

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021020\
 Data File : VY001581.D
 Acq On : 10 Feb 2020 13:28
 Operator : SY/MD
 Sample : VY0210SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0210SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 6:11:05 PM

Quant Time: Feb 11 06:08:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	206155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	362620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	325051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	156016	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	108402	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	7.74	113	100112	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
50) Toluene-d8	10.19	98	409188	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.49	95	151043	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	33787	16.743	ug/l	93
3) Chloromethane	2.12	50	44710	21.198	ug/l	98
4) Vinyl Chloride	2.26	62	45816	20.920	ug/l	99
5) Bromomethane	2.66	94	31167	22.629	ug/l	92
6) Chloroethane	2.80	64	29091	22.037	ug/l	97
7) Trichlorofluoromethane	3.14	101	61183	16.878	ug/l	96
8) Diethyl Ether	3.55	74	23501	19.211	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.93	101	38724	17.754	ug/l	98
10) Methyl Iodide	4.11	142	45885	16.510	ug/l	98
11) Tert butyl alcohol	4.99	59	30415	111.581	ug/l	96
12) 1,1-Dichloroethene	3.90	96	38206	17.627	ug/l	92
13) Acrolein	3.75	56	20814	105.900	ug/l	97
14) Allyl chloride	4.51	41	68163	20.558	ug/l	95
15) Acrylonitrile	5.20	53	62631	111.682	ug/l	99
16) Acetone	3.97	43	61892	103.082	ug/l	95
17) Carbon Disulfide	4.22	76	124107	17.987	ug/l	99
18) Methyl Acetate	4.51	43	30387	23.716	ug/l	94
19) Methyl tert-butyl Ether	5.25	73	108377	18.802	ug/l	95
20) Methylene Chloride	4.75	84	51628	19.033	ug/l	# 86
21) trans-1,2-Dichloroethene	5.25	96	44032	18.274	ug/l	96
22) Diisopropyl ether	6.15	45	139561	21.245	ug/l	97
23) Vinyl Acetate	6.09	43	456561	109.177	ug/l	94
24) 1,1-Dichloroethane	6.05	63	75266	19.049	ug/l	98
25) 2-Butanone	7.02	43	90760	116.517	ug/l	92
26) 2,2-Dichloropropane	7.01	77	65093	17.213	ug/l	100
27) cis-1,2-Dichloroethene	7.01	96	48200	18.315	ug/l	96
28) Bromochloromethane	7.36	49	29885	22.202	ug/l	88
29) Tetrahydrofuran	7.38	42	57137	122.382	ug/l	94
30) Chloroform	7.54	83	72505	18.116	ug/l	97
31) Cyclohexane	7.81	56	77782	19.244	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	62336	17.178	ug/l	97
36) 1,1-Dichloropropene	7.94	75	59412	17.910	ug/l	99
37) Ethyl Acetate	7.10	43	37290	23.221	ug/l	97
38) Carbon Tetrachloride	7.93	117	52820	16.457	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	80133	18.346	ug/l	99
40) Benzene	8.18	78	176683	18.673	ug/l	98
41) Methacrylonitrile	7.35	41	20739m	27.865	ug/l	
42) 1,2-Dichloroethane	8.26	62	48484	18.392	ug/l	99
43) Isopropyl Acetate	8.30	43	70588	22.200	ug/l	96
44) Trichloroethene	8.96	130	45281	17.754	ug/l	95
45) 1,2-Dichloropropane	9.24	63	45297	19.825	ug/l	97
46) Dibromomethane	9.32	93	23501	18.317	ug/l	98
47) Bromodichloromethane	9.51	83	56226	17.986	ug/l	96
48) Methyl methacrylate	9.31	41	31079	21.536	ug/l	94
49) 1,4-Dioxane	9.32	88	6830	403.096	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	182478	116.536	ug/l	96
52) Toluene	10.26	92	110842	18.462	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	62729	18.424	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	71518	18.296	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	35667	19.376	ug/l	98
56) Ethyl methacrylate	10.52	69	51743	19.763	ug/l	92
57) 1,3-Dichloropropane	10.80	76	63063	19.435	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	93923	97.515	ug/l	96
59) 2-Hexanone	10.85	43	135387	118.916	ug/l	94
60) Dibromochloromethane	11.00	129	38501	17.744	ug/l	98
61) 1,2-Dibromoethane	11.10	107	34658	19.116	ug/l	95
64) Tetrachloroethene	10.74	164	37533	17.607	ug/l	95
65) Chlorobenzene	11.53	112	115802	18.144	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	39602	17.729	ug/l	98
67) Ethyl Benzene	11.60	91	218185	18.489	ug/l	99
68) m/p-Xylenes	11.71	106	161462	36.447	ug/l	98
69) o-Xylene	12.04	106	76703	18.363	ug/l	100
70) Styrene	12.05	104	133205	18.441	ug/l	98
71) Bromoform	12.22	173	22749	18.290	ug/l #	97
73) Isopropylbenzene	12.34	105	204187	17.160	ug/l	100
74) N-amyl acetate	12.16	43	66905	21.638	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.60	83	45155	19.974	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	29272m	17.447	ug/l	
77) Bromobenzene	12.62	156	44992	17.472	ug/l	95
78) n-propylbenzene	12.68	91	250737	17.602	ug/l	99
79) 2-Chlorotoluene	12.77	91	141019	17.367	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	173139	17.278	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	16094	18.561	ug/l	98
82) 4-Chlorotoluene	12.86	91	148961	17.497	ug/l	100
83) tert-Butylbenzene	13.08	119	144540	17.064	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	173604	17.504	ug/l	98
85) sec-Butylbenzene	13.26	105	211228	17.736	ug/l	100
86) p-Isopropyltoluene	13.38	119	189157	18.024	ug/l	98
87) 1,3-Dichlorobenzene	13.38	146	89262	18.088	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	90190	18.242	ug/l	99
89) n-Butylbenzene	13.70	91	187979	18.154	ug/l	99
90) Hexachloroethane	13.97	117	34139	16.948	ug/l	96
91) 1,2-Dichlorobenzene	13.75	146	80298	17.955	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	7813	18.720	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	54727	18.159	ug/l	99
94) Hexachlorobutadiene	15.12	225	27045	17.681	ug/l	97
95) Naphthalene	15.25	128	128964	18.208	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	48394	18.191	ug/l	99

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

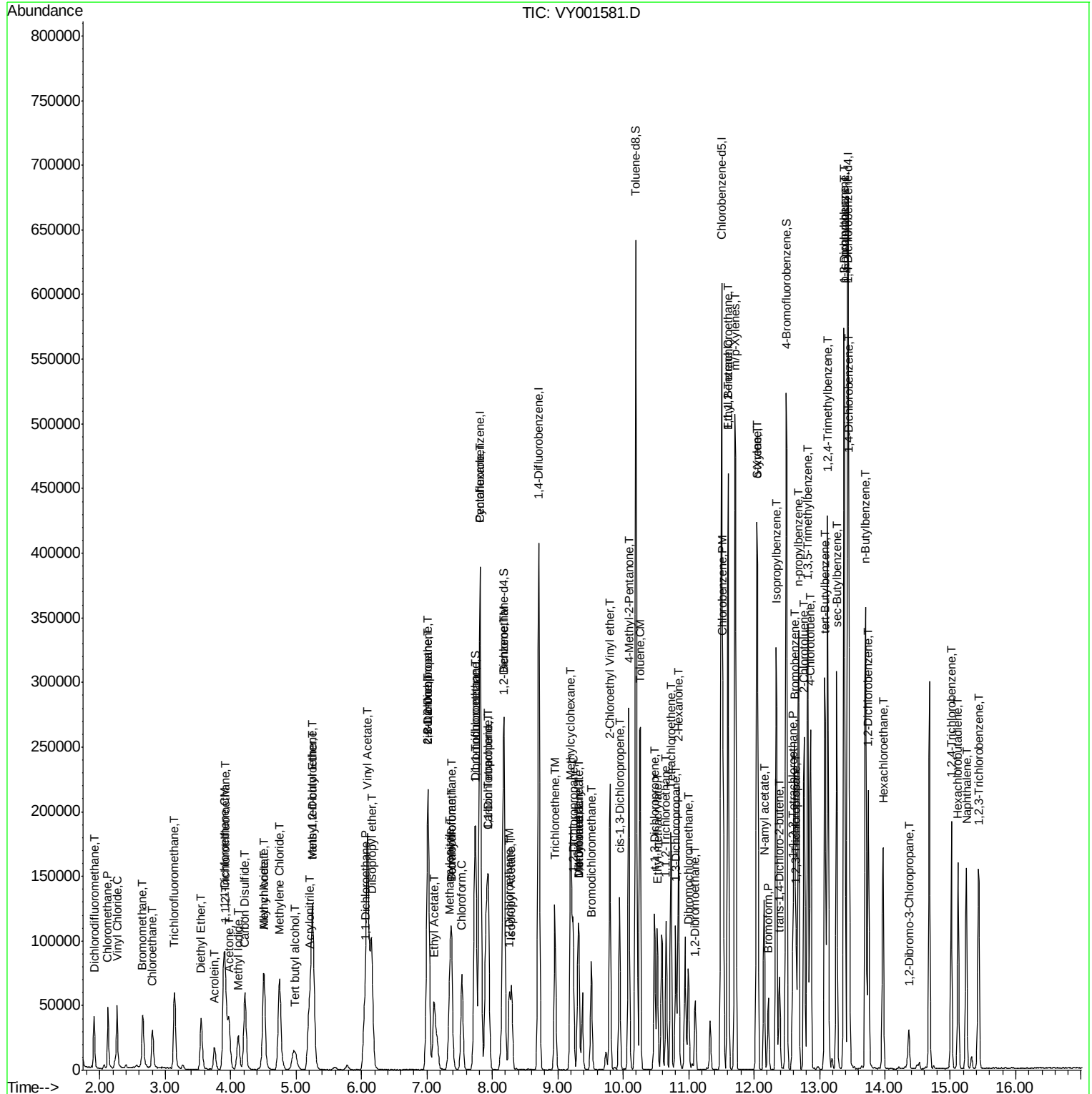
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Data File : VY001581.D
Acq On : 10 Feb 2020 13:28
Operator : SY/MD
Sample : VY0210SBSD01
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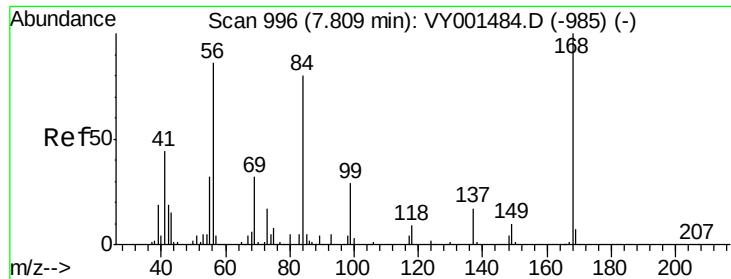
Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBSD01

