

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011020\
 Data File : VY001165.D
 Acq On : 10 Jan 2020 22:07
 Operator : SY/MD
 Sample : L1046-13MSD
 Misc : 6.57G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 12:39:30 PM

Quant Time: Jan 13 01:25:34 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	5007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	8786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	8673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	4156	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	4179	79.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	158.04%	
35) Dibromofluoromethane	7.72	113	3152	61.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.54%	
50) Toluene-d8	10.18	98	11225	56.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.26%	
62) 4-Bromofluorobenzene	12.48	95	4624	57.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	2094	54.456	ug/l	96
3) Chloromethane	2.11	50	3262	58.852	ug/l	92
4) Vinyl Chloride	2.26	62	2971	53.206	ug/l	93
5) Bromomethane	2.66	94	1202	40.074	ug/l #	77
6) Chloroethane	2.80	64	1945	60.291	ug/l #	87
7) Trichlorofluoromethane	3.13	101	4177	53.740	ug/l	95
8) Diethyl Ether	3.54	74	2587	85.656	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	2617	52.308	ug/l	95
10) Methyl Iodide	4.11	142	3560	51.985	ug/l	97
11) Tert butyl alcohol	4.96	59	2944	553.310	ug/l #	73
12) 1,1-Dichloroethene	3.88	96	2903	56.715	ug/l	95
13) Acrolein	3.73	56	782	163.258	ug/l #	72
14) Allyl chloride	4.49	41	5981	69.233	ug/l #	76
15) Acrylonitrile	5.18	53	7650	506.463	ug/l	98
16) Acetone	3.95	43	9092	740.296	ug/l	99
17) Carbon Disulfide	4.19	76	8015	48.380	ug/l	96
18) Methyl Acetate	4.48	43	7039	173.349	ug/l	94
19) Methyl tert-butyl Ether	5.22	73	12347	87.205	ug/l	98
20) Methylene Chloride	4.72	84	4084	74.007	ug/l #	93
21) trans-1,2-Dichloroethene	5.24	96	3192	54.997	ug/l	94
22) Diisopropyl ether	6.13	45	11304	64.064	ug/l #	89
23) Vinyl Acetate	6.07	43	3247m	28.774	ug/l	
24) 1,1-Dichloroethane	6.03	63	5470	56.626	ug/l	94
25) 2-Butanone	7.00	43	11538	603.627	ug/l #	84
26) 2,2-Dichloropropane	6.99	77	3786	42.621	ug/l	87
27) cis-1,2-Dichloroethene	7.00	96	3934	61.859	ug/l	91
28) Bromochloromethane	7.35	49	3280	82.688	ug/l #	97
29) Tetrahydrofuran	7.36	42	7521	574.158	ug/l	98
30) Chloroform	7.52	83	5964	63.011	ug/l	97
31) Cyclohexane	7.80	56	5316	51.976	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	4519	53.810	ug/l	97
36) 1,1-Dichloropropene	7.93	75	4012	50.101	ug/l	90
37) Ethyl Acetate	7.08	43	3040	64.686	ug/l	98
38) Carbon Tetrachloride	7.91	117	3554	48.427	ug/l	89

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	5688	52.393	ug/l	92
40) Benzene	8.17	78	13205	56.490	ug/l	91
41) Methacrylonitrile	7.32	41	2552m	115.601	ug/l	
42) 1,2-Dichloroethane	8.24	62	5066	77.398	ug/l	93
43) Isopropyl Acetate	8.28	43	7623	84.826	ug/l	99
44) Trichloroethene	8.94	130	3786	62.157	ug/l	83
45) 1,2-Dichloropropane	9.22	63	3766	65.168	ug/l	99
46) Dibromomethane	9.32	93	2505	79.446	ug/l	92
47) Bromodichloromethane	9.50	83	5492	71.470	ug/l	95
48) Methyl methacrylate	9.30	41	4333	104.193	ug/l	94
49) 1,4-Dioxane	9.30	88	1071	2789.147	ug/l #	90
51) 4-Methyl-2-Pentanone	10.07	43	22342	489.965	ug/l	99
52) Toluene	10.24	92	7913	53.075	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	5155	59.950	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	6086	62.776	ug/l #	84
55) 1,1,2-Trichloroethane	10.64	97	3974	85.016	ug/l	94
56) Ethyl methacrylate	10.51	69	4864	68.025	ug/l	97
57) 1,3-Dichloropropane	10.79	76	6386	79.579	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.78	63	3917	155.755	ug/l	97
59) 2-Hexanone	10.83	43	15756	493.031	ug/l	99
60) Dibromochloromethane	10.99	129	3947	73.337	ug/l	100
61) 1,2-Dibromoethane	11.09	107	3492	76.507	ug/l	90
64) Tetrachloroethene	10.72	164	3593	64.266	ug/l	98
65) Chlorobenzene	11.52	112	9189	53.023	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	3354	56.153	ug/l	96
67) Ethyl Benzene	11.59	91	15123	47.703	ug/l	95
68) m/p-Xylenes	11.70	106	11253	94.097	ug/l	100
69) o-Xylene	12.03	106	5720	49.887	ug/l	98
70) Styrene	12.04	104	9933	49.373	ug/l	98
71) Bromoform	12.20	173	2581	70.069	ug/l #	93
73) Isopropylbenzene	12.33	105	14655	46.905	ug/l	100
74) N-amyl acetate	12.14	43	3529	36.193	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.58	83	5297	80.582	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	3917m	88.042	ug/l	
77) Bromobenzene	12.61	156	3678	53.276	ug/l	98
78) n-propylbenzene	12.67	91	16759	44.594	ug/l	99
79) 2-Chlorotoluene	12.75	91	10052	46.573	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	11855	45.476	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	983	37.468	ug/l #	98
82) 4-Chlorotoluene	12.85	91	10160	44.094	ug/l	99
83) tert-Butylbenzene	13.07	119	10397	47.464	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	12372	47.790	ug/l	98
85) sec-Butylbenzene	13.25	105	14019	44.487	ug/l	99
86) p-Isopropyltoluene	13.37	119	12114	44.276	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	6002	45.970	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	6585	49.005	ug/l	98
89) n-Butylbenzene	13.69	91	11190	40.607	ug/l	97
90) Hexachloroethane	13.95	117	1851	34.623	ug/l	95
91) 1,2-Dichlorobenzene	13.73	146	6710	55.298	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.35	75	646	54.480	ug/l	92

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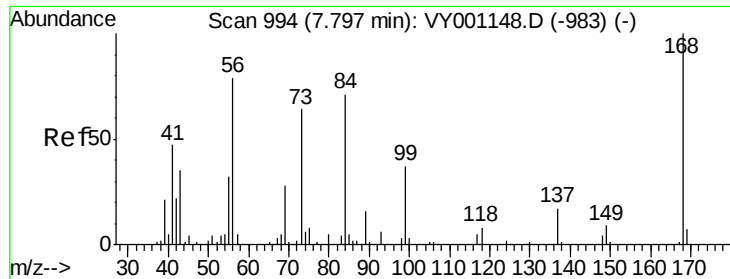
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	2783	34.810	ug/l	83
94) Hexachlorobutadiene	15.11	225	1583	39.303	ug/l	97
95) Naphthalene	15.23	128	8452	45.411	ug/l	97
96) 1,2,3-Trichlorobenzene	15.42	180	2814	39.938	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion:168 Resp: 5007

Ion Ratio Lower Upper

168 100

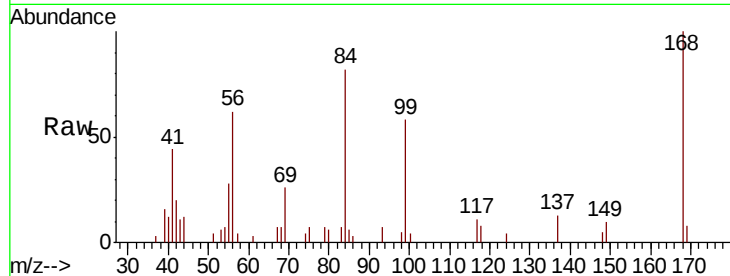
99 58.0 47.9 71.9

Manual Integrations

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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) (-)

7.80

2500

2000

1500

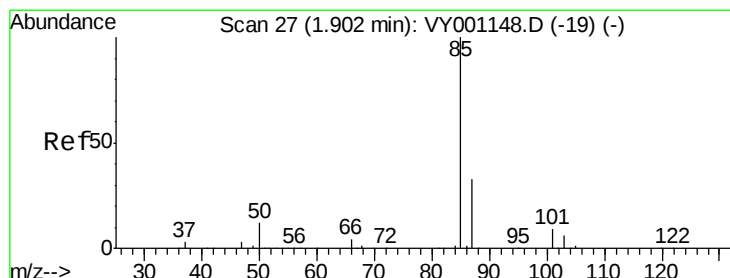
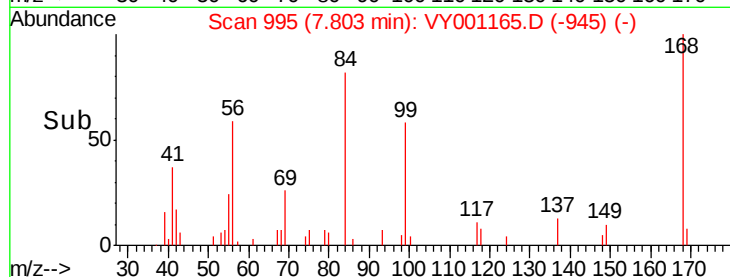
1000

500

0

7.75 7.80 7.85

Time-->



#2

Dichlorodifluoromethane

Concen: 54.456 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY001165.D

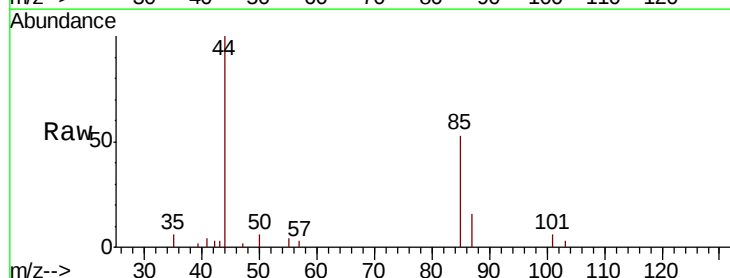
Acq: 10 Jan 2020 22:07

Tgt Ion: 85 Resp: 2094

Ion Ratio Lower Upper

85 100

87 30.8 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) (-)

1.91

1500

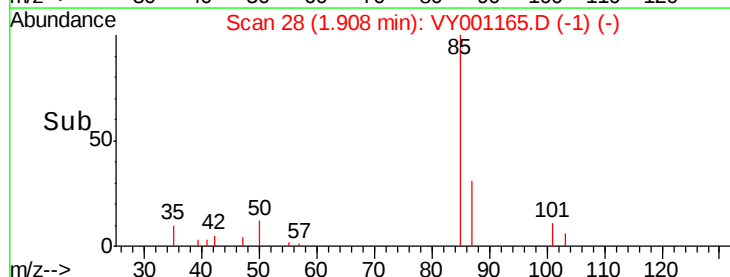
1000

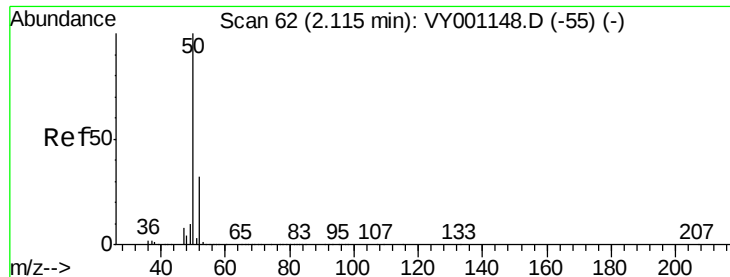
500

0

1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 58.852 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 50 Resp: 3262

Ion Ratio Lower Upper

50 100

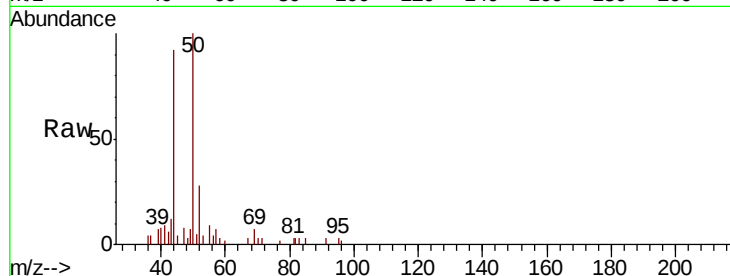
52 27.7 25.8 38.6

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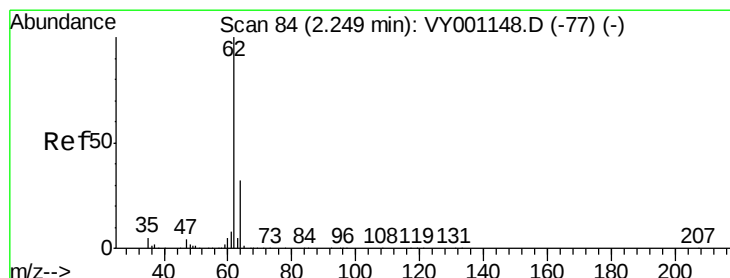
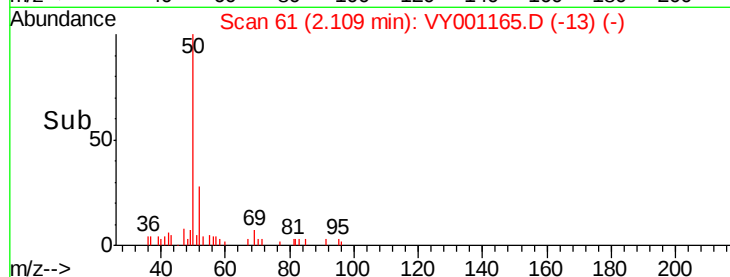
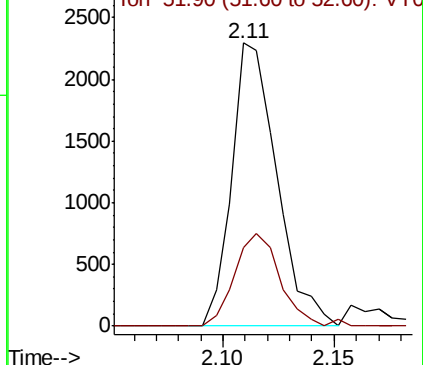
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 53.206 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001165.D

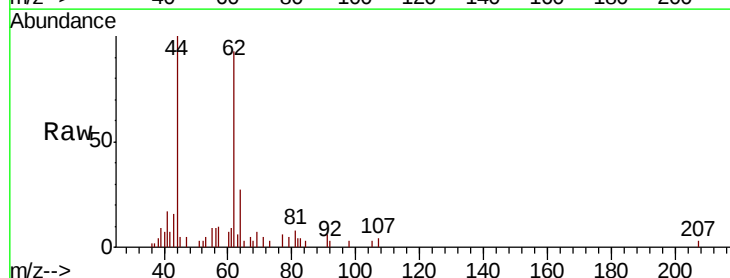
Acq: 10 Jan 2020 22:07

Tgt Ion: 62 Resp: 2971

Ion Ratio Lower Upper

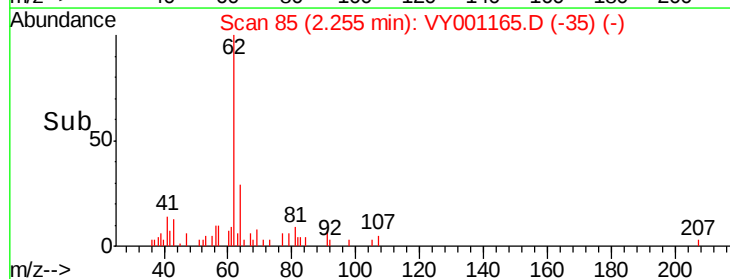
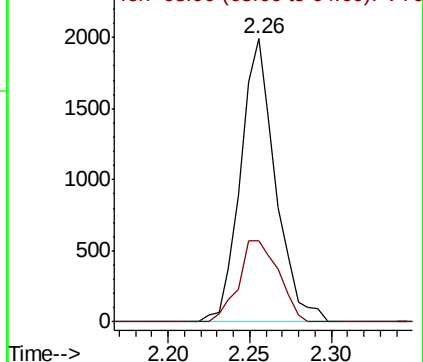
62 100

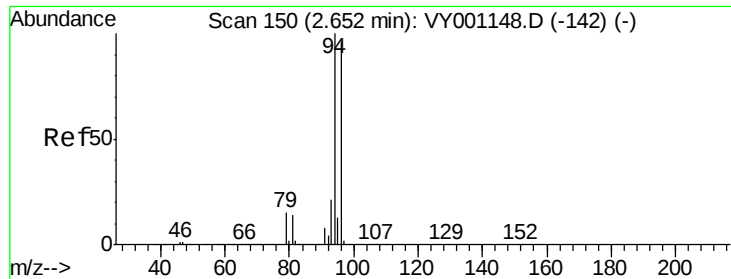
64 28.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 40.074 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 94 Resp: 1202

Ion Ratio Lower Upper

94 100

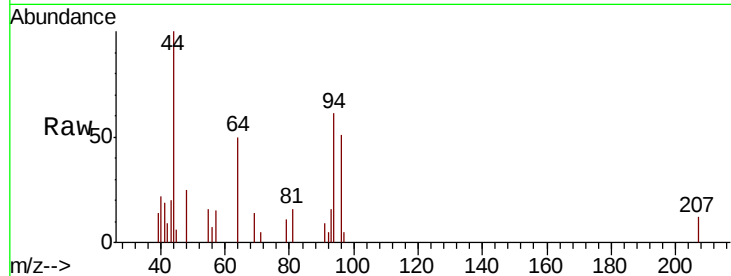
96 74.5 77.3 115.9#

Manual Integrations

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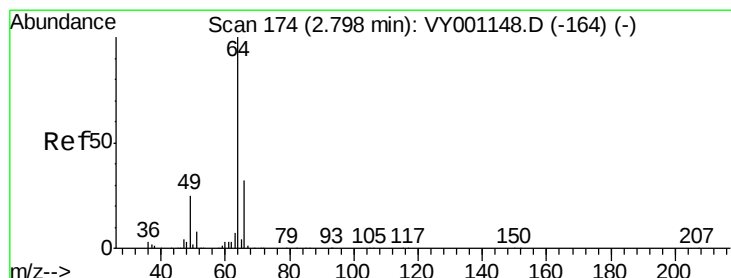
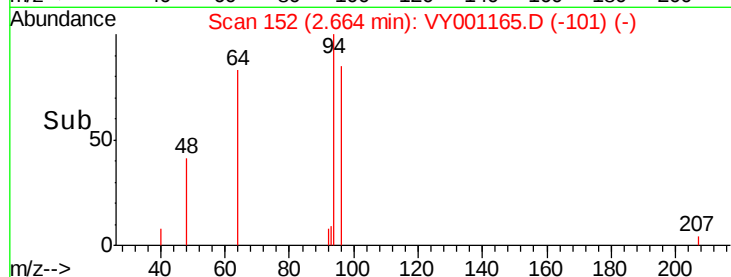
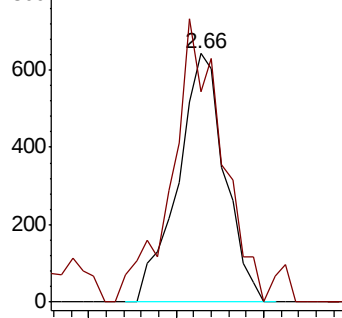
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 60.291 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.01 min

Lab File: VY001165.D

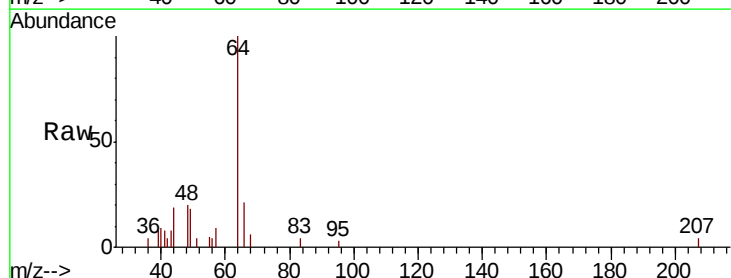
Acq: 10 Jan 2020 22:07

Tgt Ion: 64 Resp: 1945

Ion Ratio Lower Upper

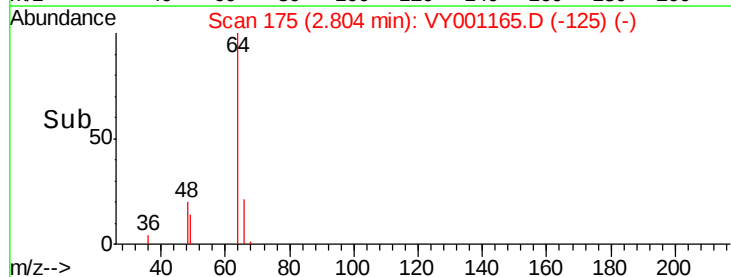
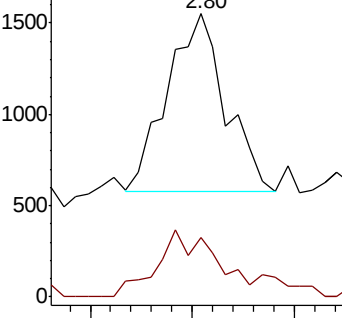
64 100

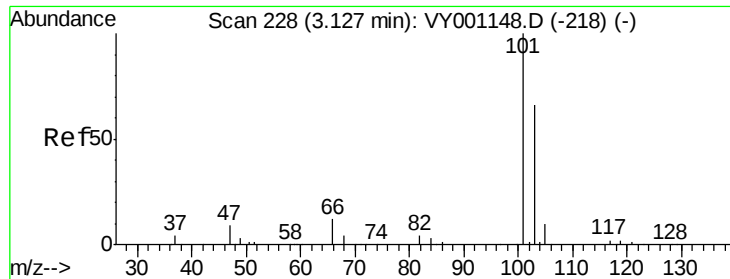
66 24.4 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

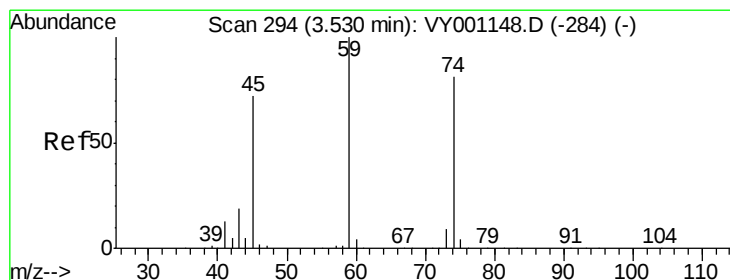
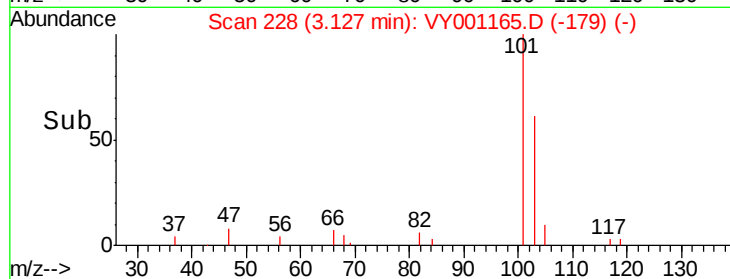
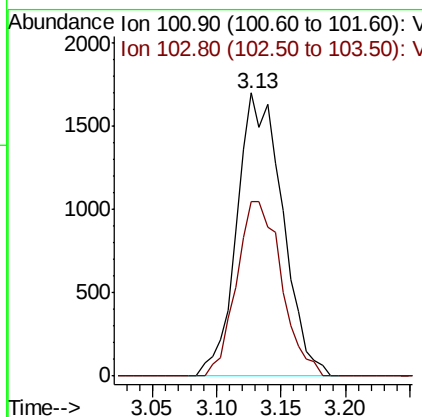
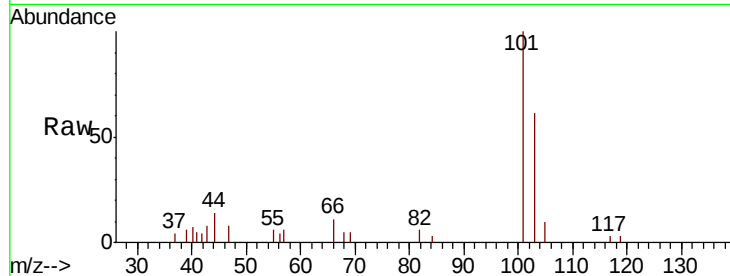
Trichlorofluoromethane
Concen: 53.740 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.5	52.6	79.0

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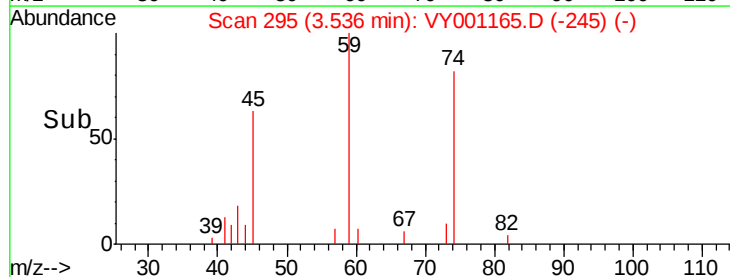
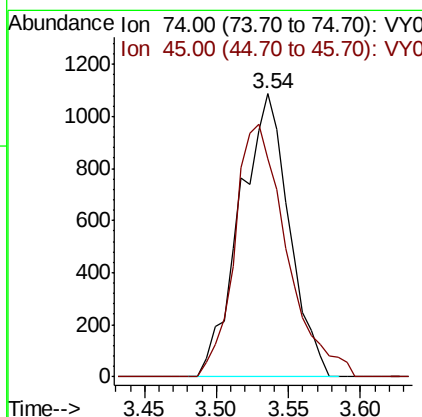
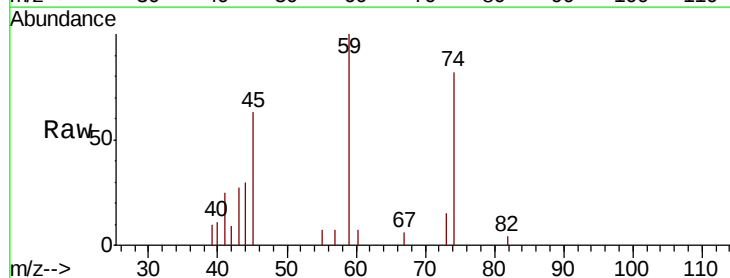
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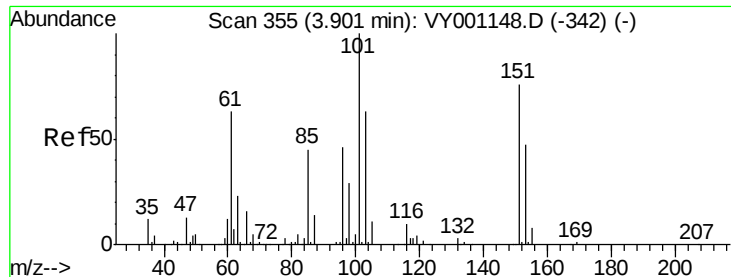


#8

Diethyl Ether
Concen: 85.656 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.0	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.308 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

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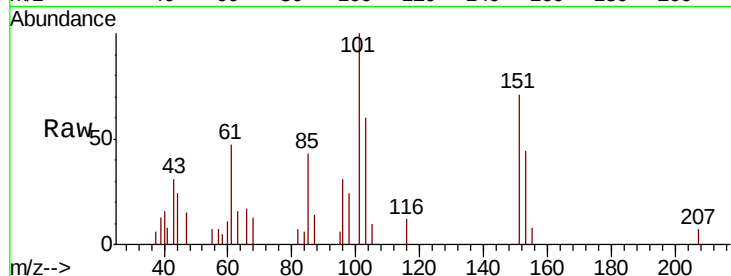
ClientSampleId :

CIY1-SB-04-0-2MSD

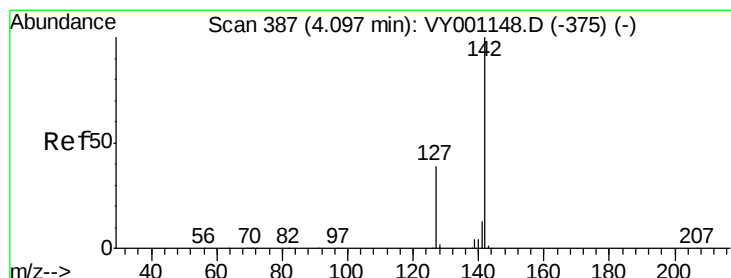
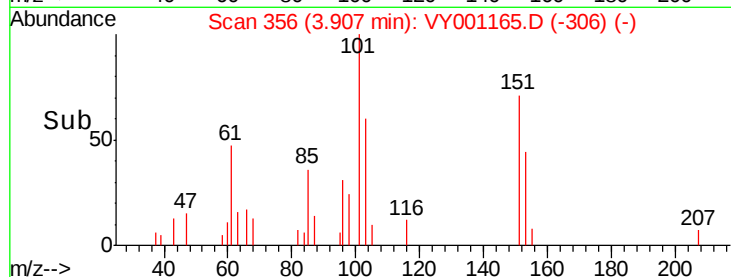
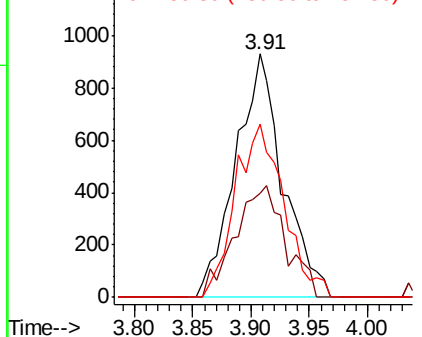
Tot Ion:	101	Resp:	2617
Ion Ratio	Lower	Upper	
101	100		
85	48.9	35.2	52.8
151	73.5	61.4	92.2

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



#10

Methyl Iodide

Concen: 51.985 ug/l

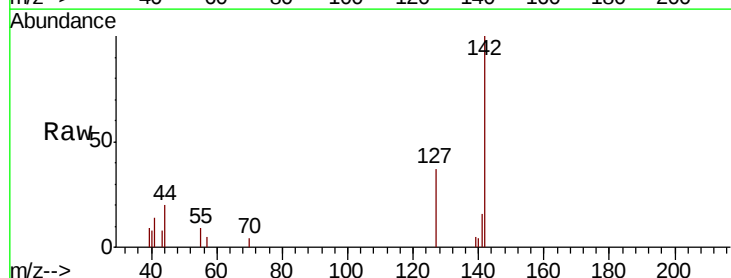
RT: 4.11 min Scan# 389

Delta R.T. 0.01 min

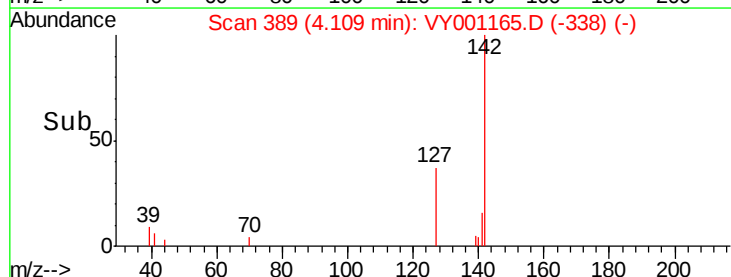
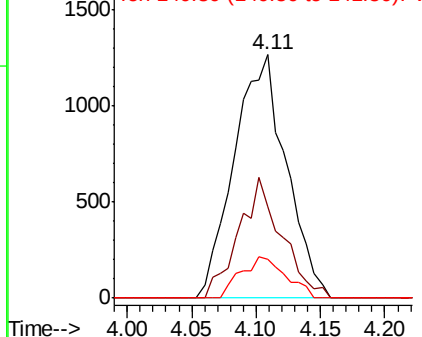
Lab File: VY001165.D

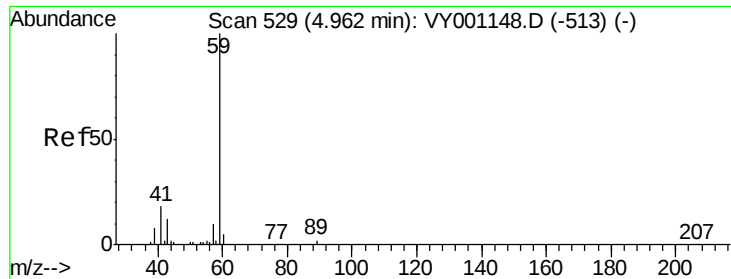
Acq: 10 Jan 2020 22:07

Tgt Ion:	142	Resp:	3560
Ion Ratio	Lower	Upper	
142	100		
127	40.7	30.8	46.2
141	14.7	11.0	16.4



