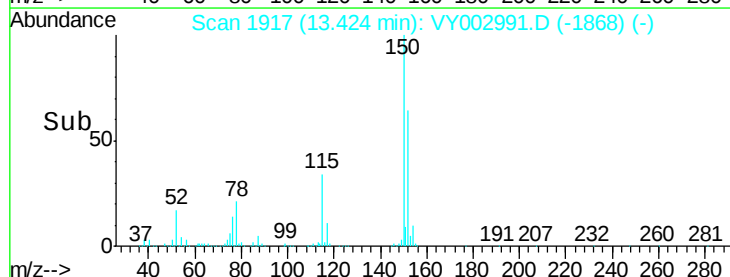
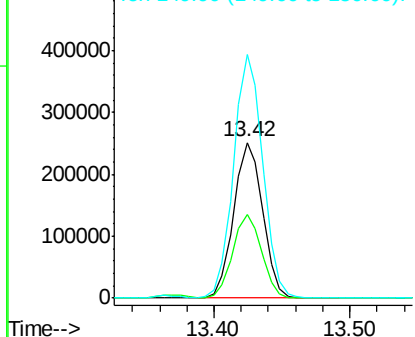


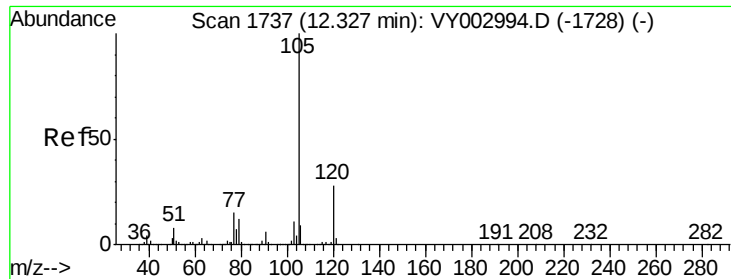
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.3	78.8
150	157.5	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: 4.697 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 113910

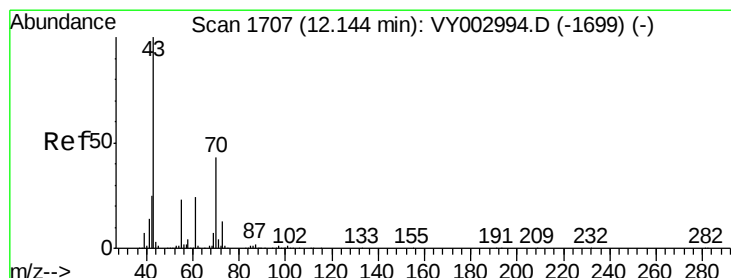
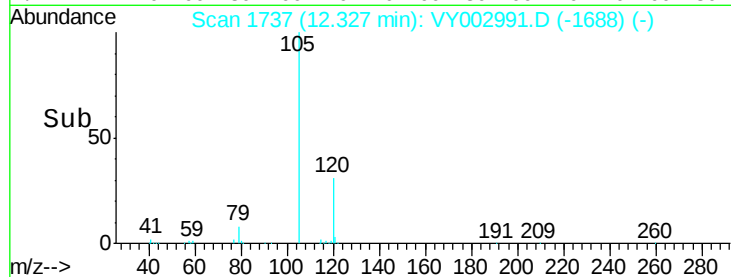
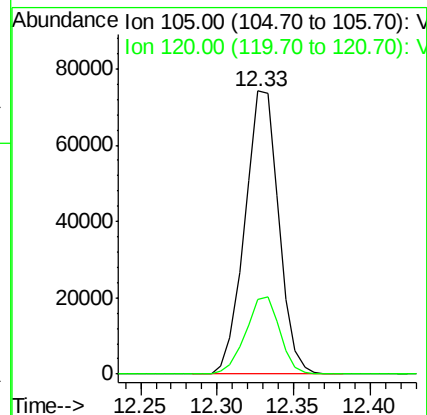
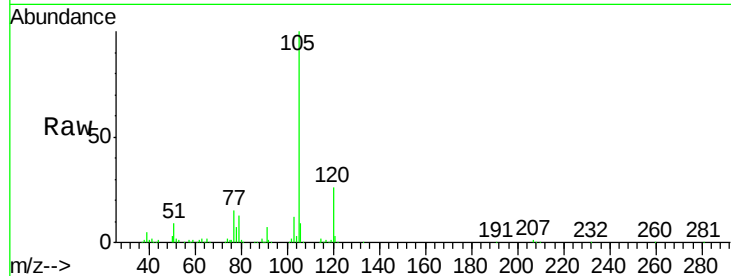
Ion Ratio Lower Upper

105 100

120 27.3 13.8 41.3

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#74

N-ethyl acetate

Concen: 4.668 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Tgt Ion: 43 Resp: 30587

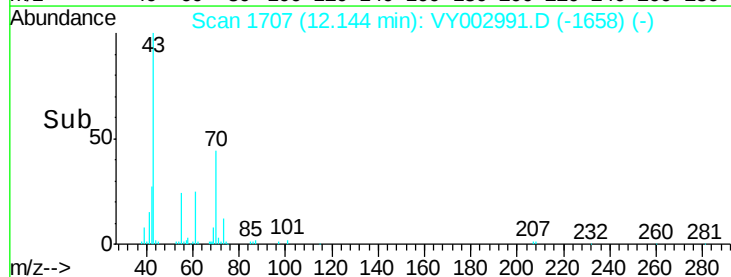
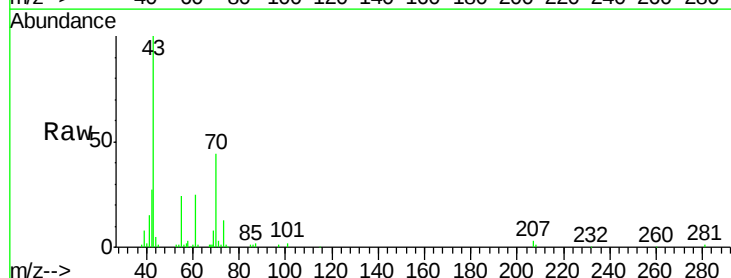
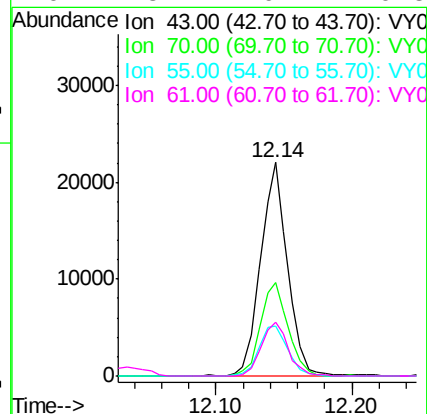
Ion Ratio Lower Upper

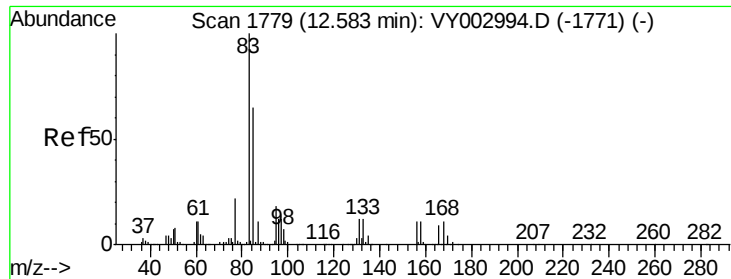
43 100

70 44.7 34.4 51.6

55 25.0 18.8 28.2

61 25.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 4.853 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

