

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011320\
 Data File : VY001176.D
 Acq On : 13 Jan 2020 13:26
 Operator : SY/MD
 Sample : L1046-12MS
 Misc : 7.61G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Manual Integrations
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Quant Time: Jan 14 10:50:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	190077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	330731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	287763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	127231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	98370	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	7.73	113	96078	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	10.18	98	394861	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.48	95	143509	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	76439	52.363	ug/l	99
3) Chloromethane	2.12	50	112213	53.329	ug/l	99
4) Vinyl Chloride	2.25	62	116470	54.944	ug/l	97
5) Bromomethane	2.65	94	71616	62.895	ug/l	98
6) Chloroethane	2.80	64	71177	58.120	ug/l	95
7) Trichlorofluoromethane	3.13	101	145396	49.276	ug/l	98
8) Diethyl Ether	3.54	74	57636	50.269	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	95204	50.126	ug/l	99
10) Methyl Iodide	4.10	142	134177	51.613	ug/l	100
11) Tert butyl alcohol	4.96	59	41429	205.108	ug/l	98
12) 1,1-Dichloroethene	3.88	96	100255	51.594	ug/l	95
13) Acrolein	3.74	56	25064	137.837	ug/l	96
14) Allyl chloride	4.49	41	168478	51.372	ug/l	99
15) Acrylonitrile	5.18	53	132212	230.571	ug/l	99
16) Acetone	3.96	43	103590	222.184	ug/l	92
17) Carbon Disulfide	4.20	76	315847	50.222	ug/l	99
18) Methyl Acetate	4.49	43	110560	71.723	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	264866	49.278	ug/l	98
20) Methylene Chloride	4.72	84	111549	51.506	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	113582	51.551	ug/l	96
22) Diisopropyl ether	6.13	45	337804	50.431	ug/l	94
23) Vinyl Acetate	6.07	43	529208	123.534	ug/l	99
24) 1,1-Dichloroethane	6.03	63	191115	52.116	ug/l	99
25) 2-Butanone	7.00	43	168246	231.863	ug/l	98
26) 2,2-Dichloropropane	6.99	77	164823	48.877	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	126358	52.338	ug/l	98
28) Bromochloromethane	7.35	49	76528	50.820	ug/l	99
29) Tetrahydrofuran	7.36	42	114389	230.032	ug/l	99
30) Chloroform	7.52	83	185840	51.721	ug/l	99
31) Cyclohexane	7.79	56	184538	47.528	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	161777	50.744	ug/l	99
36) 1,1-Dichloropropene	7.92	75	150180	49.821	ug/l	100
37) Ethyl Acetate	7.08	43	68780	38.879	ug/l	98
38) Carbon Tetrachloride	7.91	117	139809	50.608	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	191986	46.978	ug/l	98
40) Benzene	8.17	78	460683	52.355	ug/l	100
41) Methacrylonitrile	7.33	41	44646m	53.725	ug/l	
42) 1,2-Dichloroethane	8.24	62	123196	50.001	ug/l	99
43) Isopropyl Acetate	8.28	43	151405	44.757	ug/l	99
44) Trichloroethene	8.94	130	119039	51.918	ug/l	97
45) 1,2-Dichloropropane	9.22	63	114171	52.484	ug/l	96
46) Dibromomethane	9.31	93	59326	49.984	ug/l	100
47) Bromodichloromethane	9.50	83	146723	50.723	ug/l	100
48) Methyl methacrylate	9.30	41	77402	49.444	ug/l	99
49) 1,4-Dioxane	9.30	88	14347	992.566	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	398133	231.946	ug/l	100
52) Toluene	10.24	92	292483	52.116	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	160535	49.596	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	185754	50.900	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	89255	50.725	ug/l	98
56) Ethyl methacrylate	10.51	69	119145	44.265	ug/l	98
57) 1,3-Dichloropropane	10.79	76	153176	50.708	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	207853	219.563	ug/l	100
59) 2-Hexanone	10.83	43	286529	238.184	ug/l	99
60) Dibromochloromethane	10.99	129	102555	50.621	ug/l	100
61) 1,2-Dibromoethane	11.09	107	82933	48.269	ug/l	99
64) Tetrachloroethene	10.72	164	91857	49.519	ug/l	98
65) Chlorobenzene	11.52	112	296131	51.501	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	104931	52.948	ug/l	99
67) Ethyl Benzene	11.59	91	545748	51.885	ug/l	99
68) m/p-Xylenes	11.70	106	413483	104.207	ug/l	100
69) o-Xylene	12.03	106	198348	52.138	ug/l	100
70) Styrene	12.04	104	341790	51.204	ug/l	98
71) Bromoform	12.20	173	60993	49.906	ug/l #	99
73) Isopropylbenzene	12.33	105	521814	54.555	ug/l	100
74) N-amyl acetate	12.14	43	117942	39.511	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	106213	52.780	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	70896m	52.052	ug/l	
77) Bromobenzene	12.61	156	114316	54.089	ug/l	97
78) n-propylbenzene	12.67	91	613996	53.367	ug/l	99
79) 2-Chlorotoluene	12.75	91	353541	53.507	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	431965	54.126	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	40962	51.000	ug/l #	97
82) 4-Chlorotoluene	12.85	91	367884	52.153	ug/l	98
83) tert-Butylbenzene	13.07	119	359671	53.635	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	428413	54.056	ug/l	99
85) sec-Butylbenzene	13.25	105	497605	51.580	ug/l	99
86) p-Isopropyltoluene	13.37	119	440172	52.551	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	208538	52.173	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	209062	50.821	ug/l	99
89) n-Butylbenzene	13.69	91	406255	48.156	ug/l	99
90) Hexachloroethane	13.96	117	86207	52.673	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	193278	52.030	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17457	48.090	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	102936	42.057	ug/l	100
94) Hexachlorobutadiene	15.11	225	45721	37.081	ug/l	97
95) Naphthalene	15.23	128	244442	42.900	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	87875	40.739	ug/l	99

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

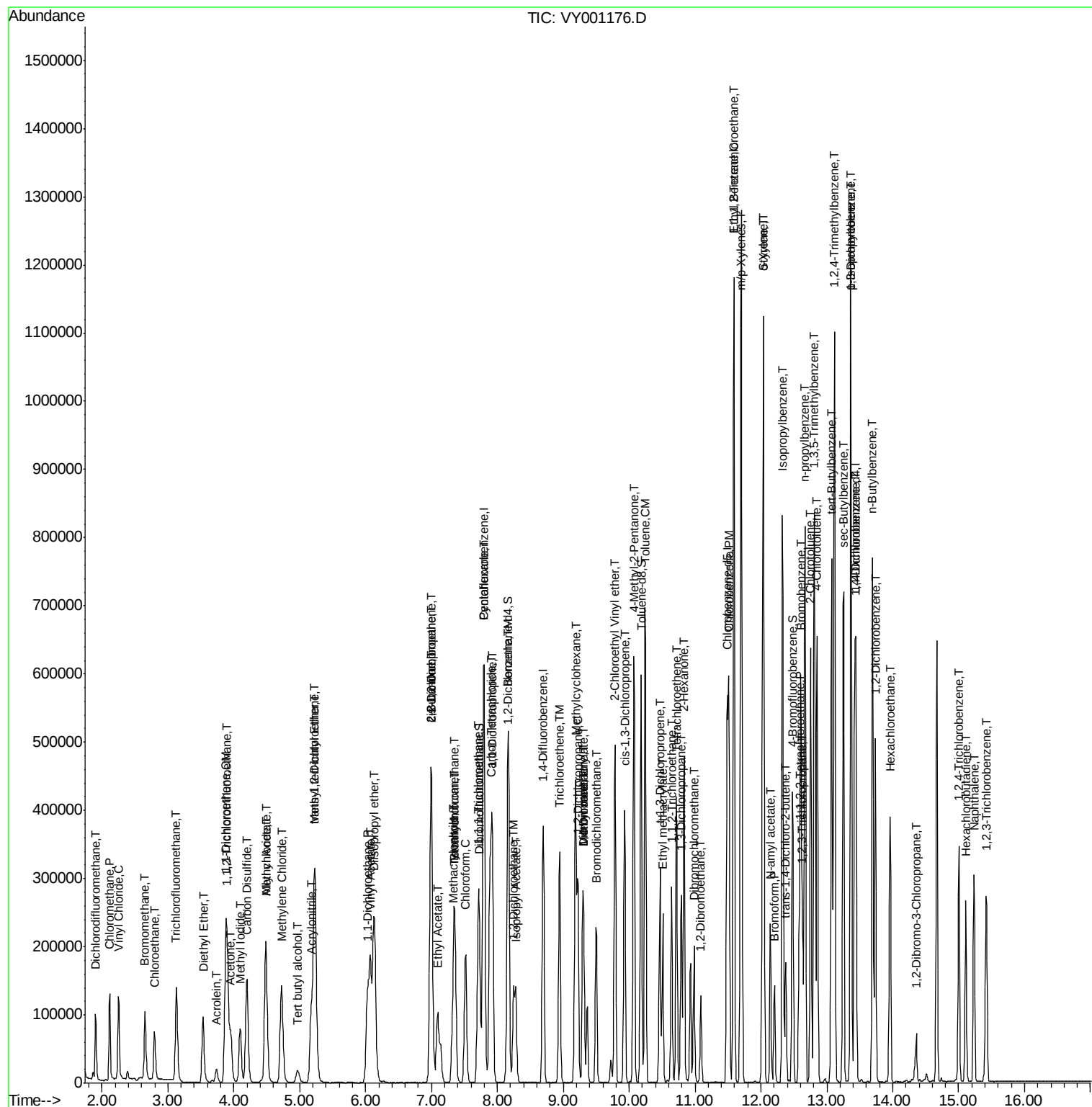
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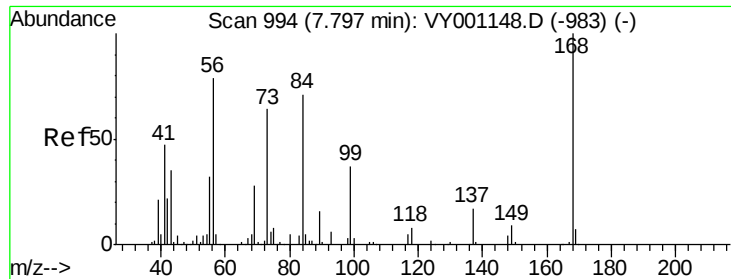
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion:168 Resp: 190077

Ion Ratio Lower Upper

168 100

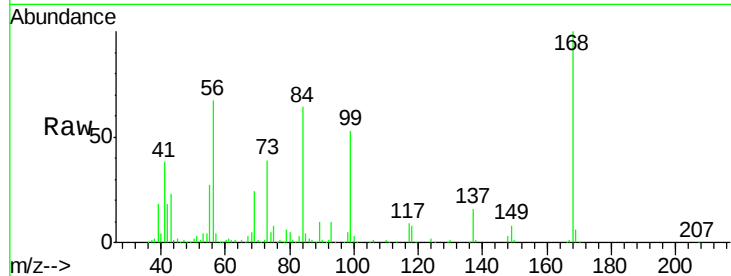
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Manual Integrations

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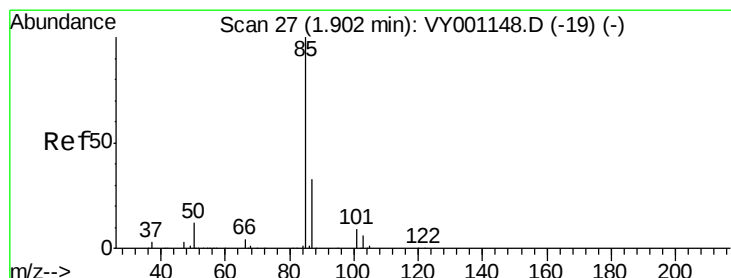
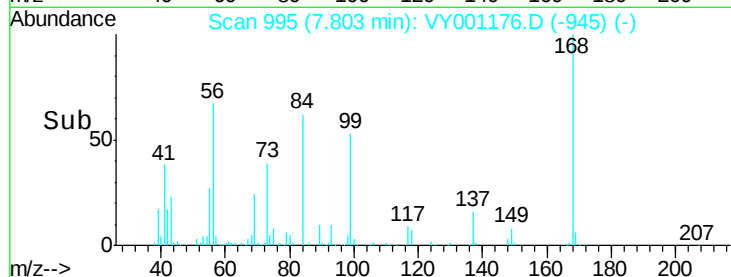
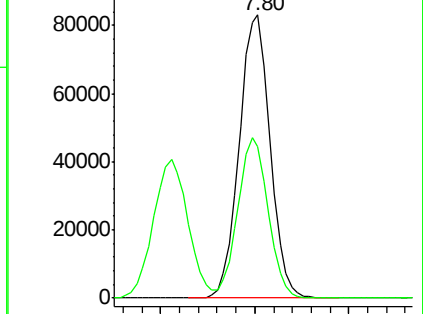
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Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 52.363 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY001176.D

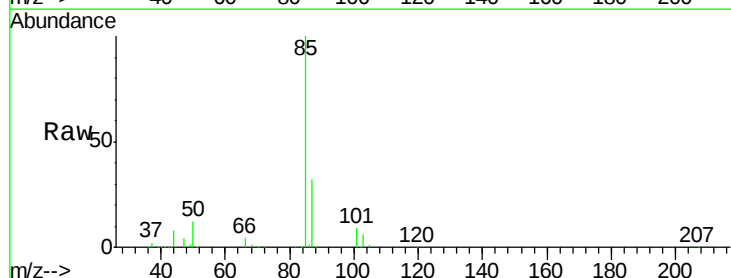
Acq: 13 Jan 2020 13:26

Tgt Ion: 85 Resp: 76439

Ion Ratio Lower Upper

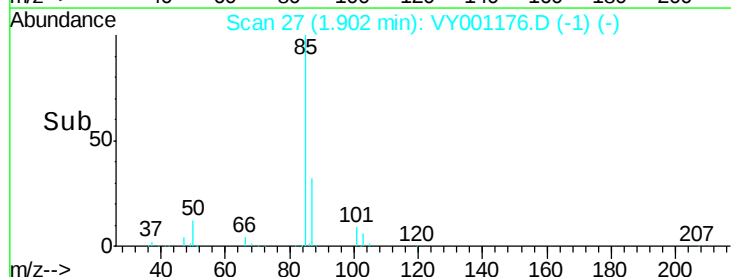
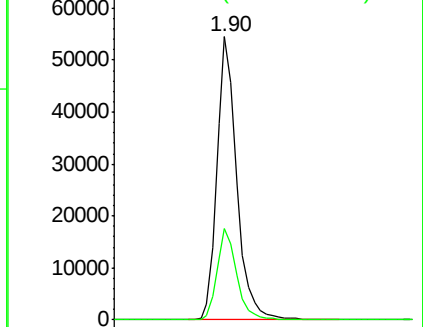
85 100

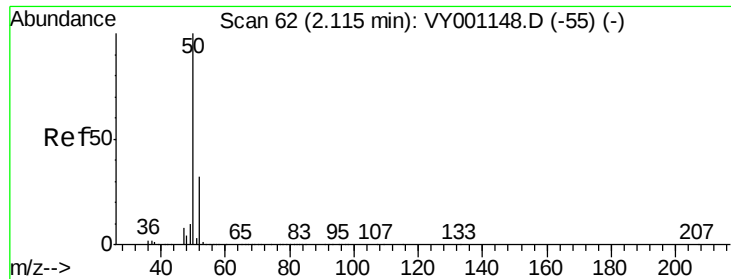
87 32.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)





#3

Chloromethane

Concen: 53.329 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 50 Resp: 112213

Ion Ratio Lower Upper

50 100

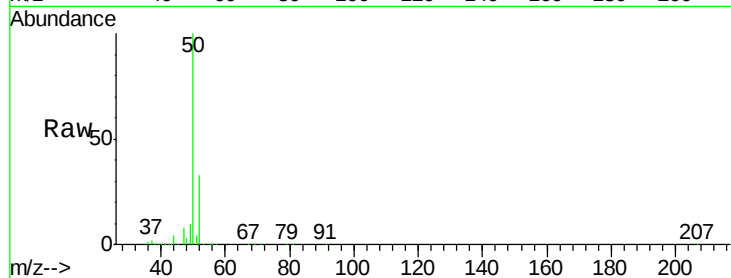
52 32.5 25.8 38.6

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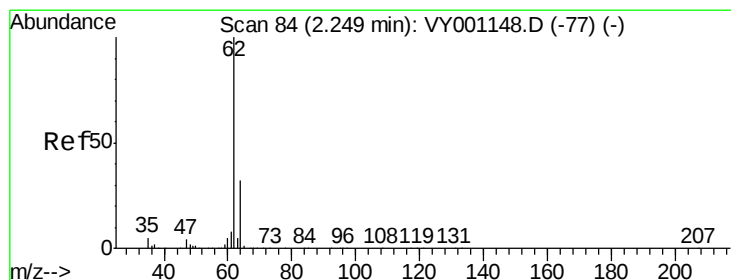
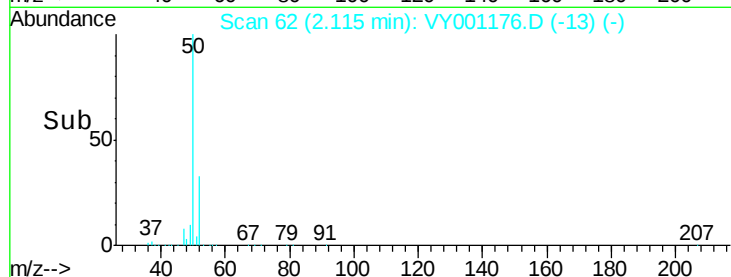
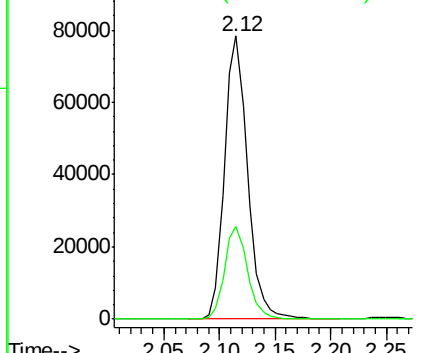
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 54.944 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY001176.D

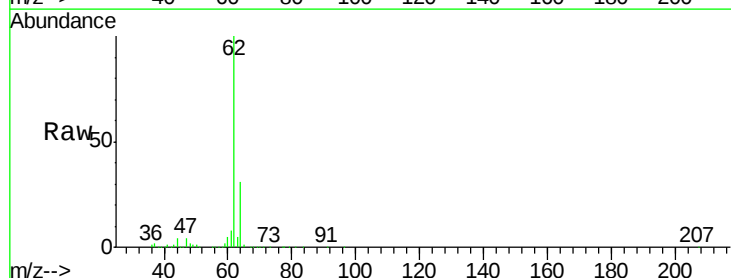
Acq: 13 Jan 2020 13:26

Tgt Ion: 62 Resp: 116470

Ion Ratio Lower Upper

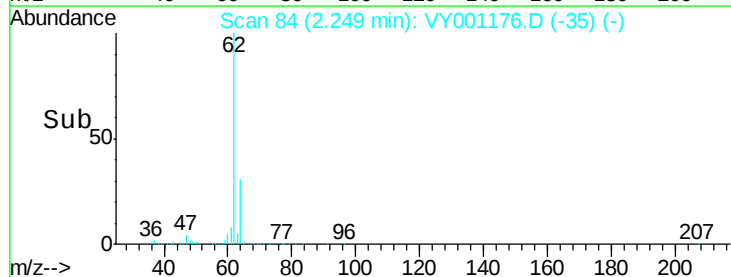
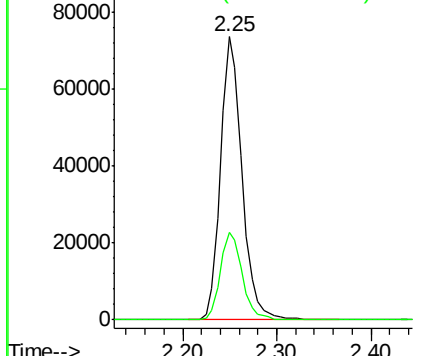
62 100

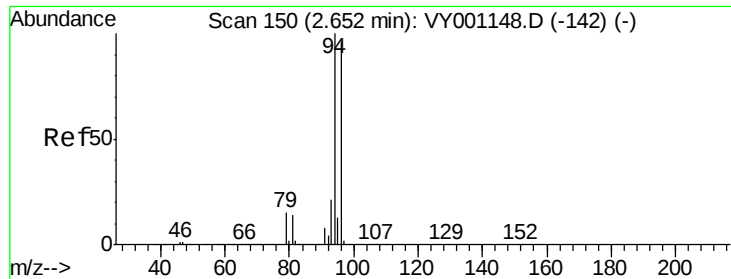
64 30.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 62.895 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

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Tot Ion: 94 Resp: 71616

Ion Ratio Lower Upper

94 100

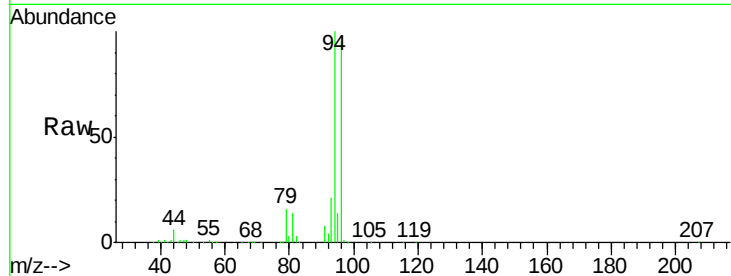
96 94.5 77.3 115.9

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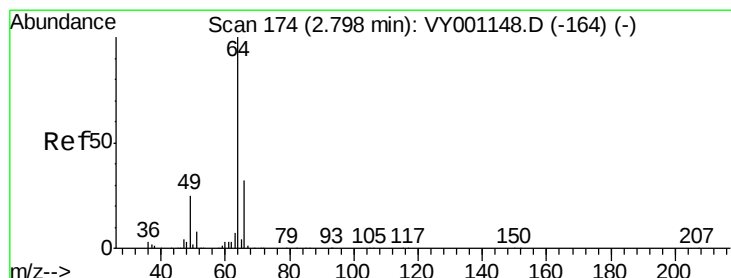
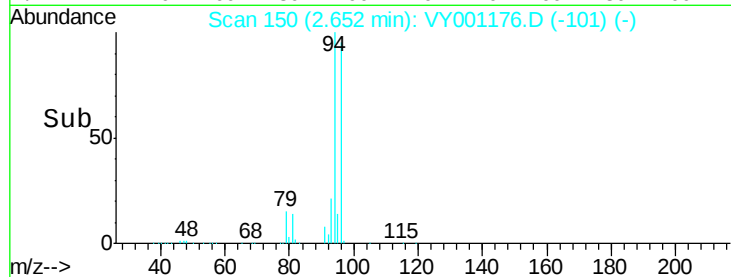
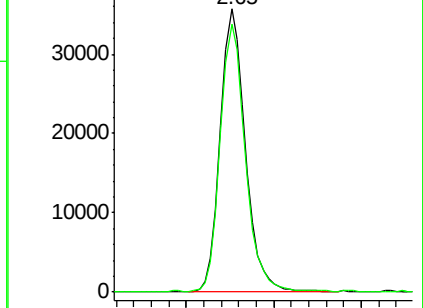
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 58.120 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY001176.D

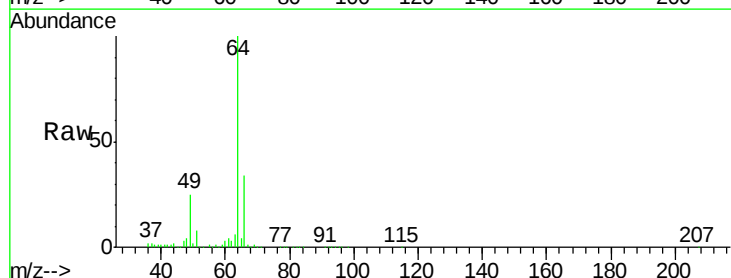
Acq: 13 Jan 2020 13:26

Tgt Ion: 64 Resp: 71177

Ion Ratio Lower Upper

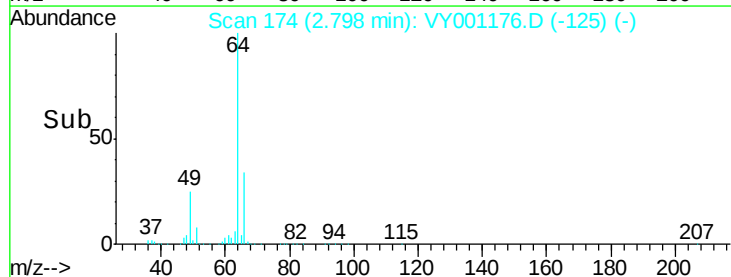
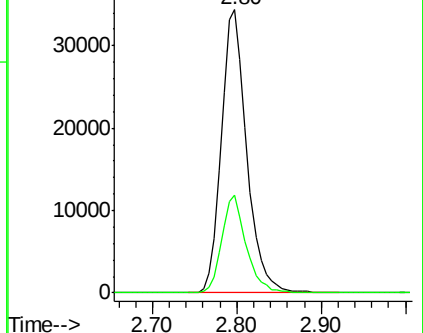
64 100

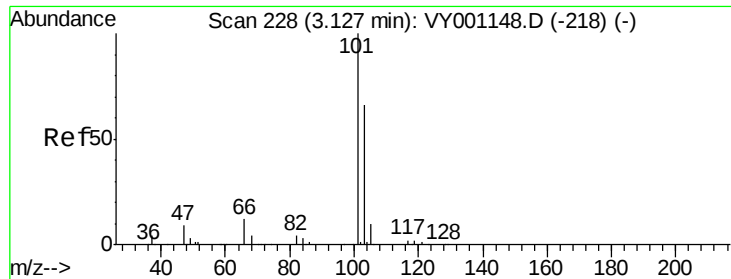
66 34.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

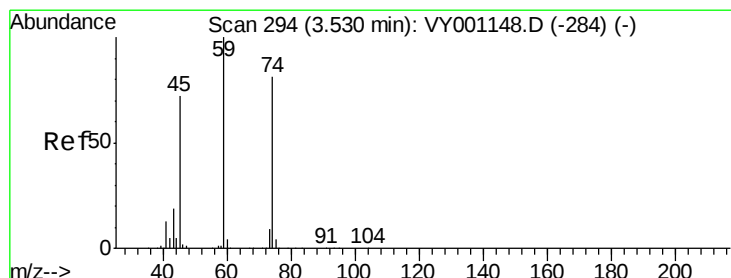
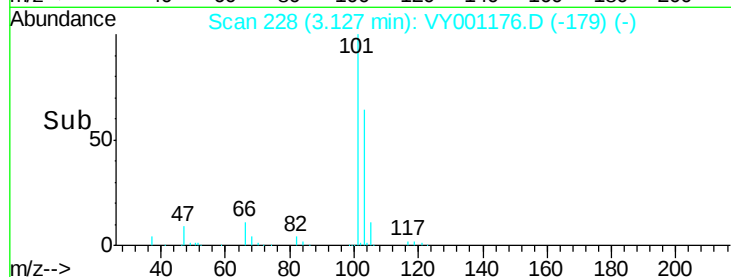
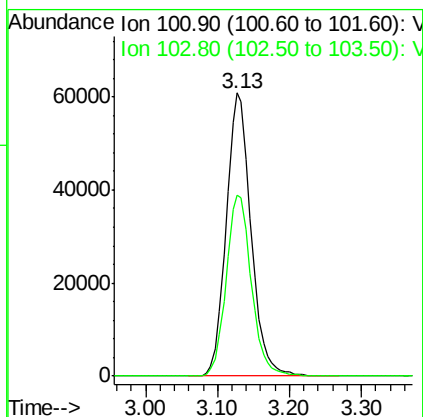
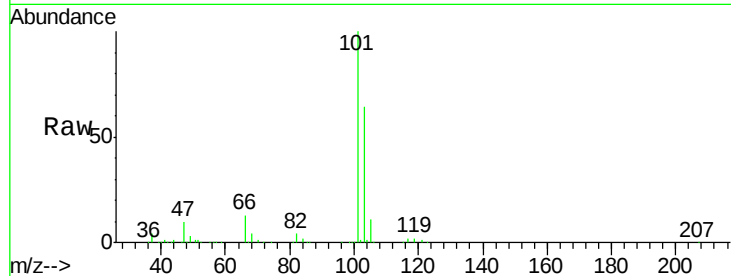
Trichlorofluoromethane
 Concen: 49.276 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.6	79.0

Manual Integrations
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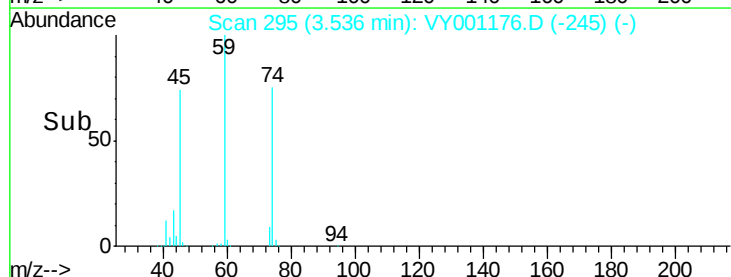
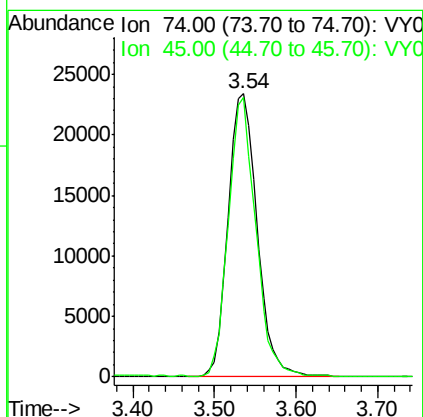
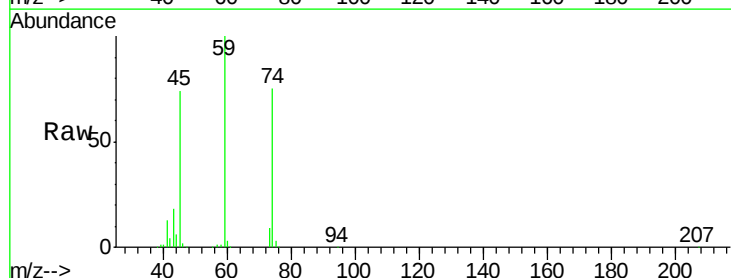
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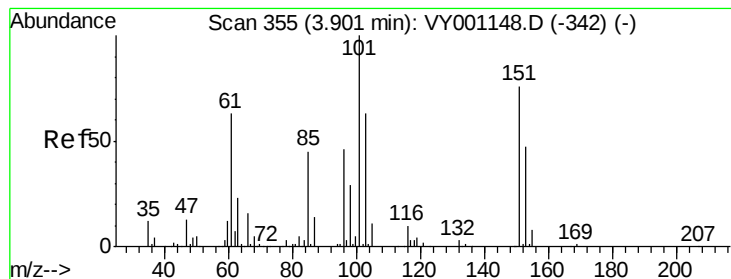


#8

Diethyl Ether
 Concen: 50.269 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.7	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.126 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

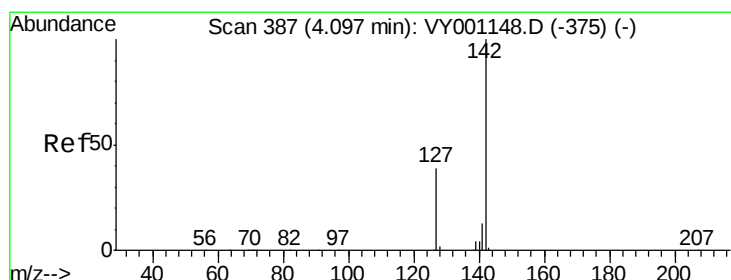
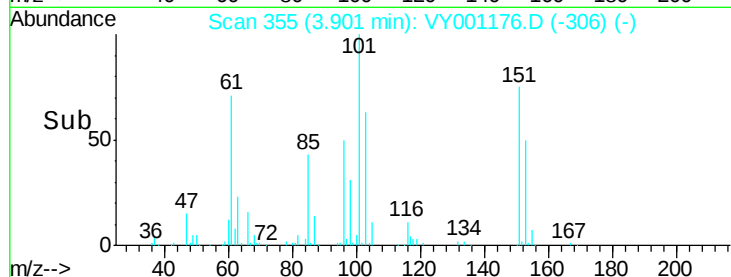
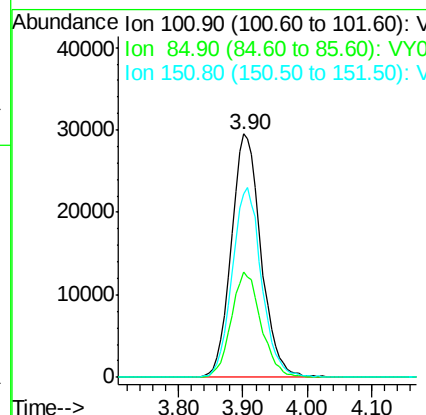
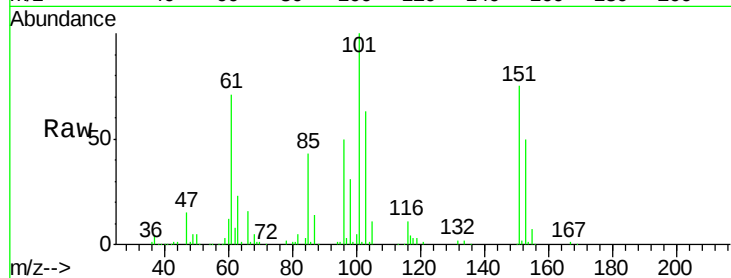
ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion:	101	Resp:	95204
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.2	52.8
151	77.2	61.4	92.2