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0210SBSD01

Tot Ion:168 Resp: 206155

Ion Ratio Lower Upper

168 100

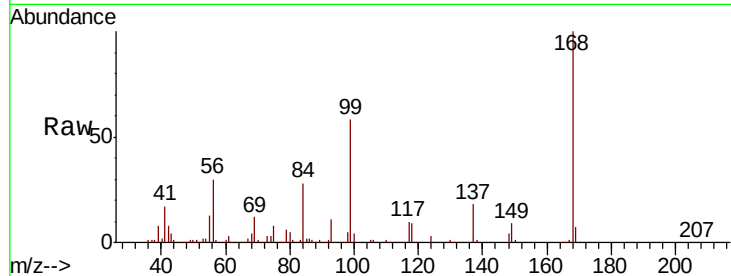
99 57.5 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

7.82

100000

80000

60000

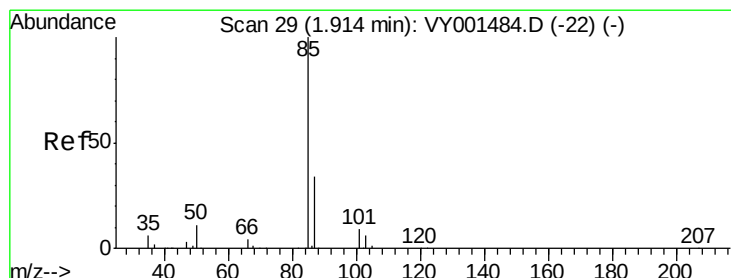
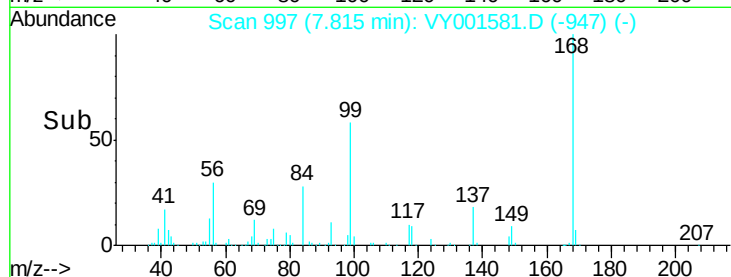
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 16.743 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001581.D

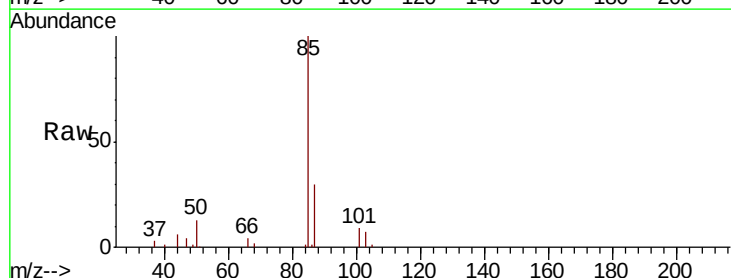
Acq: 10 Feb 2020 13:28

Tgt Ion: 85 Resp: 33787

Ion Ratio Lower Upper

85 100

87 30.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001484.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001484.D (-22) (-)

1.91

25000

20000

15000

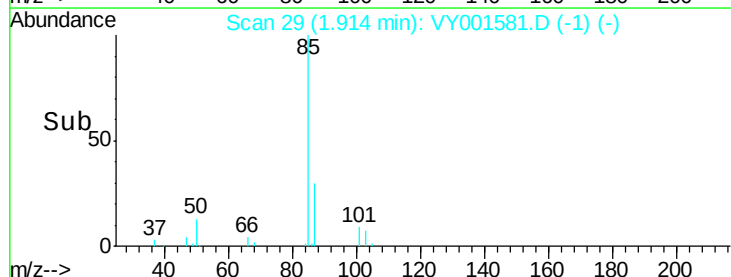
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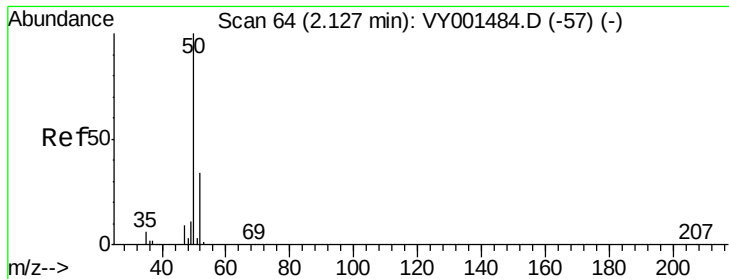
5000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.198 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0210SBSD01

Tot Ion: 50 Resp: 44710

Ion Ratio Lower Upper

50 100

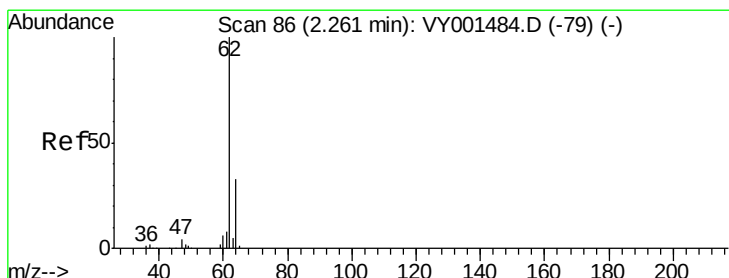
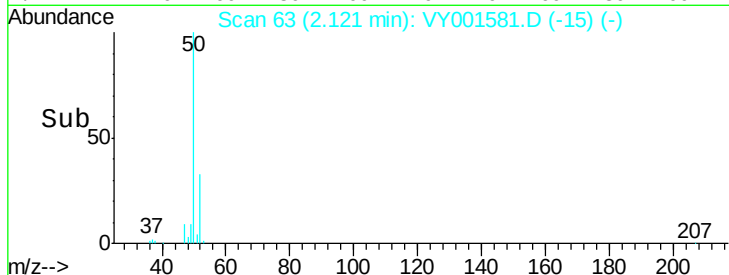
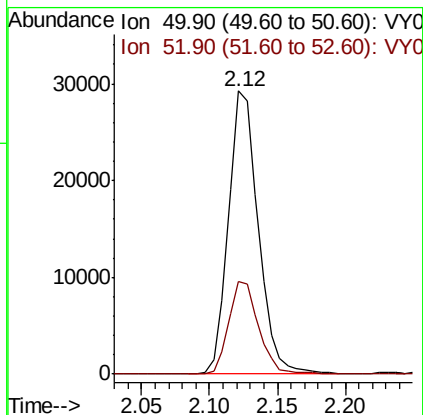
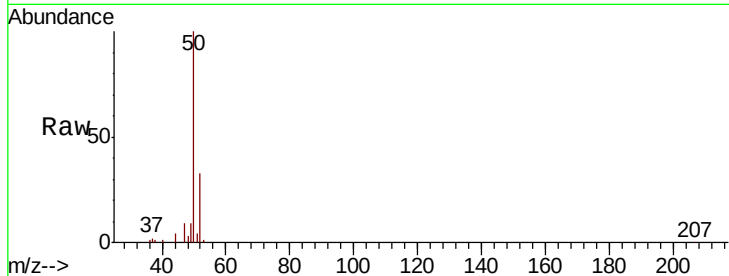
52 32.8 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.920 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001581.D

