

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002514.D
 Acq On : 30 Apr 2020 15:44
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

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 5/5/2020 4:31:11 PM

Quant Time: May 04 12:26:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:07:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	365642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	540162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	493105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	246147	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	310496	100.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.98%	
35) Dibromofluoromethane	7.74	113	313187	101.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.76%	
50) Toluene-d8	10.19	98	1228755	101.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.70%	
62) 4-Bromofluorobenzene	12.49	95	409278	99.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	313352	112.847	ug/l	98
3) Chloromethane	2.12	50	315562	106.524	ug/l	100
4) Vinyl Chloride	2.26	62	361745	105.753	ug/l	99
5) Bromomethane	2.65	94	245140	103.920	ug/l	99
6) Chloroethane	2.80	64	214307	104.926	ug/l	97
7) Trichlorofluoromethane	3.14	101	564094	106.403	ug/l	100
8) Diethyl Ether	3.55	74	191198	107.321	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	334677	103.292	ug/l	98
10) Methyl Iodide	4.11	142	498997	113.041	ug/l	99
11) Tert butyl alcohol	4.99	59	147691	466.931	ug/l	100
12) 1,1-Dichloroethene	3.89	96	332216	105.544	ug/l	99
13) Acrolein	3.75	56	127332	582.160	ug/l	96
14) Allyl chloride	4.50	41	483810	105.494	ug/l	99
15) Acrylonitrile	5.19	53	435553	518.424	ug/l	100
16) Acetone	3.97	43	330920	521.556	ug/l	99
17) Carbon Disulfide	4.21	76	1040174	109.847	ug/l	100
18) Methyl Acetate	4.50	43	211993	99.998	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	855892	104.223	ug/l	99
20) Methylene Chloride	4.74	84	339929	95.806	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	356635	103.664	ug/l	97
22) Diisopropyl ether	6.14	45	937127	100.989	ug/l	97
23) Vinyl Acetate	6.08	43	3043717	521.555	ug/l	100
24) 1,1-Dichloroethane	6.04	63	564398	102.810	ug/l	100
25) 2-Butanone	7.01	43	533270	513.444	ug/l	99
26) 2,2-Dichloropropane	7.00	77	523551	100.333	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	390228	102.512	ug/l	99
28) Bromochloromethane	7.36	49	230517	102.486	ug/l	99
29) Tetrahydrofuran	7.37	42	353281	514.114	ug/l	99
30) Chloroform	7.53	83	581915	101.946	ug/l	100
31) Cyclohexane	7.80	56	547865	99.146	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	553885	104.399	ug/l	100
36) 1,1-Dichloropropene	7.94	75	472964	104.448	ug/l	100
37) Ethyl Acetate	7.10	43	241119	103.620	ug/l	100
38) Carbon Tetrachloride	7.92	117	526372	106.473	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	639264	106.884	ug/l	99
40) Benzene	8.18	78	1364013	104.294	ug/l	100
41) Methacrylonitrile	7.34	41	114109m	93.812	ug/l	
42) 1,2-Dichloroethane	8.25	62	378430	103.156	ug/l	99
43) Isopropyl Acetate	8.29	43	464389	106.453	ug/l	99
44) Trichloroethene	8.96	130	426345	104.312	ug/l	98
45) 1,2-Dichloropropane	9.23	63	326716	103.508	ug/l	99
46) Dibromomethane	9.32	93	189806	104.514	ug/l	99
47) Bromodichloromethane	9.51	83	465254	105.360	ug/l	99
48) Methyl methacrylate	9.30	41	210869	106.809	ug/l	99
49) 1,4-Dioxane	9.31	88	49922	2076.142	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	1178934	524.313	ug/l	100
52) Toluene	10.25	92	876634	104.296	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	492116	106.364	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	559084	104.526	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	272381	102.849	ug/l	98
56) Ethyl methacrylate	10.52	69	379471	107.708	ug/l	100
57) 1,3-Dichloropropane	10.80	76	465394	103.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	942670	507.374	ug/l	99
59) 2-Hexanone	10.84	43	820639	530.268	ug/l	99
60) Dibromochloromethane	10.99	129	354619	105.279	ug/l	100
61) 1,2-Dibromoethane	11.10	107	274143	104.542	ug/l	99
64) Tetrachloroethene	10.73	164	451033	102.947	ug/l	98
65) Chlorobenzene	11.53	112	963506	102.786	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	364590	104.778	ug/l	99
67) Ethyl Benzene	11.60	91	1715195	104.166	ug/l	100
68) m/p-Xylenes	11.71	106	1326371	208.187	ug/l	99
69) o-Xylene	12.03	106	620551	104.026	ug/l	100
70) Styrene	12.05	104	1069466	104.871	ug/l	100
71) Bromoform	12.22	173	228942	106.006	ug/l	# 100
73) Isopropylbenzene	12.34	105	1690716	105.983	ug/l	100
74) N-amyl acetate	12.15	43	409122	106.612	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	267482	105.430	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	235909m	107.371	ug/l	
77) Bromobenzene	12.62	156	415980	104.370	ug/l	100
78) n-propylbenzene	12.68	91	1944771	105.050	ug/l	100
79) 2-Chlorotoluene	12.77	91	1070945	104.434	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	1391863	105.256	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	116506	106.800	ug/l	99
82) 4-Chlorotoluene	12.86	91	1119563	103.934	ug/l	99
83) tert-Butylbenzene	13.08	119	1218679	105.106	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	1379495	104.676	ug/l	100
85) sec-Butylbenzene	13.26	105	1676582	104.206	ug/l	100
86) p-Isopropyltoluene	13.38	119	1567939	104.007	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	772755	102.441	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	764624	102.366	ug/l	99
89) n-Butylbenzene	13.70	91	1400744	102.067	ug/l	100
90) Hexachloroethane	13.97	117	289846	105.576	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	683394	101.529	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	47707	100.876	ug/l	98

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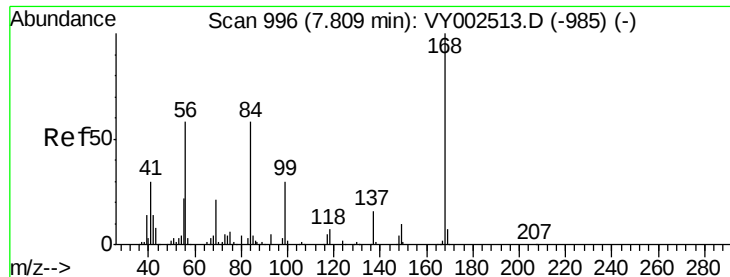
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	480651	98.356	ug/l	100
94) Hexachlorobutadiene	15.12	225	286547	97.686	ug/l	99
95) Naphthalene	15.24	128	918090	102.985	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	410102	98.854	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 365642

Ion Ratio Lower Upper

168 100

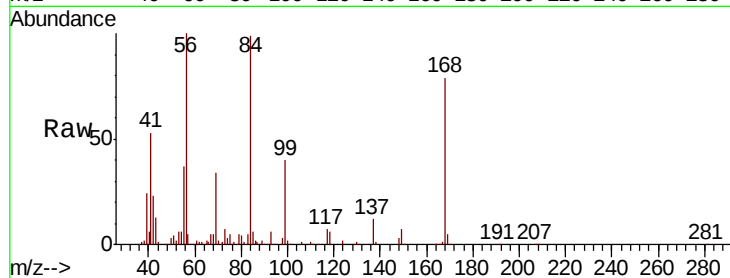
99 50.6 39.2 58.8

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Abundance Ion 167.90 (167.60 to 168.60): VY002514.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002514.D (-947) (-)

7.81

150000

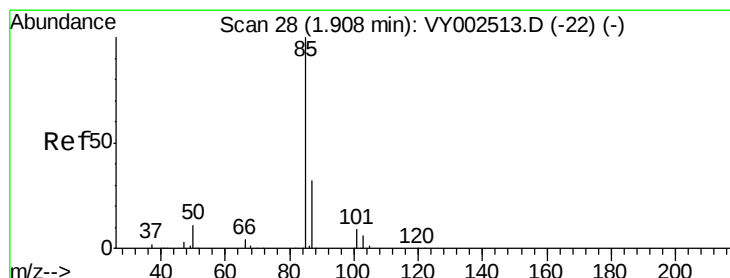
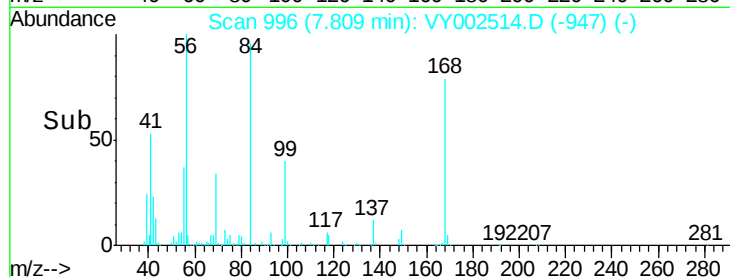
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 112.847 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002514.D

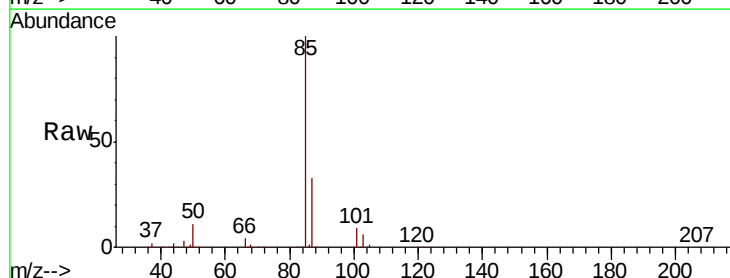
Acq: 30 Apr 2020 15:44

Tgt Ion: 85 Resp: 313352

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002514.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002514.D (-1) (-)

1.91

250000

200000

150000

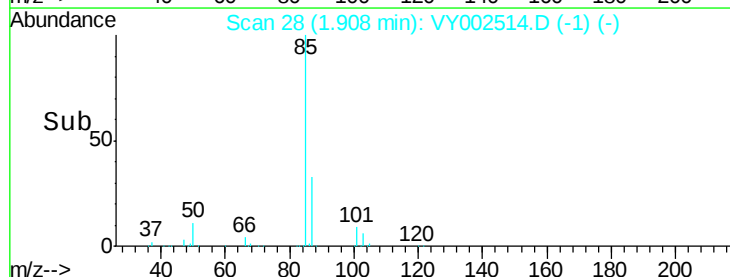
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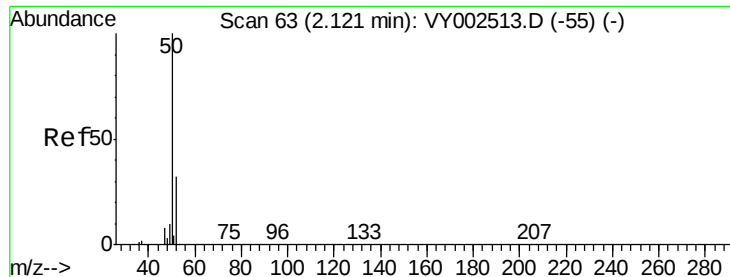
50000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 106.524 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tot Ion: 50 Resp: 315562

Ion Ratio Lower Upper

50 100

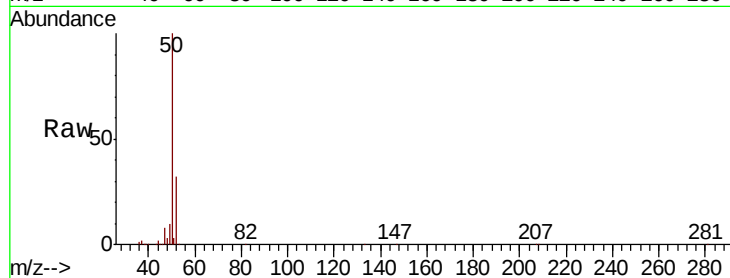
52 32.2 25.9 38.9

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

200000

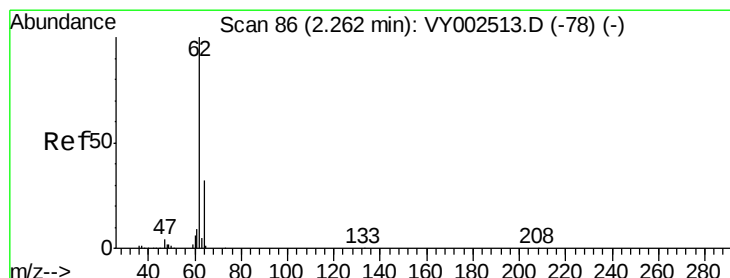
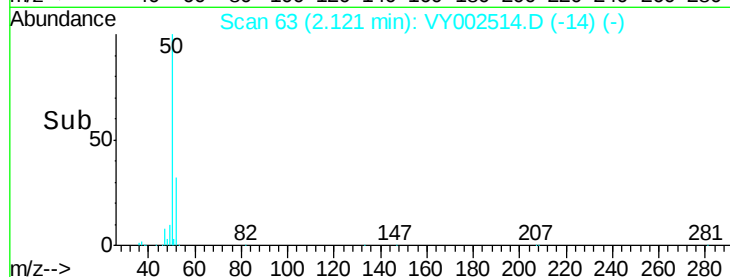
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 105.753 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002514.D

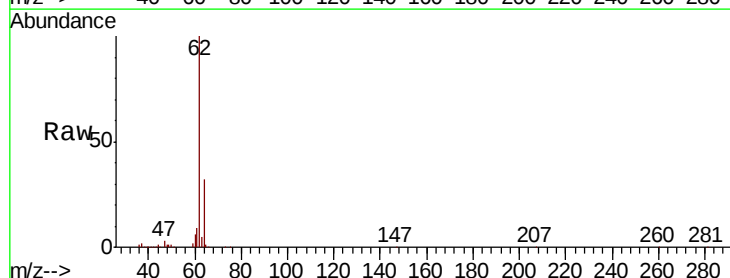
Acq: 30 Apr 2020 15:44

Tgt Ion: 62 Resp: 361745

Ion Ratio Lower Upper

62 100

64 32.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

250000

200000

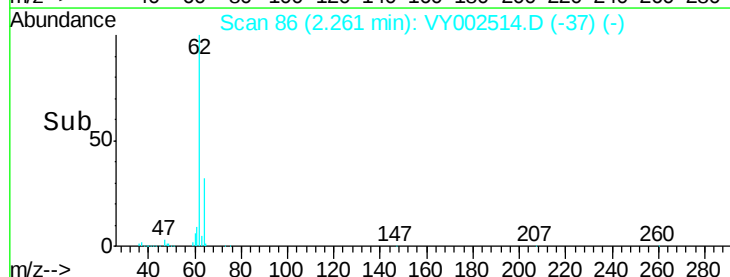
150000

100000

50000

0

Time-->





#5

Bromomethane

Concen: 103.920 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 245140

Ion Ratio Lower Upper

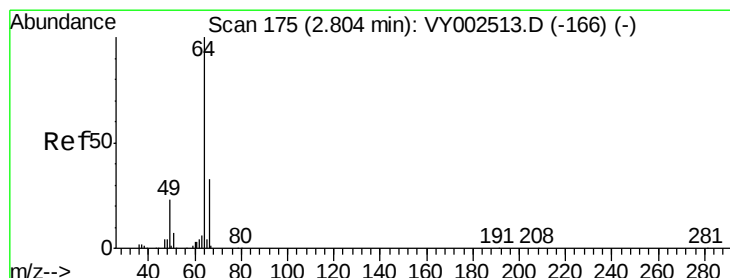
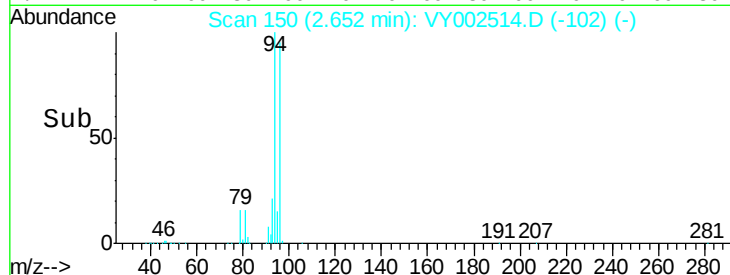
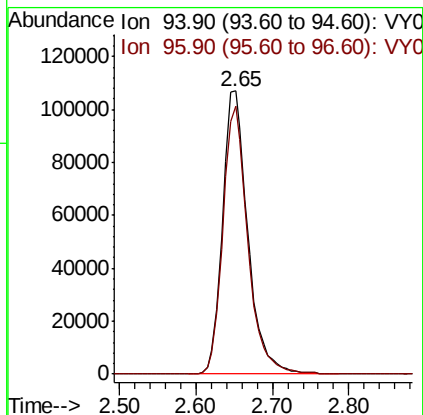
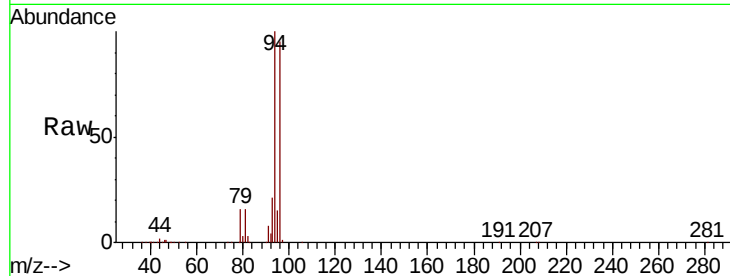
94 100

96 94.6 74.9 112.3

Manual Integrations
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#6

Chloroethane

Concen: 104.926 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002514.D

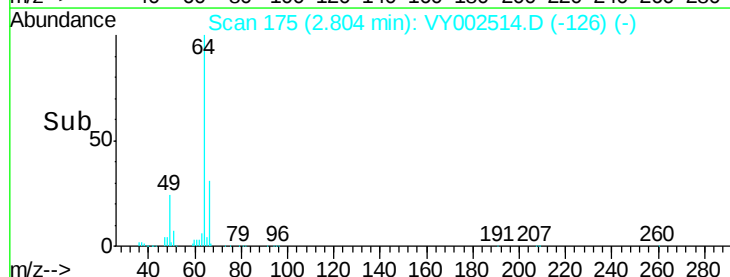
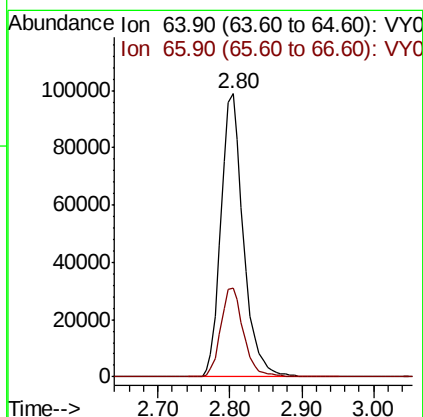
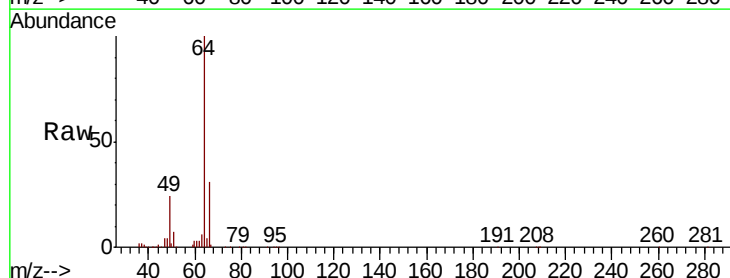
Acq: 30 Apr 2020 15:44

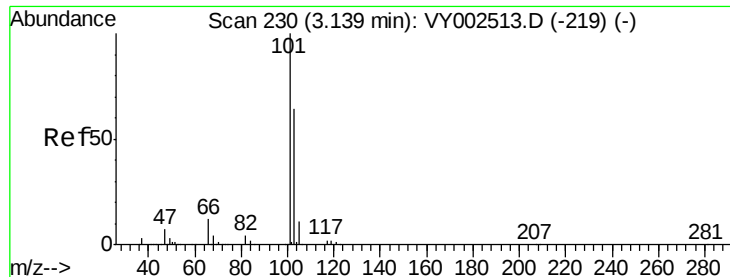
Tgt Ion: 64 Resp: 214307

Ion Ratio Lower Upper

64 100

66 31.4 26.3 39.5





#7

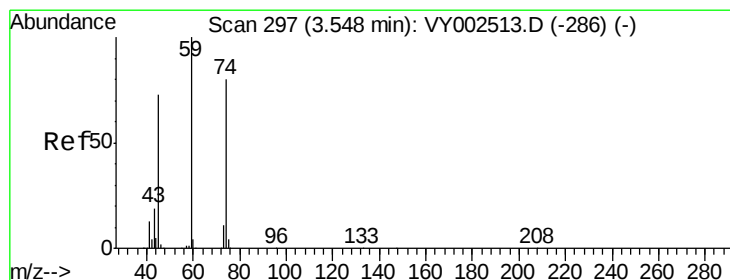
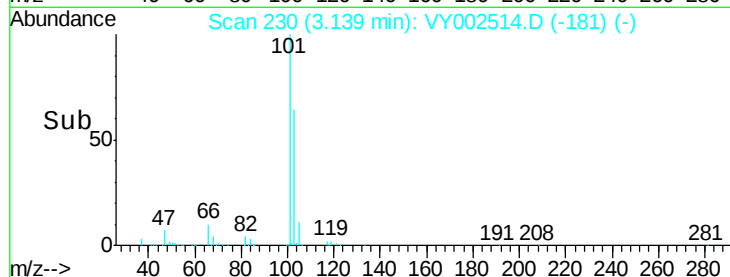
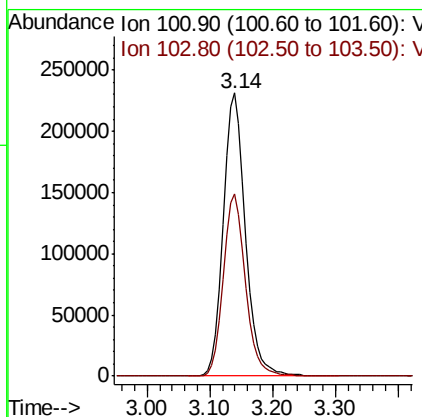
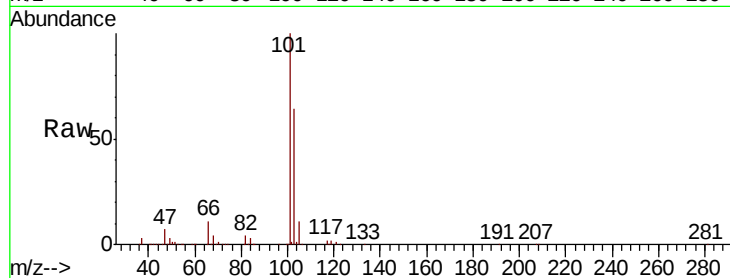
Trichlorofluoromethane
Concen: 106.403 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
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ClientSampleId :
VSTDIC100

Tot Ion:101 Resp: 564094
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0

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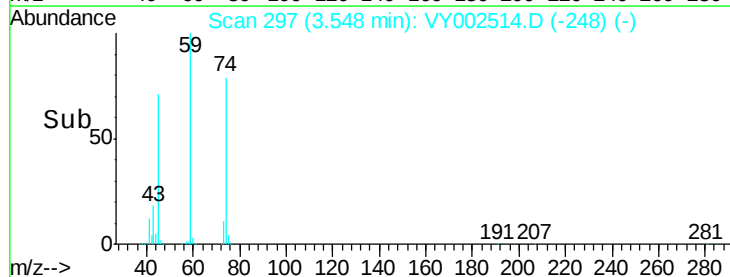
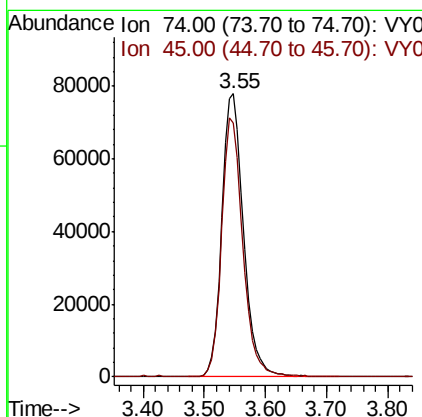
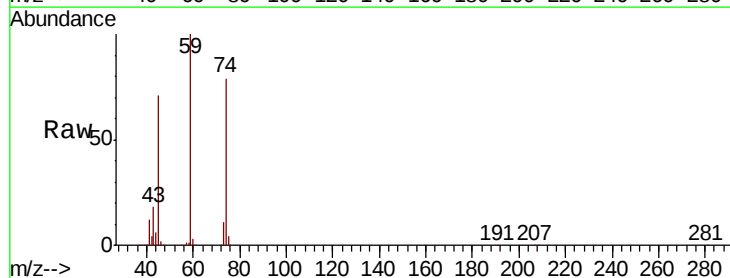
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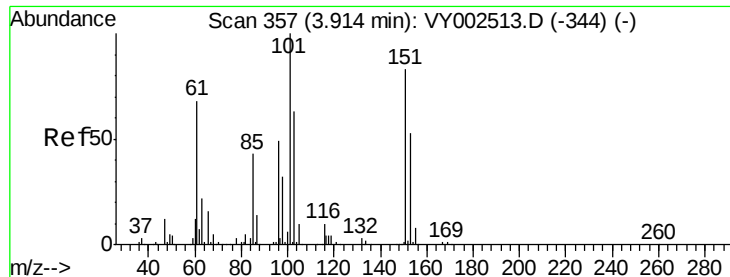


#8

Diethyl Ether
Concen: 107.321 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion: 74 Resp: 191198
Ion Ratio Lower Upper
74 100
45 89.8 46.2 138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 103.292 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

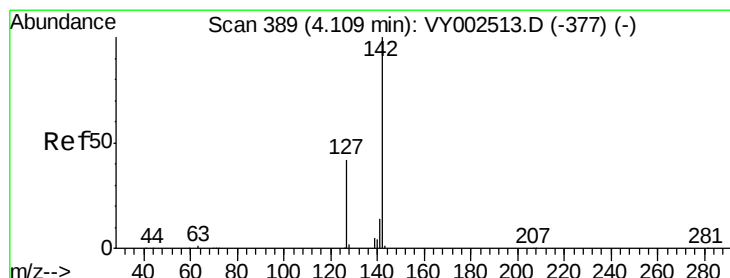
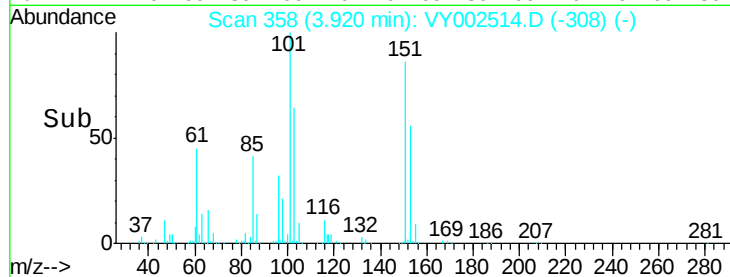
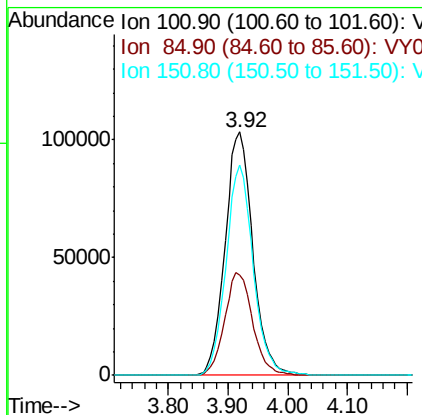
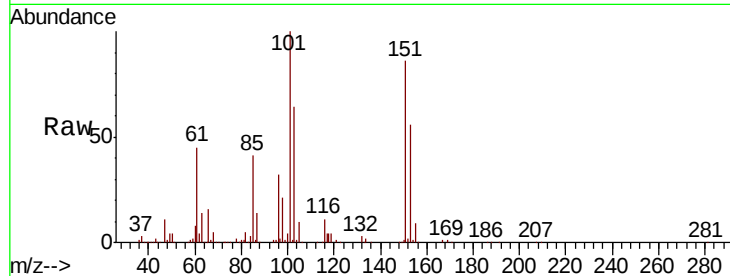
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	334677
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.4	50.2
151	84.9	66.8	100.2

Manual Integrations
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#10

Methyl Iodide

Concen: 113.041 ug/l

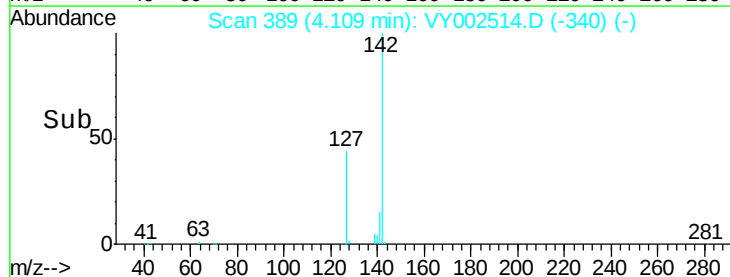
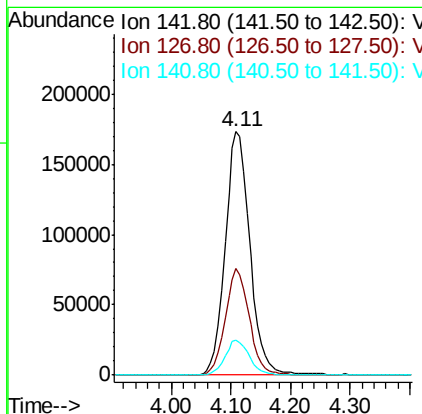
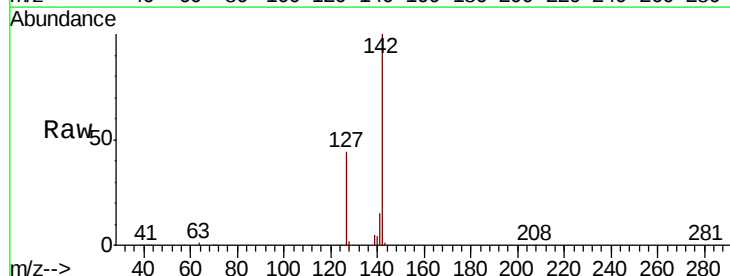
RT: 4.11 min Scan# 389

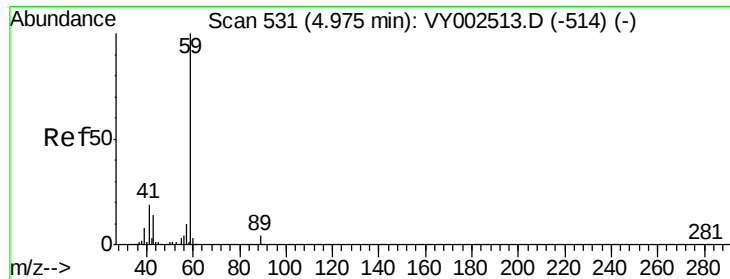
Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Tgt Ion:	142	Resp:	498997
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.7	50.5
141	14.2	11.4	17.0