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#10

Methyl Iodide

Concen: 51.613 ug/l

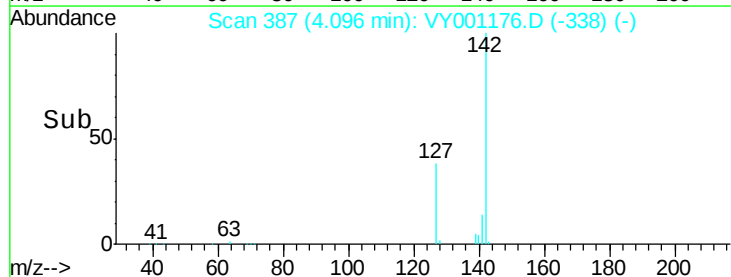
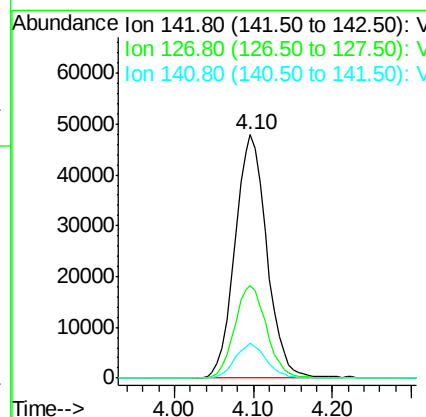
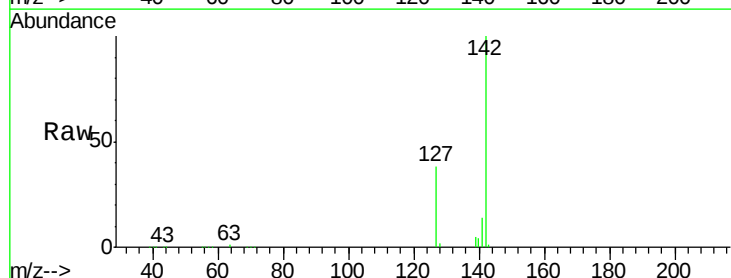
RT: 4.10 min Scan# 387

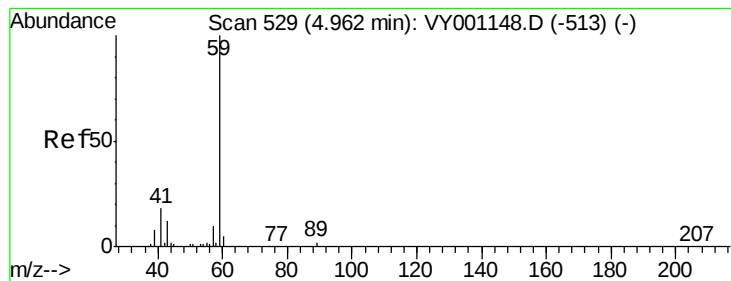
Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Tgt Ion:	142	Resp:	134177
Ion Ratio	Lower	Upper	
142	100		
127	38.3	30.8	46.2
141	14.1	11.0	16.4





#11

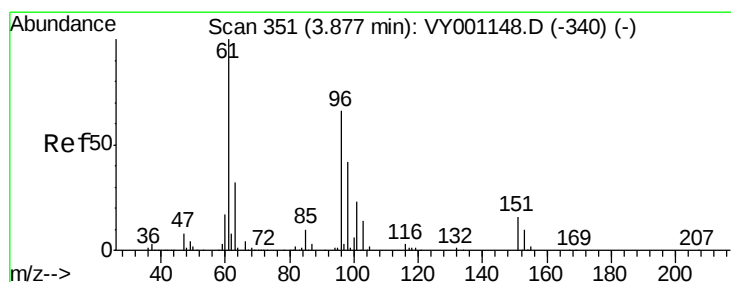
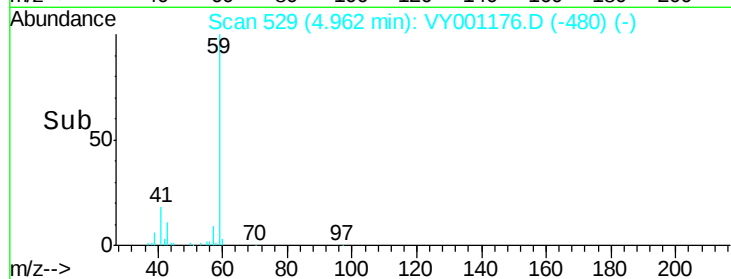
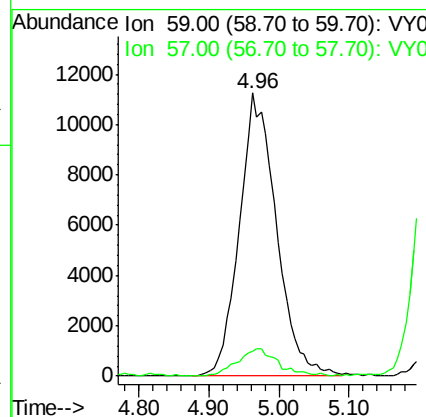
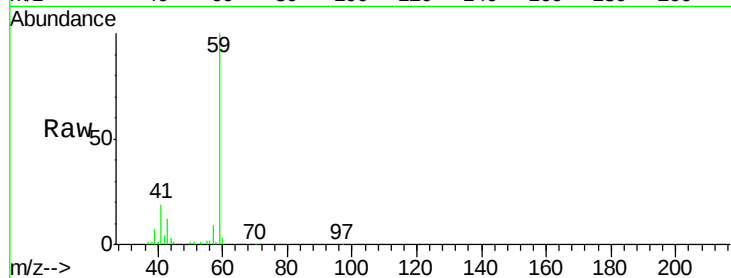
Tert butyl alcohol
 Concen: 205.108 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	59	Resp	41429
Ion Ratio	100	Lower	Upper
59	100		
57	10.5	7.8	11.8

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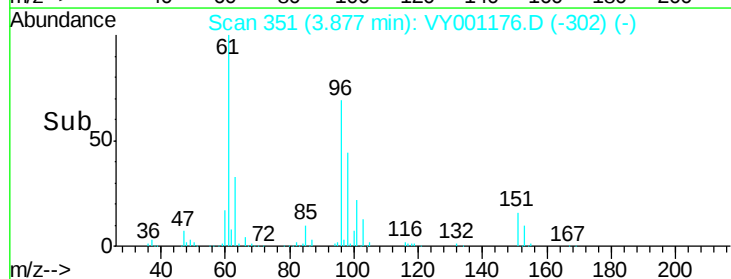
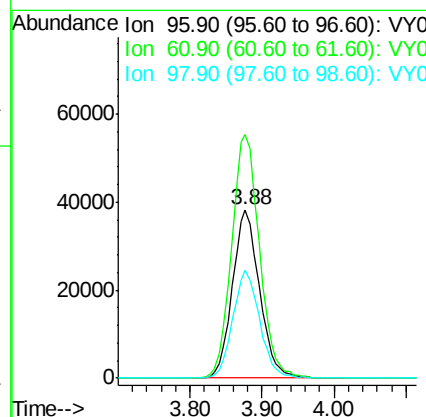
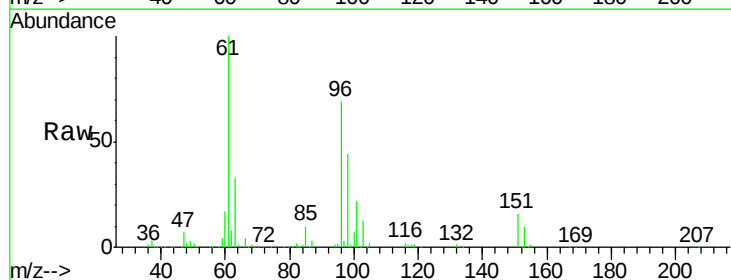
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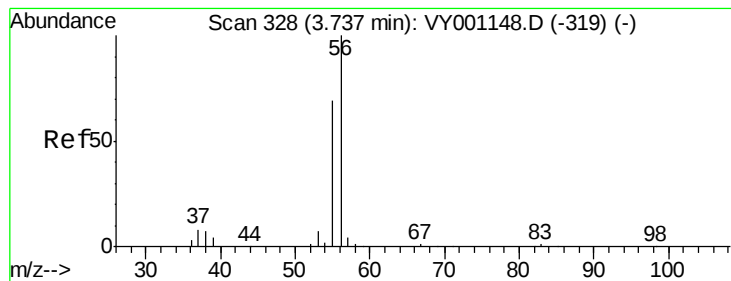


#12

1,1-Dichloroethene
 Concen: 51.594 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Tgt Ion	96	Resp	100255
Ion Ratio	100	Lower	Upper
96	100		
61	144.5	122.1	183.1
98	64.0	51.0	76.6





#13

Acrolein

Concen: 137.837 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 56 Resp: 25064

Ion Ratio Lower Upper

56 100

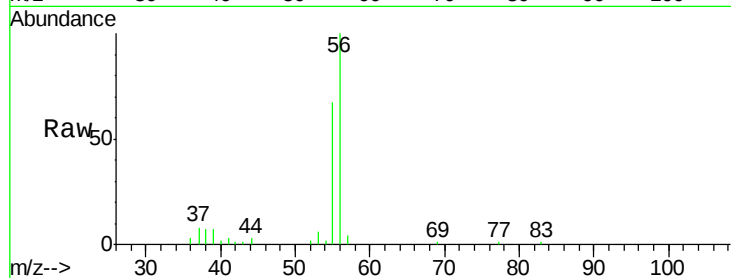
55 67.8 56.7 85.1

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

10000

8000

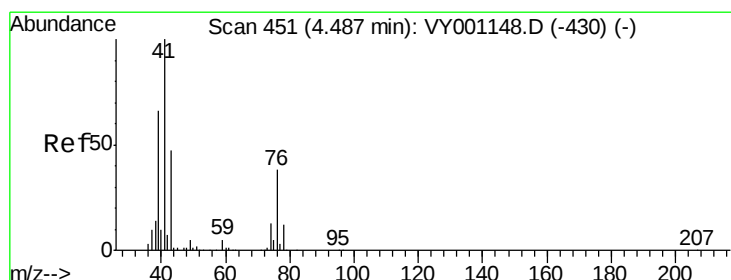
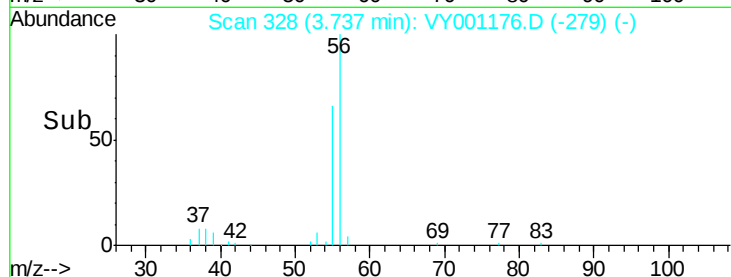
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 51.372 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

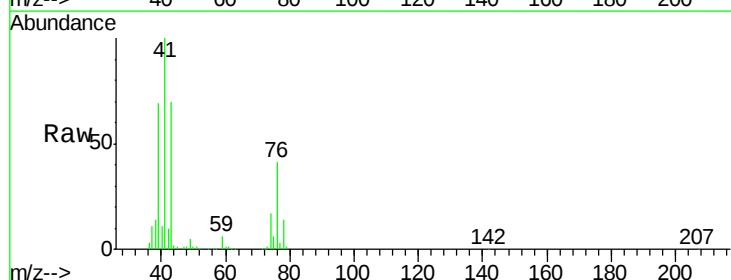
Tgt Ion: 41 Resp: 168478

Ion Ratio Lower Upper

41 100

39 64.9 52.6 78.8

76 38.2 30.2 45.2



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

80000

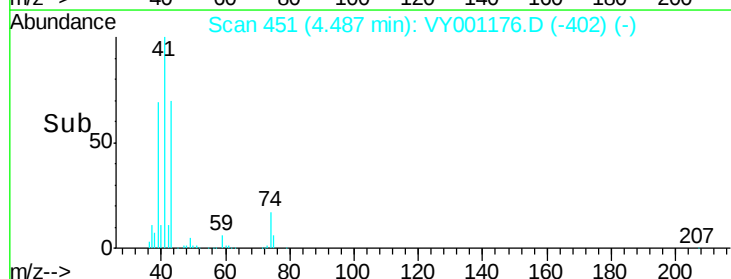
60000

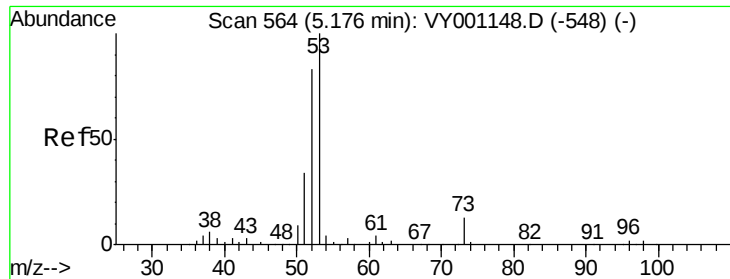
40000

20000

0

Time-->





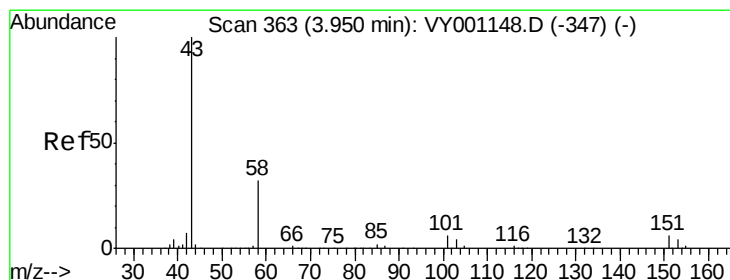
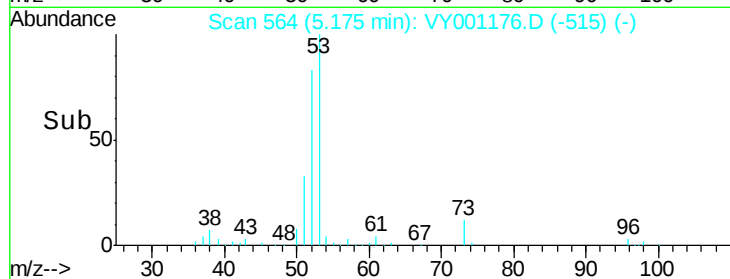
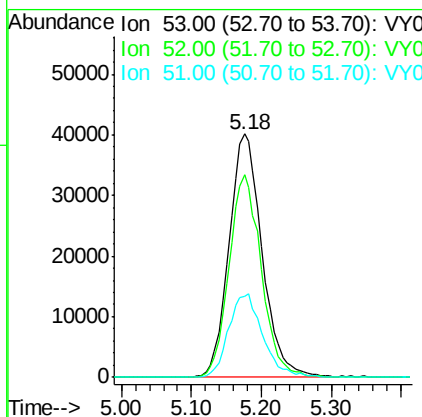
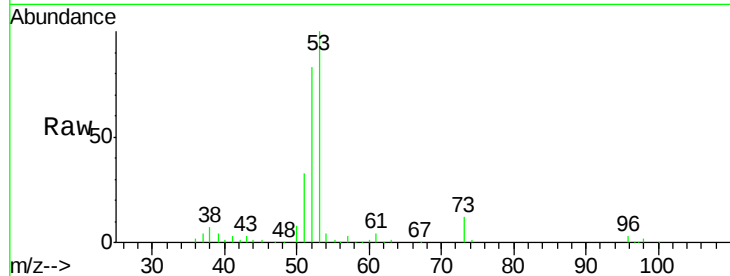
#15
 Acrylonitrile
 Concen: 230.571 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	53	Resp	132212
Ion Ratio	Lower	Upper	
53	100		
52	81.2	65.7	98.5
51	35.5	28.7	43.1

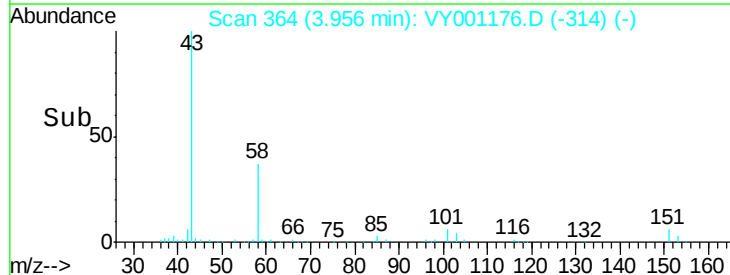
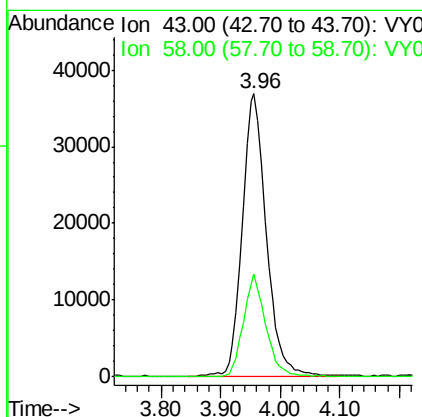
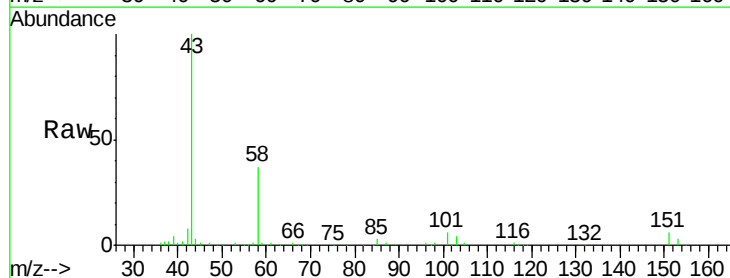
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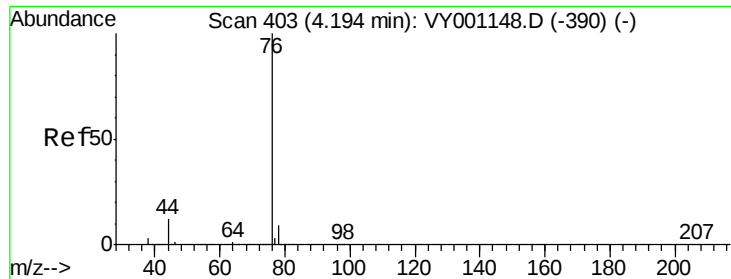
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#16
 Acetone
 Concen: 222.184 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Tgt Ion	43	Resp	103590
Ion Ratio	Lower	Upper	
43	100		
58	36.4	25.8	38.6





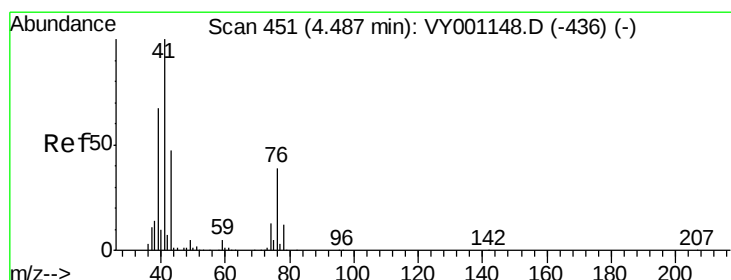
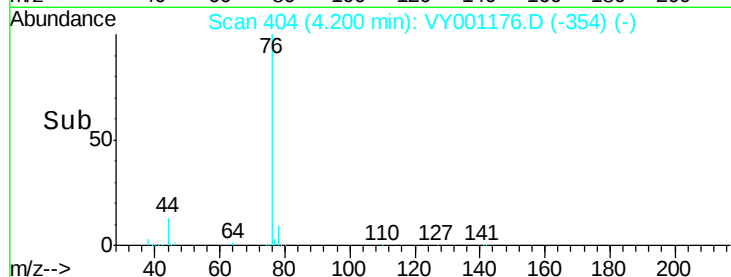
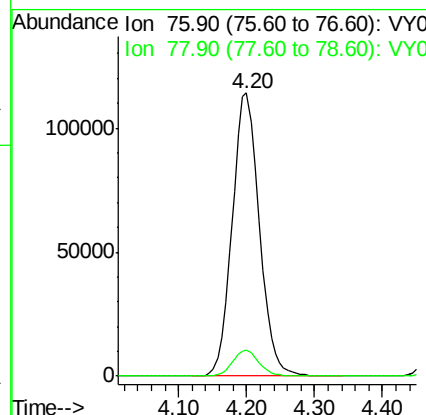
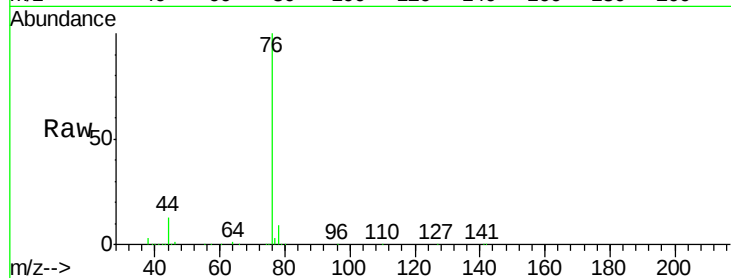
#17
Carbon Disulfide
Concen: 50.222 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
76	100	315847		
78	9.2		7.2	10.8

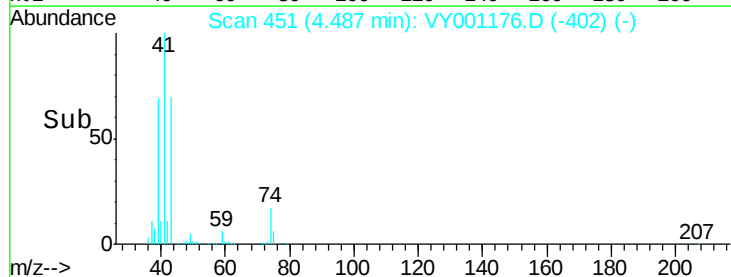
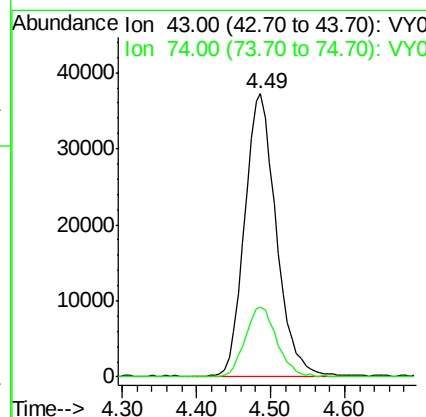
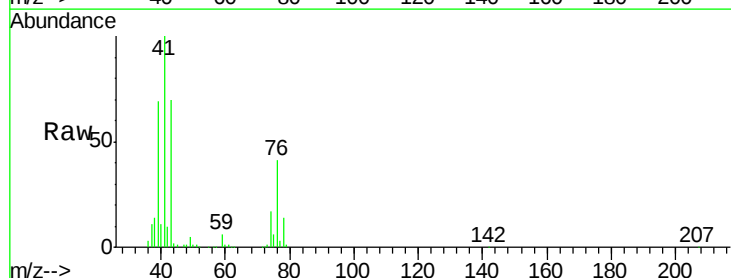
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#18
Methyl Acetate
Concen: 71.723 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	110560		
74	25.0		20.2	30.2





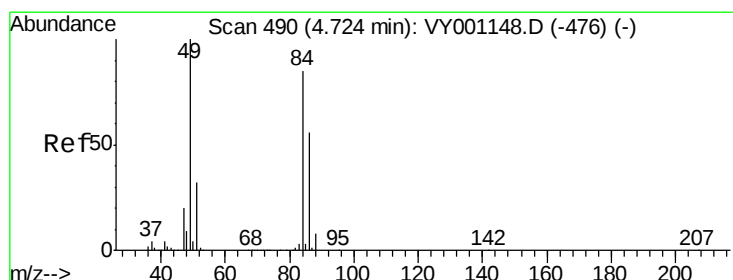
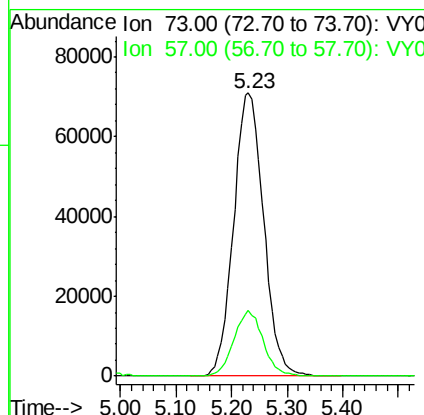
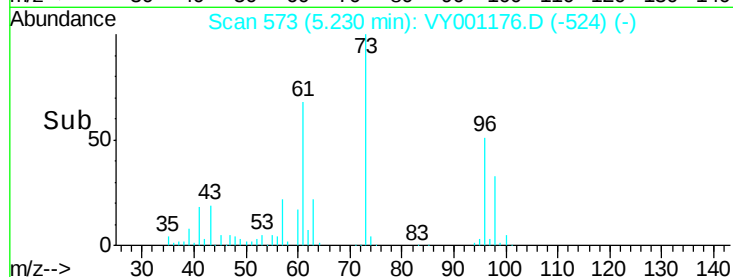
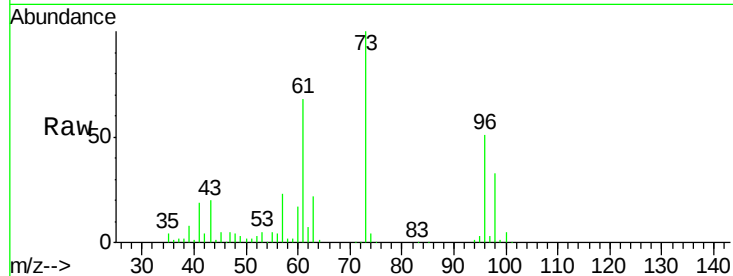
#19
Methvl tert-butvl Ether
Concen: 49.278 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion: 73 Resp: 264866
Ion Ratio Lower Upper
73 100
57 23.1 17.8 26.6

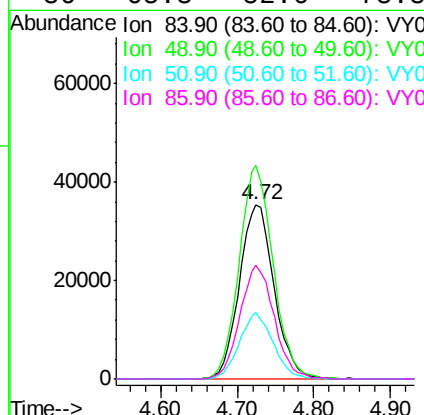
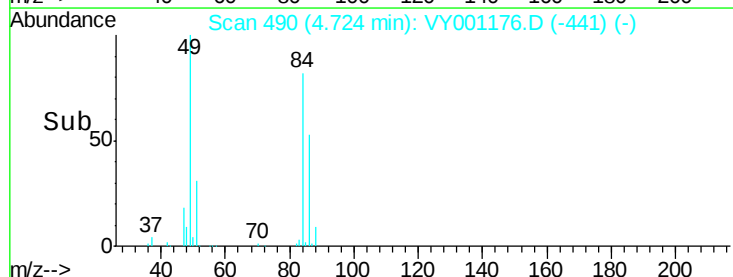
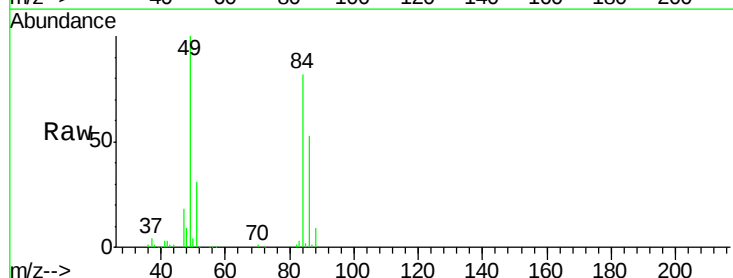
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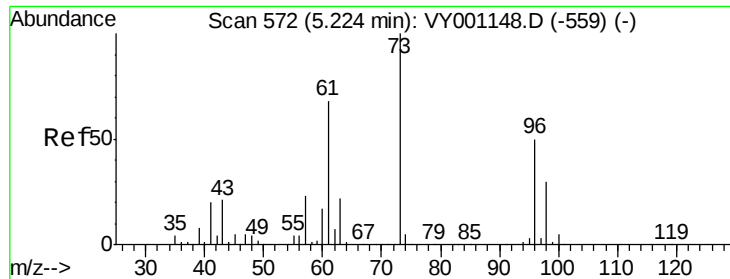
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#20
Methylene Chloride
Concen: 51.506 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Tgt Ion: 84 Resp: 111549
Ion Ratio Lower Upper
84 100
49 122.4 93.8 140.6
51 38.0 29.9 44.9
86 65.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 51.551 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 96 Resp: 113582

Ion Ratio Lower Upper

96 100

61 131.7 107.6 161.4

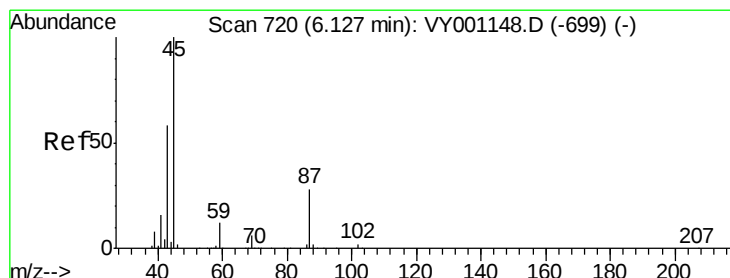
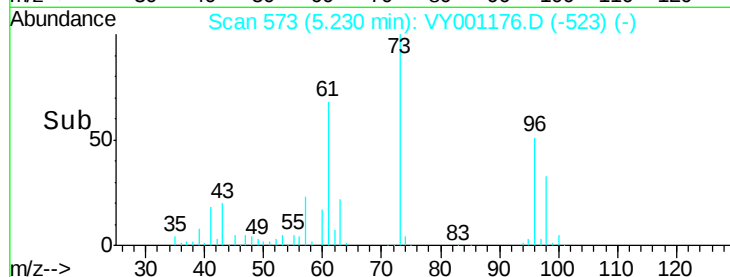
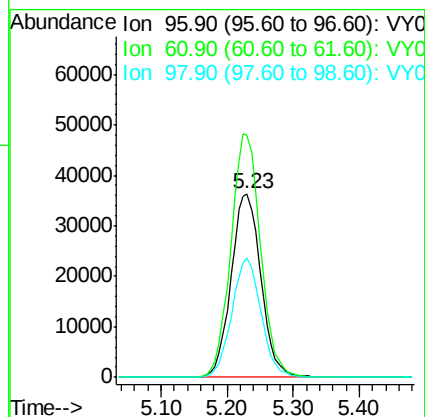
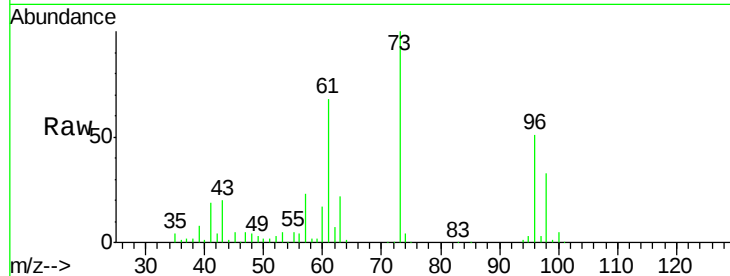
98 65.0 47.6 71.4

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#22

Diisopropyl ether

Concen: 50.431 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Tgt Ion: 45 Resp: 337804