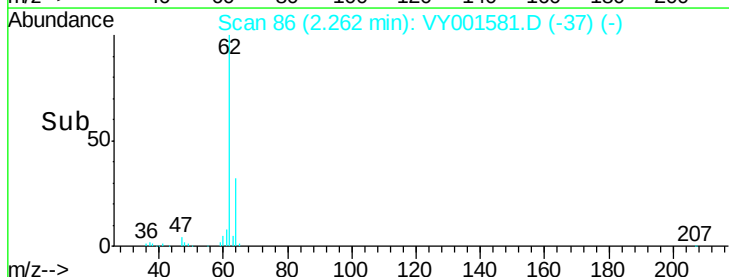
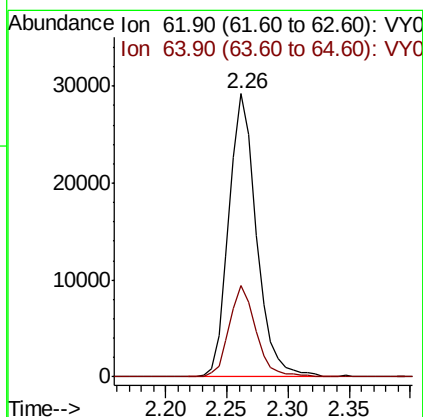
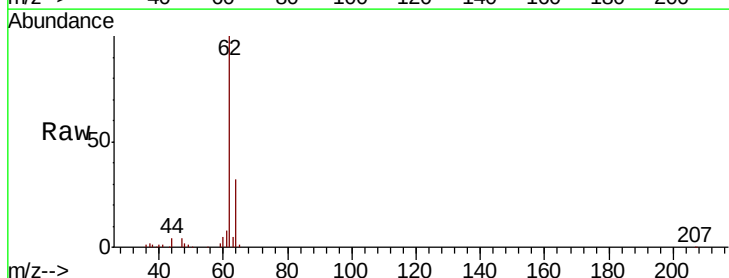
Acq: 10 Feb 2020 13:28

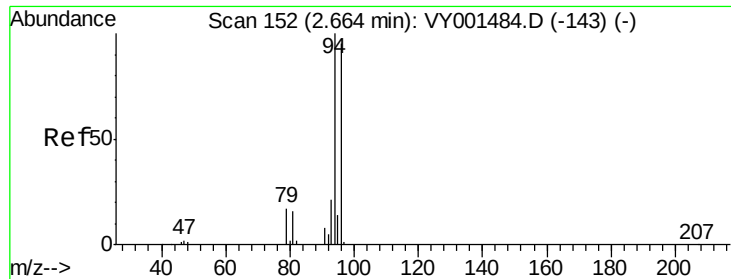
Tgt Ion: 62 Resp: 45816

Ion Ratio Lower Upper

62 100

64 32.4 26.4 39.6





#5

Bromomethane

Concen: 22.629 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0210SBSD01

Tot Ion: 94 Resp: 31167

Ion Ratio Lower Upper

94 100

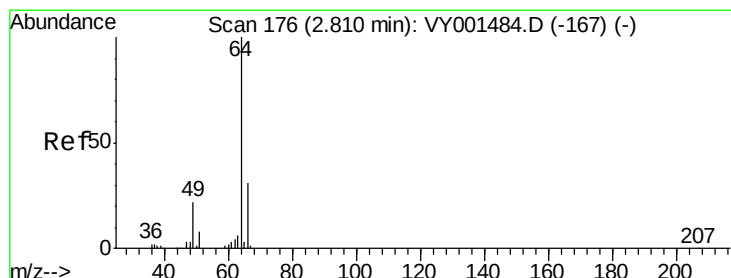
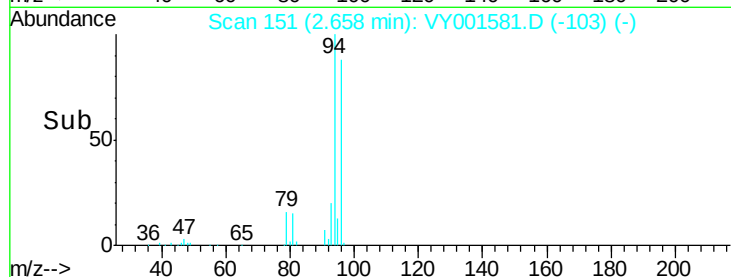
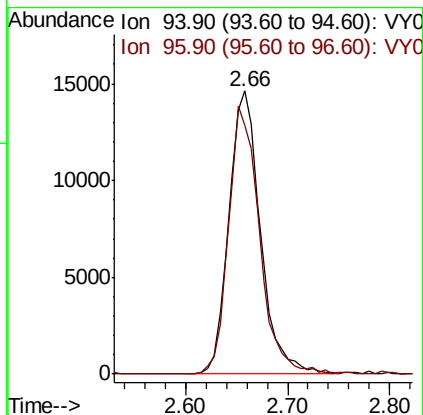
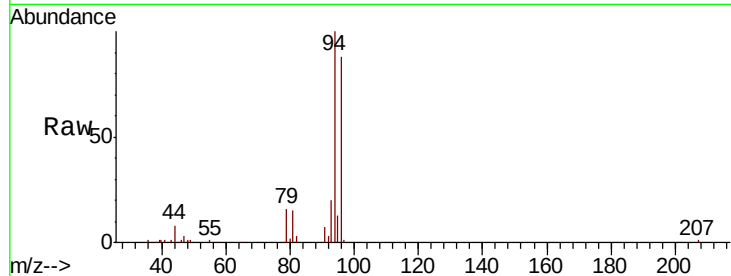
96 87.8 76.2 114.2

Manual Integrations

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#6

Chloroethane

Concen: 22.037 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001581.D

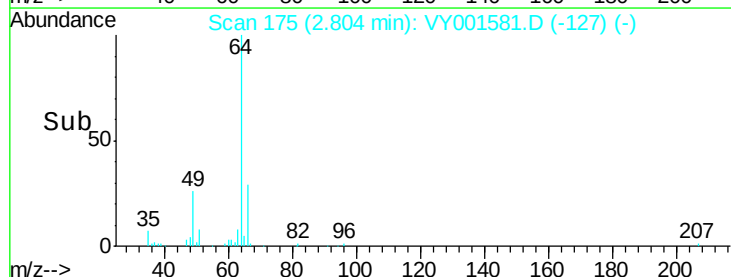
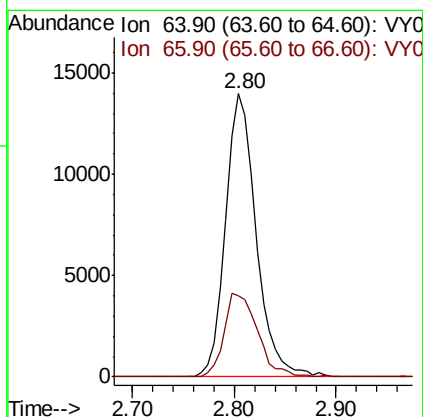
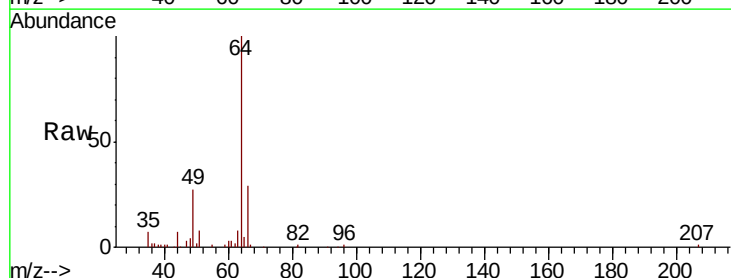
Acq: 10 Feb 2020 13:28

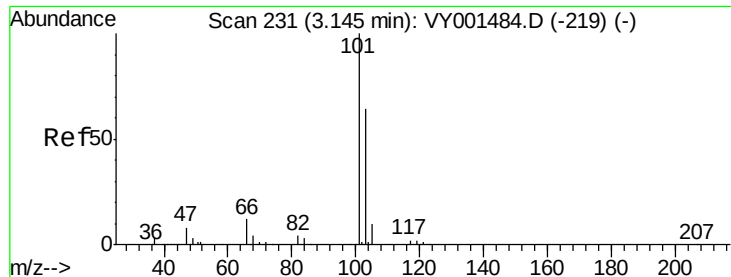
Tgt Ion: 64 Resp: 29091

Ion Ratio Lower Upper

64 100

66 28.8 24.5 36.7





#7

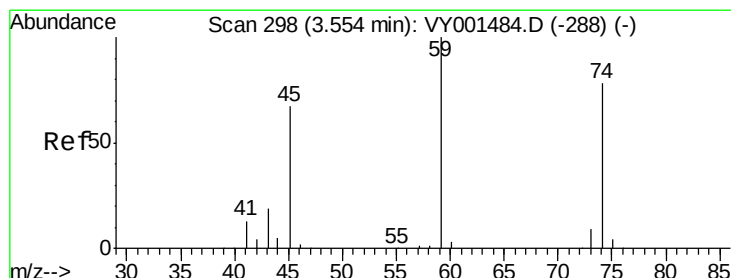
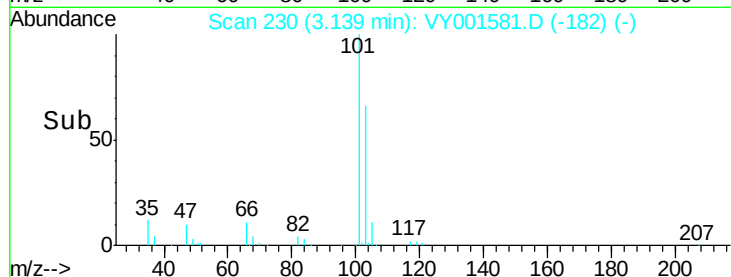
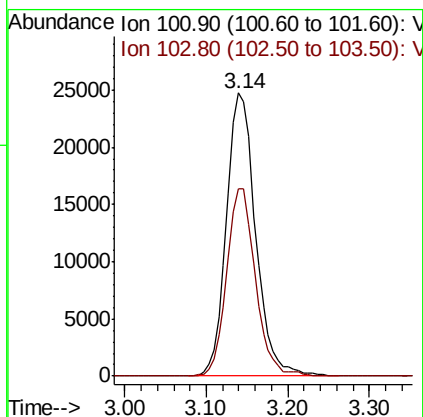
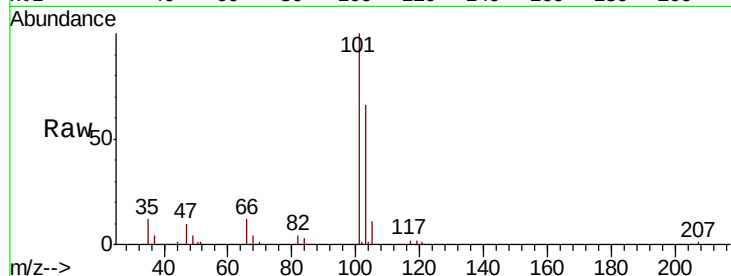
Trichlorofluoromethane
 Concen: 16.878 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	50.9	76.3