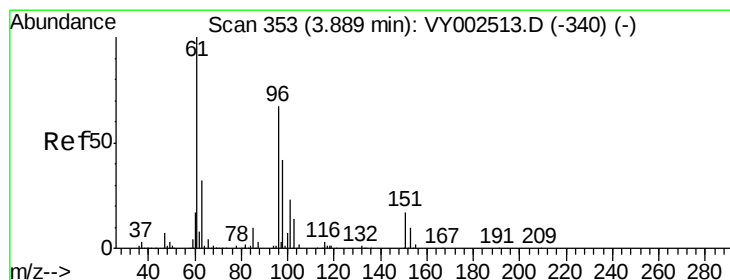
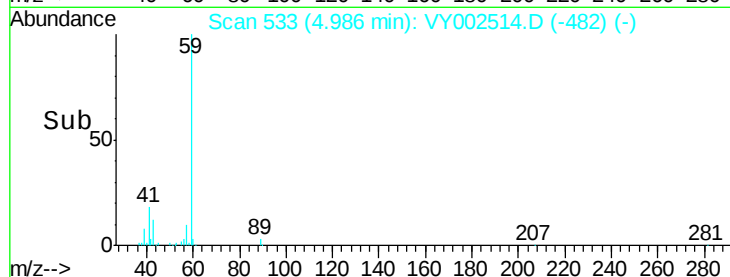
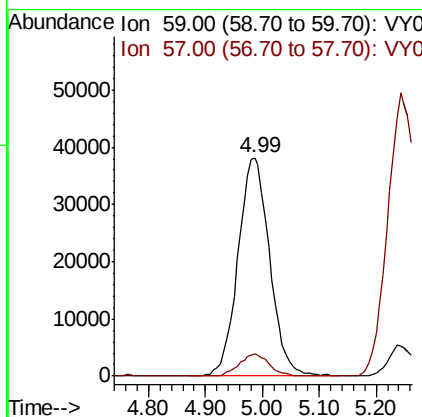
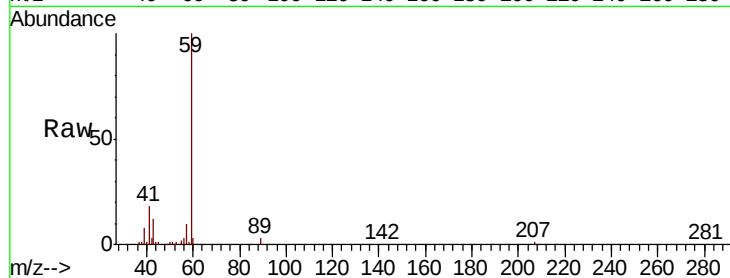
#11
Tert butyl alcohol
Concen: 466.931 ug/l
RT: 4.99 min Scan# 533
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.8	11.6

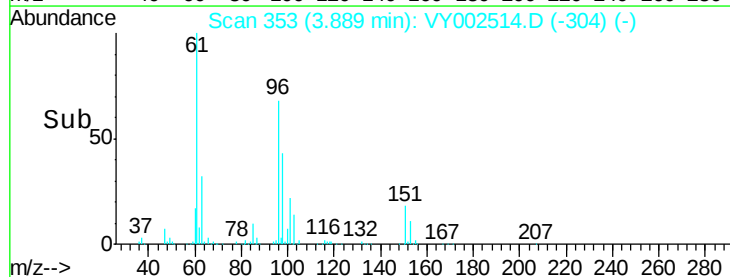
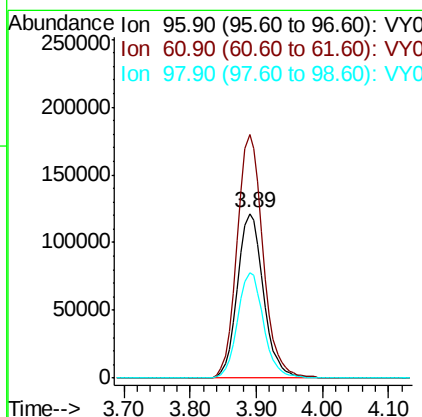
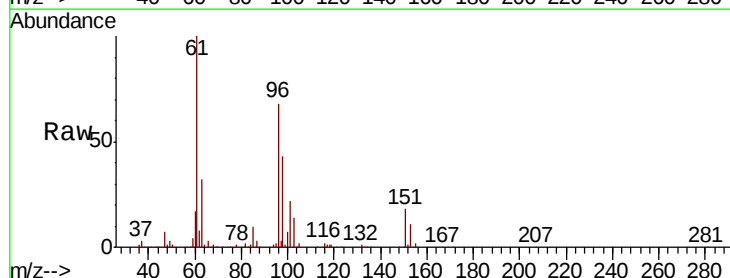
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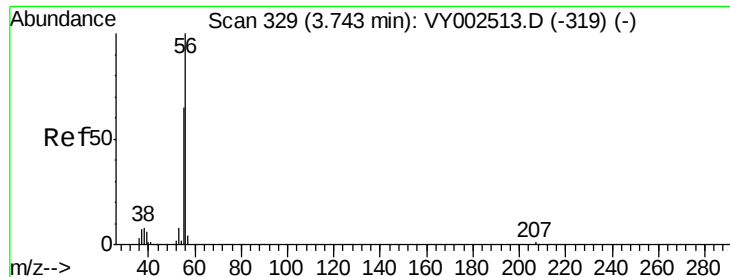
MMDadoda
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#12
1,1-Dichloroethene
Concen: 105.544 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.9	118.8	178.2
98	64.2	49.6	74.4





#13

Acrolein

Concen: 582.160 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 127332

Ion Ratio Lower Upper

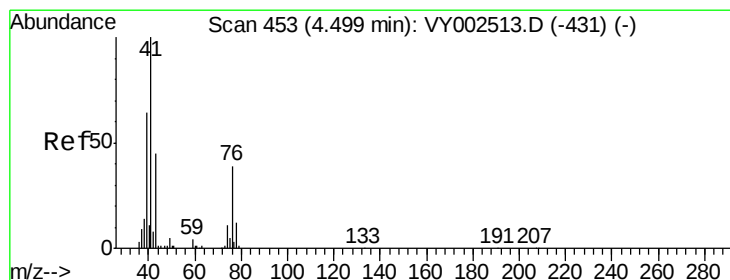
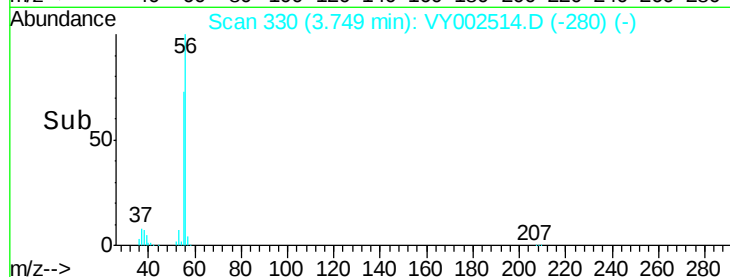
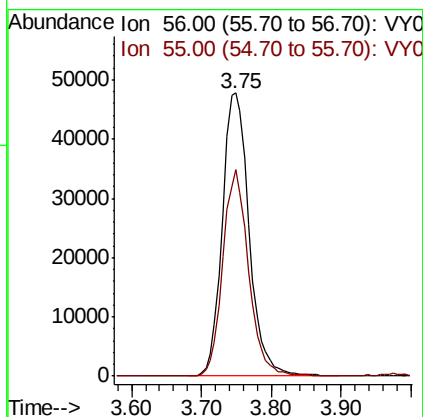
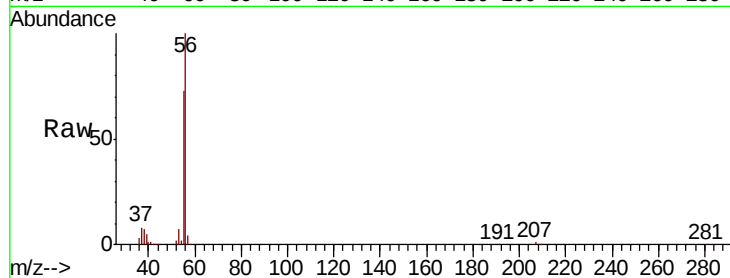
56 100

55 70.1 53.8 80.6

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#14

Allyl chloride

Concen: 105.494 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

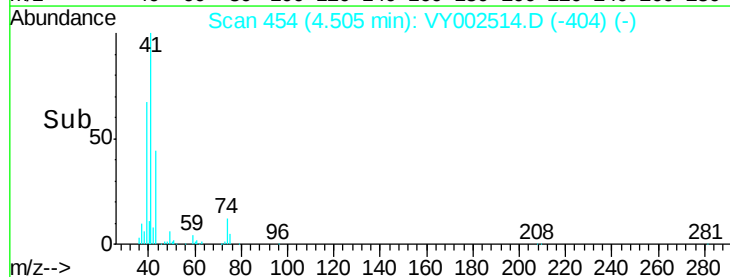
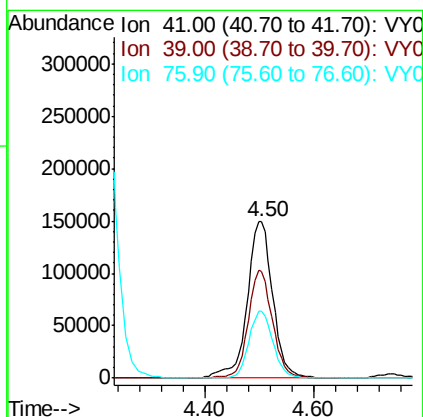
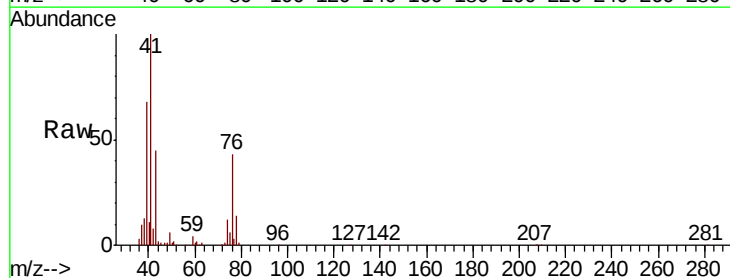
Tgt Ion: 41 Resp: 483810

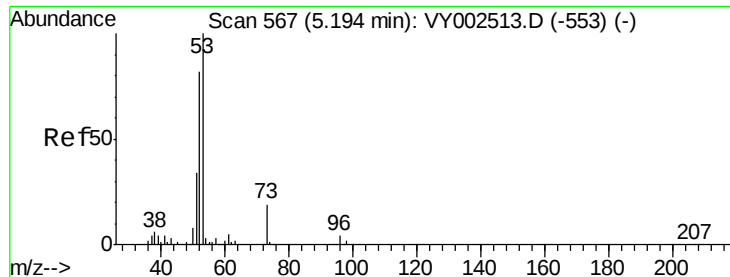
Ion Ratio Lower Upper

41 100

39 65.4 51.8 77.6

76 40.3 31.7 47.5





#15

Acrylonitrile

Concen: 518.424 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.01 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

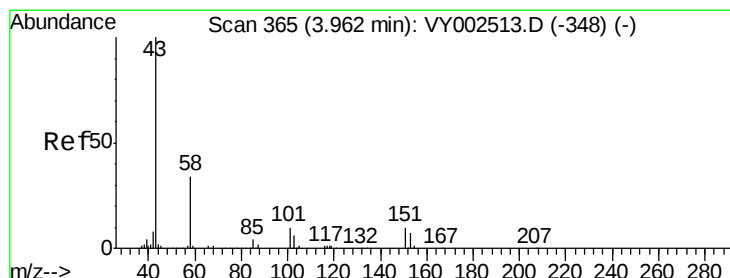
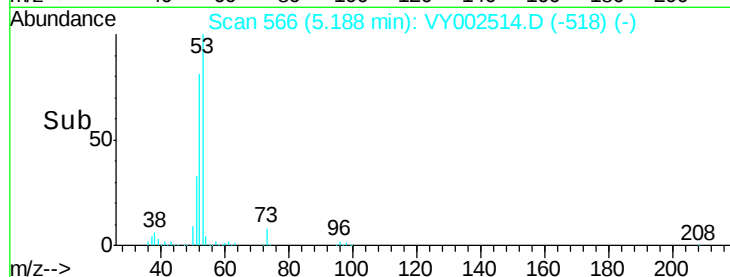
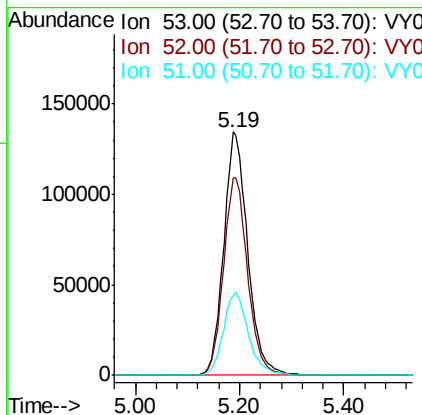
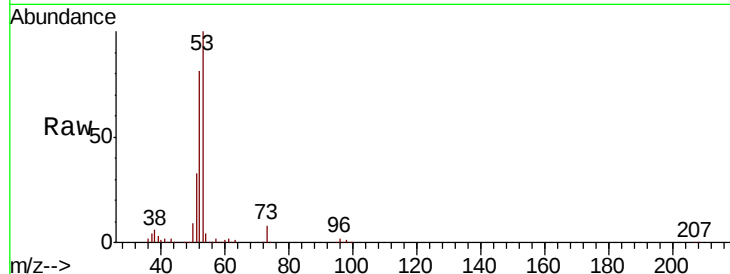
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	435553
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.4	98.0
51	35.6	28.7	43.1

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#16

Acetone

Concen: 521.556 ug/l

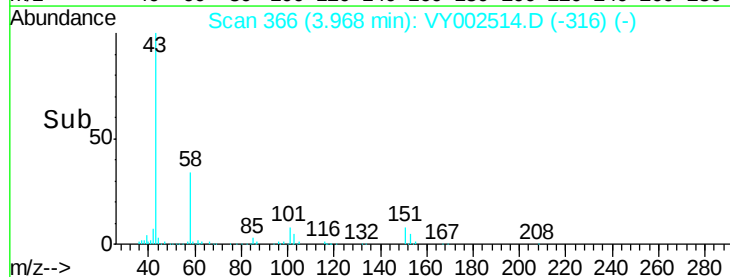
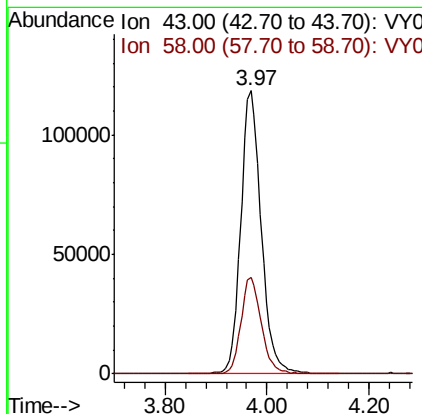
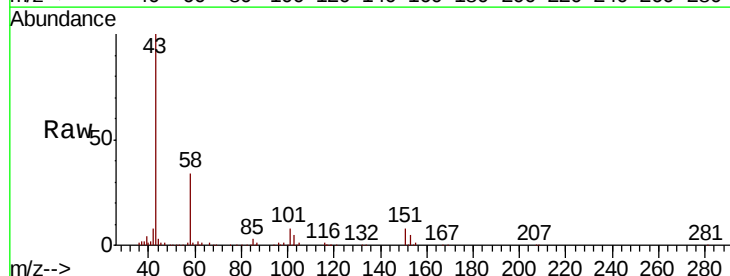
RT: 3.97 min Scan# 366

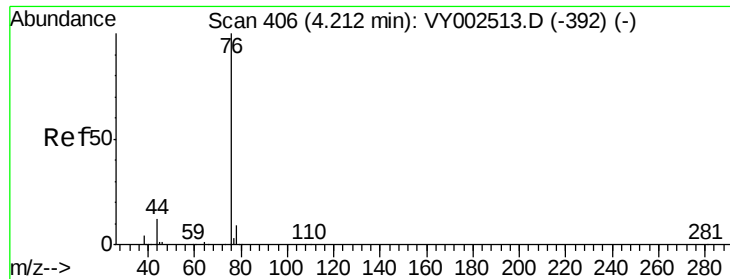
Delta R.T. 0.01 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Tgt Ion:	43	Resp:	330920
Ion	Ratio	Lower	Upper
43	100		
58	34.0	26.9	40.3





#17

Carbon Disulfide

Concen: 109.847 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 1040174

Ion Ratio Lower Upper

76 100

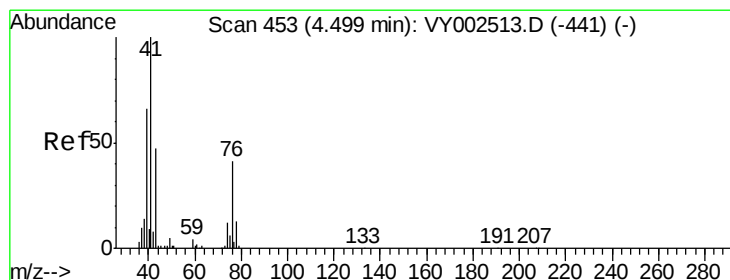
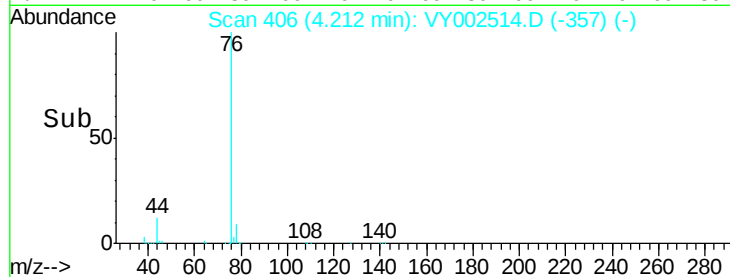
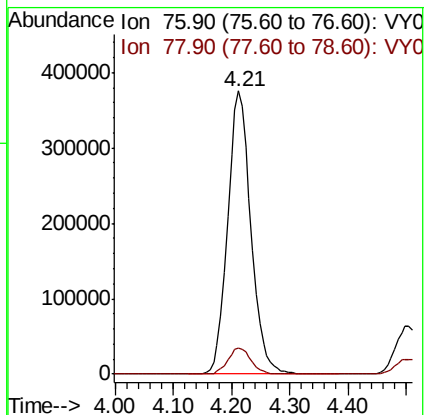
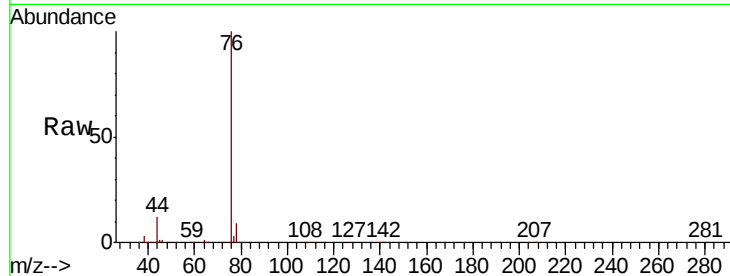
78 9.4 7.4 11.2

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#18

Methyl Acetate

Concen: 99.998 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002514.D

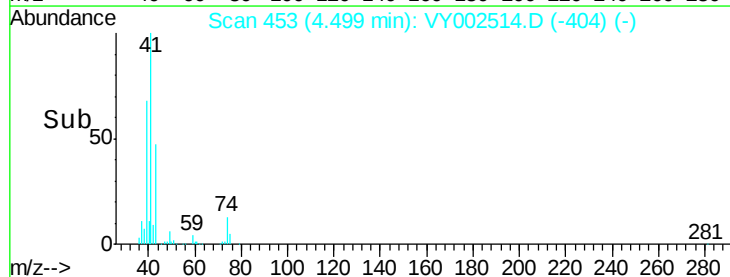
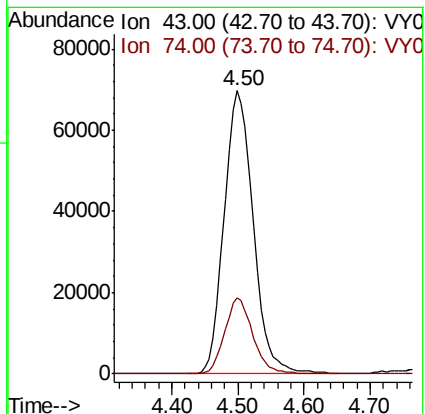
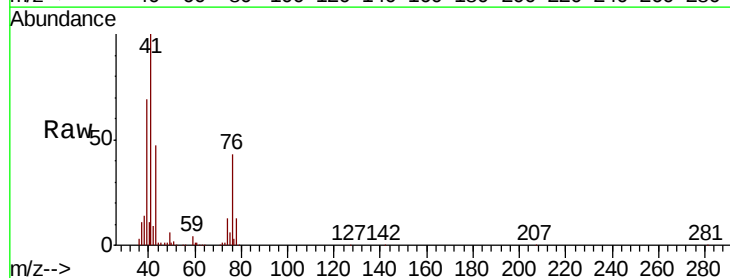
Acq: 30 Apr 2020 15:44

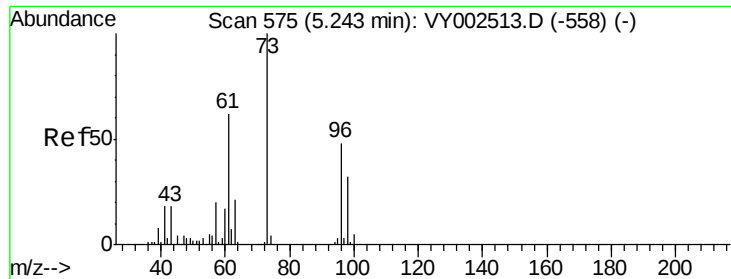
Tgt Ion: 43 Resp: 211993

Ion Ratio Lower Upper

43 100

74 26.1 21.2 31.8





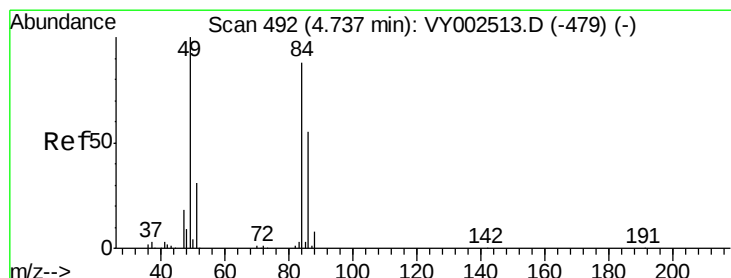
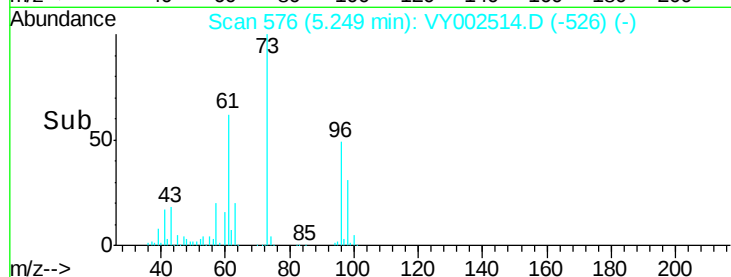
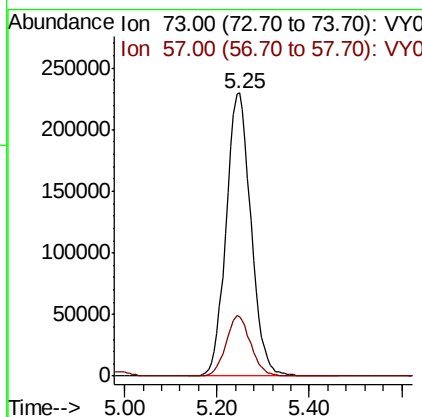
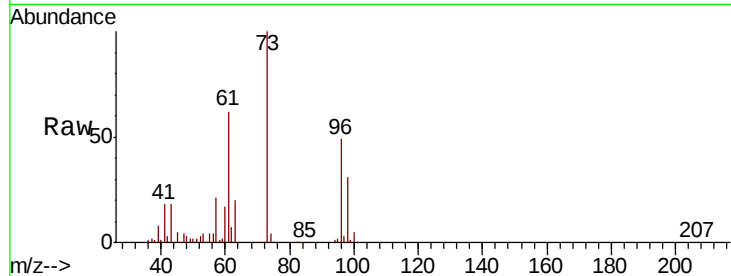
#19
Methvl tert-butvl Ether
Concen: 104.223 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 855892
Ion Ratio Lower Upper
73 100
57 20.8 16.3 24.5

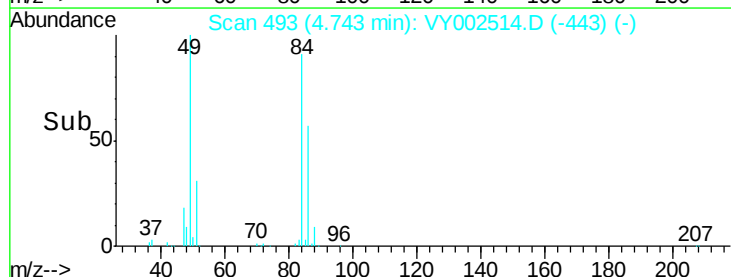
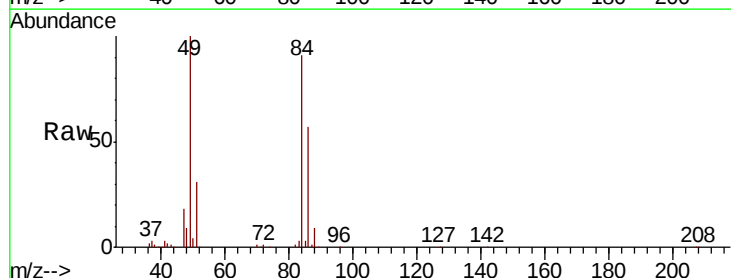
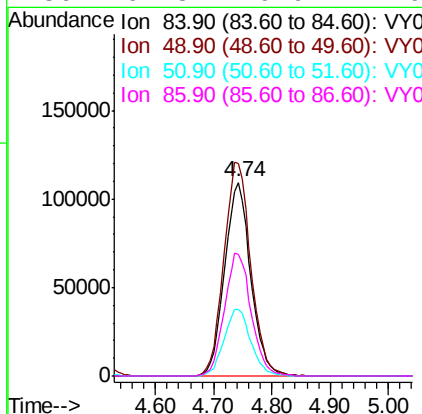
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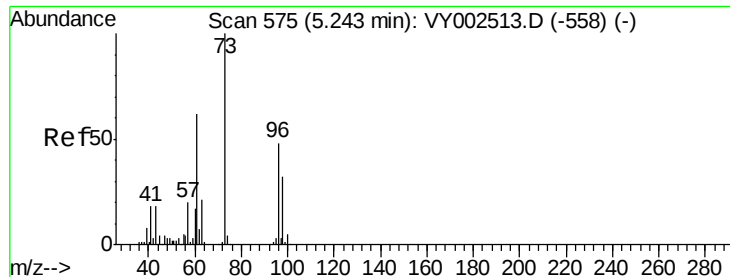
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5/5/2020 4:31:11 PM



#20
Methylene Chloride
Concen: 95.806 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion: 84 Resp: 339929
Ion Ratio Lower Upper
84 100
49 109.8 90.5 135.7
51 34.2 28.3 42.5
86 62.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 103.664 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

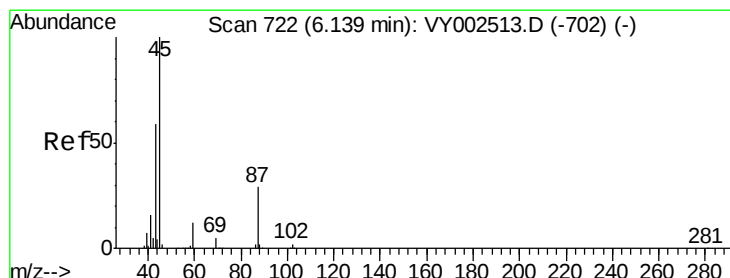
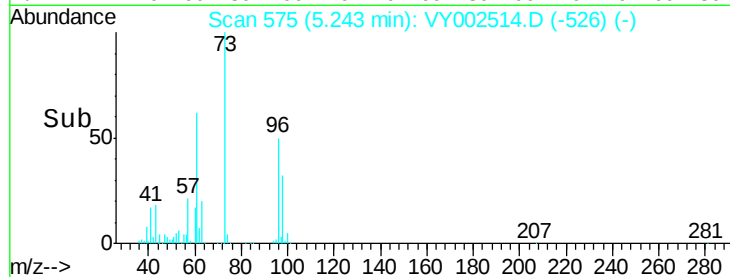
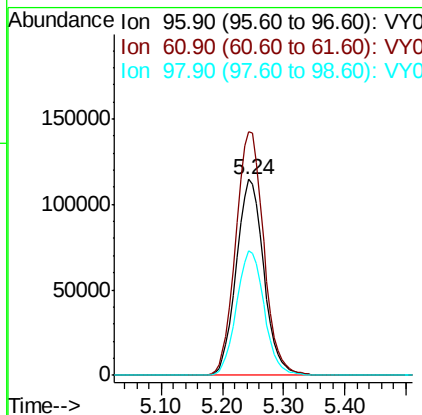
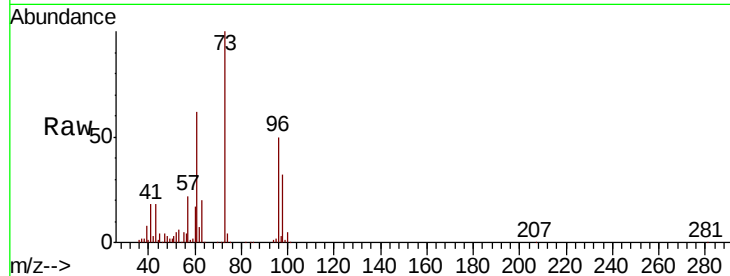
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	356635
Ion	Ratio	Lower	Upper
96	100		
61	124.2	102.0	153.0
98	63.4	53.0	79.4

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#22

Diisopropyl ether

Concen: 100.989 ug/l

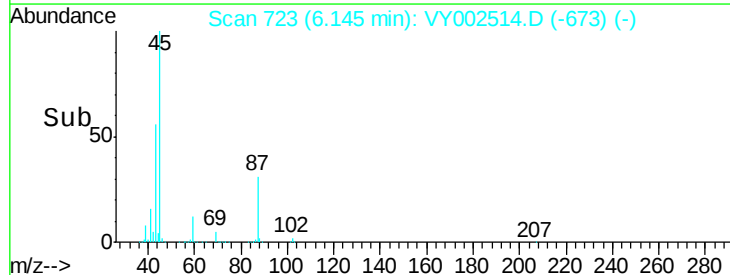
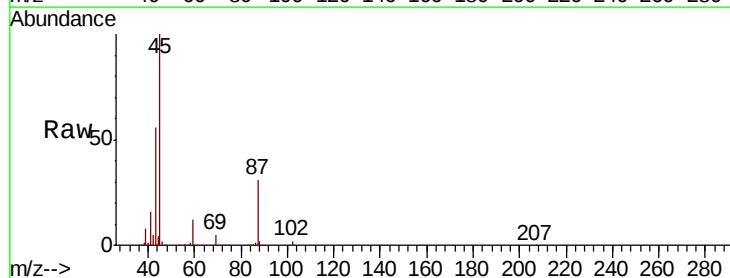
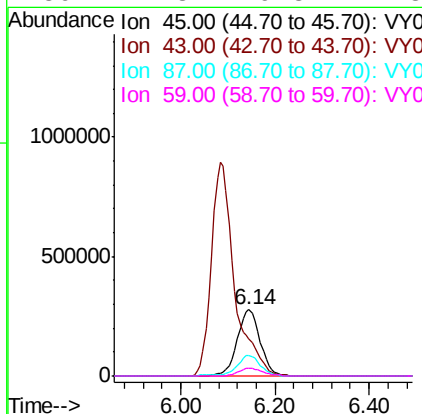
RT: 6.14 min Scan# 723

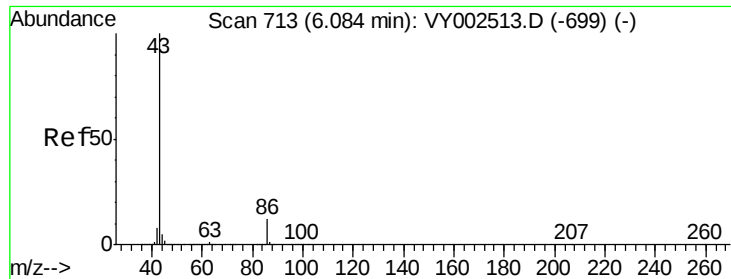
Delta R.T. 0.01 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Tgt Ion:	45	Resp:	937127
Ion	Ratio	Lower	Upper
45	100		
43	56.0	47.4	71.0
87	31.3	24.0	36.0
59	12.3	9.8	14.8