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





#11

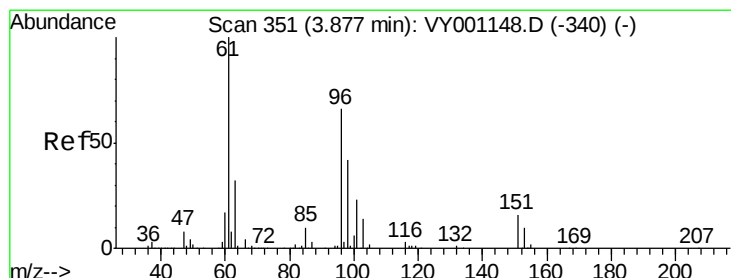
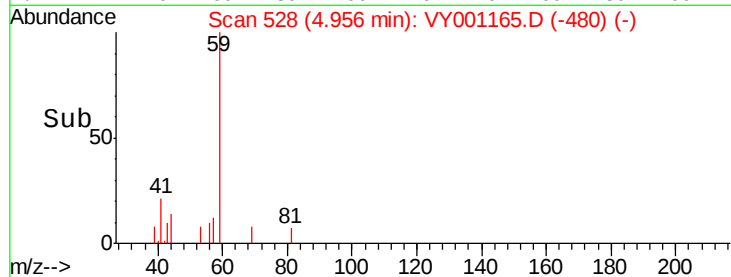
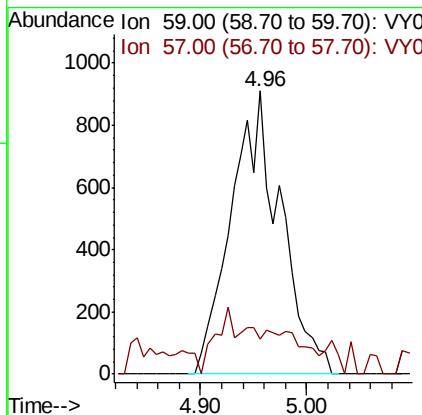
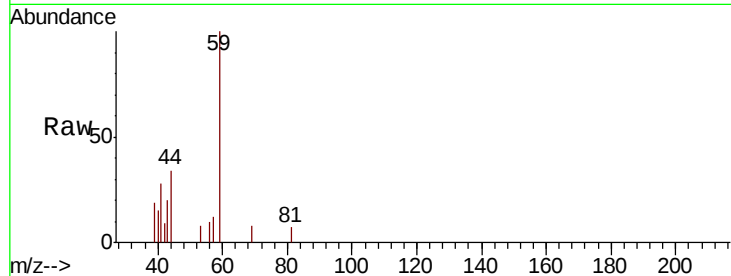
Tert butyl alcohol
Concen: 553.310 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

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

Tot Ion	59.00	Resp	2944
Ion Ratio	100	Lower	Upper
59	100		
57	0.0	7.8	11.8#

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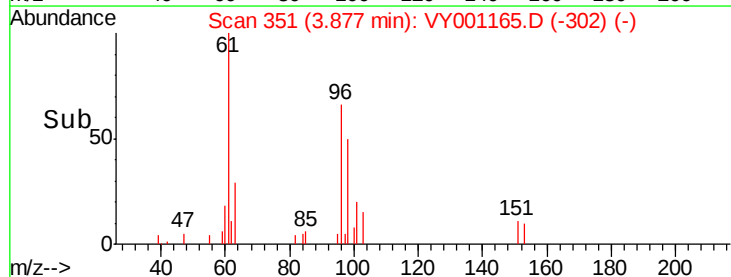
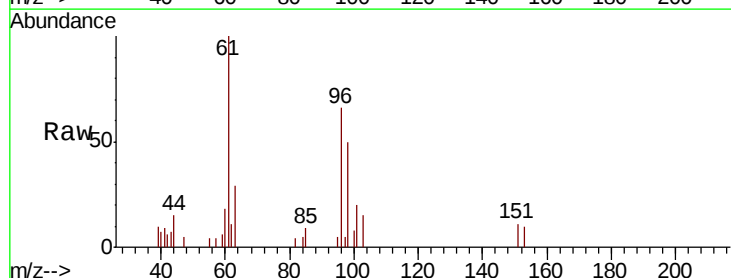
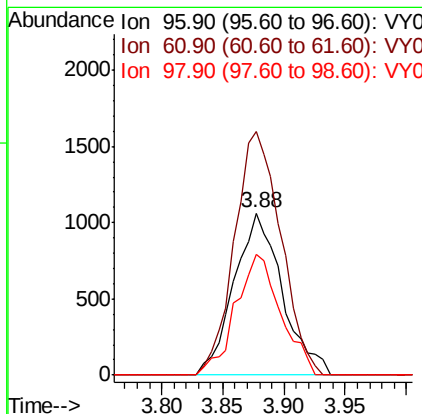
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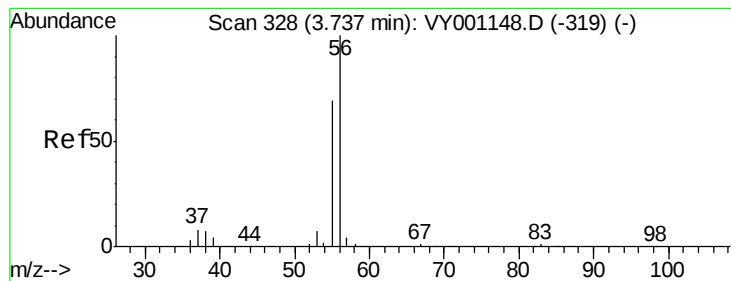


#12

1,1-Dichloroethene
Concen: 56.715 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion	96.00	Resp	2903
Ion Ratio	100	Lower	Upper
96	100		
61	150.6	122.1	183.1
98	74.7	51.0	76.6





#13

Acrolein

Concen: 163.258 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 56 Resp: 782

Ion Ratio Lower Upper

56 100

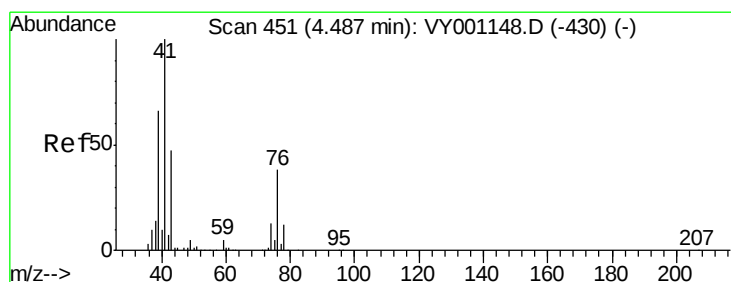
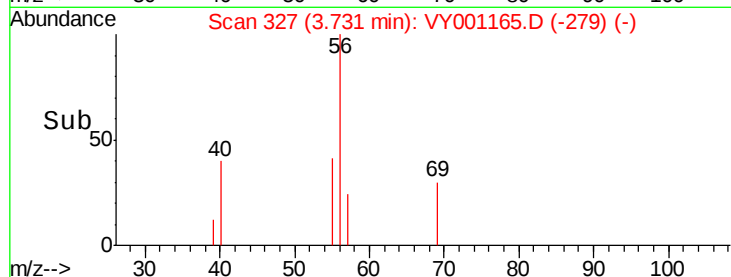
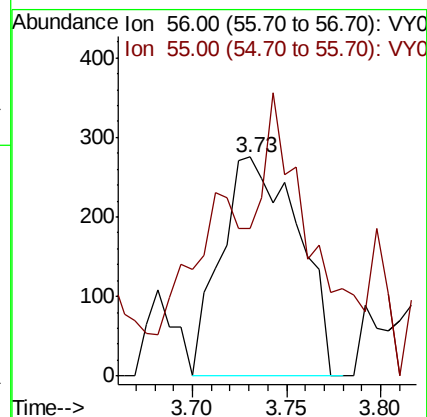
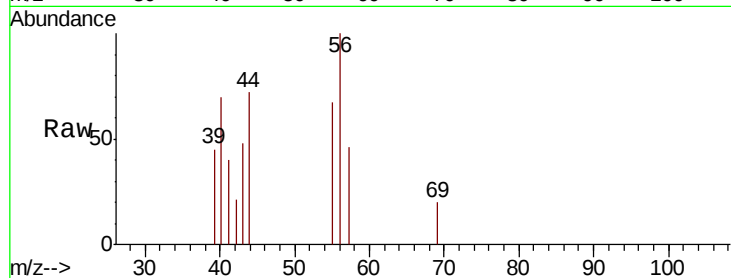
55 47.4 56.7 85.1#

Manual Integrations

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#14

Allyl chloride

Concen: 69.233 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

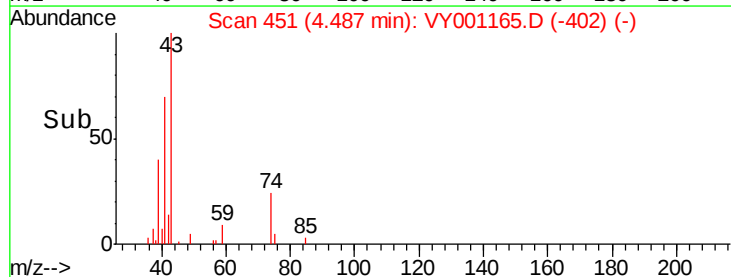
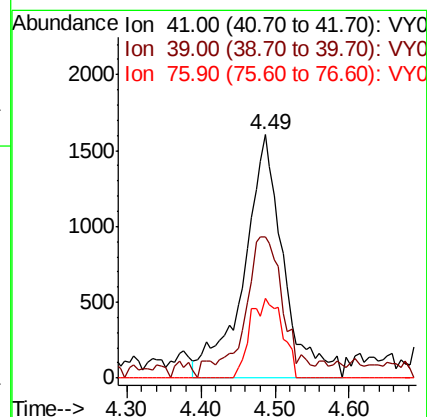
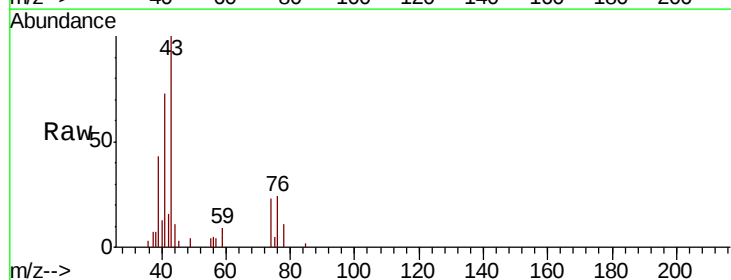
Tgt Ion: 41 Resp: 5981

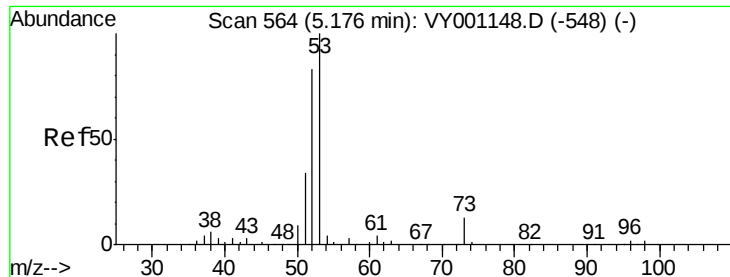
Ion Ratio Lower Upper

41 100

39 44.7 52.6 78.8#

76 26.6 30.2 45.2#





#15

Acrylonitrile

Concen: 506.463 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

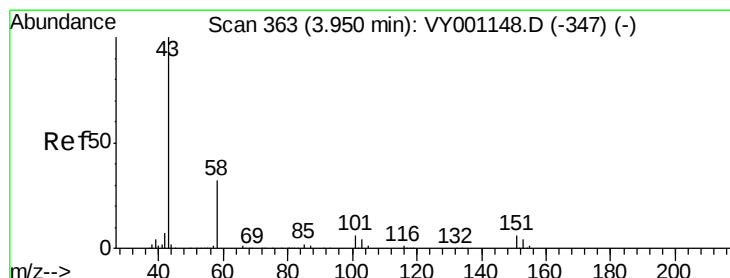
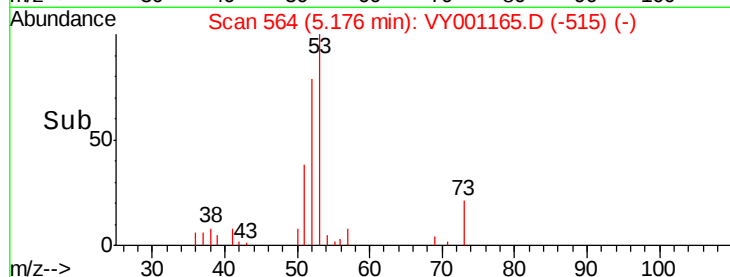
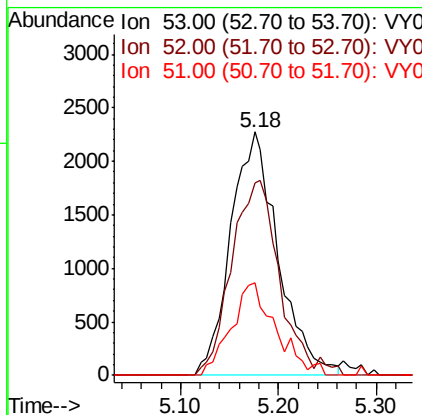
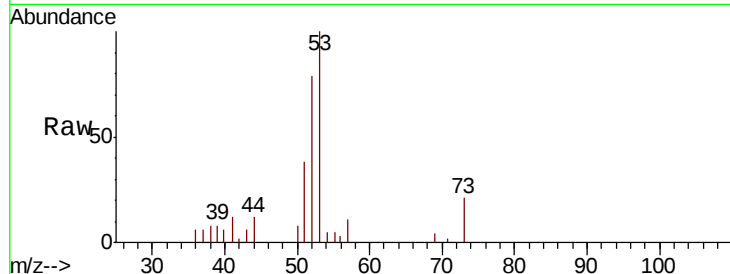
ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion:	53	Resp:	7650
Ion	Ratio	Lower	Upper
53	100		
52	79.6	65.7	98.5
51	36.1	28.7	43.1

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#16

Acetone

Concen: 740.296 ug/l

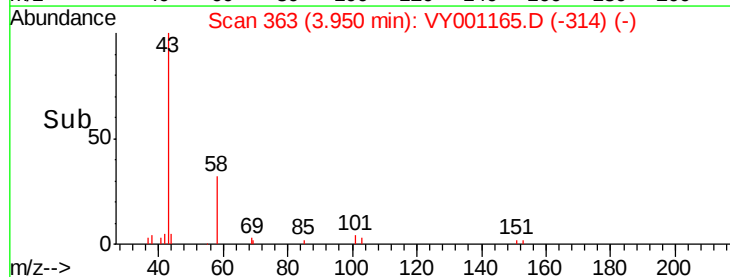
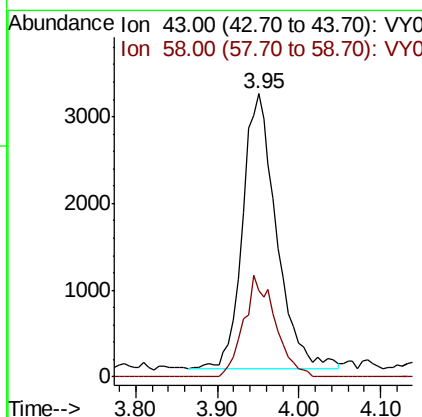
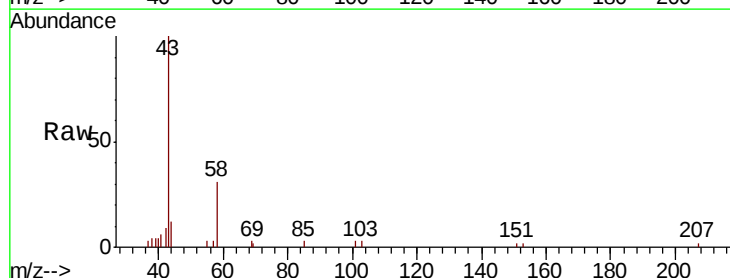
RT: 3.95 min Scan# 363

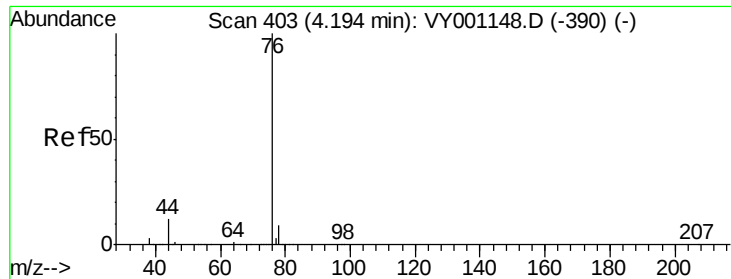
Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Tgt Ion:	43	Resp:	9092
Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.8	38.6





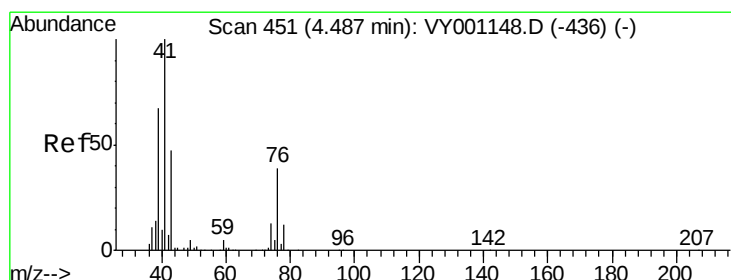
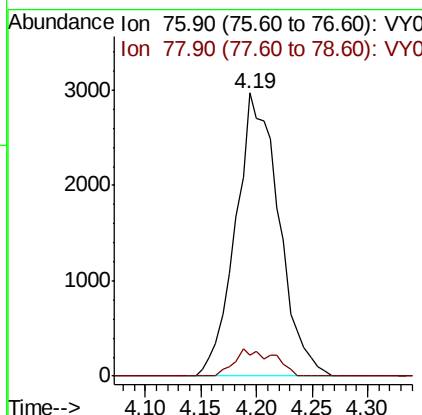
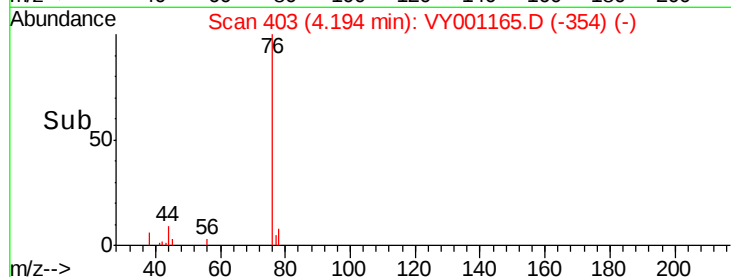
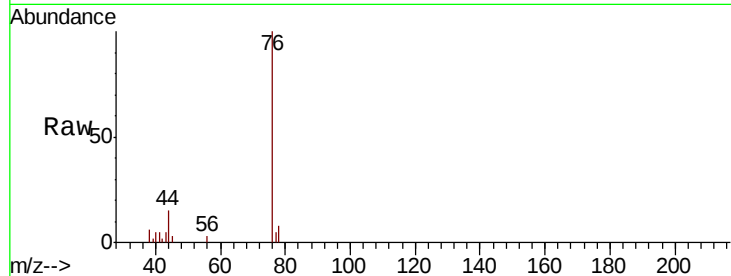
#17
Carbon Disulfide
Concen: 48.380 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.6	7.2	10.8

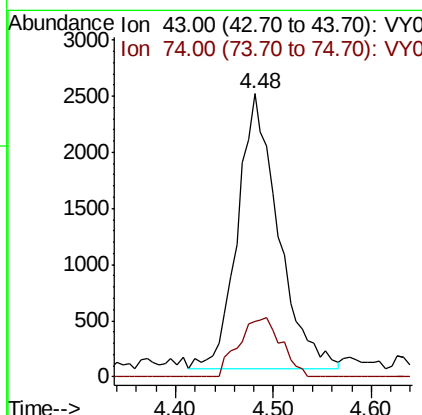
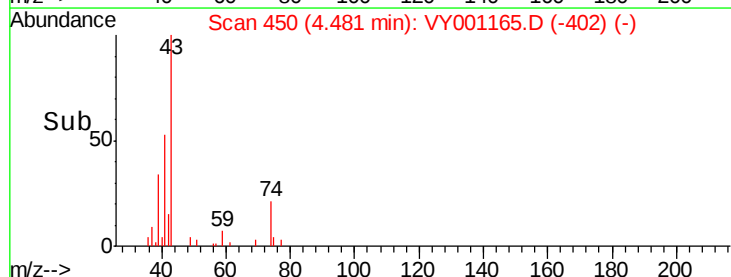
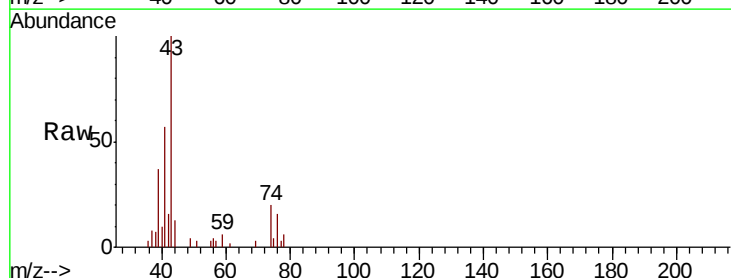
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#18
Methyl Acetate
Concen: 173.349 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	20.2	30.2





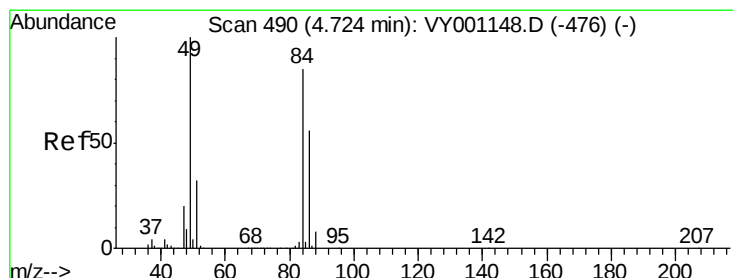
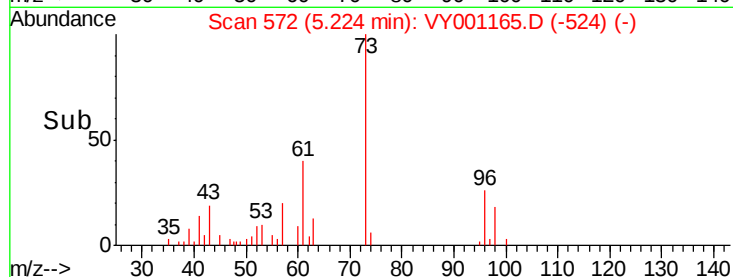
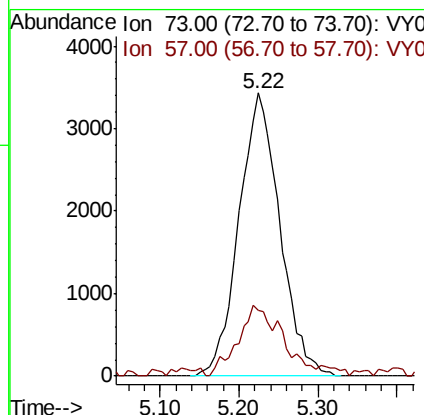
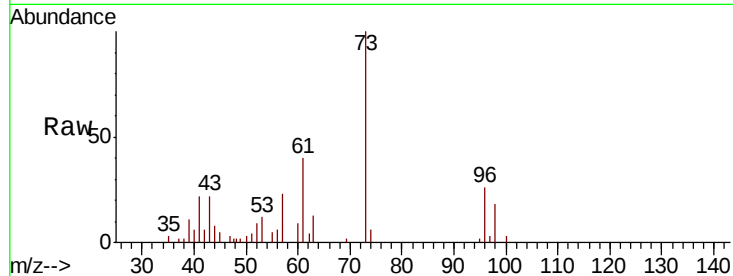
#19
Methyl tert-butyl Ether
Concen: 87.205 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

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

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.8	26.6

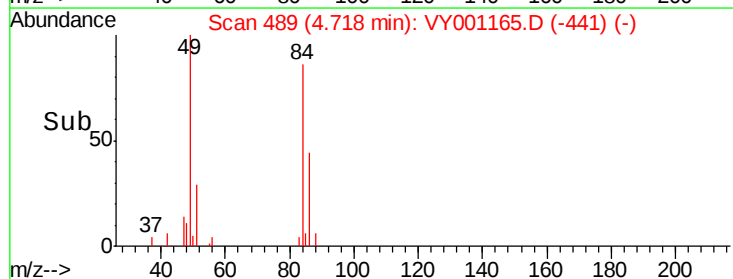
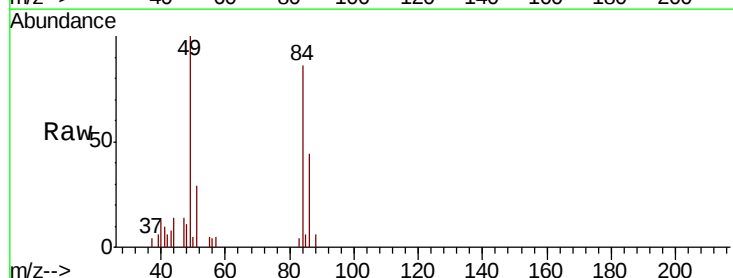
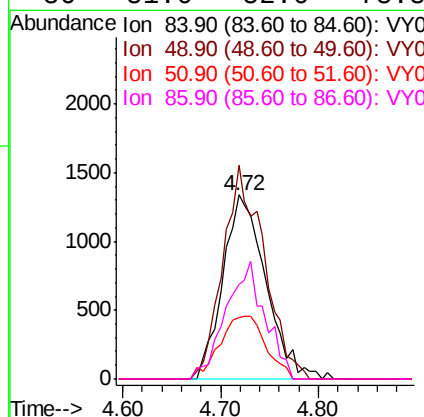
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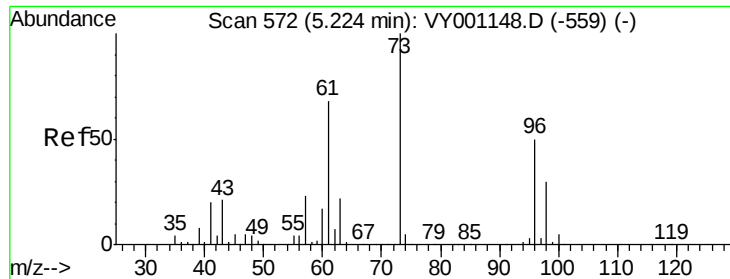
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#20
Methylene Chloride
Concen: 74.007 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.2	93.8	140.6
51	33.7	29.9	44.9
86	51.6	52.6	78.8#





#21

trans-1,2-Dichloroethene

Concen: 54.997 ug/l

RT: 5.24 min Scan# 574

Delta R.T. 0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

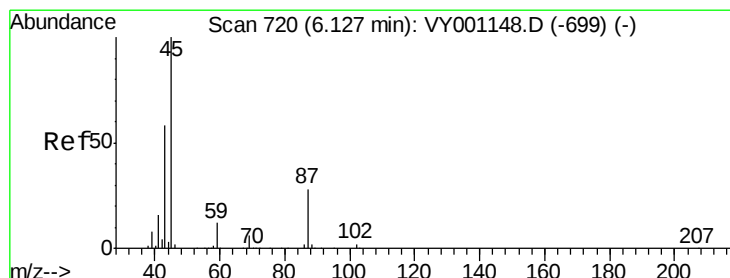
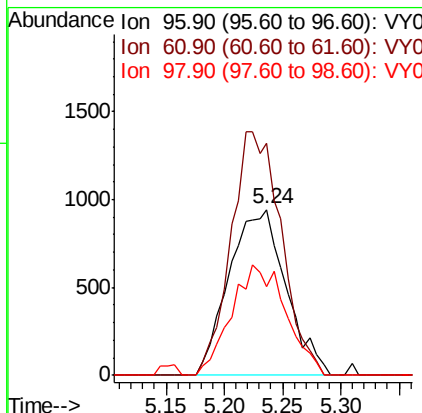
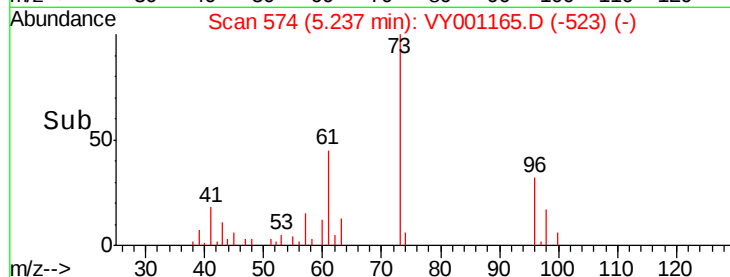
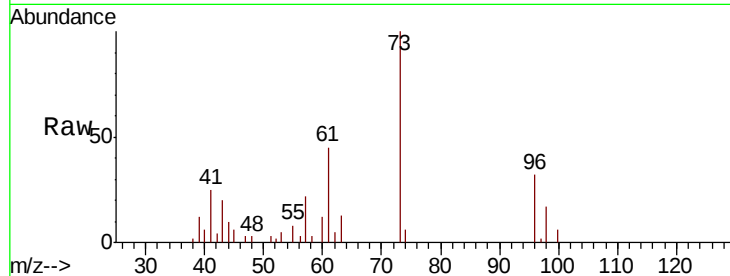
ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion:	96	Resp:	3192
Ion	Ratio	Lower	Upper
96	100		
61	140.4	107.6	161.4
98	53.8	47.6	71.4

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#22

Diisopropyl ether

Concen: 64.064 ug/l

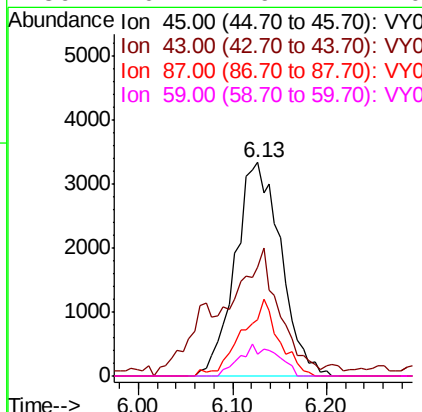
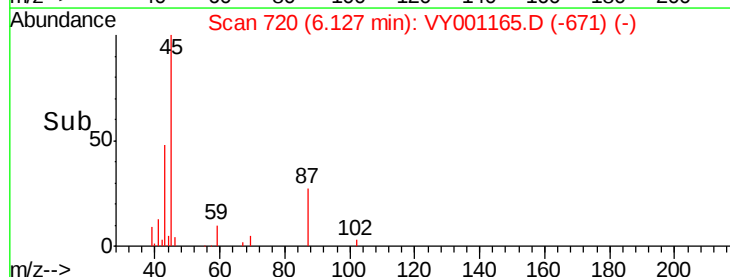
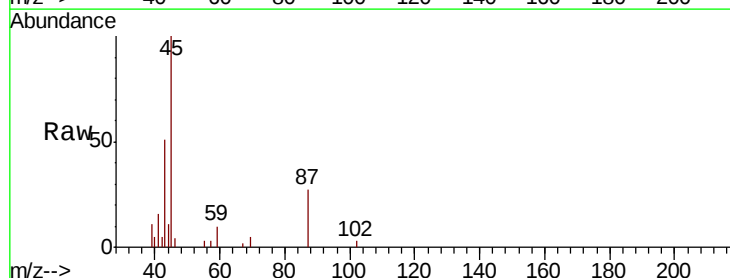
RT: 6.13 min Scan# 720

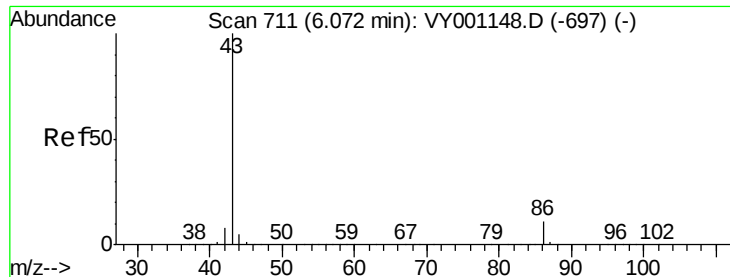
Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Tgt Ion:	45	Resp:	11304
Ion	Ratio	Lower	Upper
45	100		
43	46.0	46.5	69.7#
87	26.5	22.5	33.7
59	10.1	9.4	14.0