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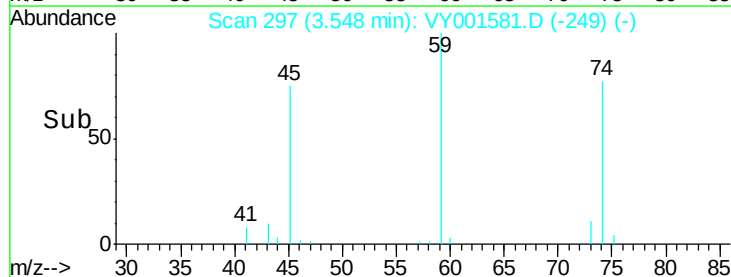
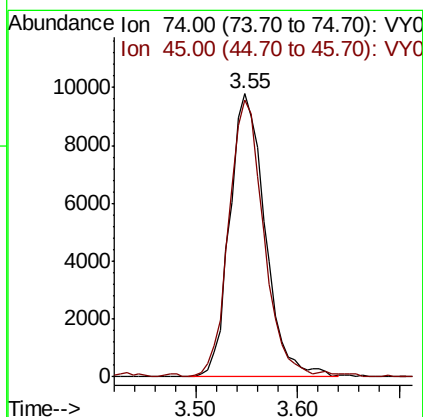
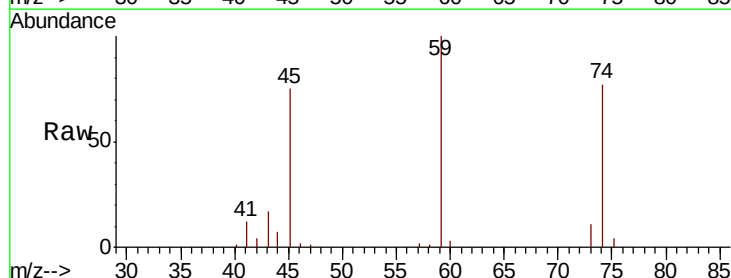
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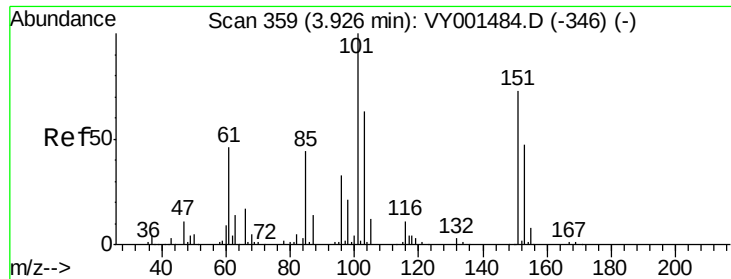


#8

Diethyl Ether
 Concen: 19.211 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.754 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.00 min

Lab File: VY001581.D

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Instrument :

MSVOA_Y

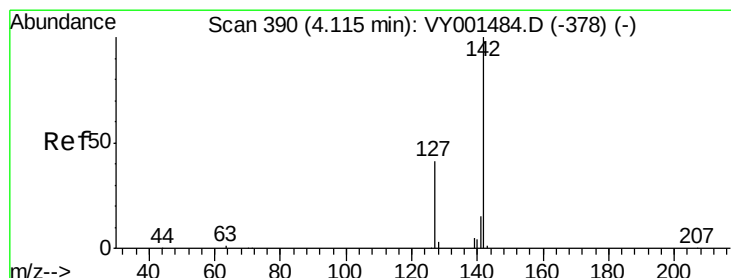
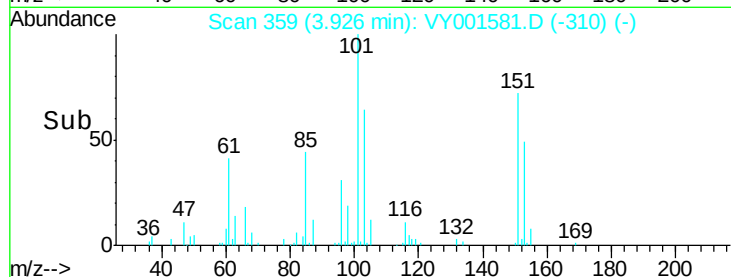
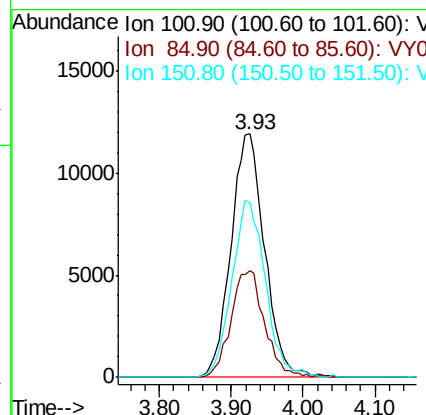
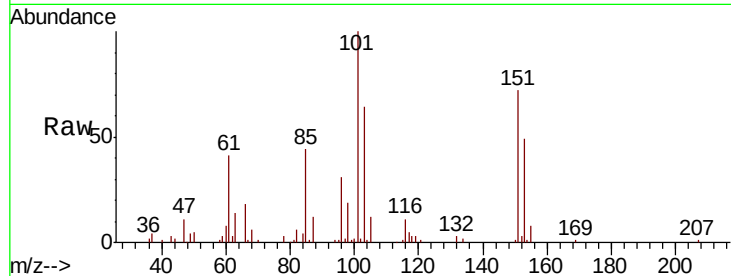
ClientSampleId :

VY0210SBS01

Tot Ion:	101	Resp:	38724
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.6	51.8
151	72.6	60.3	90.5

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 16.510 ug/l

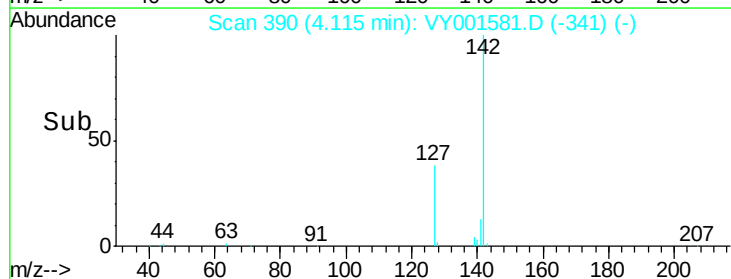
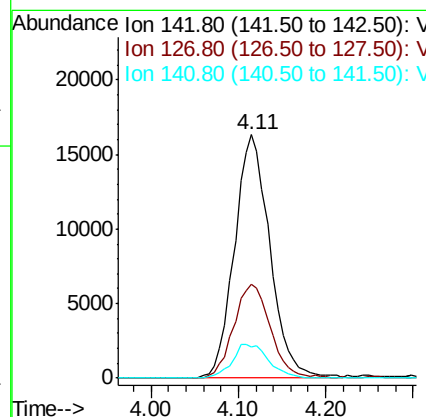
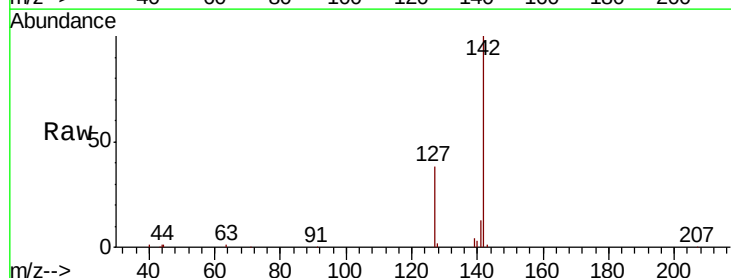
RT: 4.11 min Scan# 390

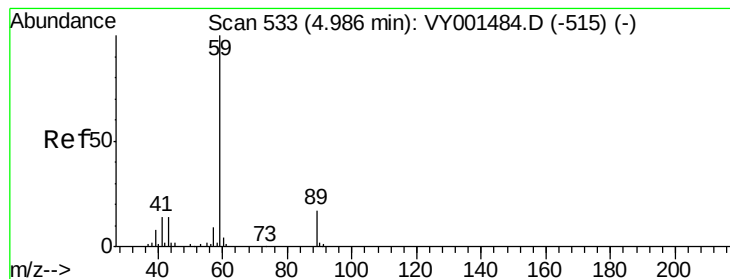
Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Tgt Ion:	142	Resp:	45885
Ion Ratio	Lower	Upper	
142	100		
127	40.2	33.3	49.9
141	14.3	11.5	17.3