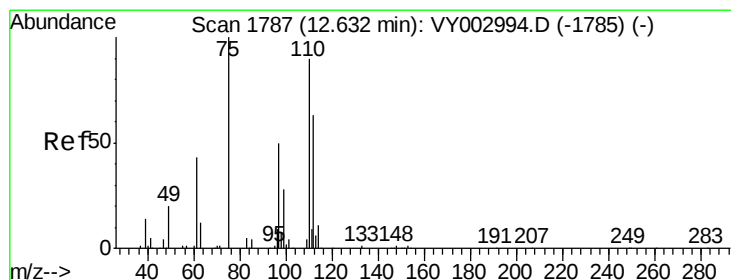
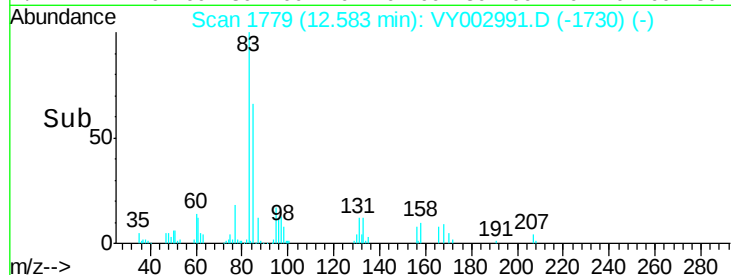
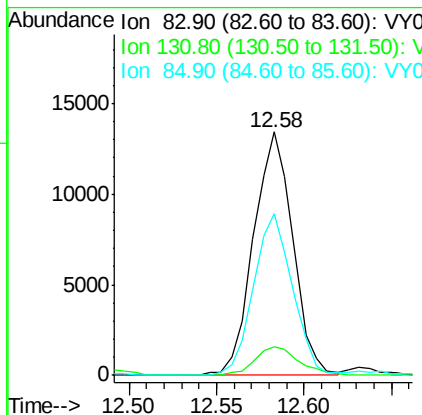
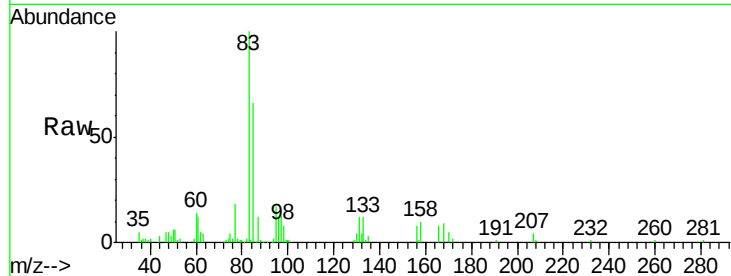
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	20917
Ion Ratio	Lower	Upper	
83	100		
131	13.3	6.3	18.8
85	65.9	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 2.625 ug/l m

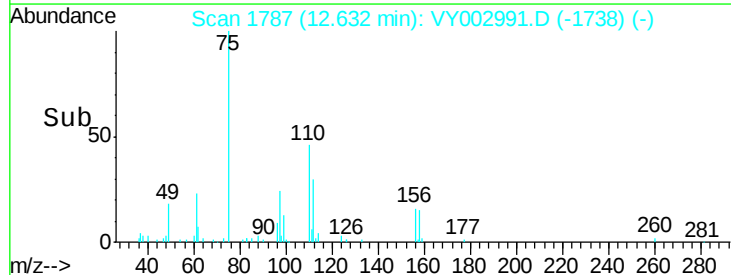
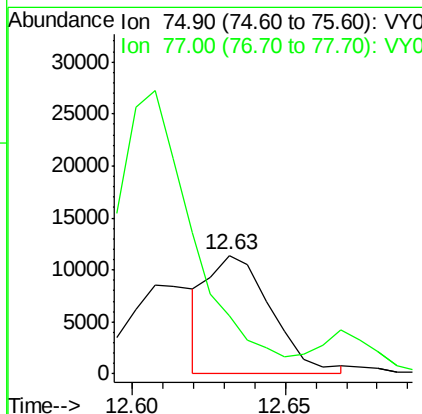
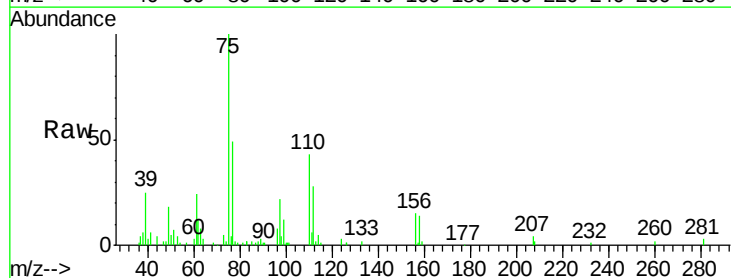
RT: 12.63 min Scan# 1787

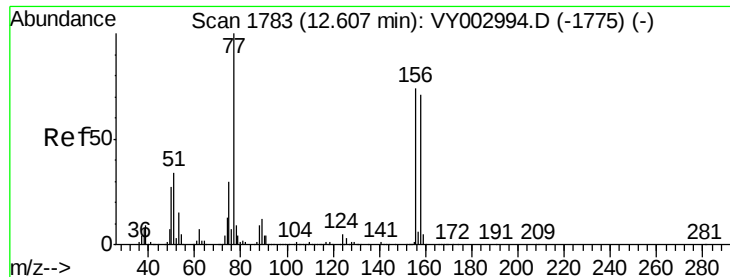
Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Tgt Ion:	75	Resp:	16516
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 4.790 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 32678

Ion Ratio Lower Upper

156 100

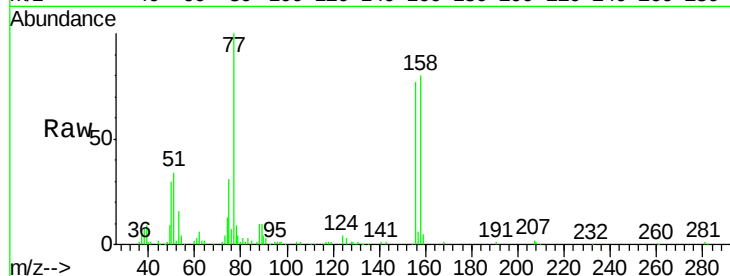
77 148.8 77.3 231.9

158 97.2 48.9 146.8

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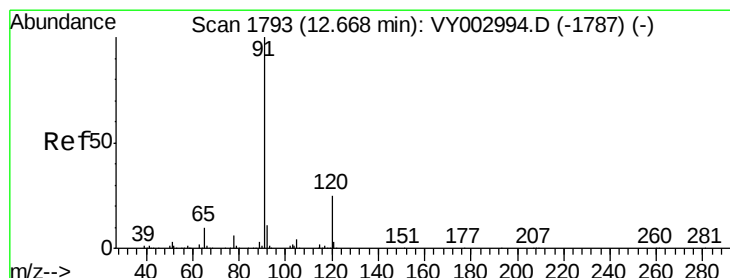
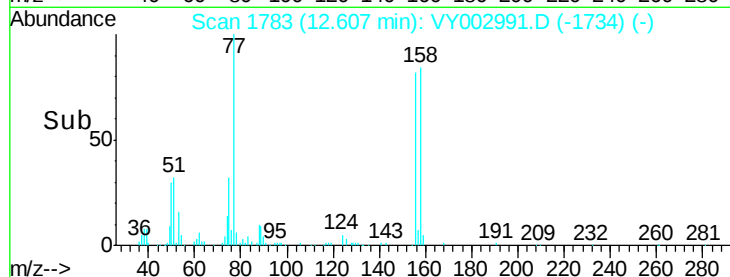
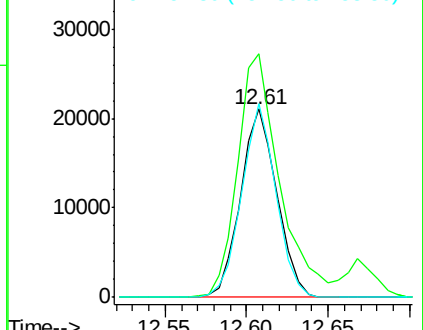
6/26/2020 11:22:09 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.826 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002991.D