#23

Vinyl Acetate

Concen: 28.774 ug/l m

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 43 Resp: 3247

Ion Ratio Lower Upper

43 100

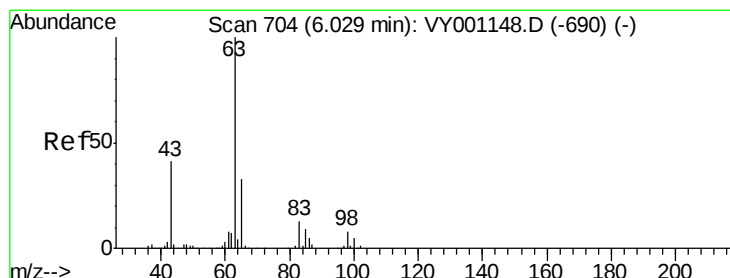
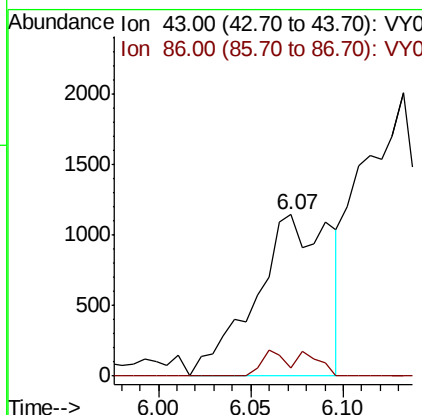
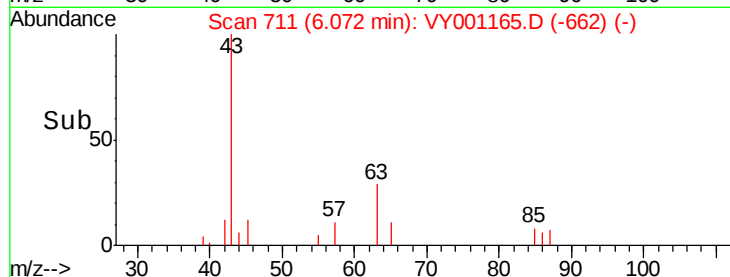
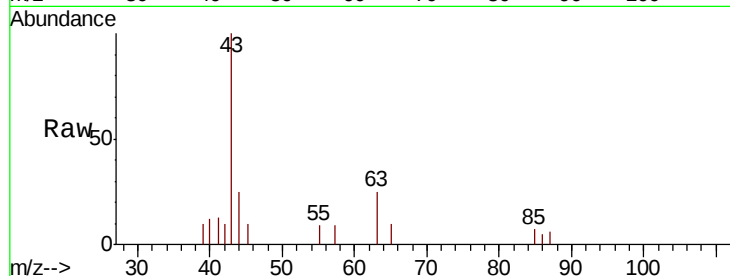
86 5.0 9.0 13.4#

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#24

1,1-Dichloroethane

Concen: 56.626 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

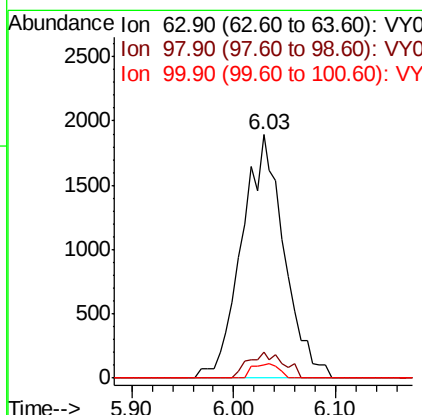
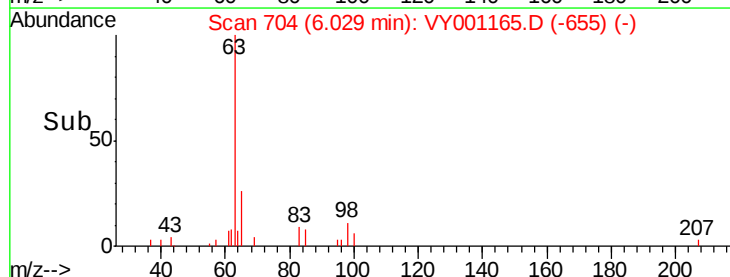
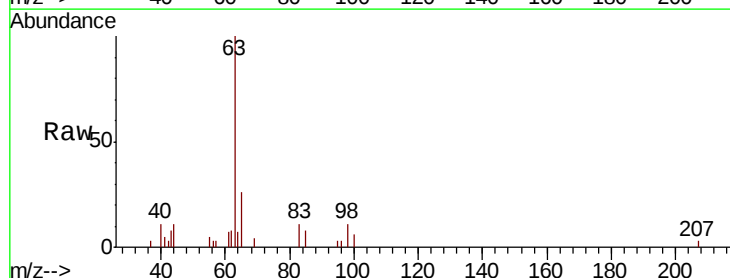
Tgt Ion: 63 Resp: 5470

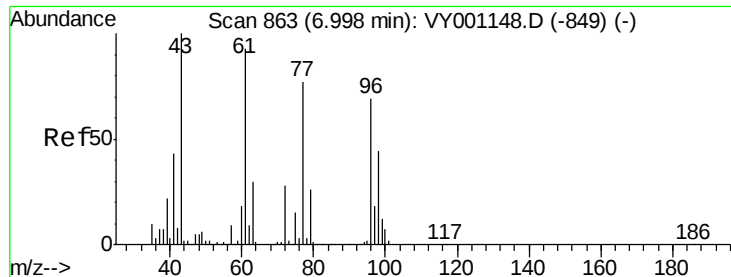
Ion Ratio Lower Upper

63 100

98 10.6 3.9 11.7

100 5.5 2.4 7.2





#25

2-Butanone

Concen: 603.627 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 43 Resp: 11538

Ion Ratio Lower Upper

43 100

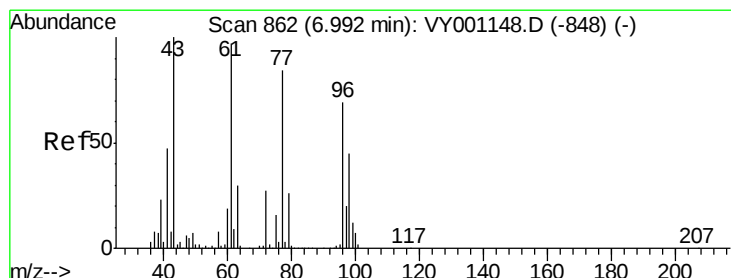
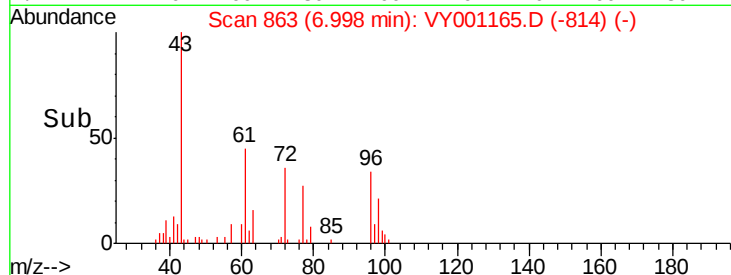
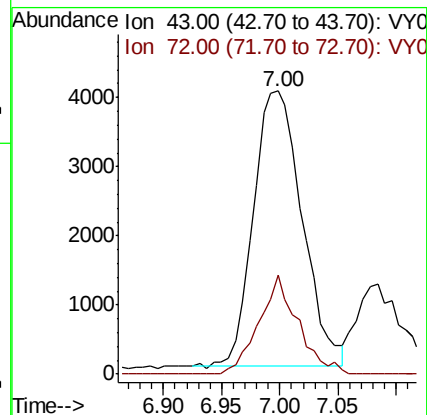
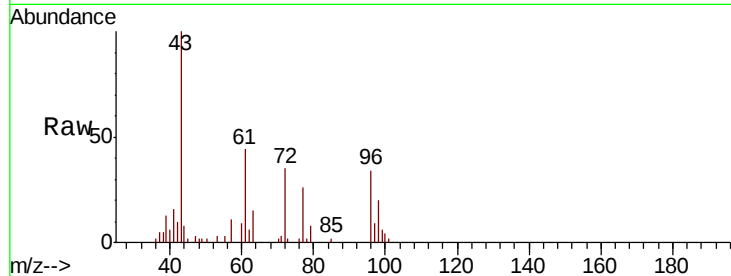
72 35.9 22.2 33.2#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.621 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY001165.D

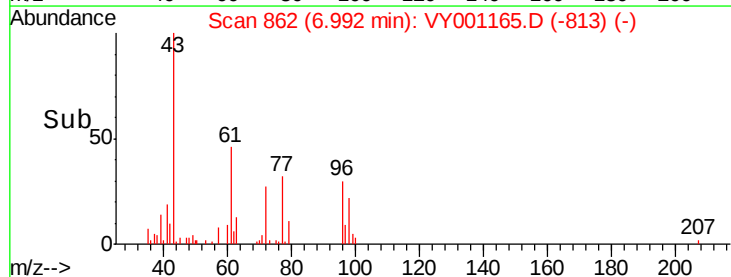
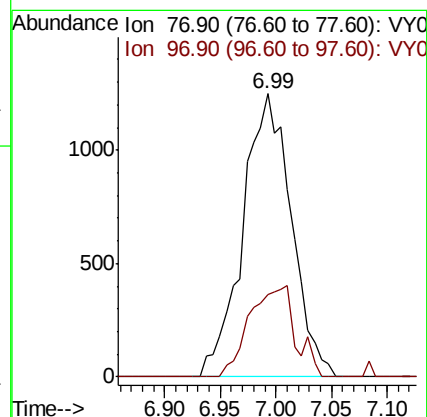
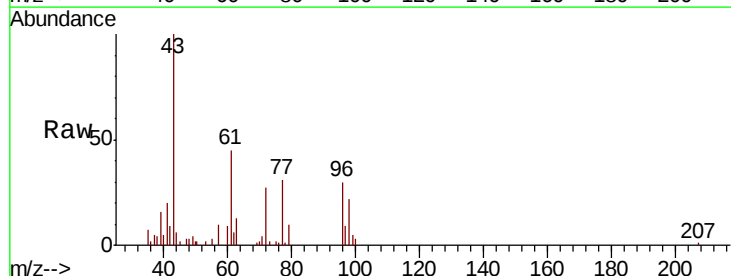
Acq: 10 Jan 2020 22:07

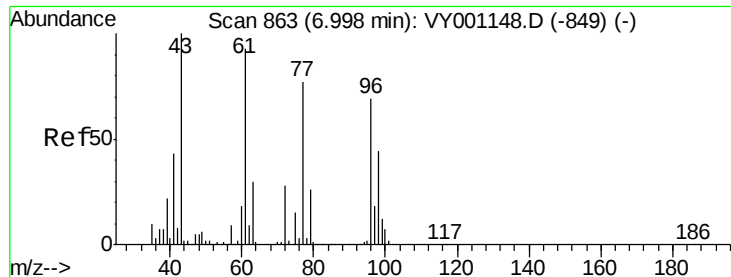
Tgt Ion: 77 Resp: 3786

Ion Ratio Lower Upper

77 100

97 30.3 11.9 35.7





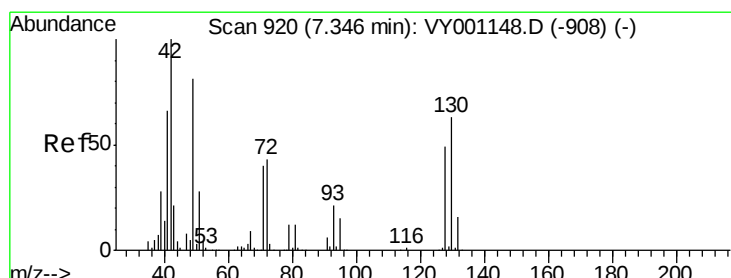
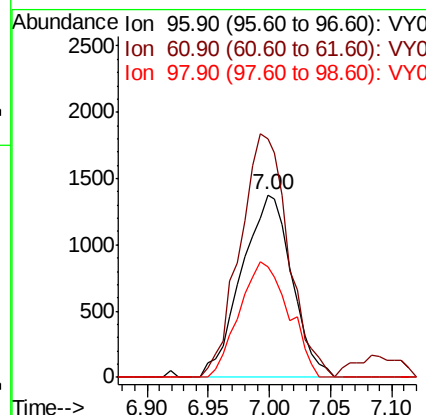
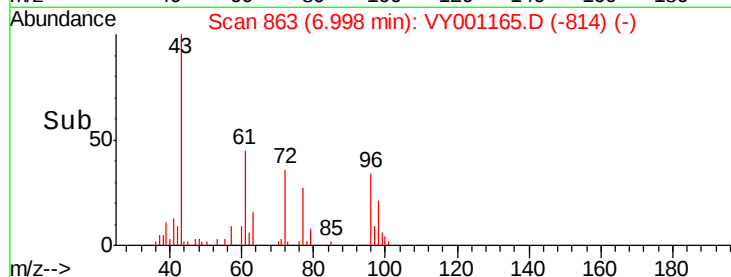
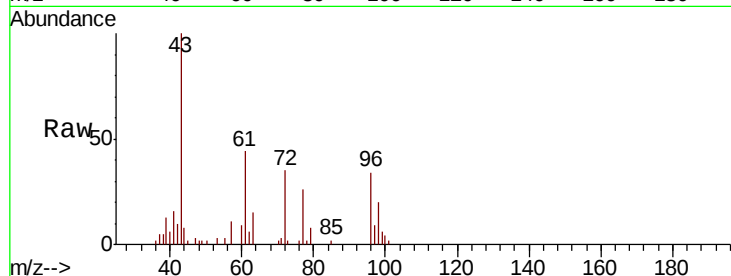
#27
 cis-1,2-Dichloroethene
 Concen: 61.859 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

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

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.1	0.0	284.0
98	62.2	0.0	130.2

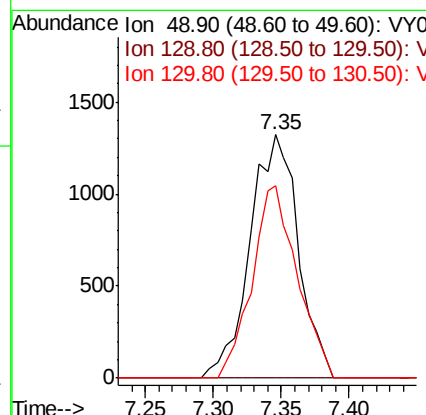
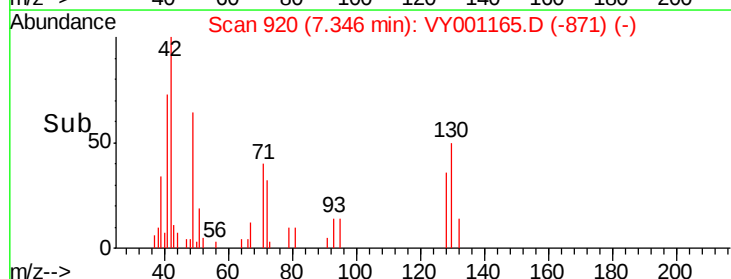
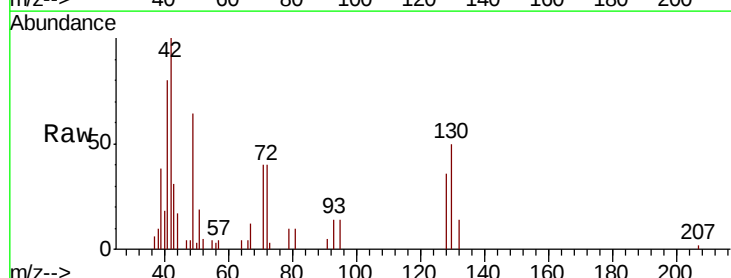
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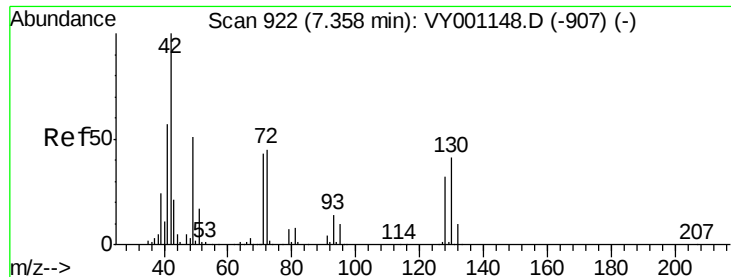
MMDadoda
 1/13/2020 12:39:30 PM



#28
 Bromochloromethane
 Concen: 82.688 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	73.7	61.2	91.8





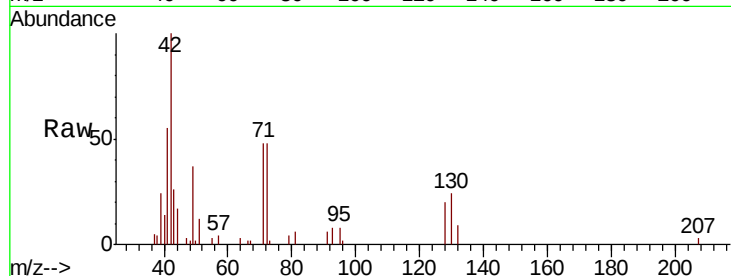
#29
Tetrahydrofuran
Concen: 574.158 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	36.9	55.3
71	42.6	34.0	51.0

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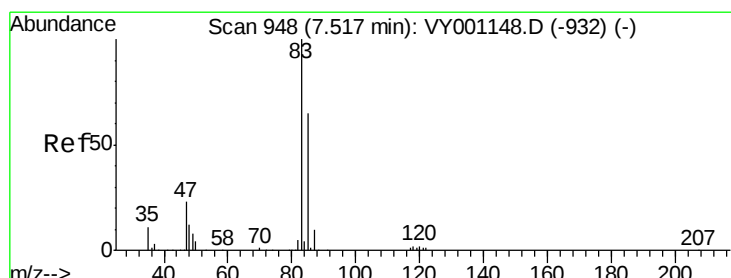
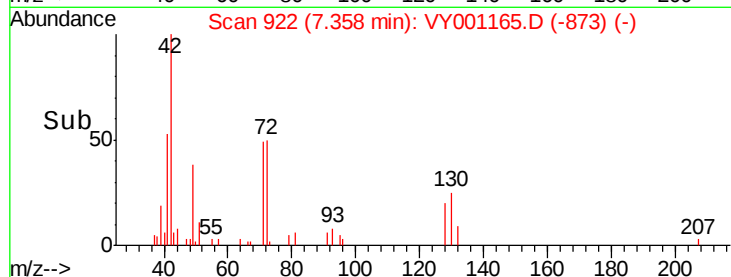
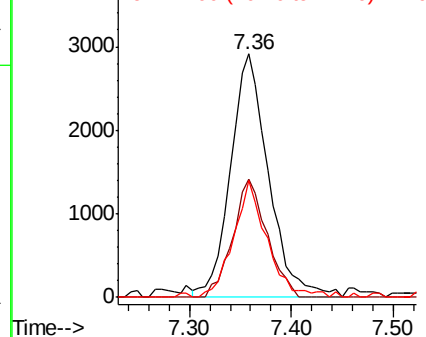


Abundance

Ion 42.00 (41.70 to 42.70): VY0

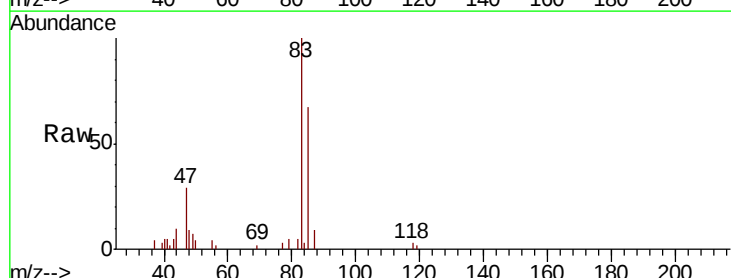
Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30
Chloroform
Concen: 63.011 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

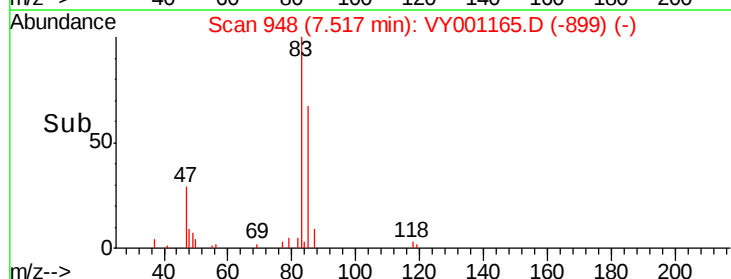
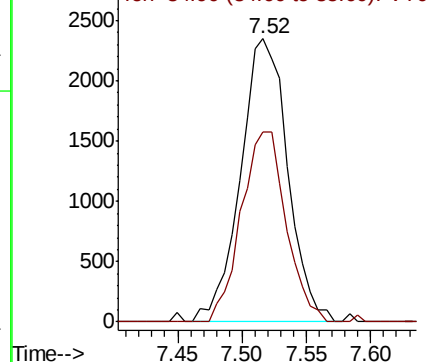
Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.9	77.9

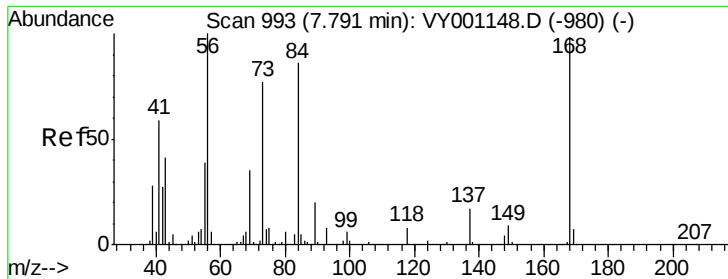


Abundance

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





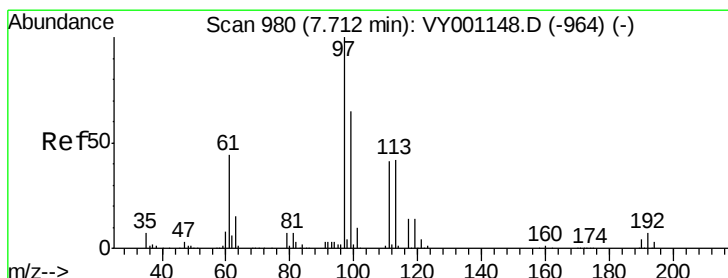
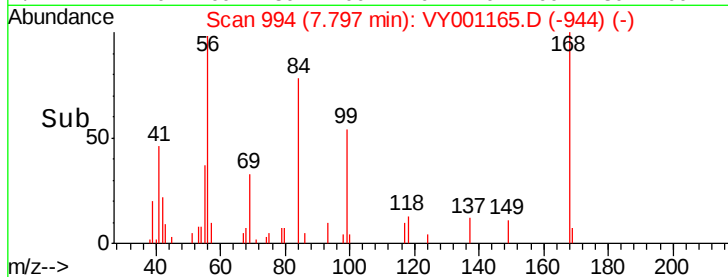
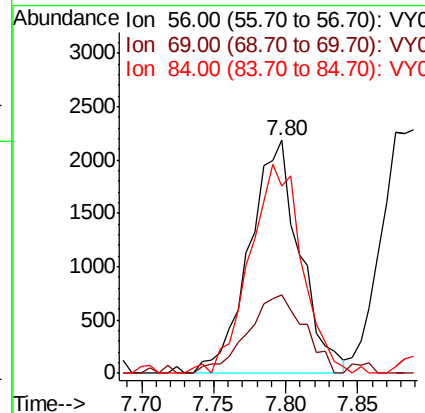
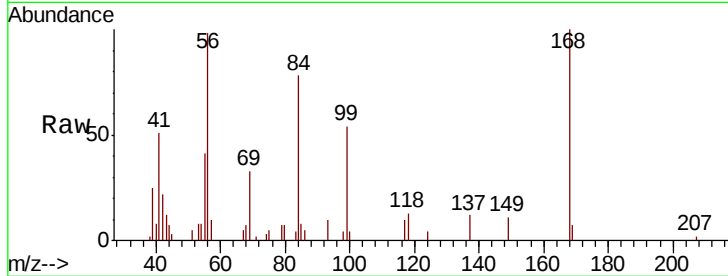
#31
Cvclohexane
Concen: 51.976 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

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

Tot Ion: 56 Resp: 5316
Ion Ratio Lower Upper
56 100
69 33.8 27.8 41.8
84 77.7 68.9 103.3

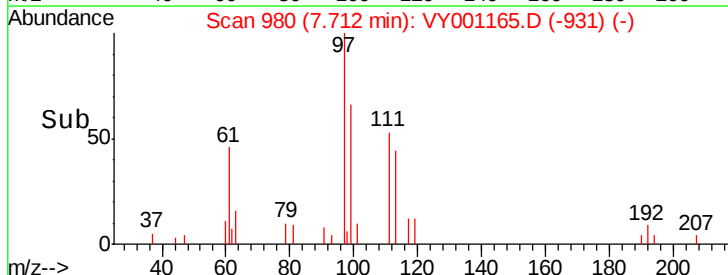
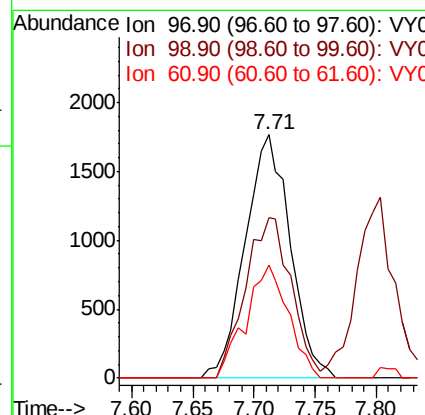
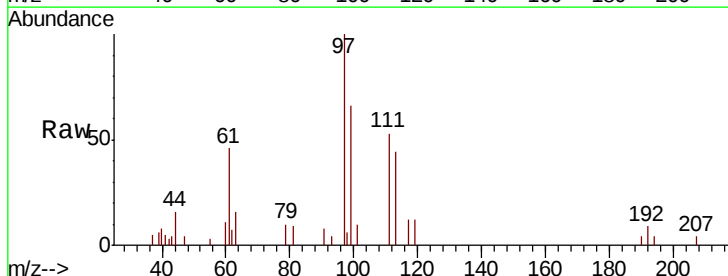
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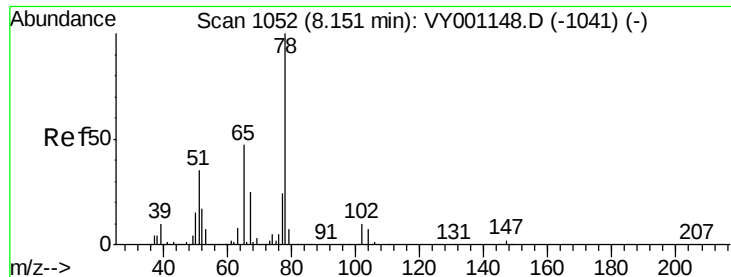
MMDadoda
1/13/2020 12:39:30 PM



#32
1,1,1-Trichloroethane
Concen: 53.810 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion: 97 Resp: 4519
Ion Ratio Lower Upper
97 100
99 67.2 51.3 76.9
61 43.8 34.6 52.0





#33

1,2-Dichloroethane-d4

Concen: 79.024 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 65 Resp: 4179

Ion Ratio Lower Upper

65 100

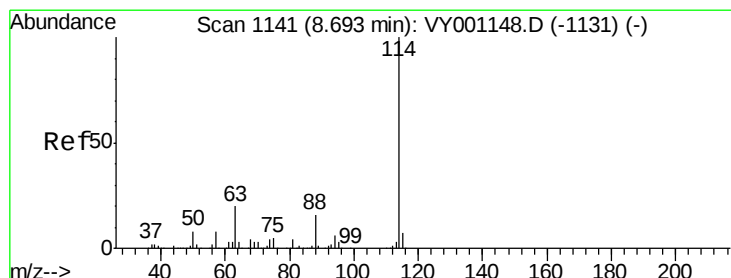
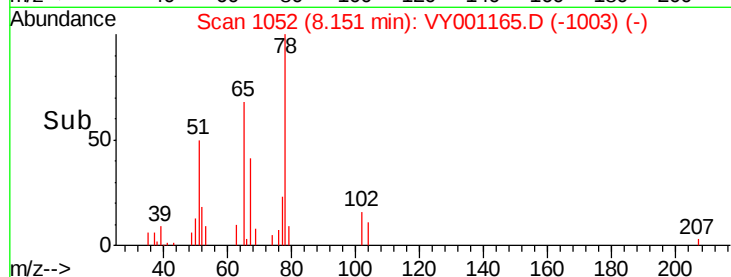
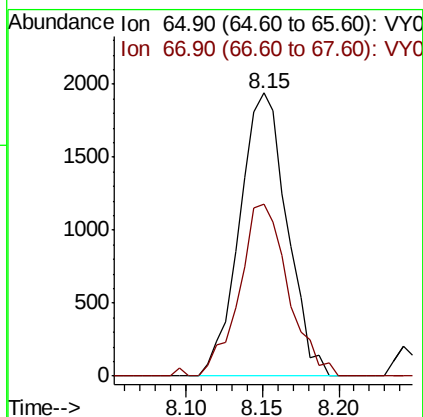
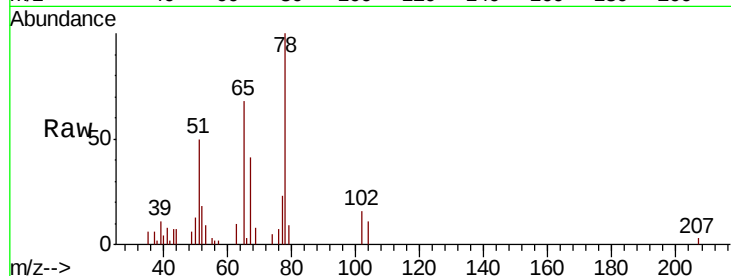
67 62.5 0.0 105.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

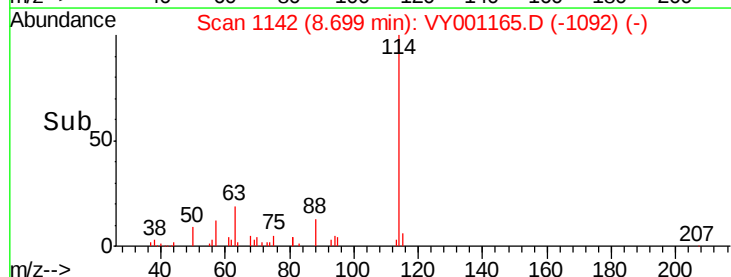
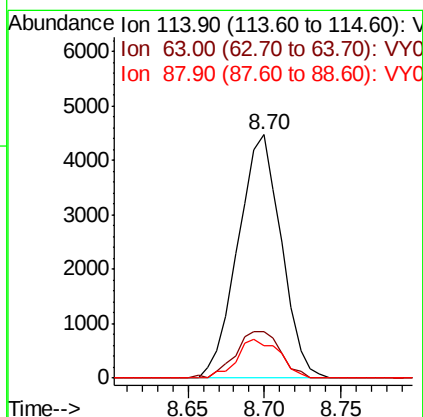
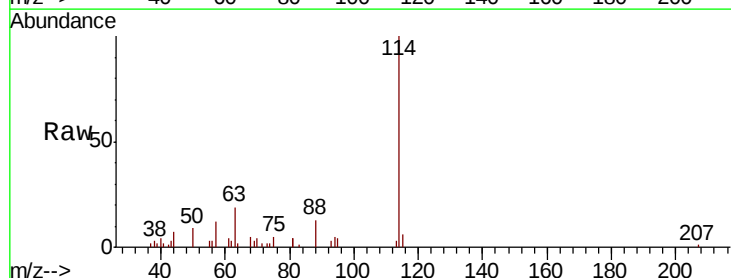
Tgt Ion: 114 Resp: 8786

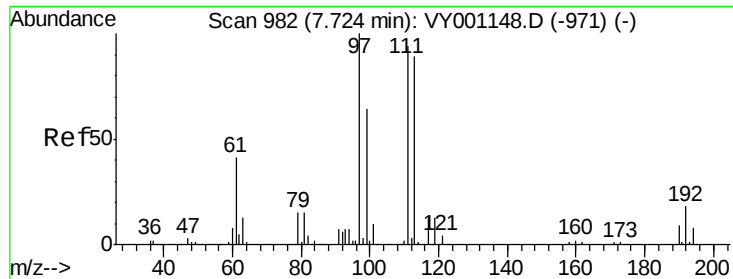
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.8