#11

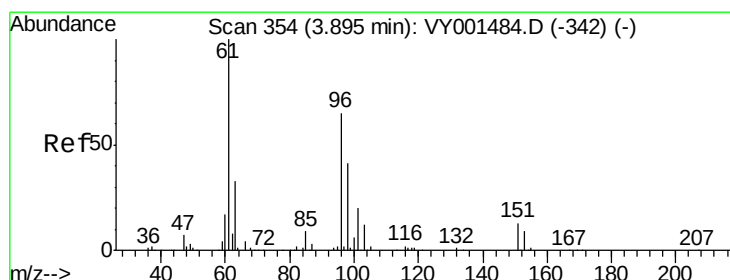
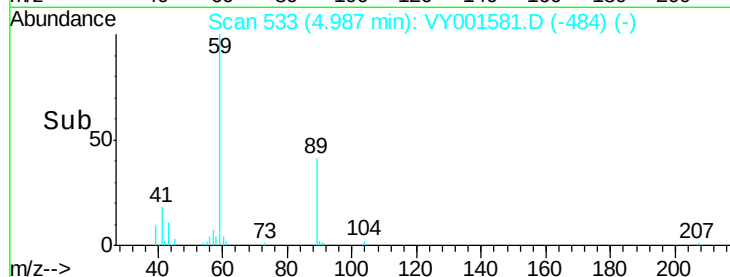
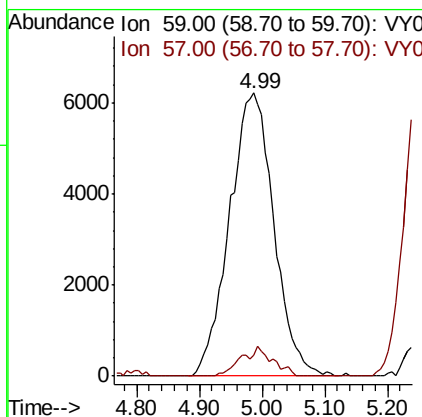
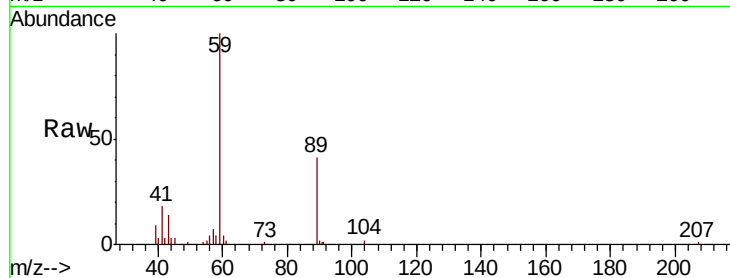
Tert butyl alcohol
 Concen: 111.581 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0210SBS01

Tot Ion	59	57	Ratio	100	7.4	Resp	30415	Lower	7.0	Upper	10.6
Ion	59	57	Ratio	100	7.4	Resp	30415	Lower	7.0	Upper	10.6

Manual Integrations
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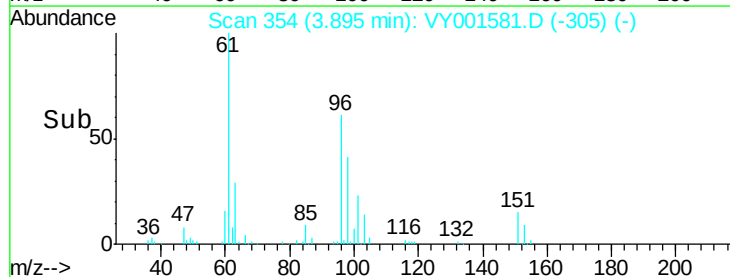
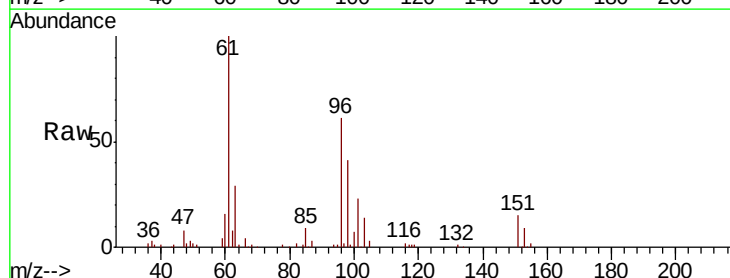
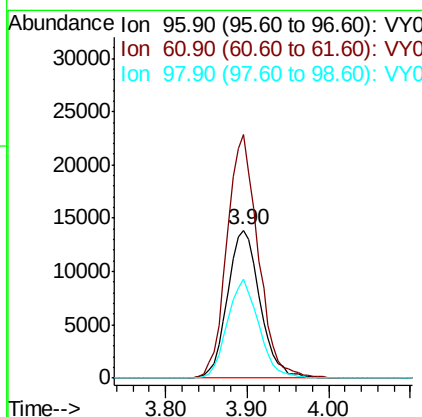
MMDadoda
 2/11/2020 6:11:05 PM

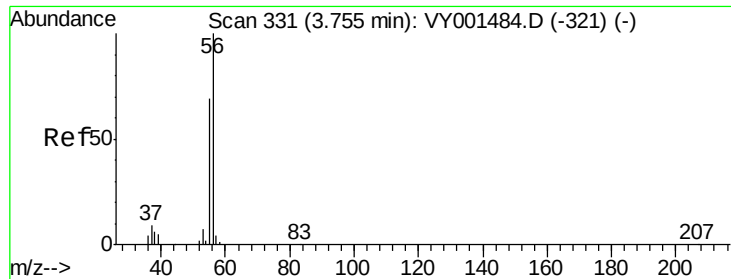


#12

1,1-Dichloroethene
 Concen: 17.627 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion	96	61	98	Ratio	100	164.3	67.0	Resp	38206	Lower	122.3	49.7	Upper	183.5	74.5
Ion	96	61	98	Ratio	100	164.3	67.0	Resp	38206	Lower	122.3	49.7	Upper	183.5	74.5





#13

Acrolein

Concen: 105.900 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0210SBSD01

Tot Ion: 56 Resp: 20814

Ion Ratio Lower Upper

56 100

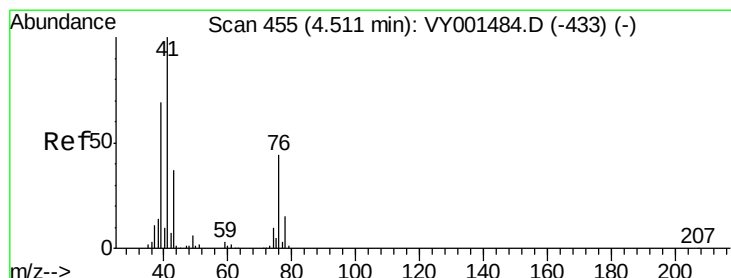
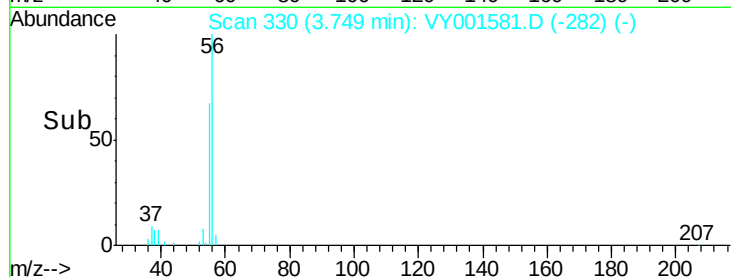
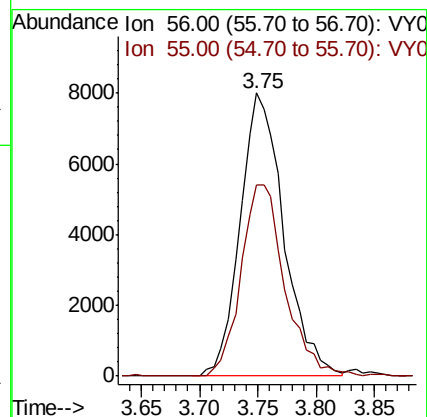
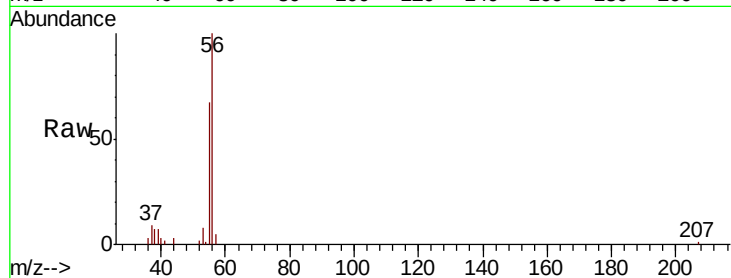
55 67.9 56.2 84.4