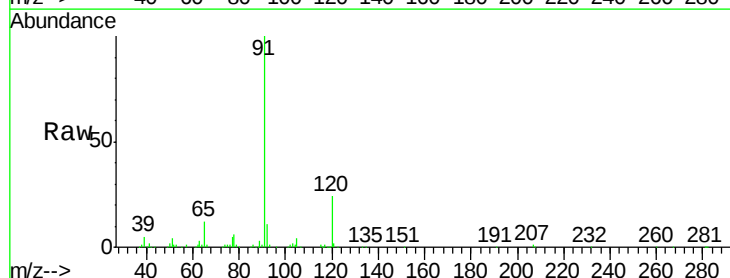
Acq: 25 Jun 2020 11:02

Tgt Ion: 91 Resp: 135026

Ion Ratio Lower Upper

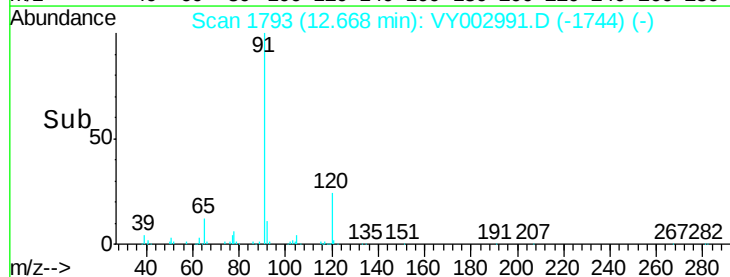
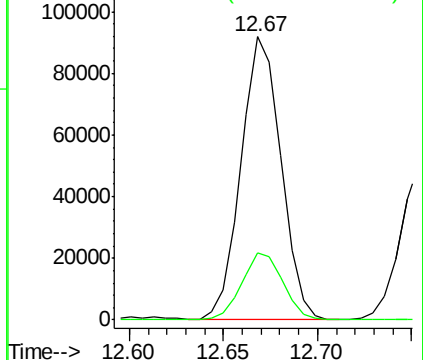
91 100

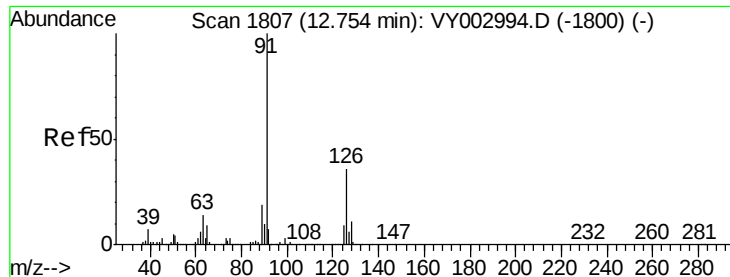
120 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.856 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 77464

Ion Ratio Lower Upper

91 100

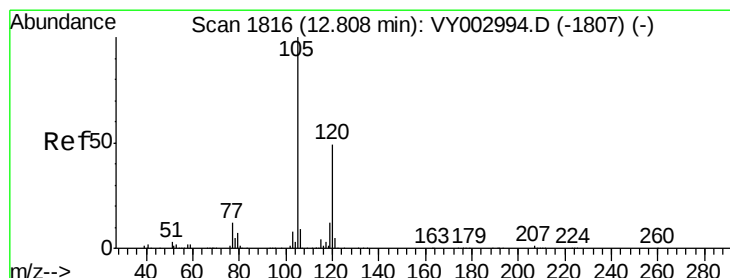
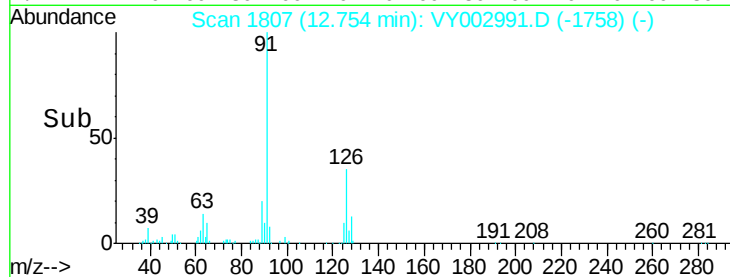
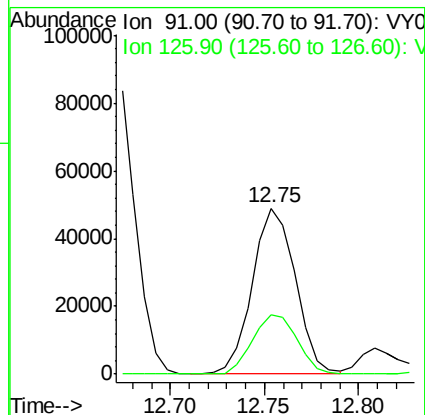
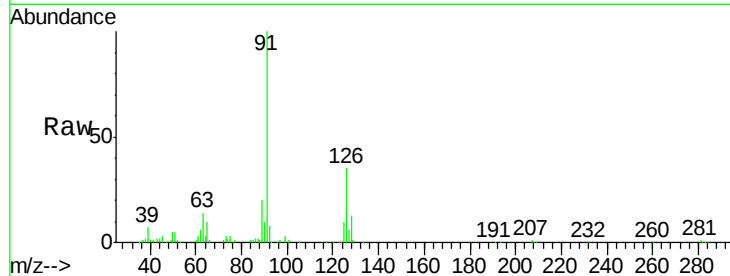
126 37.1 18.4 55.0

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#80

1,3,5-Trimethylbenzene

Concen: 4.789 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY002991.D

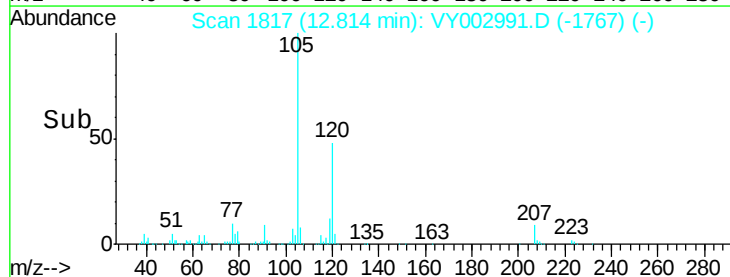
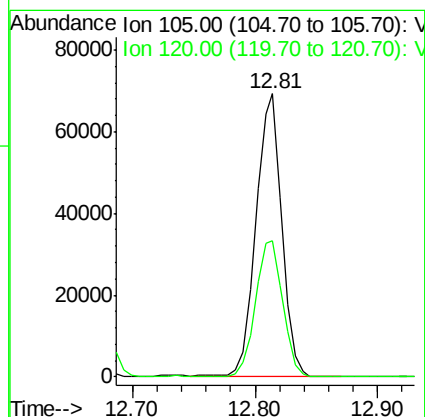
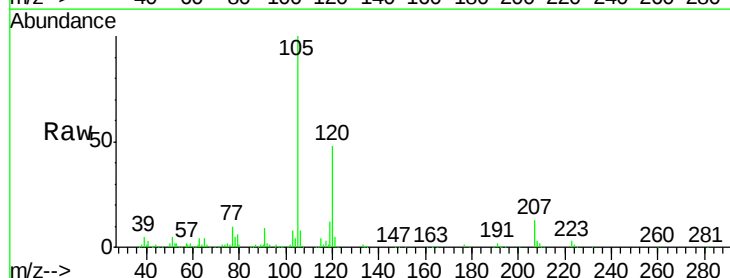
Acq: 25 Jun 2020 11:02