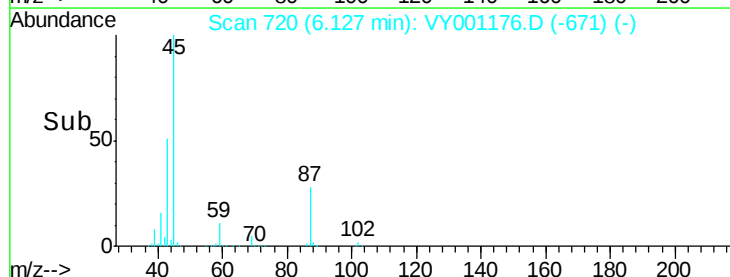
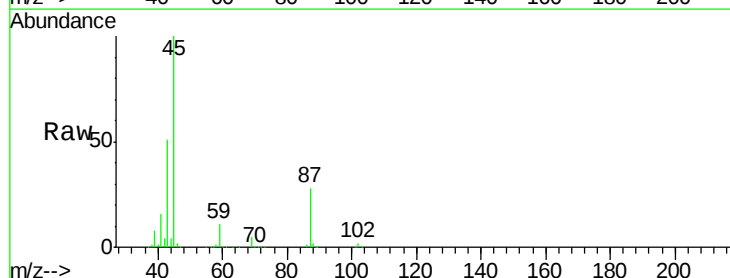
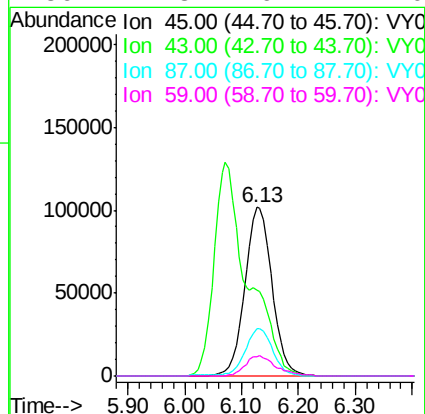
Ion Ratio Lower Upper

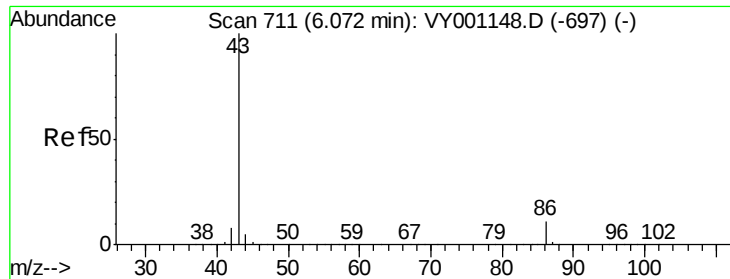
45 100

43 50.8 46.5 69.7

87 28.3 22.5 33.7

59 11.3 9.4 14.0





#23

Vinyl Acetate

Concen: 123.534 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 43 Resp: 529208

Ion Ratio Lower Upper

43 100

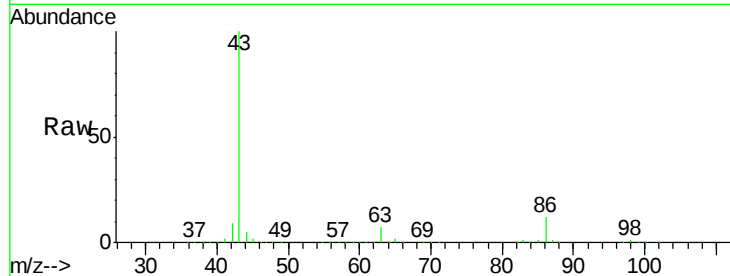
86 11.7 9.0 13.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

150000

100000

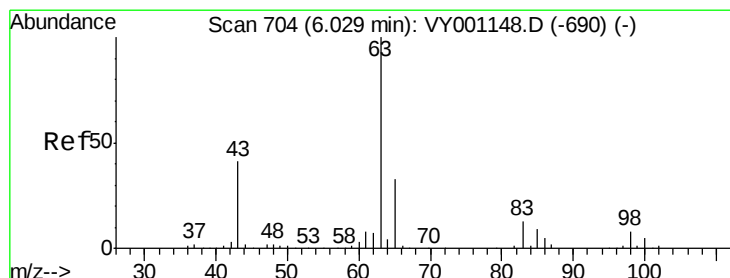
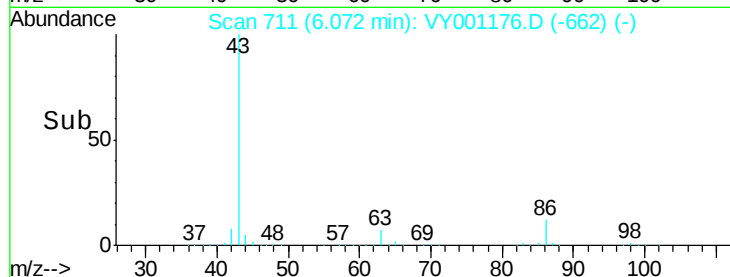
50000

0

6.07

6.00 6.10 6.20 6.30

Time-->



#24

1,1-Dichloroethane

Concen: 52.116 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

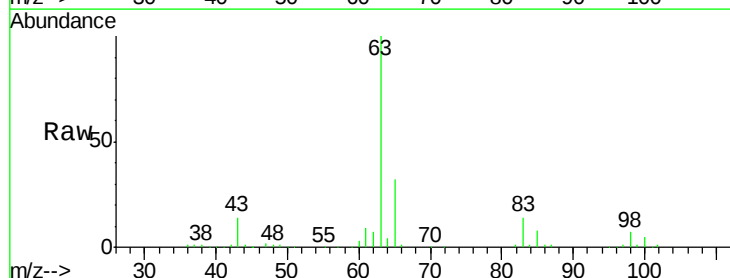
Tgt Ion: 63 Resp: 191115

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

100 4.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

80000

60000

40000

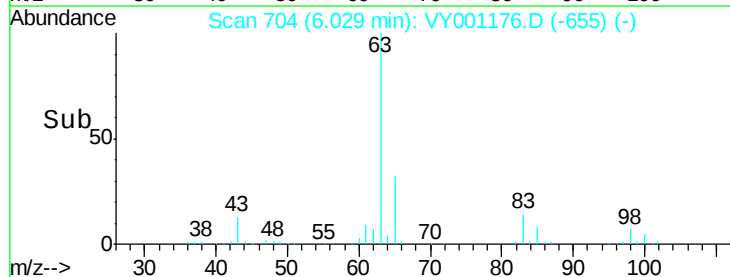
20000

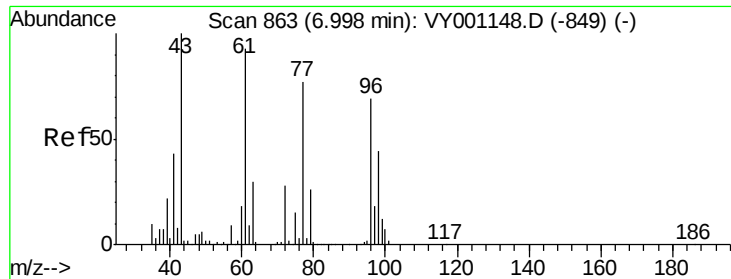
0

6.03

5.90 6.00 6.10 6.20

Time-->





#25

2-Butanone

Concen: 231.863 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 43 Resp: 168246

Ion Ratio Lower Upper

43 100

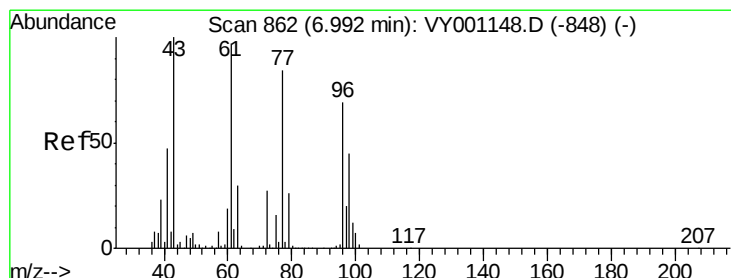
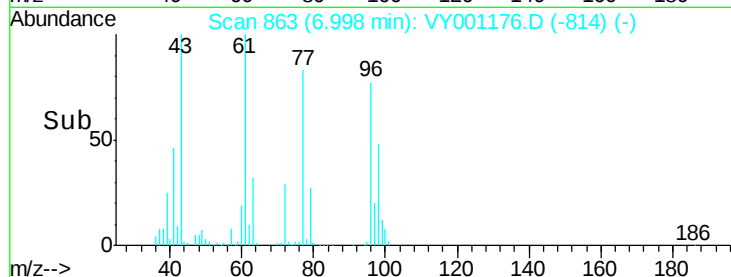
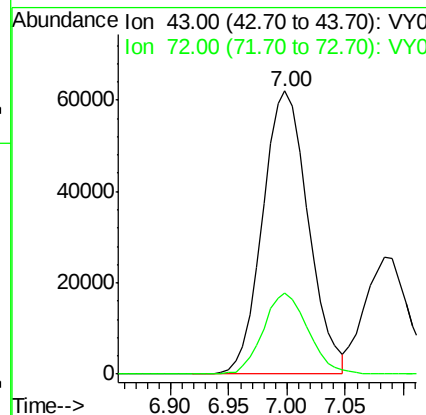
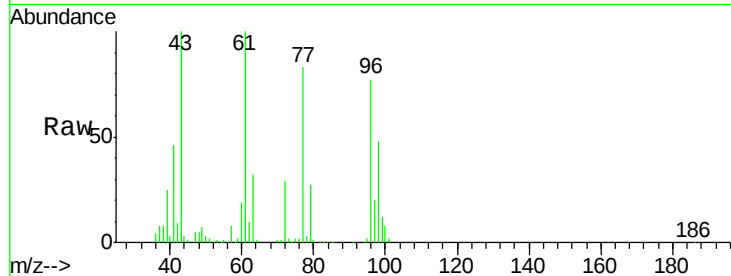
72 28.8 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.877 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY001176.D

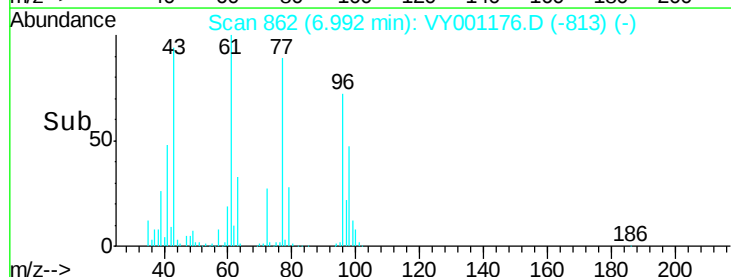
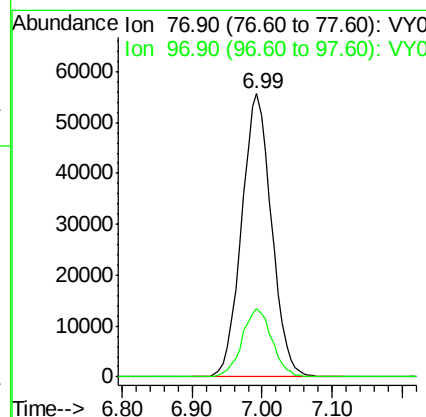
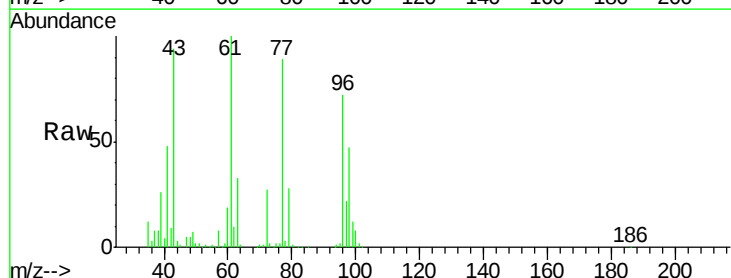
Acq: 13 Jan 2020 13:26

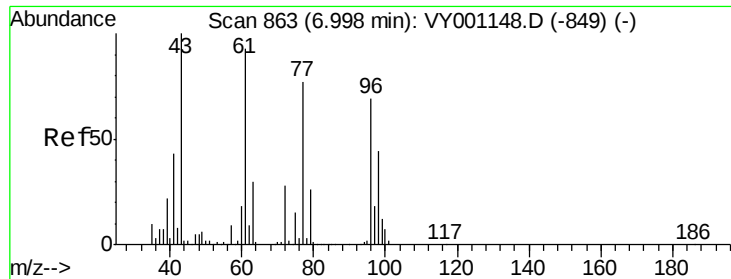
Tgt Ion: 77 Resp: 164823

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.7





#27

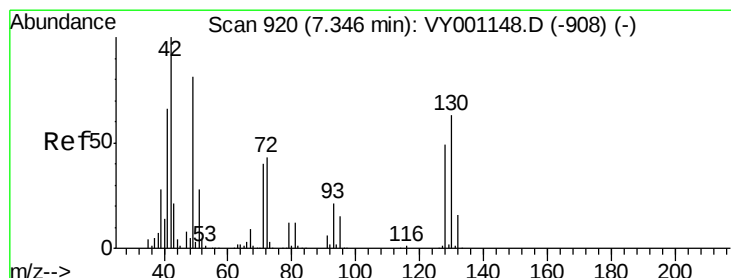
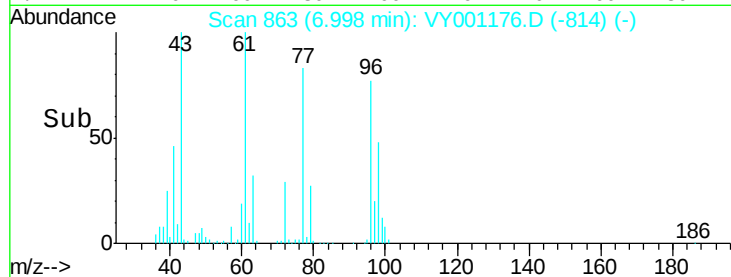
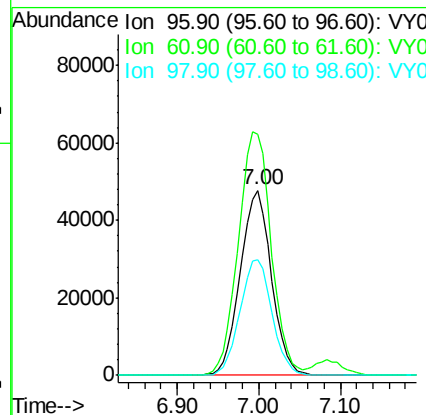
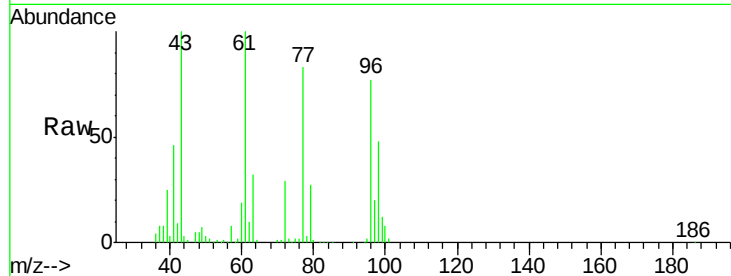
cis-1,2-Dichloroethene
 Concen: 52.338 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	126358		
61	138.6	0.0	284.0	
98	64.2	0.0	130.2	

Manual Integrations
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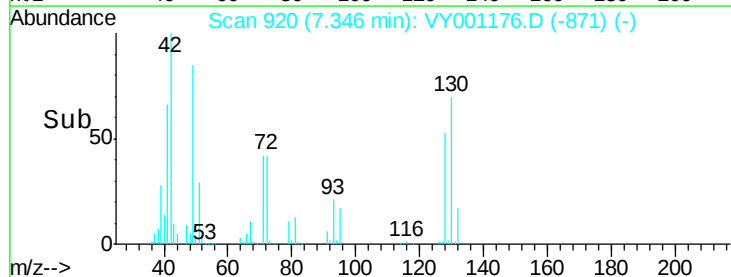
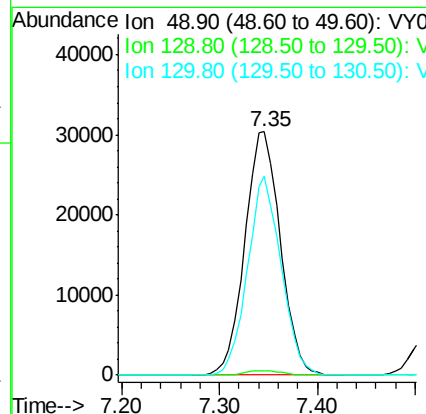
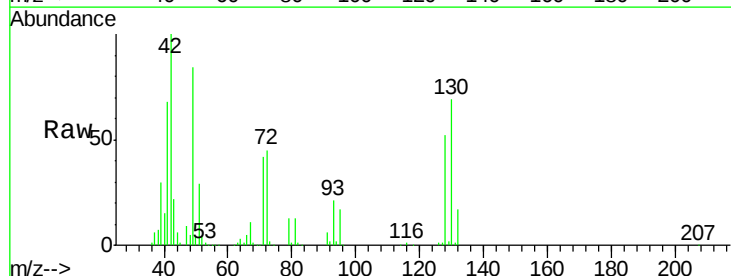
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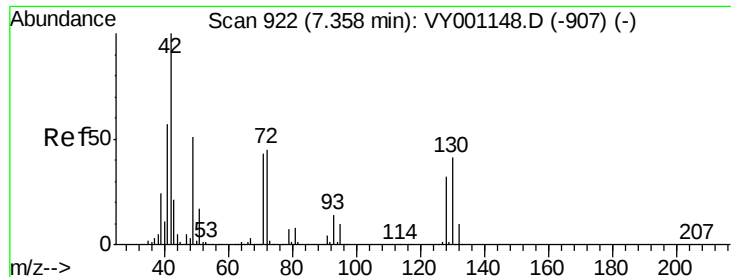


#28

Bromochloromethane
 Concen: 50.820 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	76528		
129	2.0	0.0	4.4	
130	77.3	61.2	91.8	





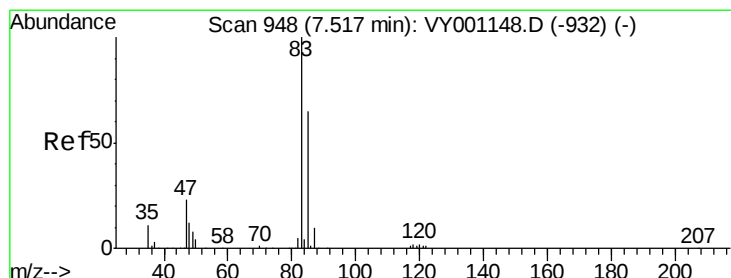
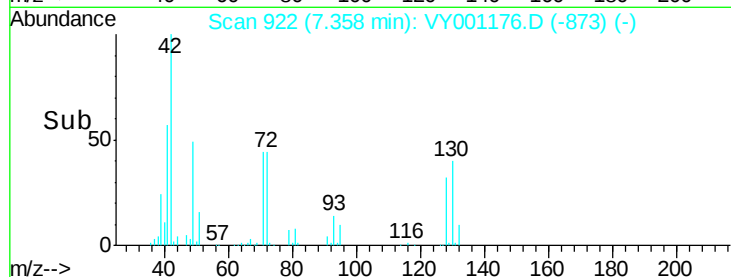
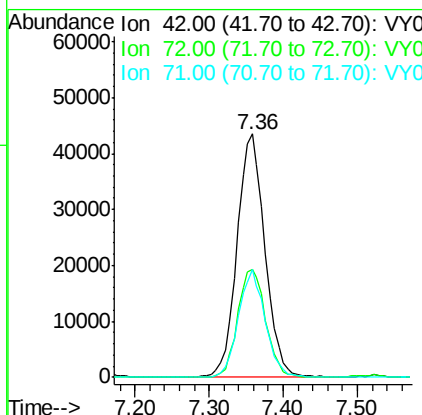
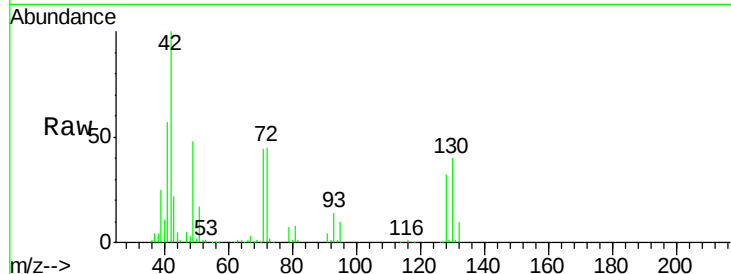
#29
Tetrahydrofuran
Concen: 230.032 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	36.9	55.3
71	42.3	34.0	51.0

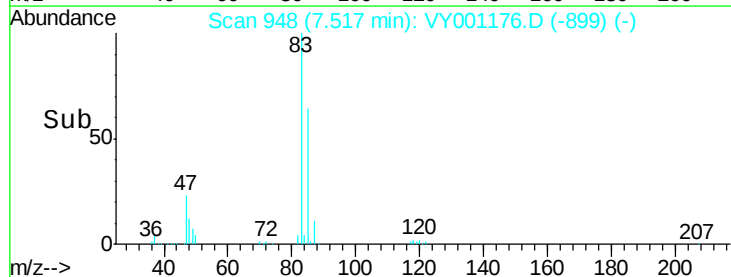
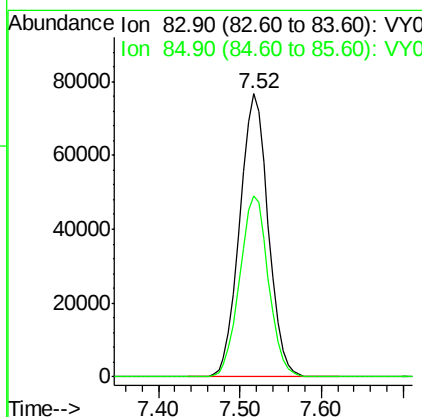
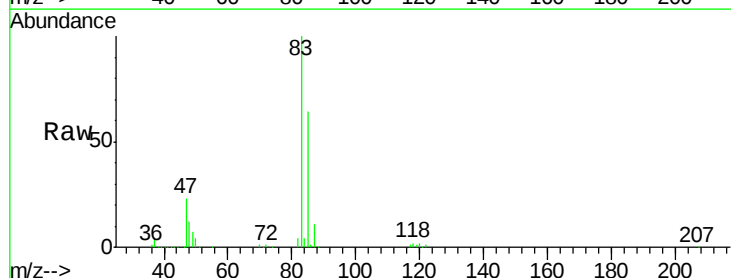
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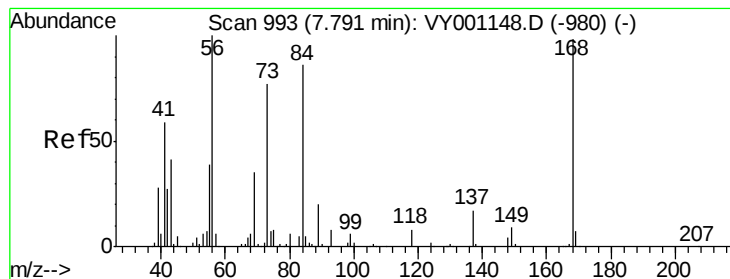
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#30
Chloroform
Concen: 51.721 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.9	77.9





#31

Cyclohexane

Concen: 47.528 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 56 Resp: 184538

Ion Ratio Lower Upper

56 100

69 34.6 27.8 41.8

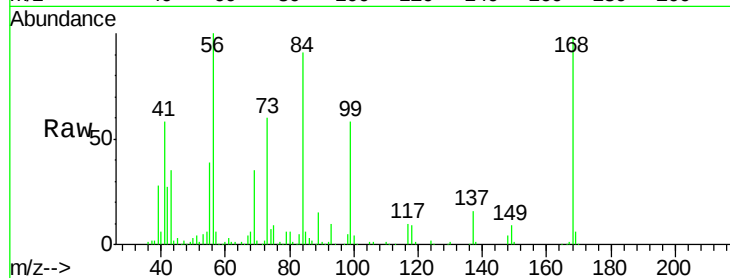
84 89.5 68.9 103.3

Manual Integrations

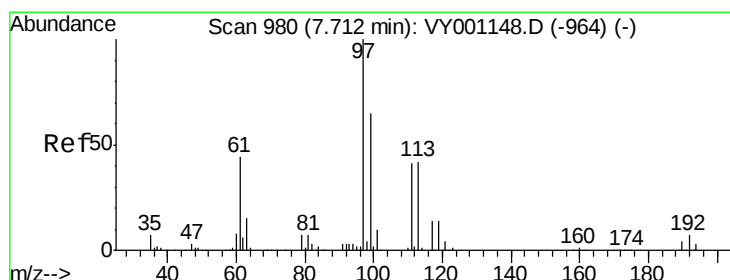
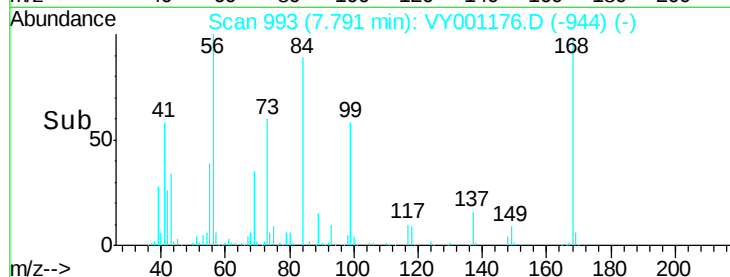
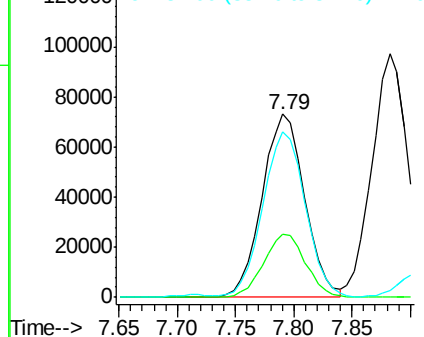
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 50.744 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

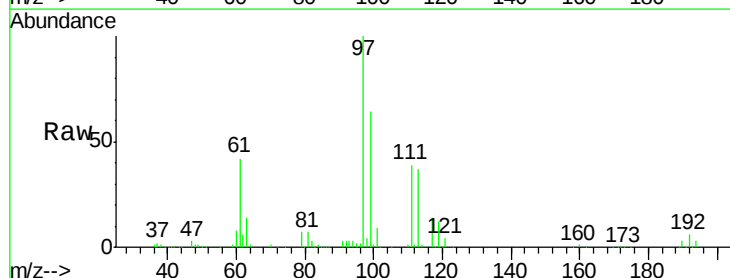
Tgt Ion: 97 Resp: 161777

Ion Ratio Lower Upper

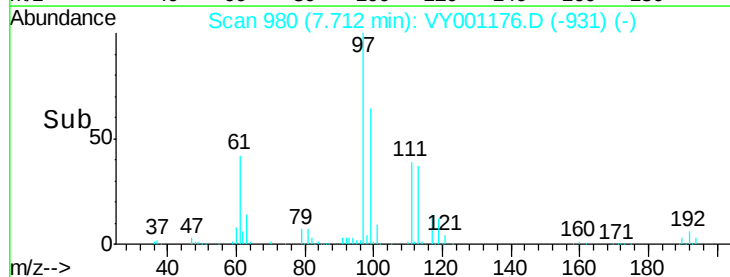
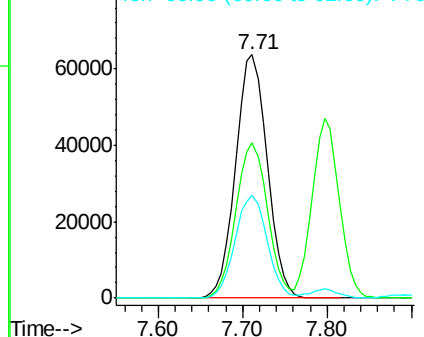
97 100

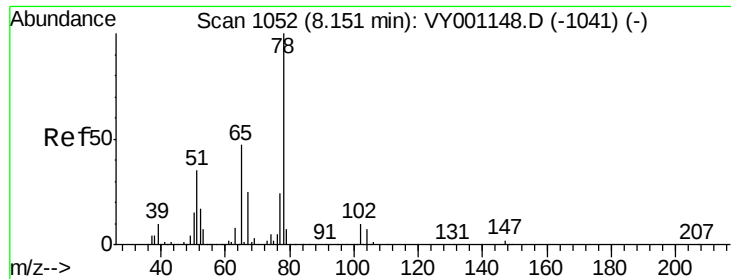
99 64.6 51.3 76.9

61 43.0 34.6 52.0



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





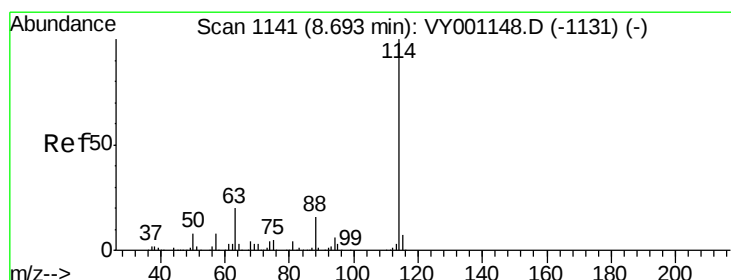
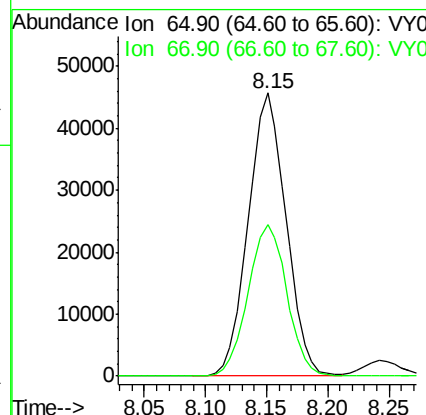
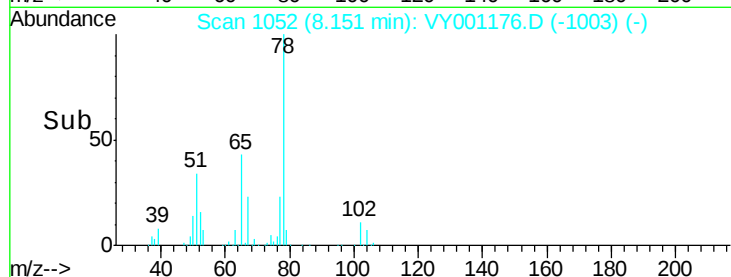
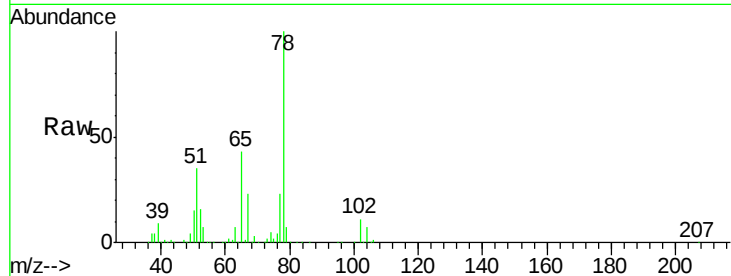
#33
 1,2-Dichloroethane-d4
 Concen: 49.000 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	105.2

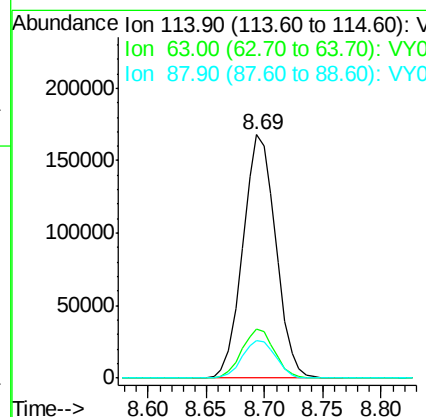
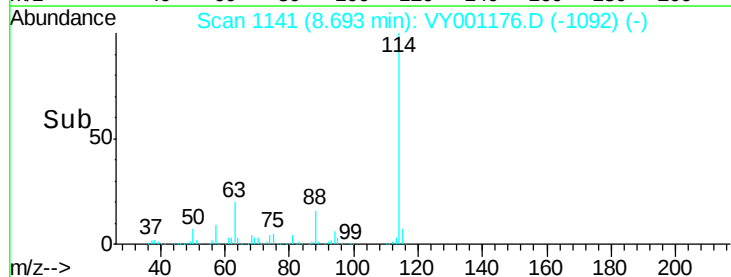
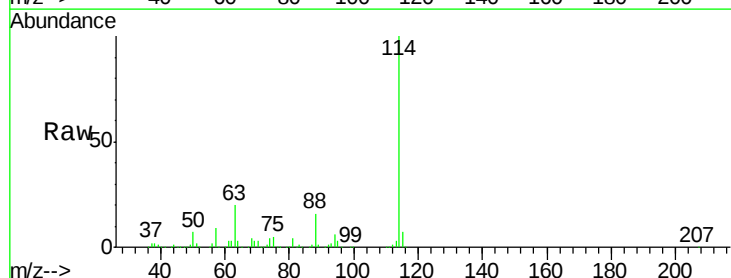
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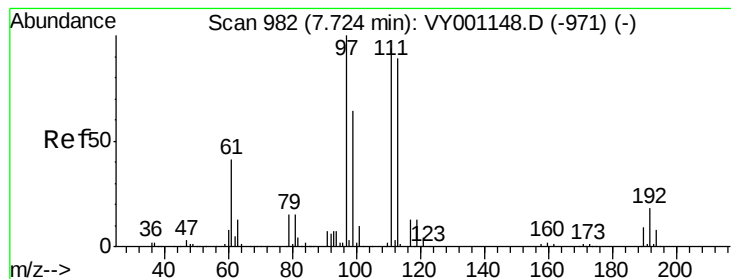
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.8
88	15.6	0.0	32.4