Manual Integrations

APPROVED

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#14

Allyl chloride

Concen: 20.558 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

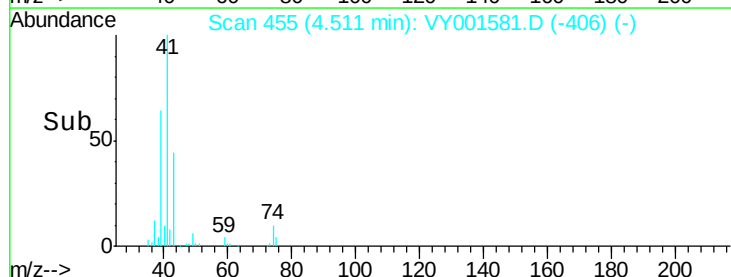
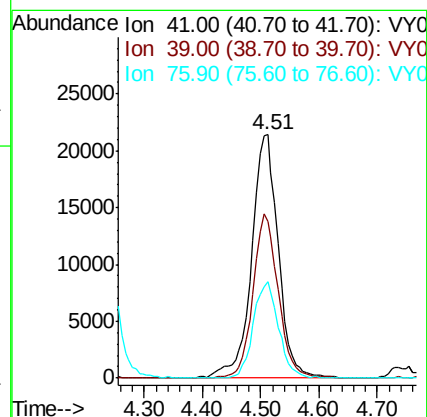
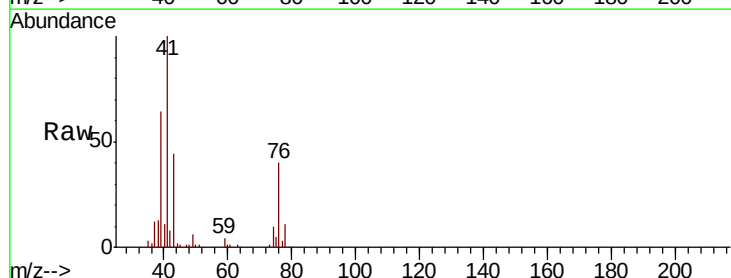
Tgt Ion: 41 Resp: 68163

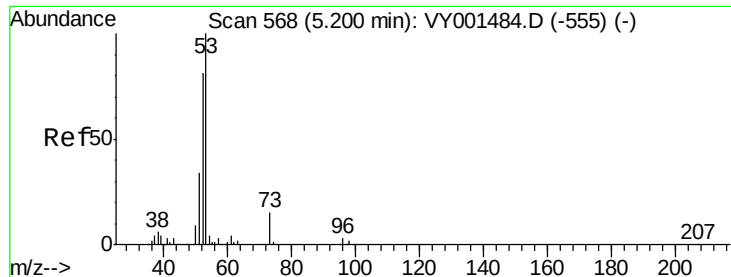
Ion Ratio Lower Upper

41 100

39 63.4 53.0 79.6

76 37.0 32.6 48.8





#15

Acrylonitrile

Concen: 111.682 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

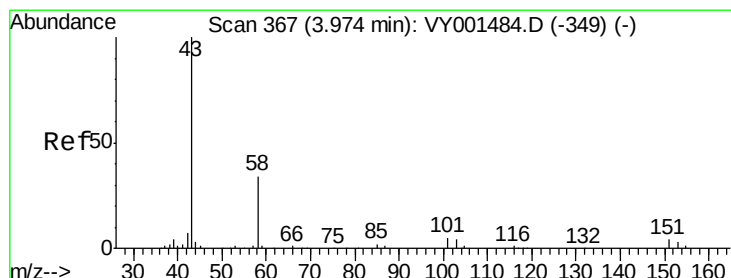
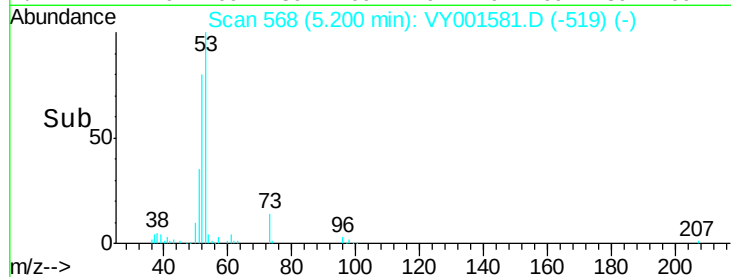
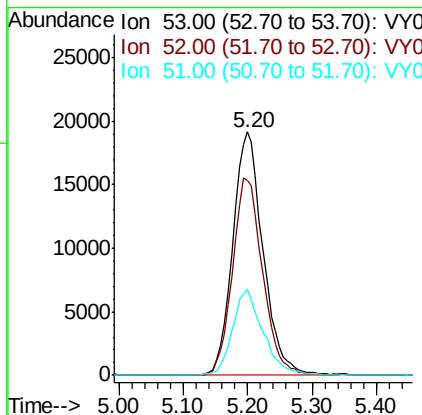
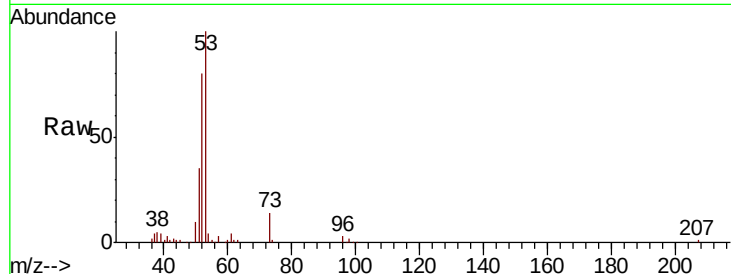
ClientSampleId :

VY0210SBS01

Tot Ion:	53	Resp:	62631
Ion Ratio		Lower	Upper
53	100		
52	80.9	65.4	98.2
51	35.8	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 103.082 ug/l

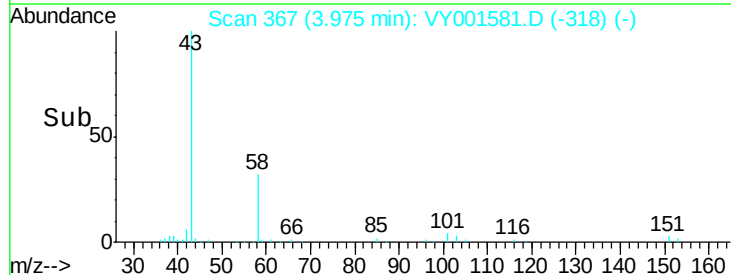
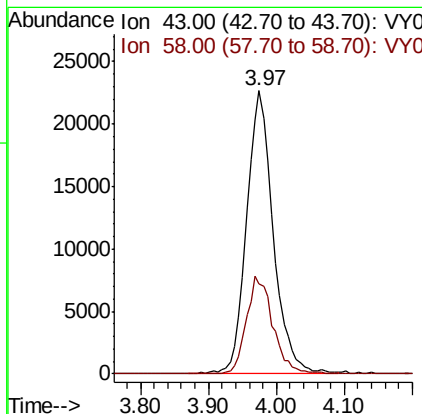
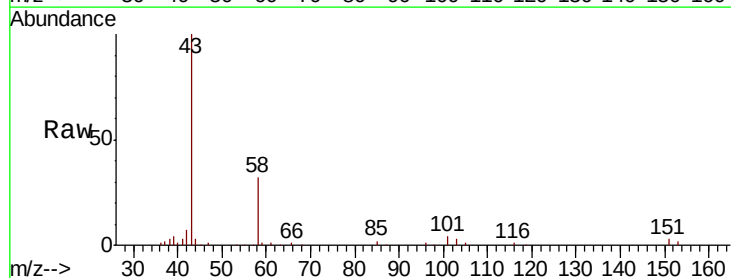
RT: 3.97 min Scan# 367

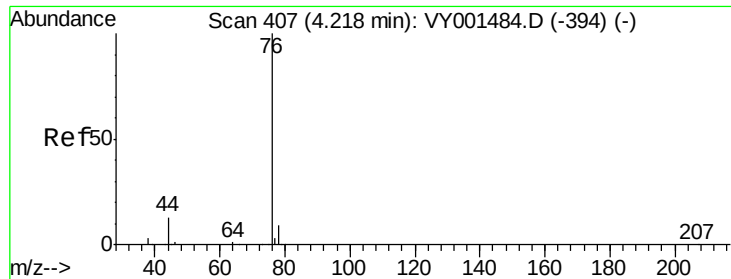
Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Tgt Ion:	43	Resp:	61892
Ion Ratio		Lower	Upper
43	100		
58	31.6	27.5	41.3





#17

Carbon Disulfide

Concen: 17.987 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0210SBSD01

Tot Ion: 76 Resp: 124107

Ion Ratio Lower Upper

76 100

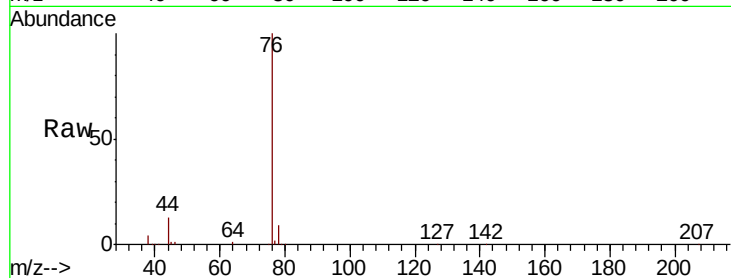
78 8.5 7.0 10.6

Manual Integrations

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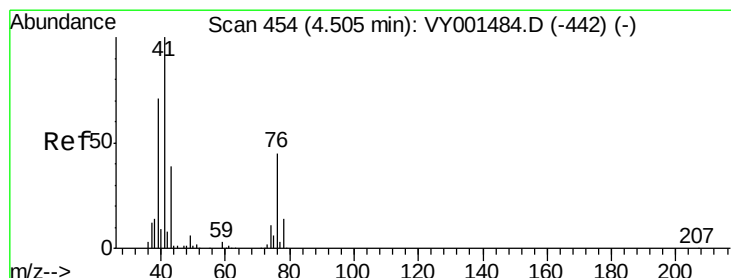
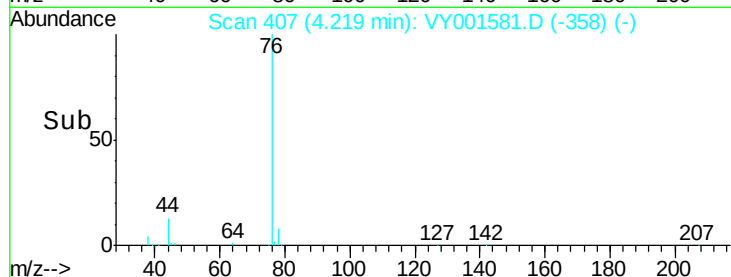
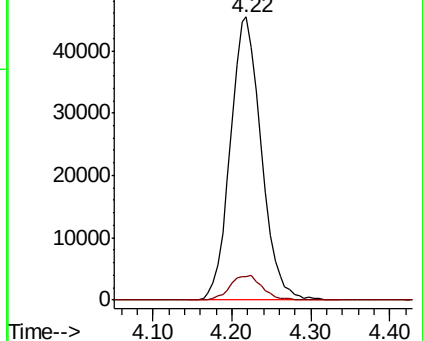
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 23.716 ug/l