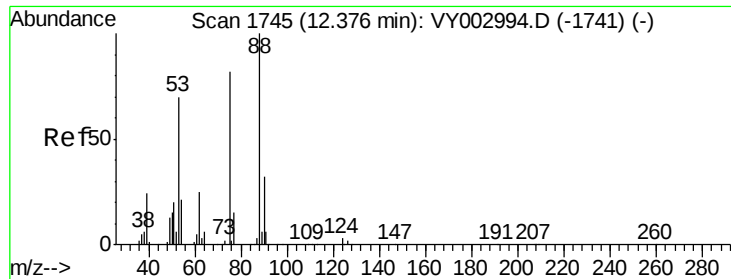
Tgt Ion: 105 Resp: 102447

Ion Ratio Lower Upper

105 100

120 50.6 24.6 73.8





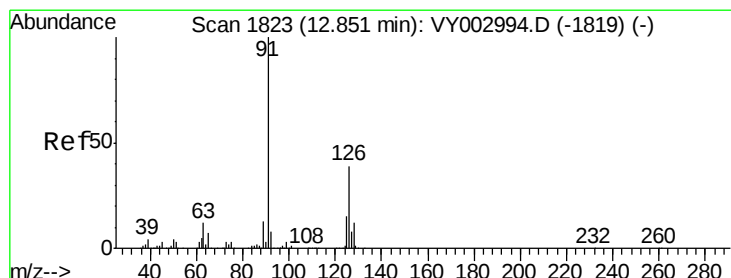
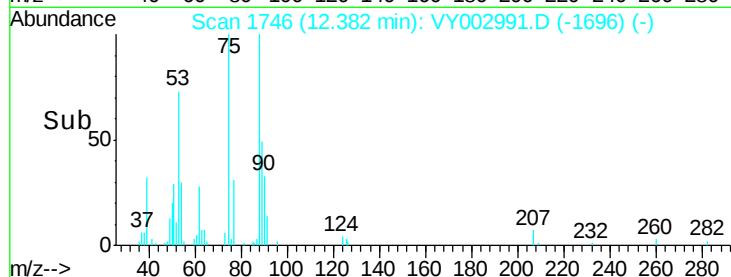
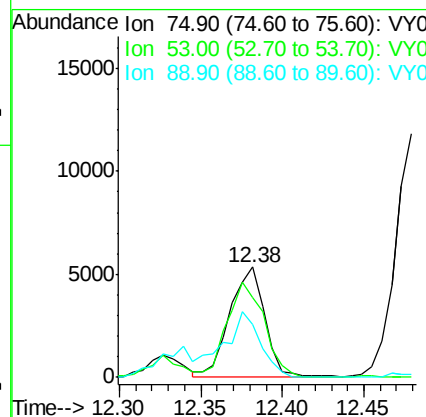
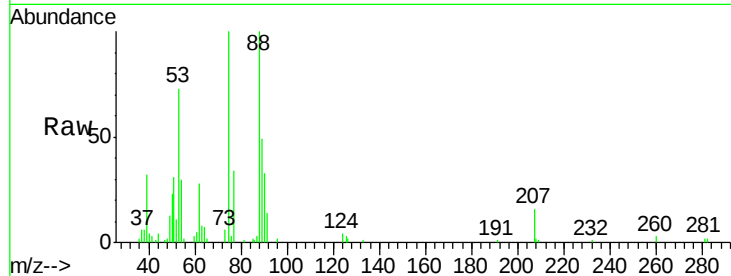
#81
trans-1,4-Dichloro-2-butene
Concen: 4.725 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.8	72.2	108.4
89	57.3	35.0	52.4#

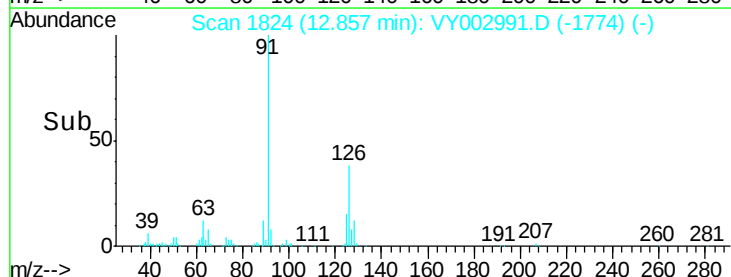
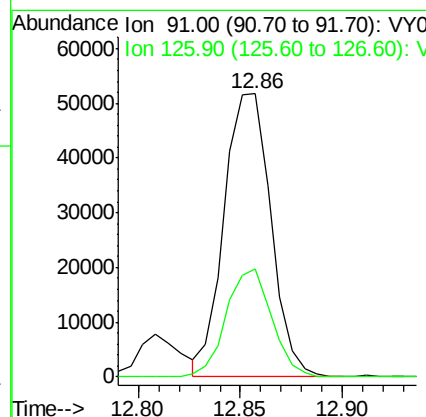
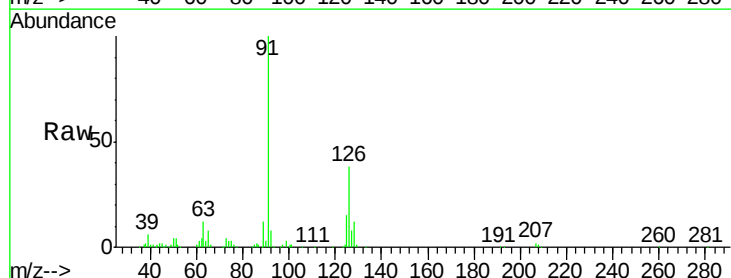
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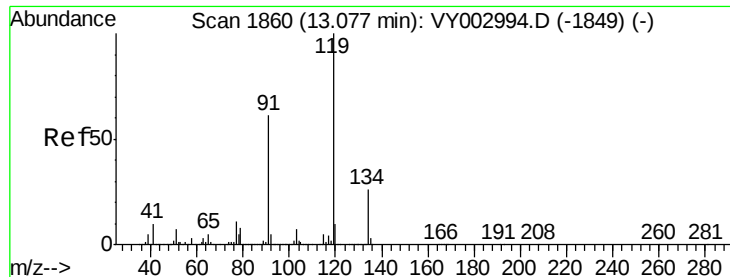
MMDadoda
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#82
4-Chlorotoluene
Concen: 4.799 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.2	18.4	55.2





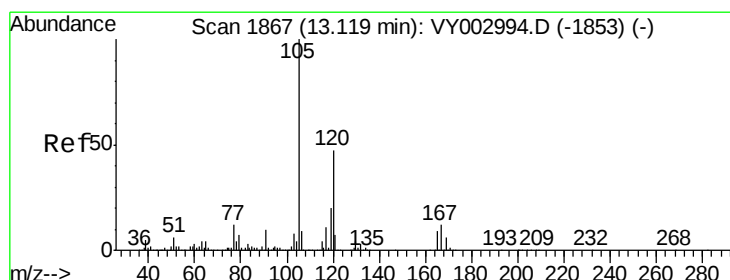
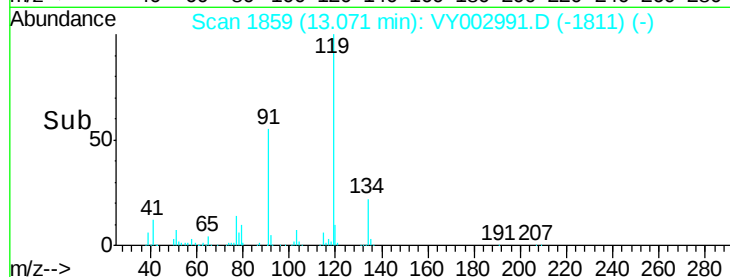
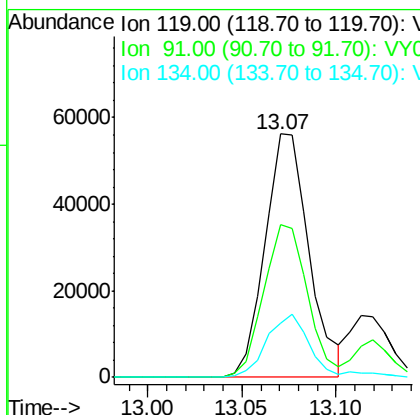
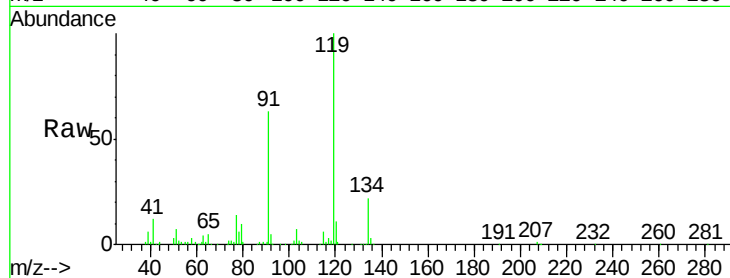
#83
tert-Butylbenzene
Concen: 4.851 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	31.4	94.2
134	26.2	13.4	40.1