#23

Vinyl Acetate

Concen: 521.555 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 3043717

Ion Ratio Lower Upper

43 100

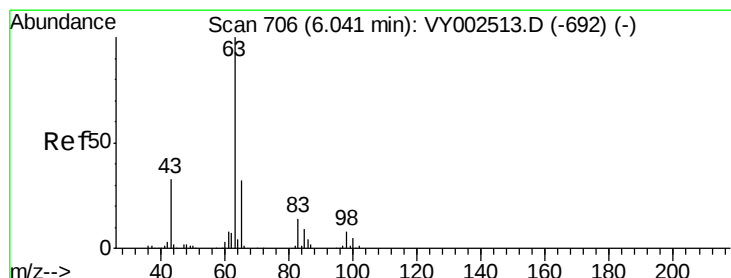
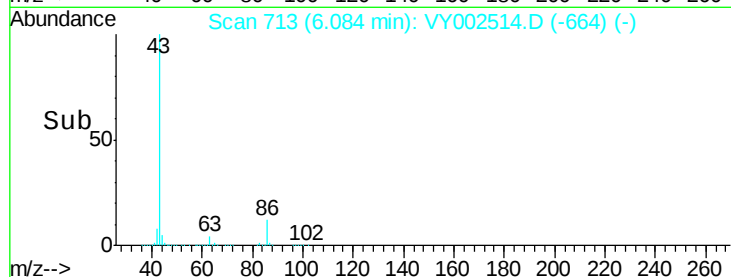
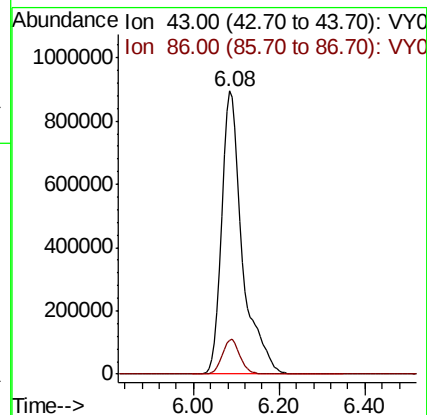
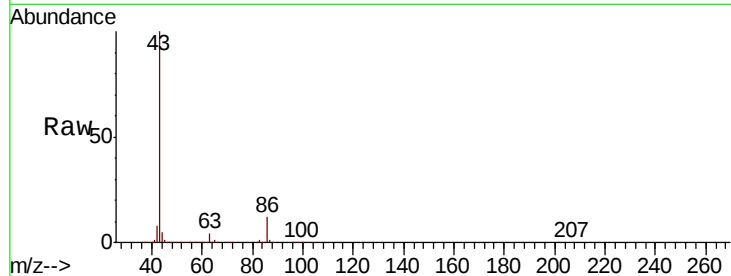
86 12.1 9.8 14.6

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#24

1,1-Dichloroethane

Concen: 102.810 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

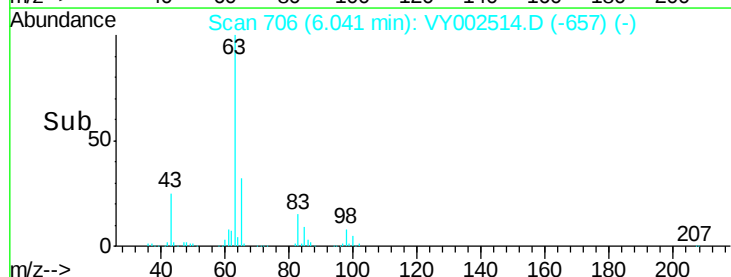
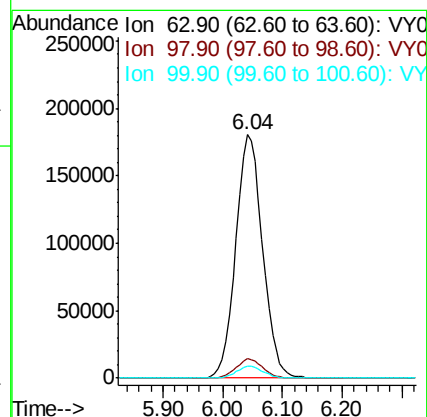
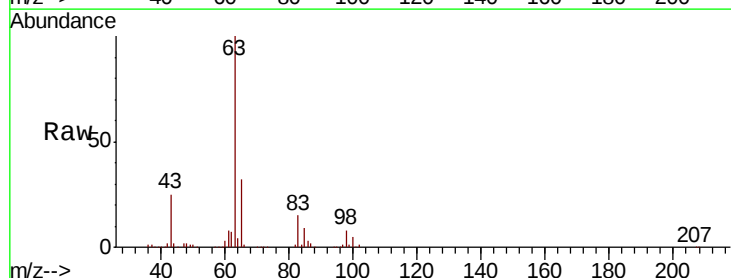
Tgt Ion: 63 Resp: 564398

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

100 4.8 2.4 7.2





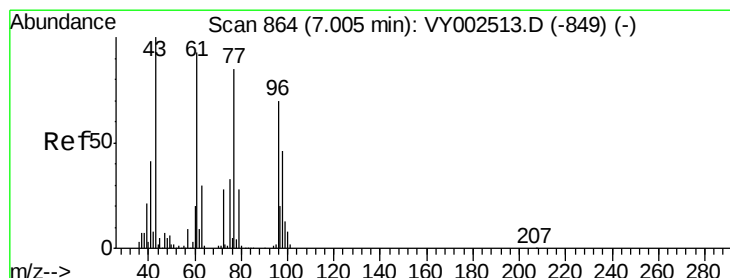
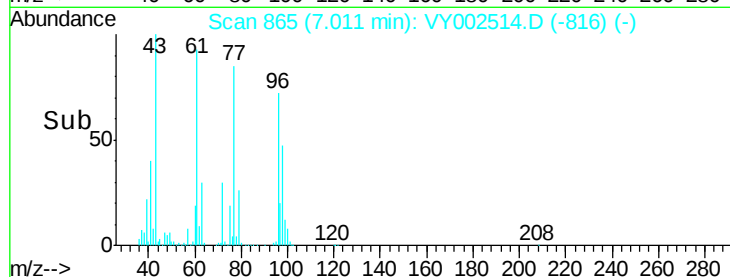
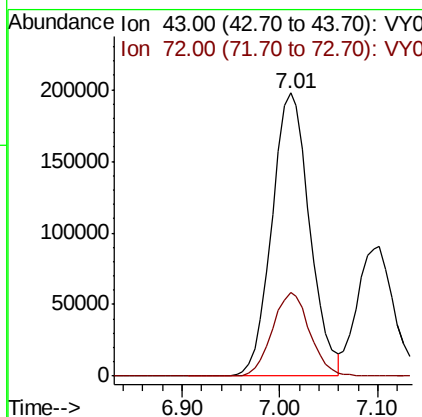
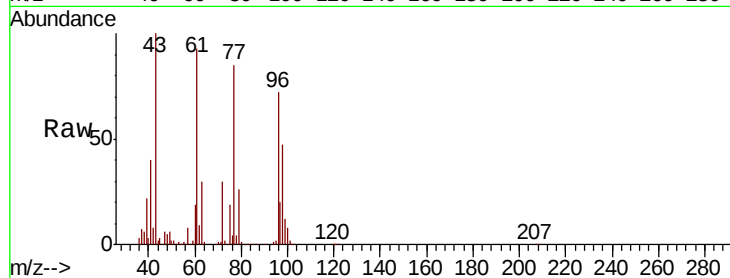
#25
2-Butanone
Concen: 513.444 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 533270
Ion Ratio Lower Upper
43 100
72 29.5 24.1 36.1

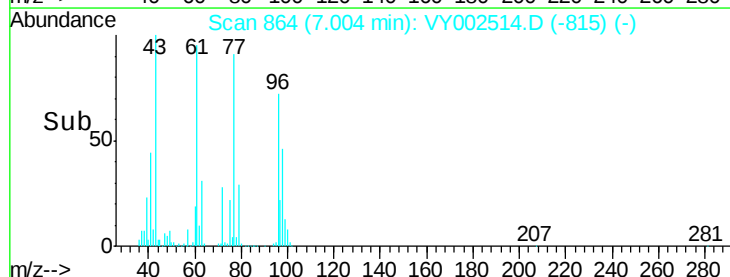
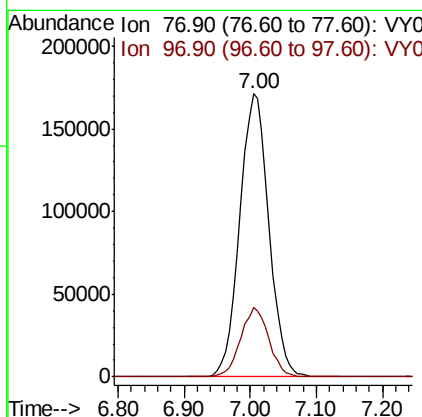
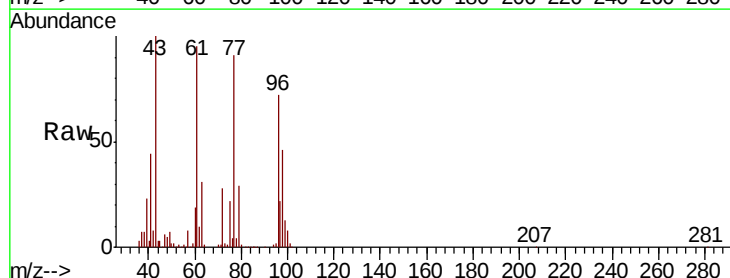
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#26
2,2-Dichloropropane
Concen: 100.333 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion: 77 Resp: 523551
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5





#27

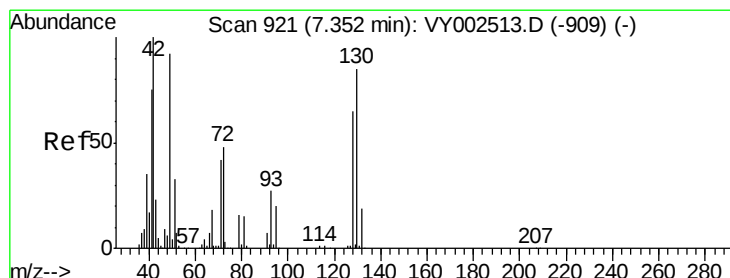
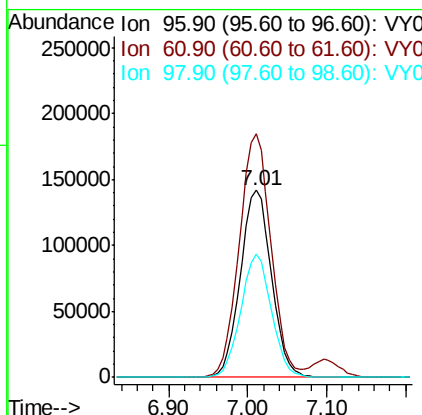
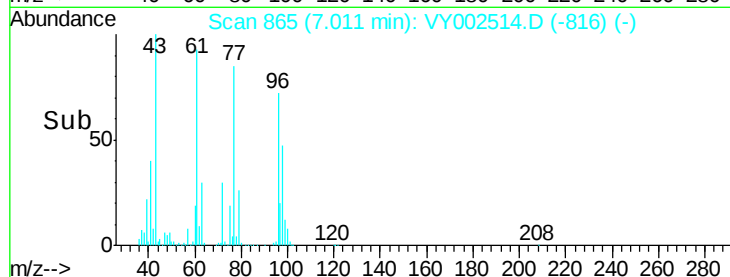
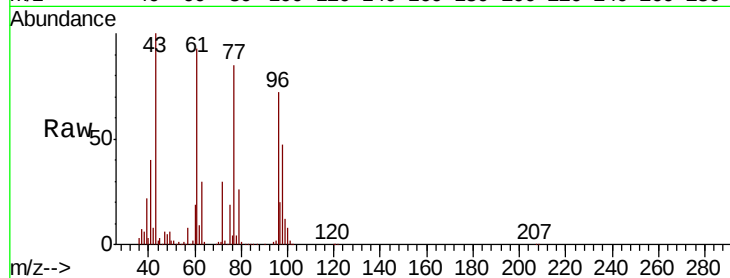
cis-1,2-Dichloroethene
Concen: 102.512 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	132.5	0.0	266.6	
98	64.8	0.0	129.2	

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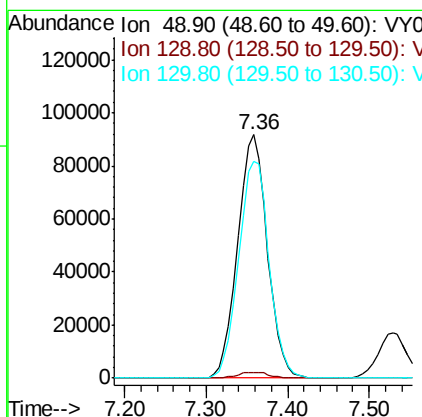
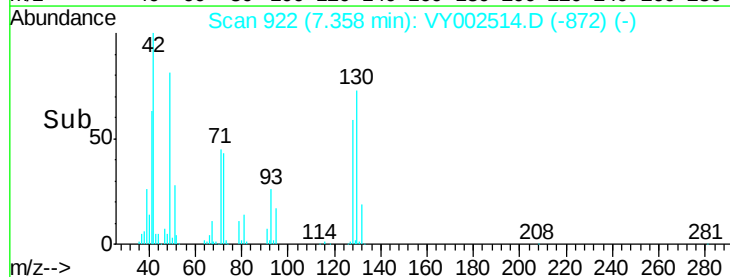
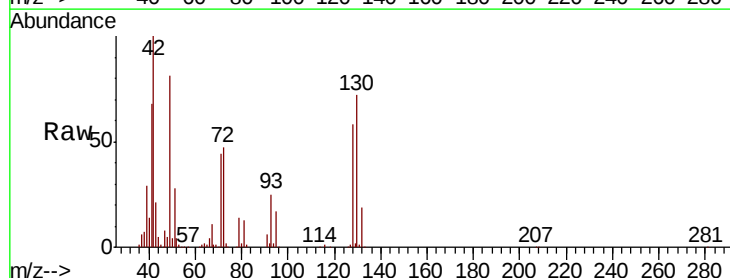
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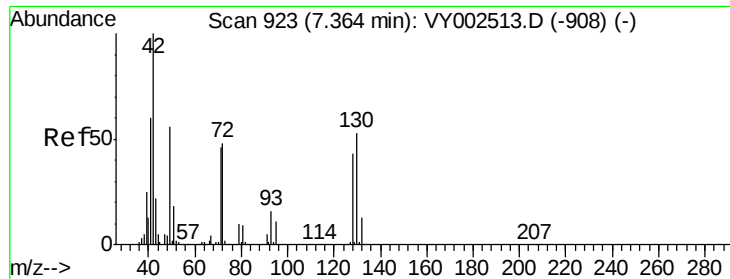


#28

Bromochloromethane
Concen: 102.486 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	4.8	
130	92.0	72.5	108.7	





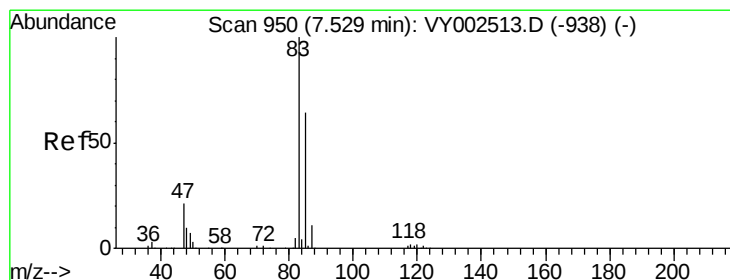
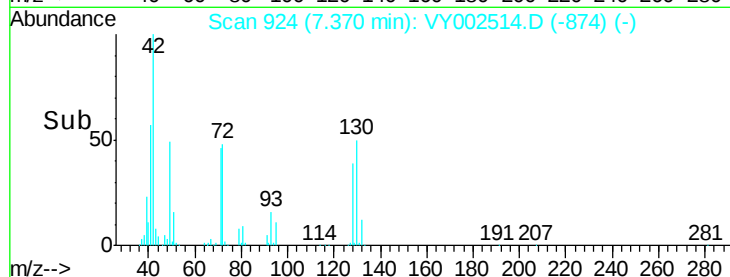
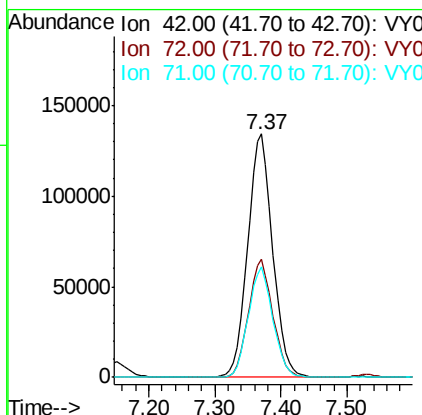
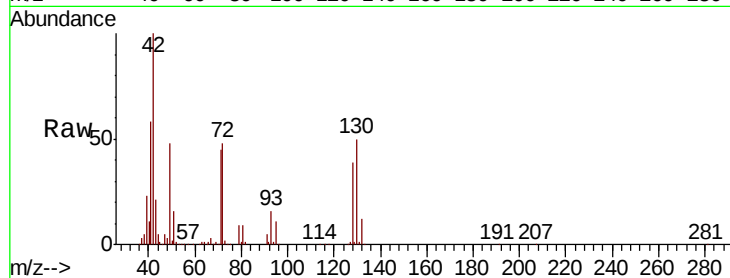
#29
Tetrahydrofuran
Concen: 514.114 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	37.4	56.2
71	44.5	35.0	52.4

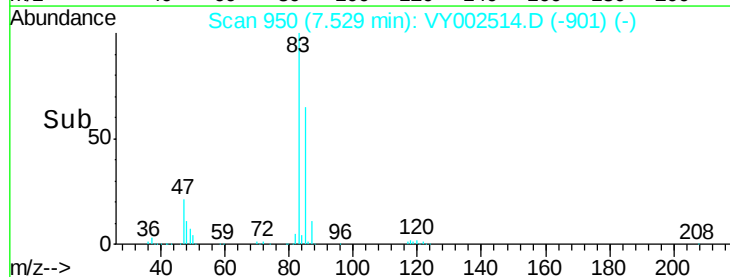
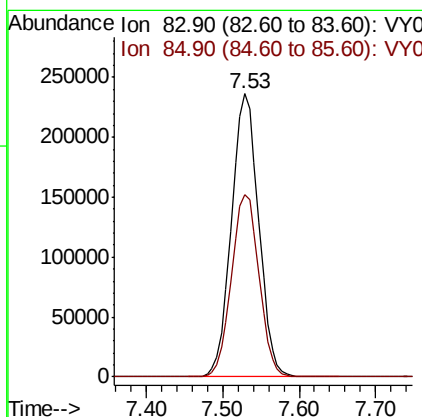
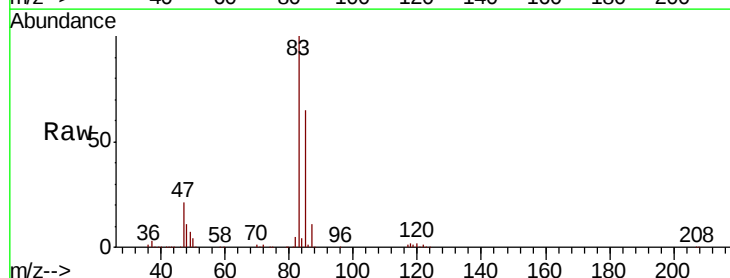
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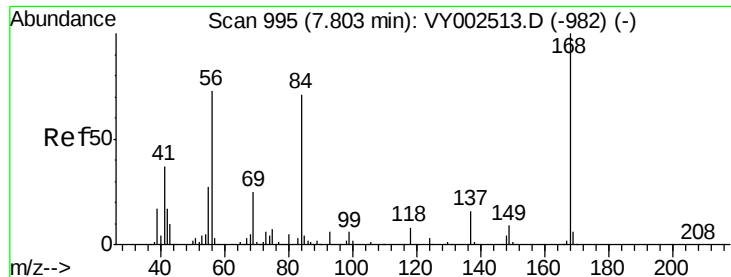
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#30
Chloroform
Concen: 101.946 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.5	77.3





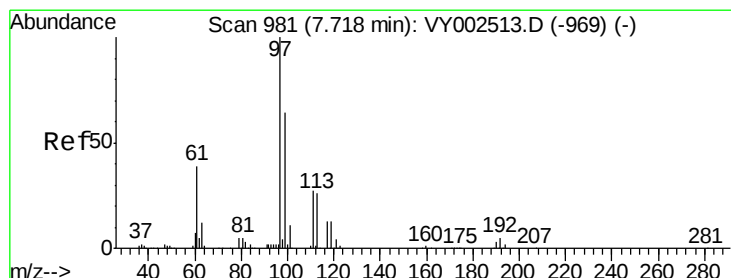
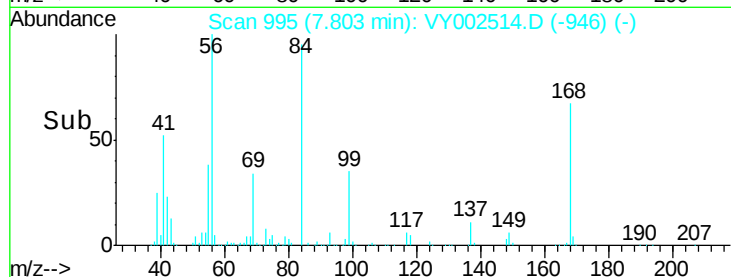
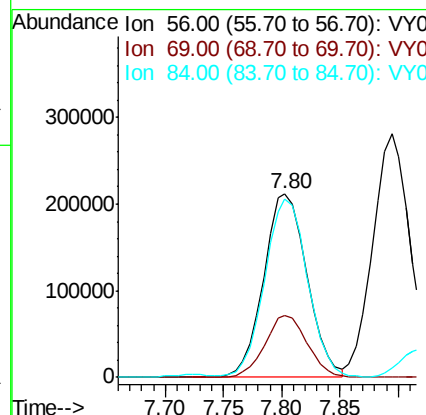
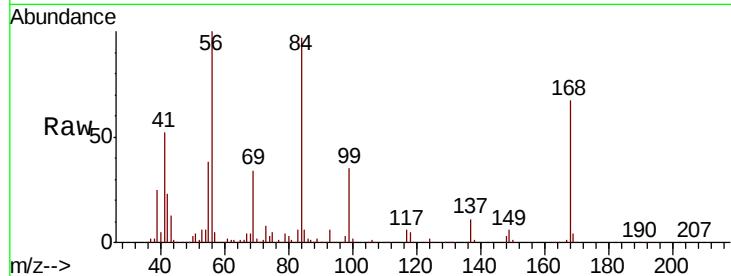
#31
Cyclohexane
Concen: 99.146 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.9	27.6	41.4
84	95.4	77.7	116.5

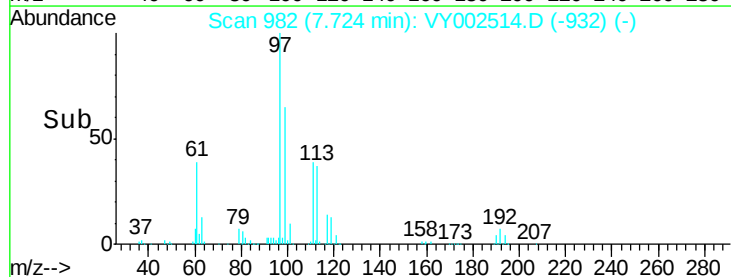
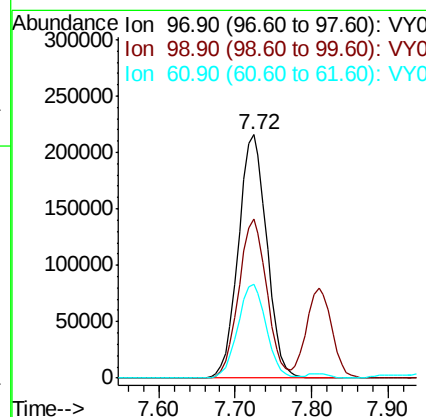
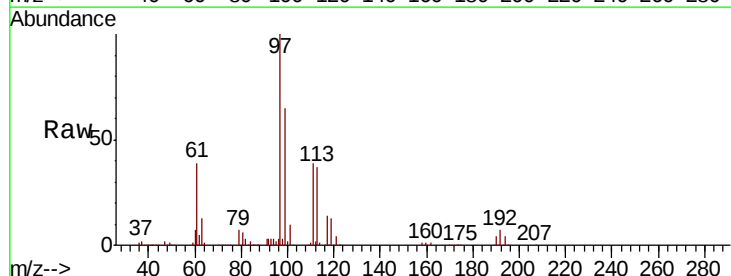
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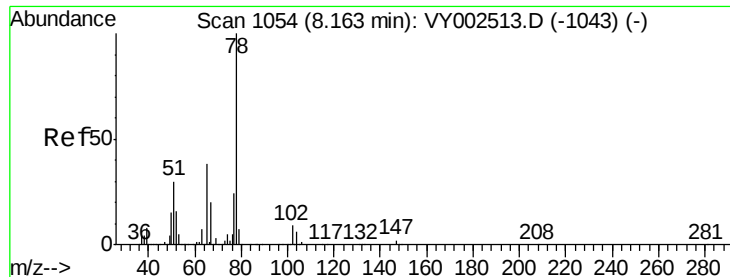
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#32
1,1,1-Trichloroethane
Concen: 104.399 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.9	77.9
61	38.5	31.0	46.6





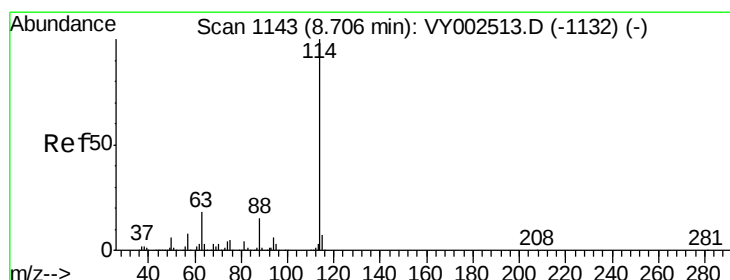
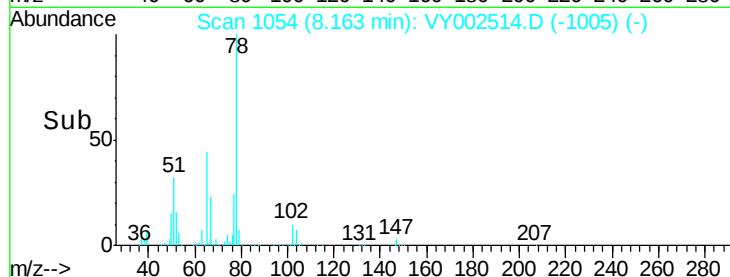
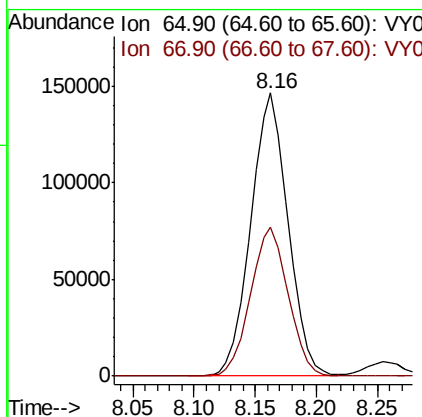
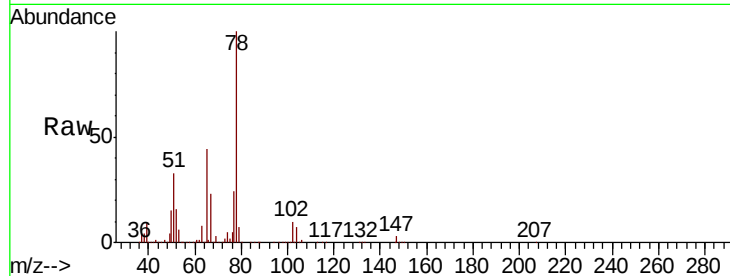
#33
 1,2-Dichloroethane-d4
 Concen: 100.995 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.2	0.0	107.2	

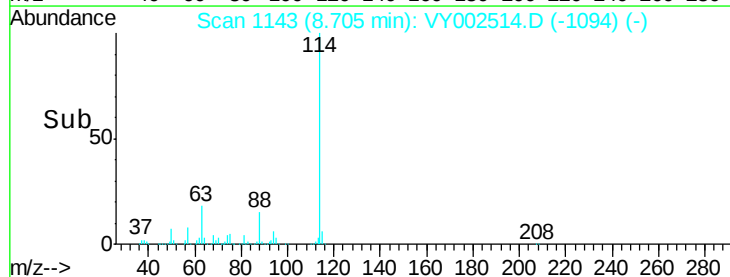
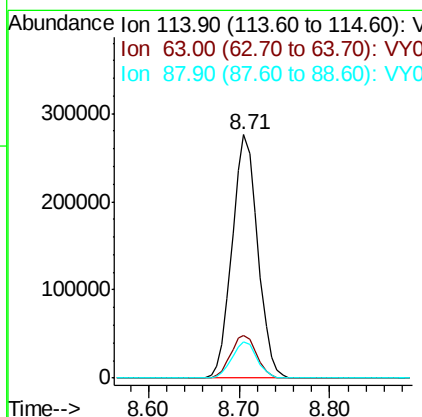
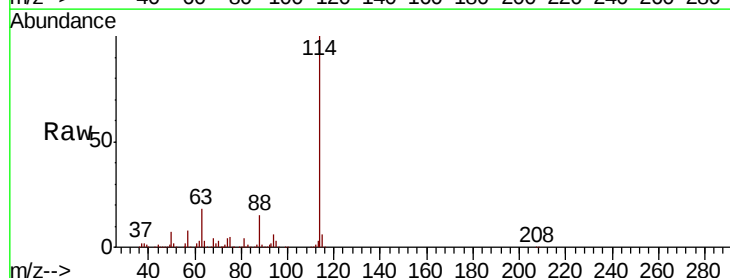
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.6	0.0	36.4	
88	14.8	0.0	29.6	





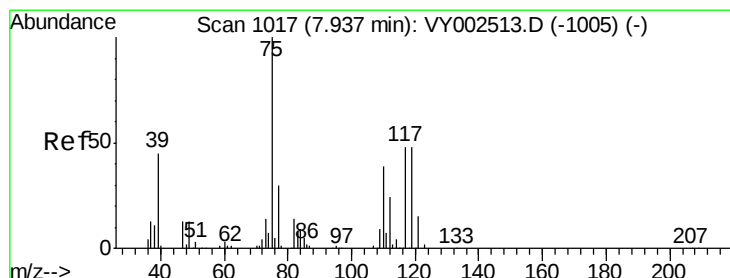
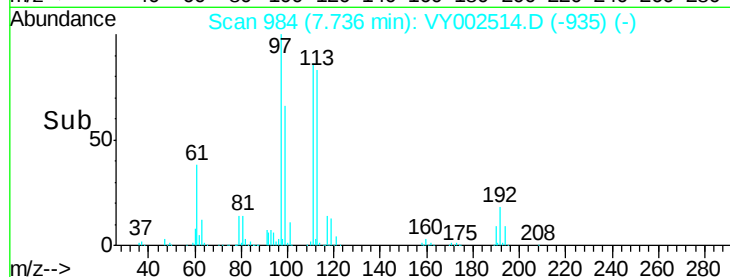
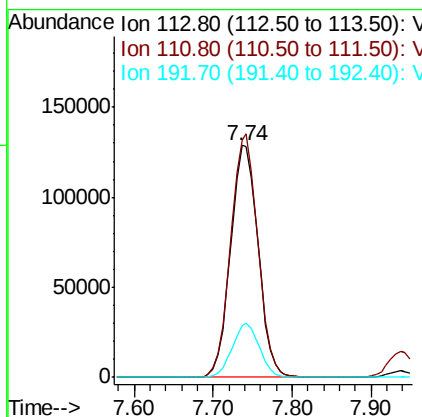
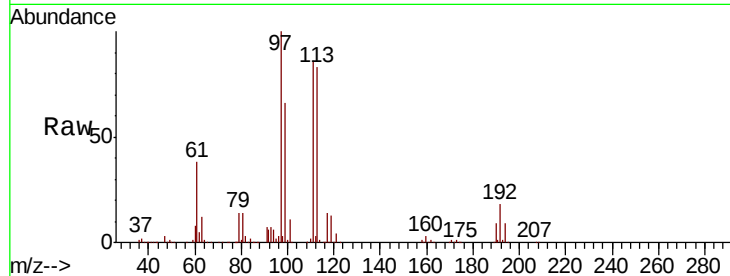
#35
 Dibromofluoromethane
 Concen: 101.381 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.6
192	22.7	18.2	27.4