88 13.4 0.0 32.4





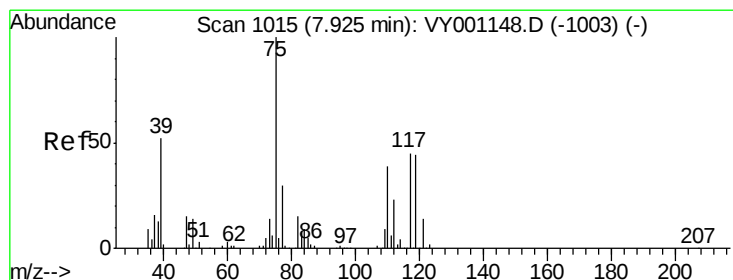
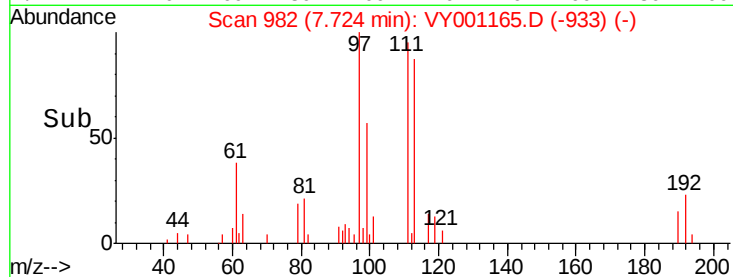
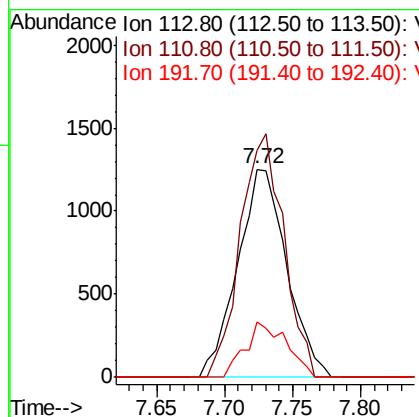
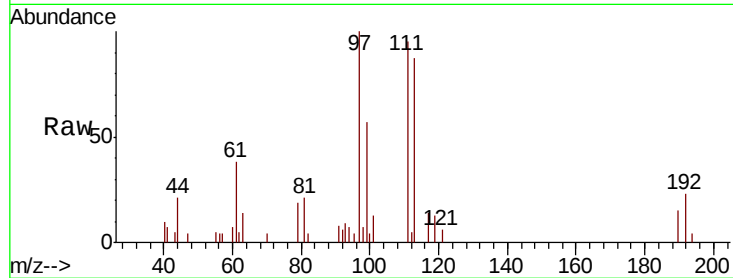
#35
 Dibromofluoromethane
 Concen: 61.273 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	22.1	15.4	23.2

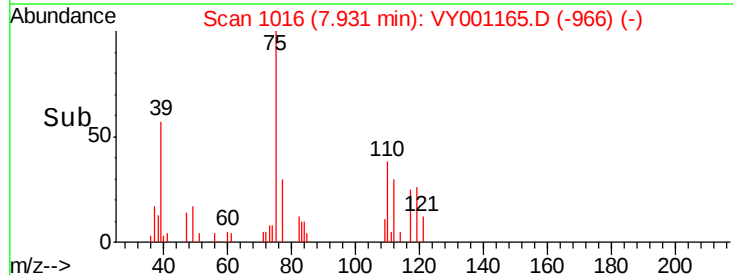
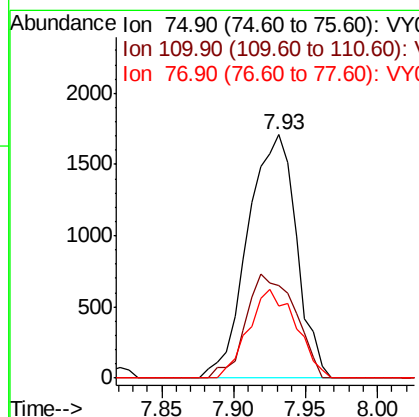
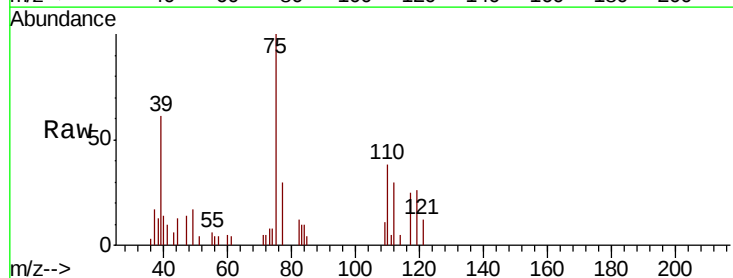
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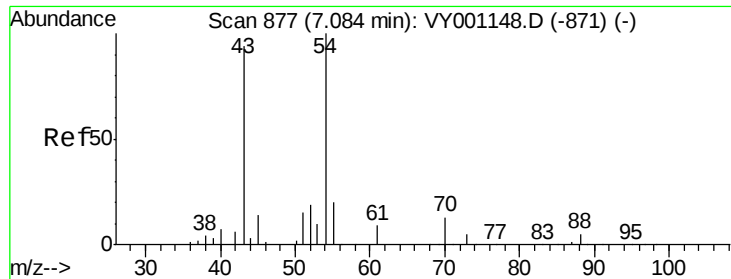
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#36
 1,1-Dichloropropene
 Concen: 50.101 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	43.2	18.3	54.8
77	35.6	25.1	37.7





#37

Ethyl Acetate

Concen: 64.686 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

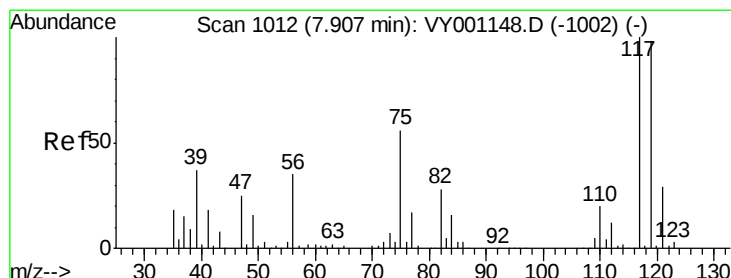
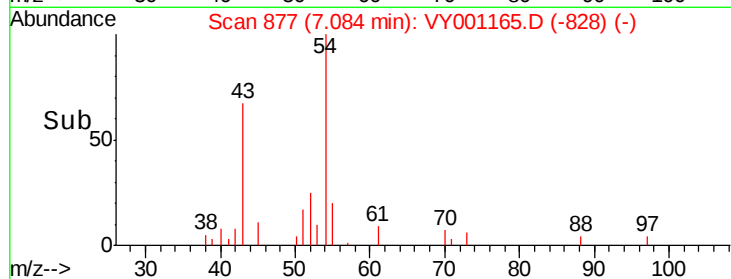
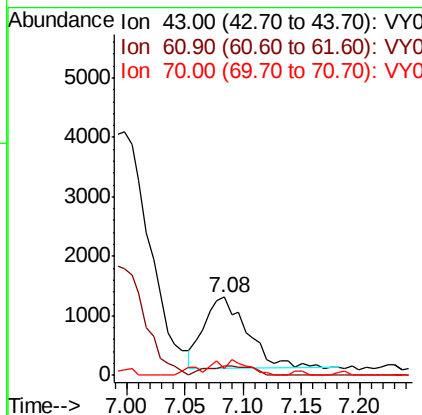
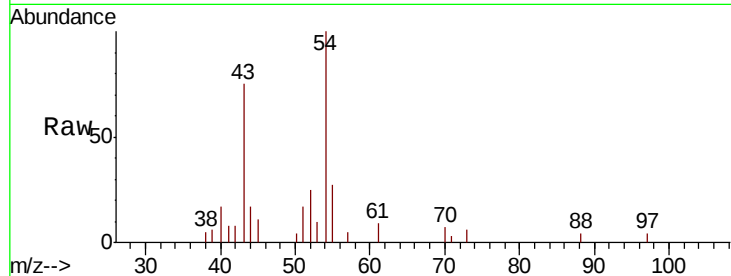
ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion:	43	Resp:	3040
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.1	16.7
70	10.5	9.7	14.5

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#38

Carbon Tetrachloride

Concen: 48.427 ug/l

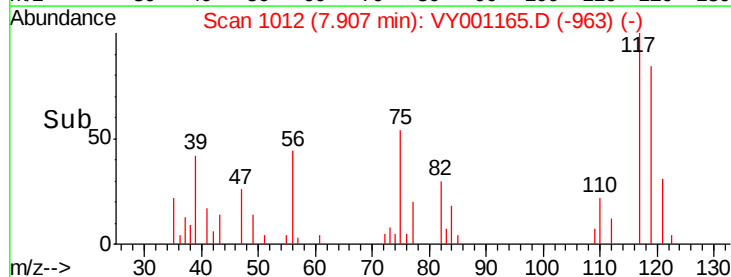
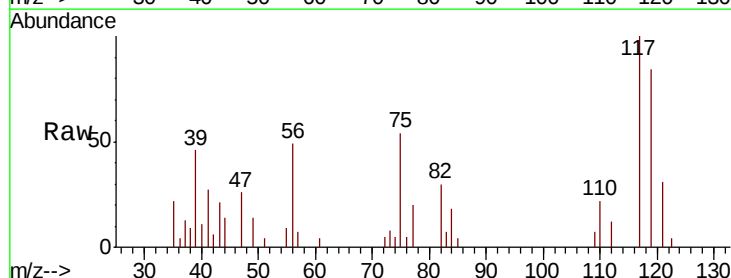
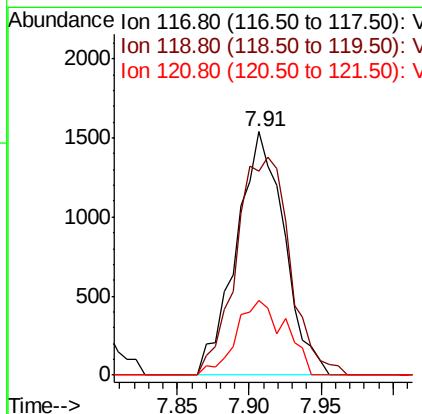
RT: 7.91 min Scan# 1012

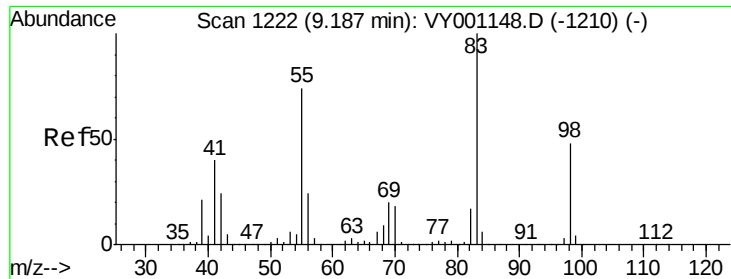
Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Tgt Ion:	117	Resp:	3554
Ion	Ratio	Lower	Upper
117	100		
119	83.9	78.3	117.5
121	30.6	23.5	35.3





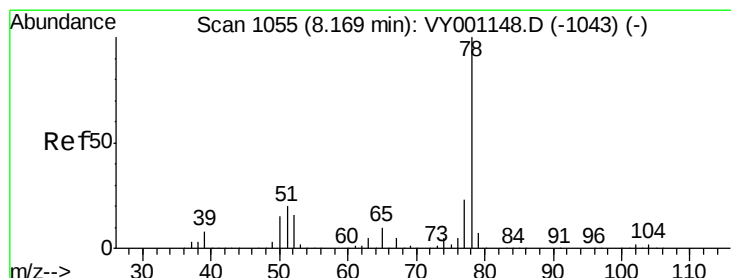
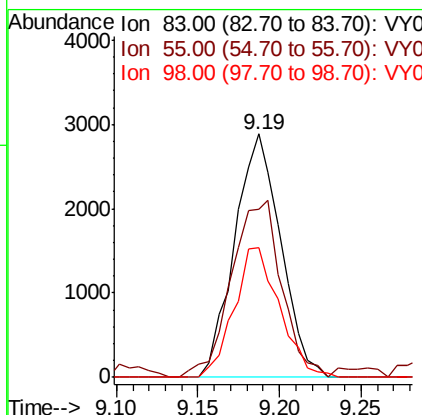
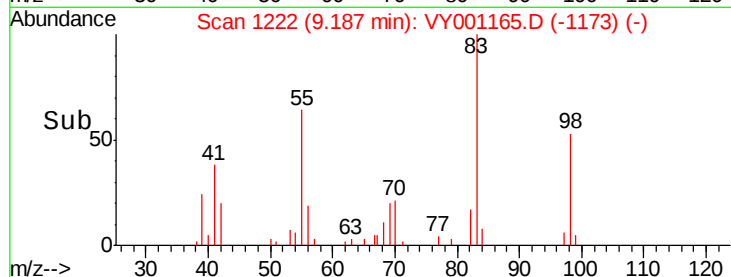
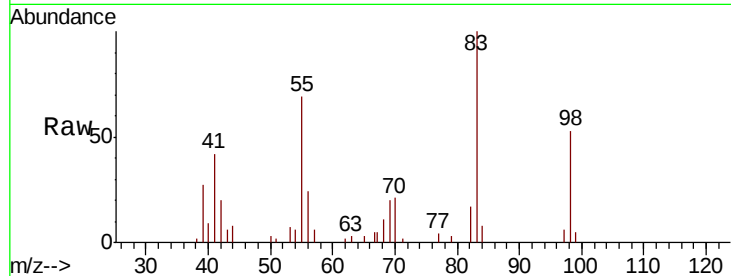
#39
Methvlcvclohexane
Concen: 52.393 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.3	58.9	88.3
98	53.3	38.4	57.6

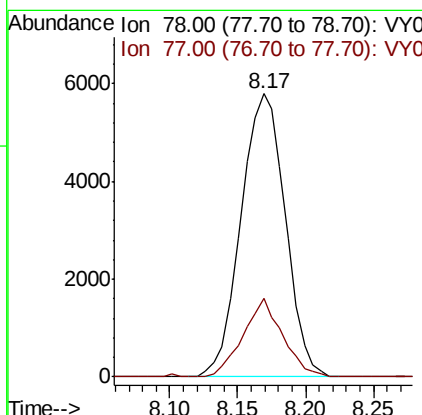
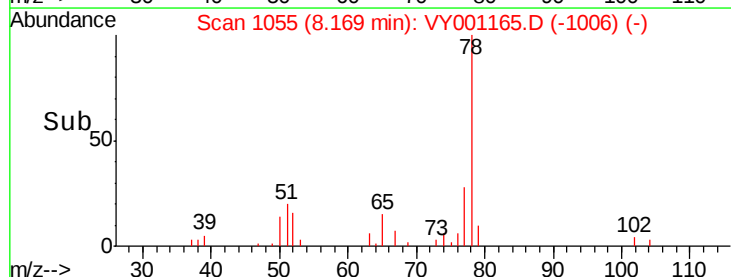
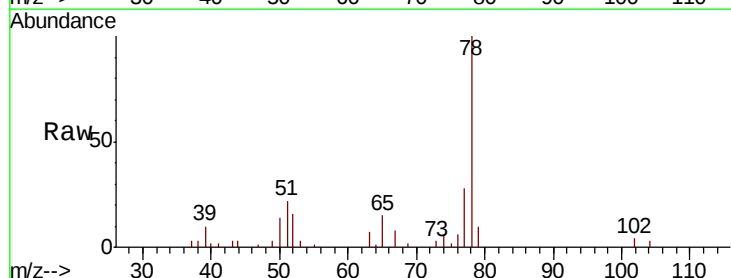
Manual Integrations
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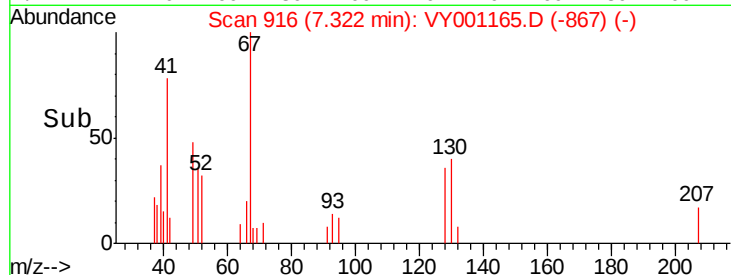
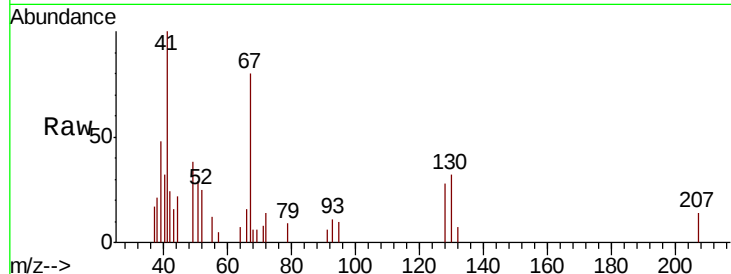
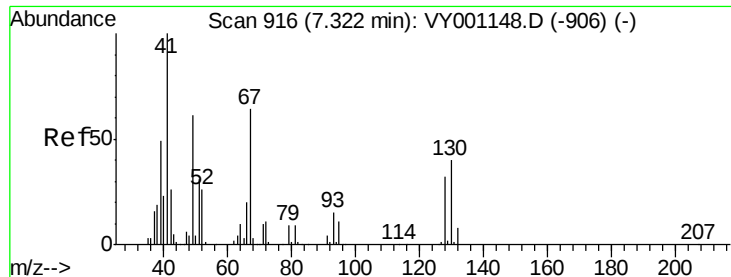
MMDadoda
1/13/2020 12:39:30 PM



#40
Benzene
Concen: 56.490 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	27.8	18.8	28.2





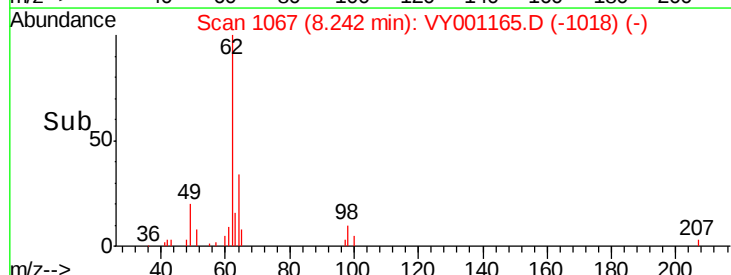
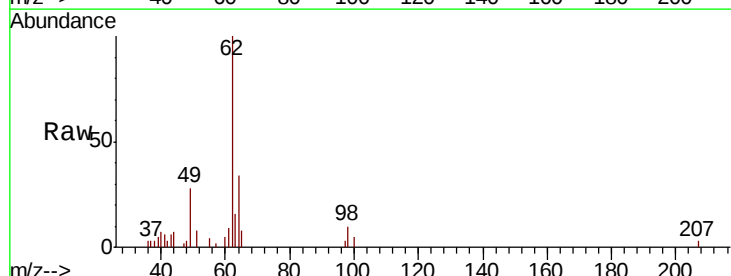
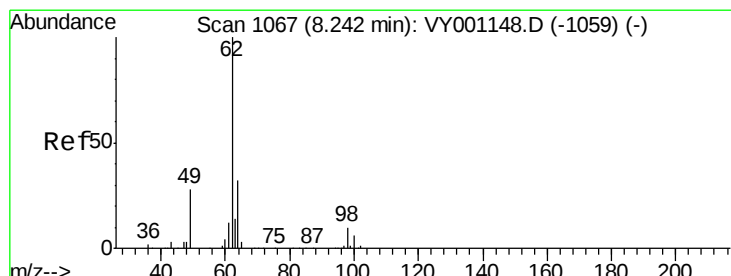
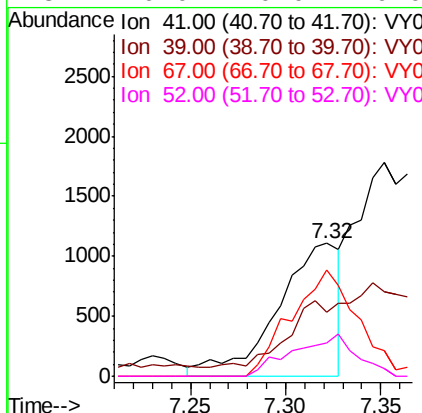
#41
Methacrylonitrile
Concen: 115.601 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tot Ion	41	Resp:	2552
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

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

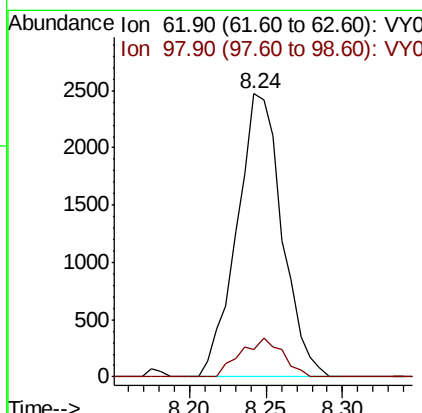
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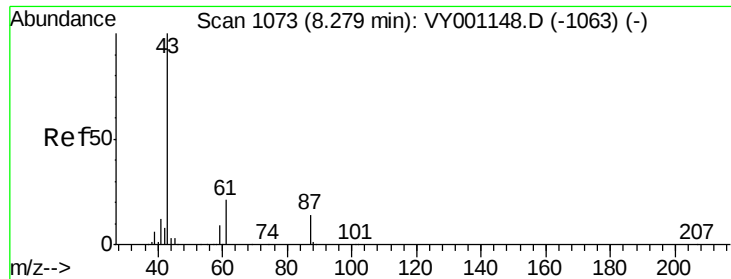
MMDadoda
1/13/2020 12:39:30 PM



#42
1,2-Dichloroethane
Concen: 77.398 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion	62	Resp:	5066
Ion Ratio	Lower	Upper	
62	100		
98	12.9	0.0	20.4





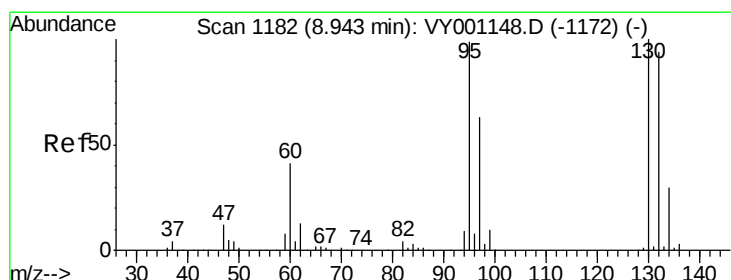
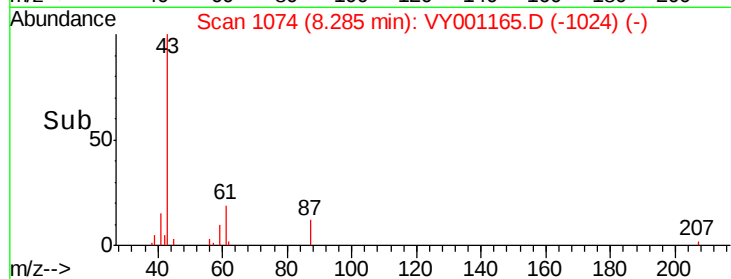
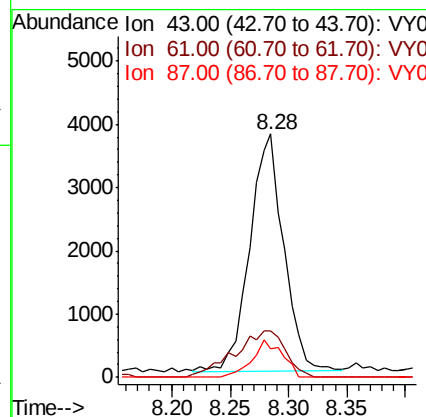
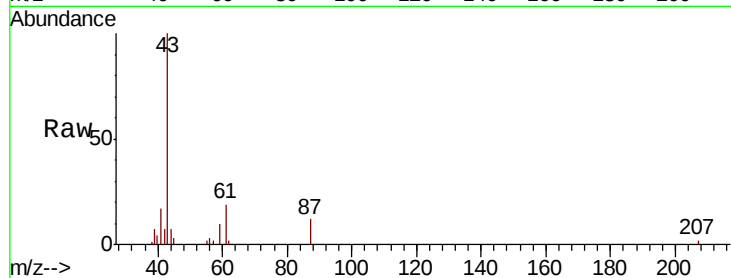
#43
Isopropyl Acetate
Concen: 84.826 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.01 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.9	35.9
87	13.8	11.4	17.2

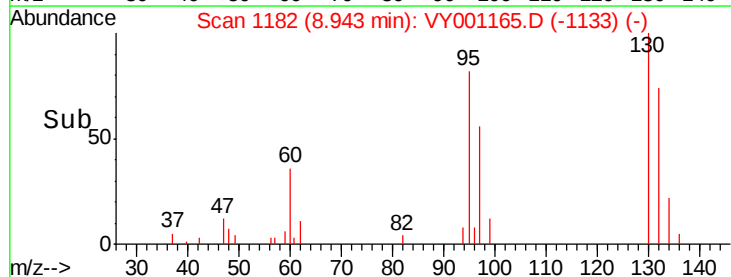
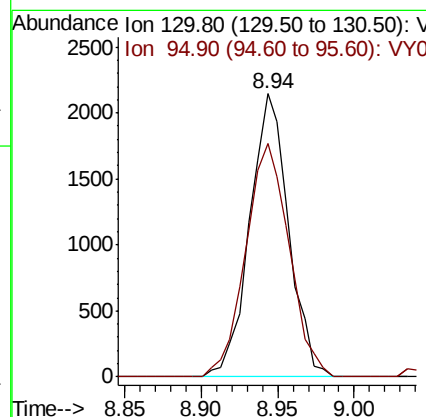
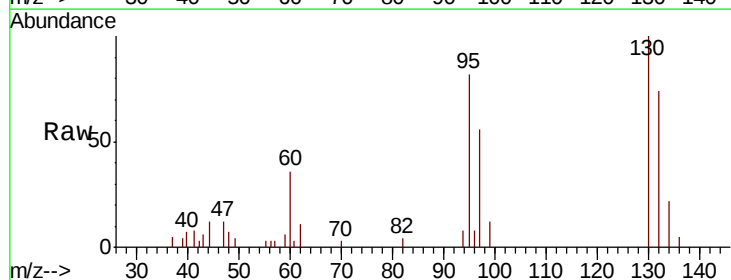
Manual Integrations
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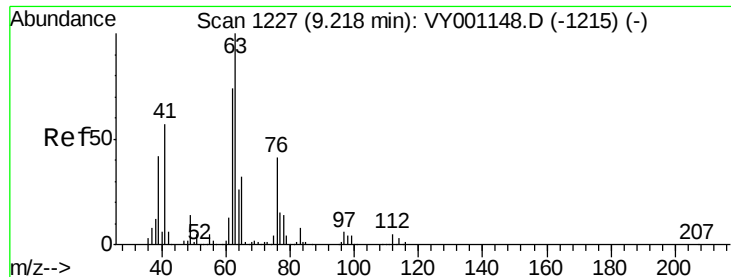
MMDadoda
1/13/2020 12:39:30 PM



#44
Trichloroethene
Concen: 62.157 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	82.4	0.0	197.6





#45

1,2-Dichloropropane

Concen: 65.168 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 63 Resp: 3766

Ion Ratio Lower Upper

63 100

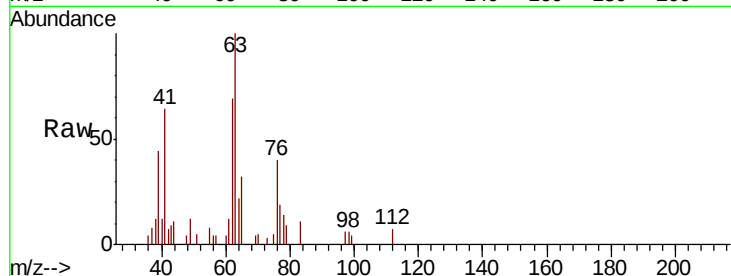
65 31.9 25.8 38.8

Manual Integrations

APPROVED

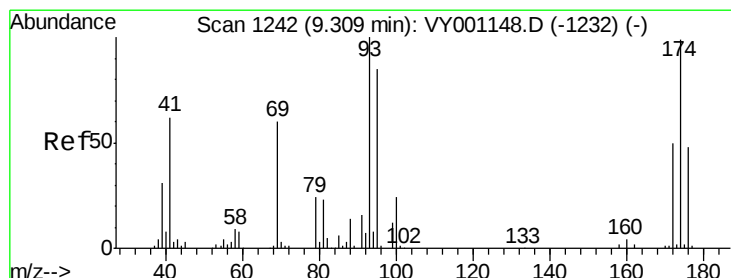
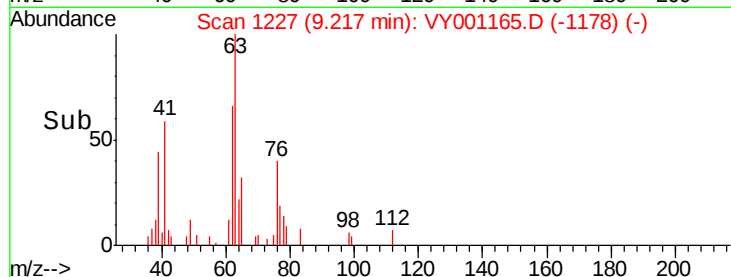
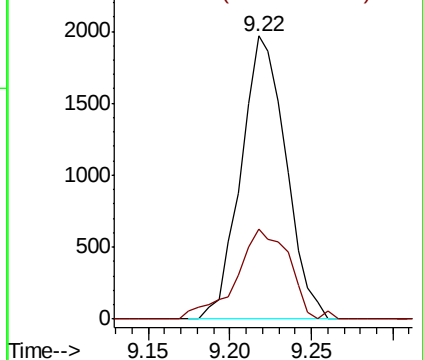
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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 79.446 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

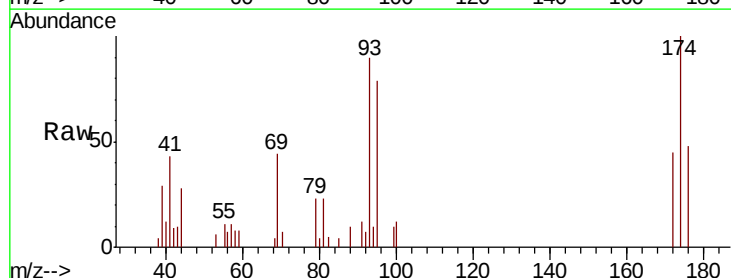
Tgt Ion: 93 Resp: 2505

Ion Ratio Lower Upper

93 100

95 91.0 66.8 100.2

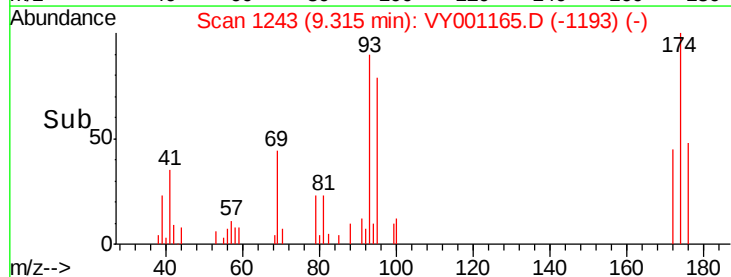
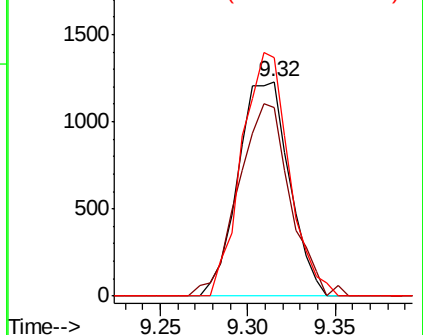
174 104.9 78.4 117.6

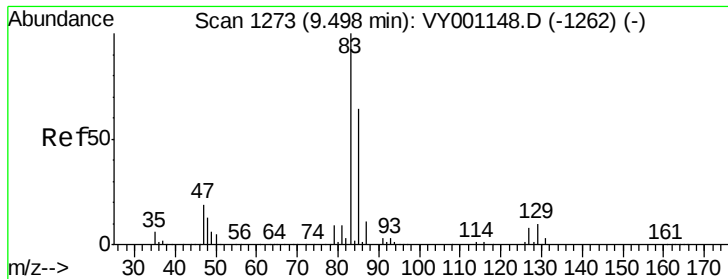


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 71.470 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