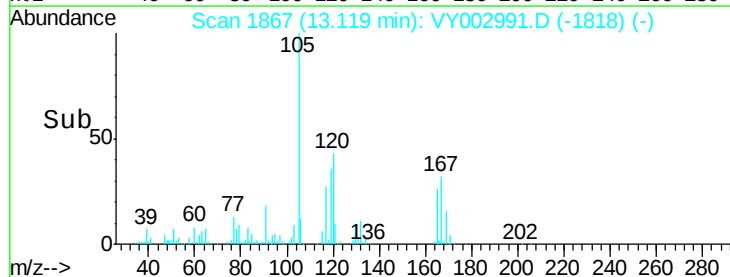
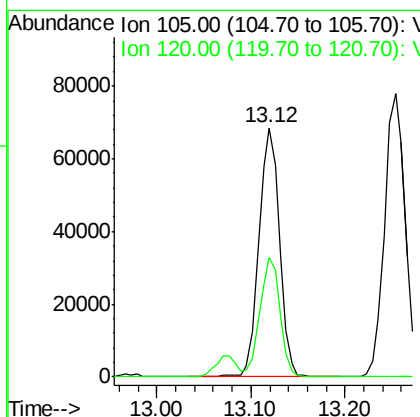
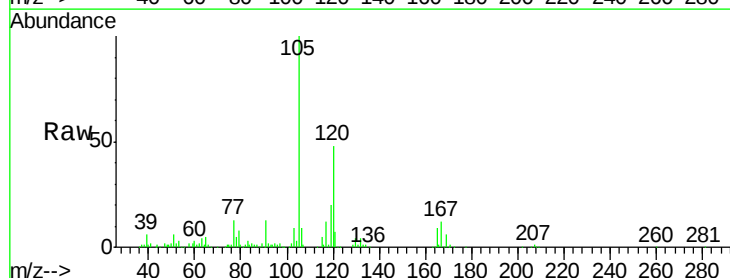
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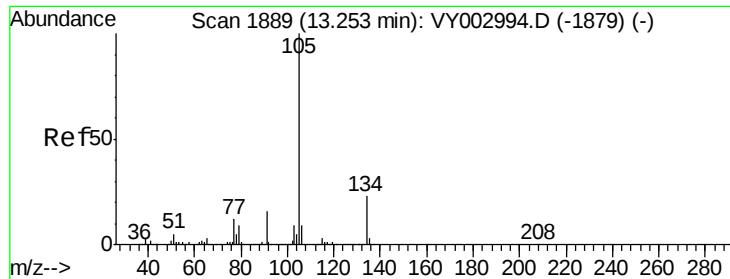
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 4.993 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.1	69.2





#85

sec-Butylbenzene

Concen: 4.940 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 117663

Ion Ratio Lower Upper

105 100

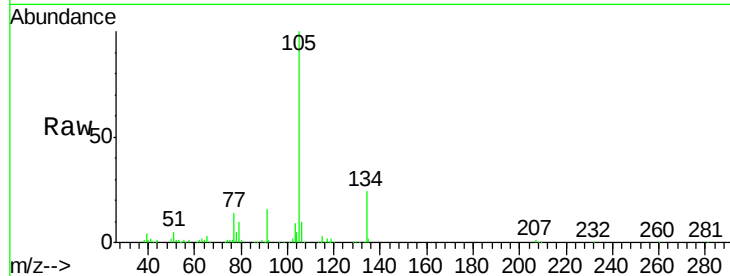
134 23.8 11.1 33.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

80000

60000

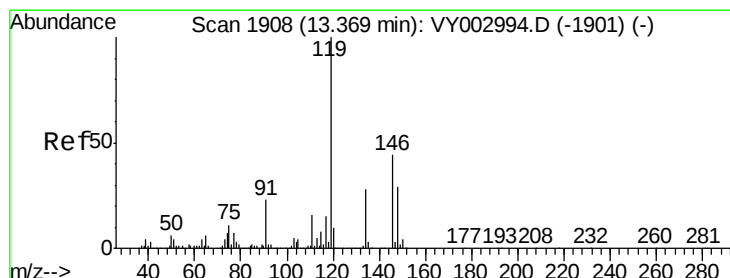
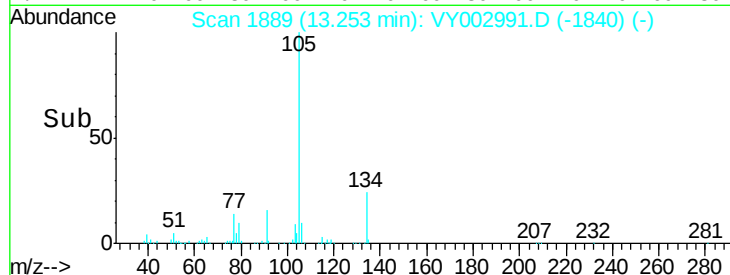
40000

20000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 5.120 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002991.D