#35

Dibromofluoromethane

Concen: 49.616 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

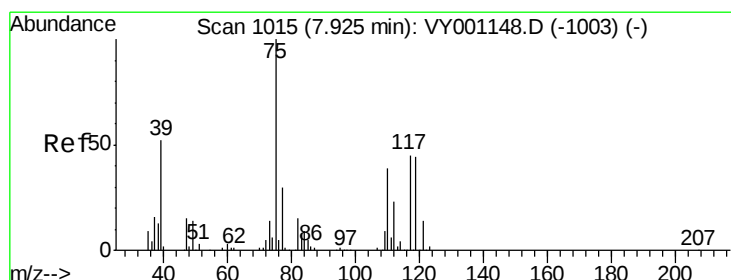
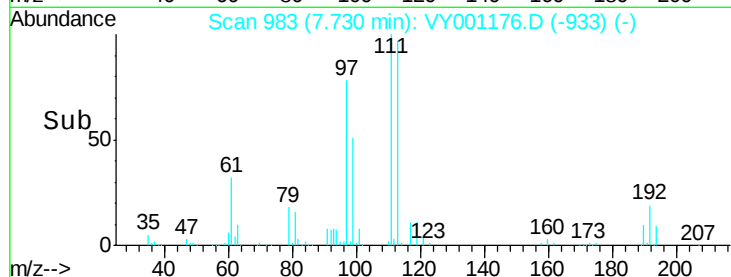
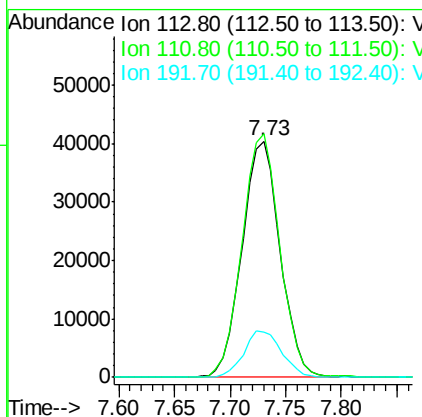
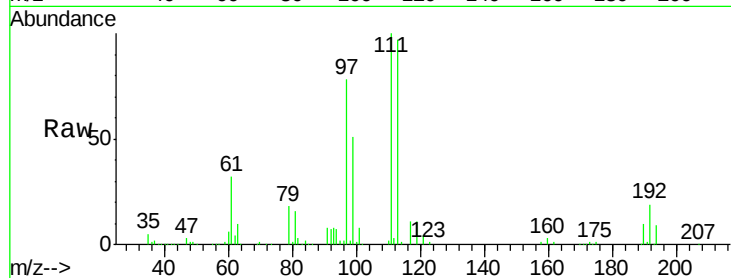
ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion:	113	Resp:	96078
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	19.7	15.4	23.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.821 ug/l

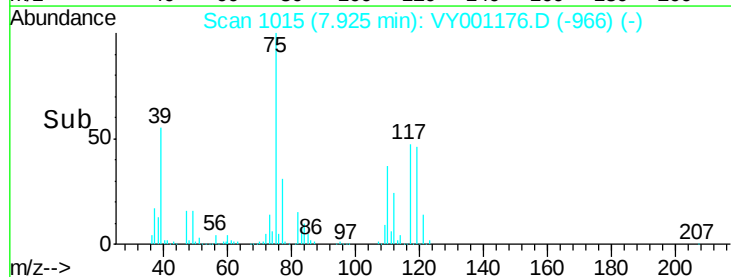
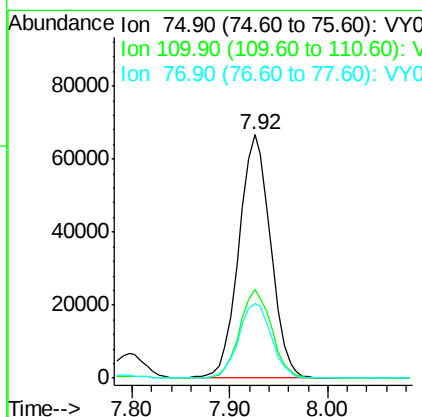
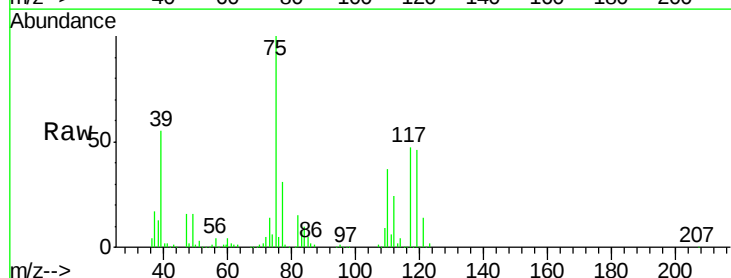
RT: 7.92 min Scan# 1015

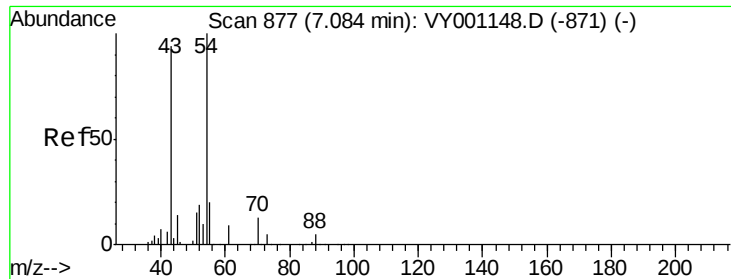
Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Tgt Ion:	75	Resp:	150180
Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.3	54.8
77	31.9	25.1	37.7





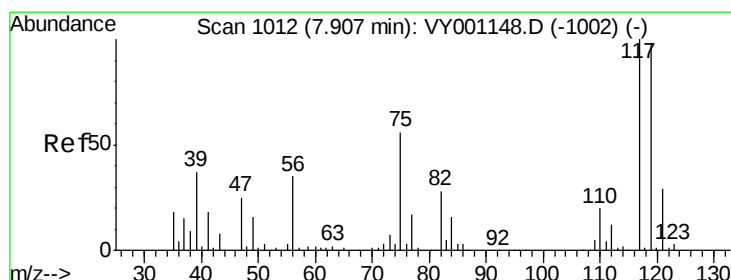
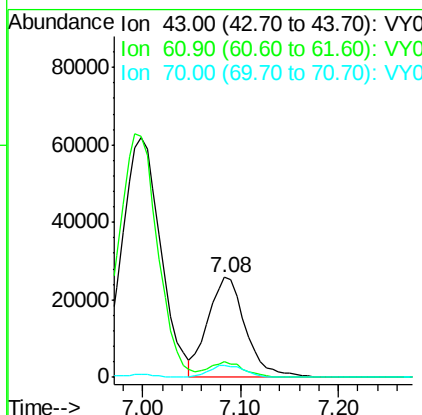
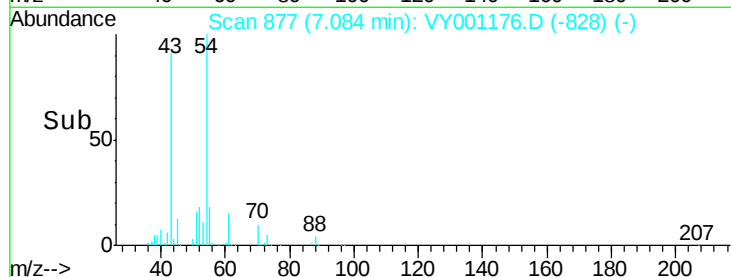
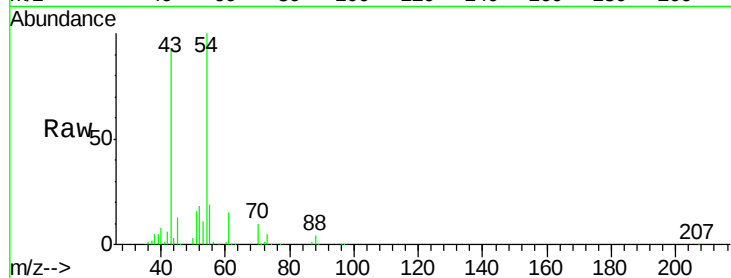
#37
Ethyl Acetate
Concen: 38.879 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.1	16.7
70	11.7	9.7	14.5

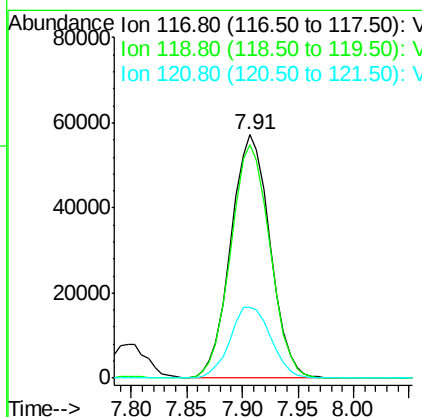
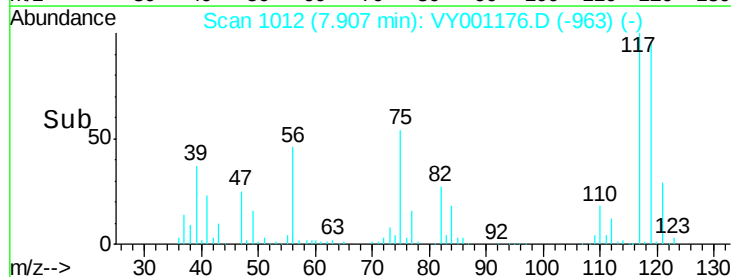
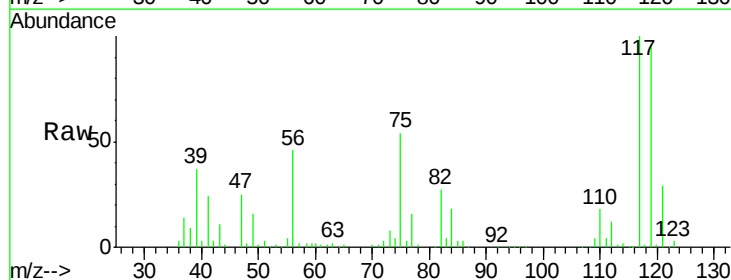
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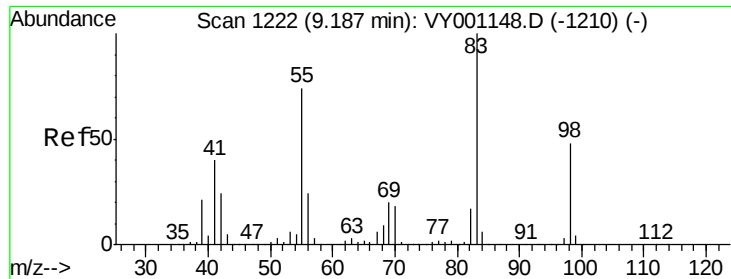
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#38
Carbon Tetrachloride
Concen: 50.608 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.3	117.5
121	28.9	23.5	35.3





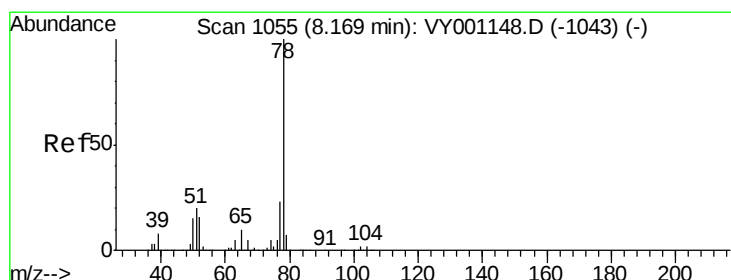
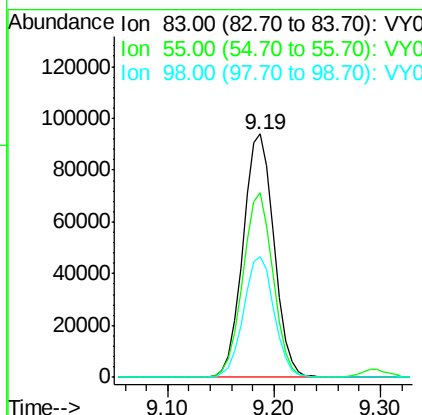
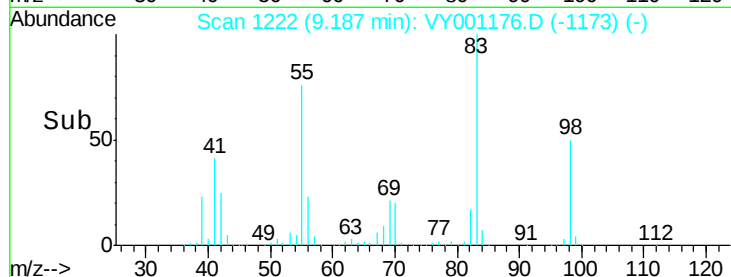
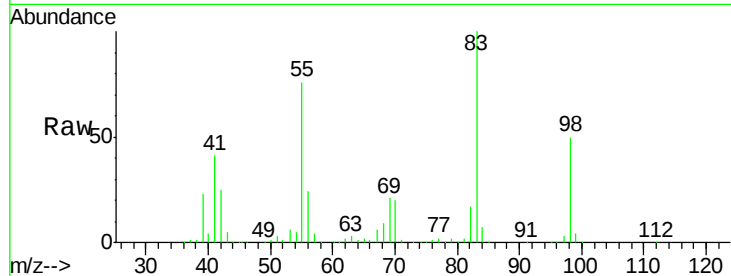
#39
Methvlcvclohexane
Concen: 46.978 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	191986		
55	75.6		58.9	88.3
98	49.7		38.4	57.6

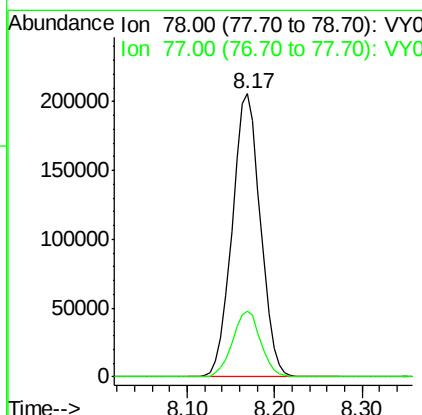
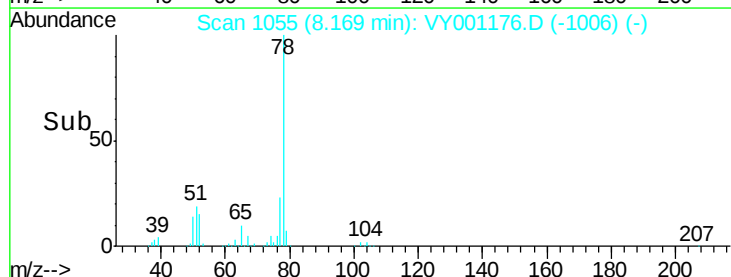
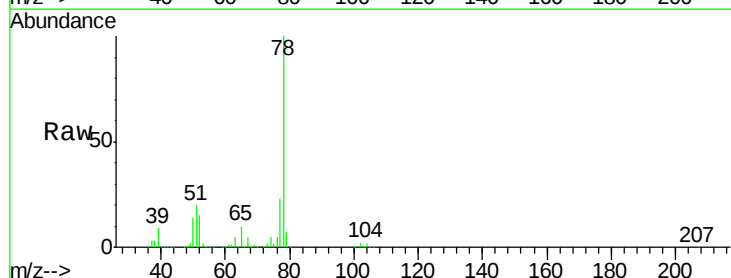
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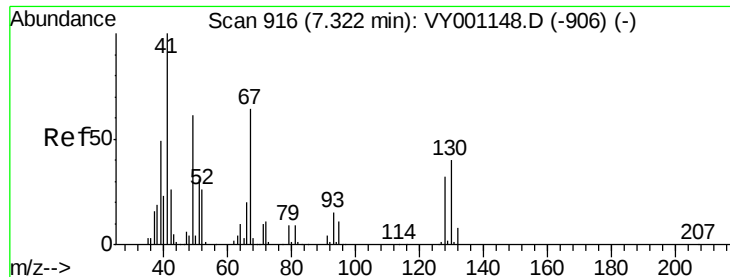
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#40
Benzene
Concen: 52.355 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	460683		
77	23.3		18.8	28.2





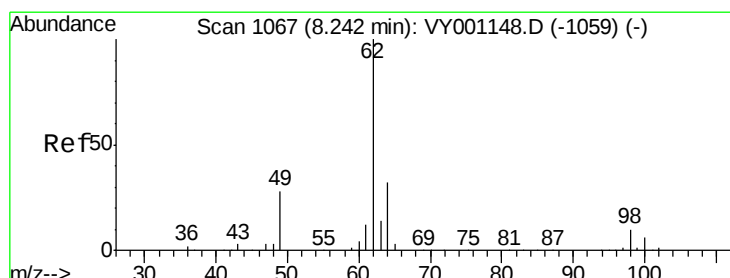
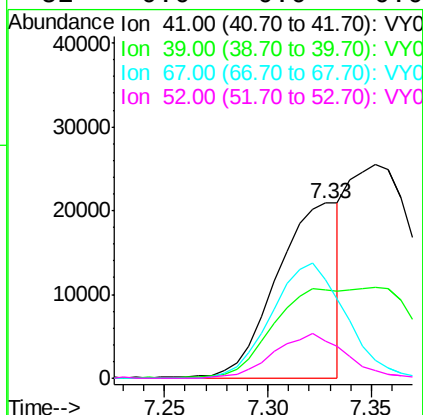
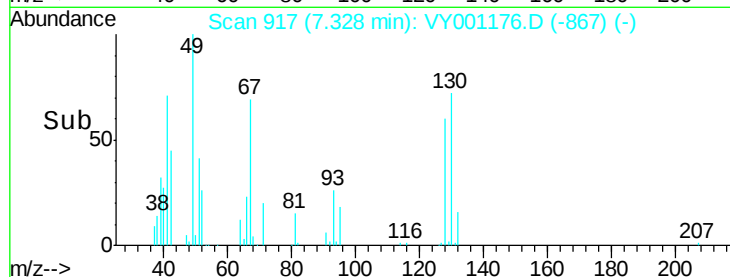
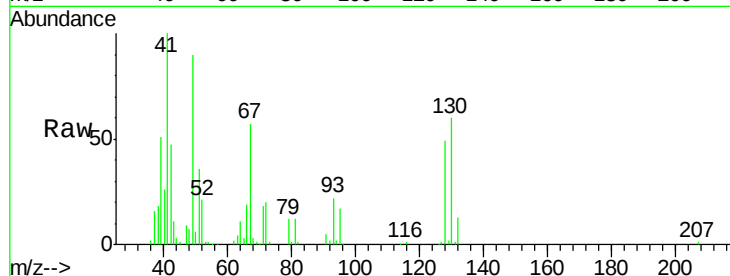
#41
Methacrylonitrile
Concen: 53.725 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.01 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	103.5	155.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

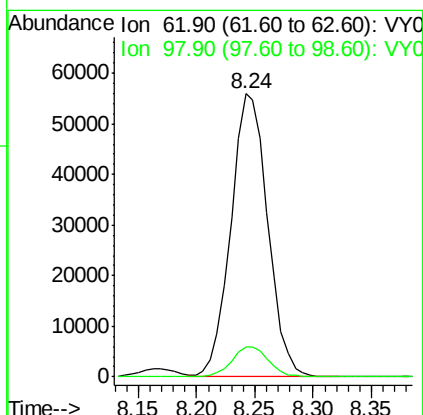
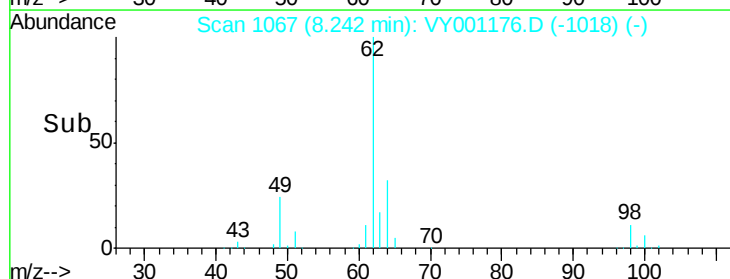
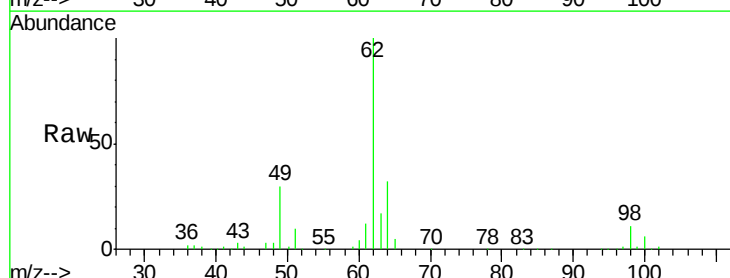
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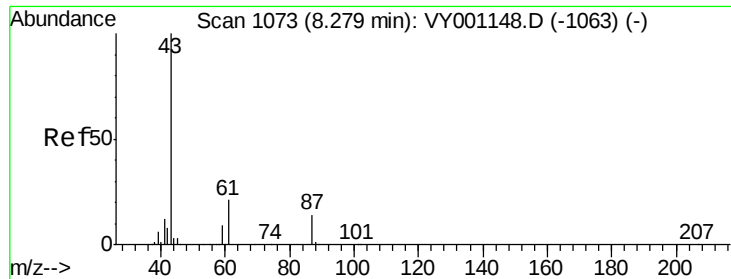
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#42
1,2-Dichloroethane
Concen: 50.001 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.4





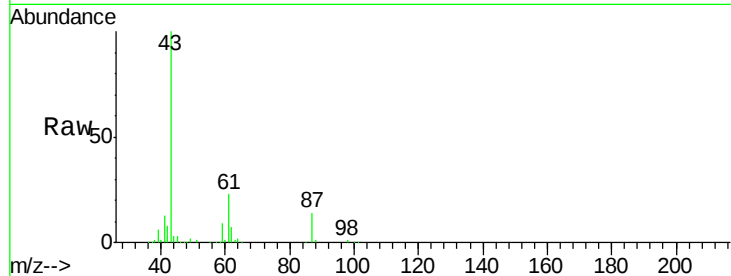
#43
Isopropyl Acetate
Concen: 44.757 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

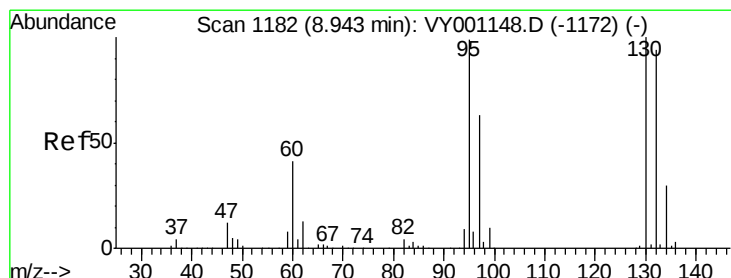
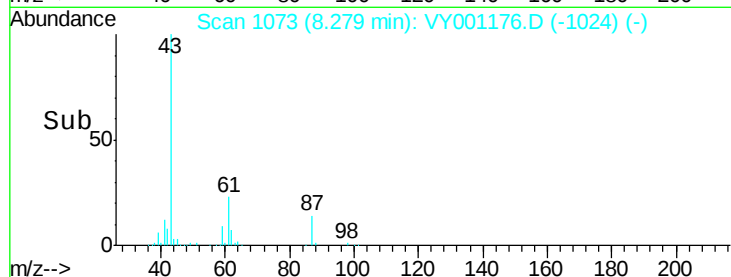
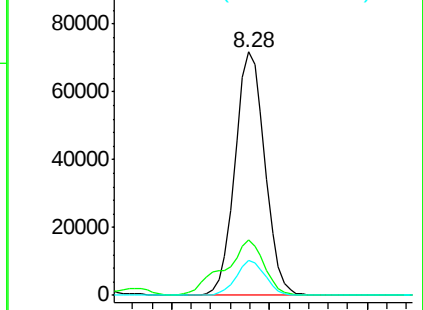
Tot Ion	Ratio	Lower	Upper
43	100		
61	30.5	23.9	35.9
87	14.0	11.4	17.2

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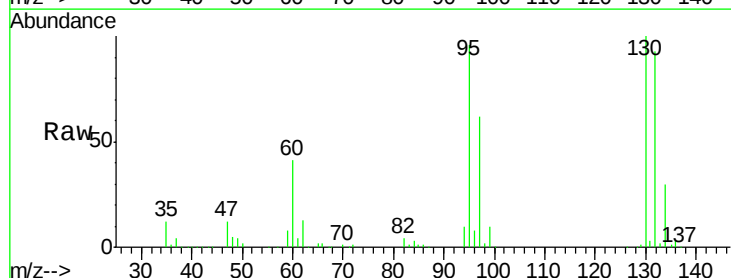


Abundance Ion 43.00 (42.70 to 43.70): VY001176.D (-1024) (-)
Ion 61.00 (60.70 to 61.70): VY001176.D (-1024) (-)
Ion 87.00 (86.70 to 87.70): VY001176.D (-1024) (-)

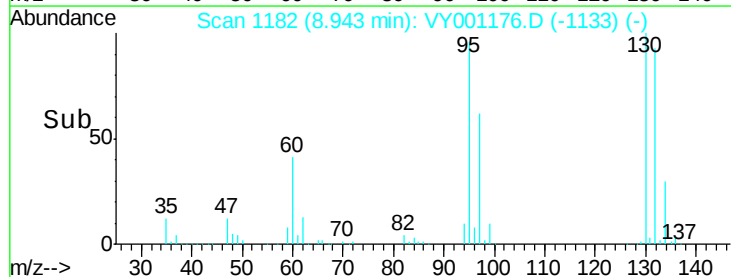
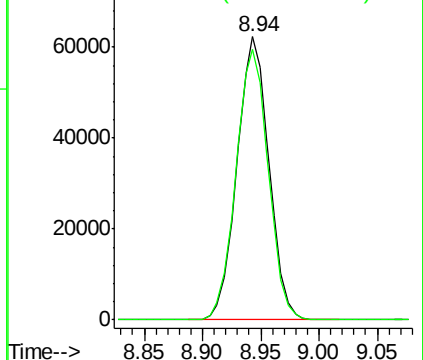


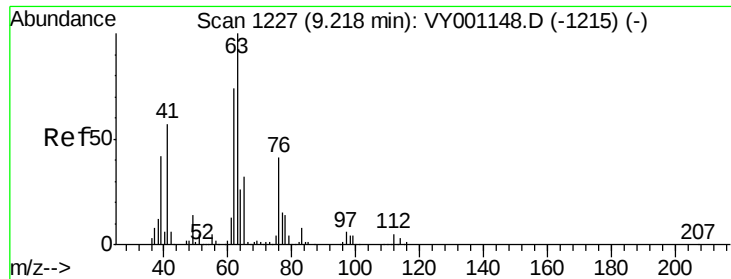
#44
Trichloroethene
Concen: 51.918 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	197.6



Abundance Ion 129.80 (129.50 to 130.50): VY001176.D (-1133) (-)
Ion 94.90 (94.60 to 95.60): VY001176.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 52.484 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 63 Resp: 114171

Ion Ratio Lower Upper

63 100

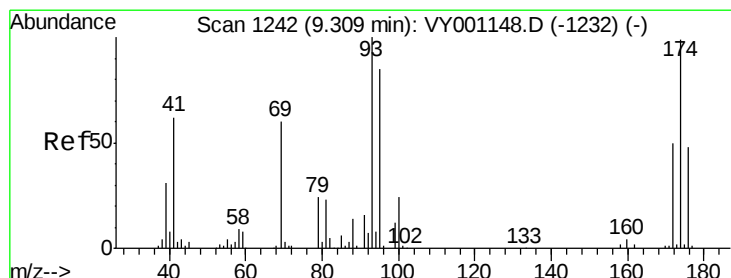
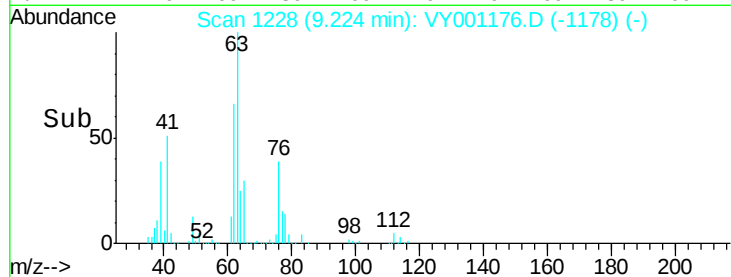
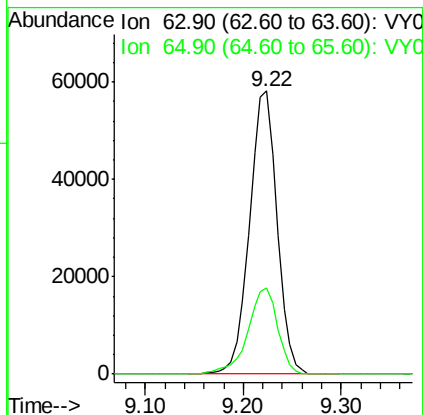
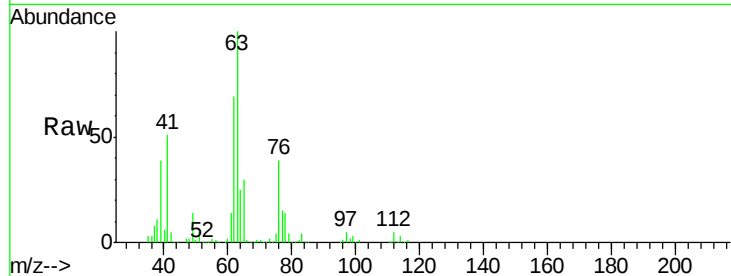
65 30.3 25.8 38.8

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#46

Dibromomethane

Concen: 49.984 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

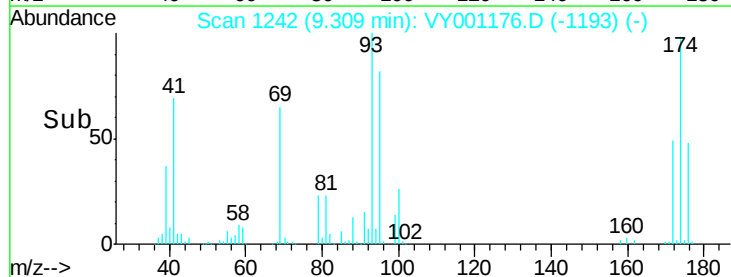
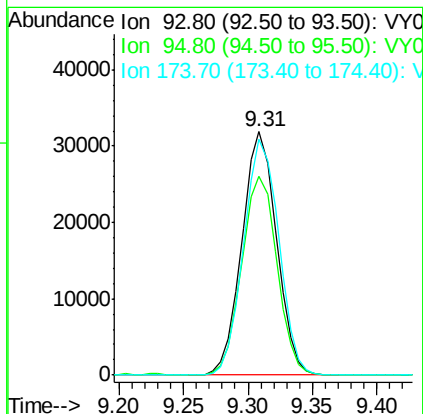
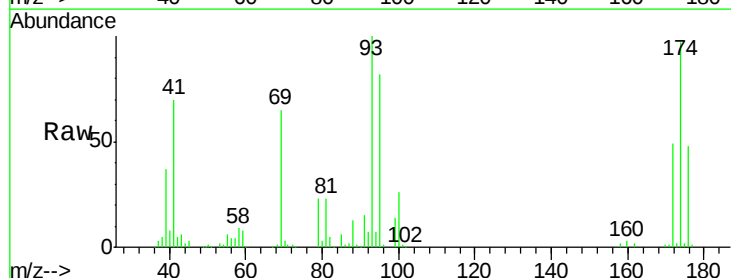
Tgt Ion: 93 Resp: 59326

Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

174 98.5 78.4 117.6





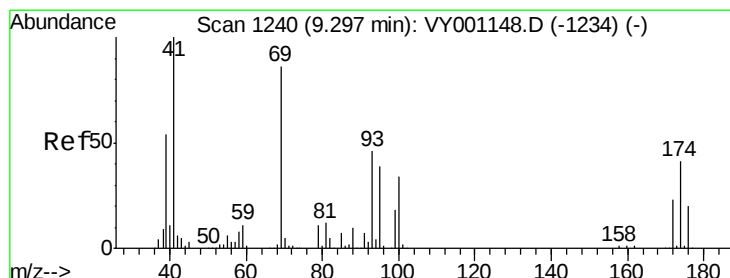
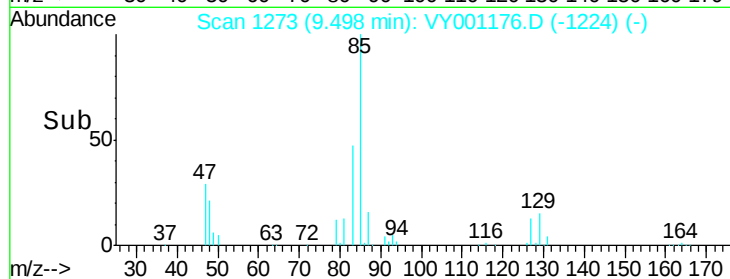
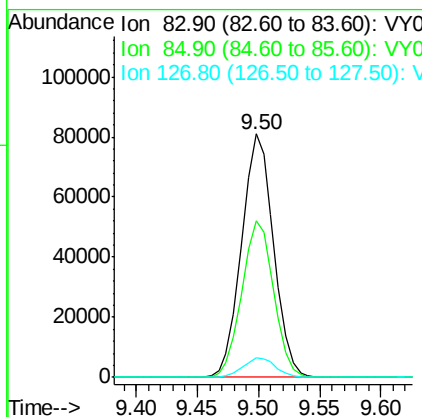
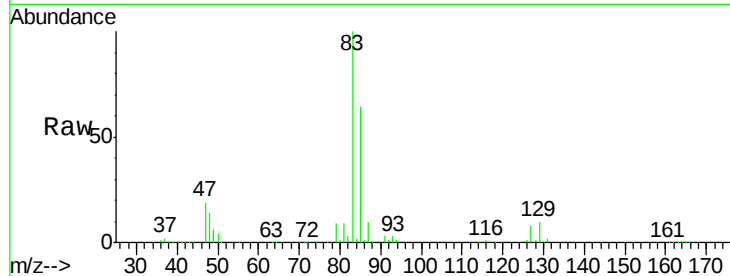
#47
Bromodichloromethane
Concen: 50.723 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	146723		
85	64.2	51.5	77.3	
127	8.1	6.3	9.5	

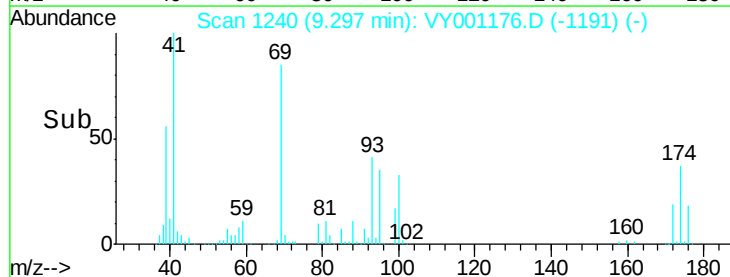
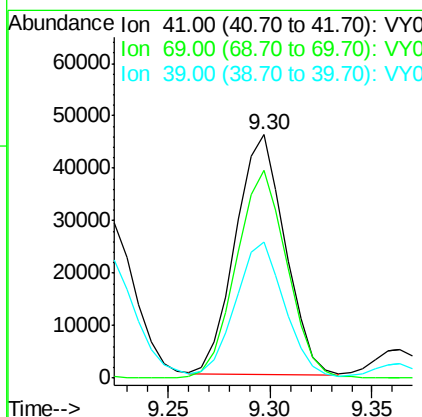
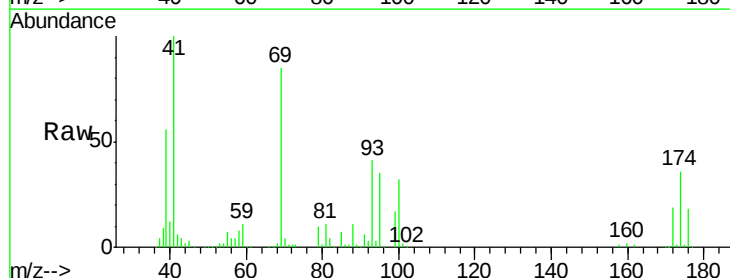
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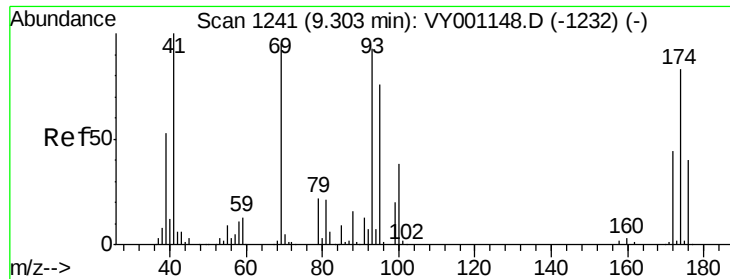
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#48
Methyl methacrylate
Concen: 49.444 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	77402		
69	88.5	69.8	104.8	
39	56.3	45.2	67.8	





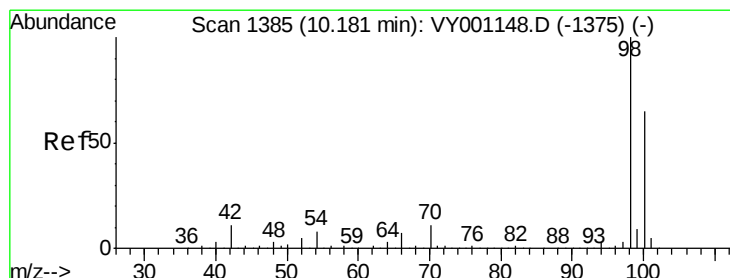
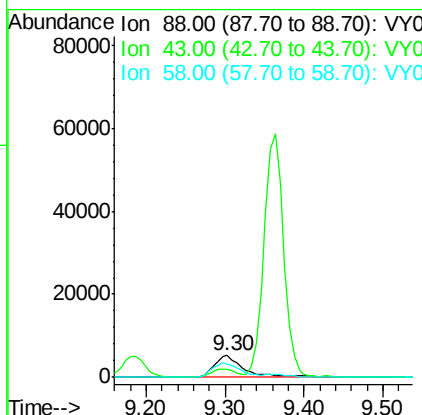
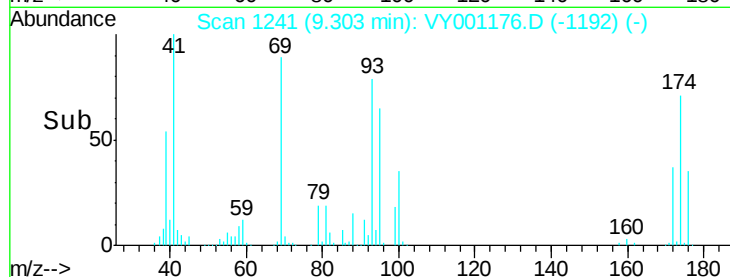
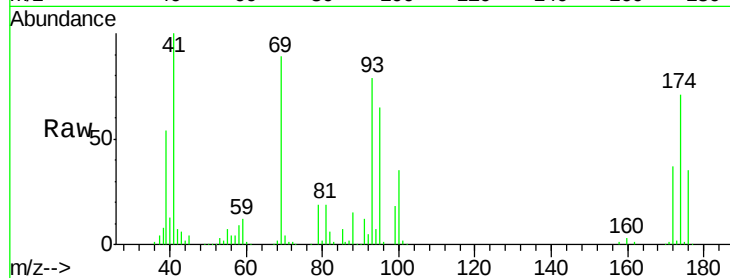
#49
 1,4-Dioxane
 Concen: 992.566 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.9	22.4	33.6
58	60.4	58.0	87.0

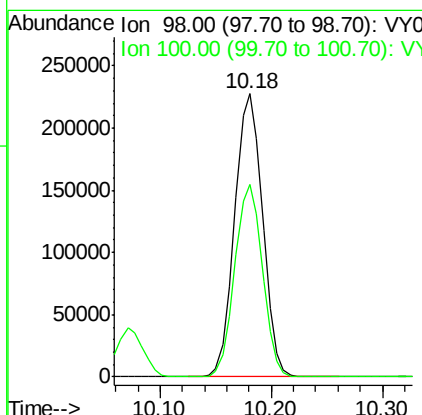
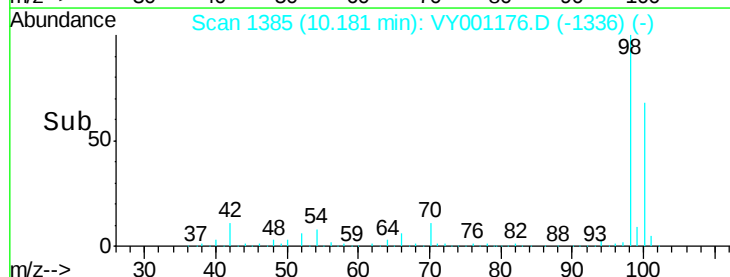
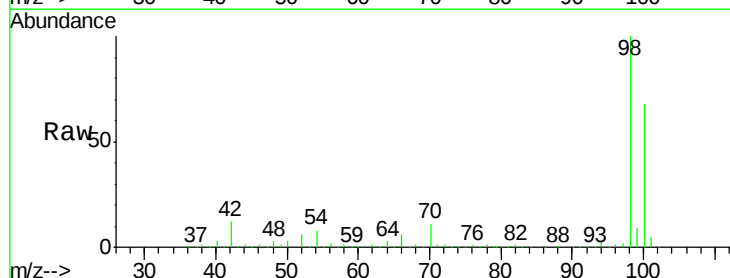
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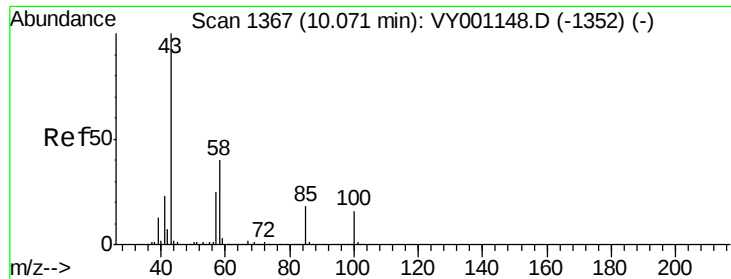
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#50
 Toluene-d8
 Concen: 52.921 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 231.946 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 43 Resp: 398133

Ion Ratio Lower Upper

43 100

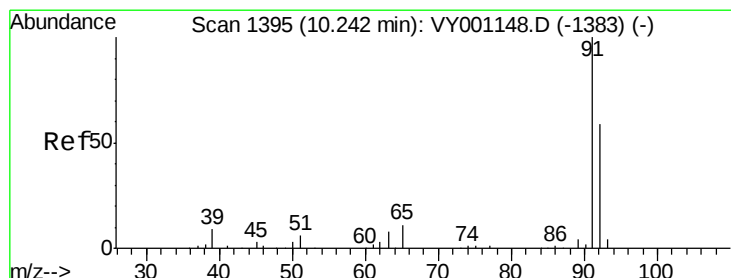
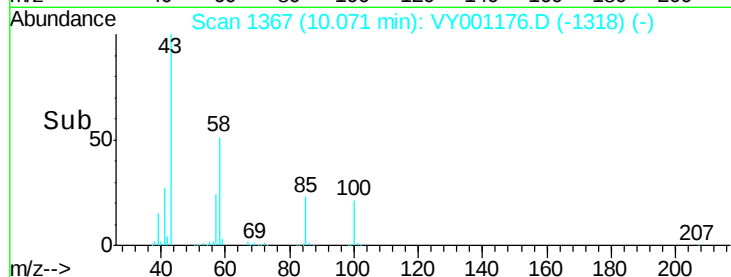
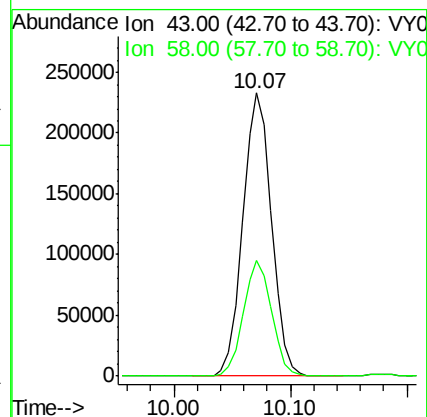
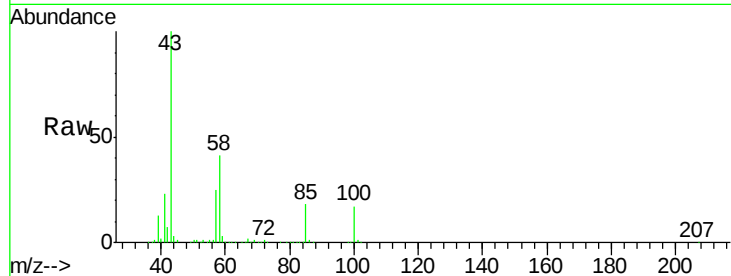
58 40.3 32.3 48.5

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#52

Toluene

Concen: 52.116 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY001176.D

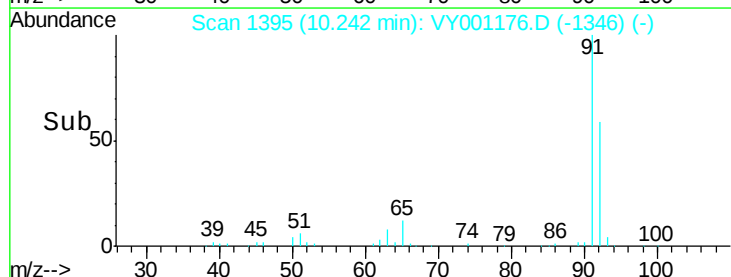
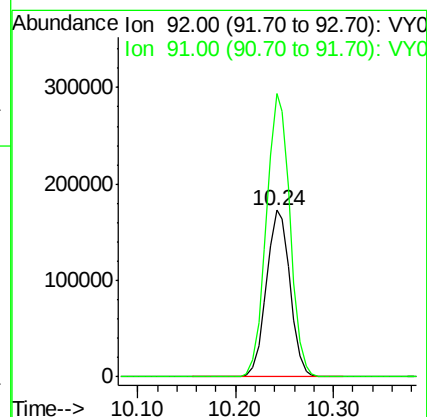
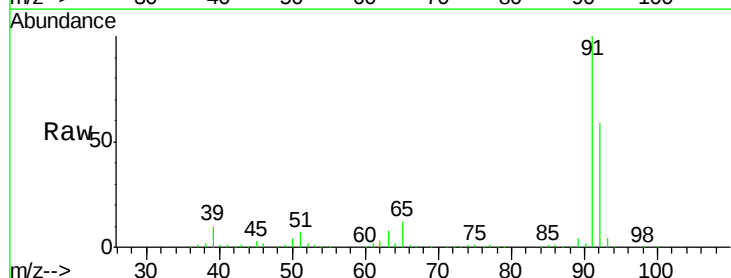
Acq: 13 Jan 2020 13:26

Tgt Ion: 92 Resp: 292483

Ion Ratio Lower Upper

92 100

91 169.6 136.6 204.8





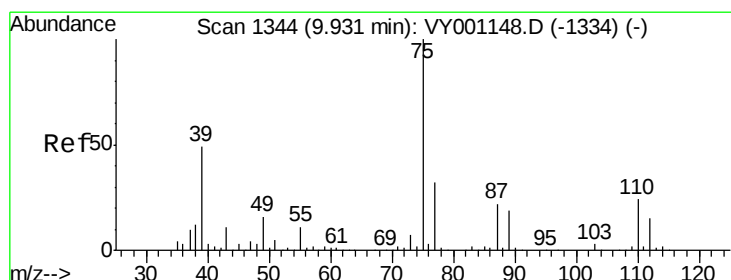
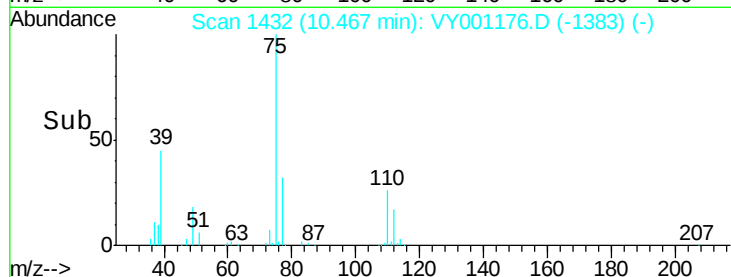
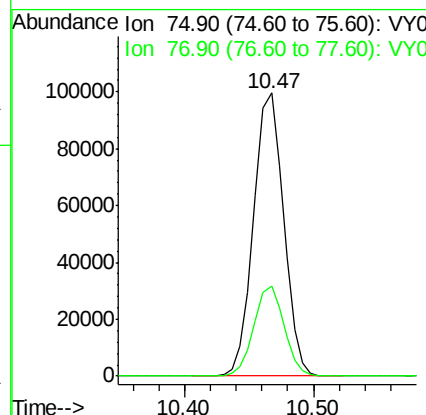
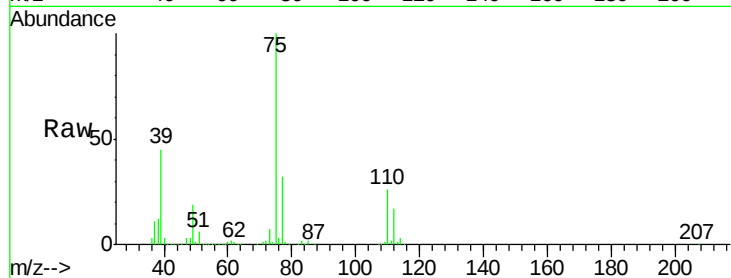
#53
 t-1,3-Dichloropropene
 Concen: 49.596 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.2	39.2

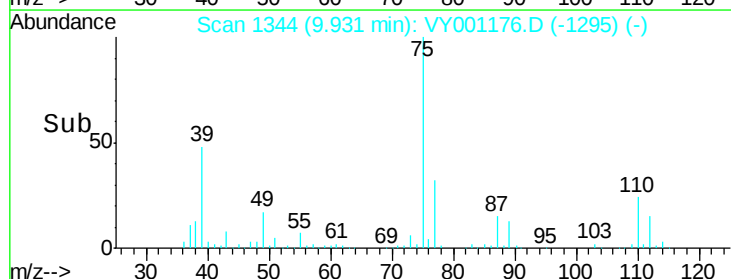
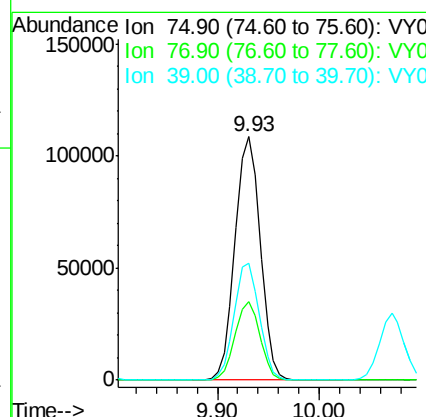
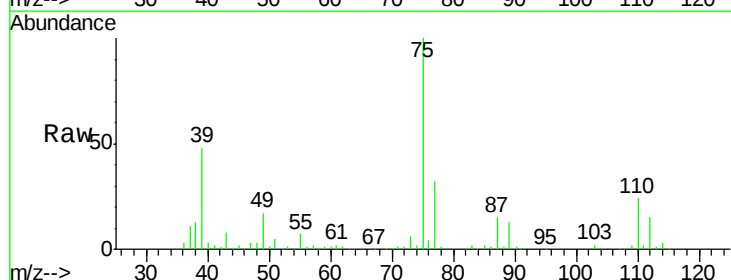
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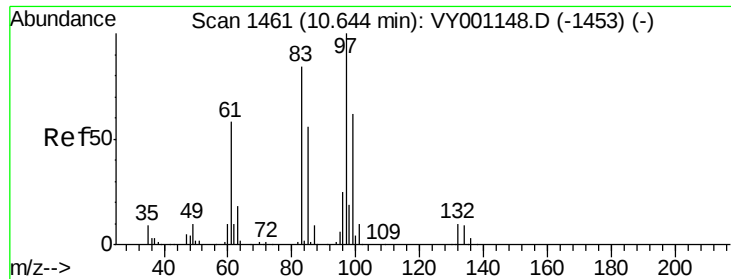
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#54
 cis-1,3-Dichloropropene
 Concen: 50.900 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
39	48.0	39.1	58.7





#55

1,1,2-Trichloroethane

Concen: 50.725 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

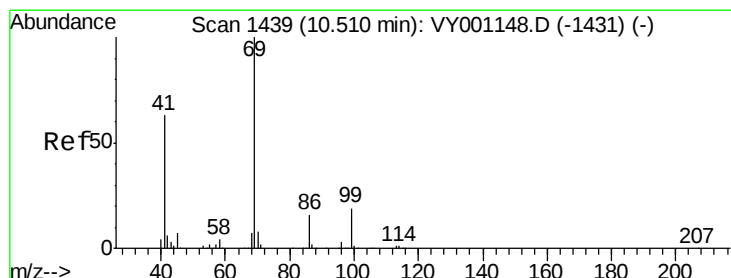
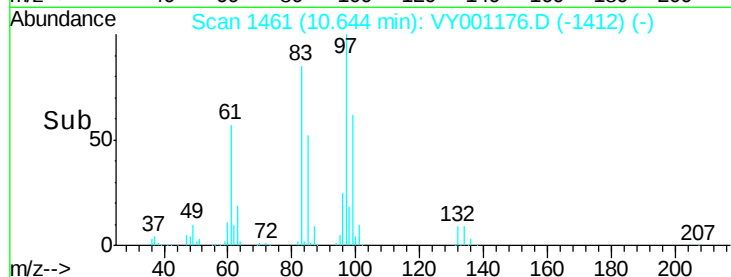
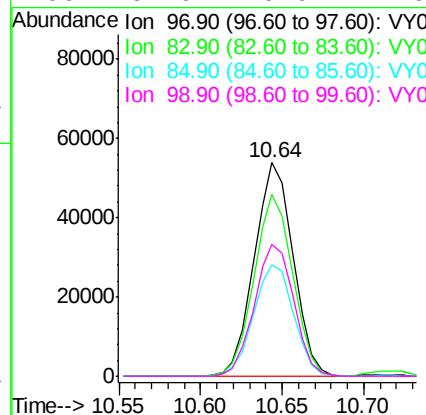
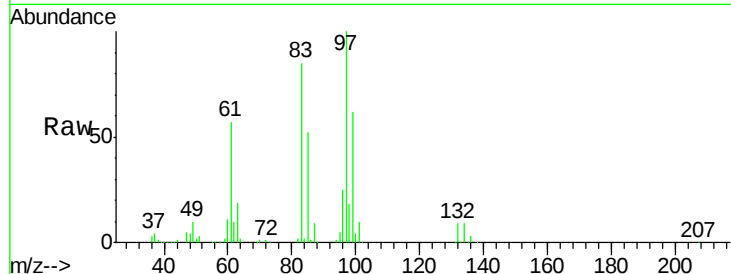
ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion:	97	Resp:	89255
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.2	100.8
85	52.0	44.9	67.3
99	61.9	49.9	74.9

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#56

Ethyl methacrylate

Concen: 44.265 ug/l

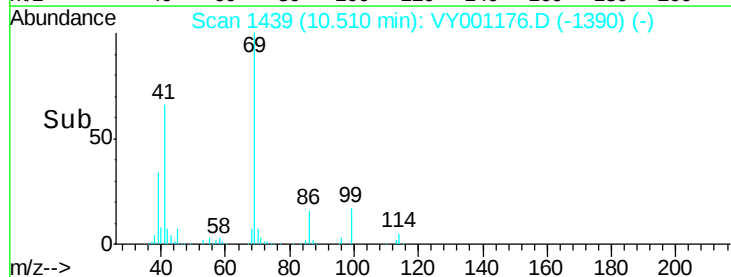
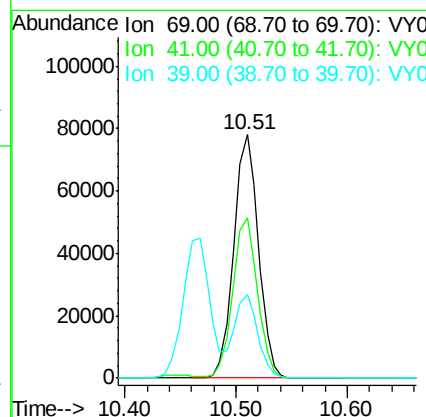
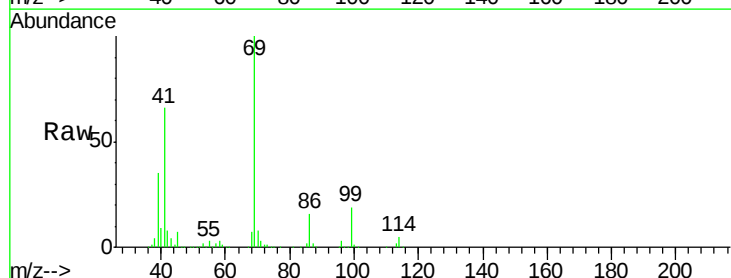
RT: 10.51 min Scan# 1439

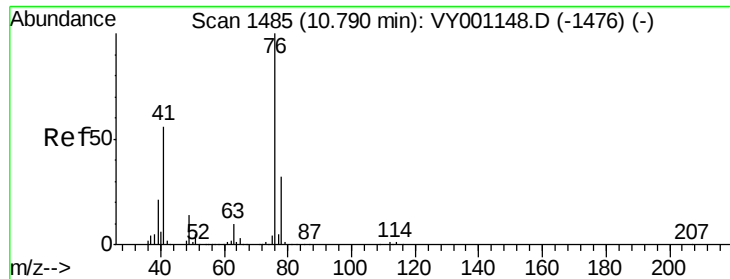
Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Tgt Ion:	69	Resp:	119145
Ion	Ratio	Lower	Upper
69	100		
41	65.7	51.4	77.2
39	34.0	26.3	39.5





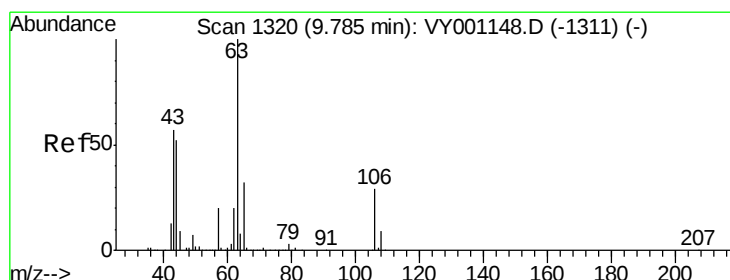
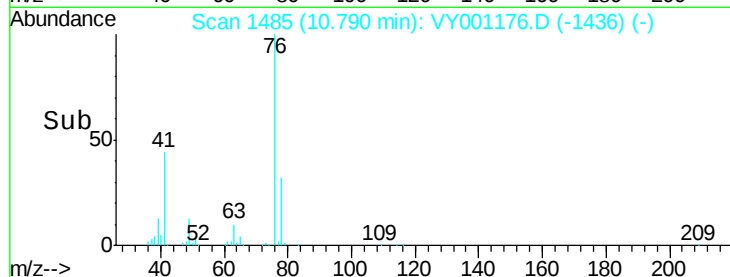
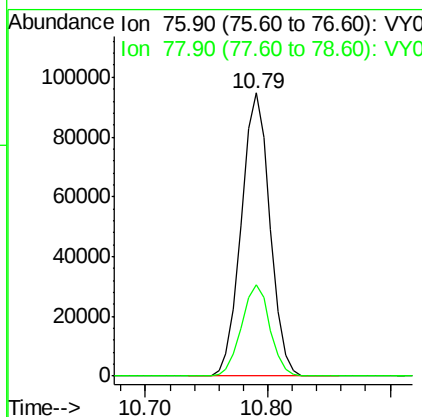
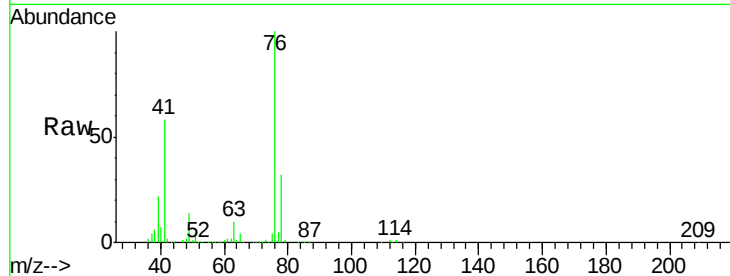
#57
 1,3-Dichloropropane
 Concen: 50.708 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.1	39.1

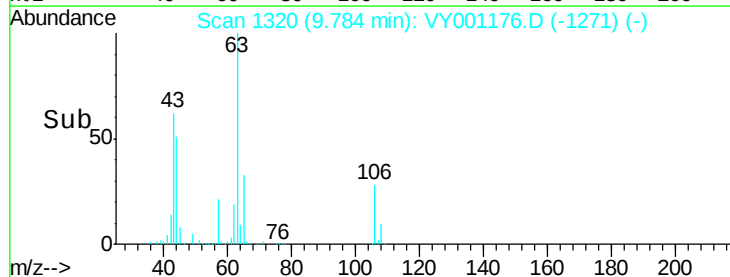
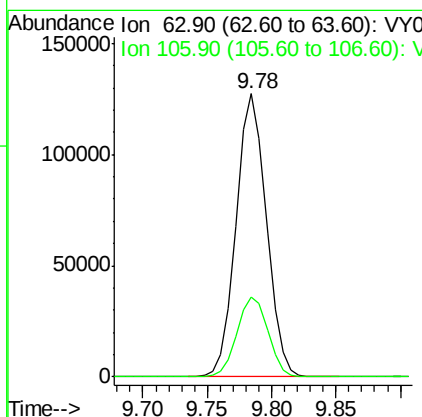
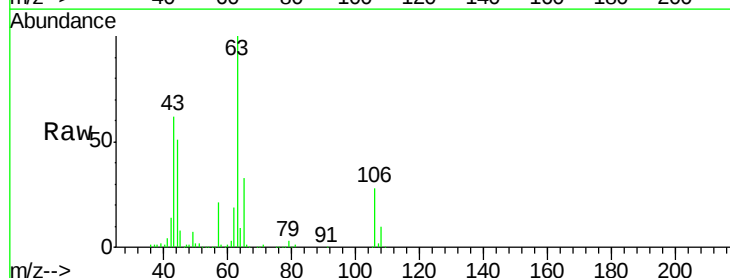
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#58
 2-Chloroethyl Vinyl ether
 Concen: 219.563 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	23.0	34.6





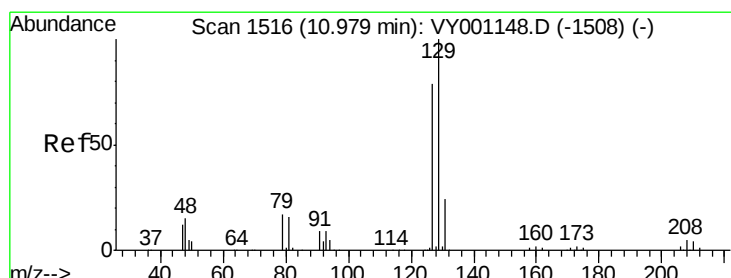
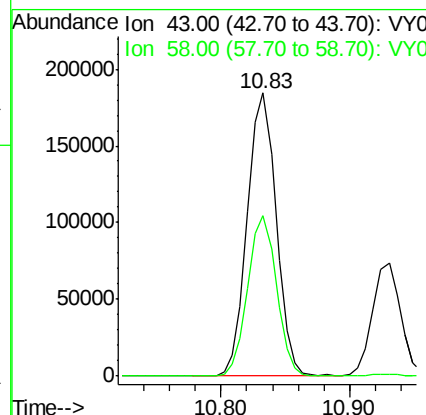
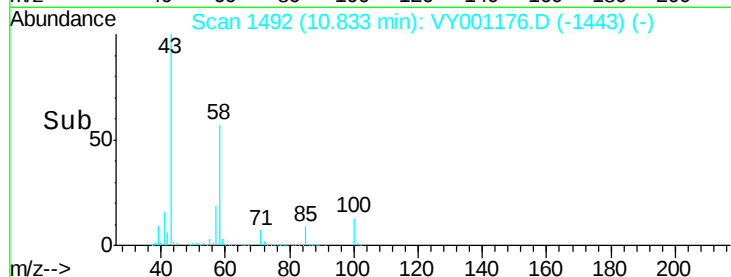
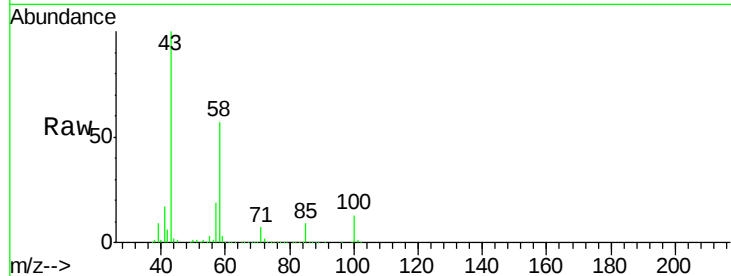
#59
2-Hexanone
Concen: 238.184 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	43	Resp	286529
Ion Ratio	100	Lower	Upper
43	100		
58	56.3	28.4	85.2