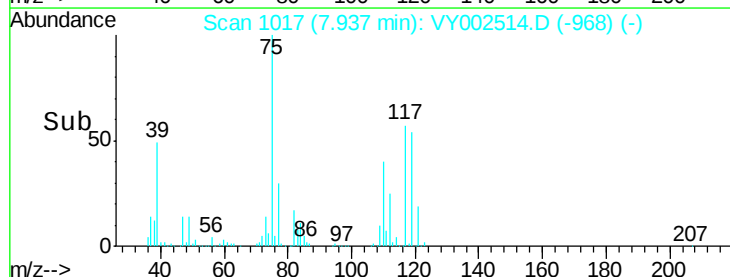
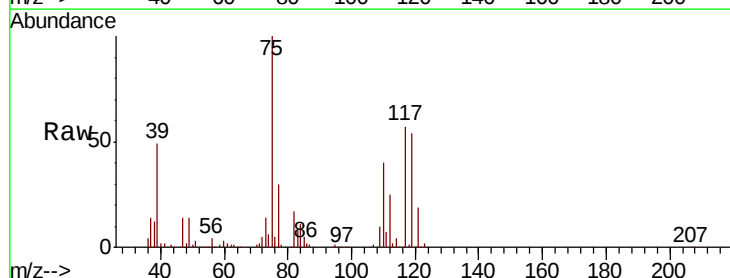
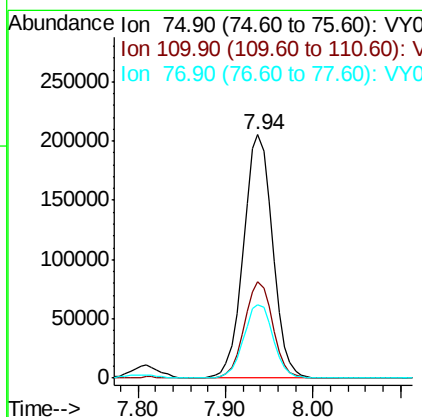
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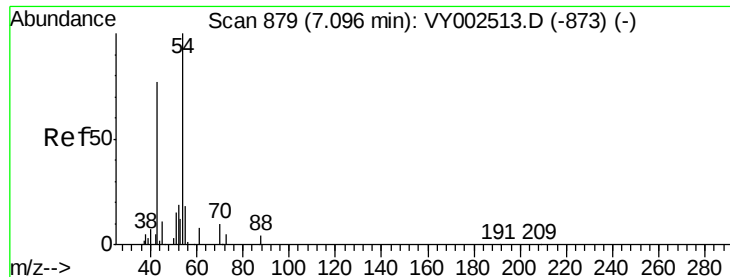
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#36
 1,1-Dichloropropene
 Concen: 104.448 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.1	57.3
77	30.9	24.6	37.0





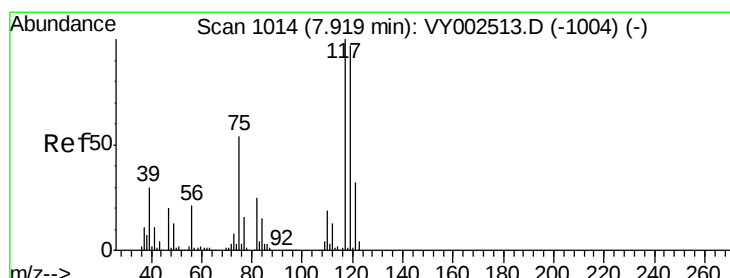
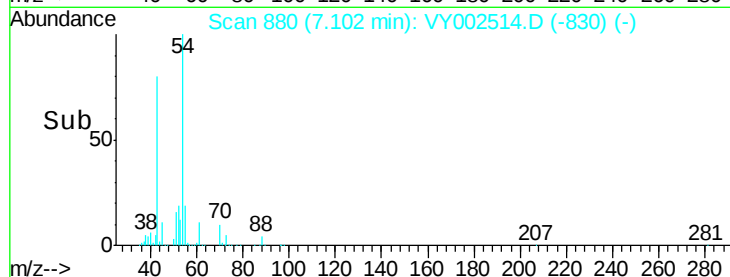
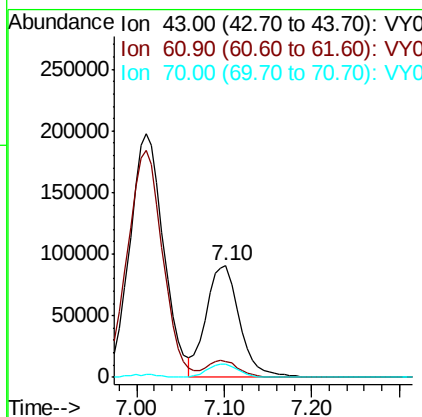
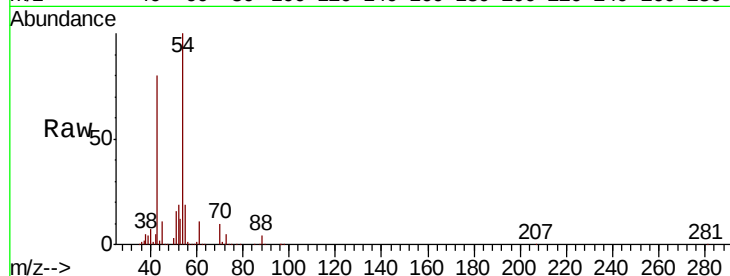
#37
Ethyl Acetate
Concen: 103.620 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	43	Resp	241119
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.6	17.4
70	11.4	9.0	13.6

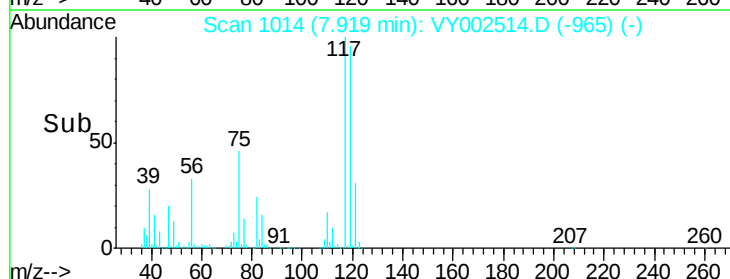
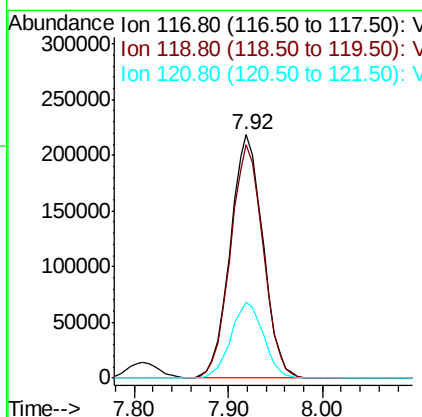
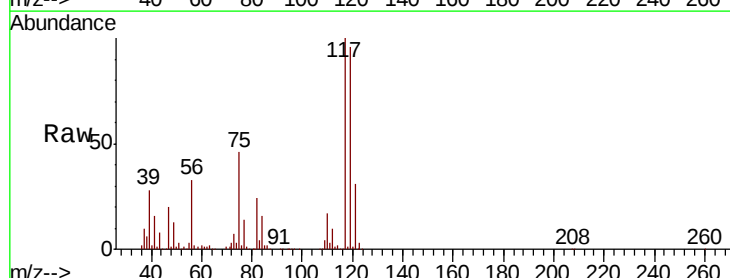
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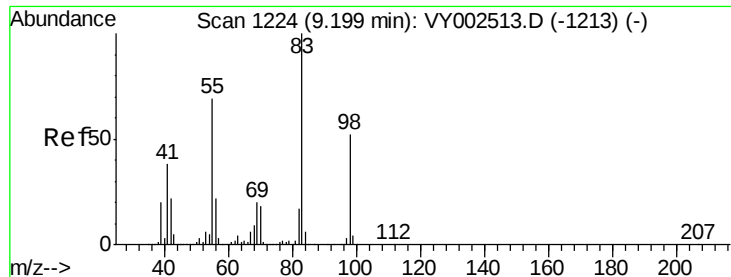
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#38
Carbon Tetrachloride
Concen: 106.473 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion	117	Resp	526372
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.1	115.7
121	31.0	25.2	37.8





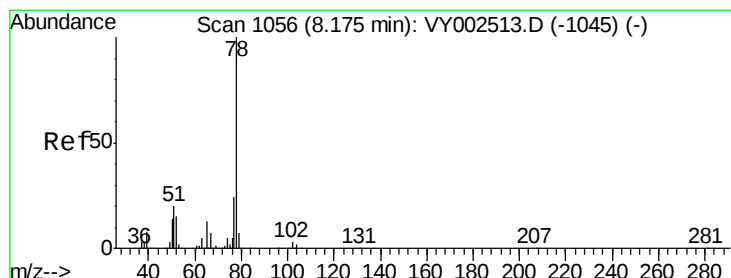
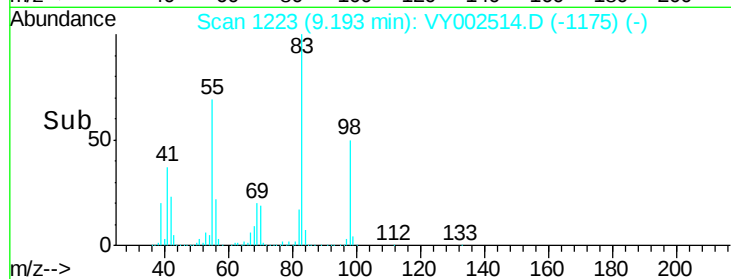
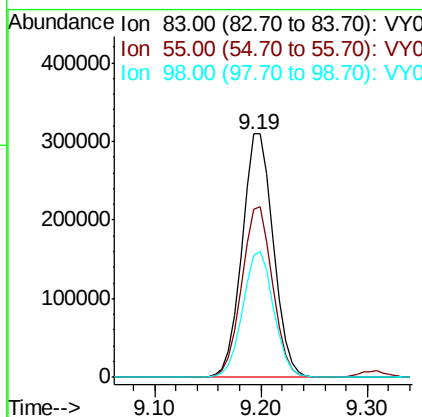
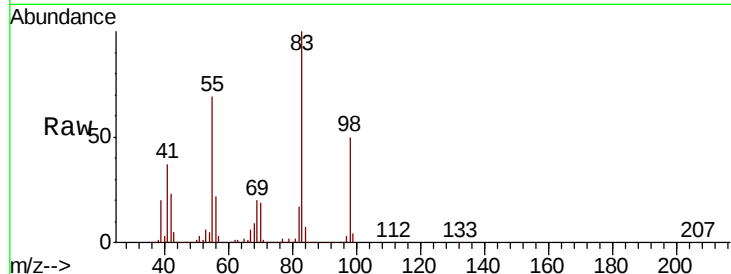
#39
Methvlcvclohexane
Concen: 106.884 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.9	55.4	83.0
98	50.1	41.3	61.9

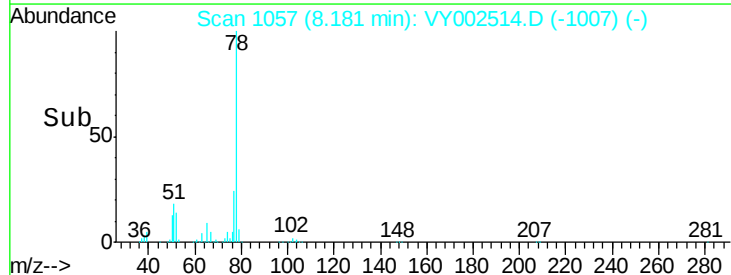
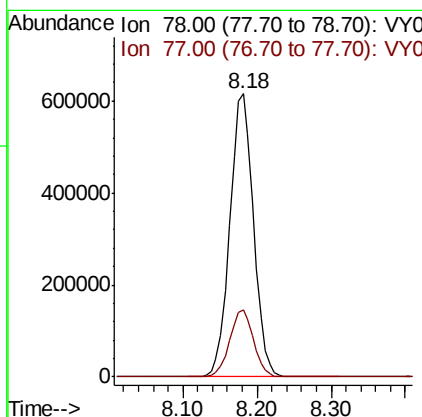
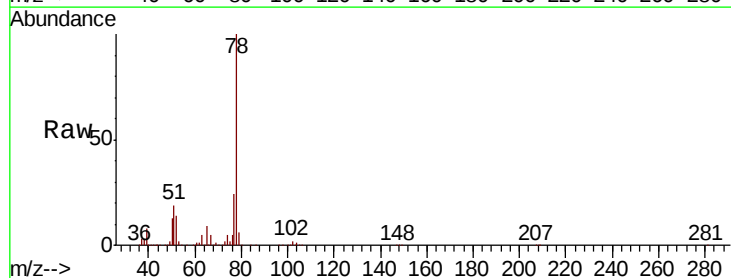
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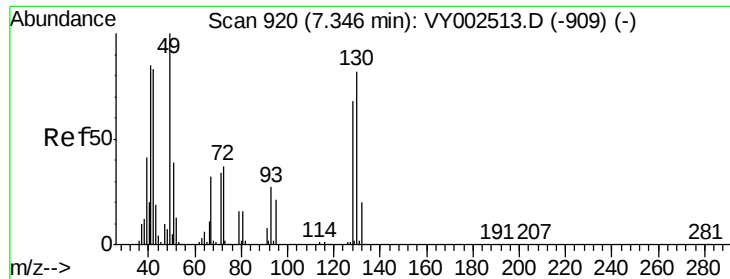
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#40
Benzene
Concen: 104.294 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





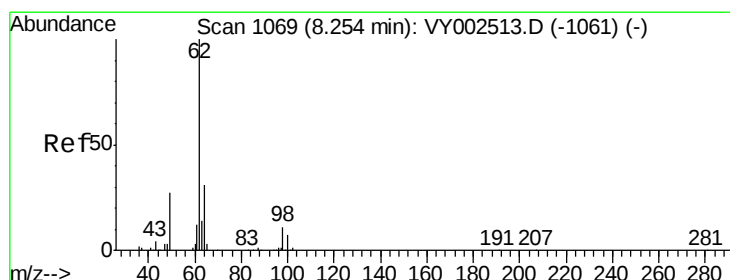
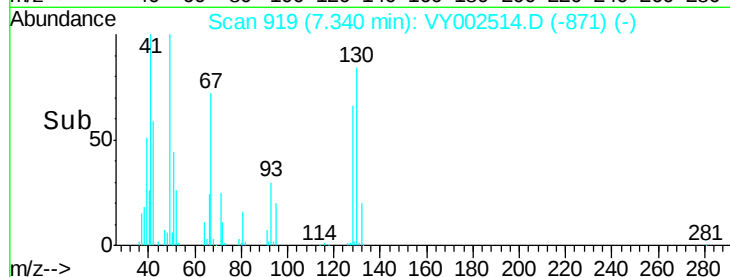
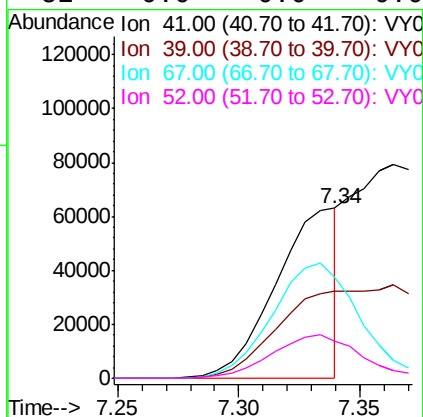
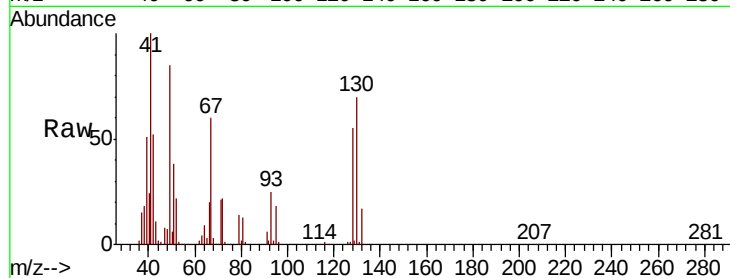
#41
Methacrylonitrile
Concen: 93.812 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	41	Resp	114109
Ion	Ratio	Lower	Upper
41	100		
39	131.7	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

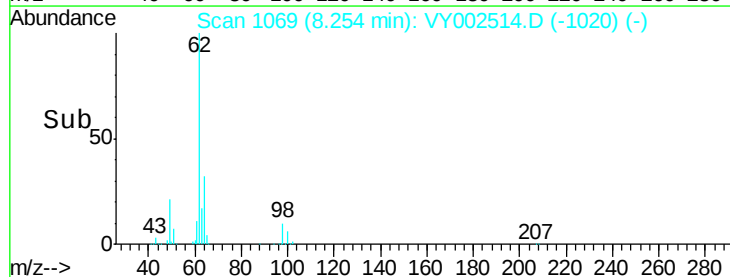
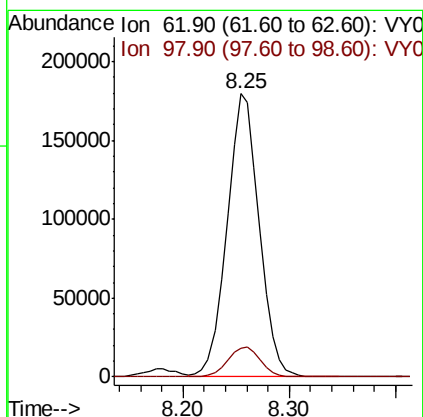
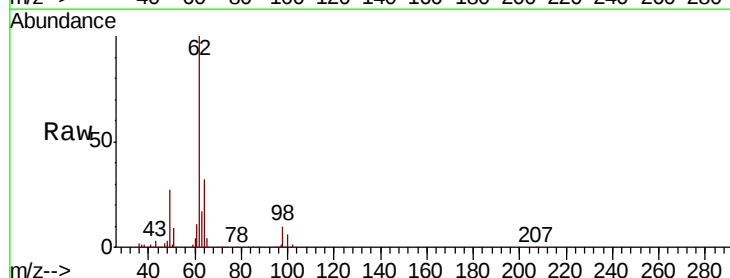
Manual Integrations
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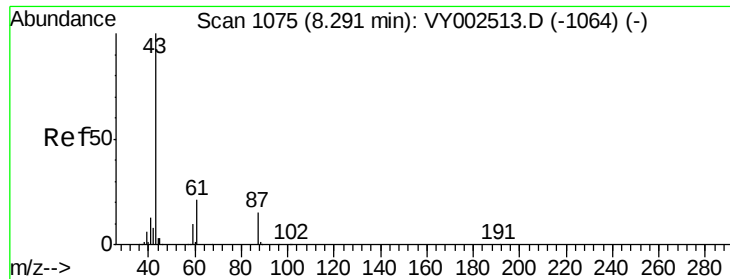
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#42
1,2-Dichloroethane
Concen: 103.156 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion	62	Resp	378430
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.0





#43

Isopropyl Acetate

Concen: 106.453 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

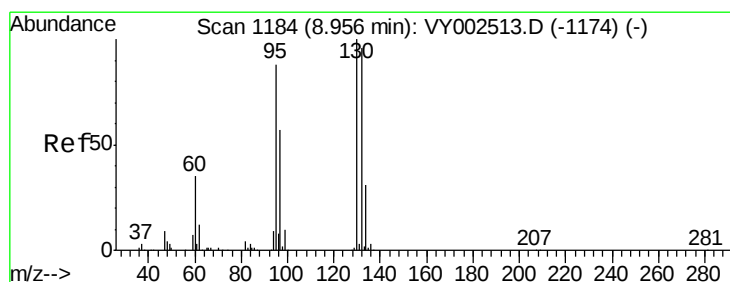
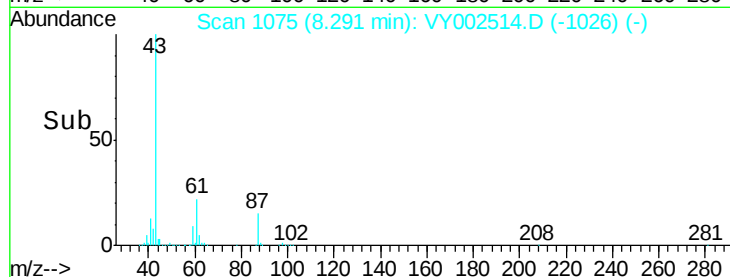
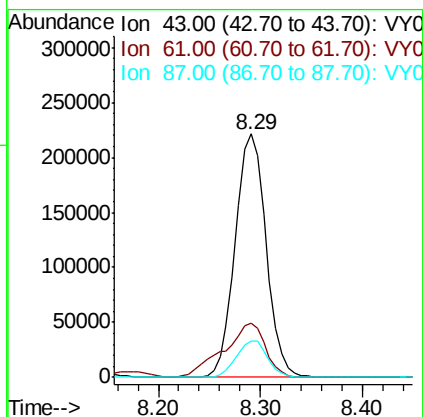
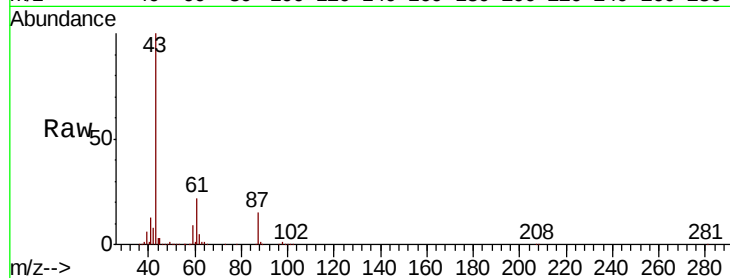
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	464389
Ion	Ratio	Lower	Upper
43	100		
61	30.5	24.8	37.2
87	15.1	12.2	18.2

Manual Integrations
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#44

Trichloroethene

Concen: 104.312 ug/l

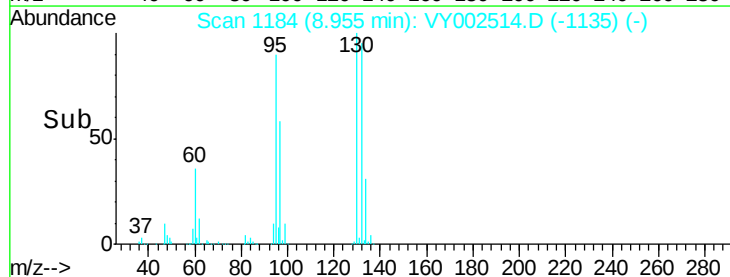
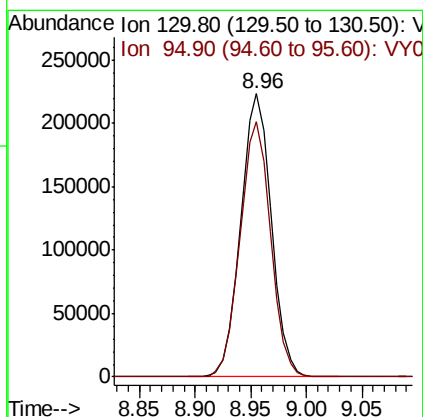
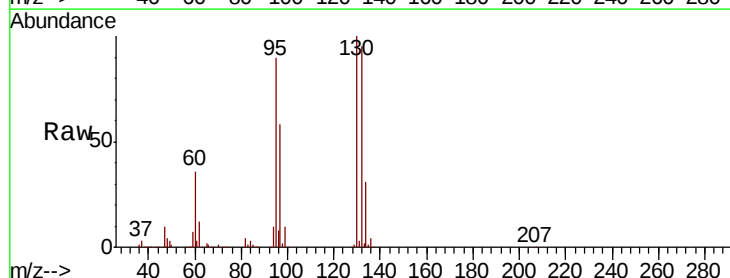
RT: 8.96 min Scan# 1184

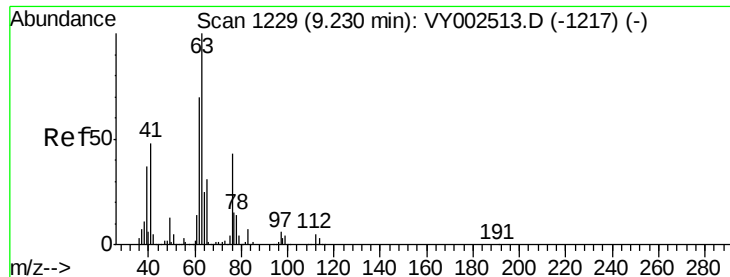
Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Tgt Ion:	130	Resp:	426345
Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	175.8





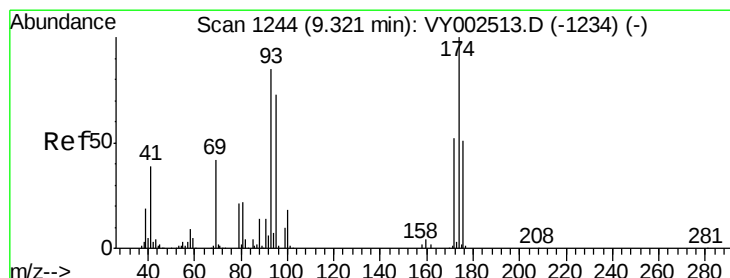
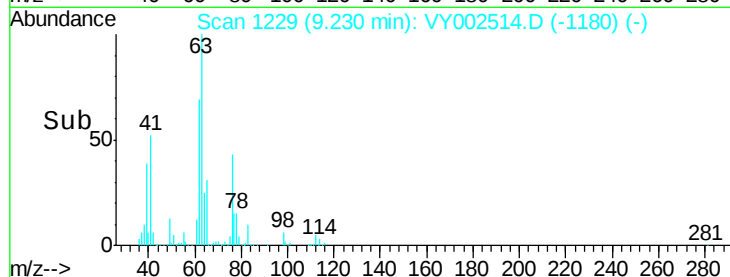
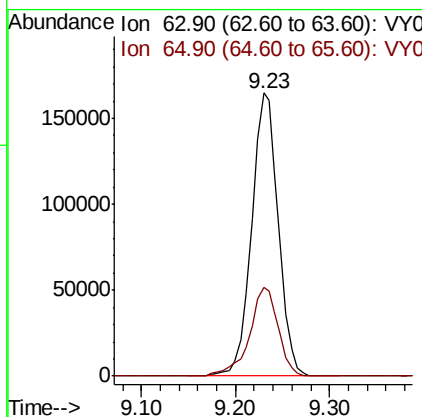
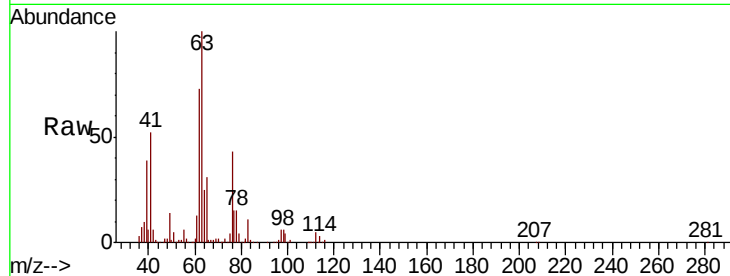
#45
 1,2-Dichloropropane
 Concen: 103.508 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.5	36.7

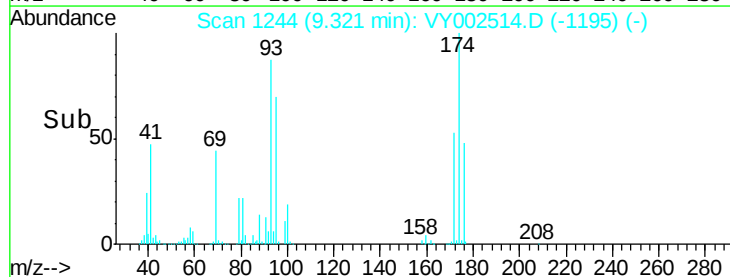
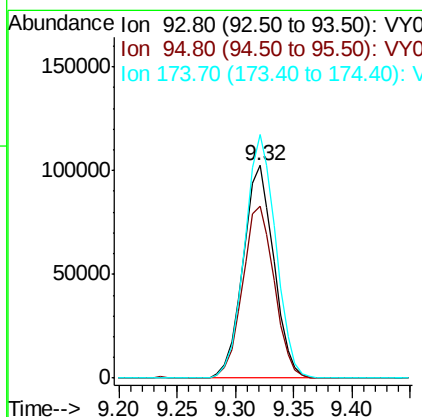
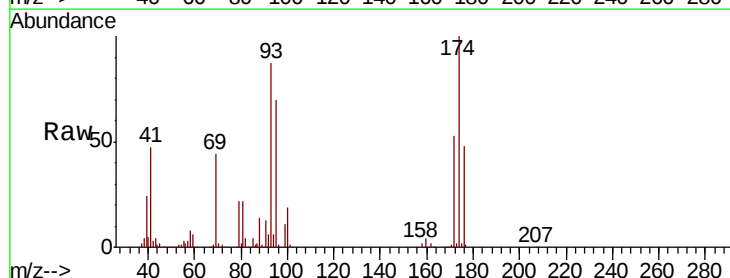
Manual Integrations
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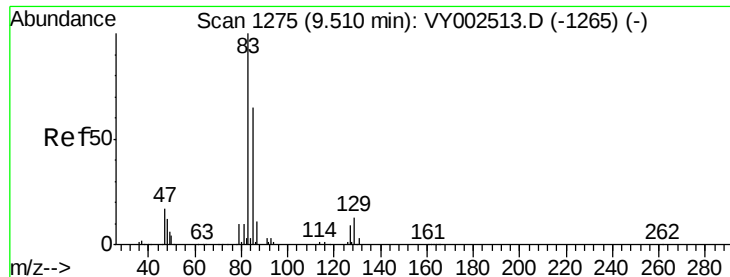
MMDadoda
 5/5/2020 4:31:11 PM



#46
 Dibromomethane
 Concen: 104.514 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	67.0	100.4
174	115.3	92.7	139.1