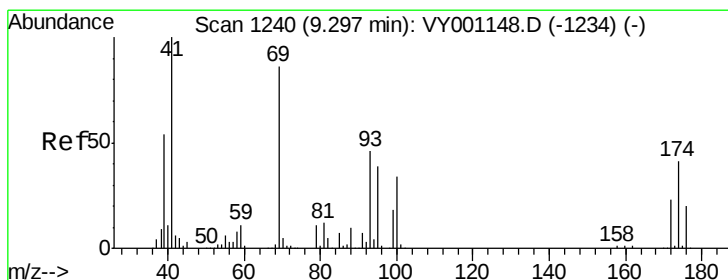
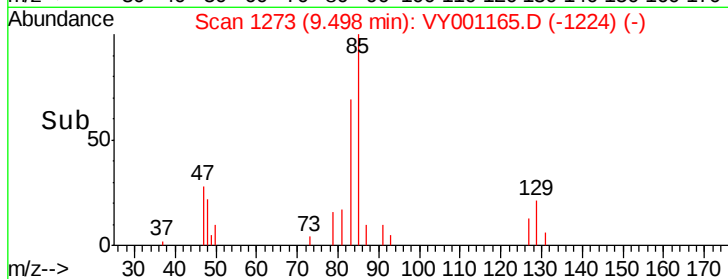
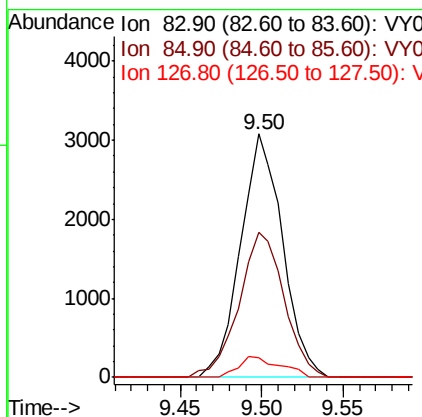
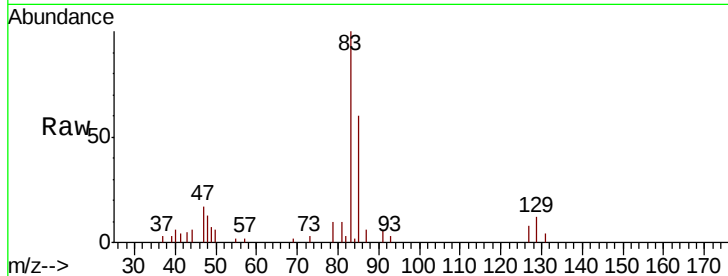
ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion:	83	Resp:	5492
Ion	Ratio	Lower	Upper
83	100		
85	59.6	51.5	77.3
127	7.9	6.3	9.5

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#48

Methyl methacrylate

Concen: 104.193 ug/l

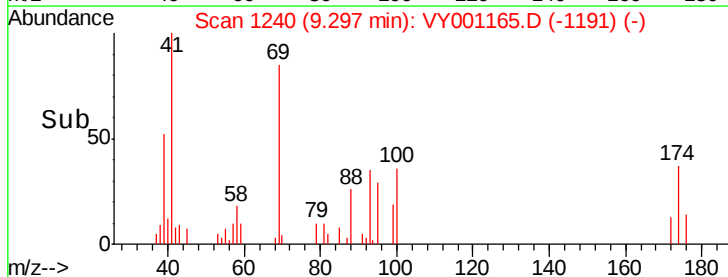
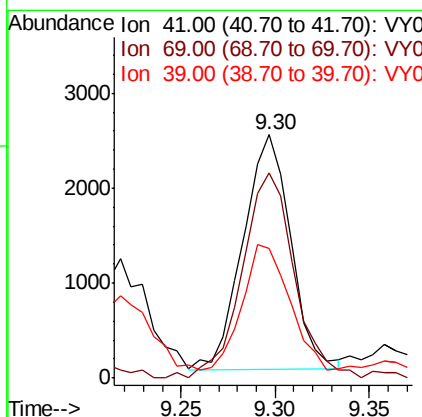
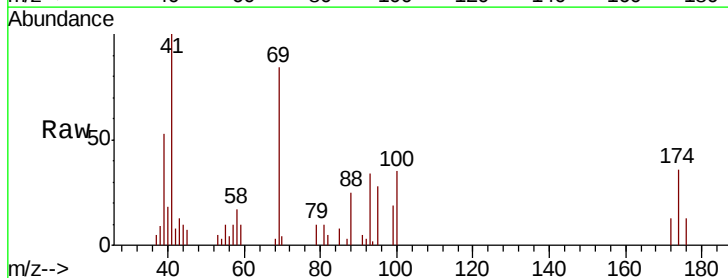
RT: 9.30 min Scan# 1240

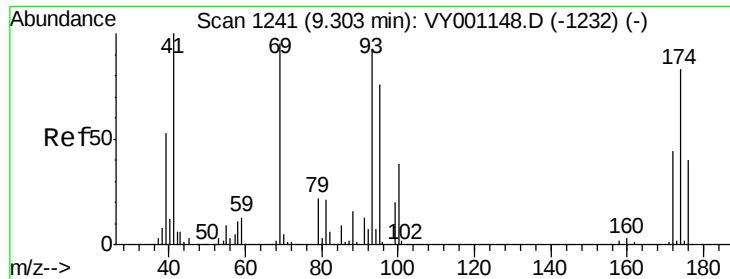
Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Tgt Ion:	41	Resp:	4333
Ion	Ratio	Lower	Upper
41	100		
69	95.4	69.8	104.8
39	58.0	45.2	67.8





#49

1,4-Dioxane

Concen: 2789.147 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

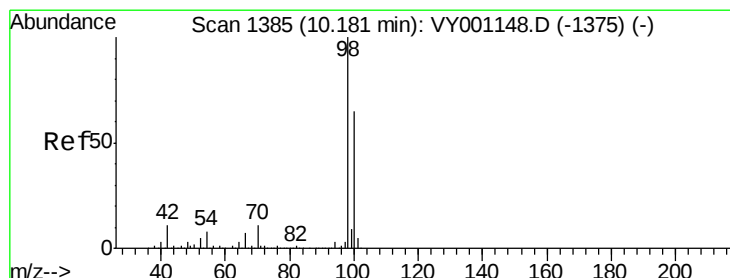
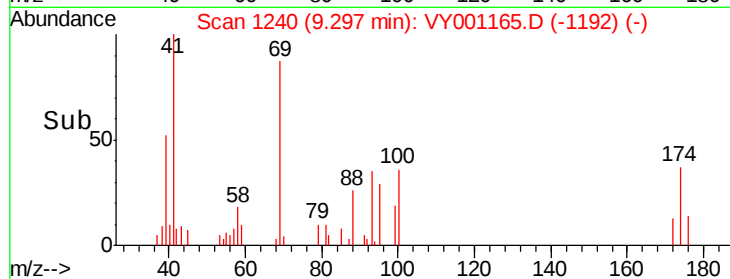
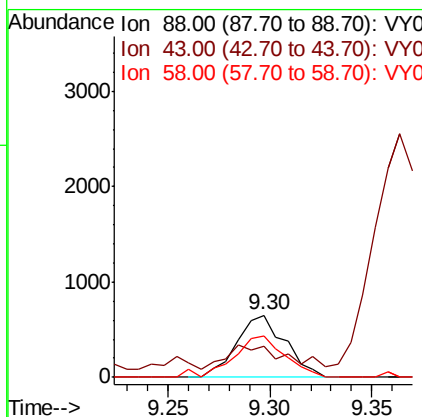
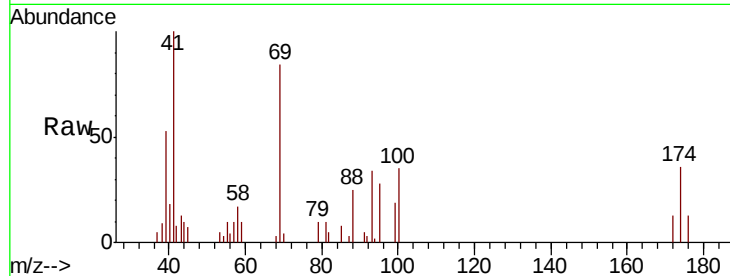
ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion:	88	Resp:	1071
Ion	Ratio	Lower	Upper
88	100		
43	45.5	22.4	33.6#
58	71.3	58.0	87.0

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#50

Toluene-d8

Concen: 56.631 ug/l

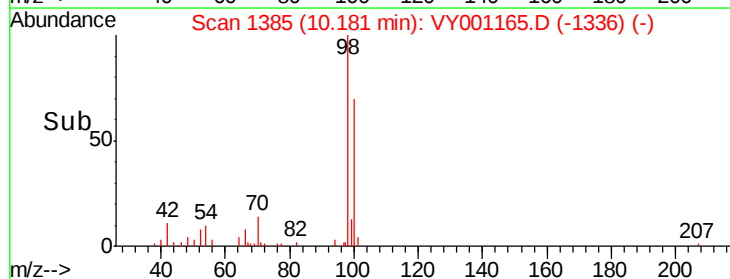
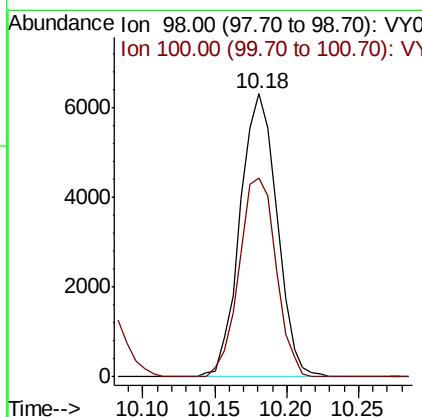
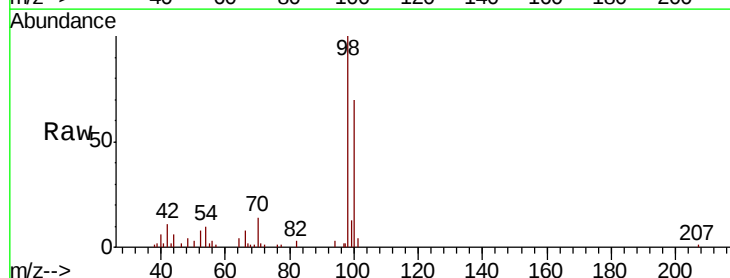
RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Tgt Ion:	98	Resp:	11225
Ion	Ratio	Lower	Upper
98	100		
100	70.1	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 489.965 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 43 Resp: 22342

Ion Ratio Lower Upper

43 100

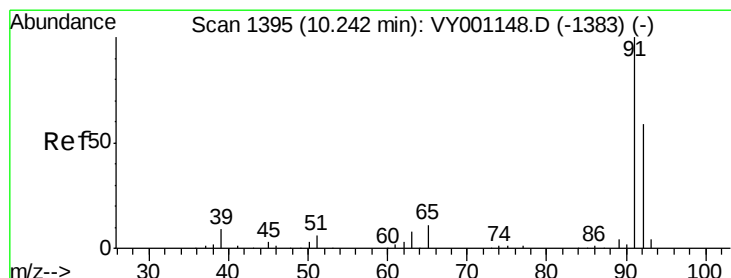
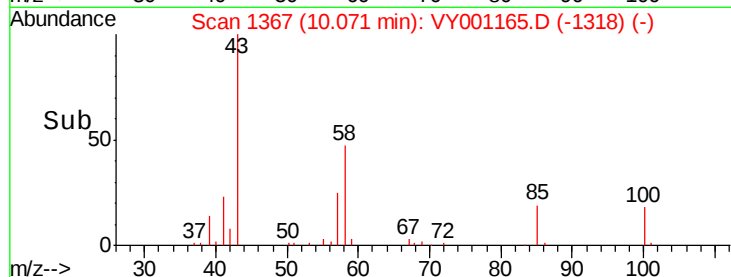
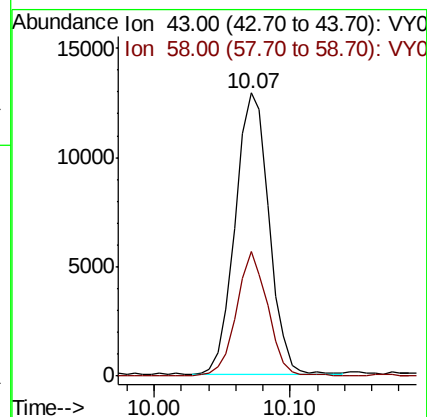
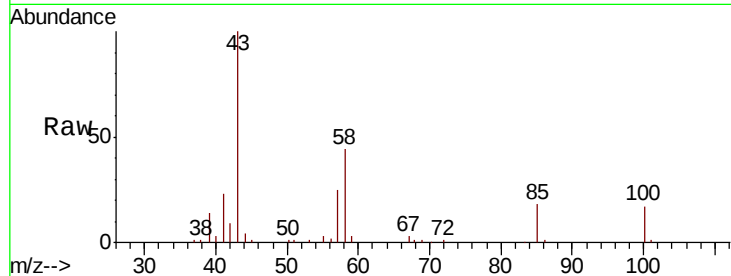
58 41.1 32.3 48.5

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#52

Toluene

Concen: 53.075 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY001165.D

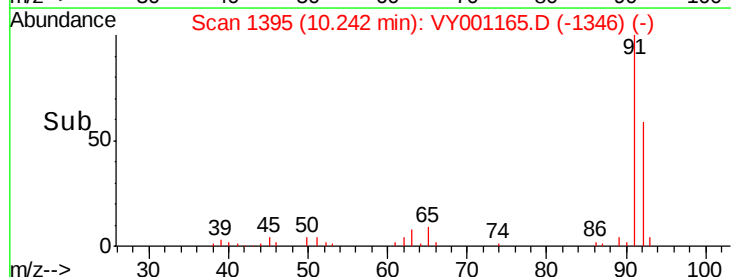
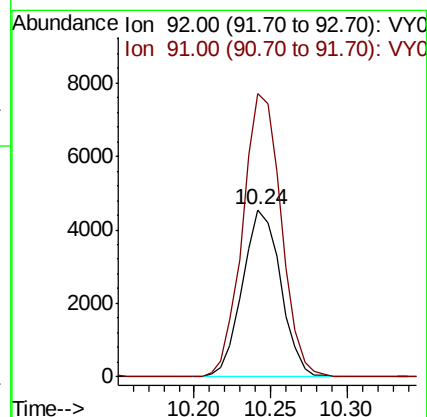
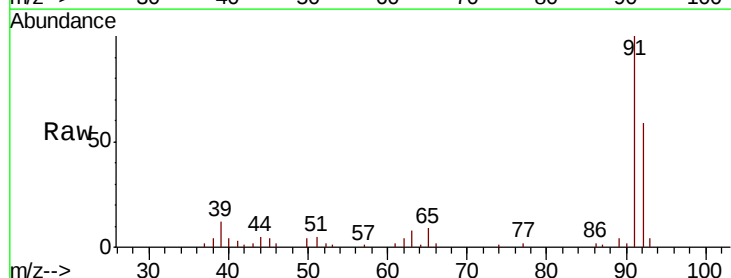
Acq: 10 Jan 2020 22:07

Tgt Ion: 92 Resp: 7913

Ion Ratio Lower Upper

92 100

91 170.5 136.6 204.8





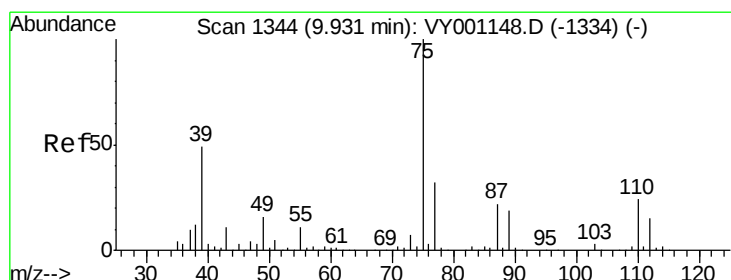
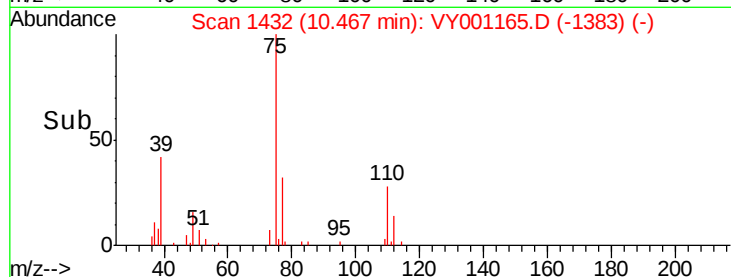
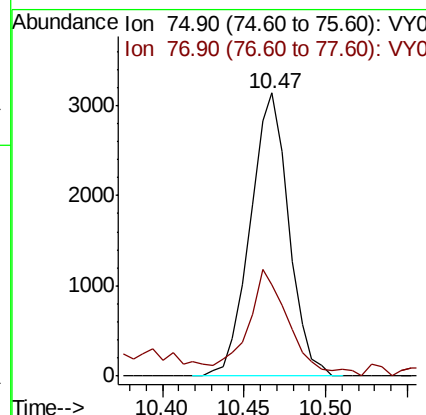
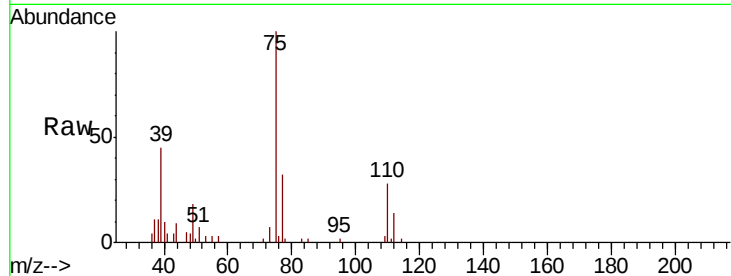
#53
 t-1,3-Dichloropropene
 Concen: 59.950 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

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

Tot Ion: 75 Resp: 5155
 Ion Ratio Lower Upper
 75 100
 77 29.8 26.2 39.2

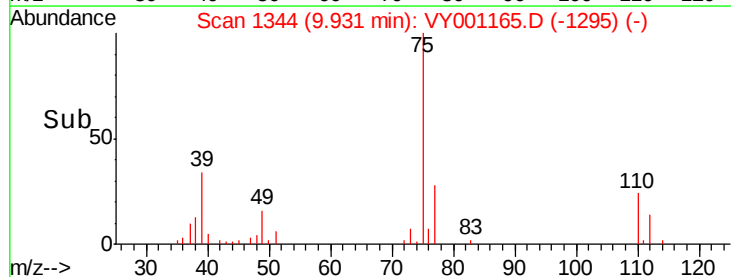
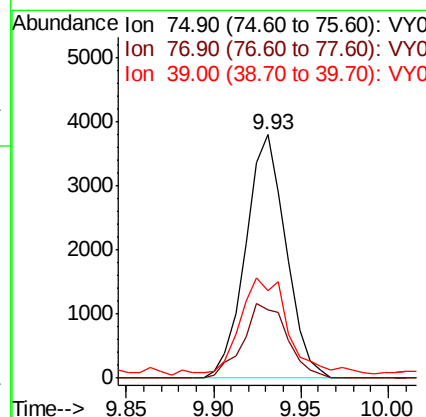
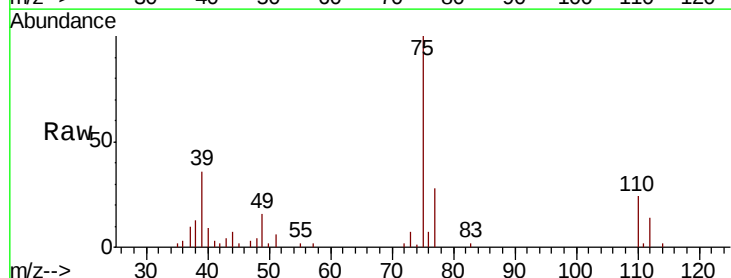
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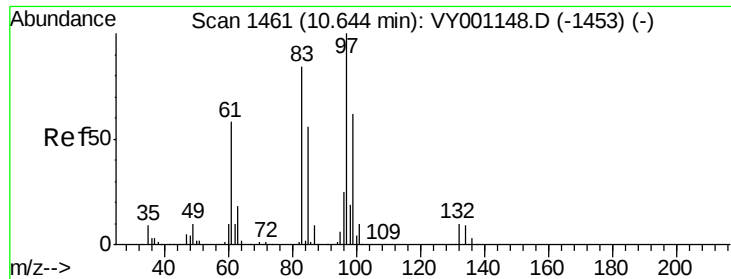
MMDadoda
 1/13/2020 12:39:30 PM



#54
 cis-1,3-Dichloropropene
 Concen: 62.776 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

Tgt Ion: 75 Resp: 6086
 Ion Ratio Lower Upper
 75 100
 77 27.9 25.3 37.9
 39 34.0 39.1 58.7#





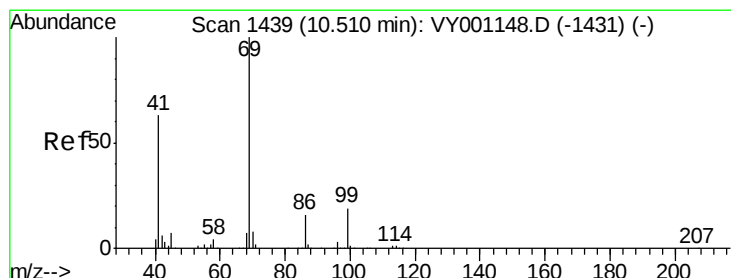
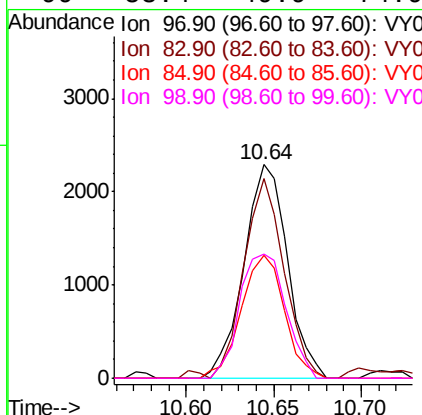
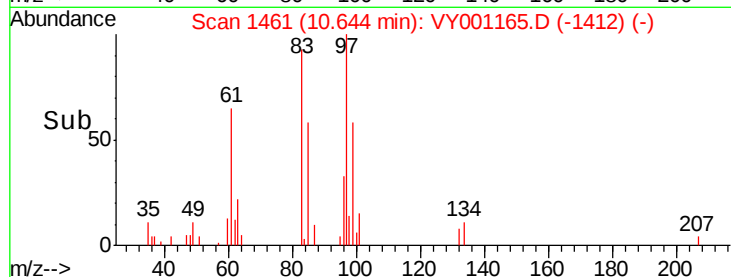
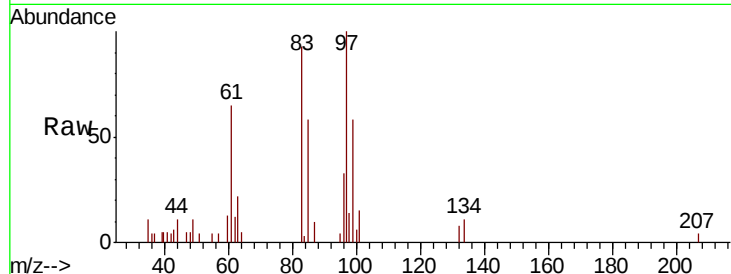
#55
1,1,2-Trichloroethane
Concen: 85.016 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

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

Tot Ion:	97	Resp:	3974
Ion	Ratio	Lower	Upper
97	100		
83	93.2	67.2	100.8
85	57.8	44.9	67.3
99	58.4	49.9	74.9

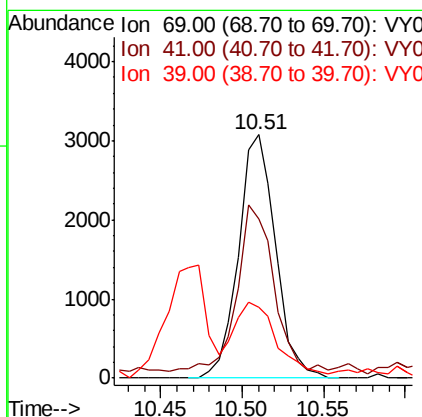
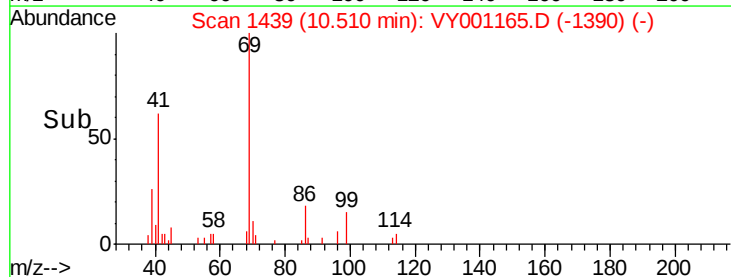
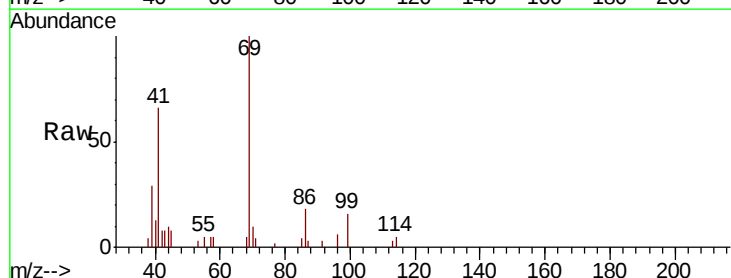
Manual Integrations
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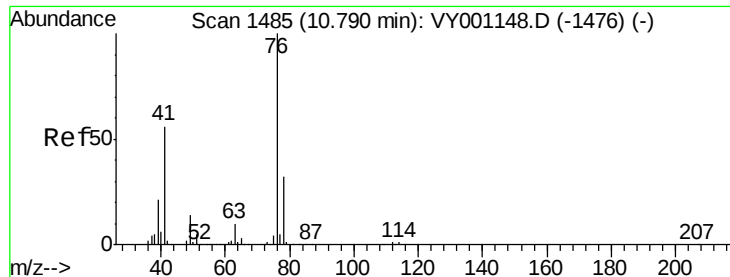
MMDadoda
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#56
Ethyl methacrylate
Concen: 68.025 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion:	69	Resp:	4864
Ion	Ratio	Lower	Upper
69	100		
41	66.9	51.4	77.2
39	33.7	26.3	39.5





#57

1,3-Dichloropropane

Concen: 79.579 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 76 Resp: 6386

Ion Ratio Lower Upper

76 100

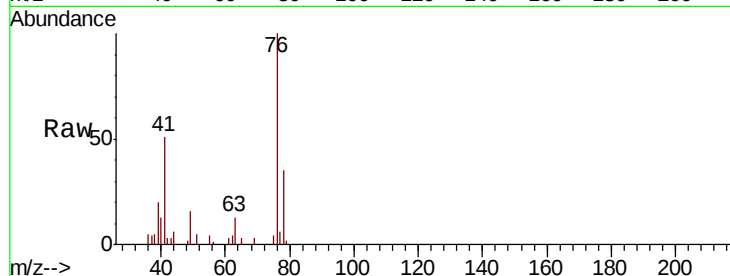
78 35.2 26.1 39.1

Manual Integrations

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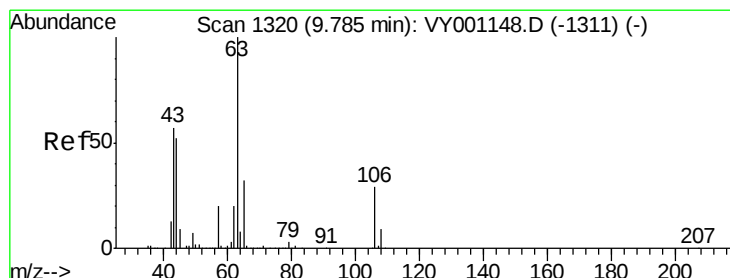
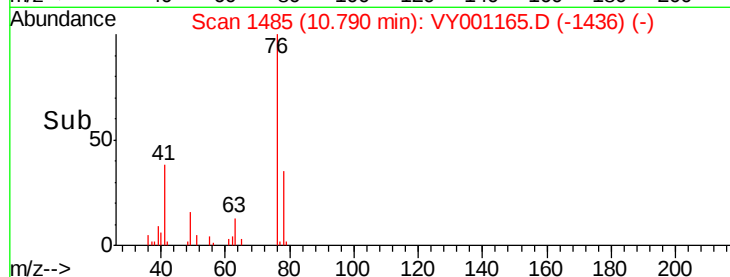
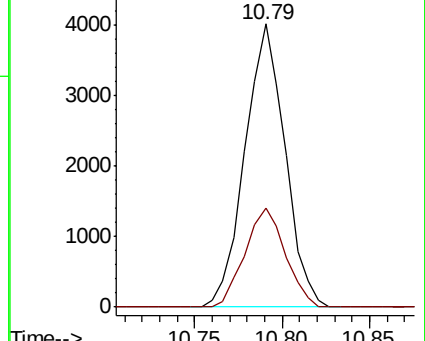
MMDadoda

1/13/2020 12:39:30 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 155.755 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY001165.D

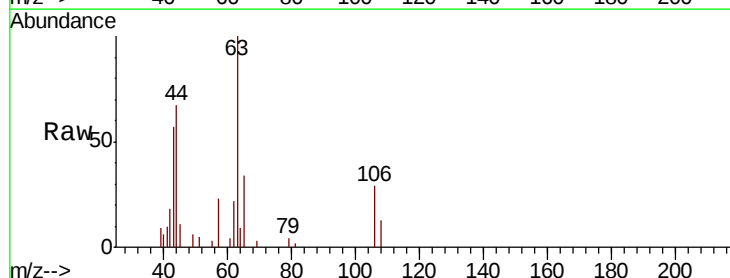
Acq: 10 Jan 2020 22:07

Tgt Ion: 63 Resp: 3917

Ion Ratio Lower Upper

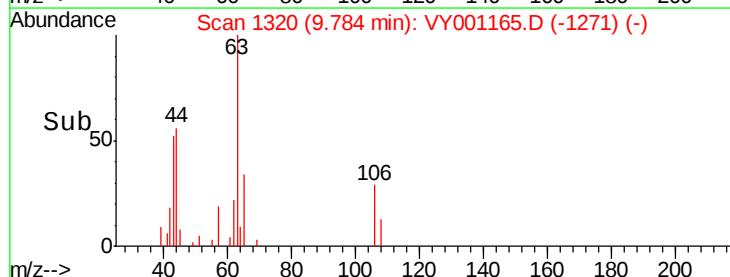
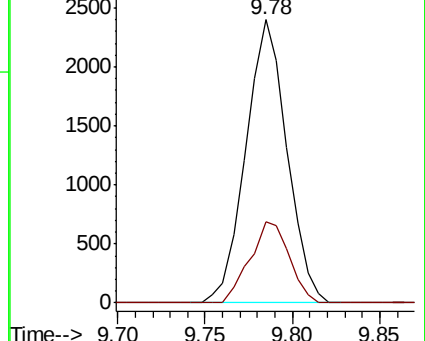
63 100