Acq: 25 Jun 2020 11:02

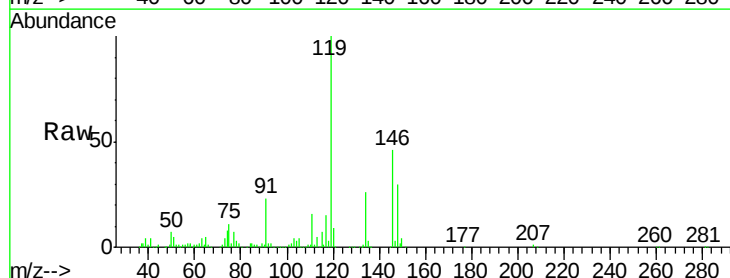
Tgt Ion:119 Resp: 114961

Ion Ratio Lower Upper

119 100

134 26.8 13.8 41.4

91 23.3 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

100000

80000

60000

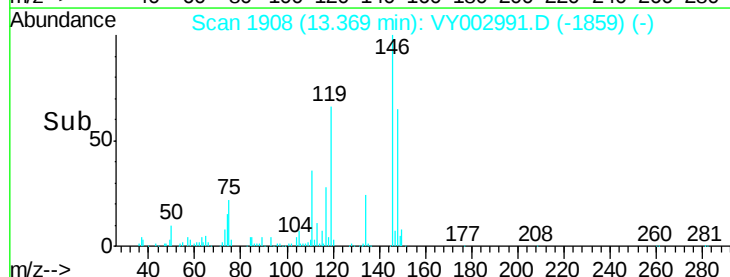
40000

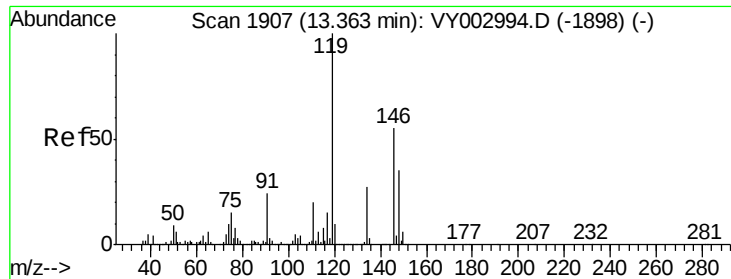
20000

0

13.30 13.35 13.40

Time-->





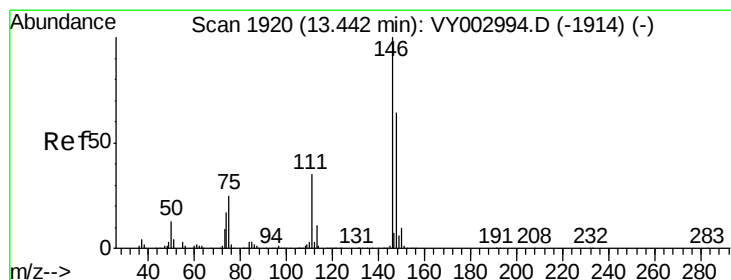
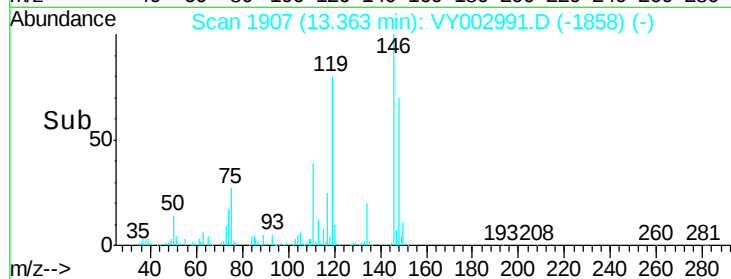
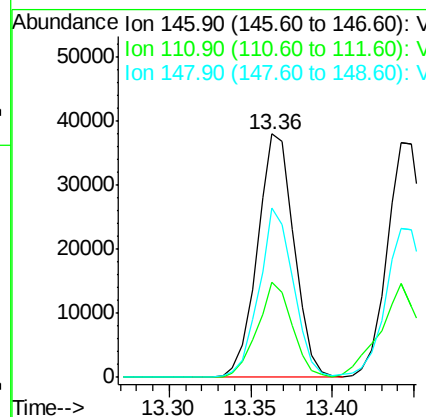
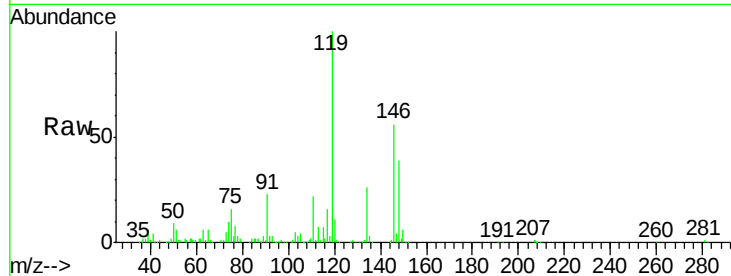
#87
 1,3-Dichlorobenzene
 Concen: 4.999 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002991.D
 Acq: 25 Jun 2020 11:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.2
148	65.4	32.2	96.6

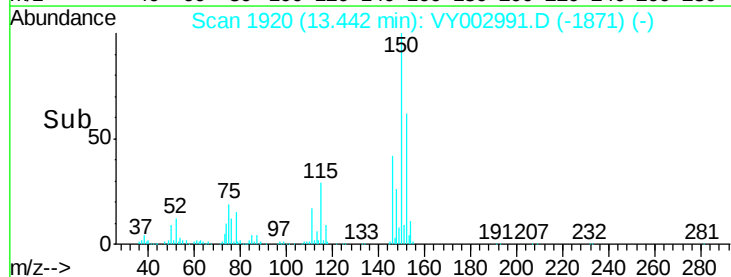
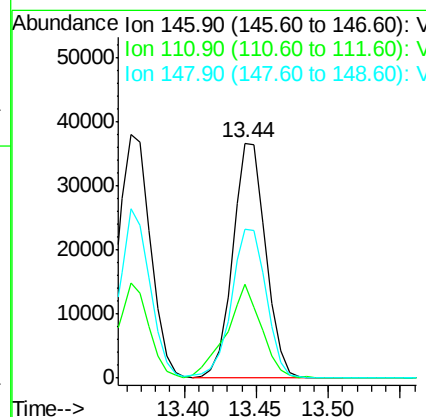
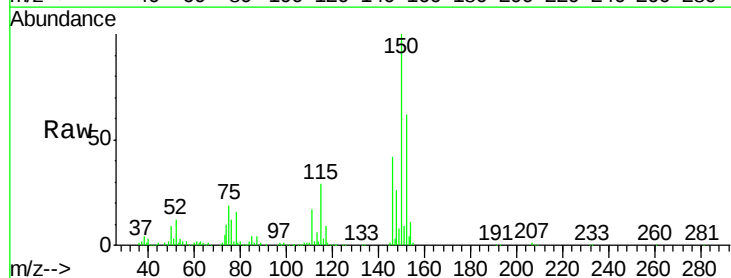
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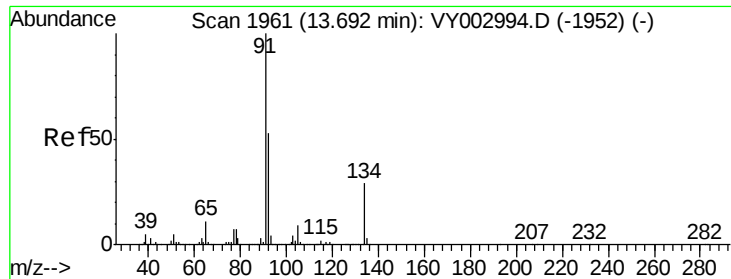
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#88
 1,4-Dichlorobenzene
 Concen: 5.040 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY002991.D
 Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	17.8	53.4
148	67.0	32.3	96.8





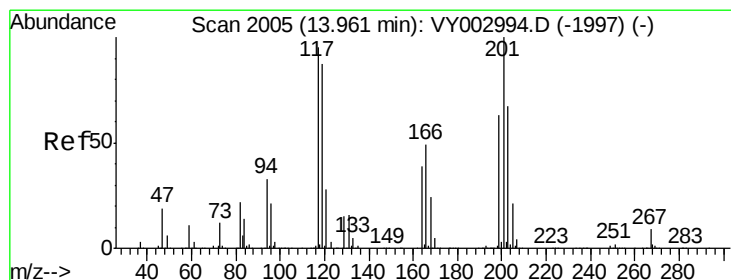
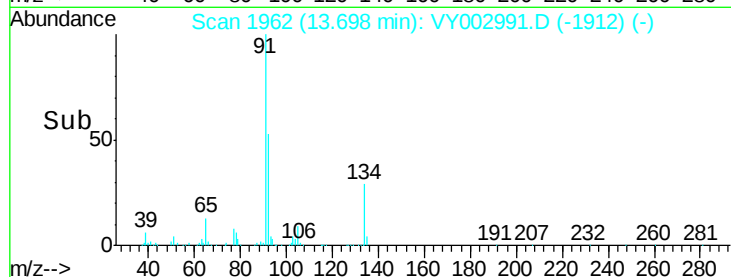
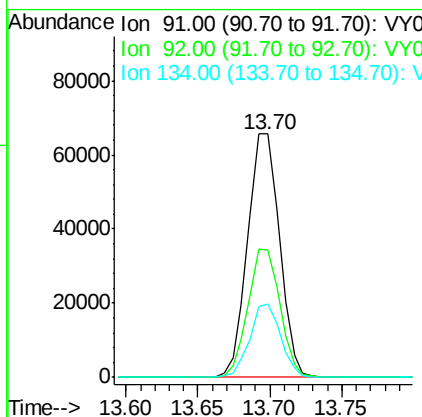
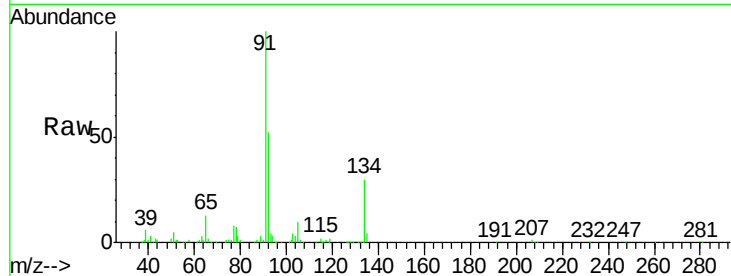
#89
n-Butylbenzene
Concen: 5.188 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	27.2	81.6
134	29.1	14.9	44.7