#47

Bromodichloromethane

Concen: 105.360 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

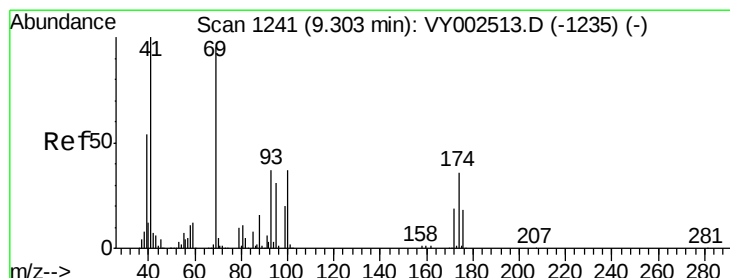
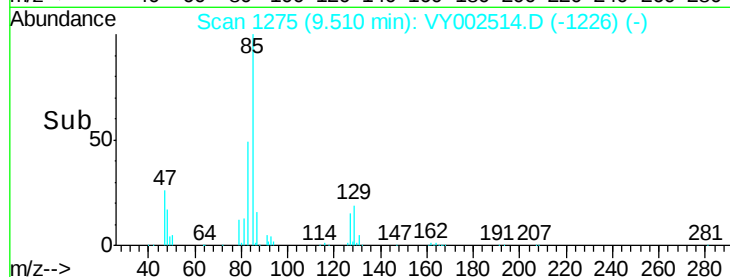
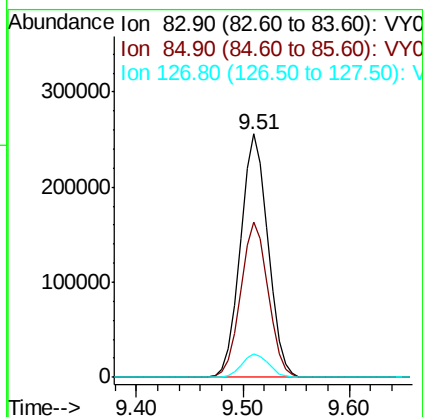
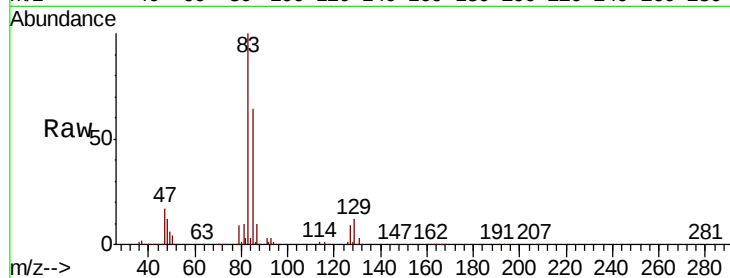
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	465254
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.8	77.8
127	9.5	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 106.809 ug/l

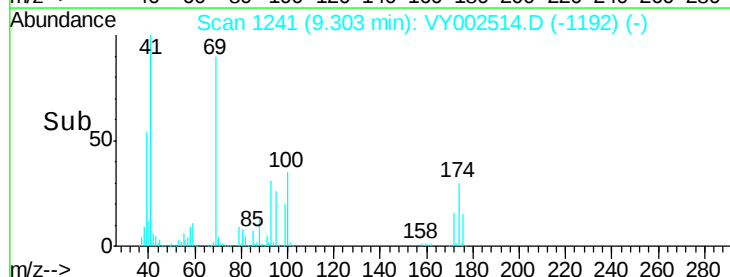
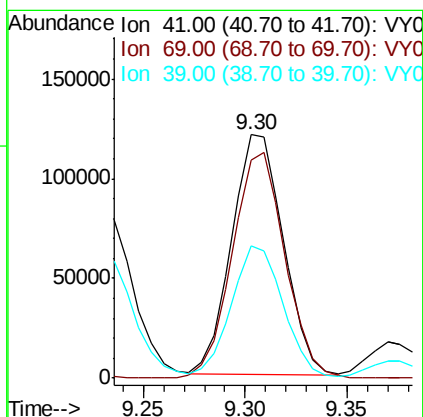
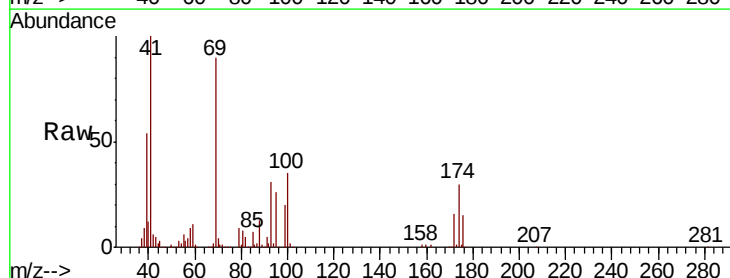
RT: 9.30 min Scan# 1241

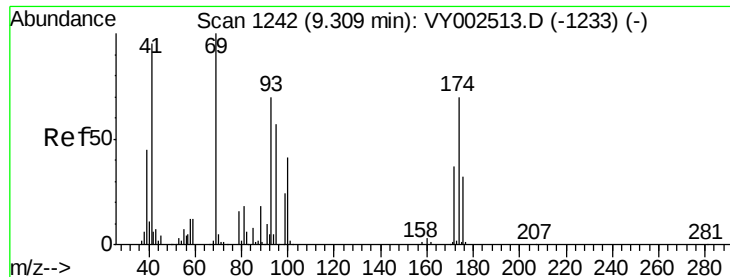
Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Tgt Ion:	41	Resp:	210869
Ion	Ratio	Lower	Upper
41	100		
69	96.4	76.2	114.4
39	53.9	42.7	64.1





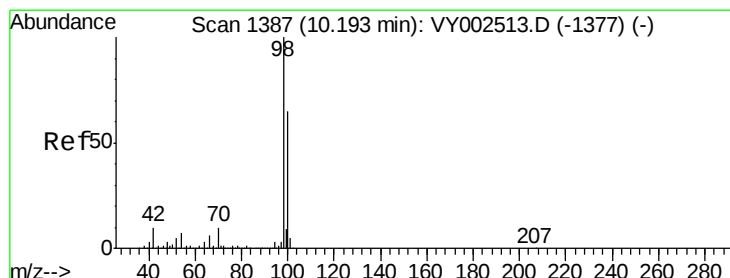
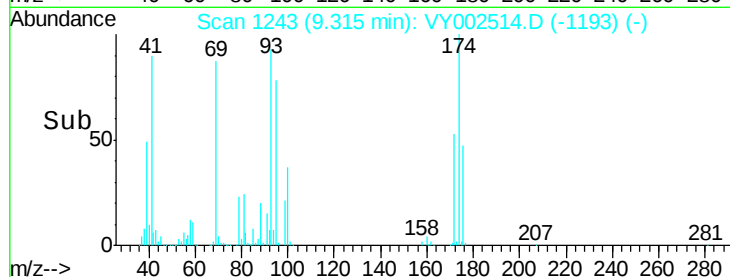
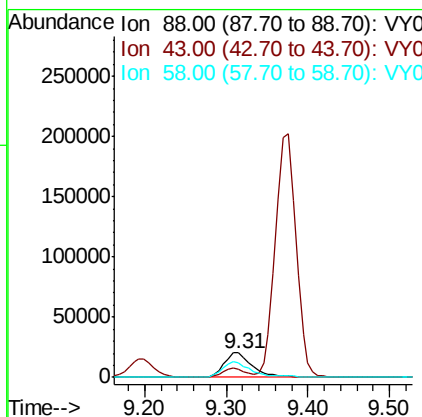
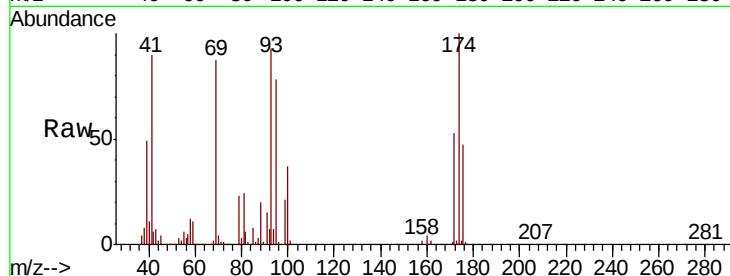
#49
1,4-Dioxane
Concen: 2076.142 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	88	Resp	49922
Ion	Ratio	Lower	Upper
88	100		
43	28.6	22.8	34.2
58	66.0	51.4	77.2

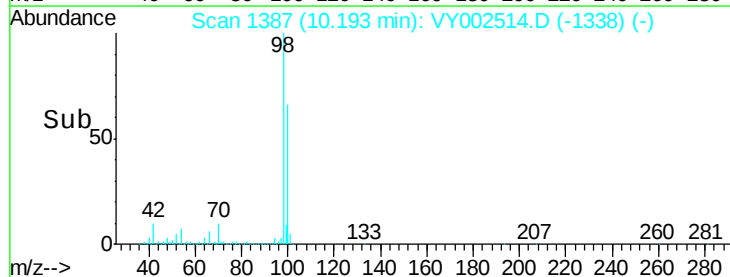
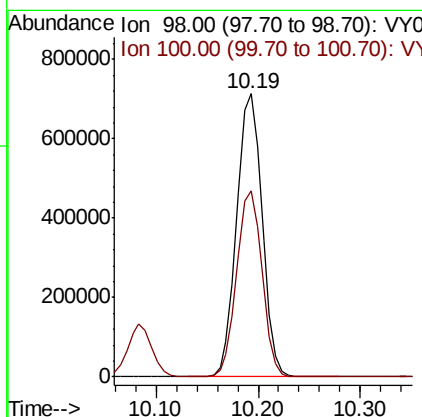
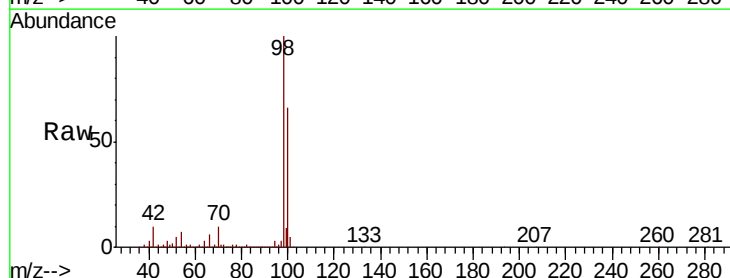
Manual Integrations
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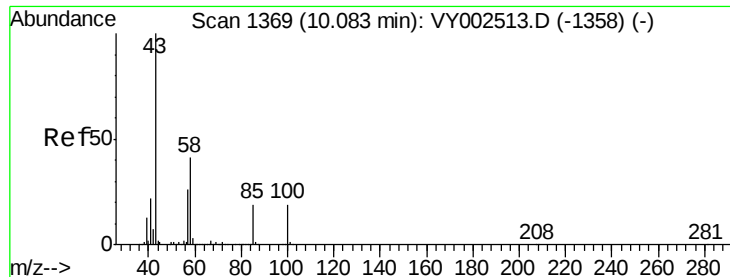
MMDadoda
5/5/2020 4:31:11 PM



#50
Toluene-d8
Concen: 101.855 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion	98	Resp	1228755
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 524.313 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tot Ion: 43 Resp: 1178934

Ion Ratio Lower Upper

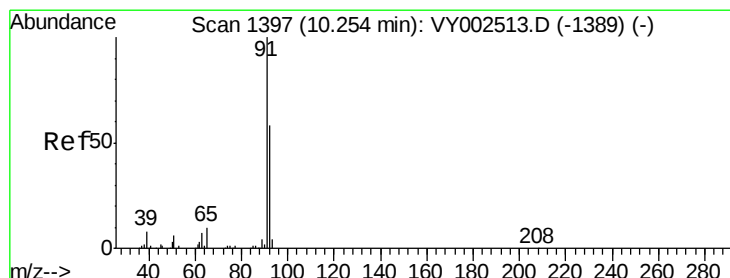
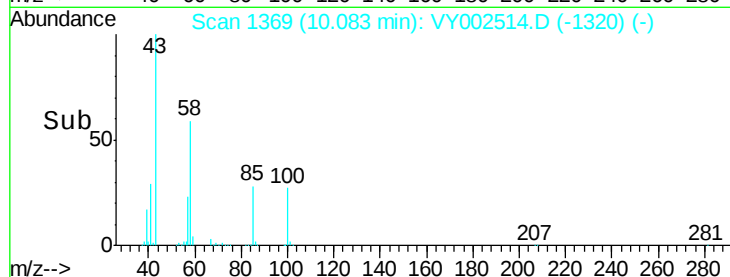
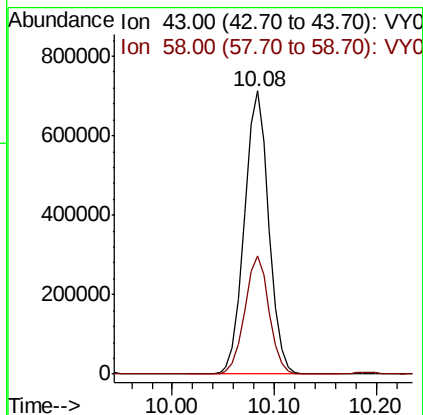
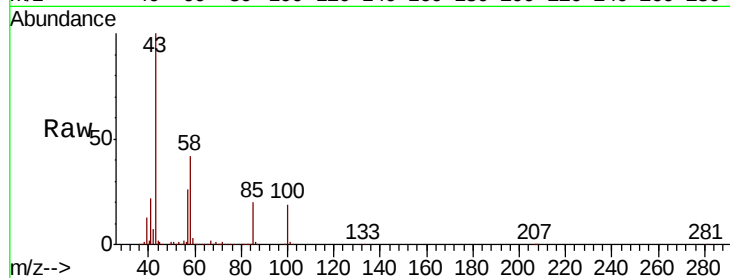
43 100

58 41.8 33.2 49.8

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#52

Toluene

Concen: 104.296 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY002514.D

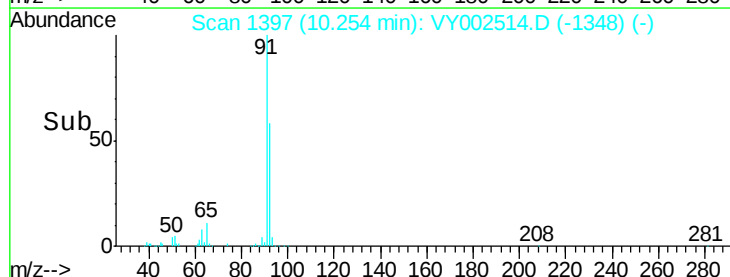
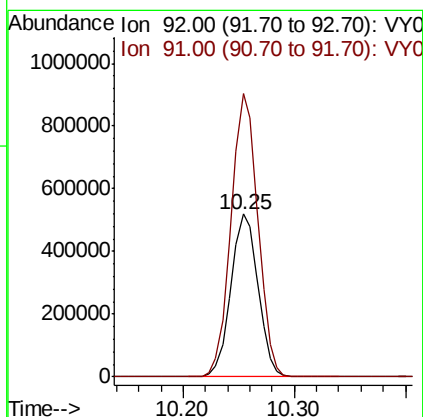
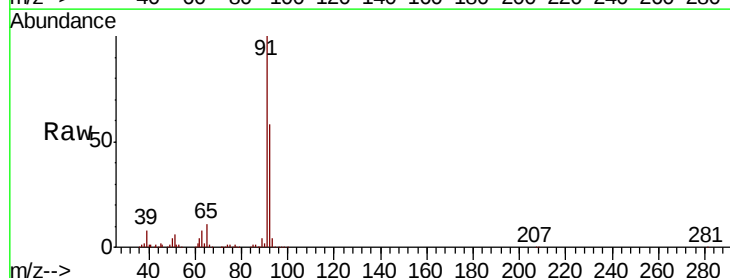
Acq: 30 Apr 2020 15:44

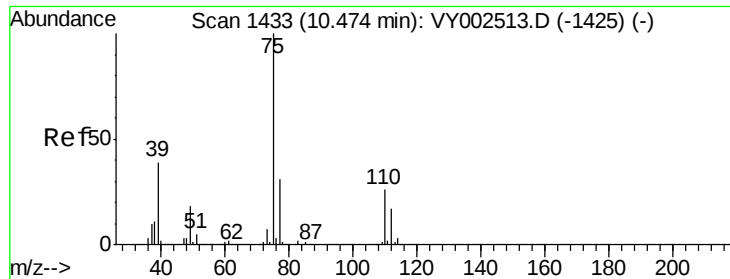
Tgt Ion: 92 Resp: 876634

Ion Ratio Lower Upper

92 100

91 172.3 139.3 208.9





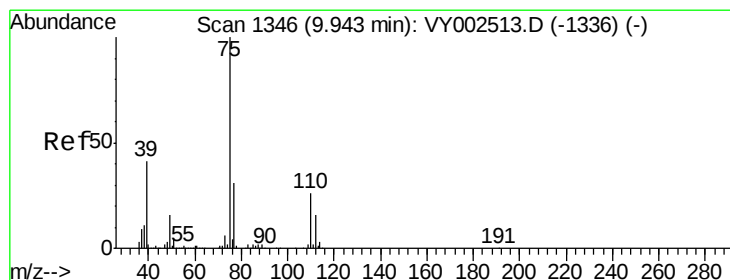
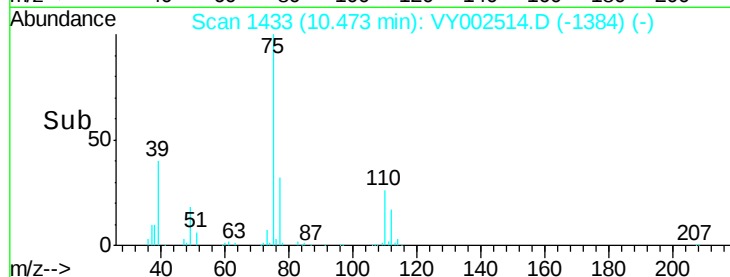
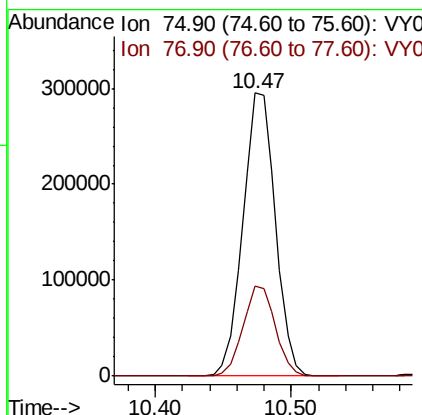
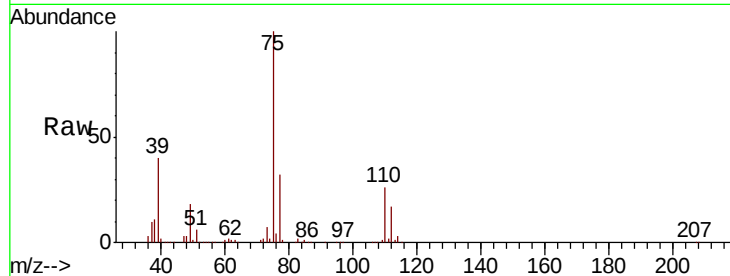
#53
 t-1,3-Dichloropropene
 Concen: 106.364 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 75 Resp: 492116
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.6

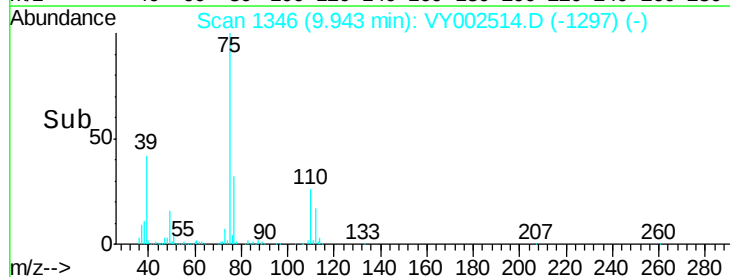
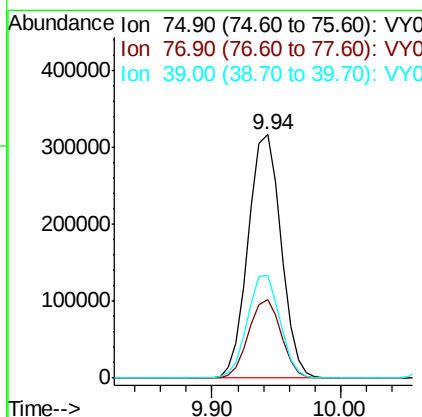
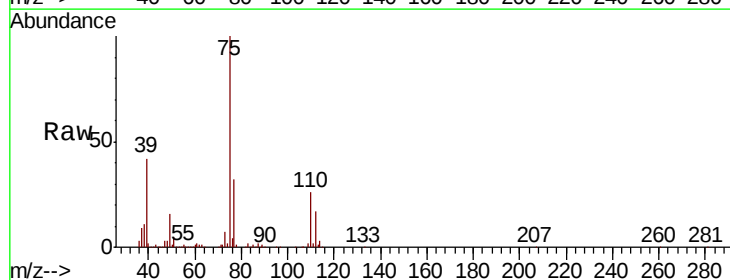
Manual Integrations
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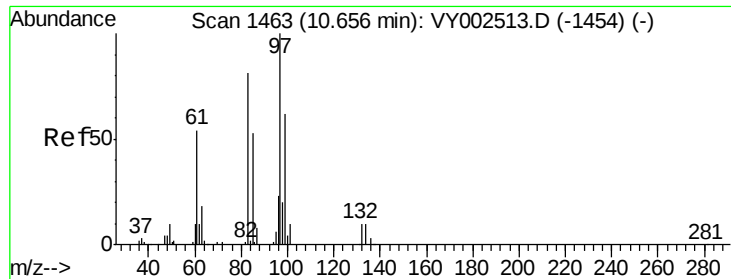
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 104.526 ug/l
 RT: 9.94 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Tgt Ion: 75 Resp: 559084
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.1 37.7
 39 42.2 32.7 49.1





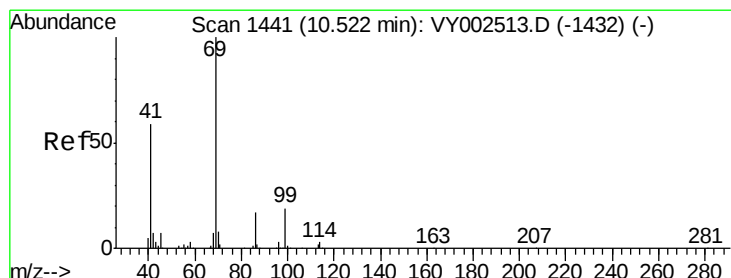
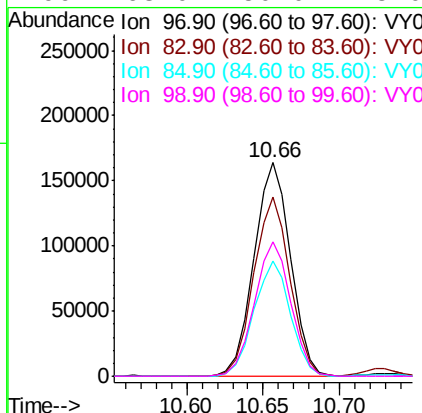
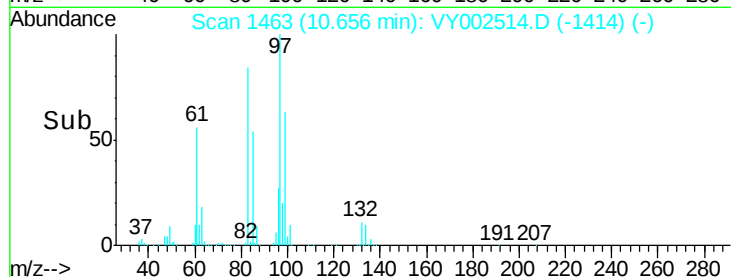
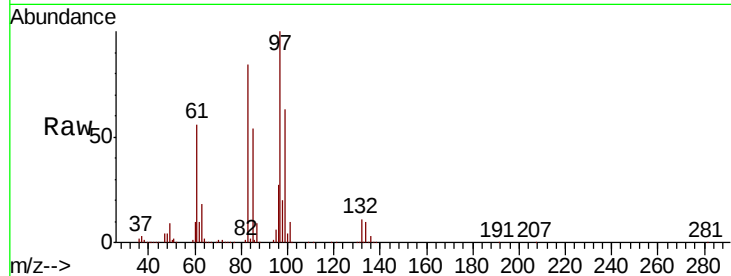
#55
 1,1,2-Trichloroethane
 Concen: 102.849 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	272381
Ion	Ratio	Lower	Upper
97	100		
83	84.0	65.1	97.7
85	53.7	42.7	64.1
99	63.0	50.0	75.0

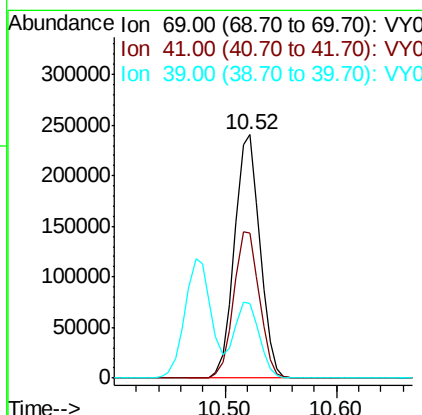
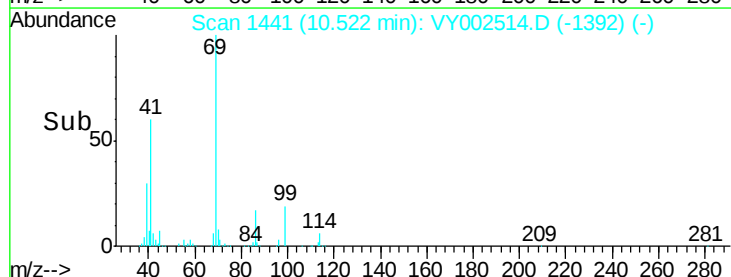
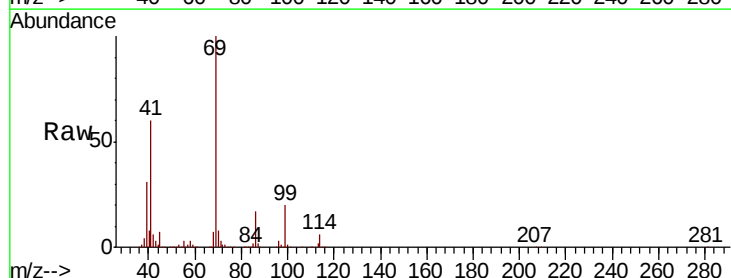
Manual Integrations
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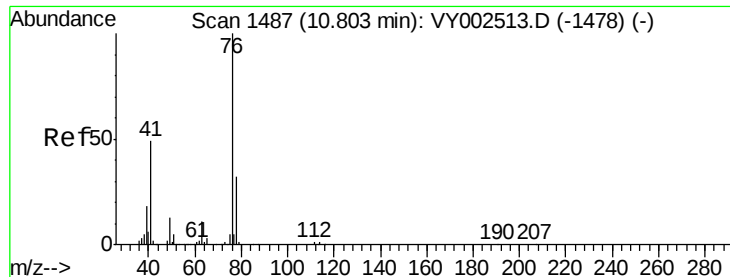
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 107.708 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Tgt Ion:	69	Resp:	379471
Ion	Ratio	Lower	Upper
69	100		
41	60.7	48.6	73.0
39	31.0	25.0	37.4





#57

1,3-Dichloropropane

Concen: 103.624 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 465394

Ion Ratio Lower Upper

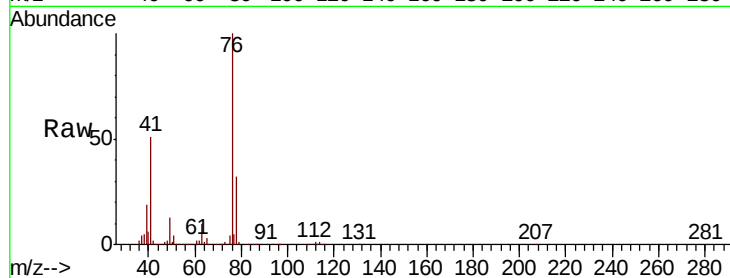
76 100

78 32.4 25.4 38.2

Manual Integrations
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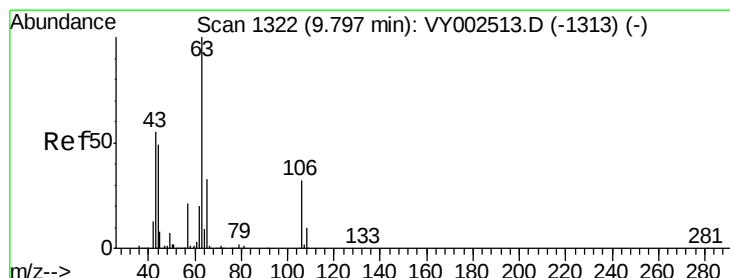
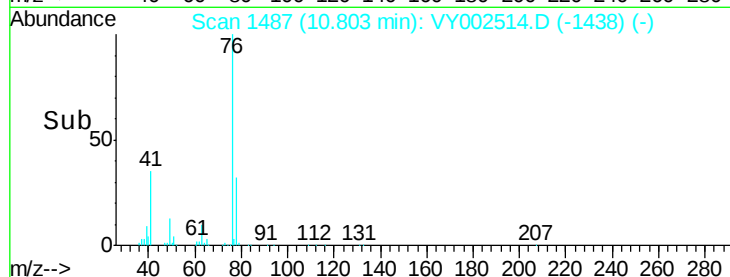
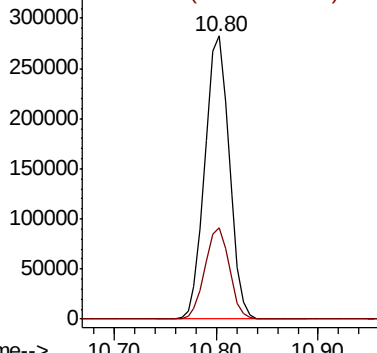
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 507.374 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VY002514.D

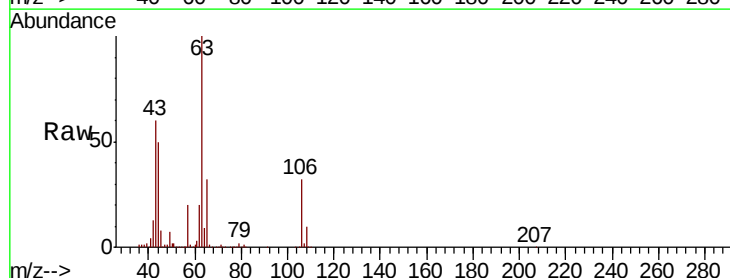
Acq: 30 Apr 2020 15:44

Tgt Ion: 63 Resp: 942670

Ion Ratio Lower Upper

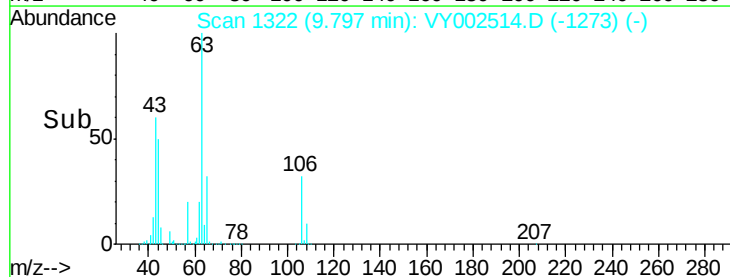
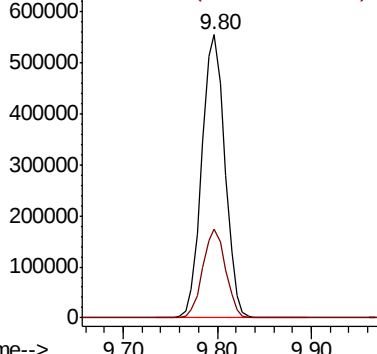
63 100

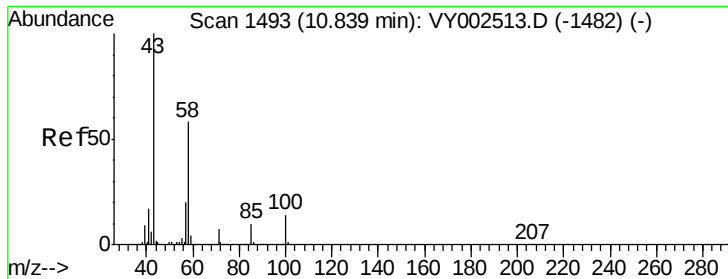
106 31.1 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