RT: 4.51 min Scan# 454

Delta R.T. 0.00 min

Lab File: VY001581.D

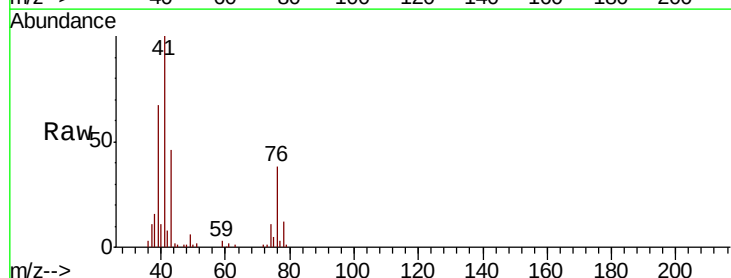
Acq: 10 Feb 2020 13:28

Tgt Ion: 43 Resp: 30387

Ion Ratio Lower Upper

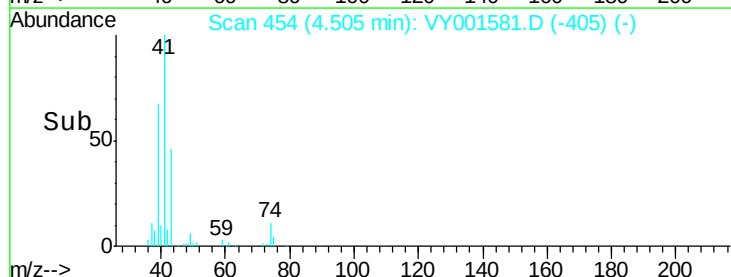
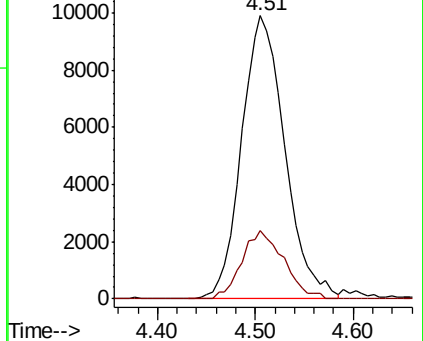
43 100

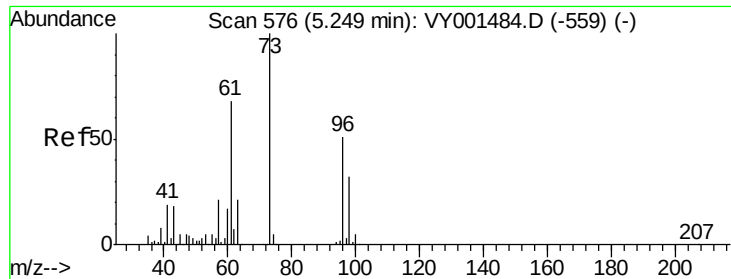
74 23.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





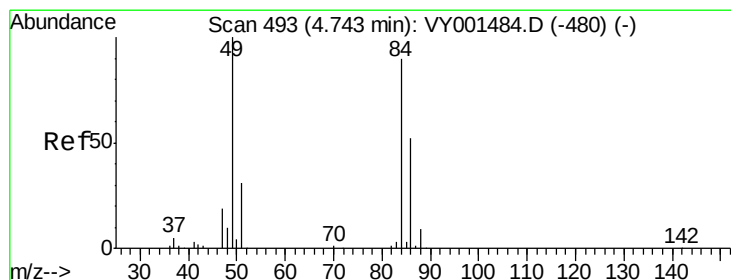
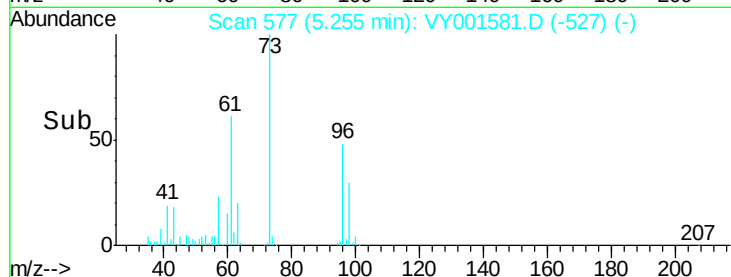
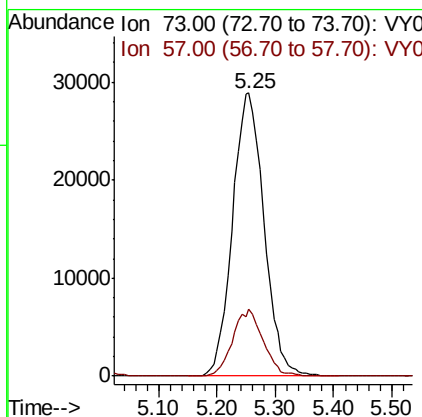
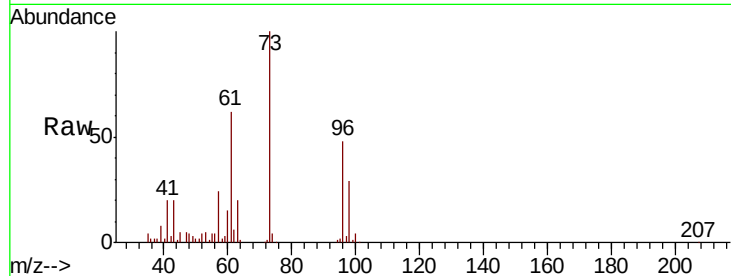
#19
Methyl tert-butyl Ether
Concen: 18.802 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBS01

Tot Ion: 73 Resp: 108377
Ion Ratio Lower Upper
73 100
57 23.7 17.0 25.6

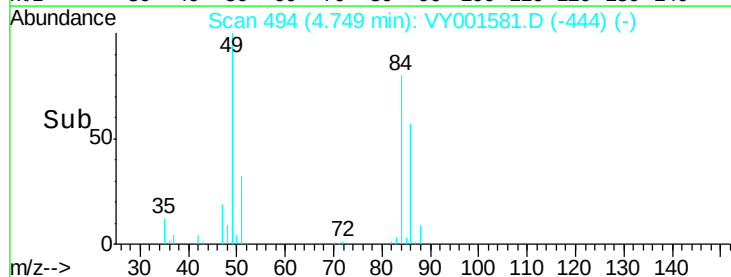
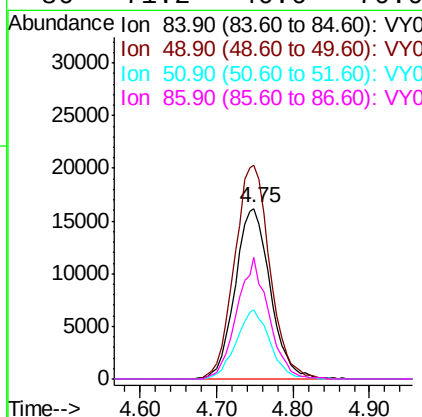
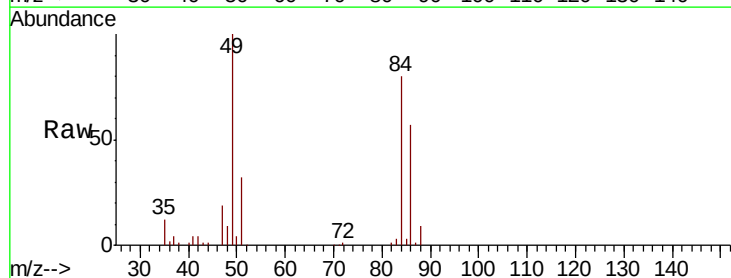
Manual Integrations
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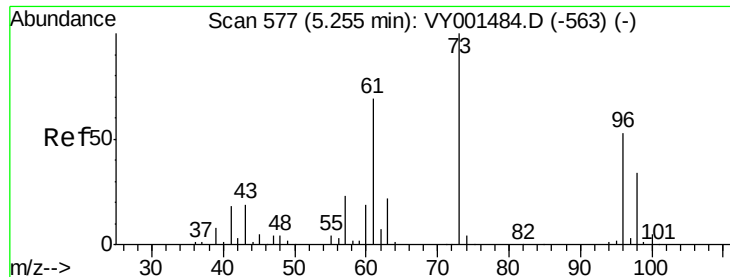
MMDadoda
2/11/2020 6:11:05 PM