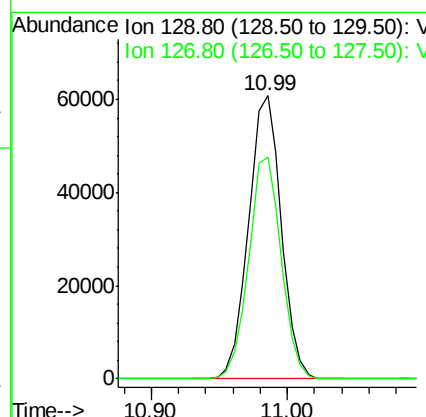
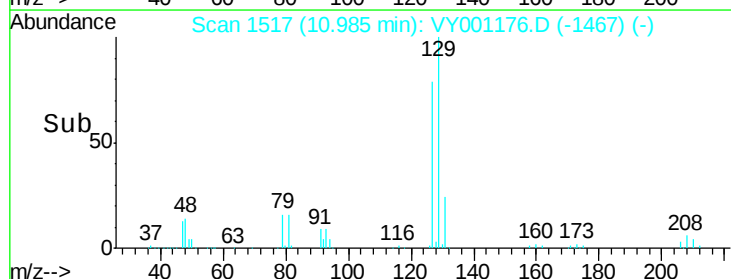
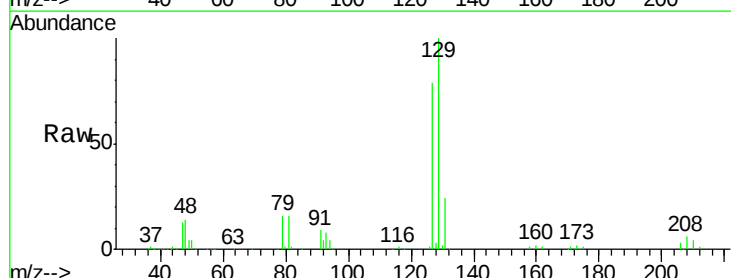
Manual Integrations
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#60
Dibromochloromethane
Concen: 50.621 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Tgt Ion	129	Resp	102555
Ion Ratio	100	Lower	Upper
129	100		
127	77.9	38.9	116.7





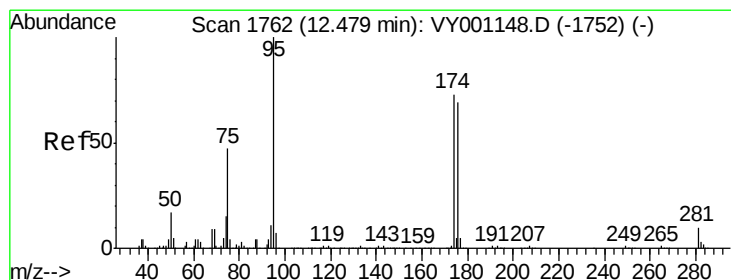
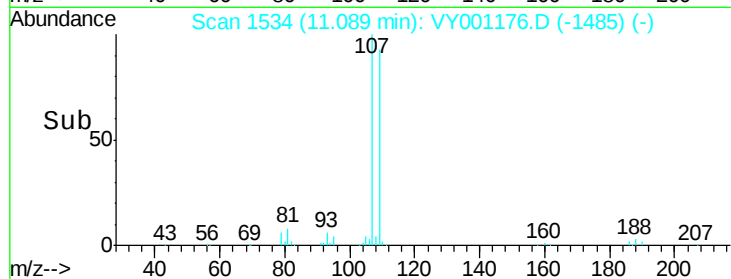
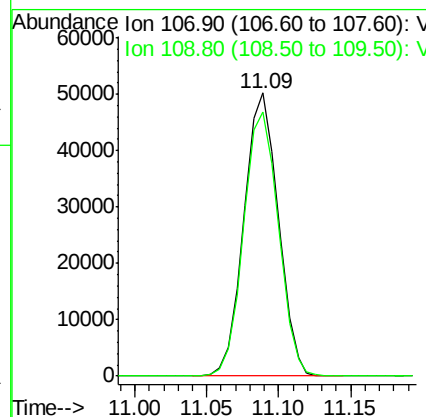
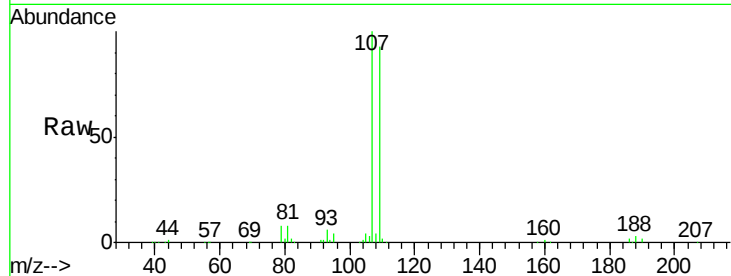
#61
1,2-Dibromoethane
Concen: 48.269 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion: 107 Resp: 82933
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.0

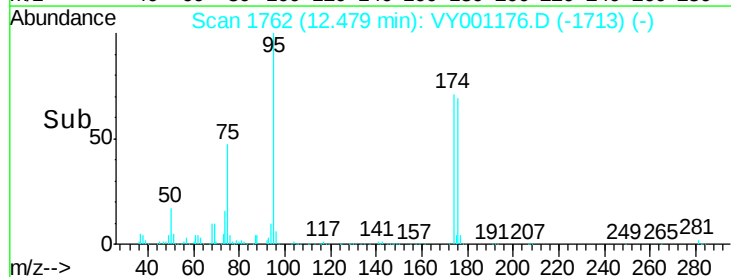
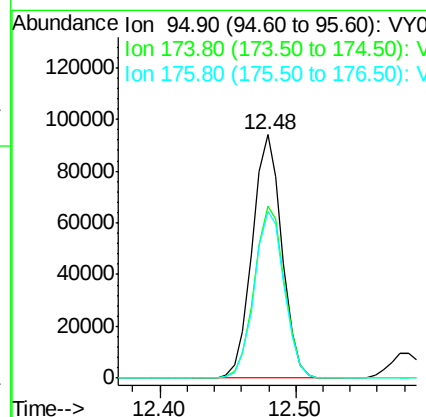
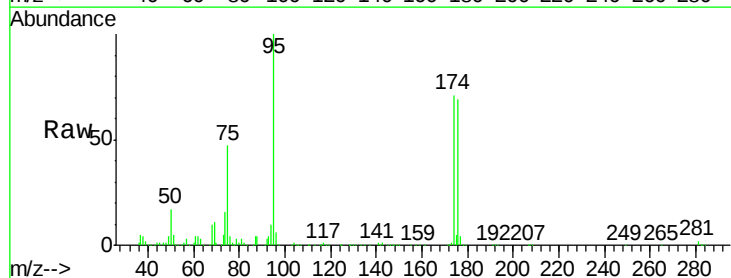
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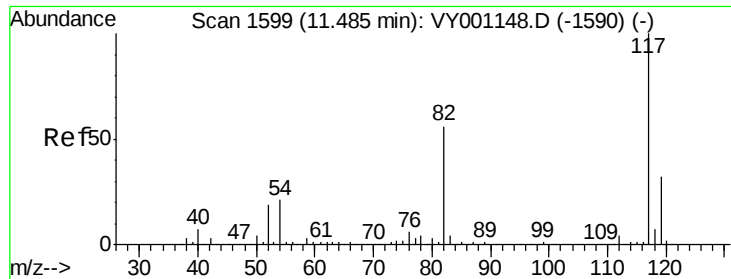
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#62
4-Bromofluorobenzene
Concen: 47.046 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Tgt Ion: 95 Resp: 143509
Ion Ratio Lower Upper
95 100
174 72.0 0.0 143.2
176 69.6 0.0 136.0





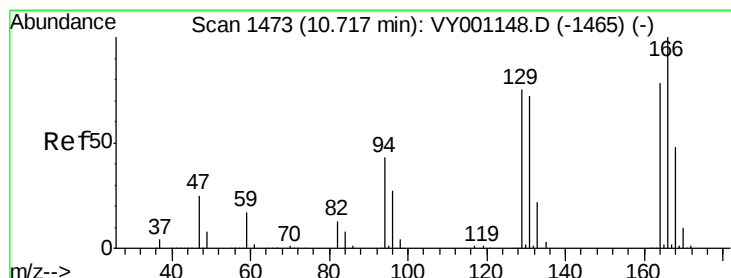
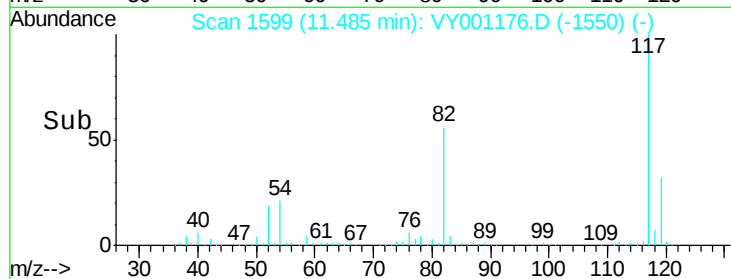
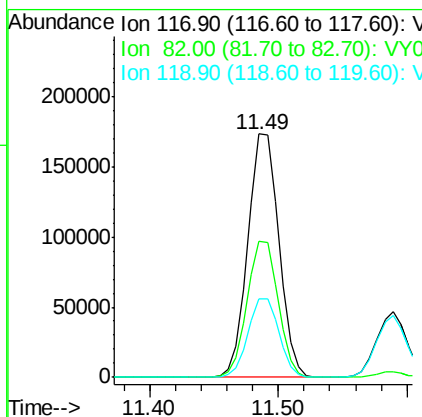
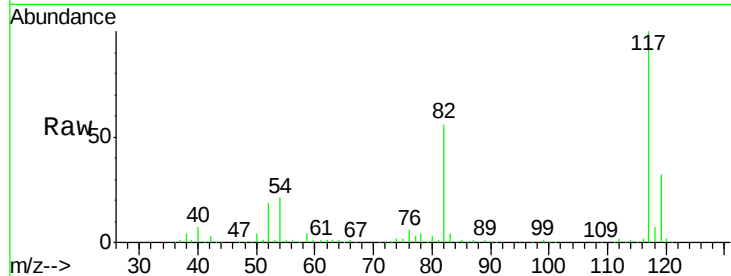
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.9	67.3
119	32.2	25.7	38.5

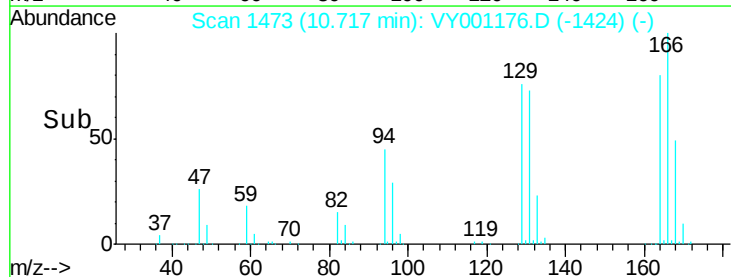
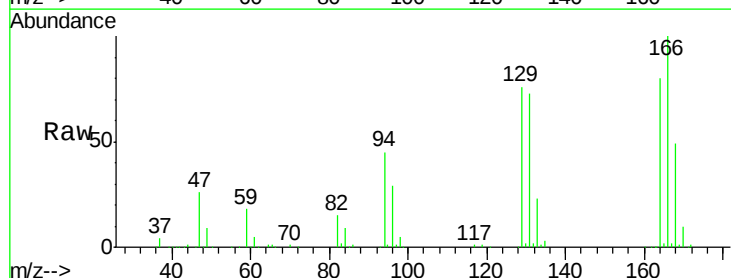
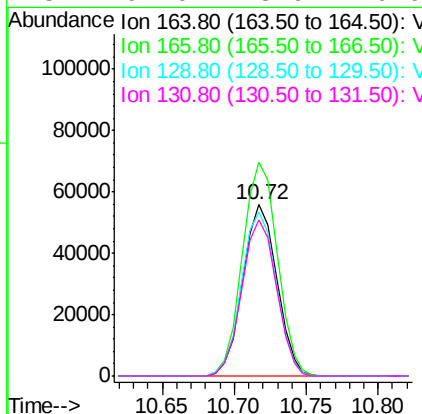
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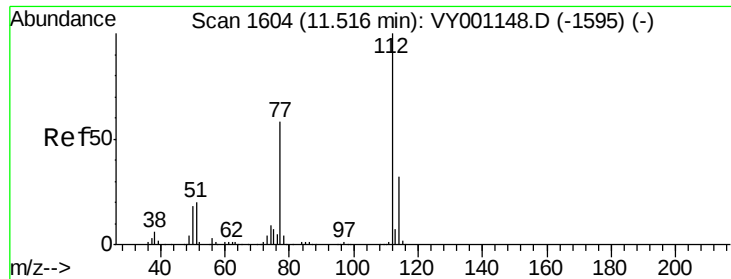
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#64
Tetrachloroethene
Concen: 49.519 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	102.3	153.5
129	95.5	76.2	114.4
131	91.0	73.9	110.9





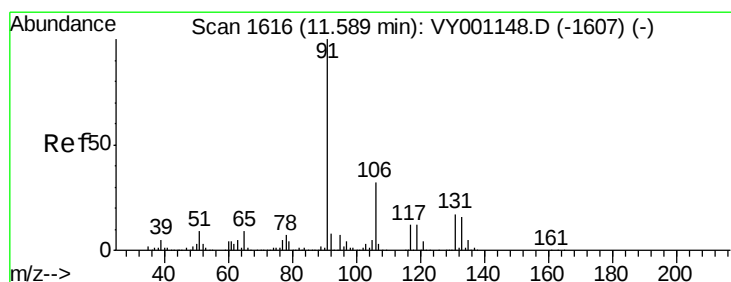
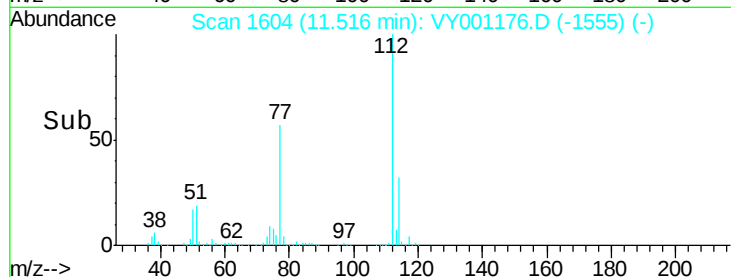
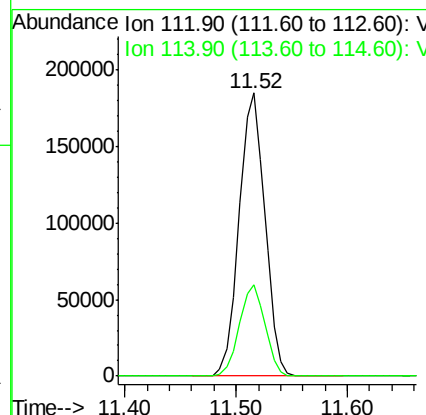
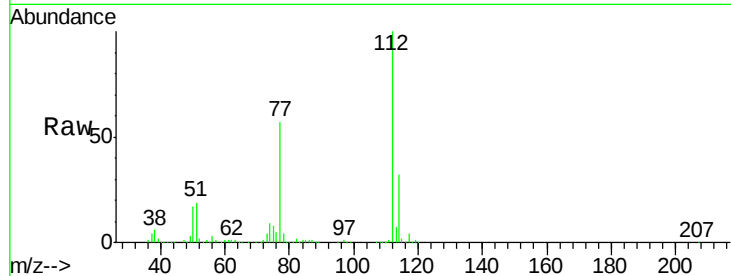
#65
Chlorobenzene
Concen: 51.501 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	296131		
114	32.4	25.9	38.9	

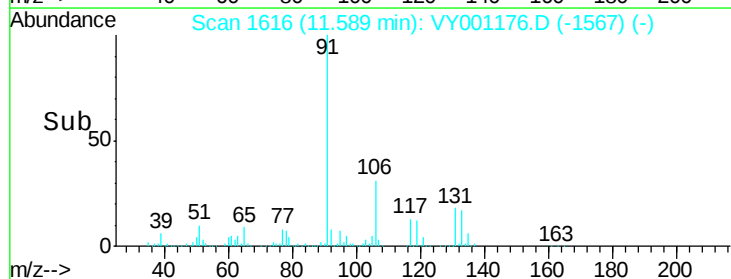
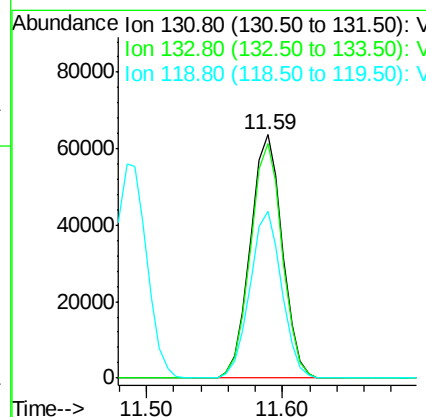
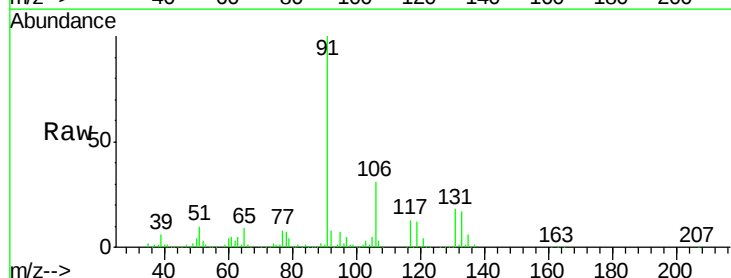
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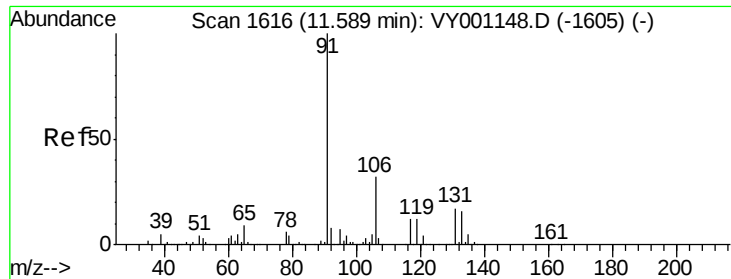
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.948 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	104931		
133	95.8	47.3	142.0	
119	68.2	33.6	100.8	





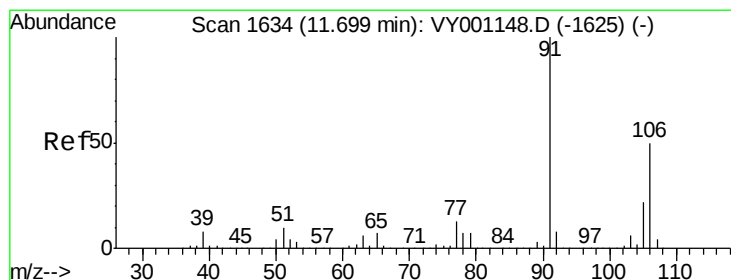
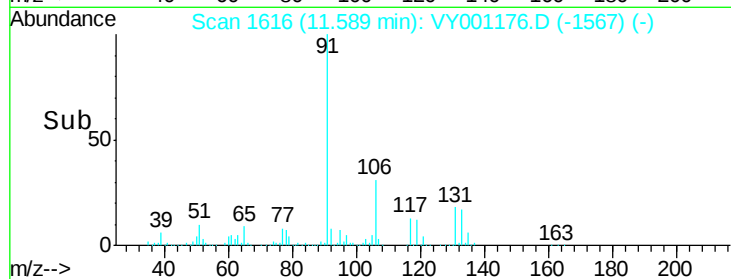
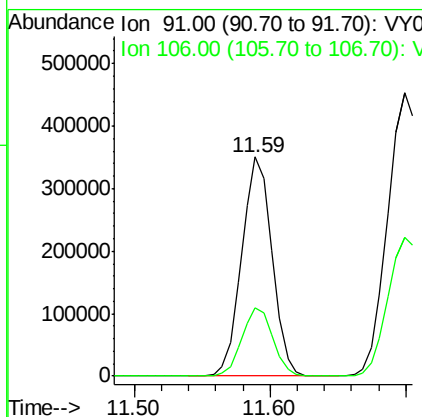
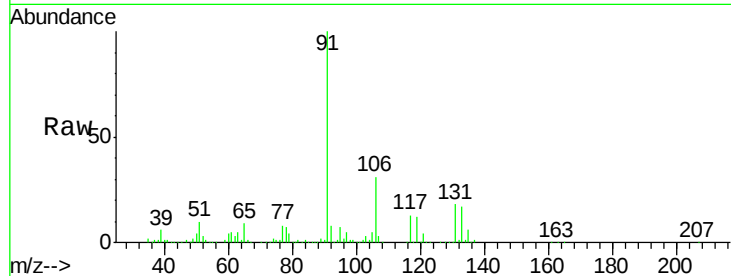
#67
Ethyl Benzene
Concen: 51.885 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion: 91 Resp: 545748
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9

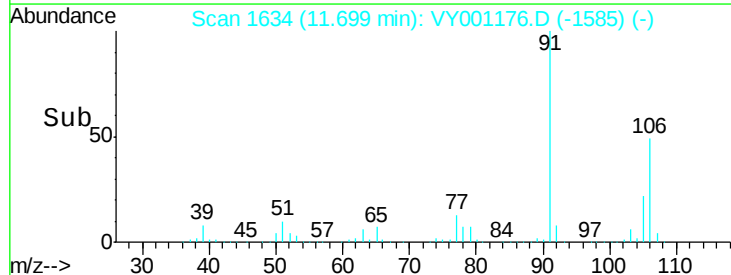
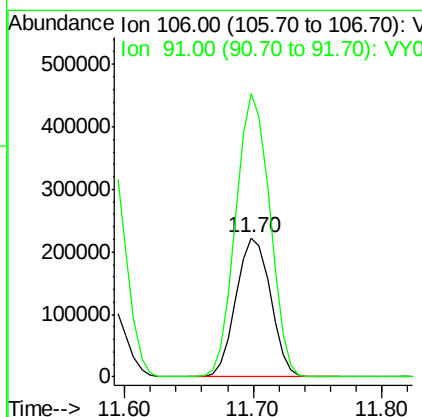
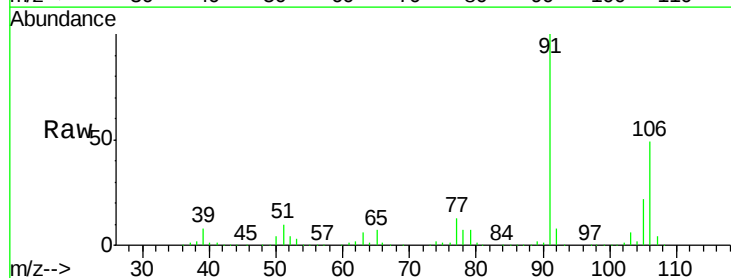
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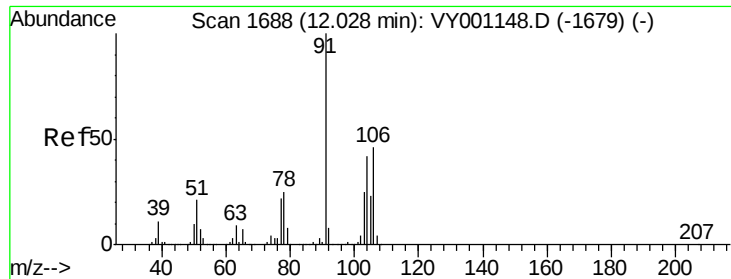
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#68
m/p-Xylenes
Concen: 104.207 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Tgt Ion: 106 Resp: 413483
Ion Ratio Lower Upper
106 100
91 201.3 161.4 242.2





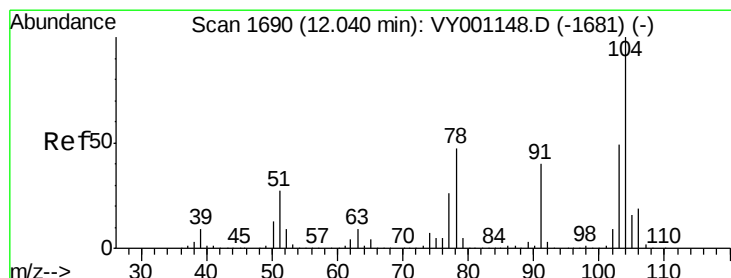
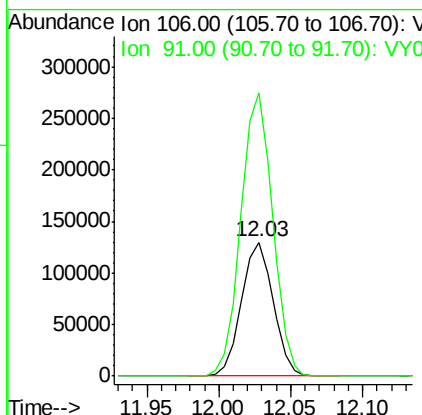
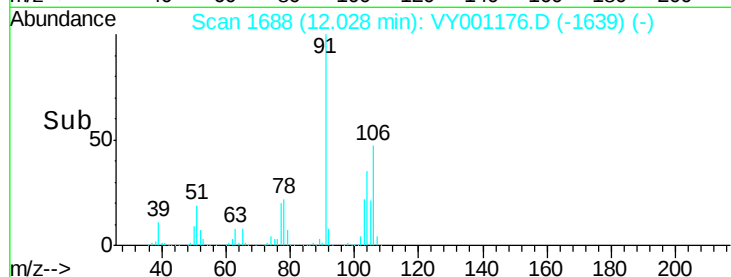
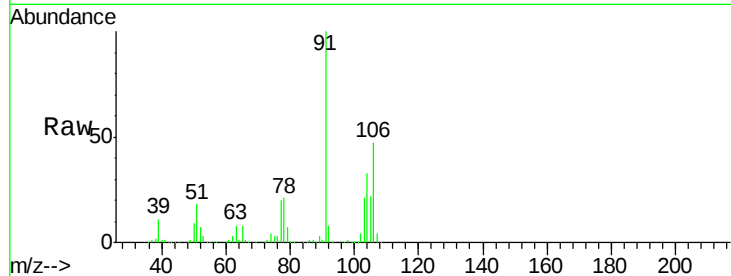
#69
o-Xylene
Concen: 52.138 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion:106 Resp: 198348
Ion Ratio Lower Upper
106 100
91 212.0 106.3 318.8

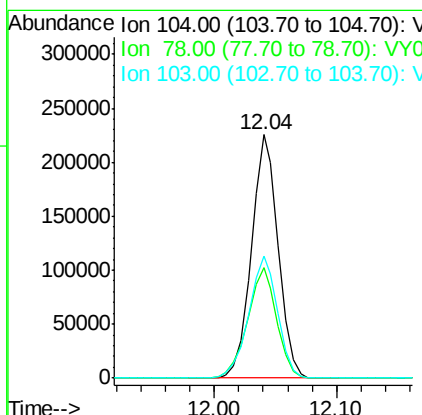
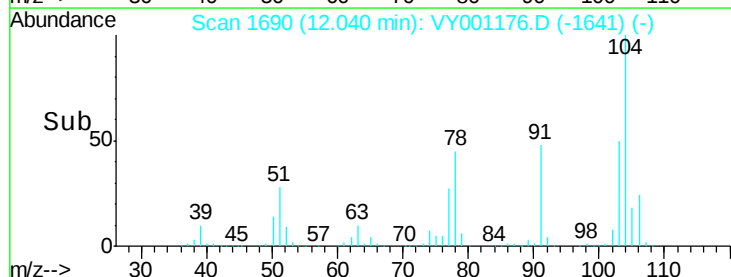
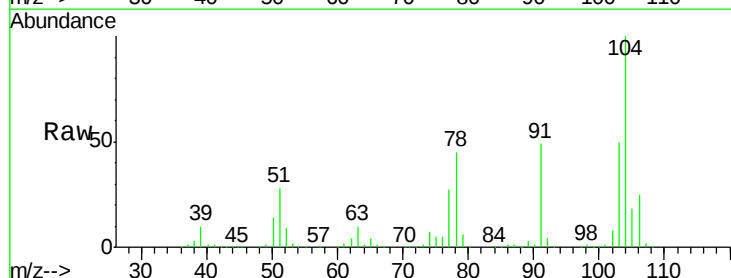
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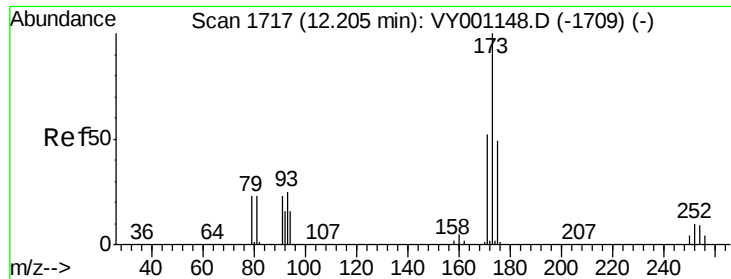
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#70
Styrene
Concen: 51.204 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Tgt Ion:104 Resp: 341790
Ion Ratio Lower Upper
104 100
78 49.2 40.5 60.7
103 54.0 42.4 63.6





#71

Bromoform

Concen: 49.906 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

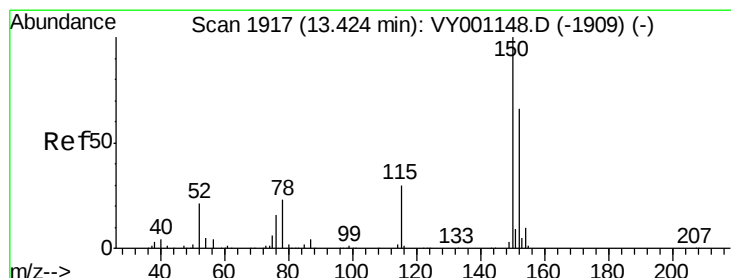
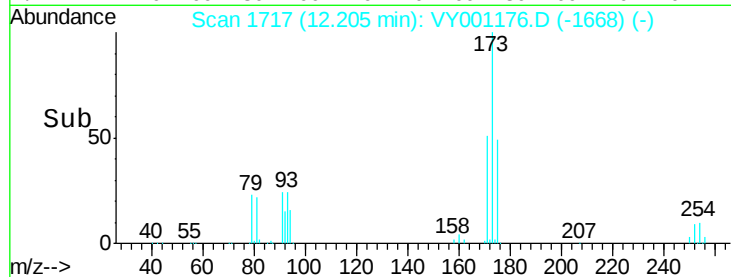
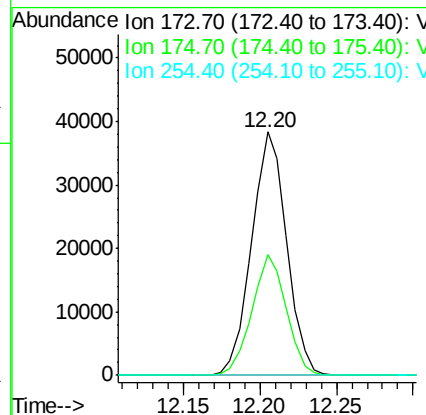
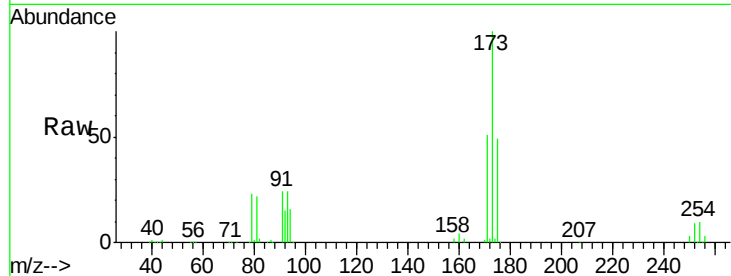
ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.1	72.2
254	0.1	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