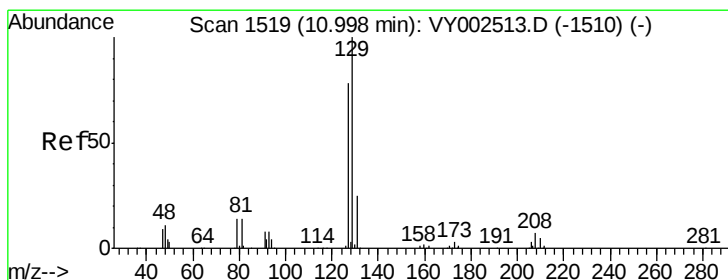
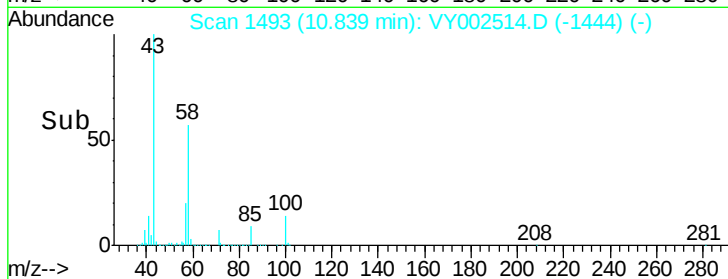
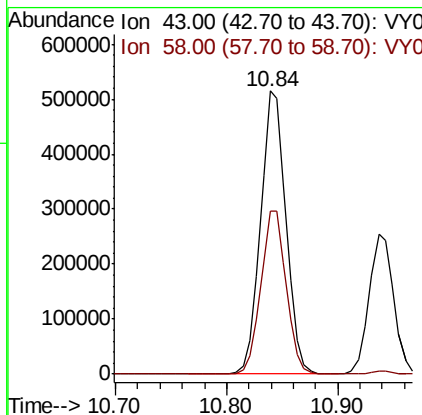
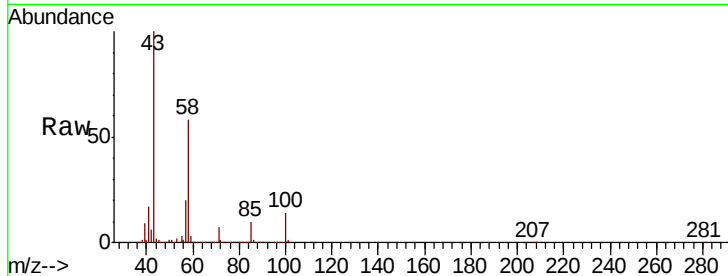
#59
2-Hexanone
Concen: 530.268 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tot Ion: 43 Resp: 820639
Ion Ratio Lower Upper
43 100
58 57.7 29.1 87.3

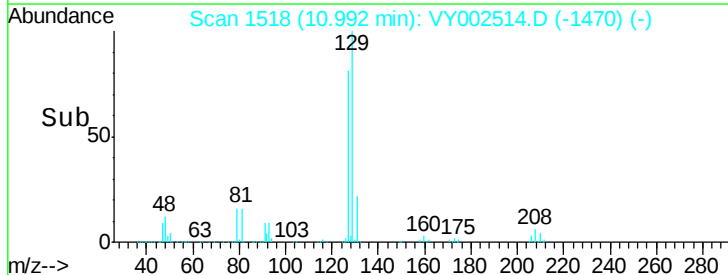
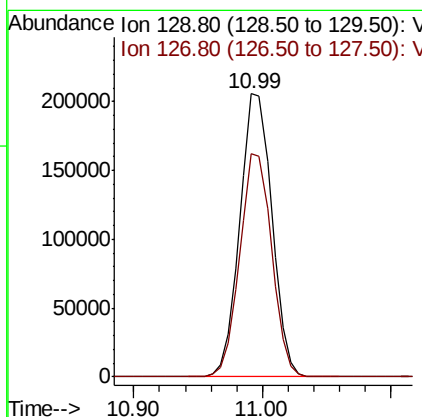
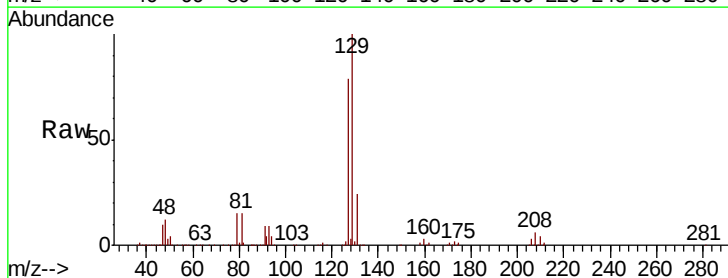
Manual Integrations
APPROVED

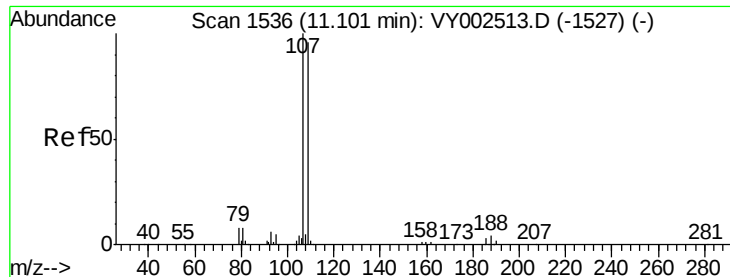
MMDadoda
5/5/2020 4:31:11 PM



#60
Dibromochloromethane
Concen: 105.279 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion: 129 Resp: 354619
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0





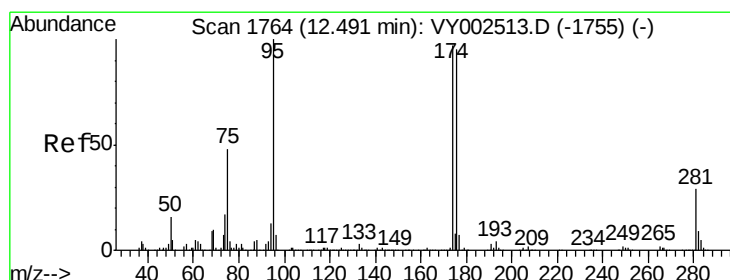
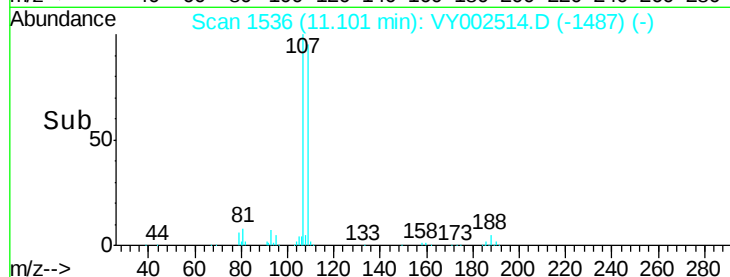
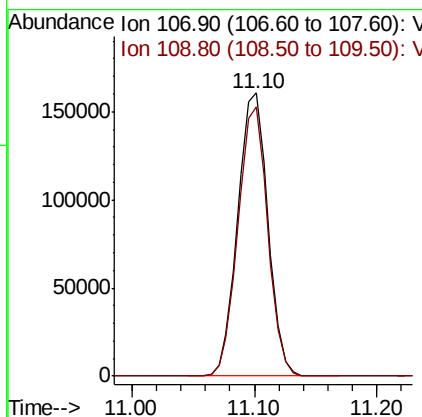
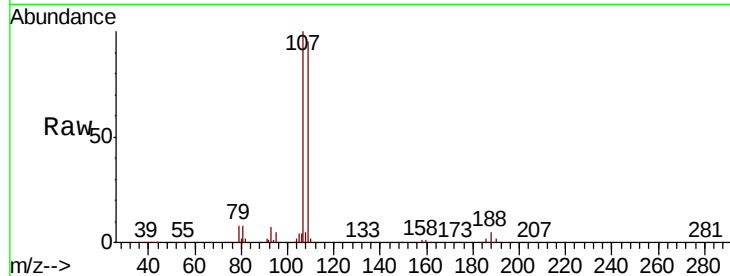
#61
1,2-Dibromoethane
Concen: 104.542 ug/l
RT: 11.10 min Scan# 1536
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.8	113.8

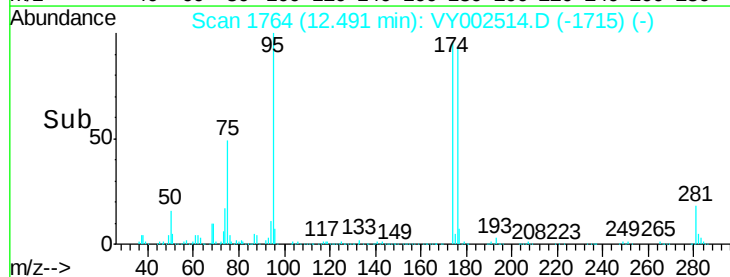
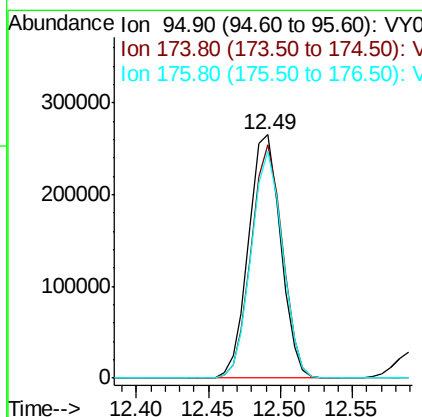
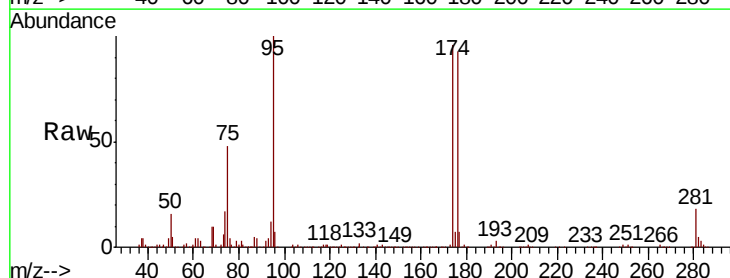
Manual Integrations
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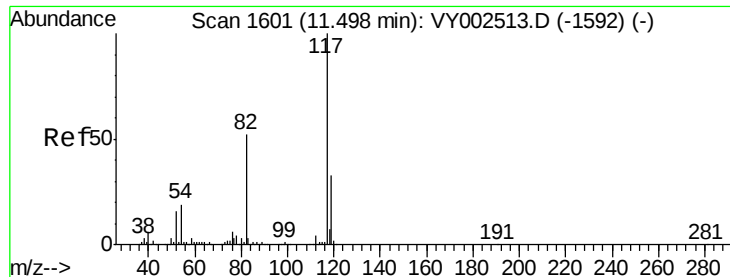
MMDadoda
5/5/2020 4:31:11 PM



#62
4-Bromofluorobenzene
Concen: 99.981 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	188.8
176	91.0	0.0	183.2





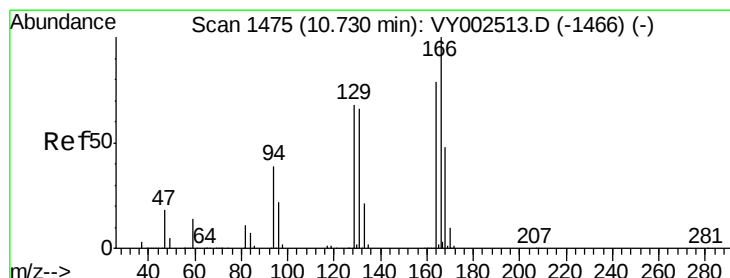
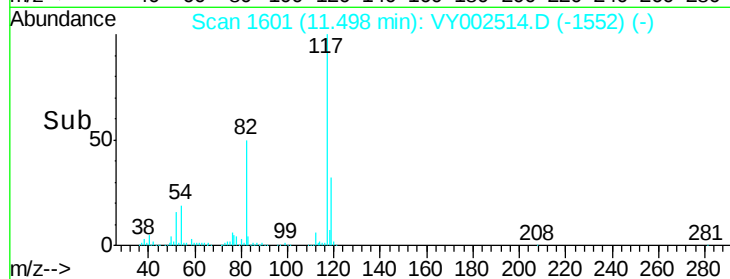
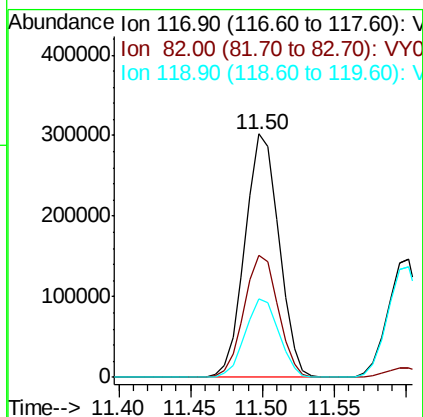
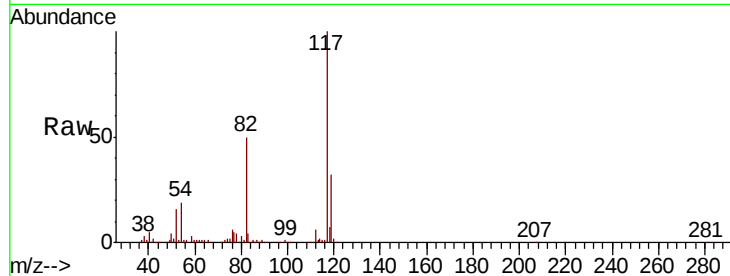
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.3	61.9
119	32.0	26.0	39.0

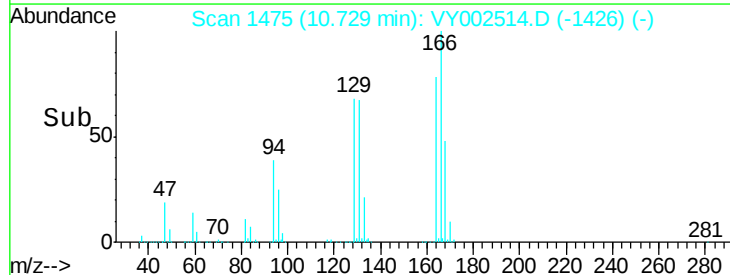
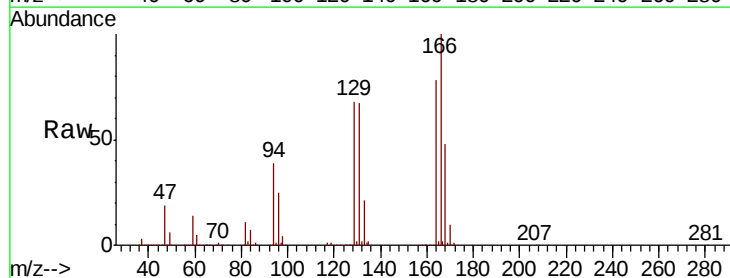
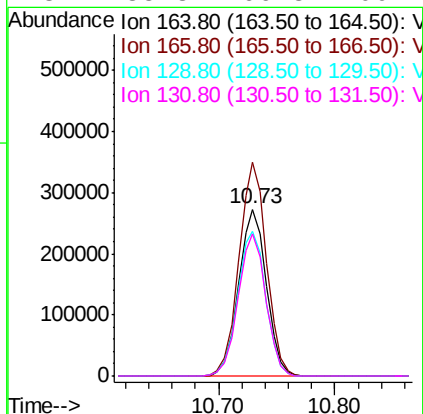
Manual Integrations
APPROVED

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#64
Tetrachloroethene
Concen: 102.947 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	100.7	151.1
129	86.9	68.3	102.5
131	85.3	66.8	100.2





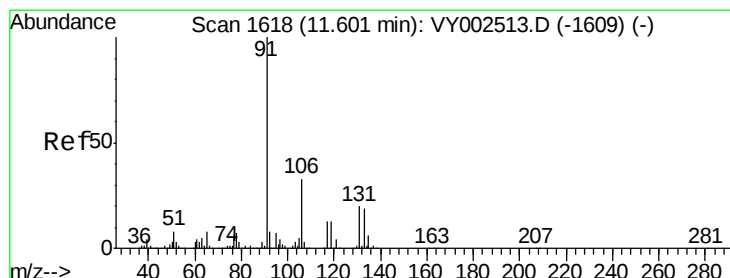
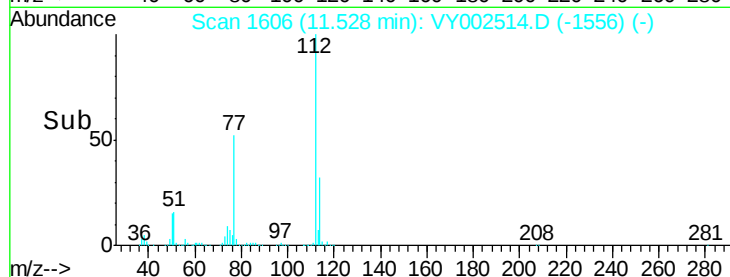
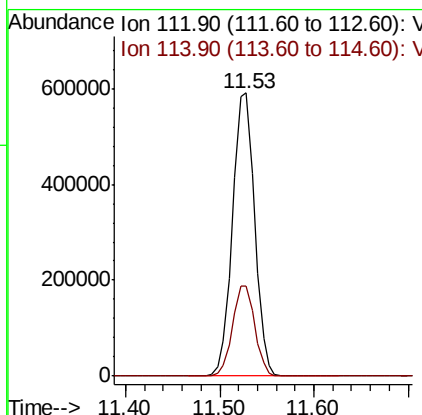
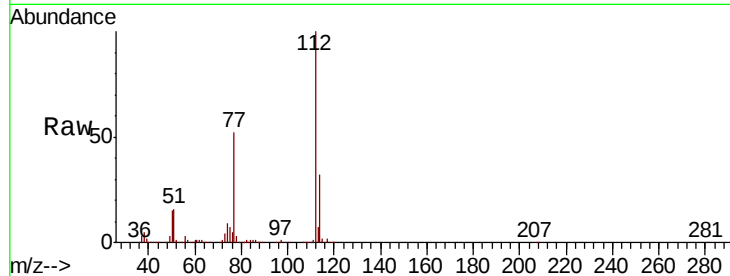
#65
Chlorobenzene
Concen: 102.786 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.8	38.6

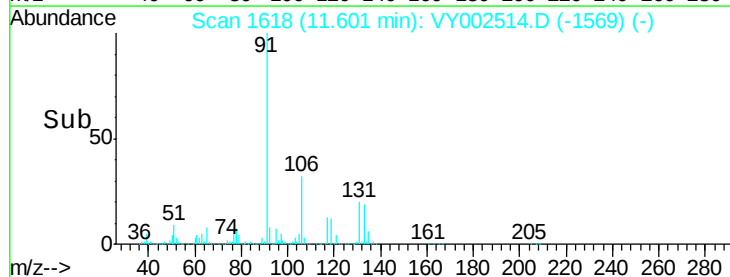
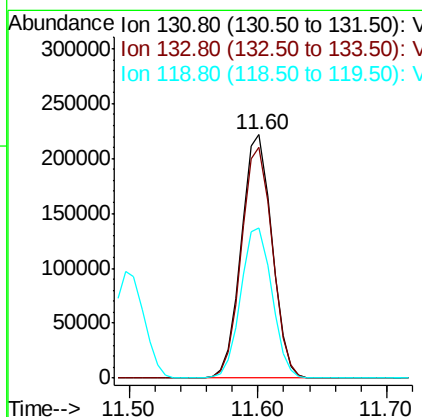
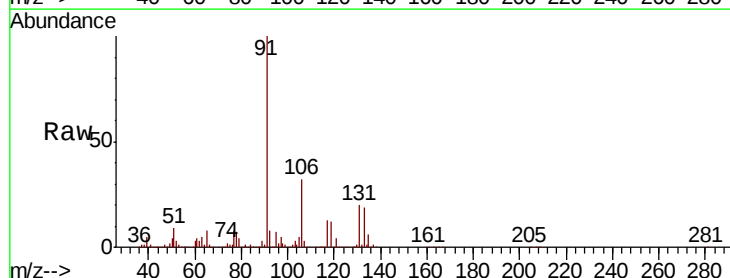
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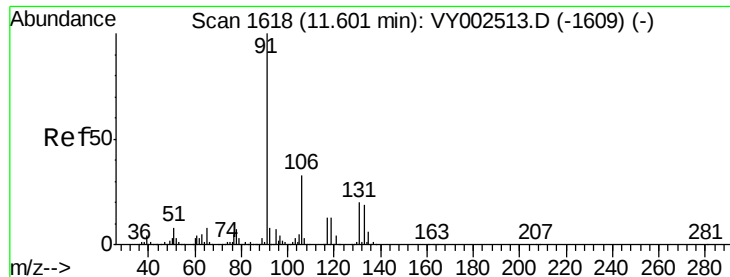
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 104.778 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	48.1	144.4
119	62.9	31.6	95.0





#67

Ethyl Benzene

Concen: 104.166 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1715195

Ion Ratio Lower Upper

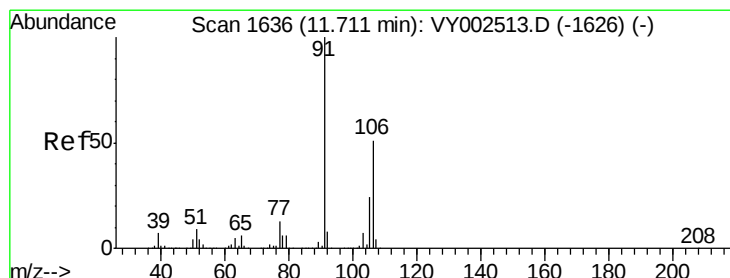
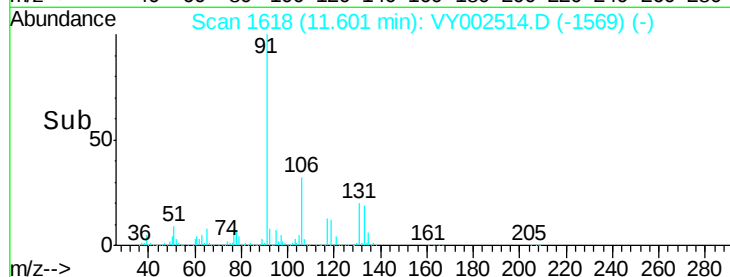
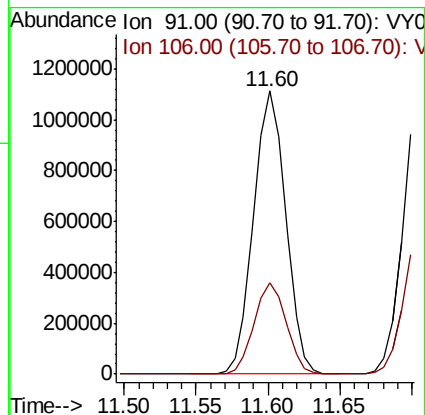
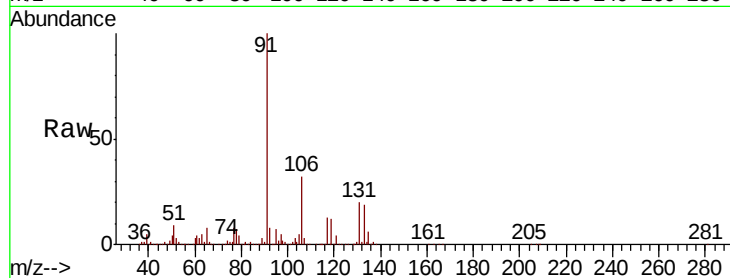
91 100

106 32.4 26.1 39.1

Manual Integrations
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#68

m/p-Xylenes

Concen: 208.187 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY002514.D

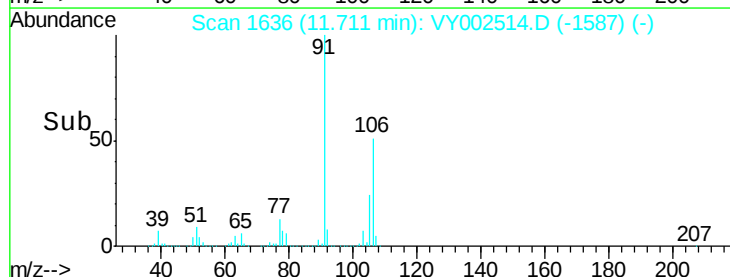
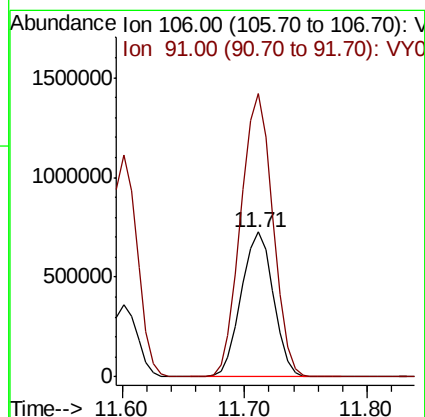
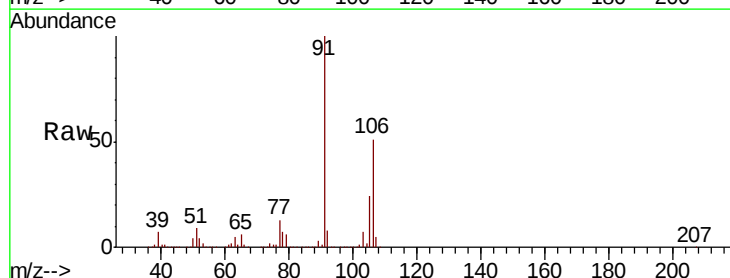
Acq: 30 Apr 2020 15:44

Tgt Ion: 106 Resp: 1326371

Ion Ratio Lower Upper

106 100

91 195.0 155.2 232.8





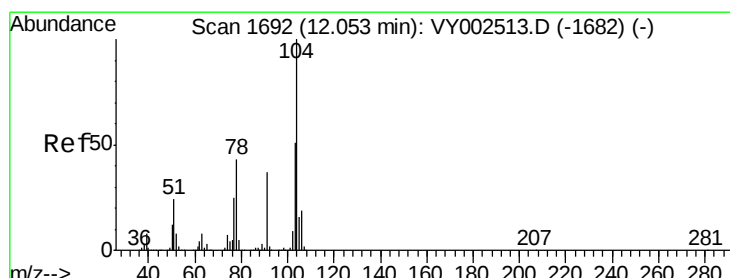
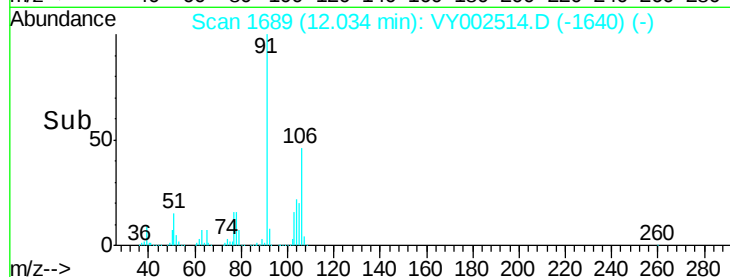
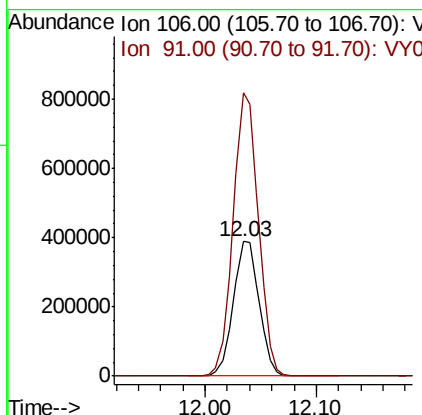
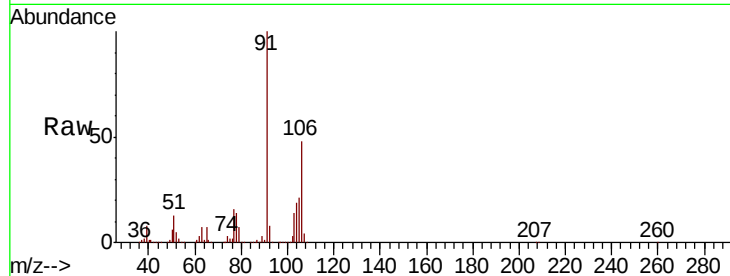
#69
o-Xylene
Concen: 104.026 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.1	103.8	311.3

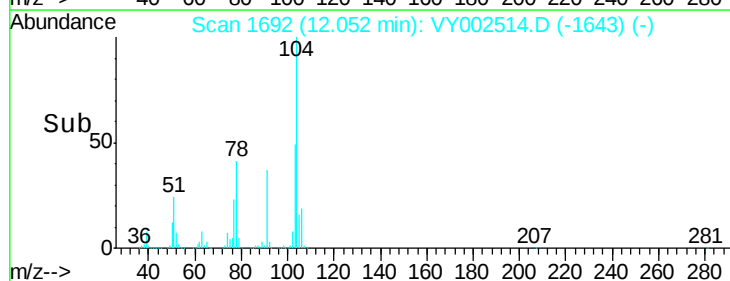
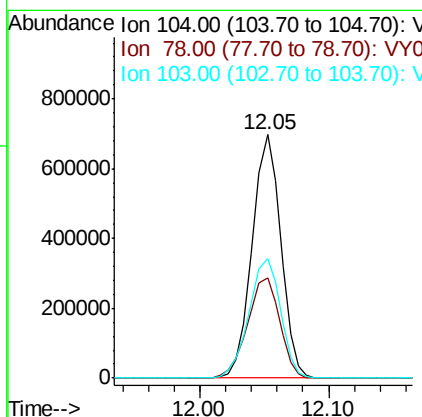
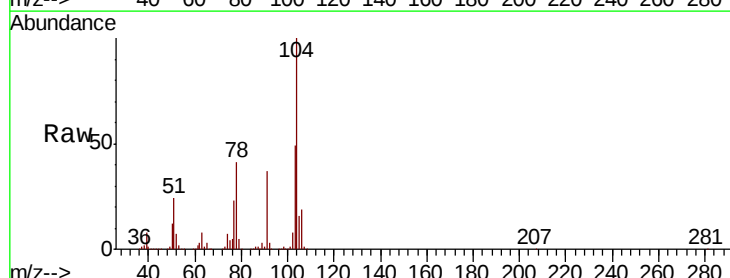
Manual Integrations
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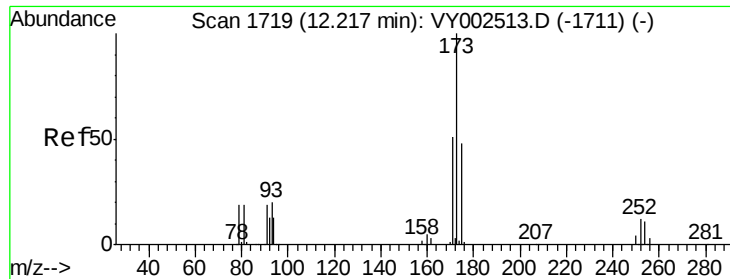
MMDadoda
5/5/2020 4:31:11 PM



#70
Styrene
Concen: 104.871 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.5	37.4	56.0
103	54.4	43.9	65.9





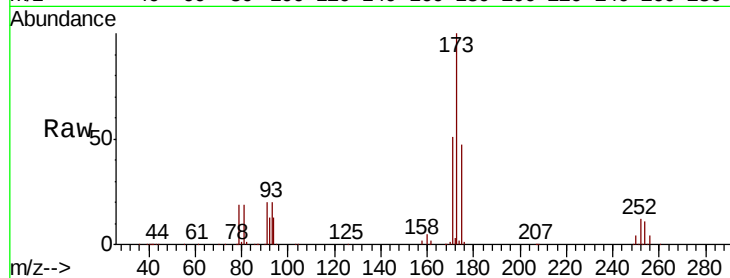
#71
Bromoform
Concen: 106.006 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

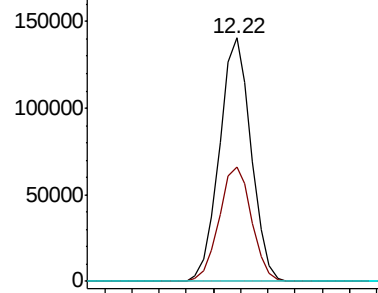
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.3	72.8
254	0.1	0.2	0.2#