106 27.3 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





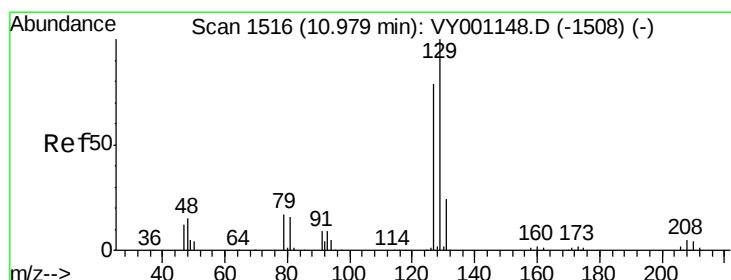
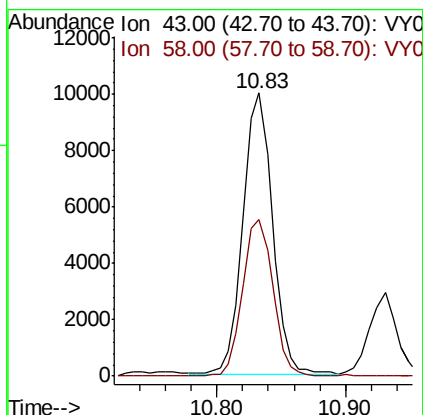
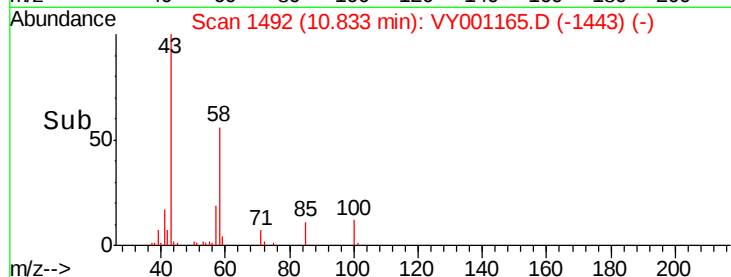
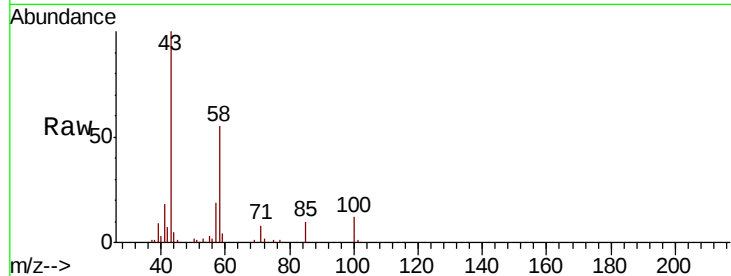
#59
2-Hexanone
Concen: 493.031 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

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

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
58	57.2	28.4	85.2	

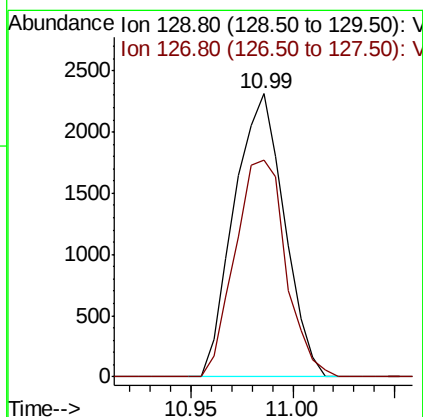
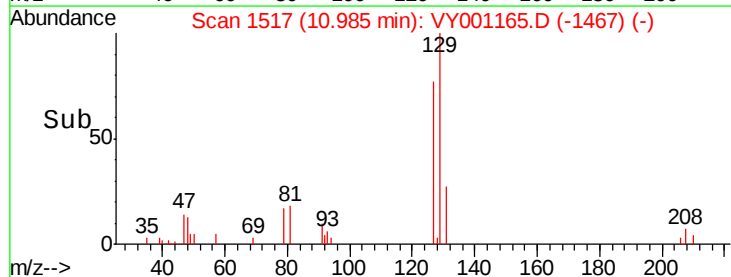
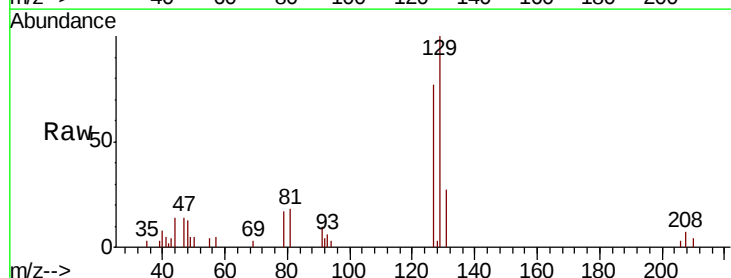
Manual Integrations
APPROVED

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1/13/2020 12:39:30 PM



#60
Dibromochloromethane
Concen: 73.337 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.01 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	77.7	38.9	116.7	





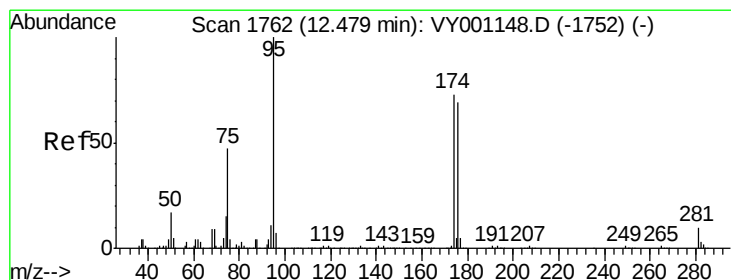
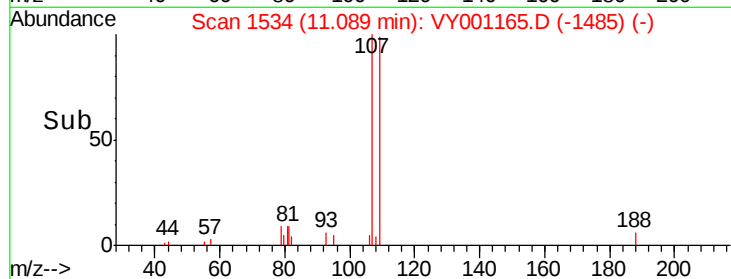
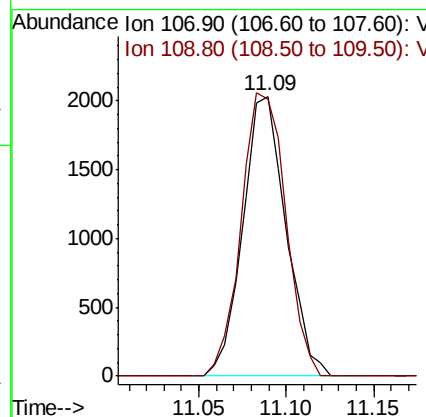
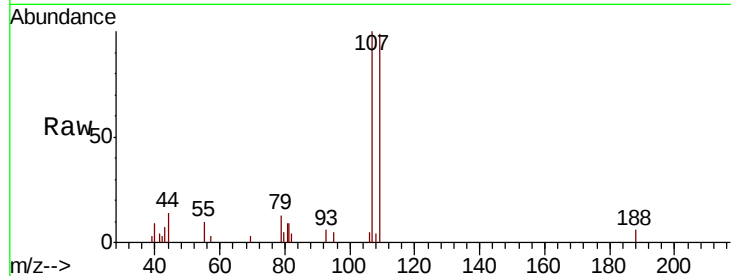
#61
 1,2-Dibromoethane
 Concen: 76.507 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

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

Tot Ion	Ratio	Lower	Upper
107	100		
109	104.2	75.4	113.0

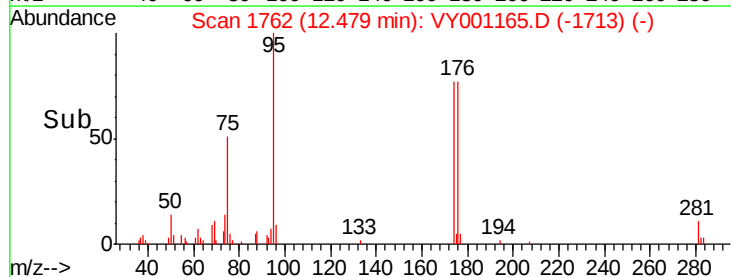
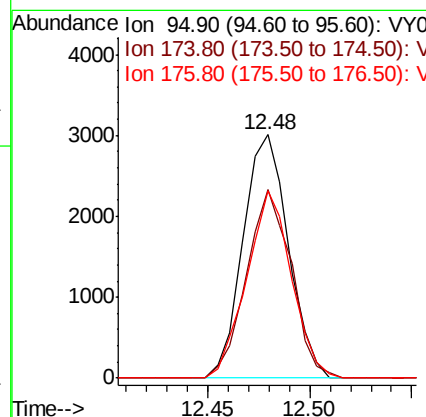
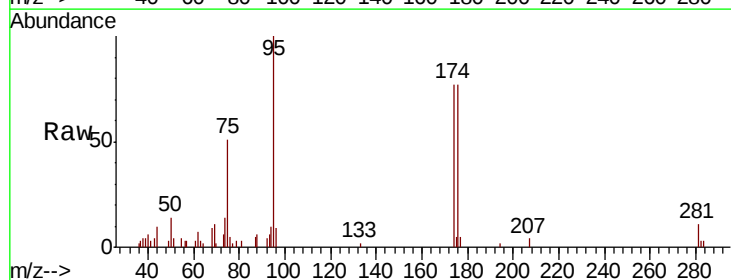
Manual Integrations
 APPROVED

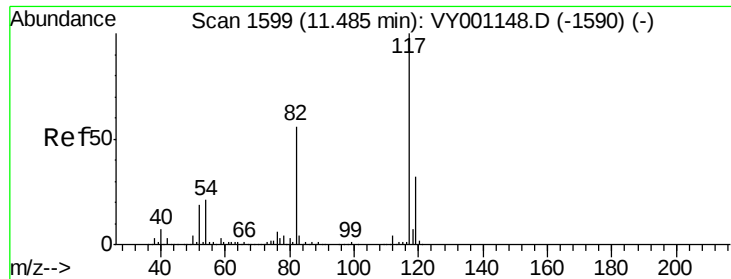
MMDadoda
 1/13/2020 12:39:30 PM



#62
 4-Bromofluorobenzene
 Concen: 57.061 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	143.2
176	76.6	0.0	136.0





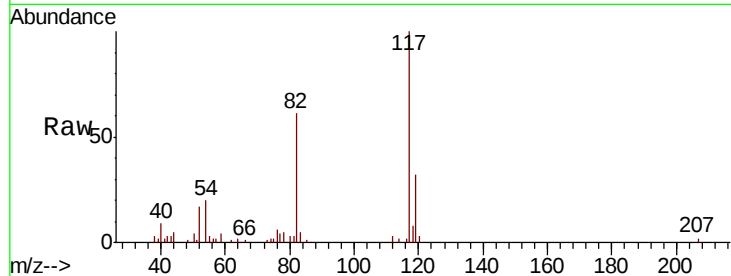
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.4	44.9	67.3
119	31.6	25.7	38.5

Manual Integrations
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1/13/2020 12:39:30 PM

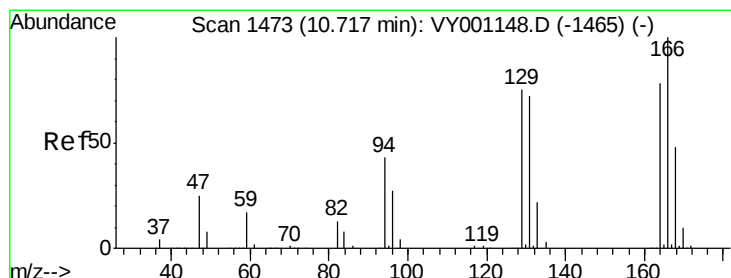
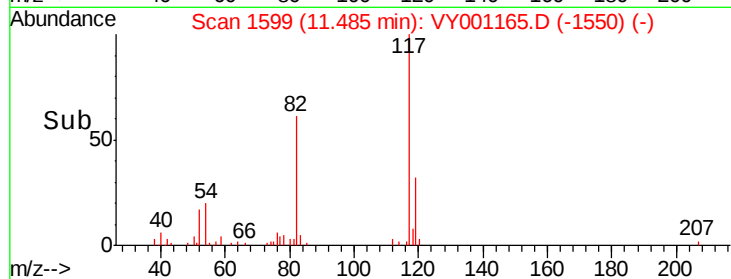
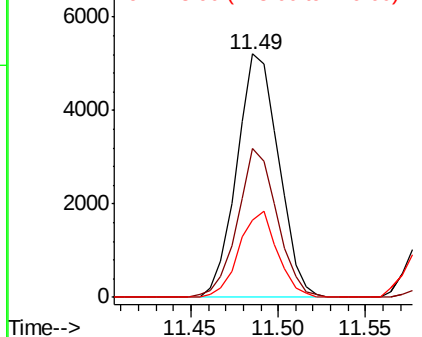


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 64.266 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.3	153.5
129	89.9	76.2	114.4
131	93.6	73.9	110.9

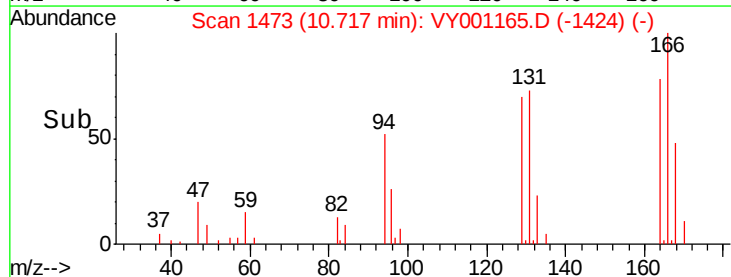
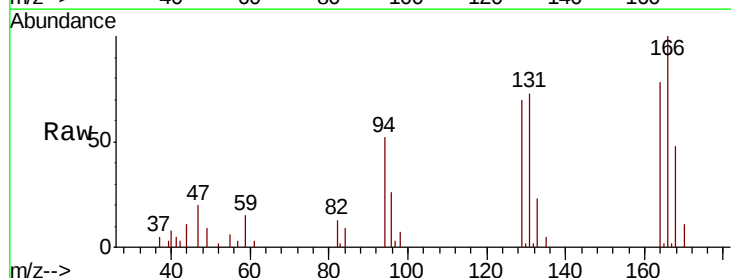
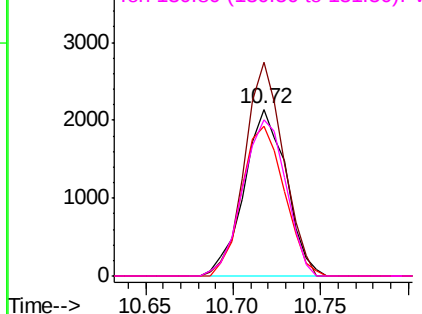
Abundance

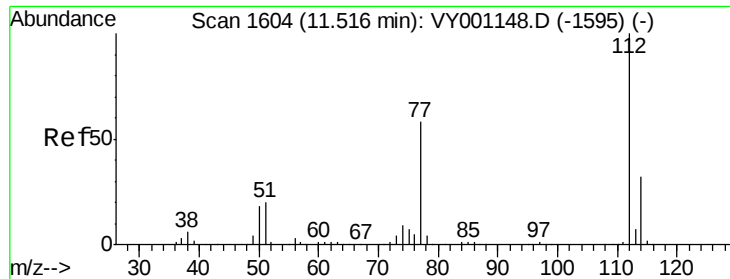
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





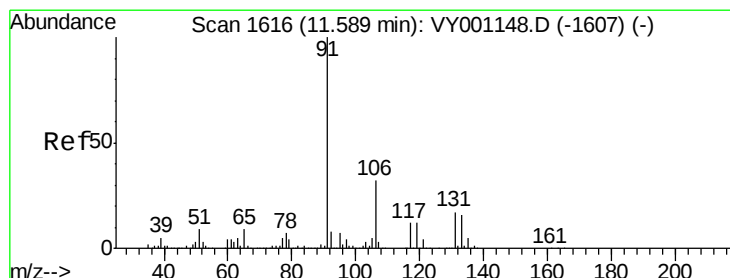
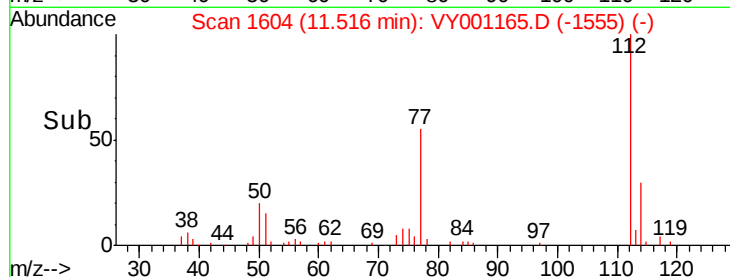
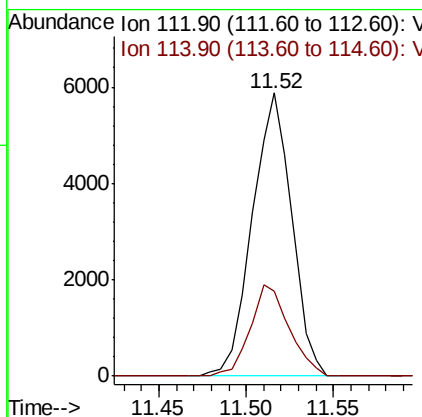
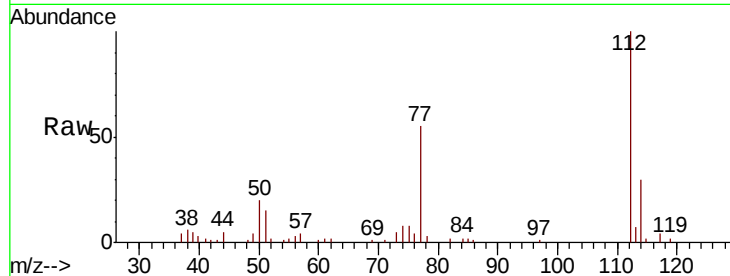
#65
Chlorobenzene
Concen: 53.023 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

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

Tot Ion:112 Resp: 9189
Ion Ratio Lower Upper
112 100
114 30.2 25.9 38.9

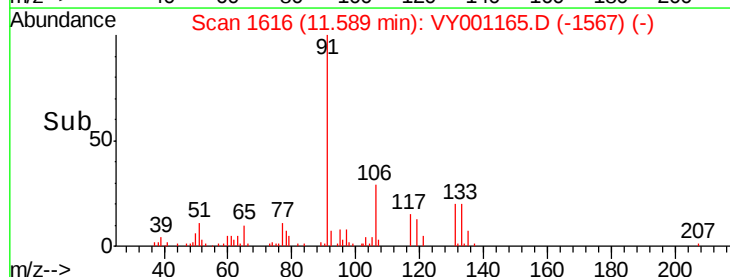
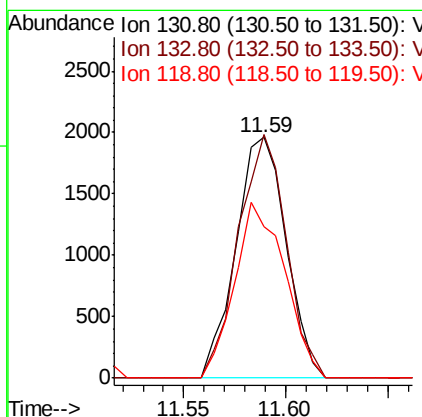
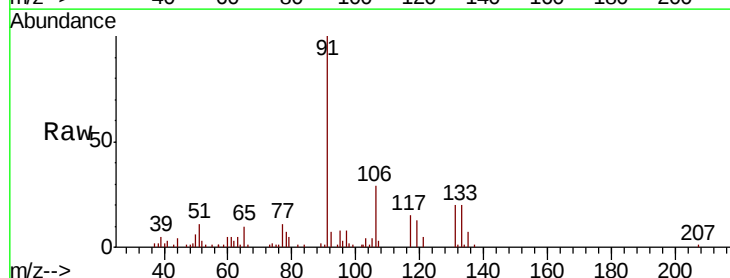
Manual Integrations
APPROVED

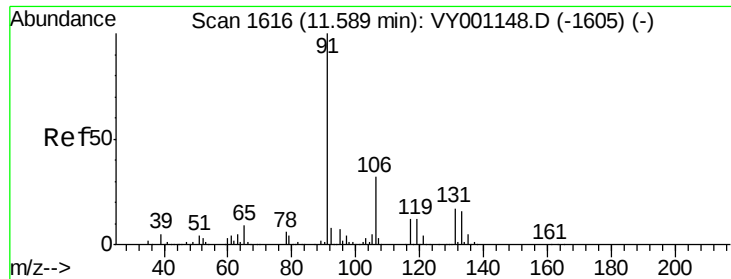
MMDadoda
1/13/2020 12:39:30 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 56.153 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion:131 Resp: 3354
Ion Ratio Lower Upper
131 100
133 96.3 47.3 142.0
119 72.8 33.6 100.8





#67

Ethyl Benzene

Concen: 47.703 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 91 Resp: 15123

Ion Ratio Lower Upper

91 100

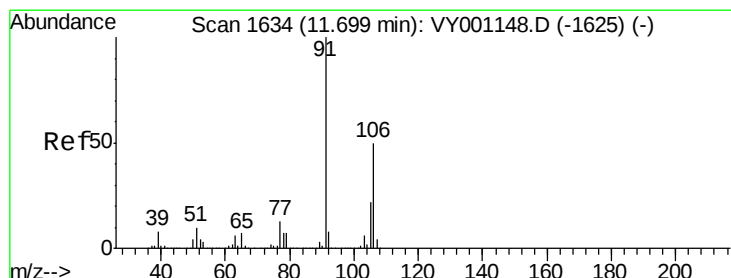
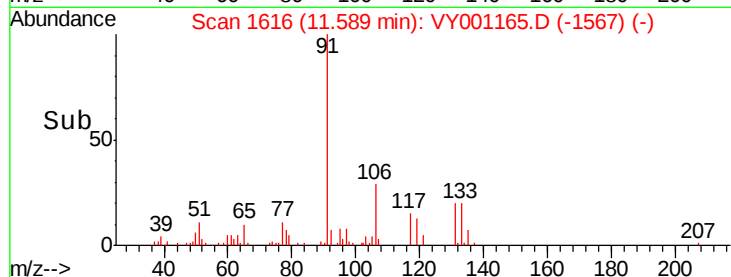
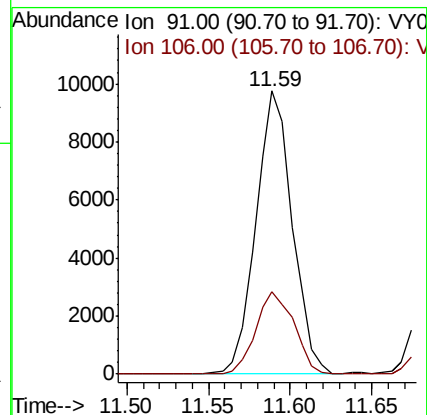
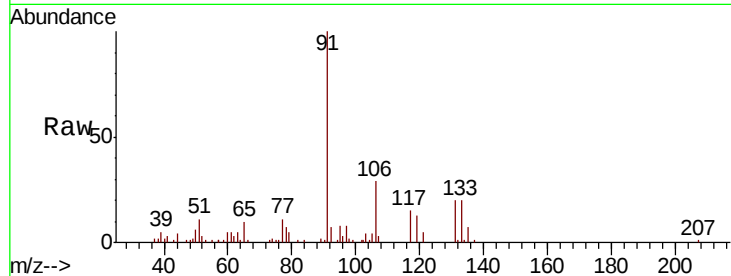
106 28.9 25.3 37.9

Manual Integrations

APPROVED

MMDadoda

1/13/2020 12:39:30 PM



#68

m/p-Xylenes

Concen: 94.097 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY001165.D

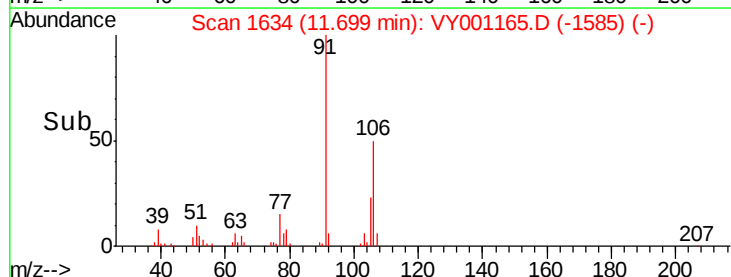
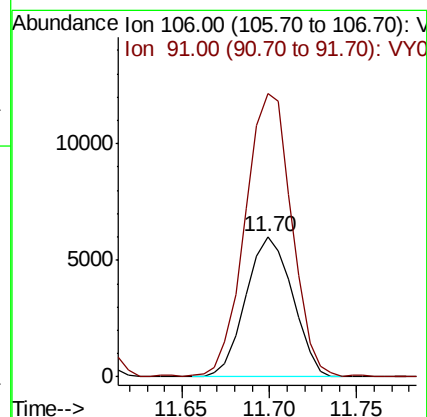
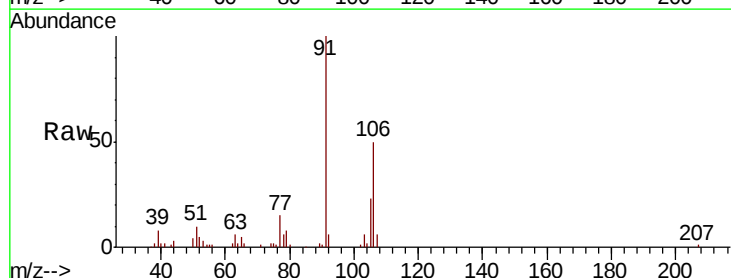
Acq: 10 Jan 2020 22:07

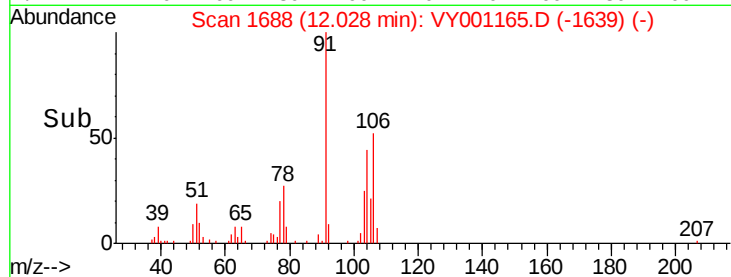
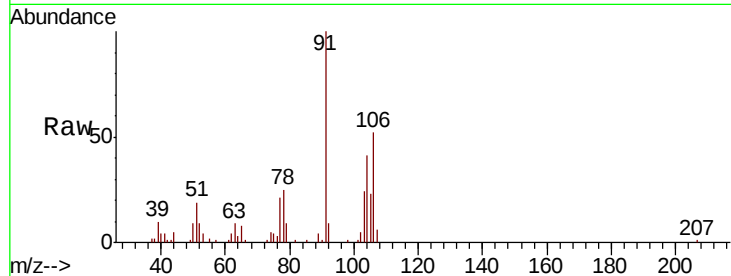
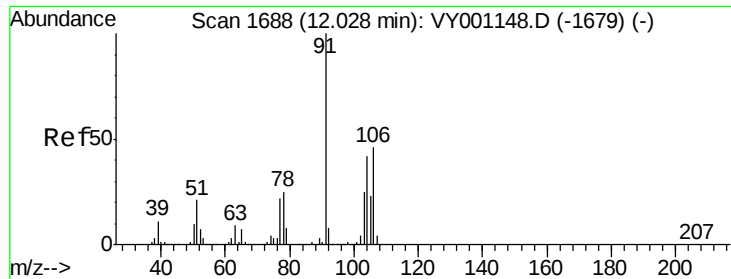
Tgt Ion: 106 Resp: 11253

Ion Ratio Lower Upper

106 100

91 201.5 161.4 242.2





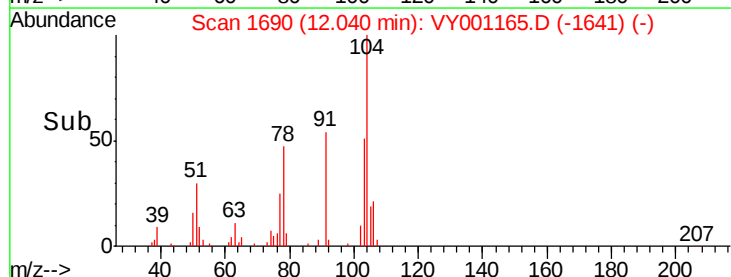
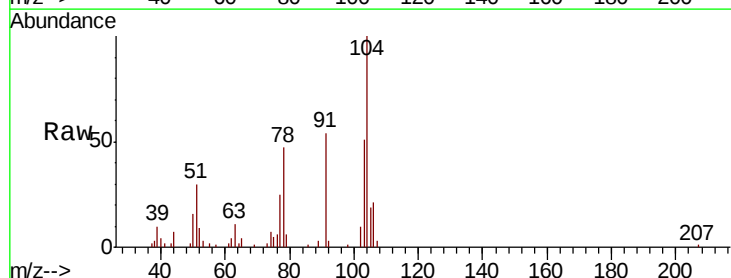
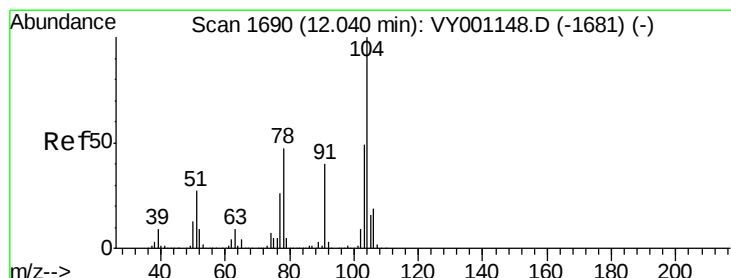
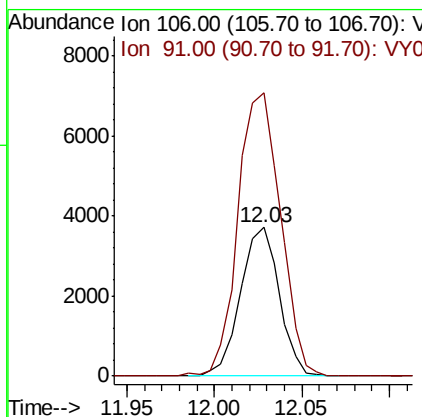
#69
o-Xylene
Concen: 49.887 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tot Ion: 106 Resp: 5720
Ion Ratio Lower Upper
106 100
91 209.8 106.3 318.8

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

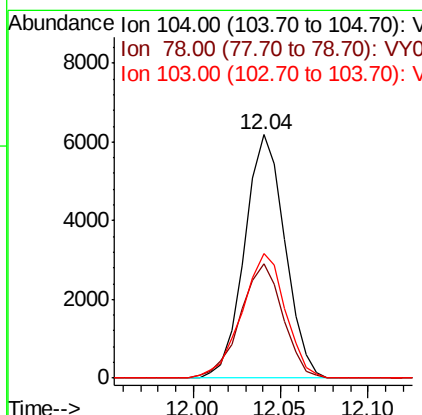
Manual Integrations
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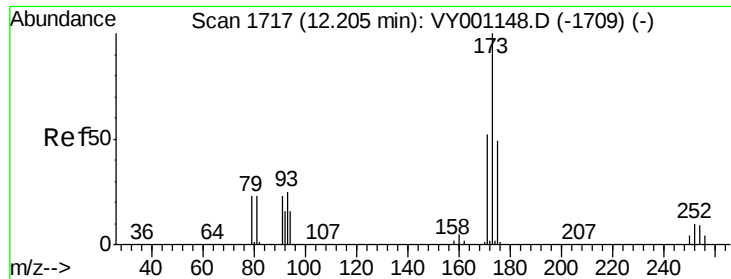
MMDadoda
1/13/2020 12:39:30 PM



#70
Styrene
Concen: 49.373 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion: 104 Resp: 9933
Ion Ratio Lower Upper
104 100
78 49.5 40.5 60.7
103 55.1 42.4 63.6





#71

Bromoform

Concen: 70.069 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

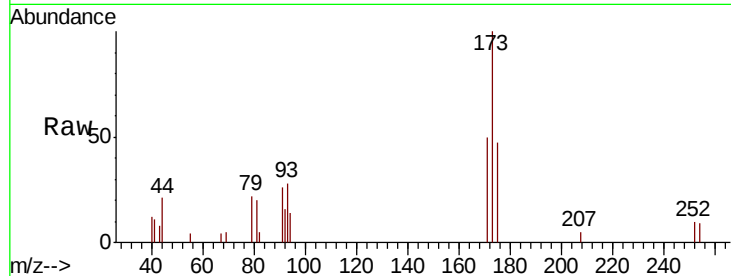
ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	43.4	24.1	72.2
254	0.0	0.1	0.1#