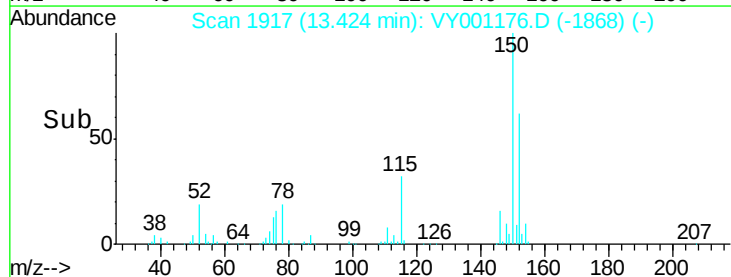
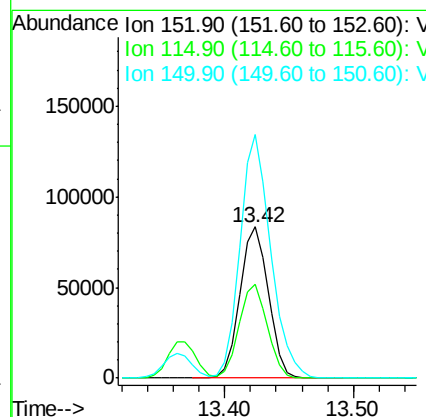
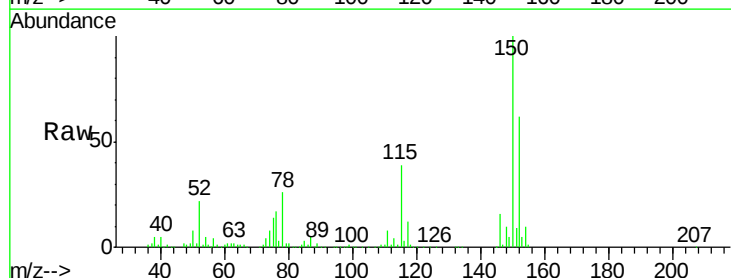
RT: 13.42 min Scan# 1917

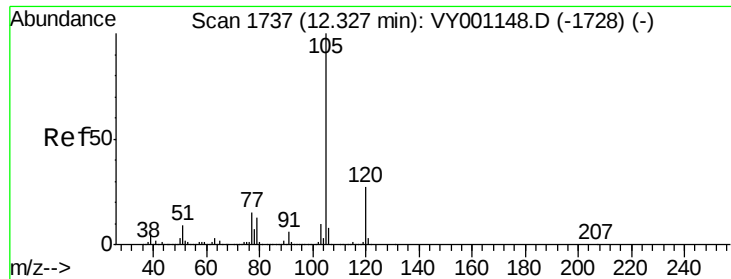
Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	30.9	92.5
150	174.1	0.0	346.8





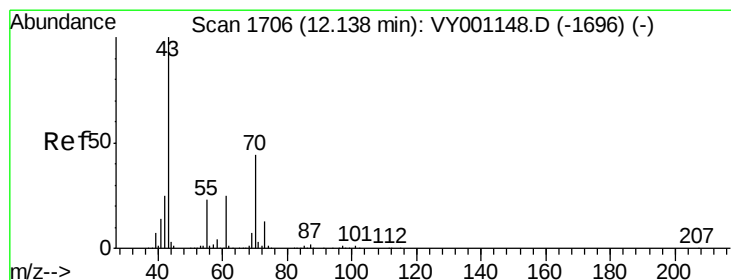
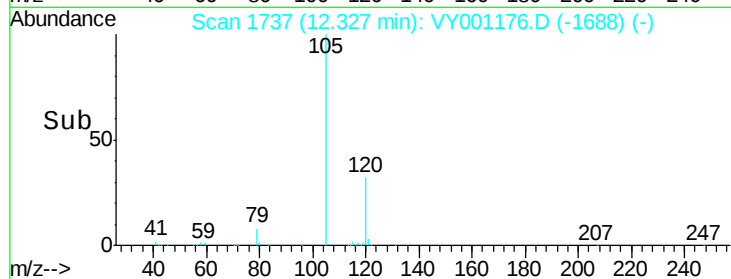
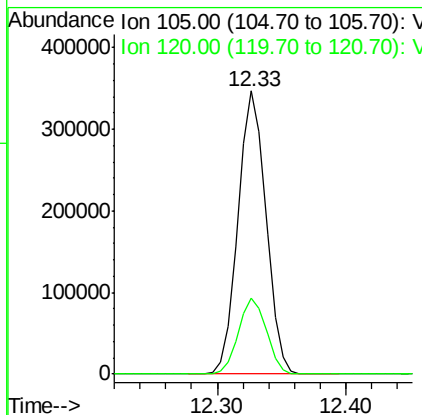
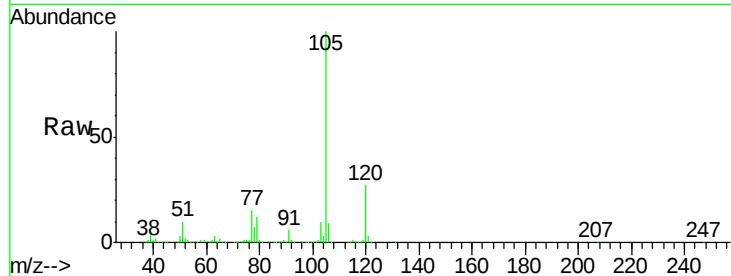
#73
Isopropylbenzene
Concen: 54.555 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.4	40.2

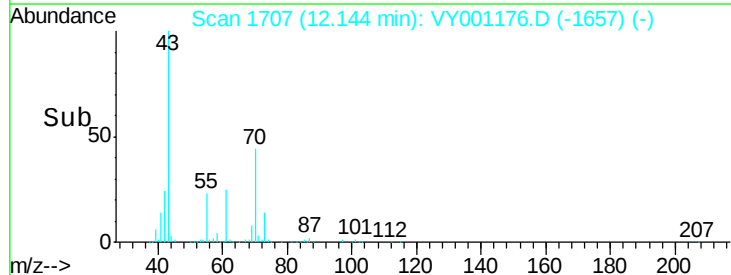
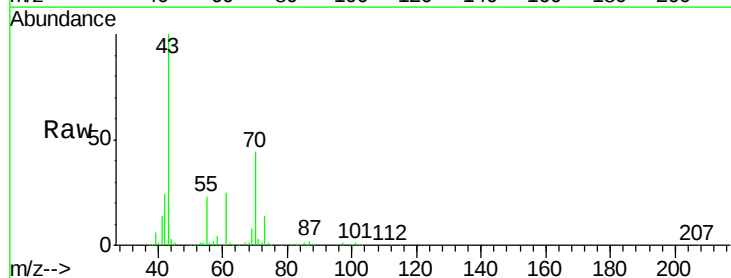
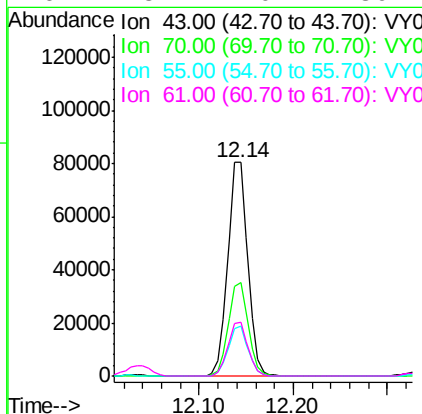
Manual Integrations
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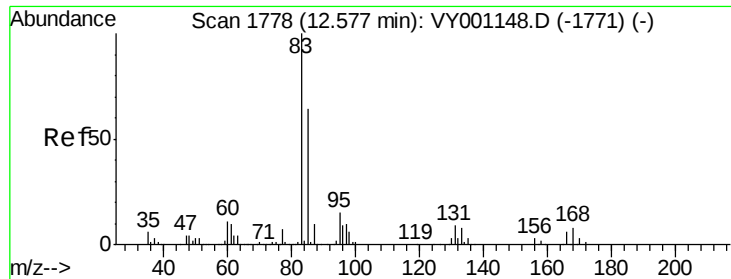
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#74
N-ethyl acetate
Concen: 39.511 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.4	35.0	52.6
55	23.4	18.4	27.6
61	25.2	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.780 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

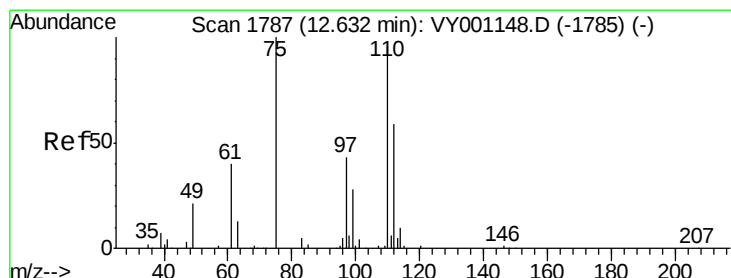
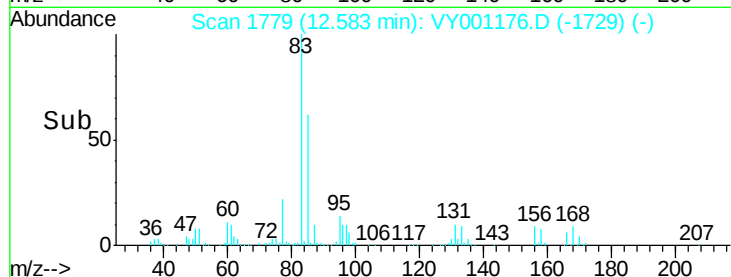
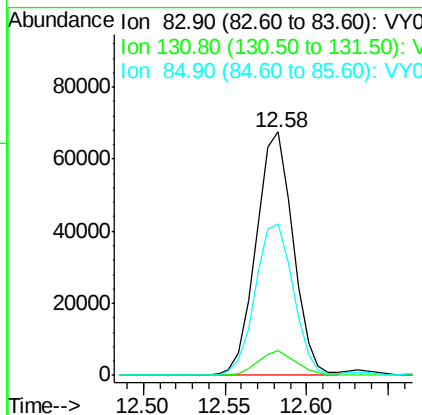
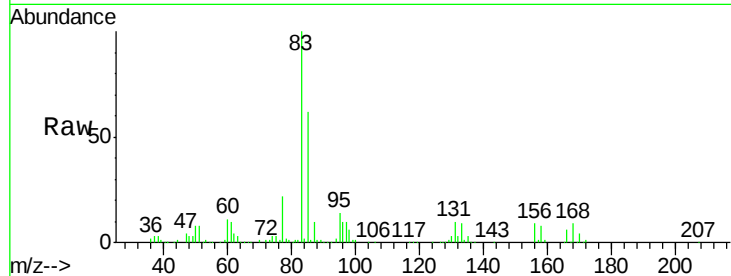
ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion:	83	Resp:	106213
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	64.5	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 52.052 ug/l m

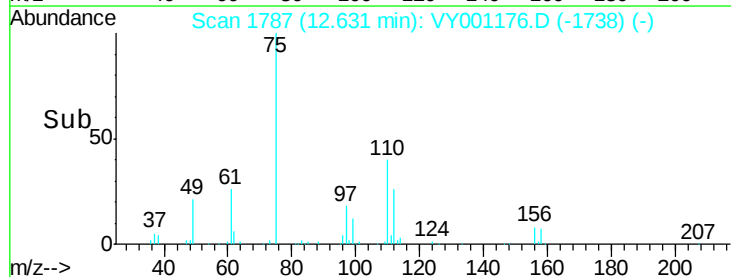
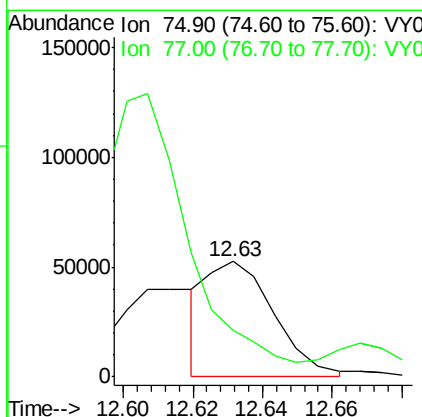
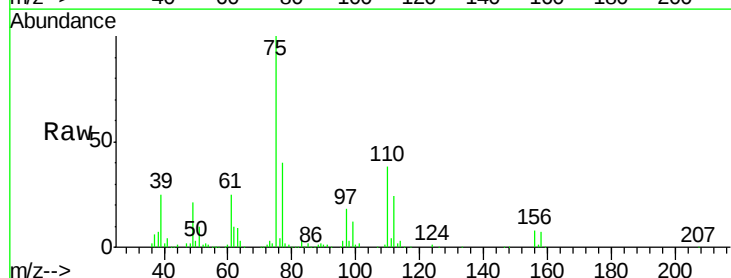
RT: 12.63 min Scan# 1787

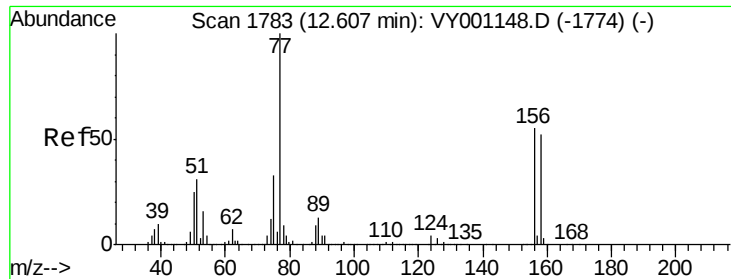
Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Tgt Ion:	75	Resp:	70896
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.089 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion:156 Resp: 114316

Ion Ratio Lower Upper

156 100

77 205.9 106.7 320.1

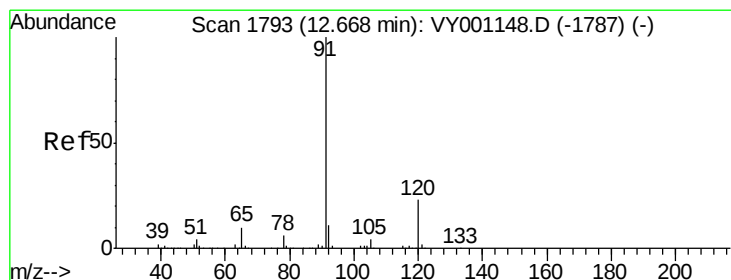
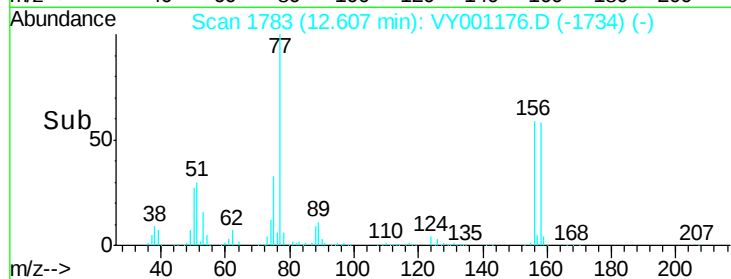
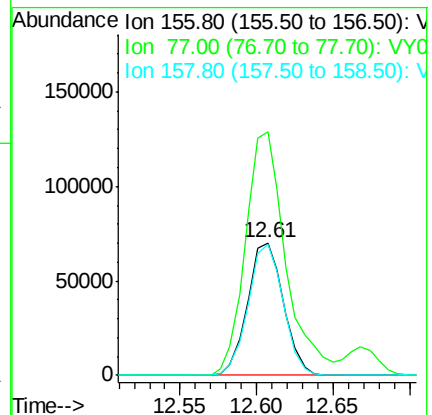
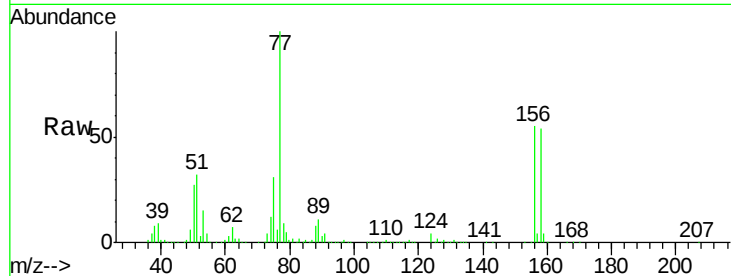
158 96.8 48.3 144.8

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#78

n-propylbenzene

Concen: 53.367 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY001176.D

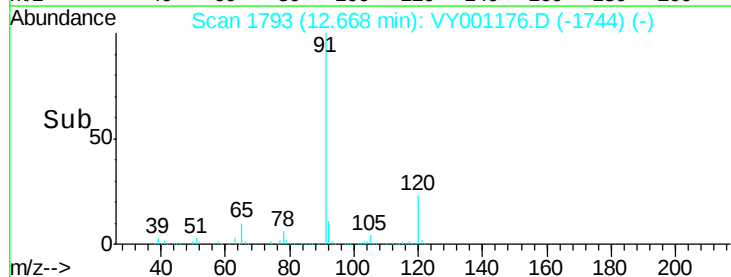
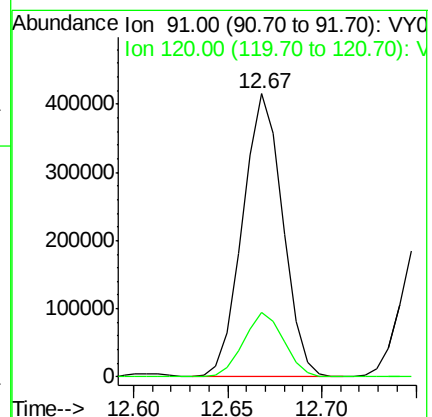
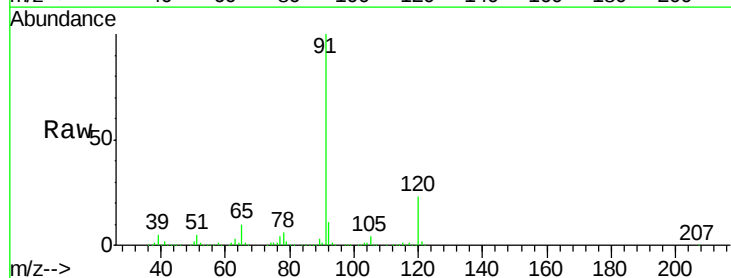
Acq: 13 Jan 2020 13:26

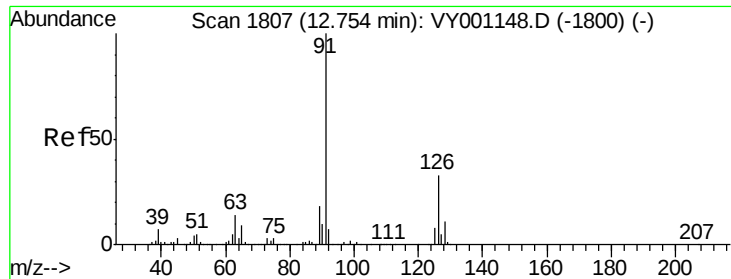
Tgt Ion: 91 Resp: 613996

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 53.507 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion: 91 Resp: 353541

Ion Ratio Lower Upper

91 100

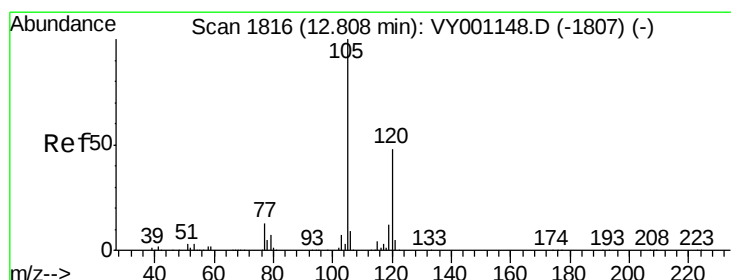
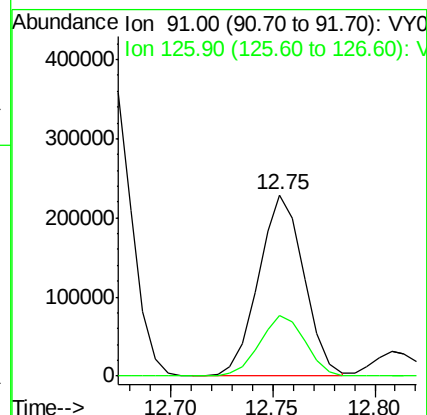
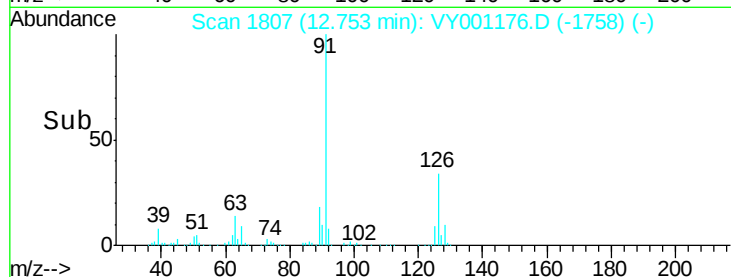
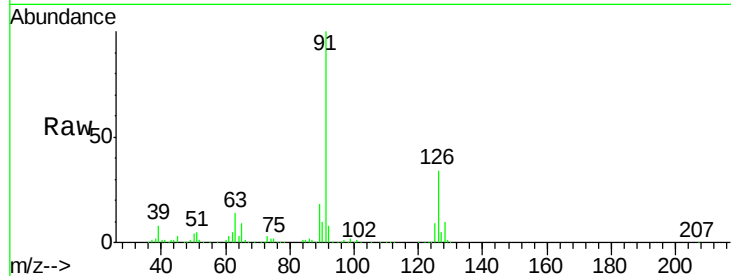
126 33.6 16.4 49.4

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#80

1,3,5-Trimethylbenzene

Concen: 54.126 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY001176.D

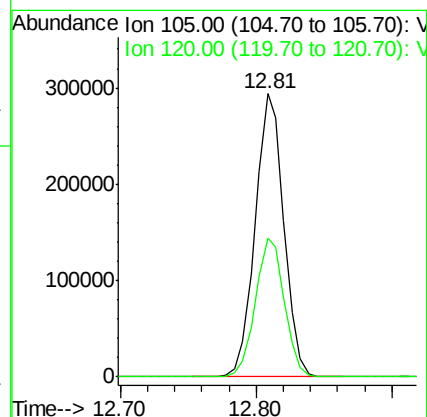
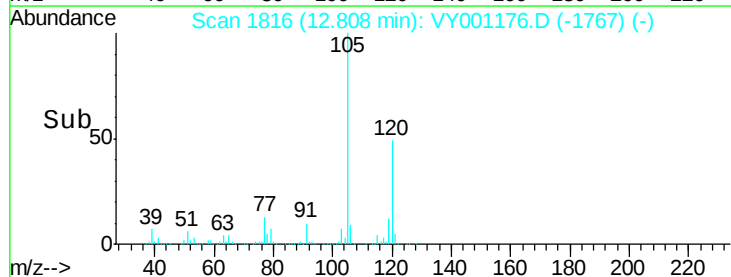
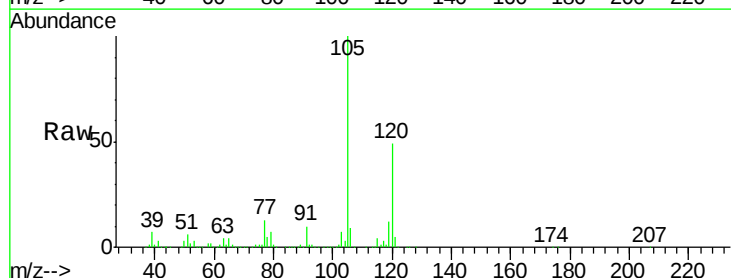
Acq: 13 Jan 2020 13:26

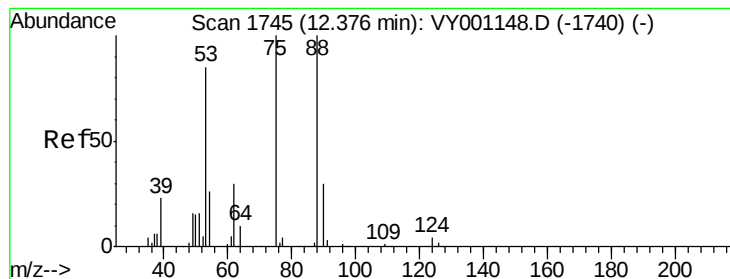
Tgt Ion: 105 Resp: 431965

Ion Ratio Lower Upper

105 100

120 49.5 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.000 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

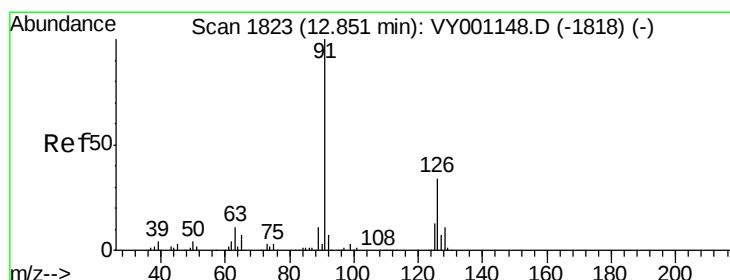
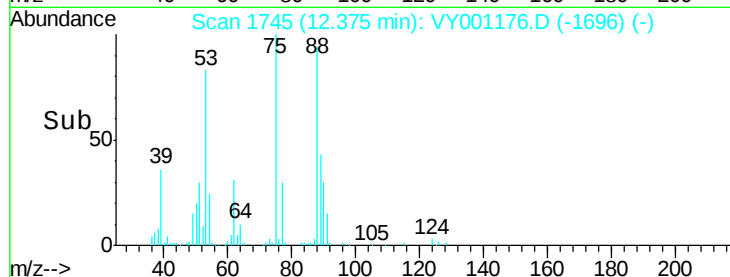
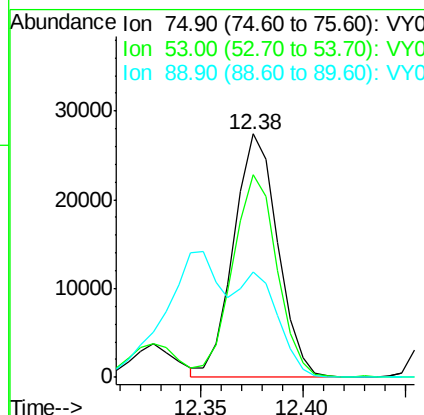
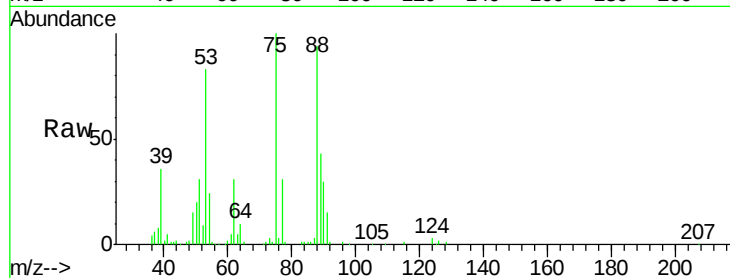
ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion:	75	Resp:	40962
Ion	Ratio	Lower	Upper
75	100		
53	84.1	69.4	104.2
89	0.0	0.0	0.0

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#82

4-Chlorotoluene

Concen: 52.153 ug/l

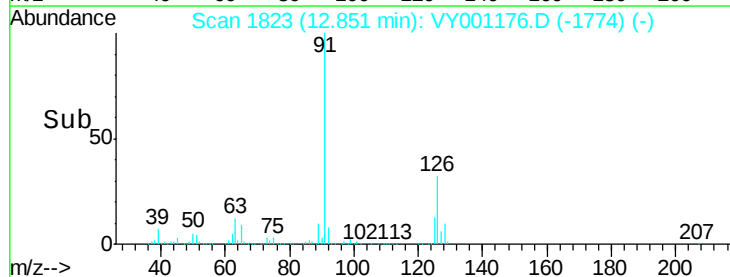
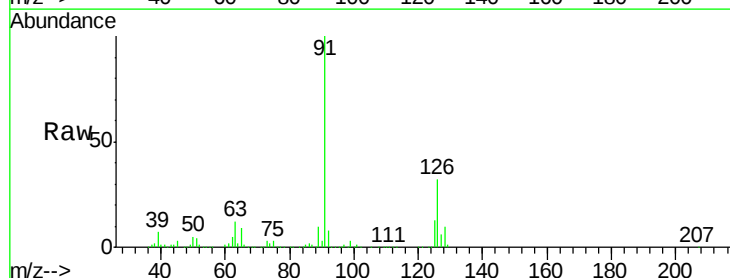
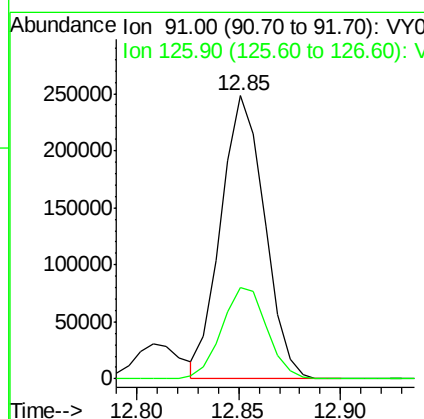
RT: 12.85 min Scan# 1823

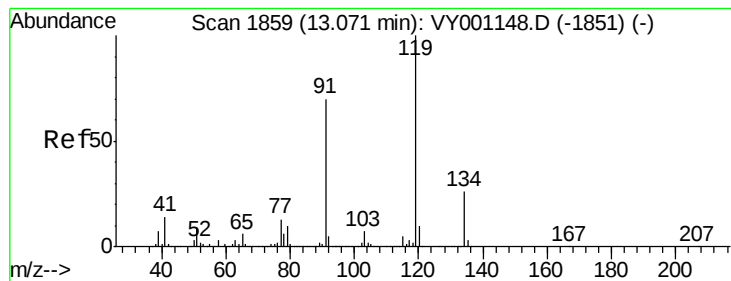
Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Tgt Ion:	91	Resp:	367884
Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.3	48.8





#83

tert-Butylbenzene

Concen: 53.635 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Instrument :

MSVOA_Y

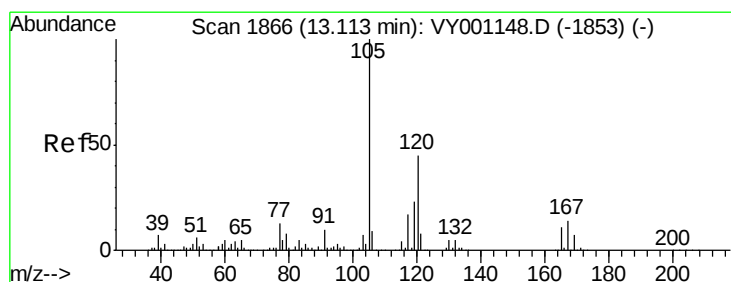
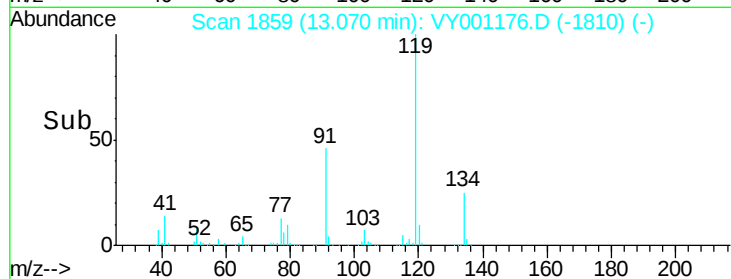
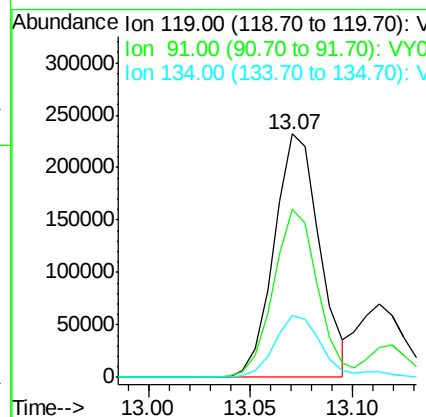
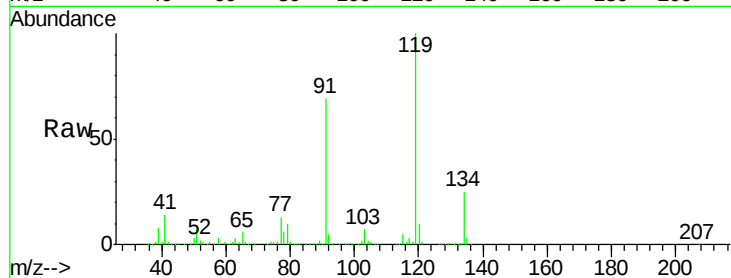
ClientSampleId :