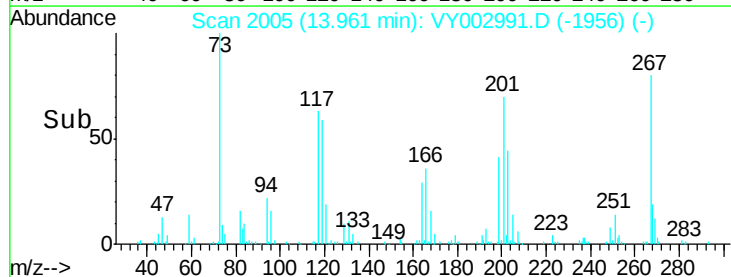
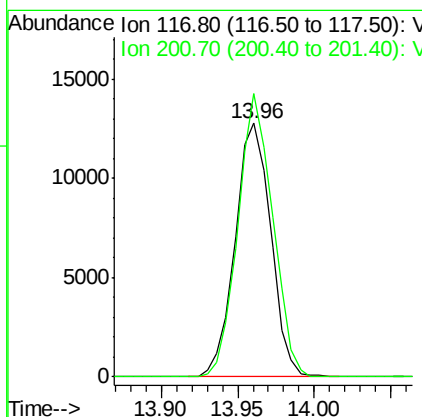
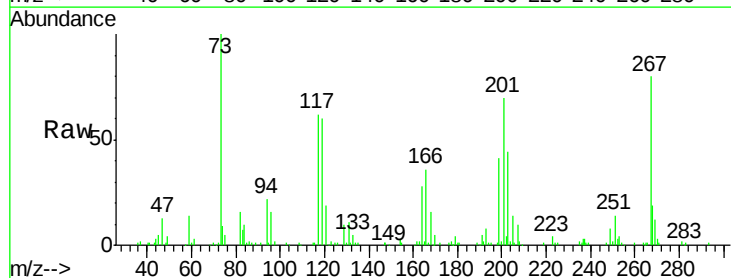
Manual Integrations
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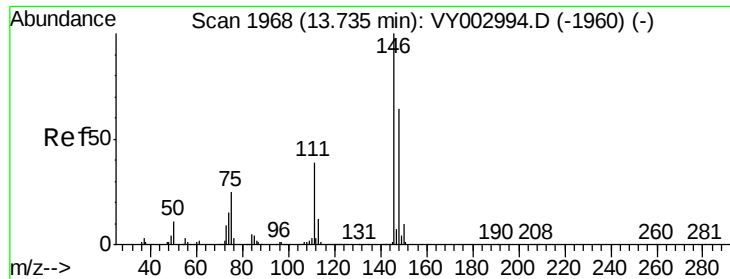
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#90
Hexachloroethane
Concen: 5.089 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	108.8	53.8	161.5





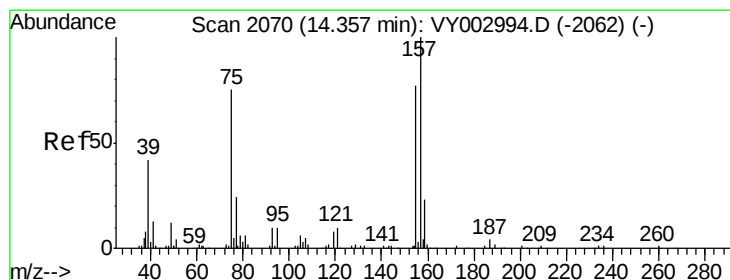
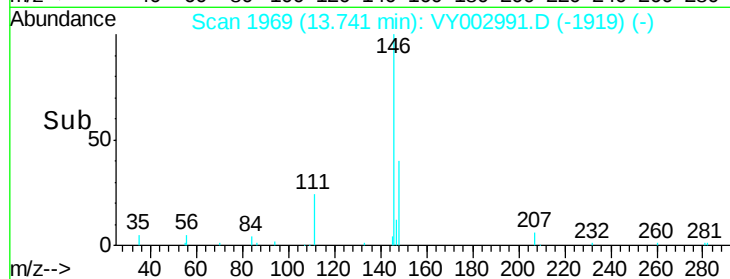
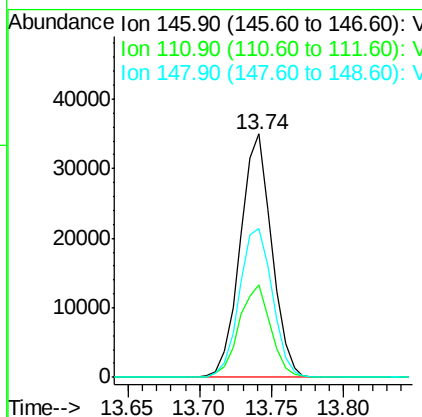
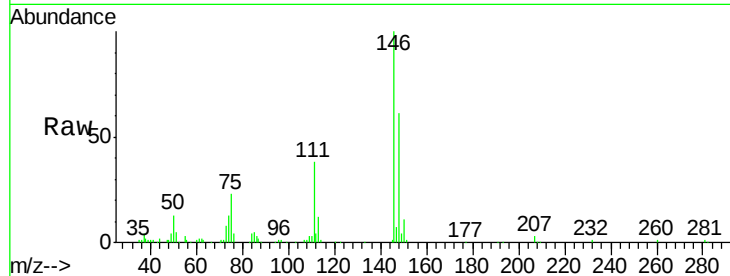
#91
 1,2-Dichlorobenzene
 Concen: 5.083 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002991.D
 Acq: 25 Jun 2020 11:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.7
148	64.2	31.8	95.4

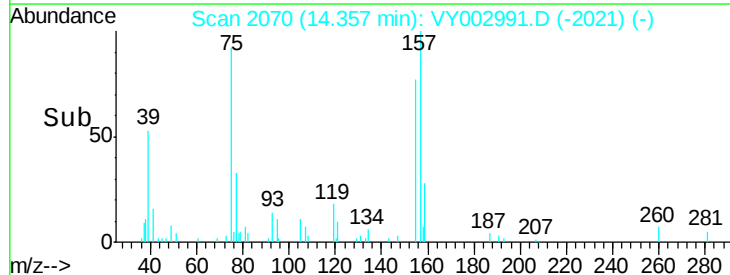
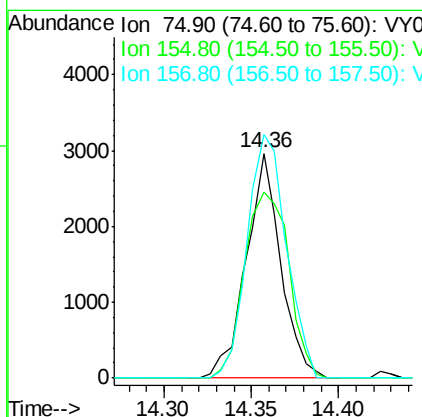
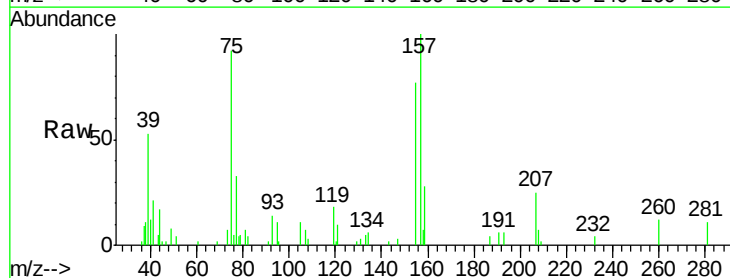
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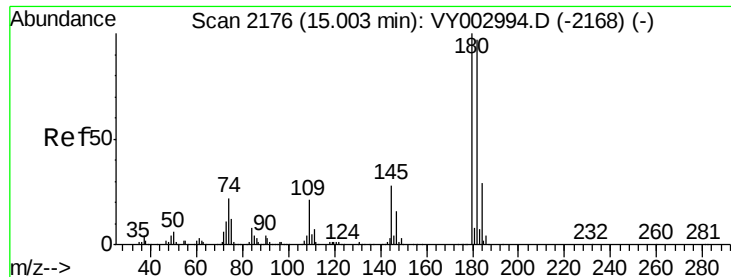
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.458 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002991.D
 Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.3	51.3	153.9
157	122.7	65.0	195.1