Manual Integrations
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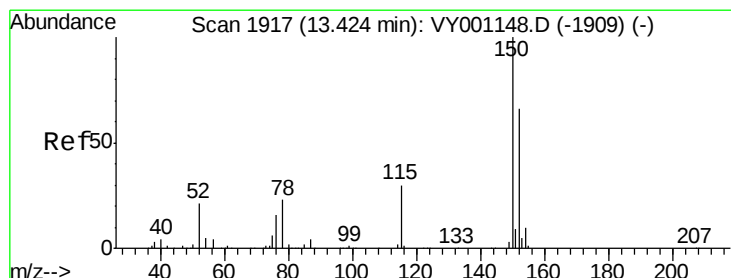
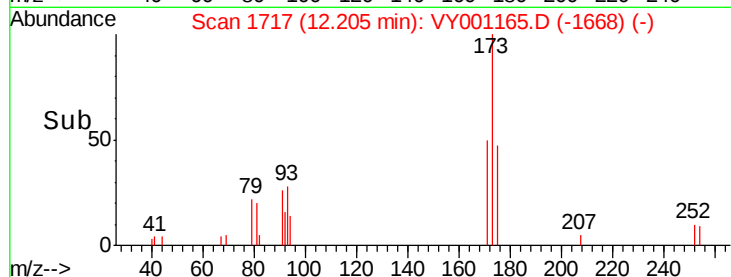
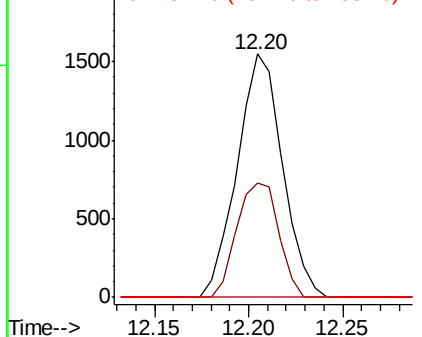


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

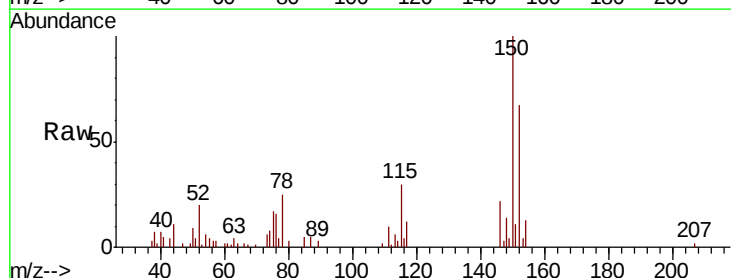
RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	30.9	92.5
150	164.9	0.0	346.8

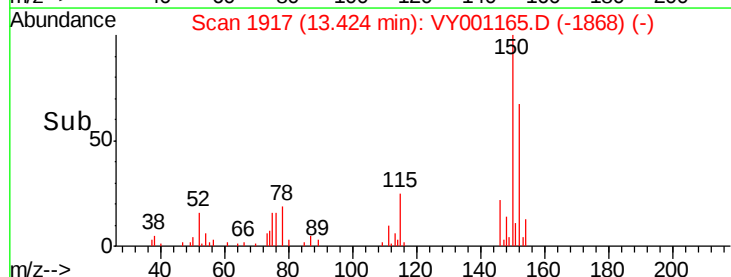
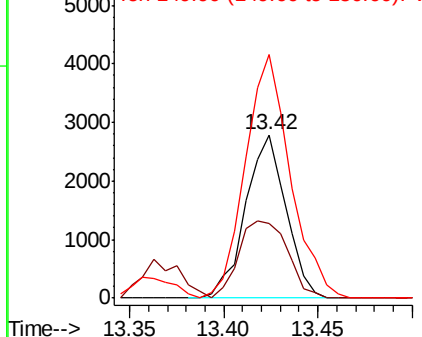


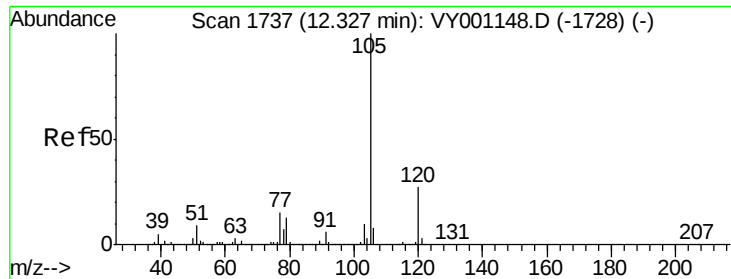
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





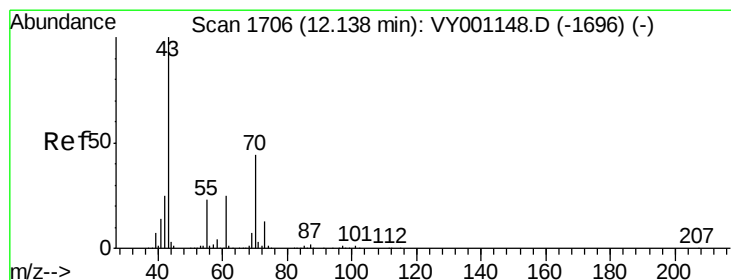
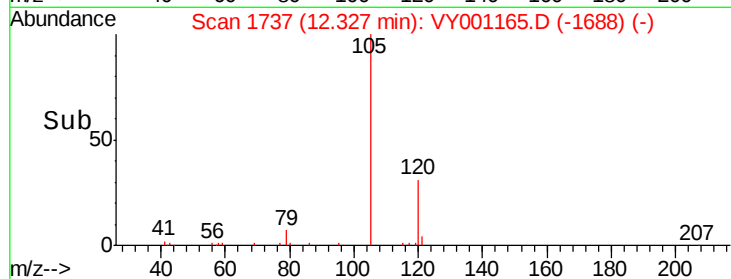
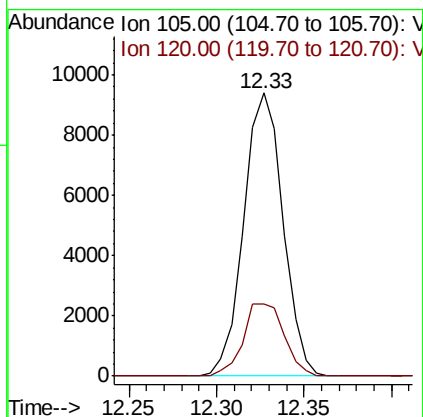
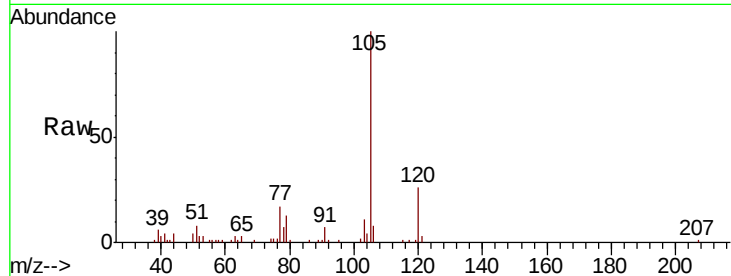
#73
Isopropylbenzene
Concen: 46.905 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.4	40.2

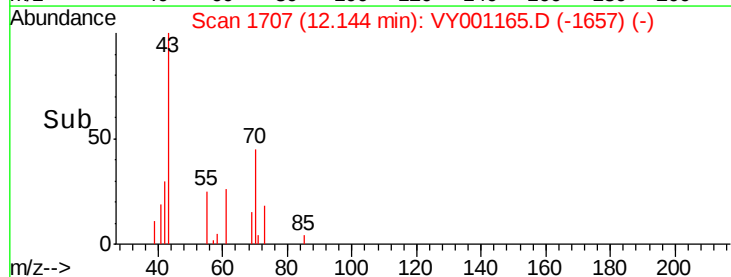
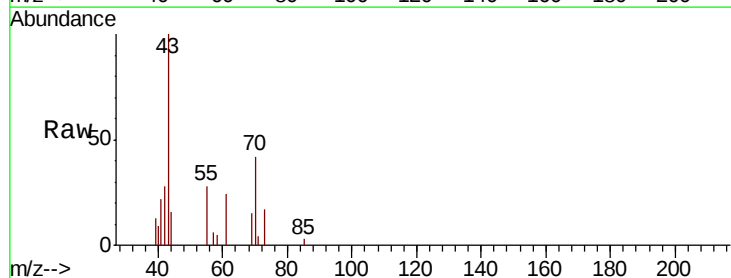
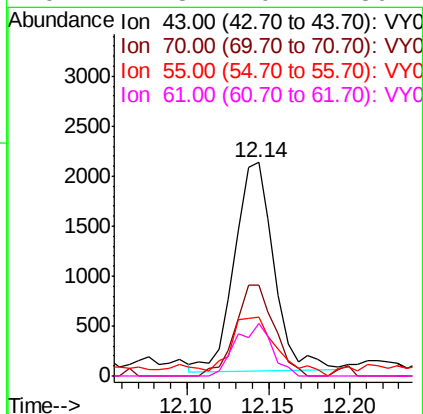
Manual Integrations
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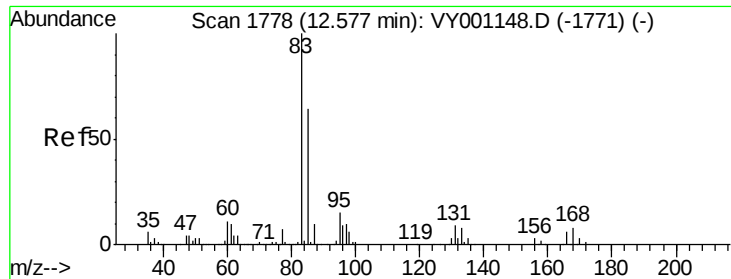
MMDadoda
1/13/2020 12:39:30 PM



#74
N-ethyl acetate
Concen: 36.193 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.4	35.0	52.6
55	32.7	18.4	27.6
61	22.8	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 80.582 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

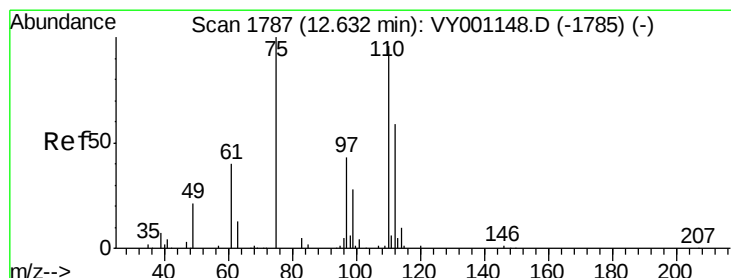
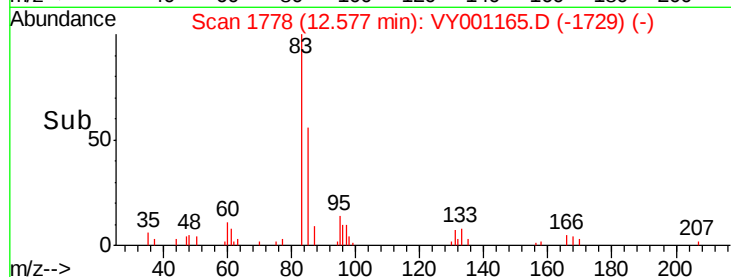
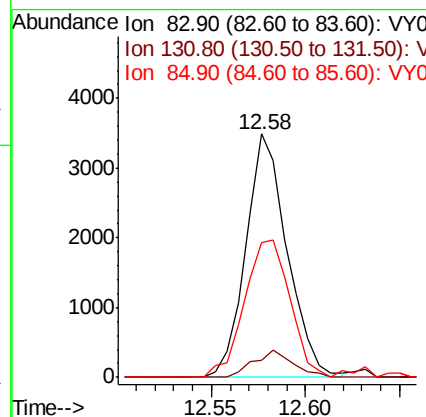
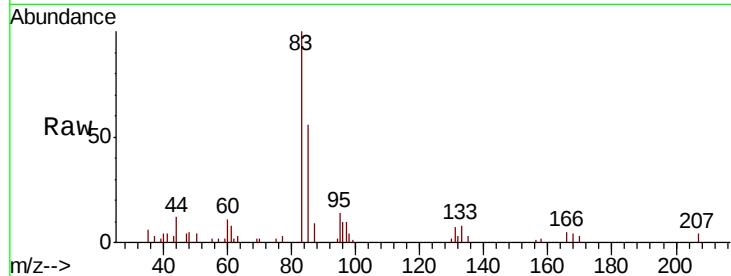
ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion:	83	Resp:	5297
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.3
85	62.1	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 88.042 ug/l m

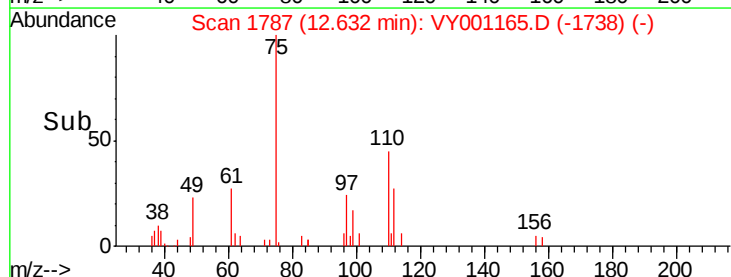
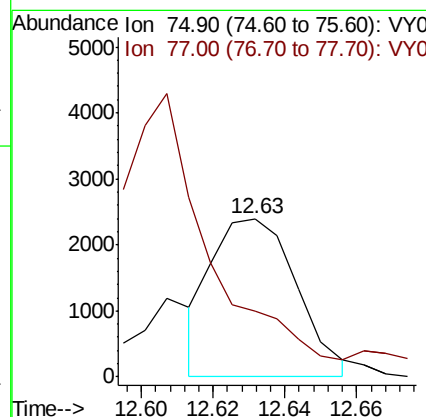
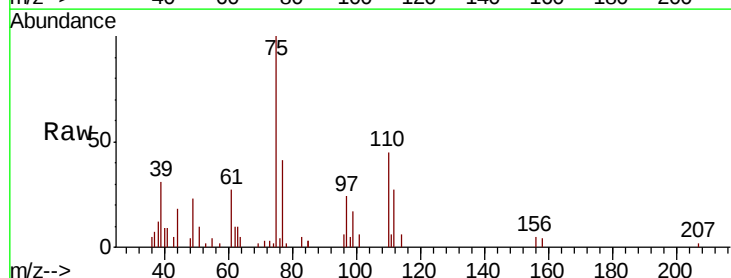
RT: 12.63 min Scan# 1787

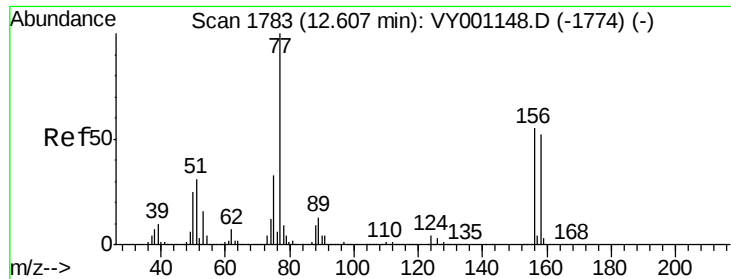
Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Tgt Ion:	75	Resp:	3917
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.276 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

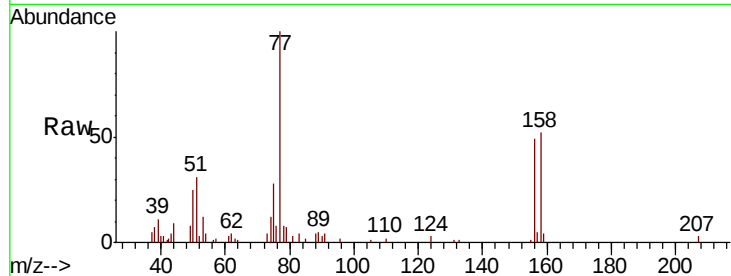
ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion	Ratio	Lower	Upper
156	100		
77	215.5	106.7	320.1
158	98.5	48.3	144.8

Manual Integrations
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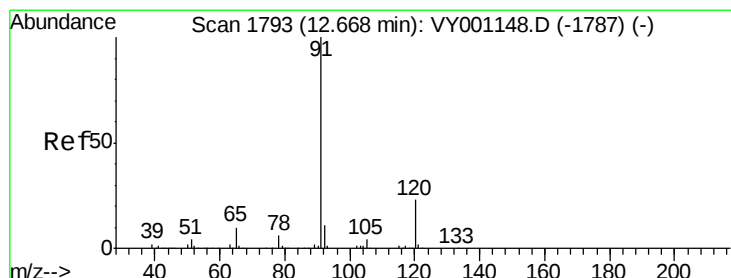
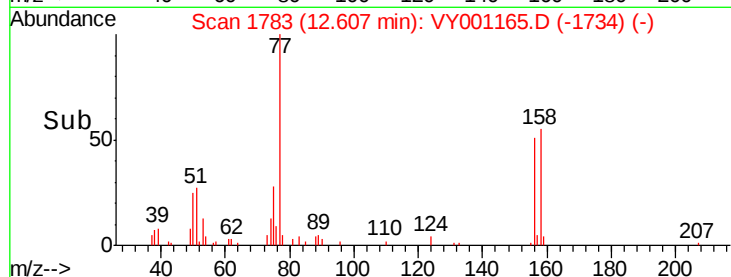
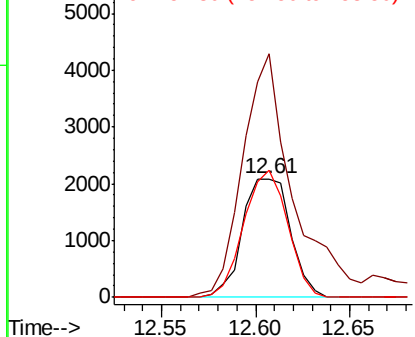


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.594 ug/l

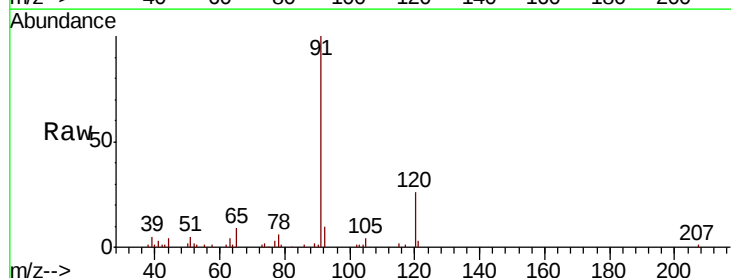
RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

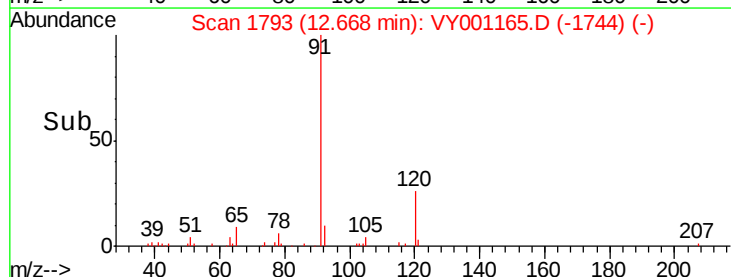
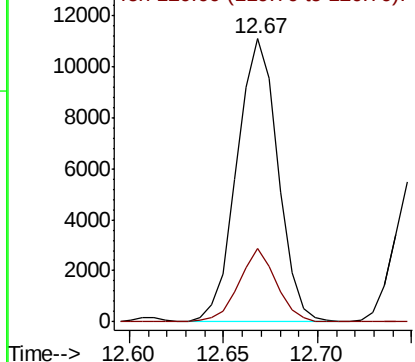
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.5	34.4

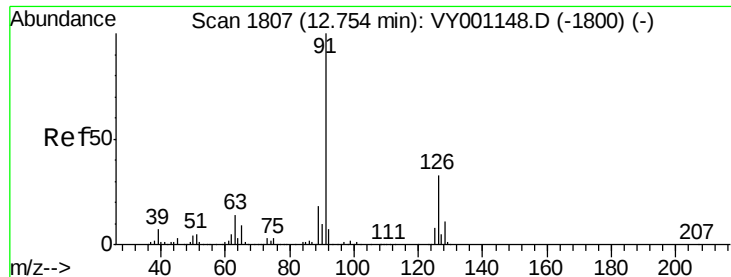


Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.573 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 91 Resp: 10052

Ion Ratio Lower Upper

91 100

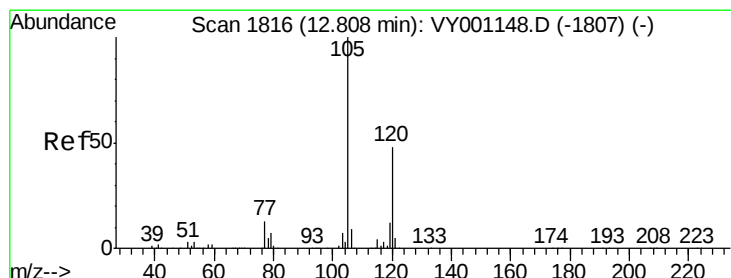
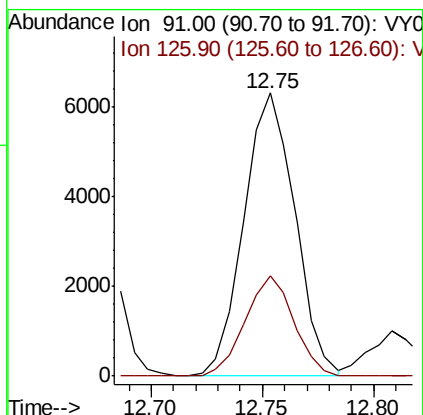
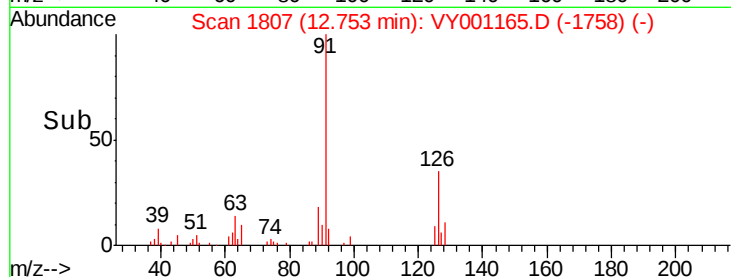
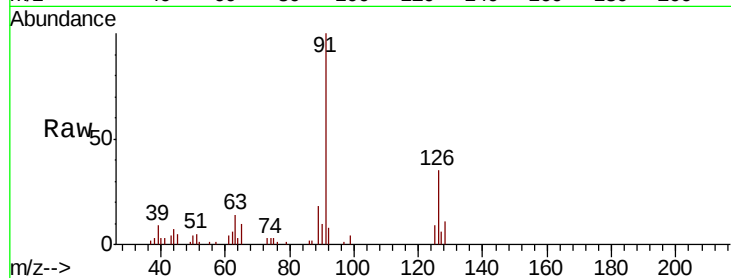
126 33.7 16.4 49.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 45.476 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY001165.D

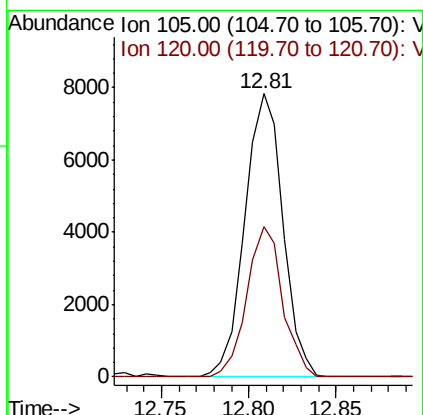
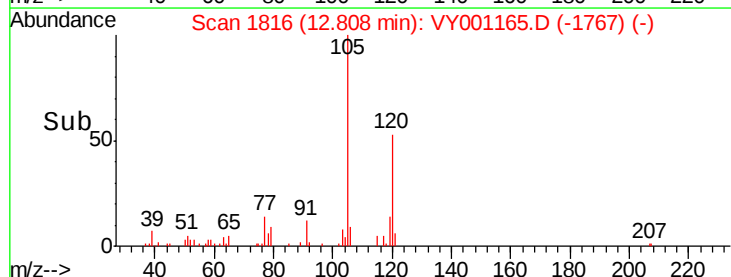
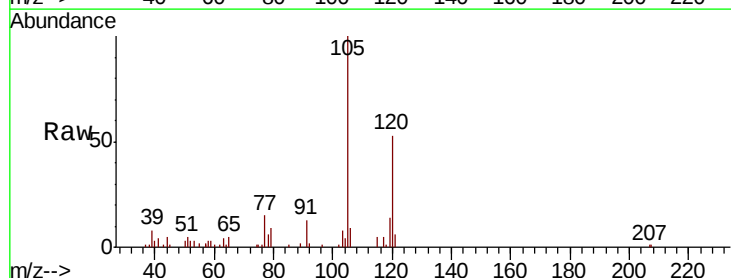
Acq: 10 Jan 2020 22:07

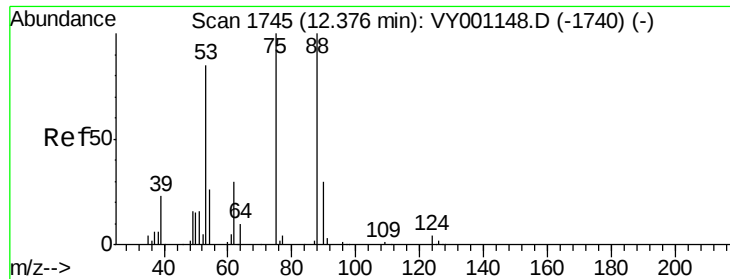
Tgt Ion: 105 Resp: 11855

Ion Ratio Lower Upper

105 100

120 49.8 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 37.468 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

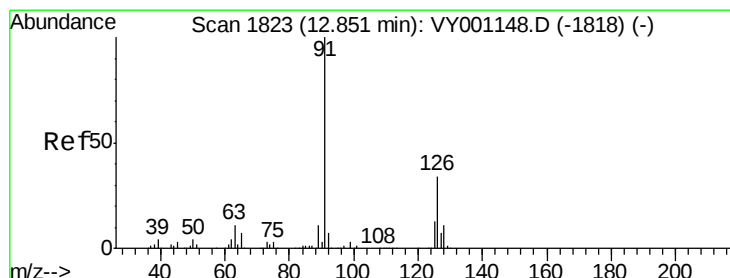
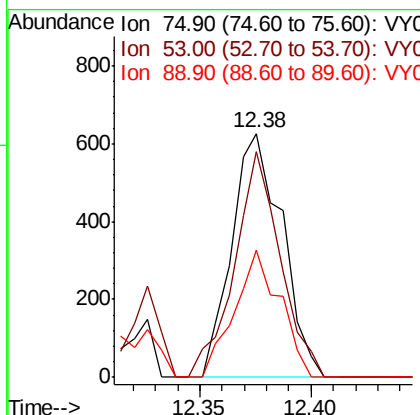
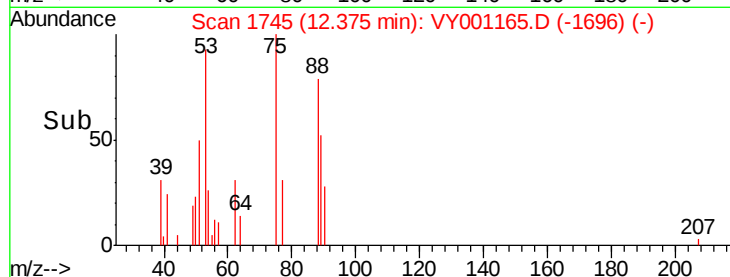
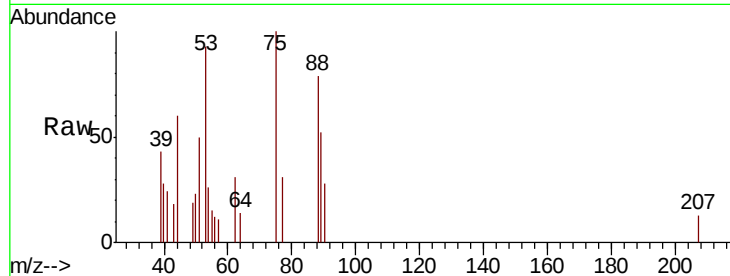
ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.5	69.4	104.2
89	47.0	0.0	0.0#

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#82

4-Chlorotoluene

Concen: 44.094 ug/l

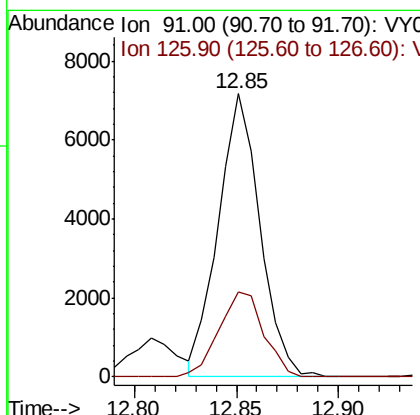
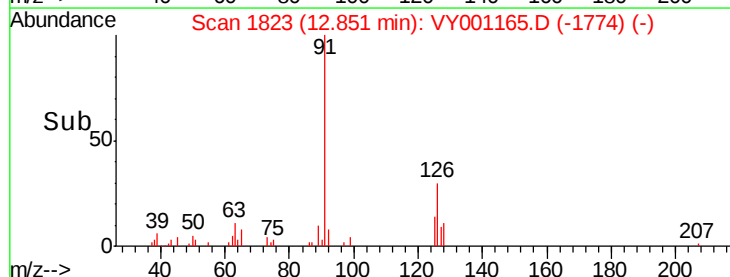
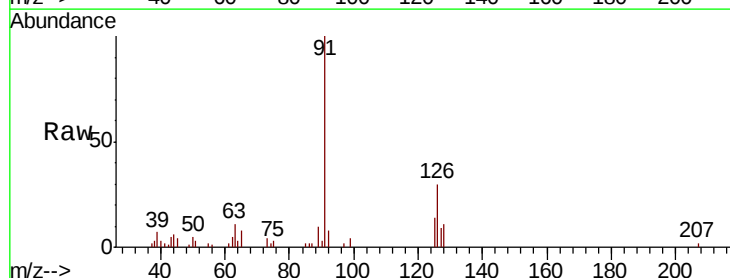
RT: 12.85 min Scan# 1823

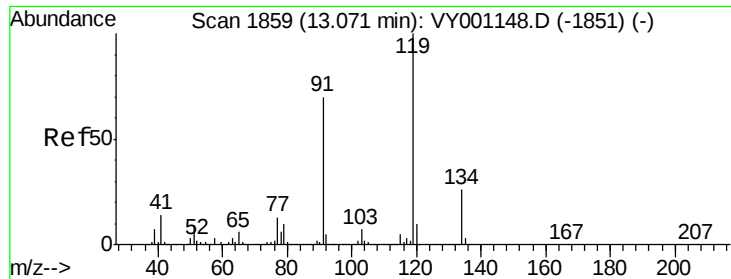
Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.3	48.8





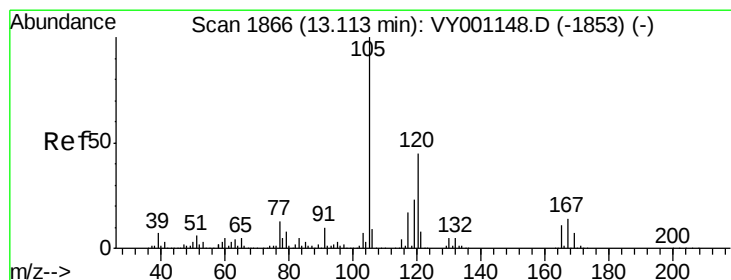
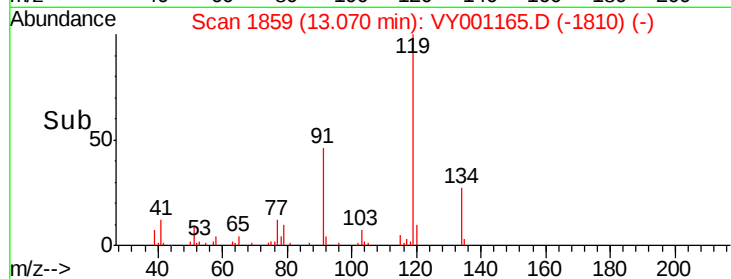
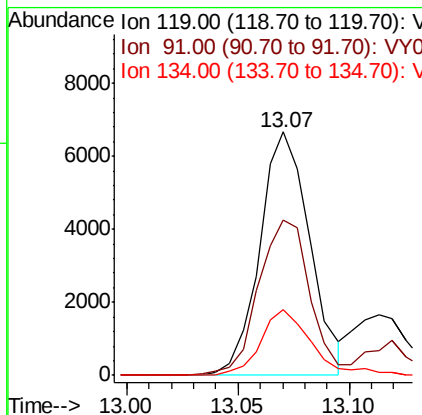
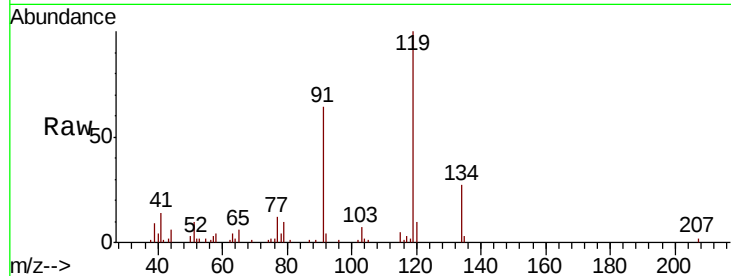
#83
tert-Butylbenzene
Concen: 47.464 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