CIY1-SB-04-0-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		359671		
91	67.9	33.9	101.7		
134	27.4	13.5	40.4		

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#84

1,2,4-Trimethylbenzene

Concen: 54.056 ug/l

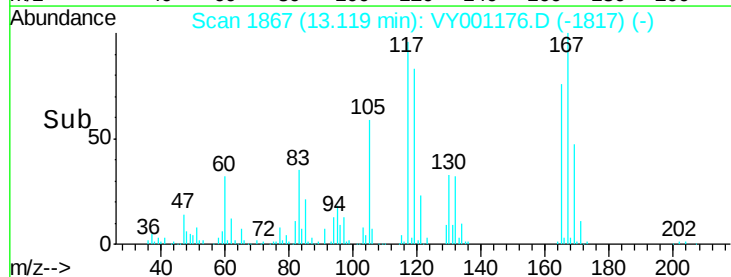
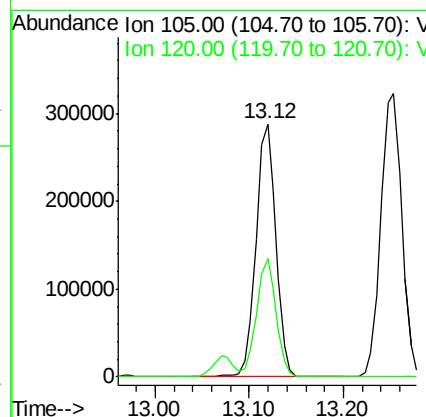
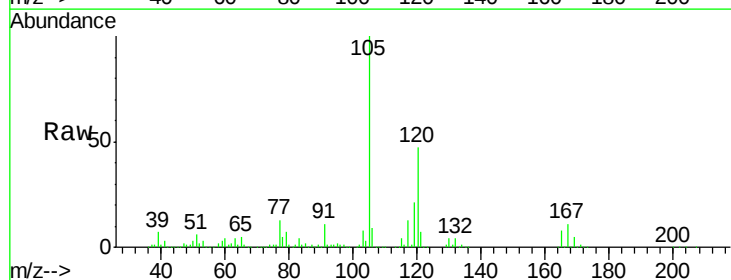
RT: 13.12 min Scan# 1867

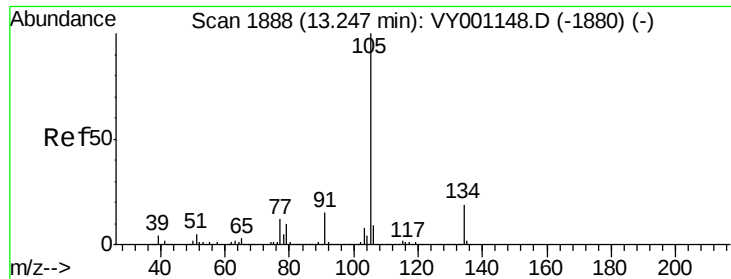
Delta R.T. 0.01 min

Lab File: VY001176.D

Acq: 13 Jan 2020 13:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		428413		
120	46.2	22.8	68.3		





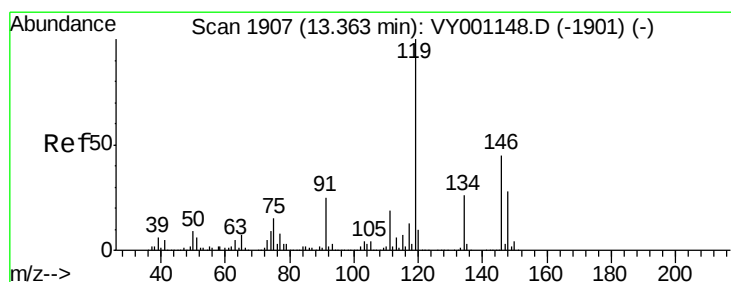
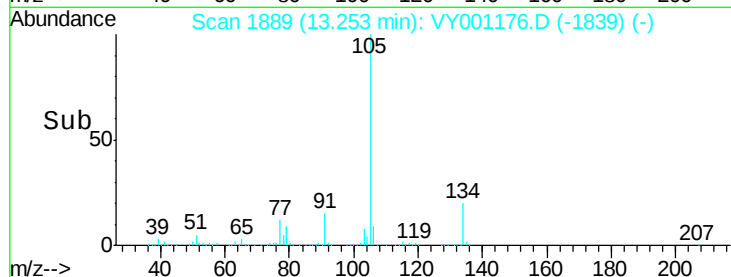
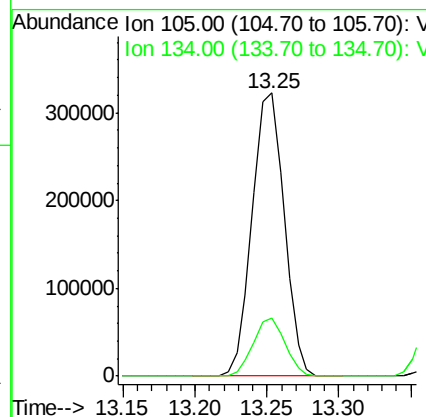
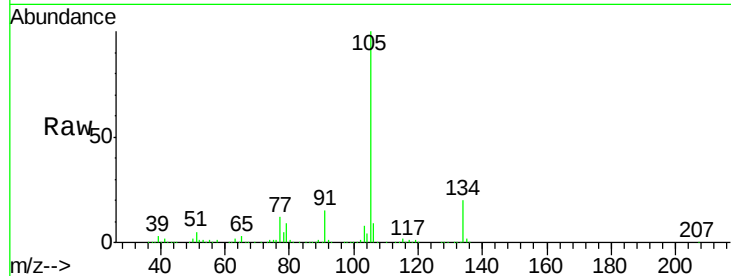
#85
 sec-Butylbenzene
 Concen: 51.580 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	9.8	29.5

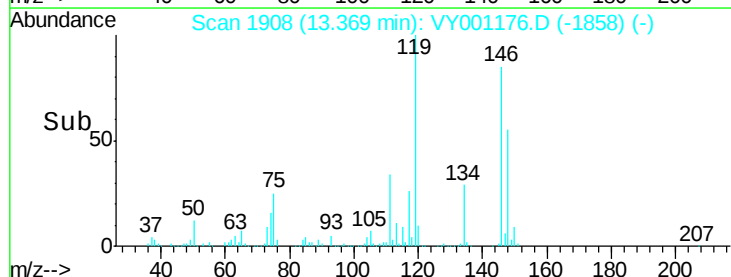
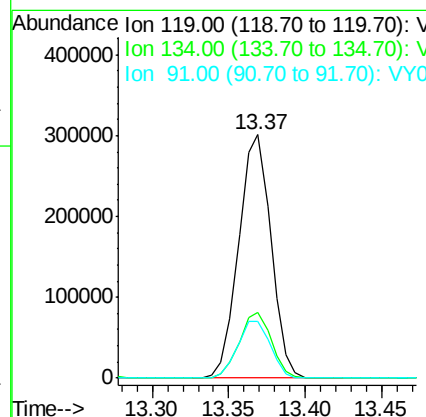
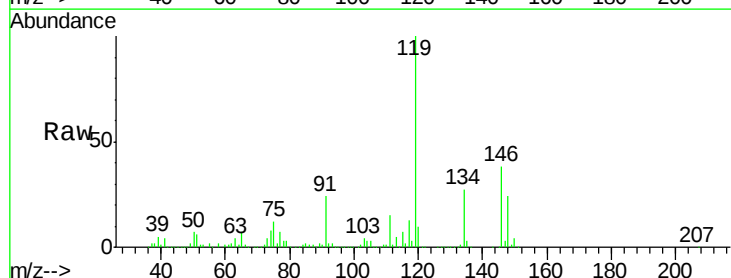
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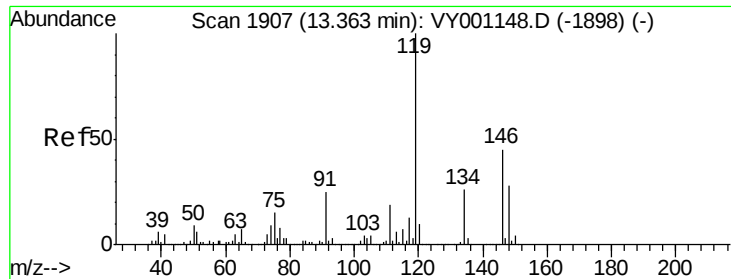
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#86
 p-Isopropyltoluene
 Concen: 52.551 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.2
91	24.1	12.4	37.2





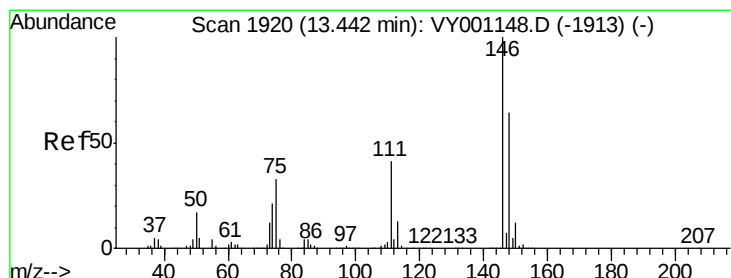
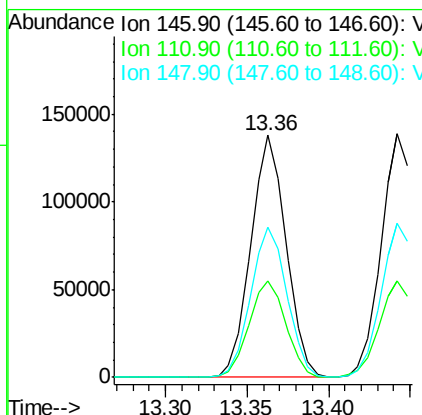
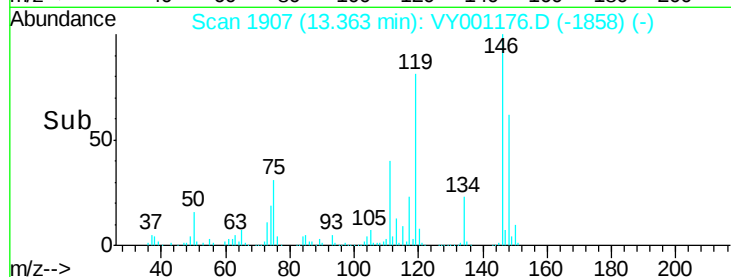
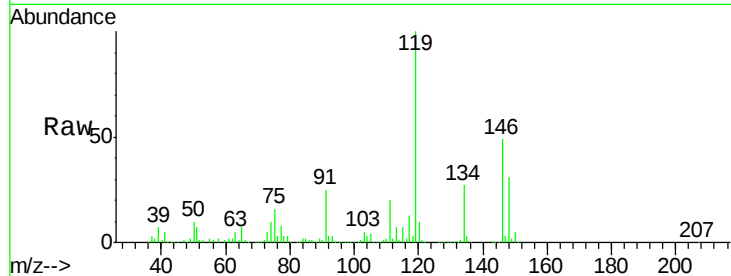
#87
 1,3-Dichlorobenzene
 Concen: 52.173 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	208538		
111	41.3		21.3	64.0
148	63.5		31.9	95.5

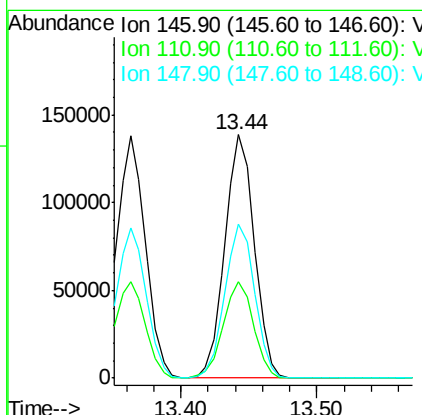
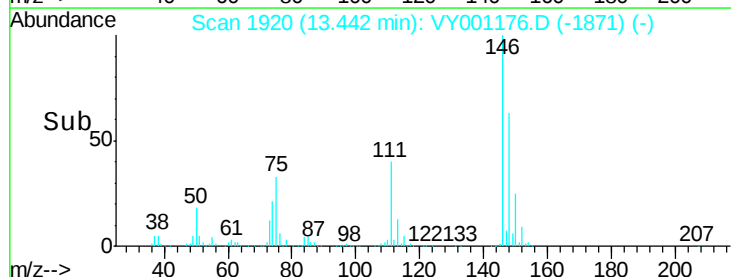
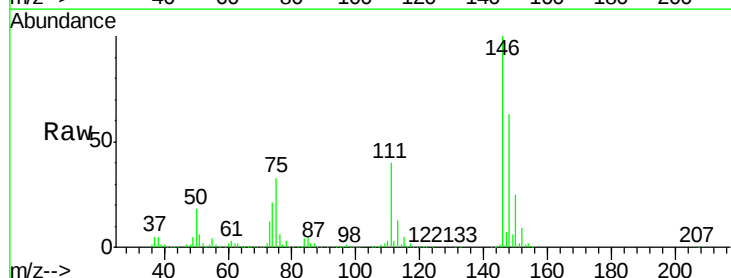
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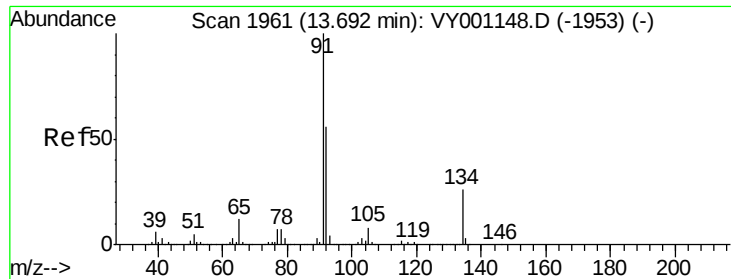
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#88
 1,4-Dichlorobenzene
 Concen: 50.821 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	209062		
111	40.5		20.8	62.5
148	64.2		32.0	96.2





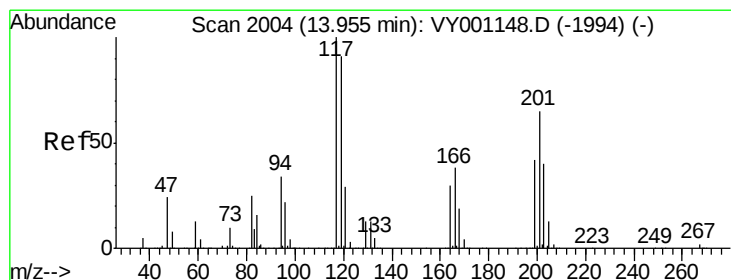
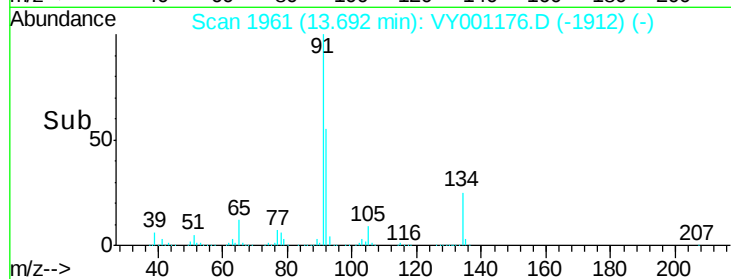
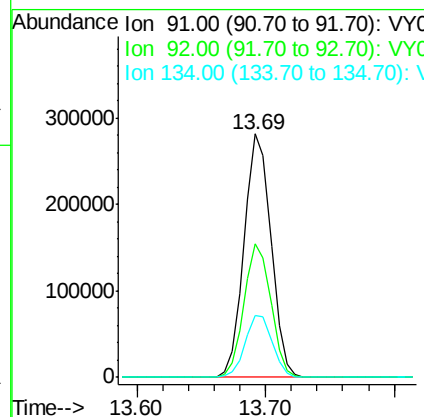
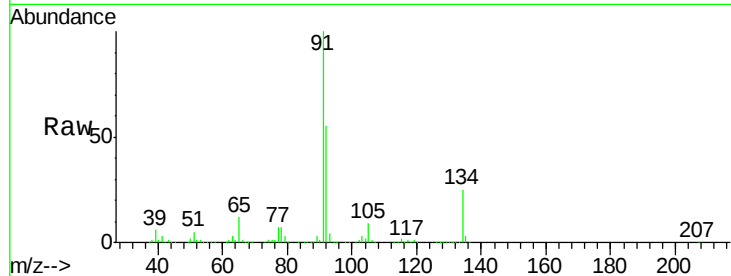
#89
n-Butylbenzene
Concen: 48.156 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.7	83.1
134	25.8	12.9	38.6

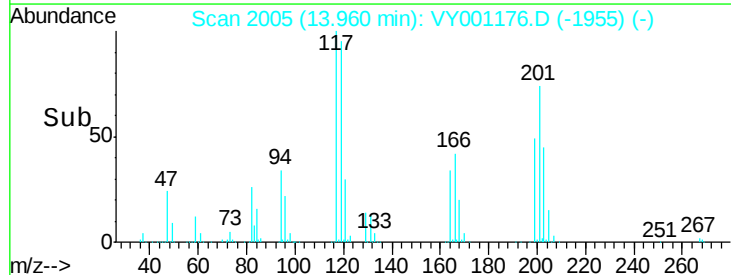
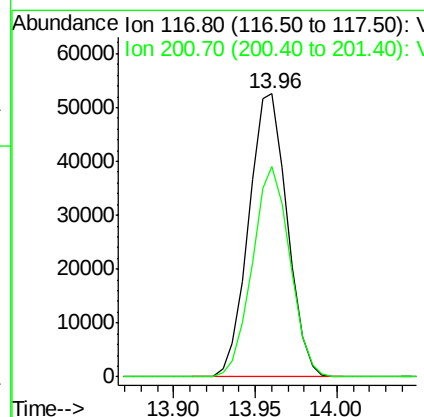
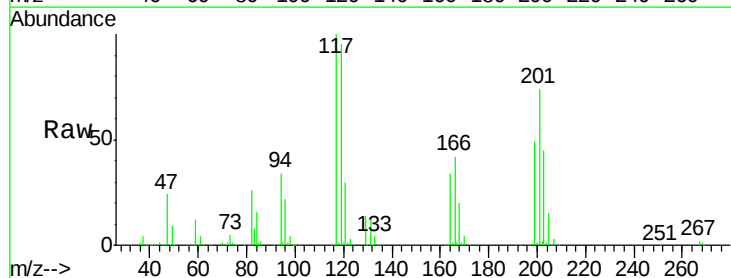
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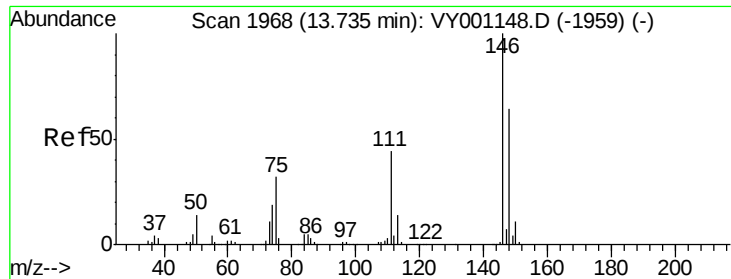
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#90
Hexachloroethane
Concen: 52.673 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.4	35.4	106.2





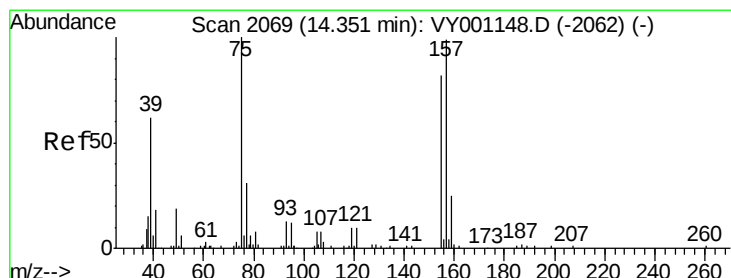
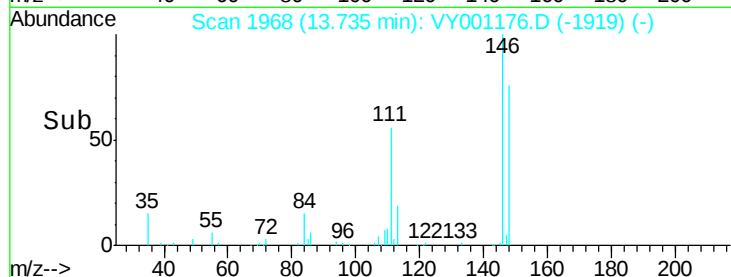
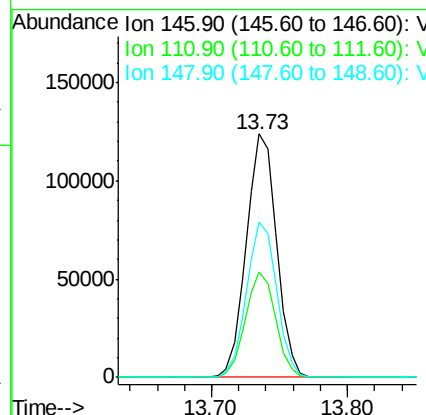
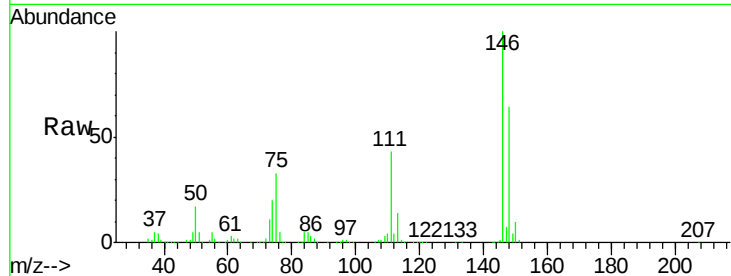
#91
 1,2-Dichlorobenzene
 Concen: 52.030 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	22.0	66.0
148	63.6	32.1	96.3

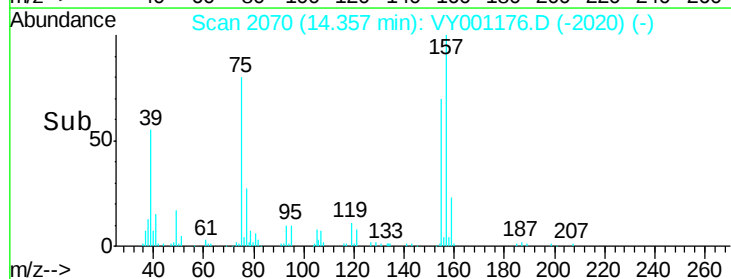
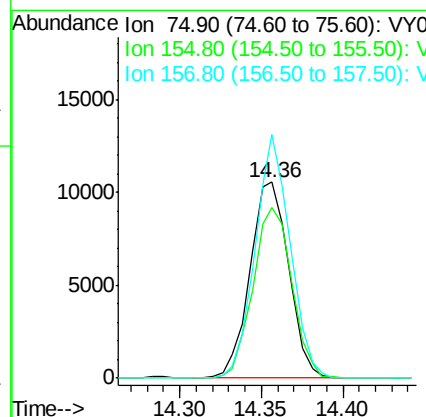
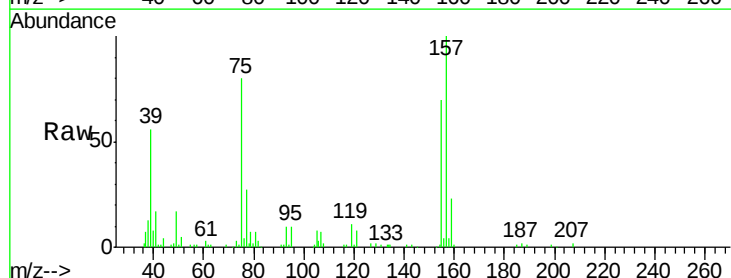
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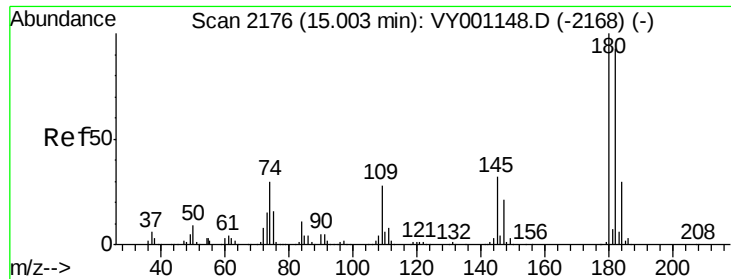
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.090 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.1	41.2	123.6
157	112.0	52.8	158.4





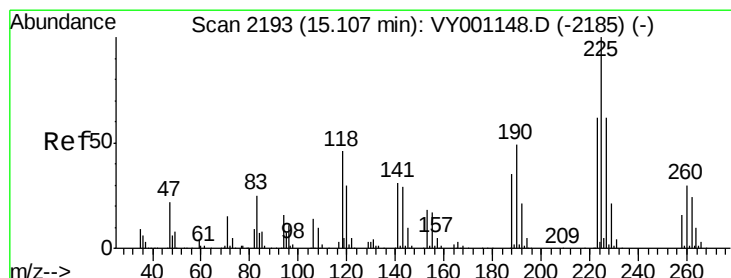
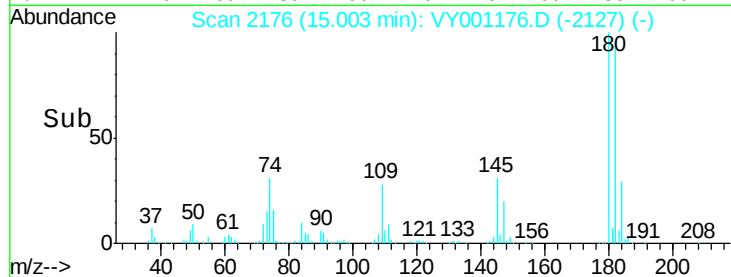
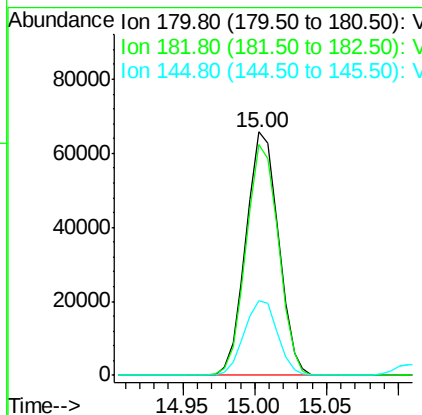
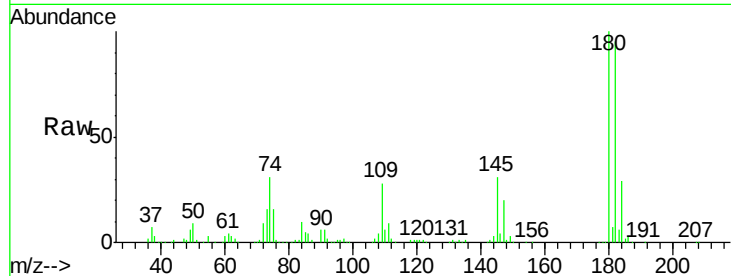
#93
 1,2,4-Trichlorobenzene
 Concen: 42.057 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	102936		
182	94.1	46.9	140.8	
145	31.5	16.0	48.0	

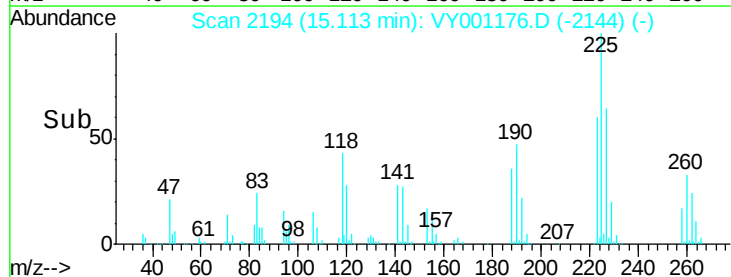
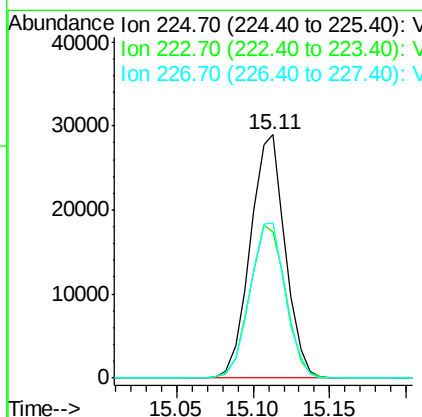
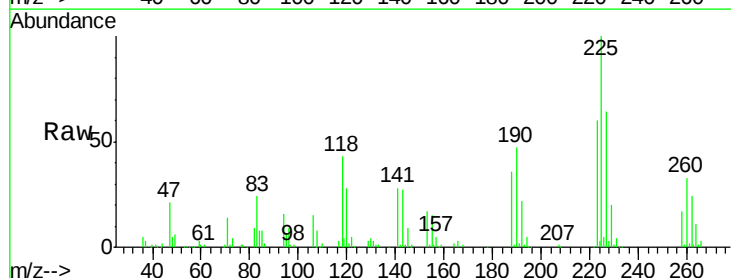
Manual Integrations
 APPROVED

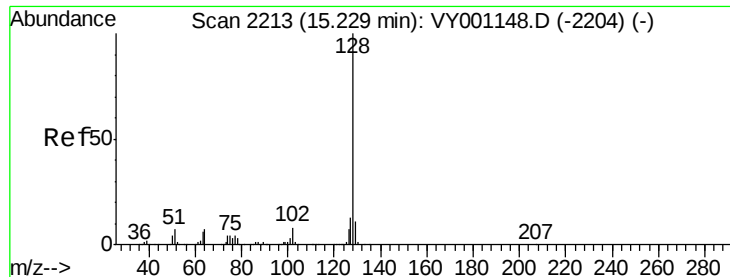
apatel
 1/14/2020 12:47:25 PM



#94
 Hexachlorobutadiene
 Concen: 37.081 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY001176.D
 Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	45721		
223	64.6	31.1	93.3	
227	65.0	31.3	93.9	





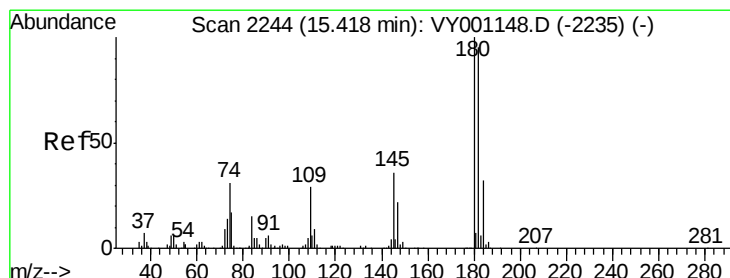
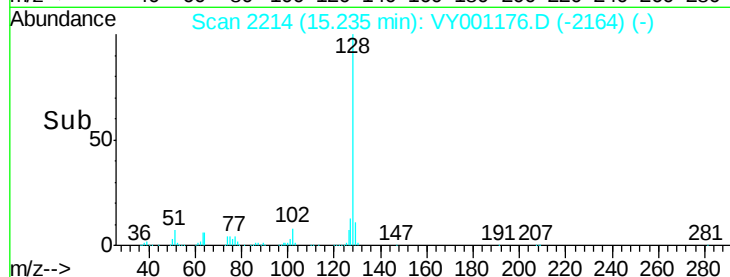
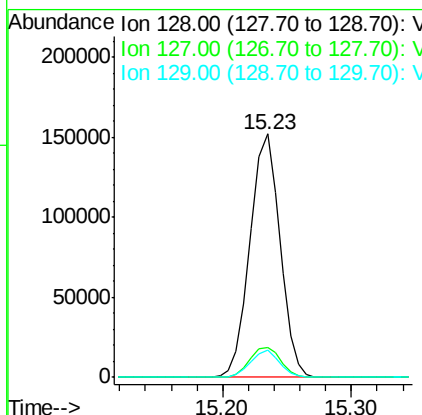
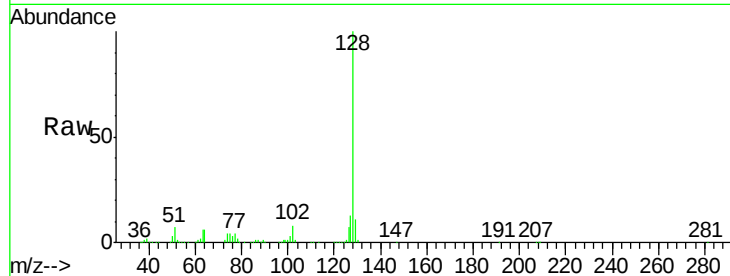
#95
Naphthalene
Concen: 42.900 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.5	12.7

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 40.739 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY001176.D
Acq: 13 Jan 2020 13:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.5	142.5
145	33.8	17.1	51.3