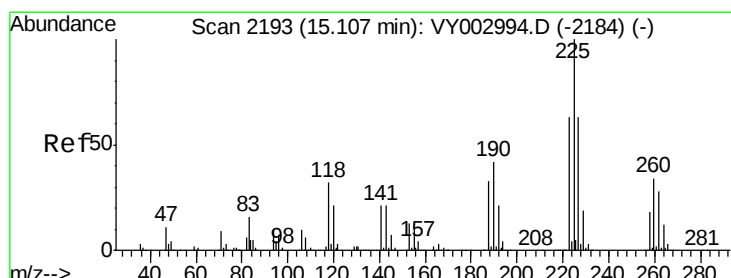
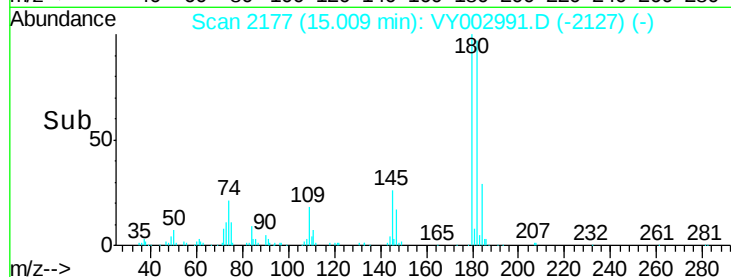
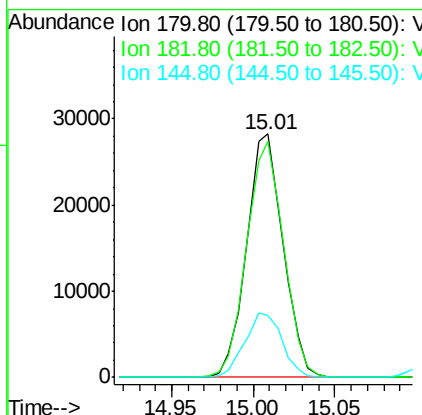
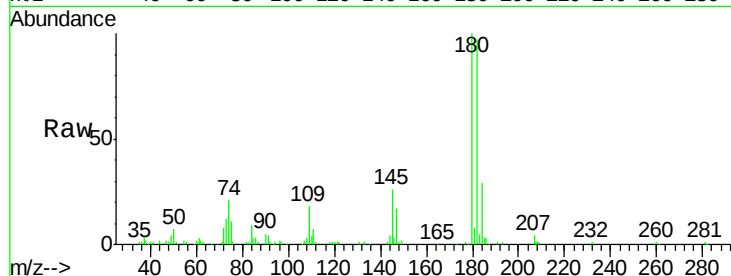
#93
 1,2,4-Trichlorobenzene
 Concen: 5.325 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY002991.D
 Acq: 25 Jun 2020 11:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.1	48.4	145.2
145	27.2	13.5	40.5

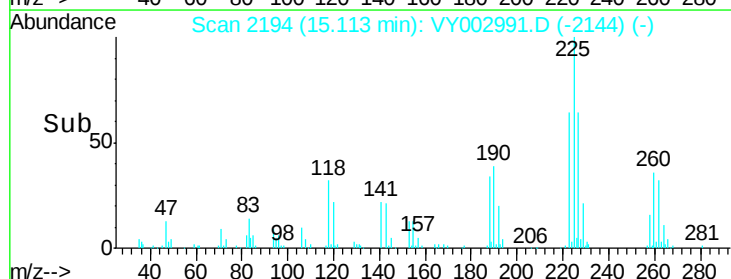
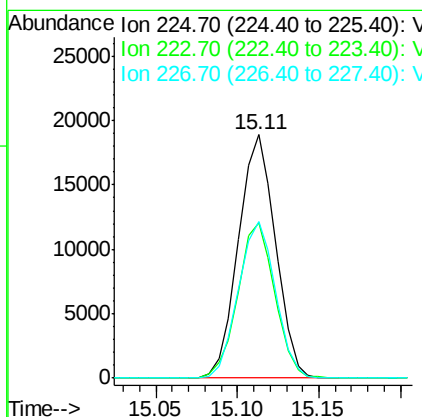
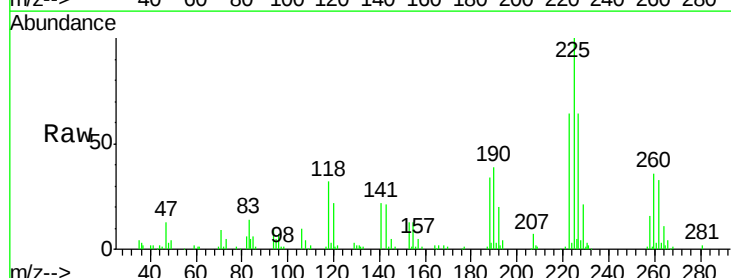
Manual Integrations
 APPROVED

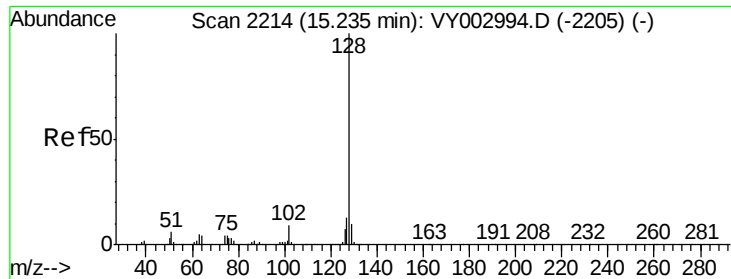
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 6/26/2020 11:22:09 AM



#94
 Hexachlorobutadiene
 Concen: 5.280 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY002991.D
 Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.6	94.8
227	64.5	32.2	96.6





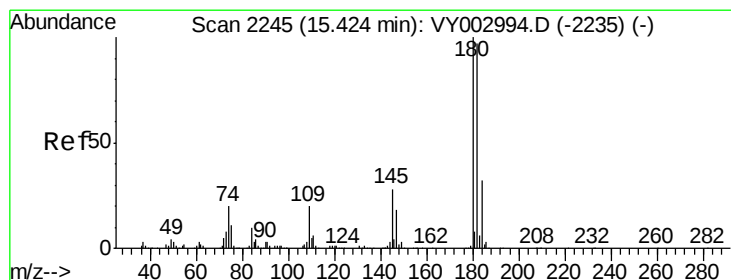
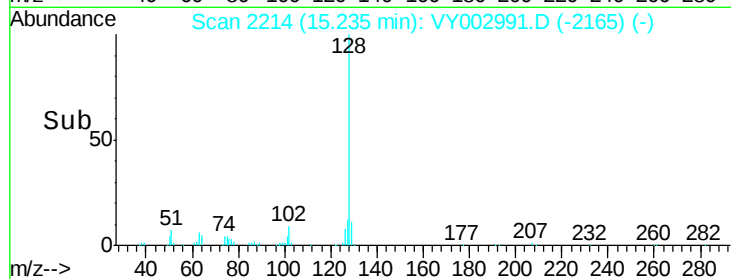
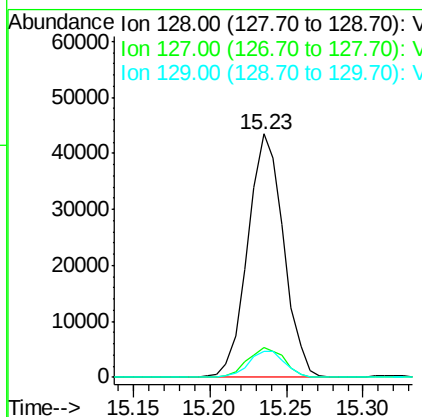
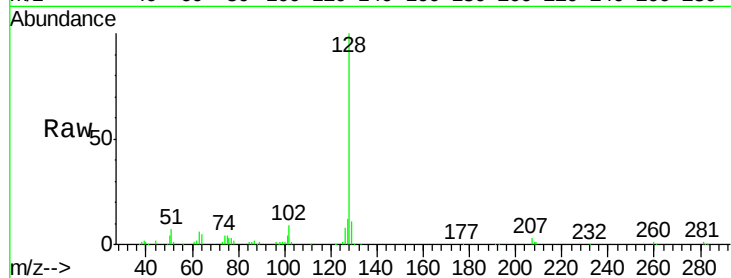
#95
Naphthalene
Concen: 5.203 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 5.049 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002991.D
Acq: 25 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.1	141.4
145	29.7	14.0	42.0