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

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.0	33.9	101.7
134	27.5	13.5	40.4

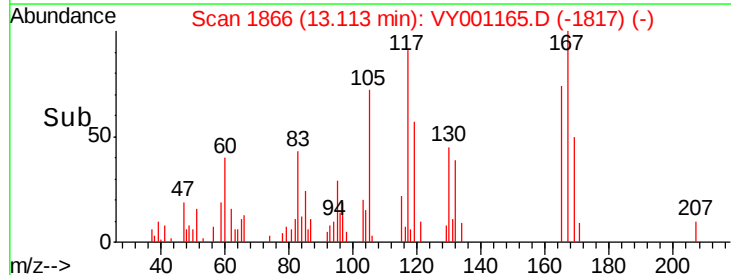
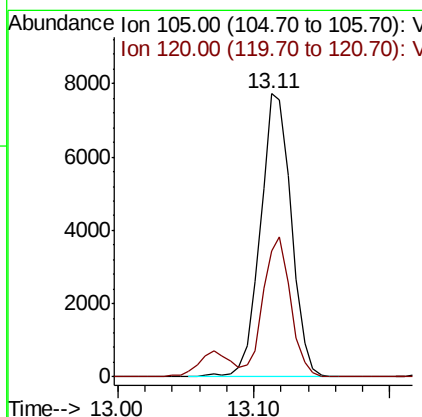
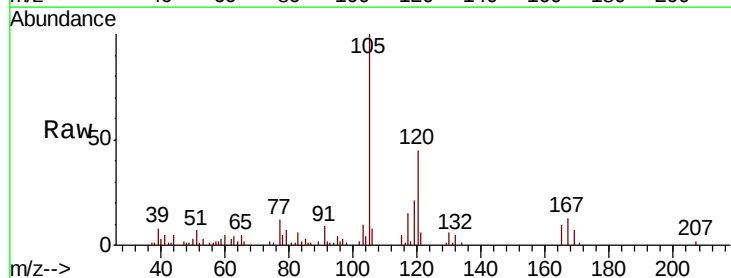
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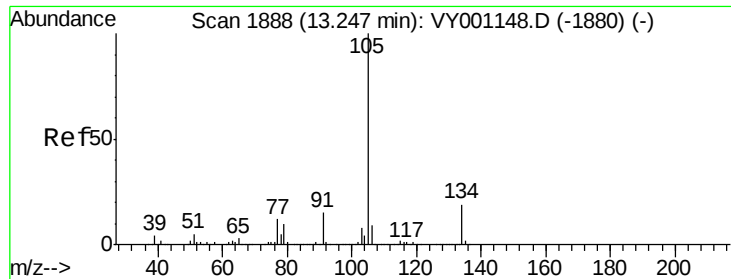
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 47.790 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.8	68.3





#85

sec-Butylbenzene

Concen: 44.487 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.00 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion:105 Resp: 14019

Ion Ratio Lower Upper

105 100

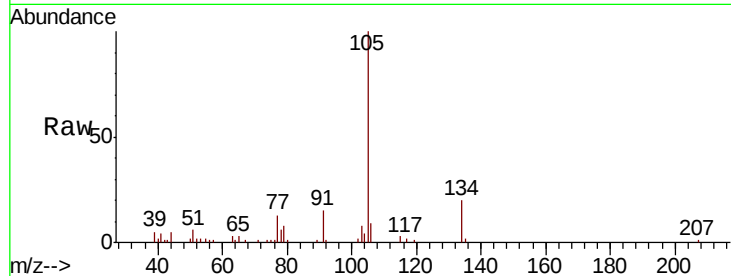
134 20.2 9.8 29.5

Manual Integrations

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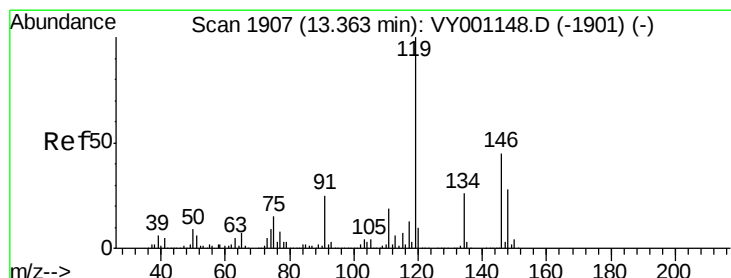
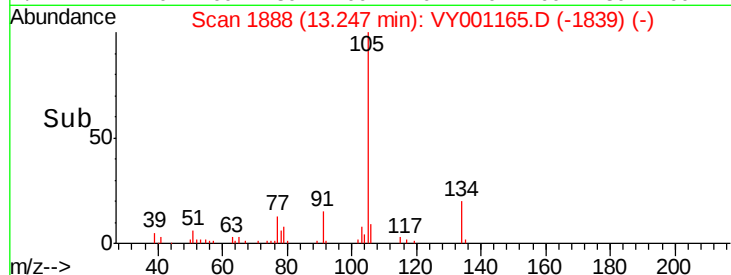
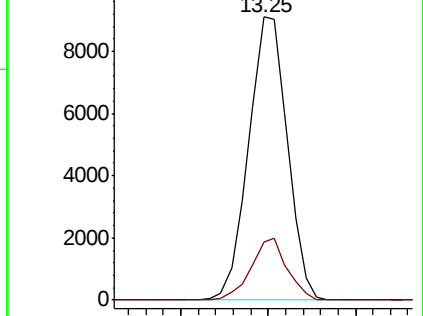
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.276 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY001165.D

Acq: 10 Jan 2020 22:07

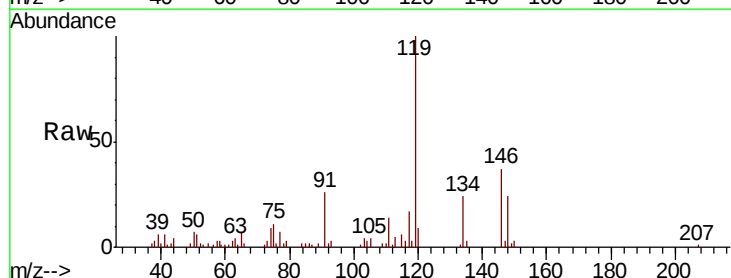
Tgt Ion:119 Resp: 12114

Ion Ratio Lower Upper

119 100

134 25.6 13.4 40.2

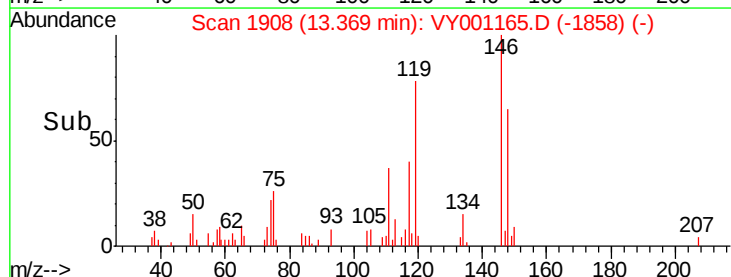
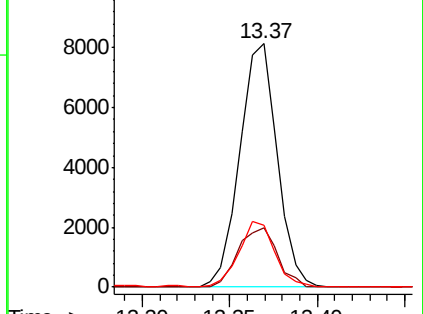
91 26.0 12.4 37.2

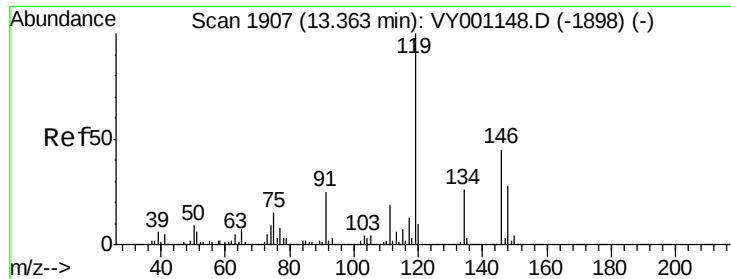


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





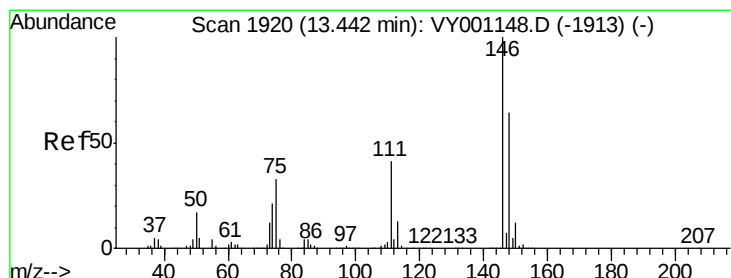
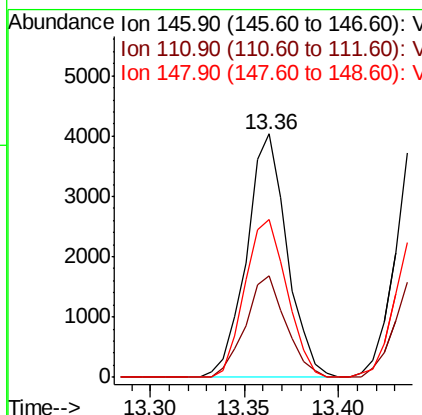
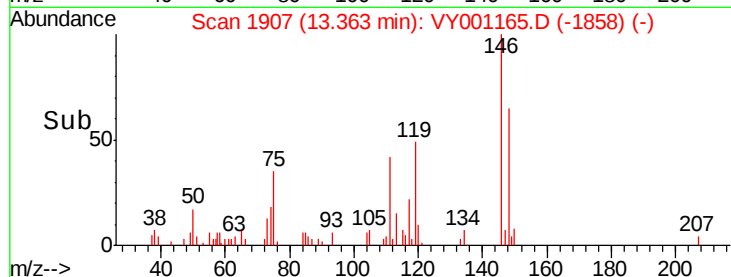
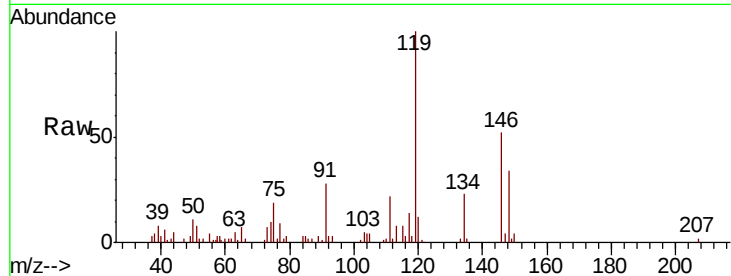
#87
 1,3-Dichlorobenzene
 Concen: 45.970 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.3	64.0
148	67.2	31.9	95.5

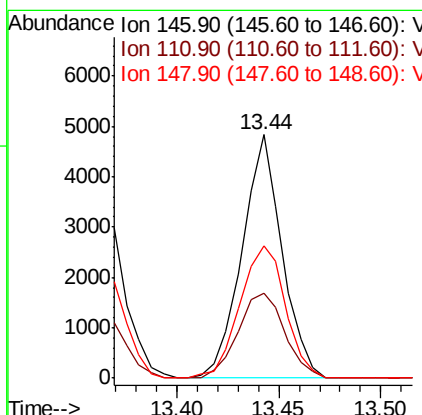
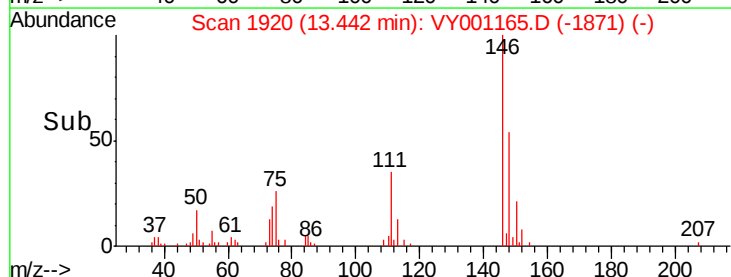
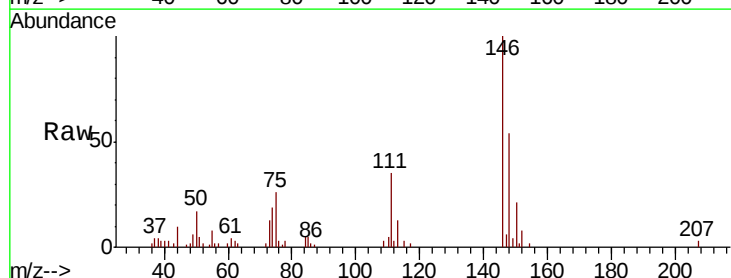
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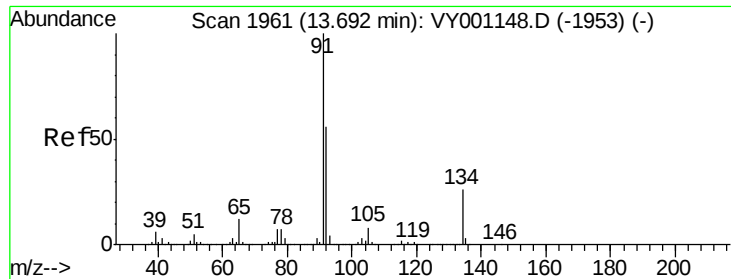
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#88
 1,4-Dichlorobenzene
 Concen: 49.005 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.8	62.5
148	61.8	32.0	96.2





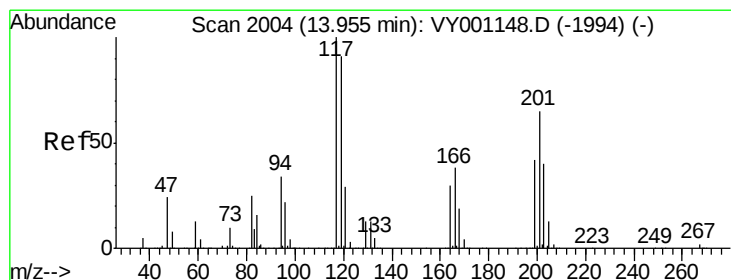
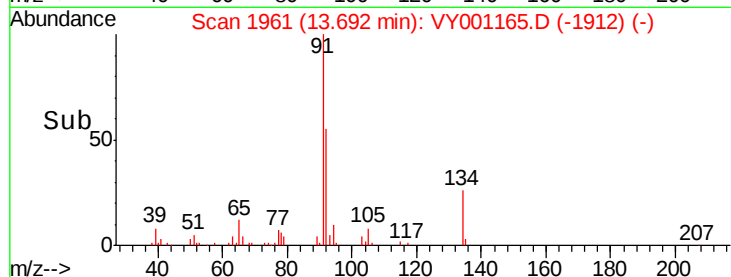
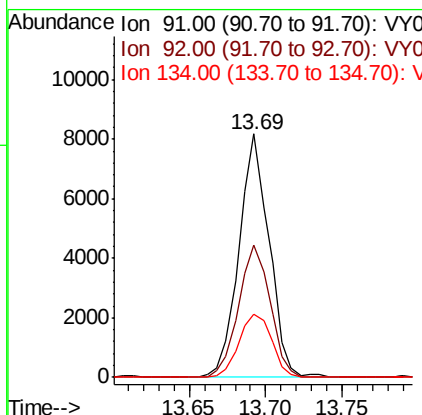
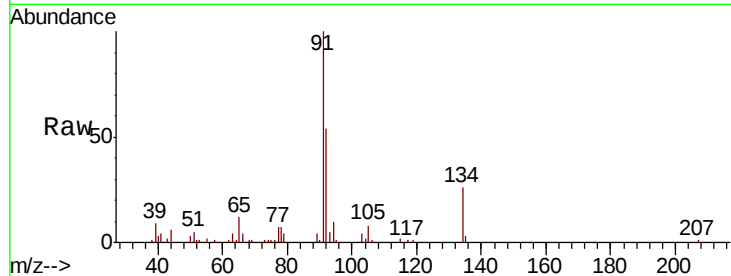
#89
n-Butylbenzene
Concen: 40.607 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

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

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.6	27.7	83.1
134	28.1	12.9	38.6

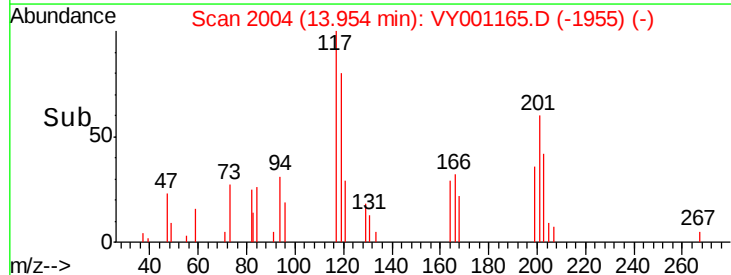
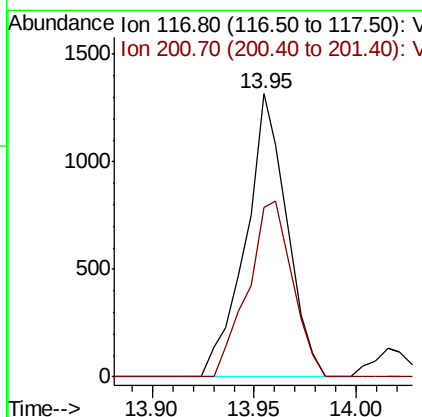
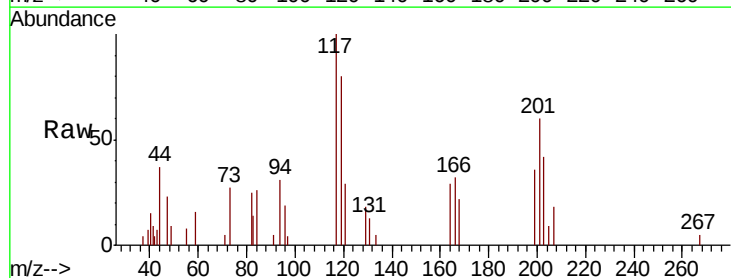
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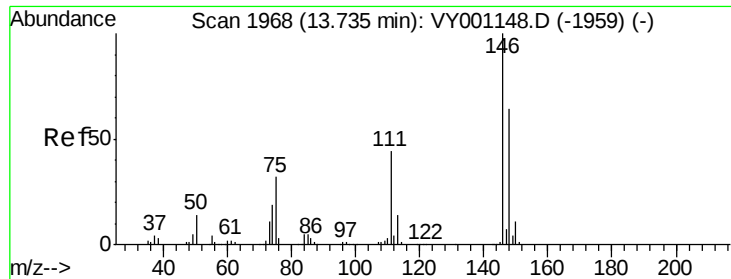
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#90
Hexachloroethane
Concen: 34.623 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.0	35.4	106.2





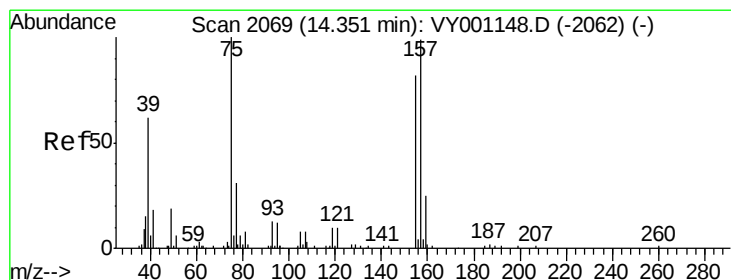
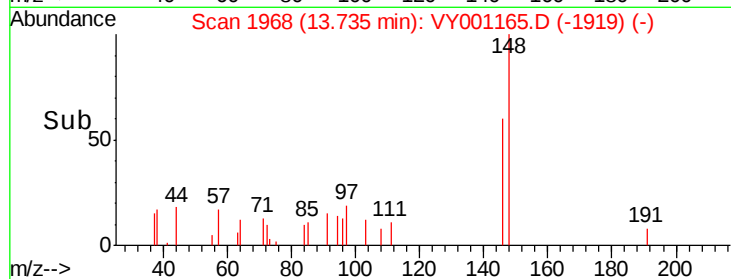
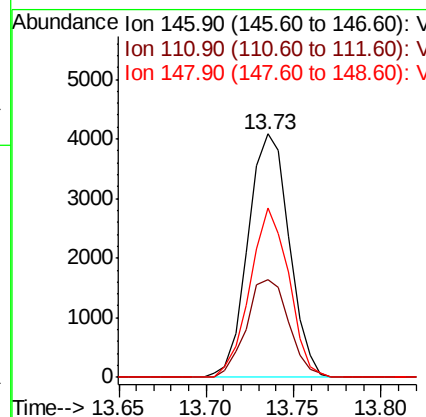
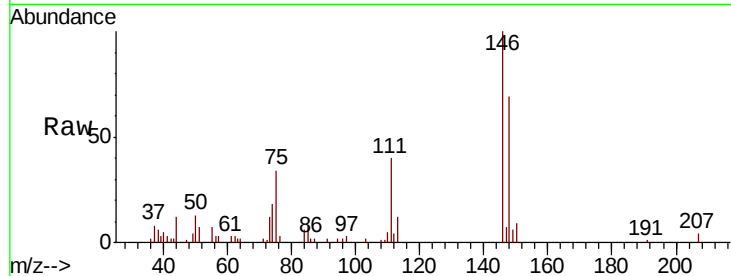
#91
 1,2-Dichlorobenzene
 Concen: 55.298 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	22.0	66.0
148	65.4	32.1	96.3

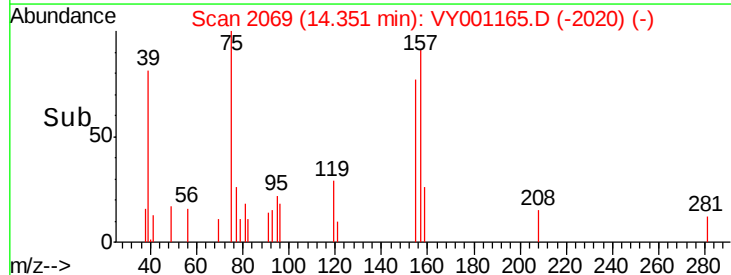
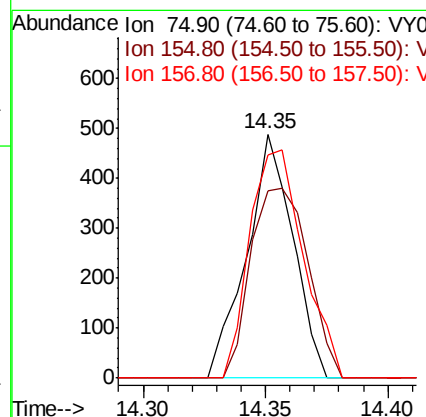
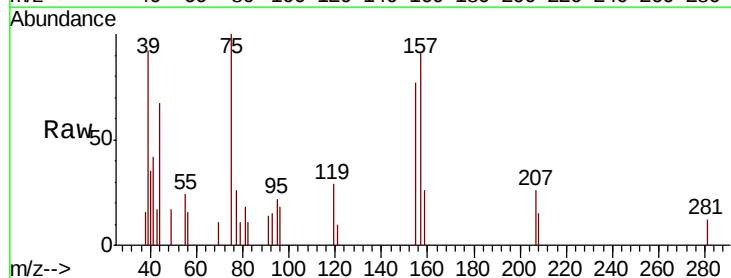
Manual Integrations
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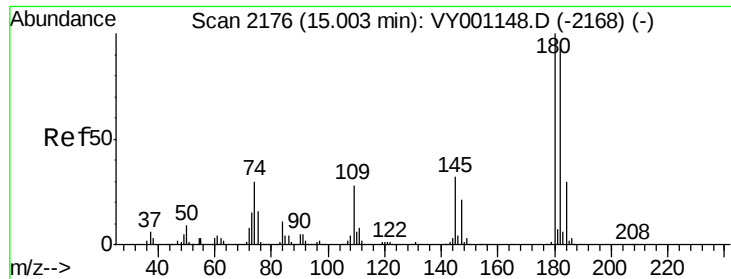
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.480 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.3	41.2	123.6
157	108.4	52.8	158.4





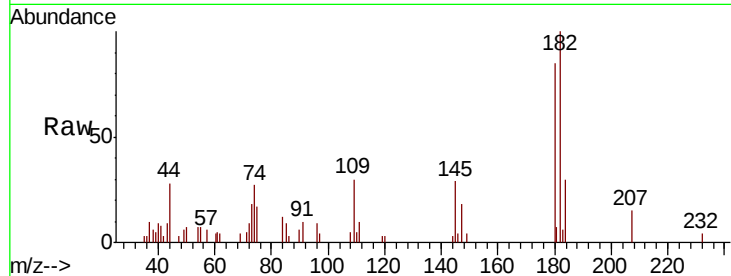
#93
 1,2,4-Trichlorobenzene
 Concen: 34.810 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	113.6	46.9	140.8
145	35.0	16.0	48.0

Manual Integrations
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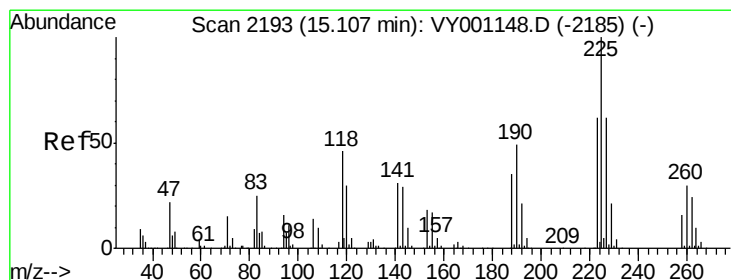
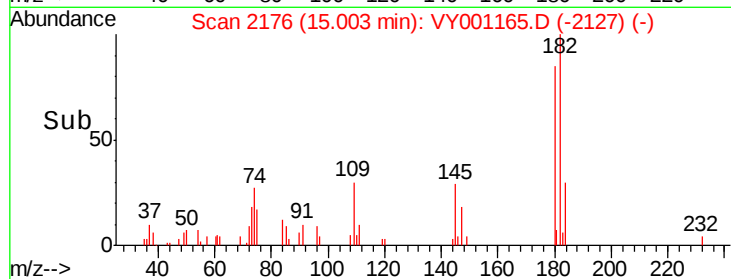
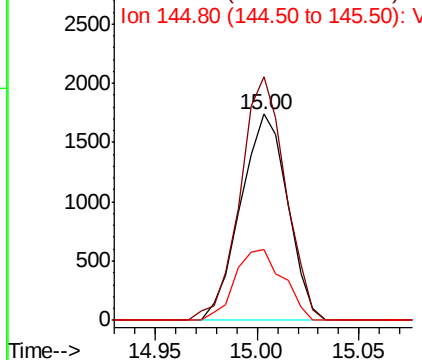


Abundance

Ion 179.80 (179.50 to 180.50): V

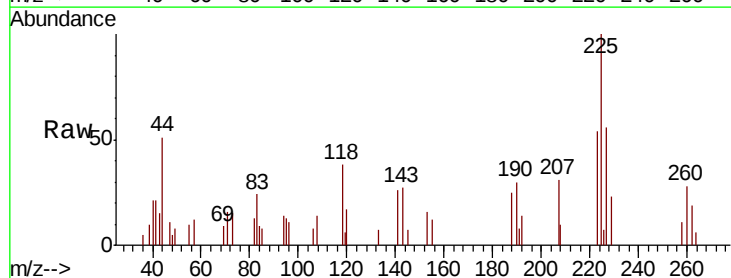
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 39.303 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY001165.D
 Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.2	31.1	93.3
227	63.6	31.3	93.9

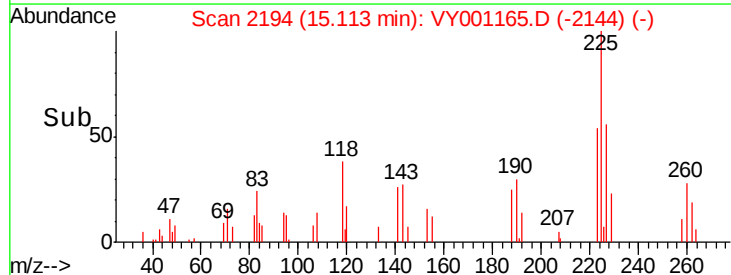
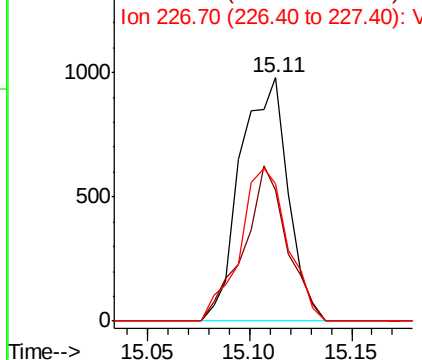


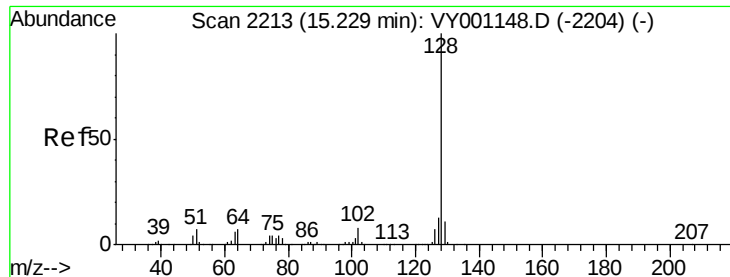
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





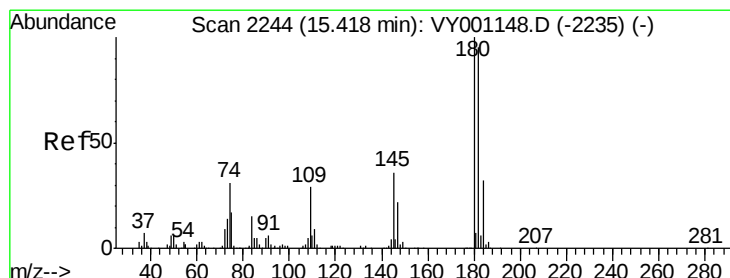
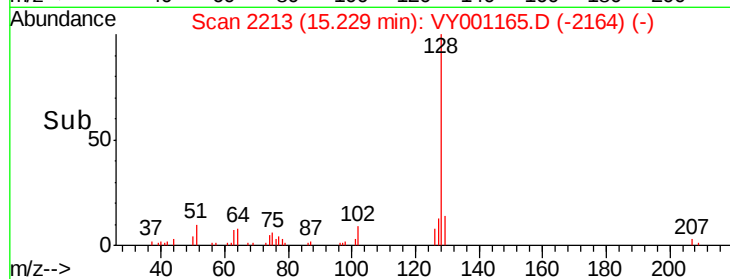
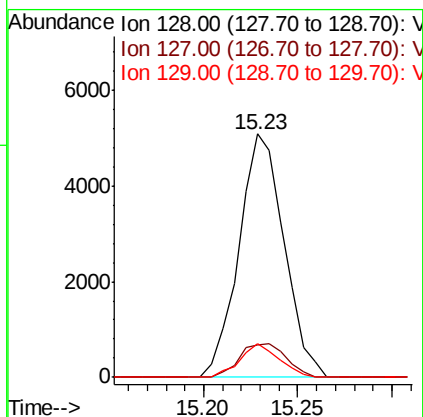
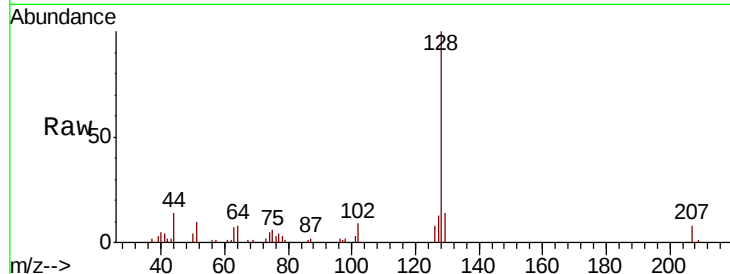
#95
Naphthalene
Concen: 45.411 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.2	15.4
129	11.8	8.5	12.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 39.938 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY001165.D
Acq: 10 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	104.3	47.5	142.5
145	31.9	17.1	51.3