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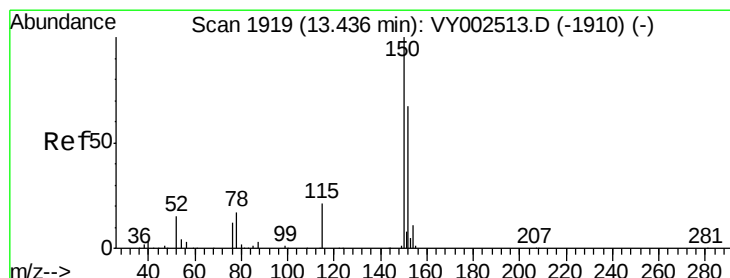
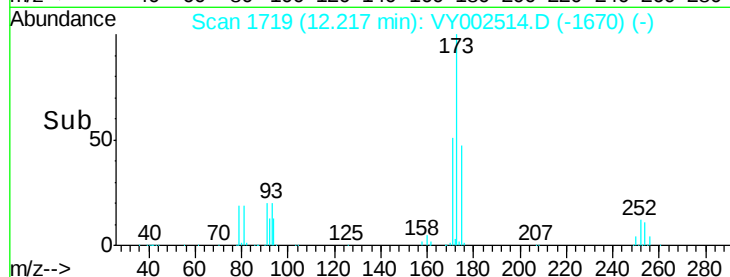
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

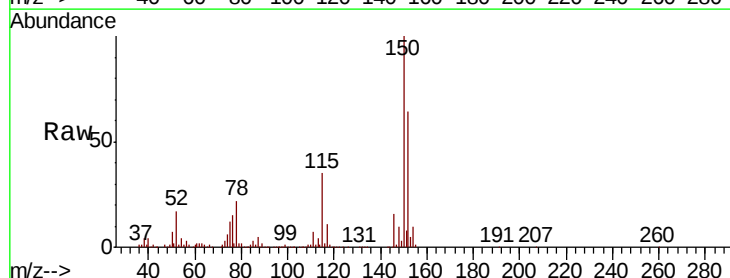


Time-->

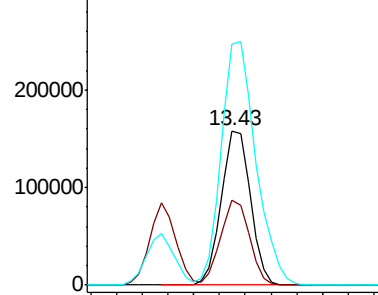


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

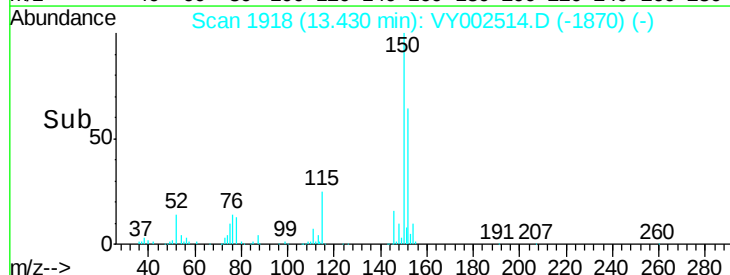
Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.5	82.4
150	187.7	0.0	346.4

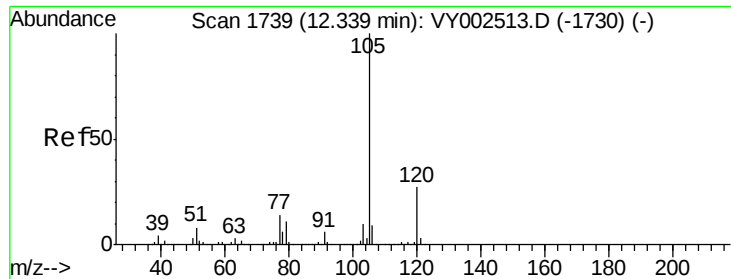


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->





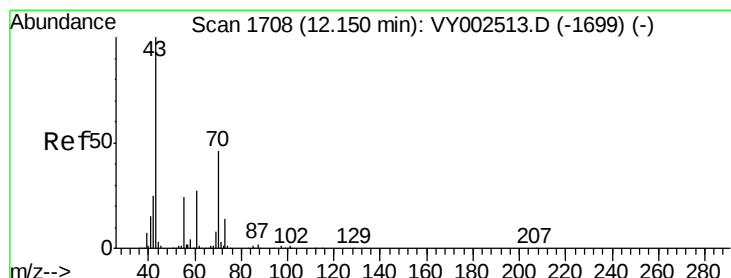
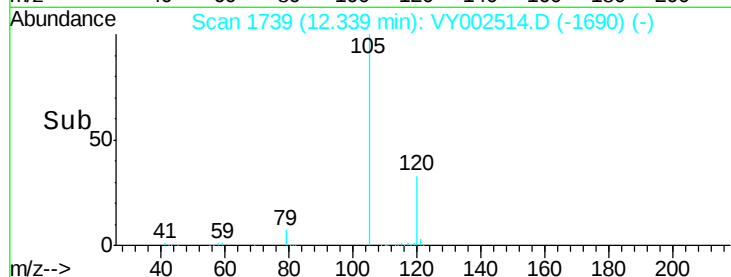
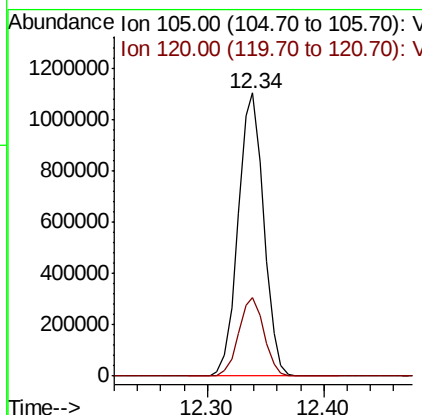
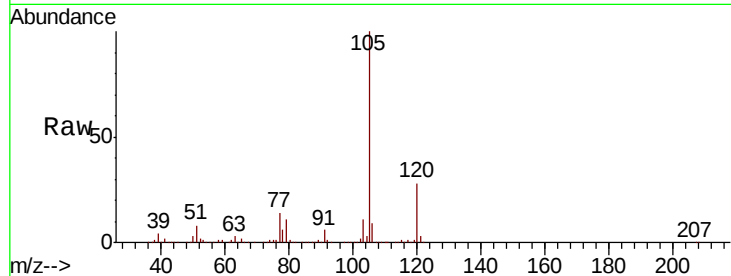
#73
Isopropylbenzene
Concen: 105.983 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:105 Resp: 1690716
Ion Ratio Lower Upper
105 100
120 27.5 13.8 41.3

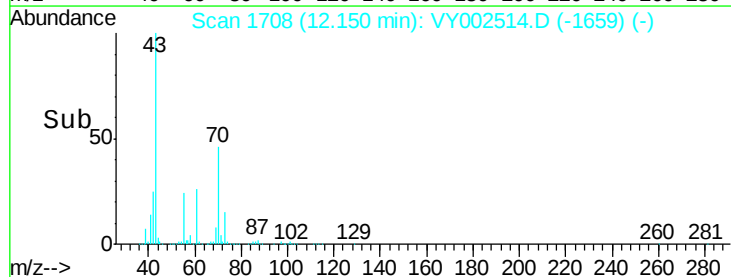
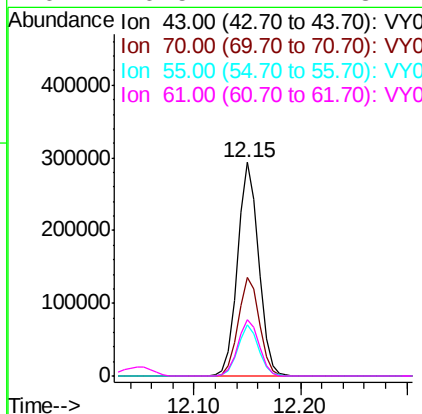
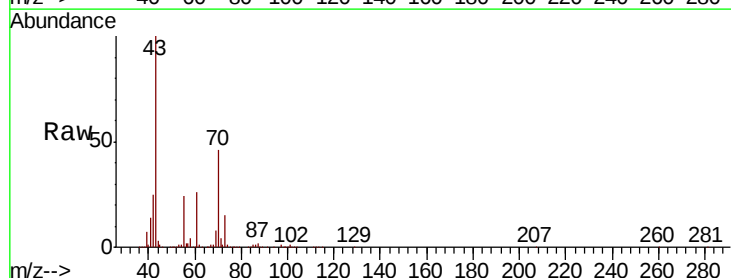
Manual Integrations
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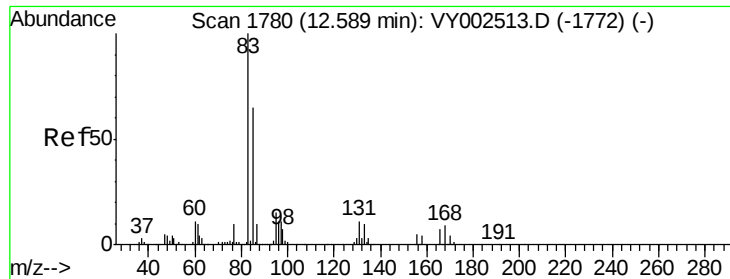
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#74
N-ethyl acetate
Concen: 106.612 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion: 43 Resp: 409122
Ion Ratio Lower Upper
43 100
70 46.5 36.7 55.1
55 23.7 19.2 28.8
61 26.5 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 105.430 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 267482

Ion Ratio Lower Upper

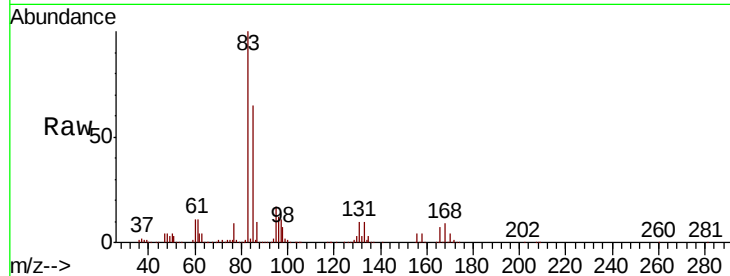
83 100

131 11.3 5.9 17.8

85 64.6 31.9 95.9

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0

12.59

200000

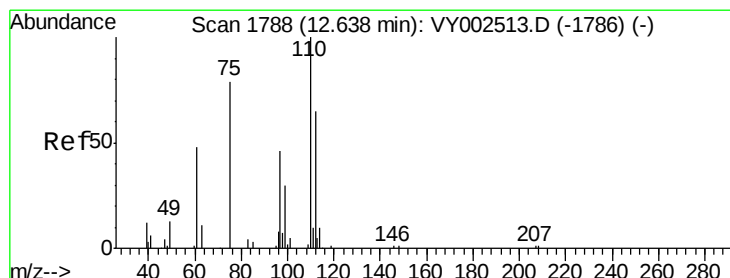
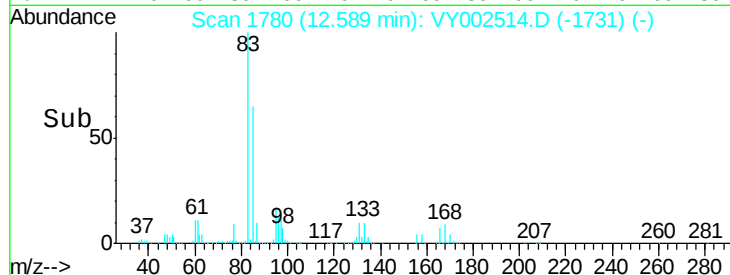
150000

100000

50000

0

Time--> 12.50 12.55 12.60 12.65



#76

1,2,3-Trichloropropane

Concen: 107.371 ug/l m

RT: 12.64 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VY002514.D

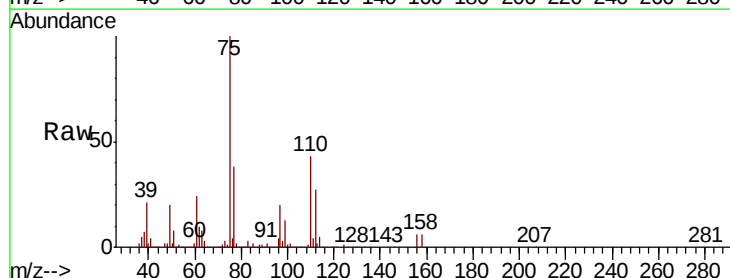
Acq: 30 Apr 2020 15:44

Tgt Ion: 75 Resp: 235909

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

400000

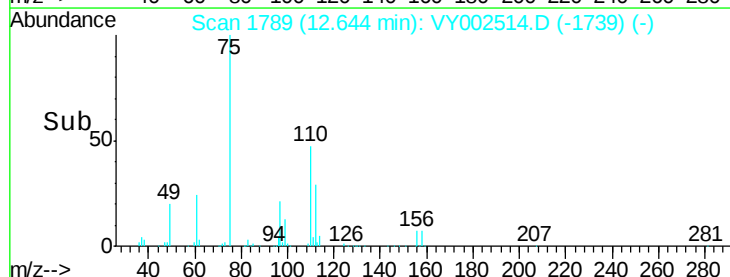
300000

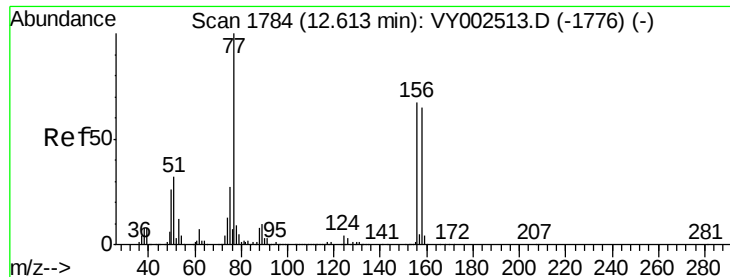
200000

100000

0

Time--> 12.60 12.65





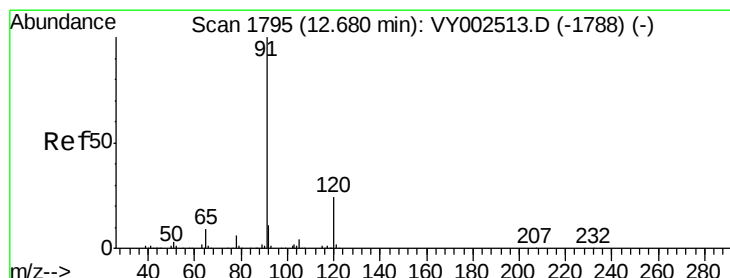
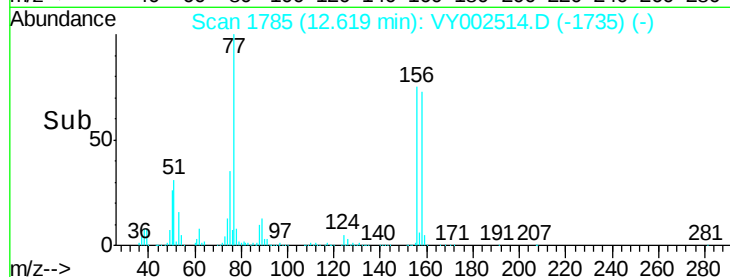
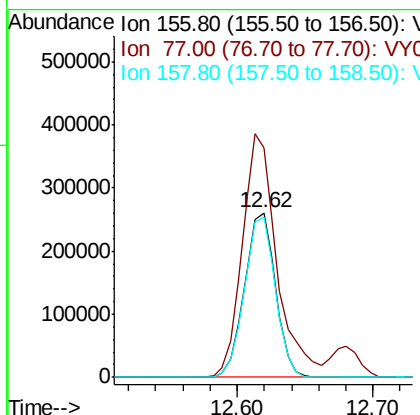
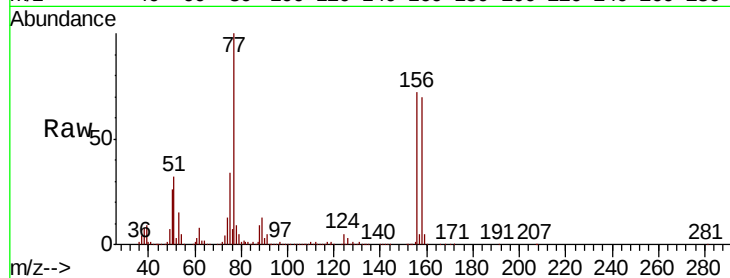
#77
Bromobenzene
Concen: 104.370 ug/l
RT: 12.62 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	164.5	82.0	245.8
158	97.5	48.5	145.6

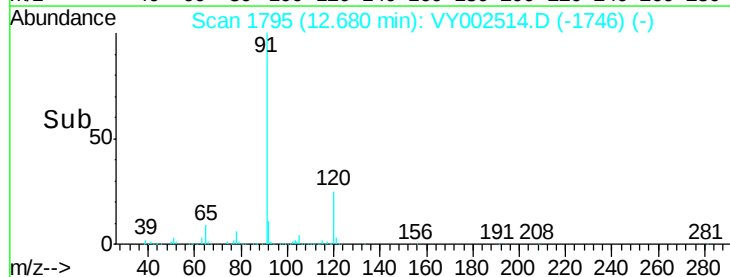
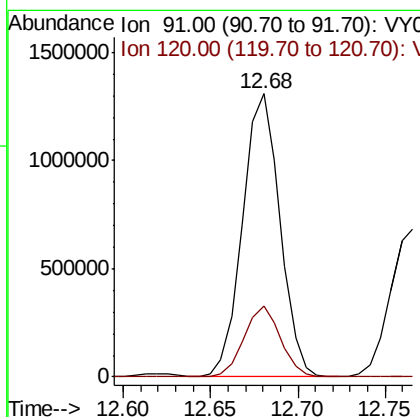
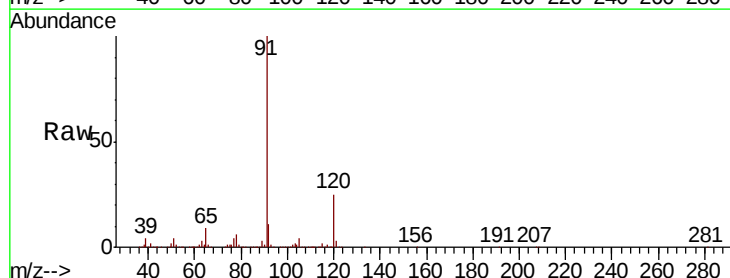
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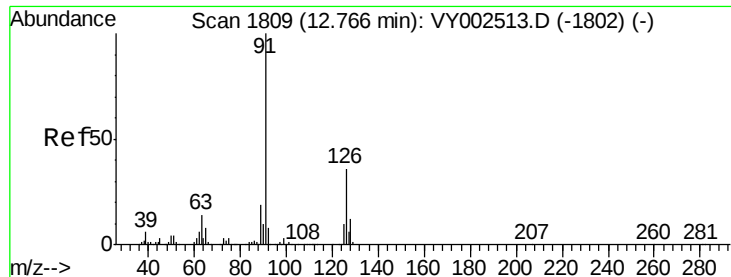
MMDadoda
5/5/2020 4:31:11 PM



#78
n-propylbenzene
Concen: 105.050 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.2	36.4





#79

2-Chlorotoluene

Concen: 104.434 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1070945

Ion Ratio Lower Upper

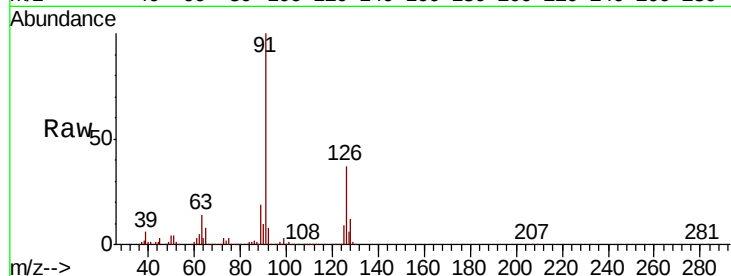
91 100

126 36.5 18.4 55.2

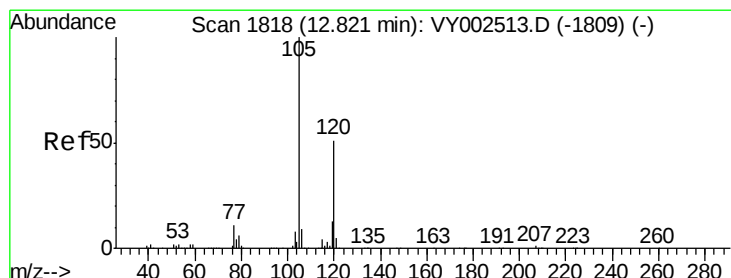
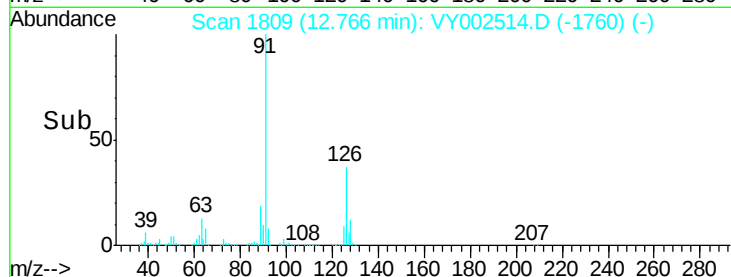
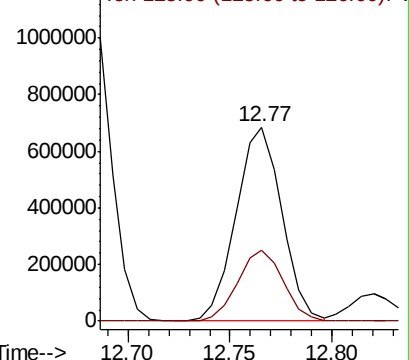
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Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 105.256 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002514.D

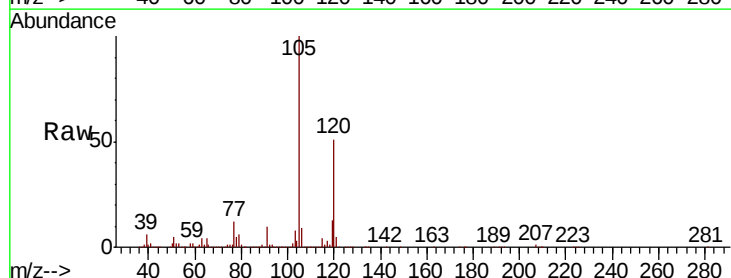
Acq: 30 Apr 2020 15:44

Tgt Ion: 105 Resp: 1391863

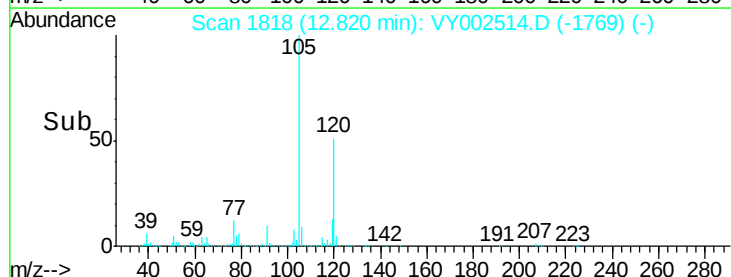
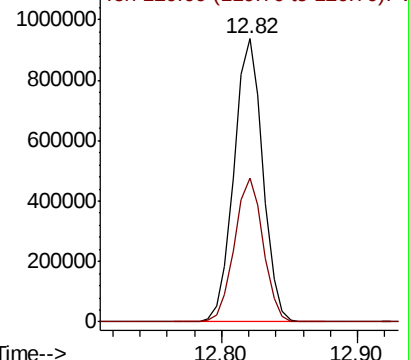
Ion Ratio Lower Upper

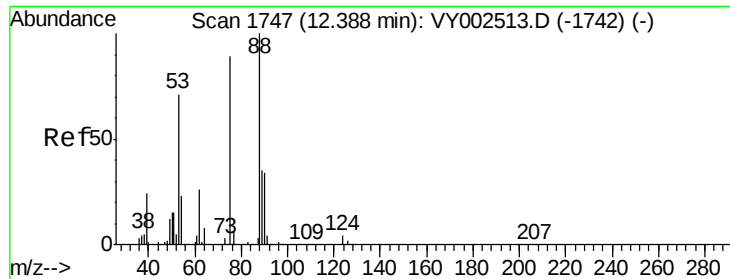
105 100

120 50.8 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002513.D (-1809) (-)





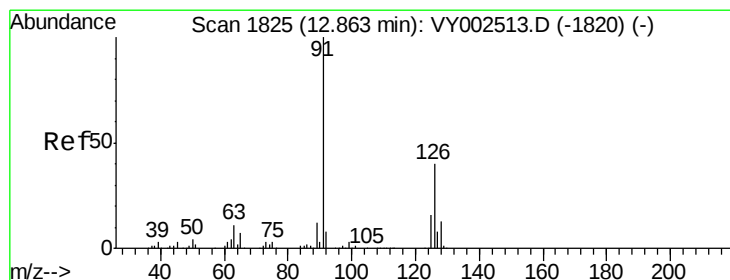
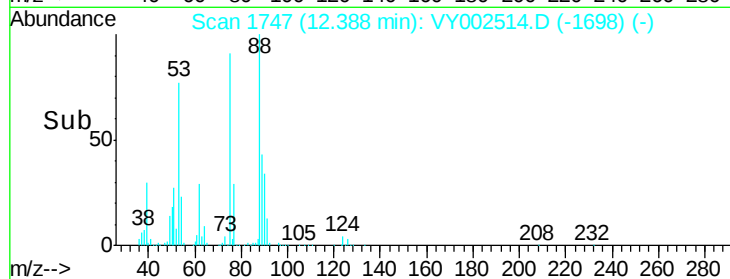
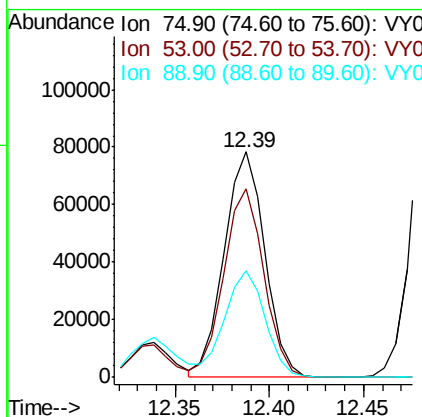
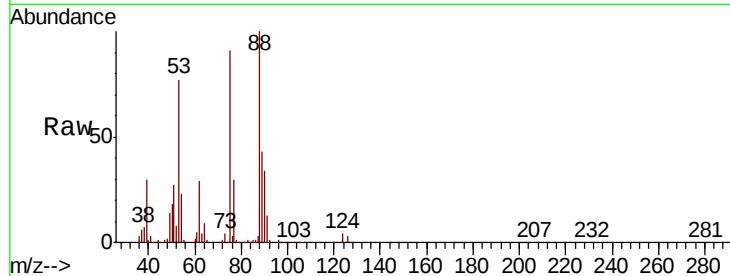
#81
trans-1,4-Dichloro-2-butene
Concen: 106.800 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.2	67.4	101.0
89	47.1	37.4	56.0

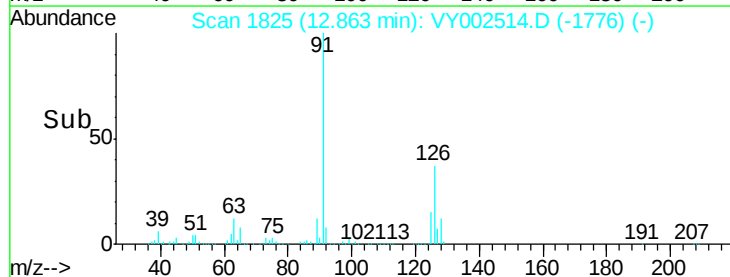
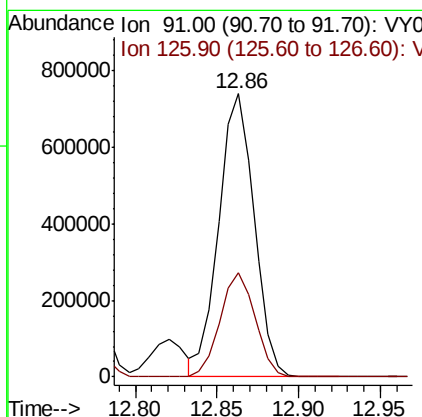
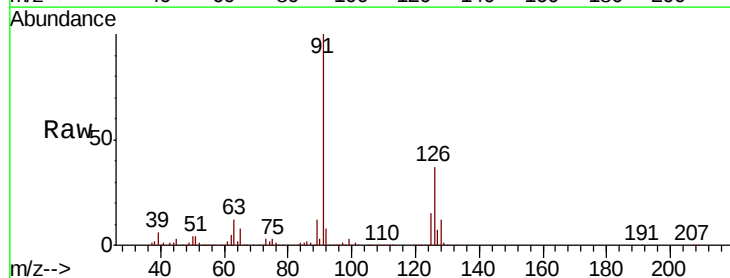
Manual Integrations
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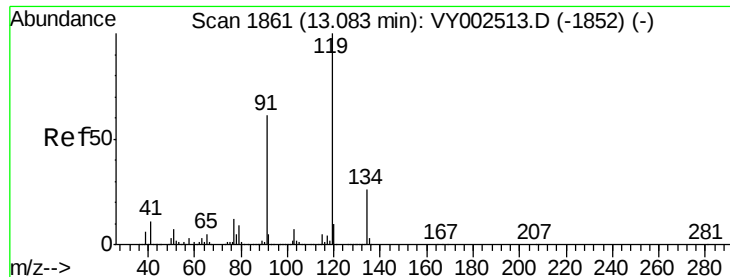
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#82
4-Chlorotoluene
Concen: 103.934 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.5	18.5	55.5





#83

tert-Butylbenzene

Concen: 105.106 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:119 Resp: 1218679

Ion Ratio Lower Upper

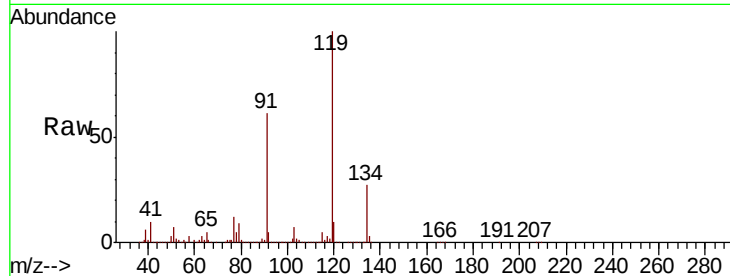
119 100

91 61.5 30.6 91.6

134 27.2 13.5 40.4

Manual Integrations
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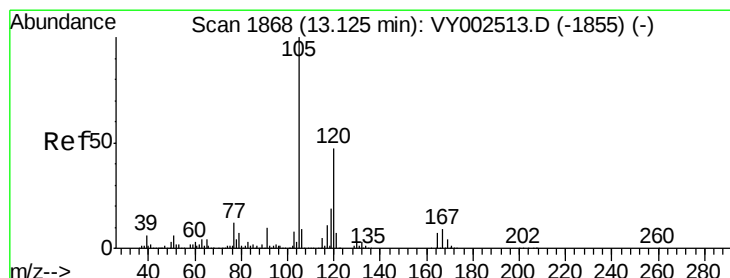
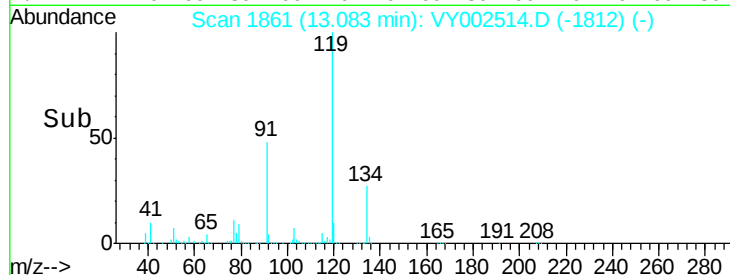
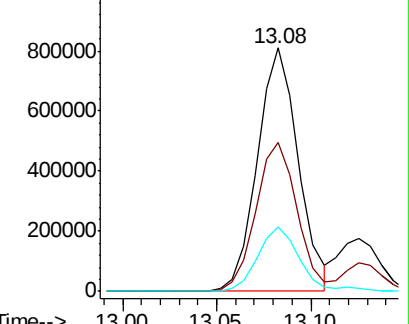
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 104.676 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VY002514.D

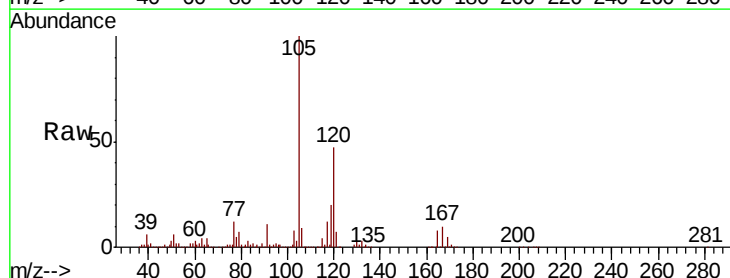
Acq: 30 Apr 2020 15:44

Tgt Ion:105 Resp: 1379495

Ion Ratio Lower Upper

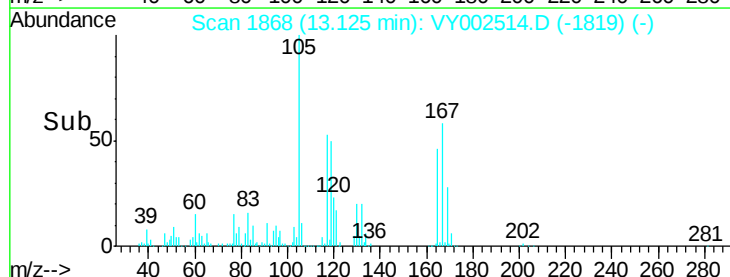
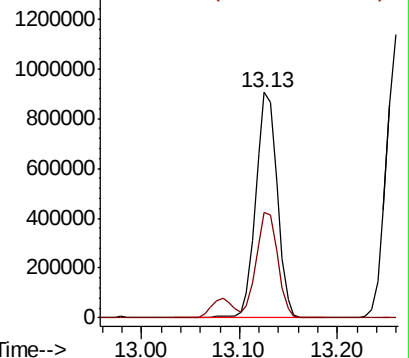
105 100

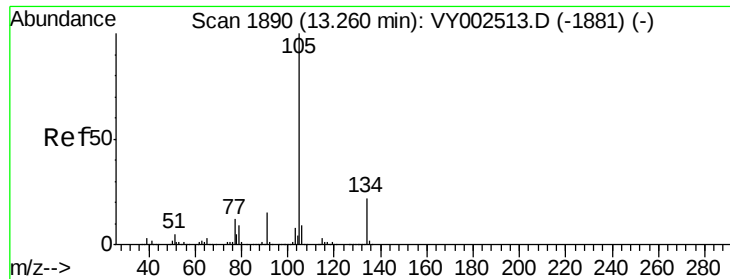
120 46.7 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 104.206 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1676582

Ion Ratio Lower Upper

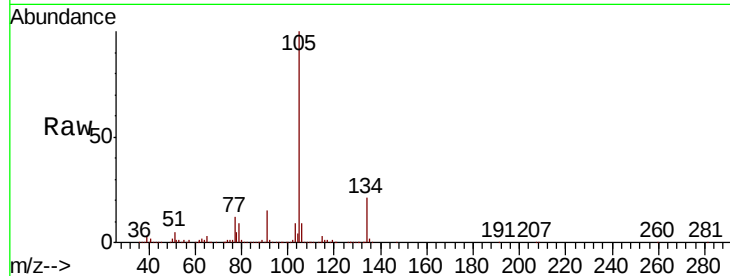
105 100

134 21.6 10.8 32.3

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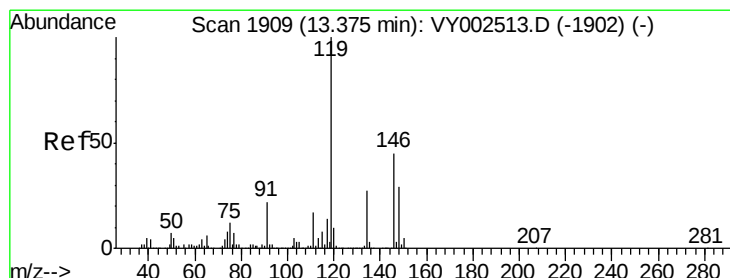
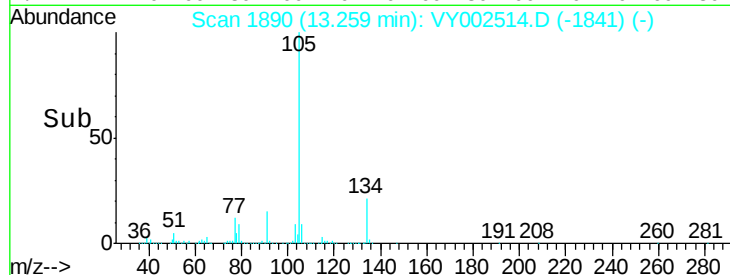
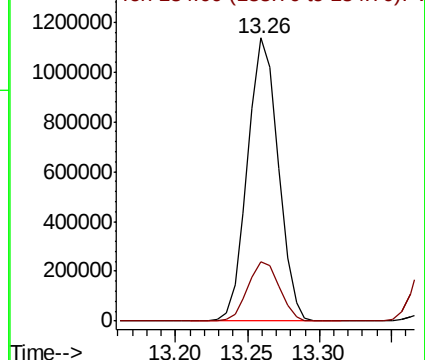
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 104.007 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

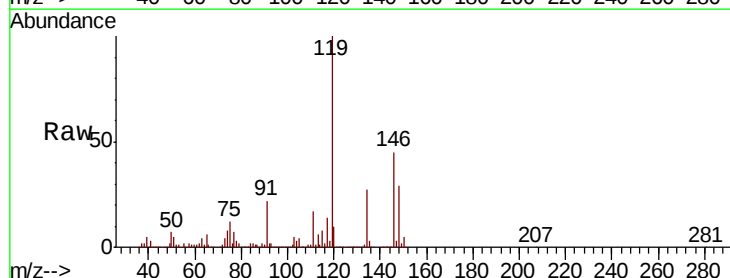
Tgt Ion:119 Resp: 1567939

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

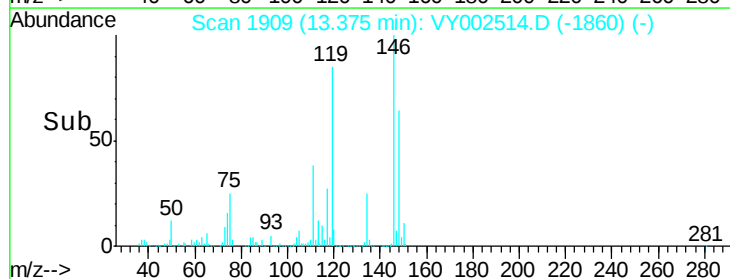
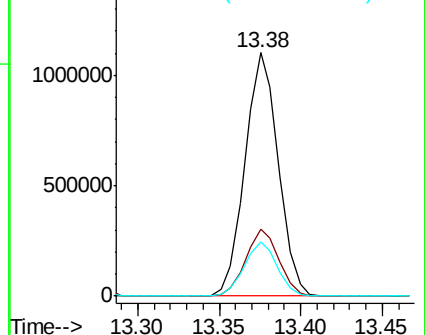
91 22.1 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





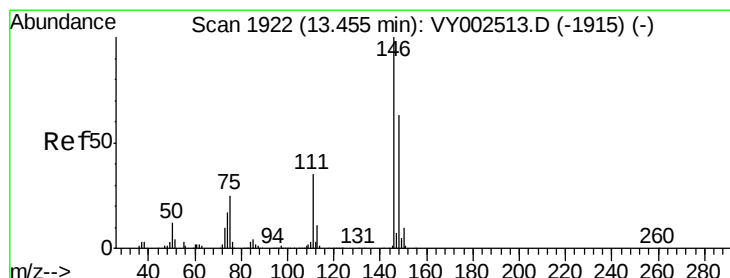
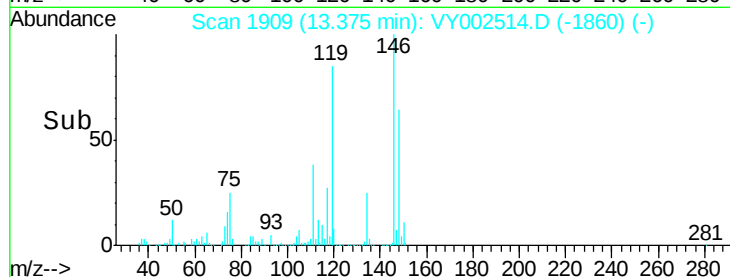
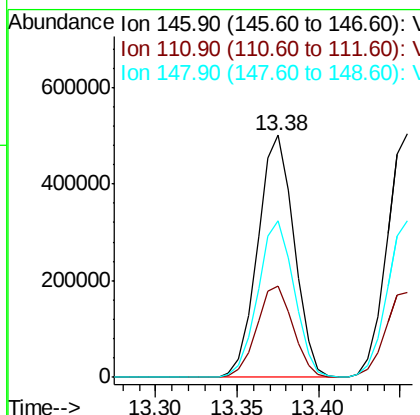
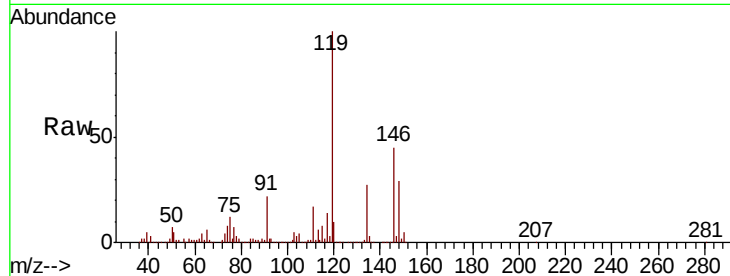
#87
 1,3-Dichlorobenzene
 Concen: 102.441 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	64.2	32.1	96.3

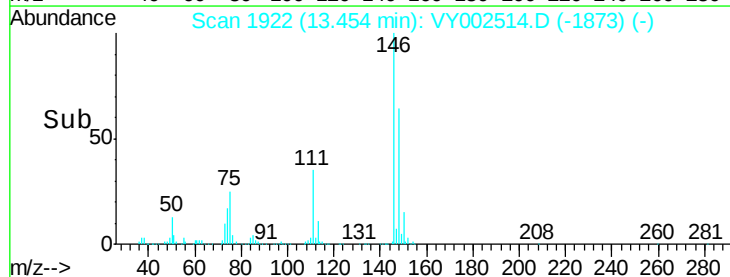
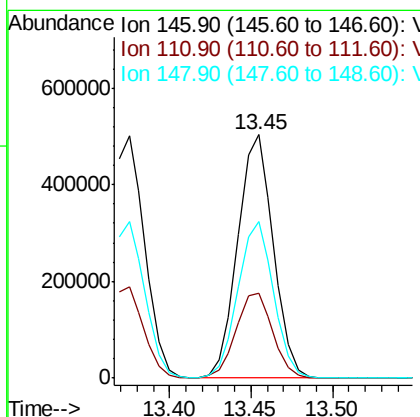
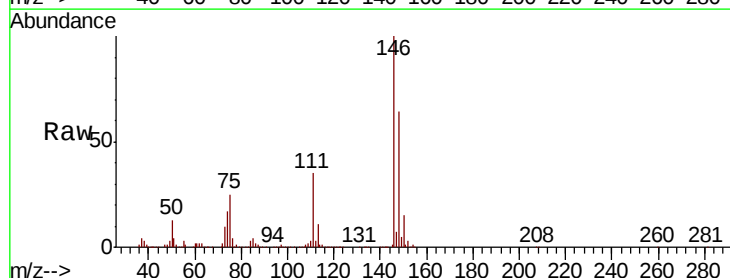
Manual Integrations
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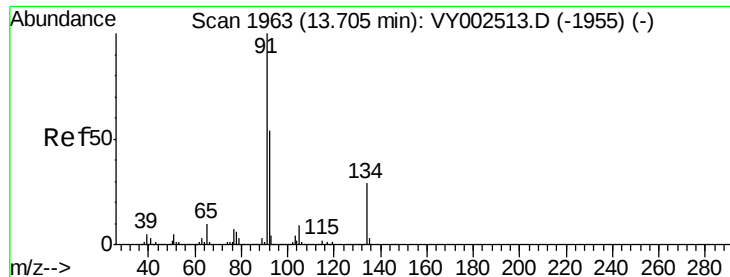
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#88
 1,4-Dichlorobenzene
 Concen: 102.366 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.1	54.1
148	64.3	31.9	95.5





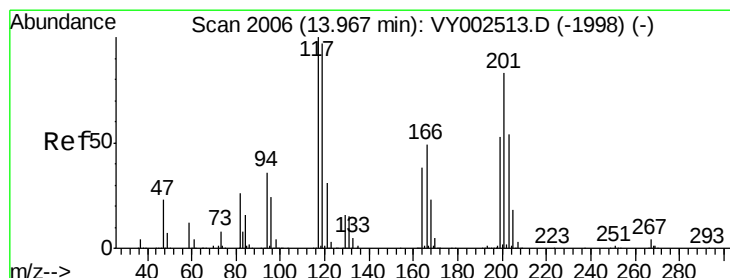
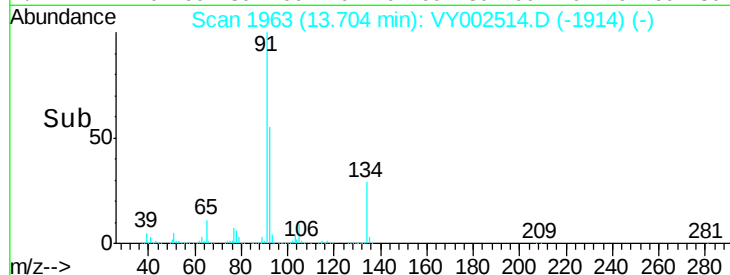
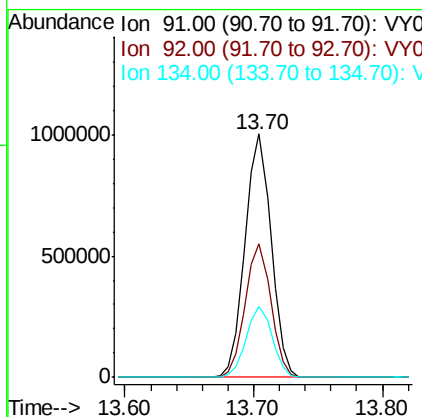
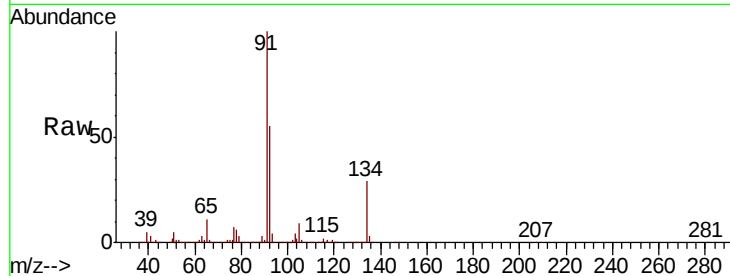
#89
n-Butylbenzene
Concen: 102.067 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.1	81.3
134	28.9	14.4	43.0

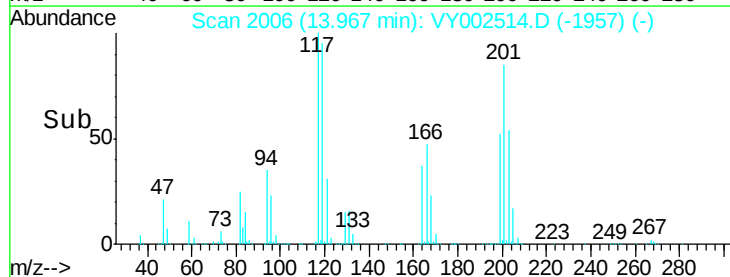
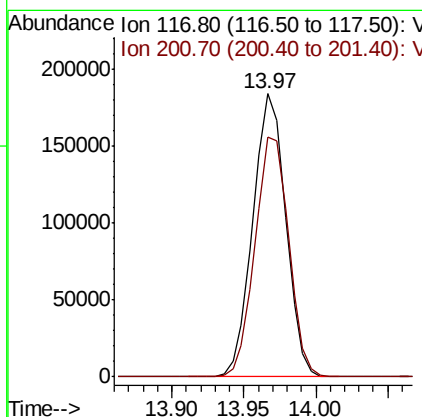
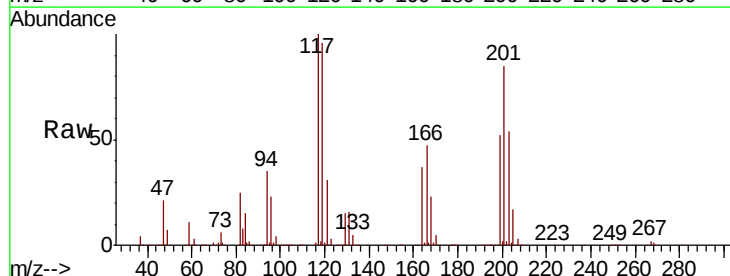
Manual Integrations
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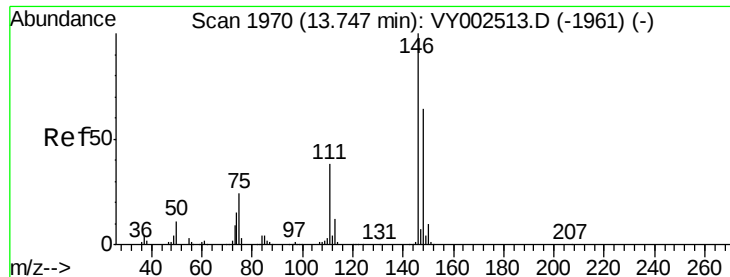
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#90
Hexachloroethane
Concen: 105.576 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY002514.D
Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.9	44.4	133.2





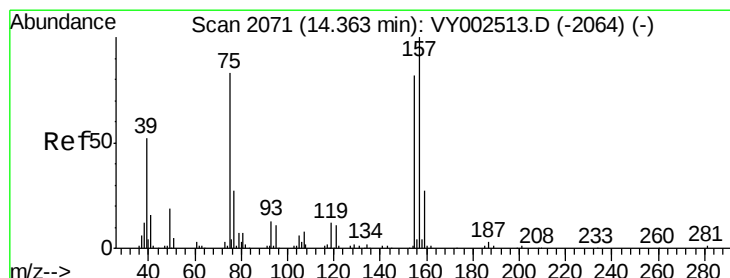
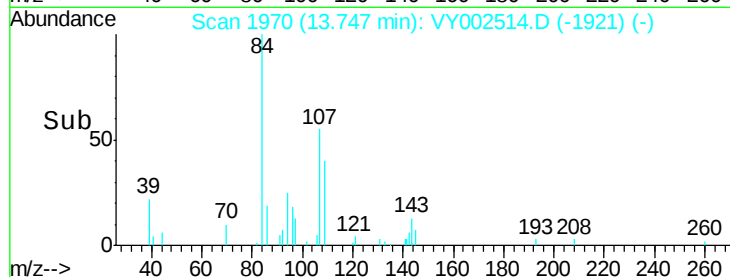
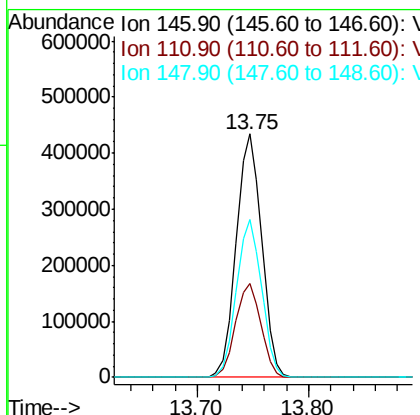
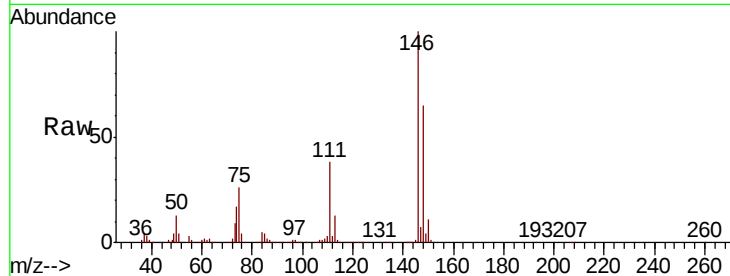
#91
 1,2-Dichlorobenzene
 Concen: 101.529 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.5
148	64.3	31.9	95.7

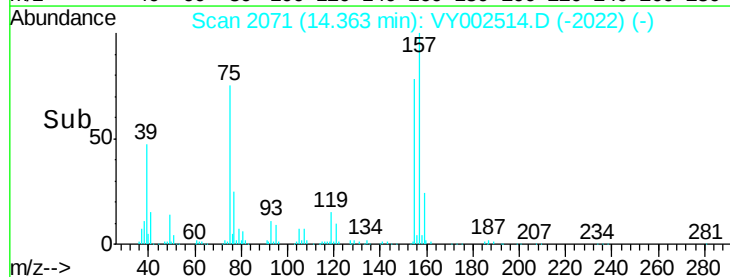
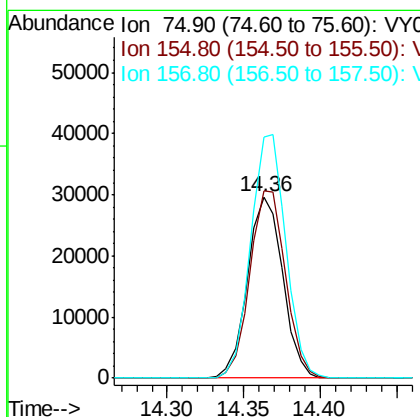
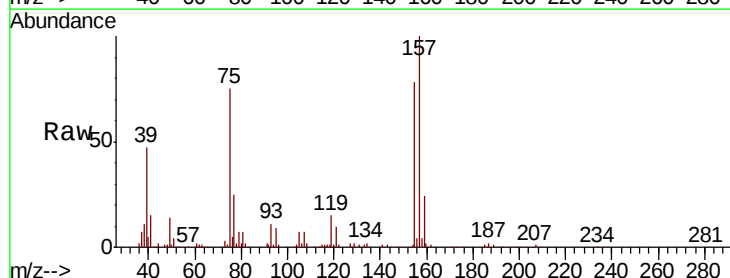
Manual Integrations
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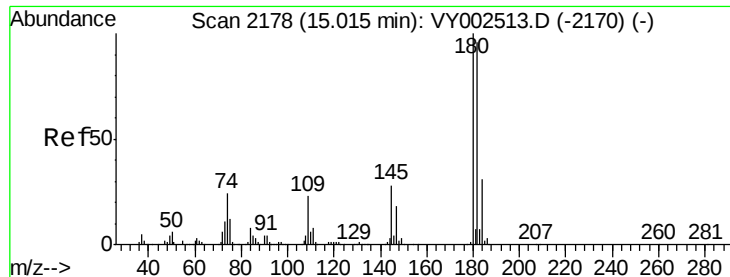
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 100.876 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.3	51.3	153.9
157	133.5	65.0	195.0





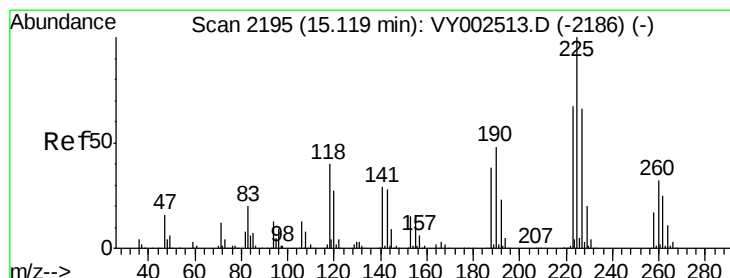
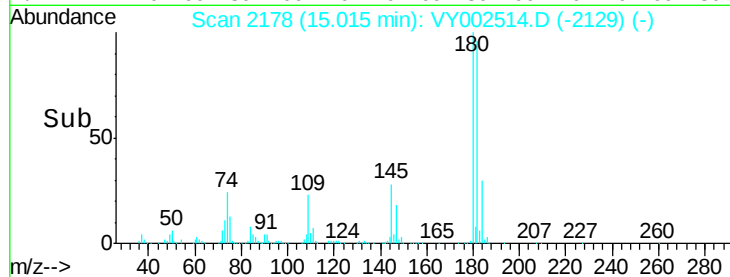
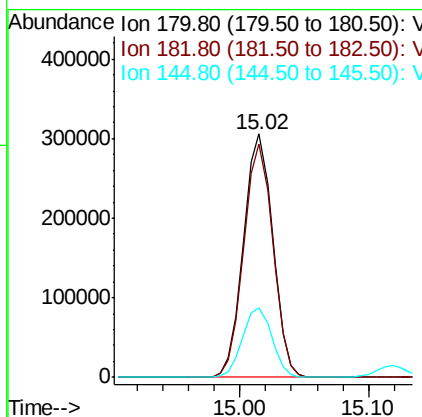
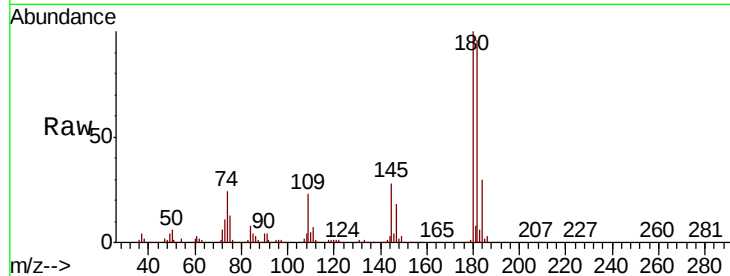
#93
 1,2,4-Trichlorobenzene
 Concen: 98.356 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	480651		
182	95.4	47.9	143.6	
145	28.8	14.4	43.0	

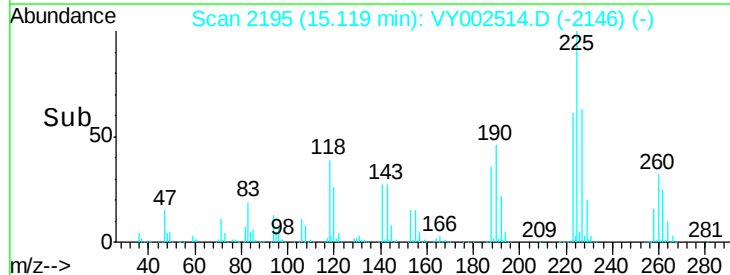
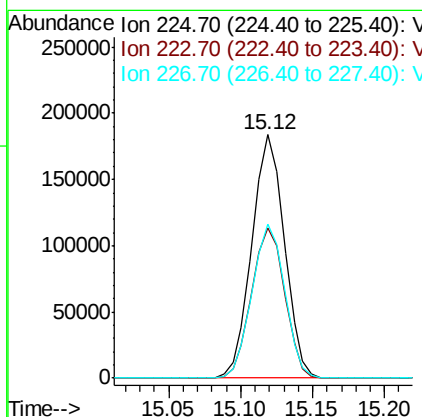
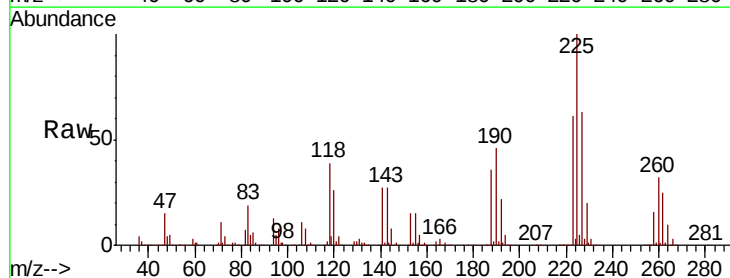
Manual Integrations
 APPROVED

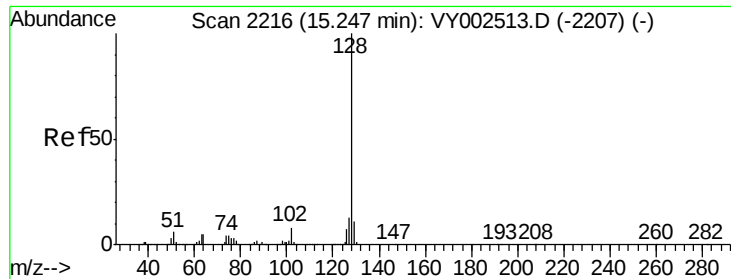
MMDadoda
 5/5/2020 4:31:11 PM



#94
 Hexachlorobutadiene
 Concen: 97.686 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002514.D
 Acq: 30 Apr 2020 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	286547		
223	63.1	32.1	96.5	
227	63.9	32.0	96.2	





#95

Naphthalene

Concen: 102.985 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Instrument :

MSVOA_Y

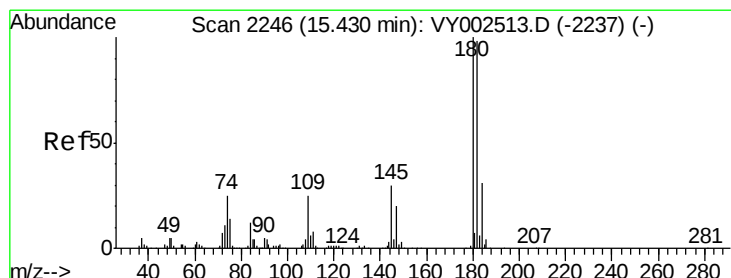
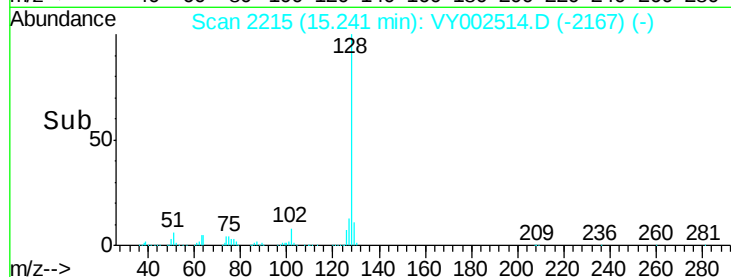
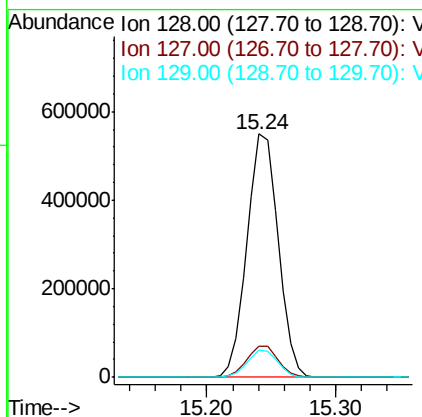
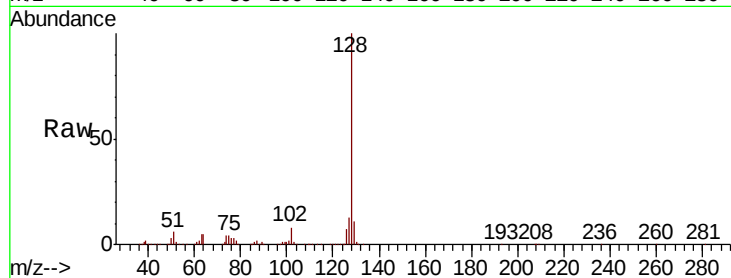
ClientSampleId :

VSTDIC100

Tot Ion:	128	Resp:	918090
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	11.1	8.8	13.2

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 98.854 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.00 min

Lab File: VY002514.D

Acq: 30 Apr 2020 15:44

Tgt Ion:	180	Resp:	410102
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.9	143.8
145	30.4	15.0	45.1