#20
Methylene Chloride
Concen: 19.033 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion: 84 Resp: 51628
Ion Ratio Lower Upper
84 100
49 125.3 89.0 133.6
51 40.6 27.4 41.2
86 71.2 46.6 70.0#





#21

trans-1,2-Dichloroethene

Concen: 18.274 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0210SBS01

Tot Ion: 96 Resp: 44032

Ion Ratio Lower Upper

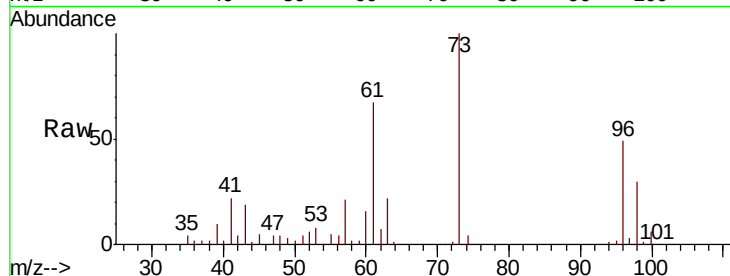
96 100

61 136.2 104.2 156.4

98 61.8 51.4 77.0

Manual Integrations
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2/11/2020 6:11:05 PM

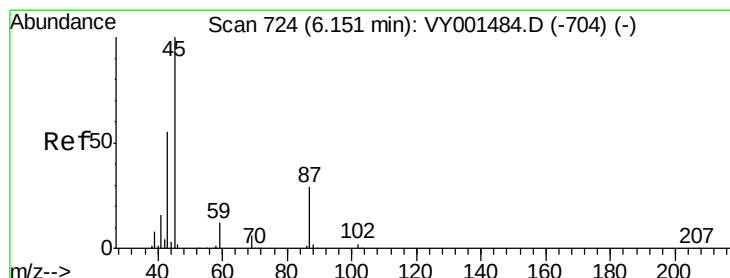
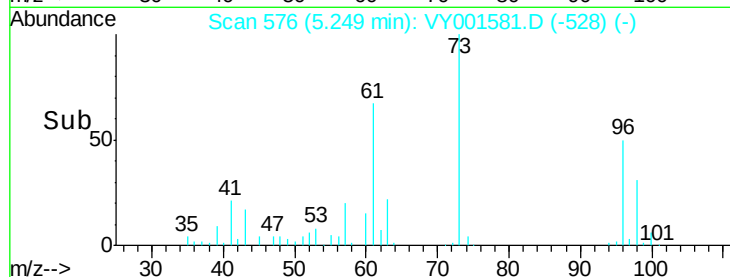
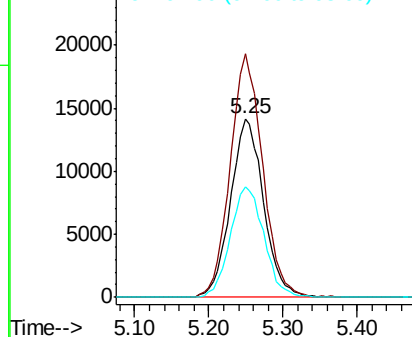


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.245 ug/l

RT: 6.15 min Scan# 724

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Tgt Ion: 45 Resp: 139561

Ion Ratio Lower Upper

45 100

43 56.8 44.2 66.4

87 27.4 23.9 35.9

59 11.2 10.2 15.2

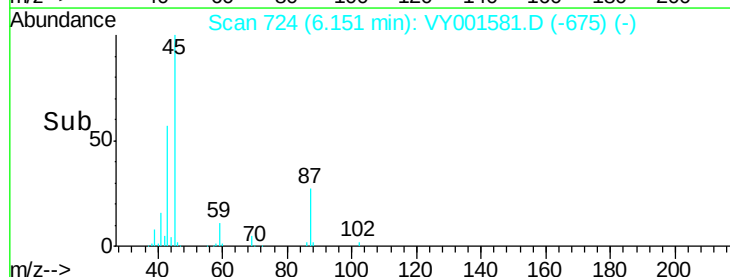
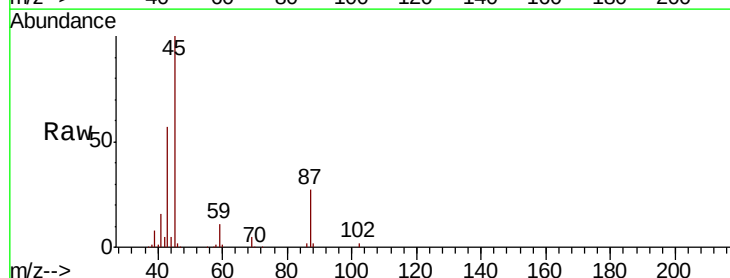
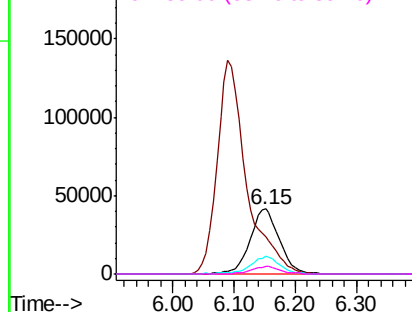
Abundance

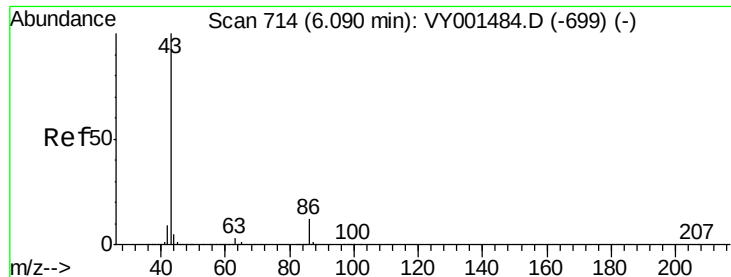
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 109.177 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0210SBSD01

Tot Ion: 43 Resp: 456561

Ion Ratio Lower Upper

43 100

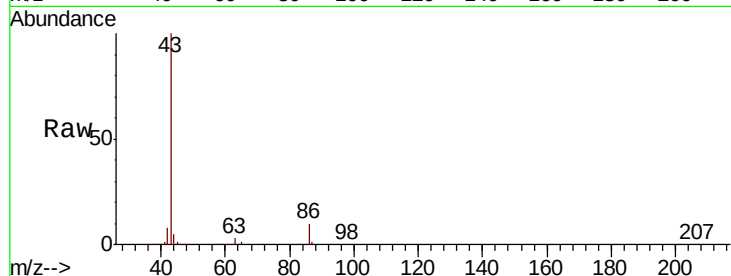
86 9.9 9.8 14.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.09

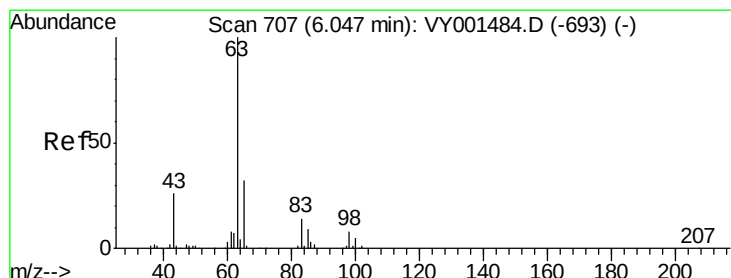
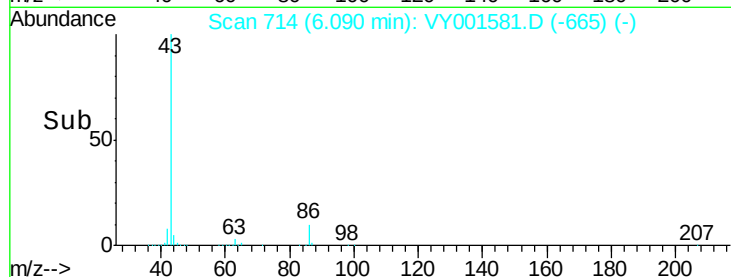
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.049 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

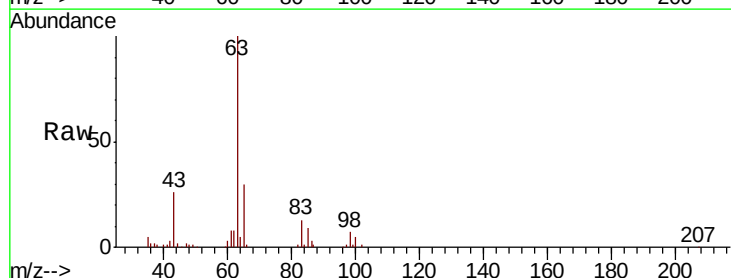
Tgt Ion: 63 Resp: 75266

Ion Ratio Lower Upper

63 100

98 6.9 4.0 11.9

100 5.3 2.6 8.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.05

30000

25000

20000

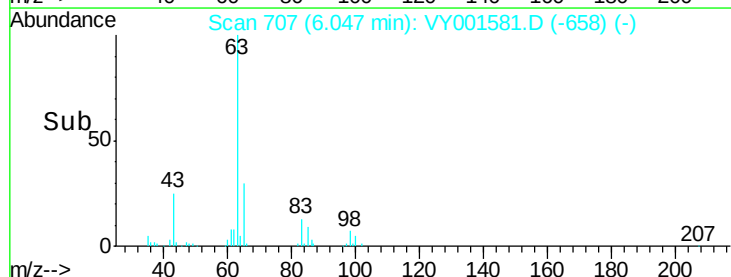
15000

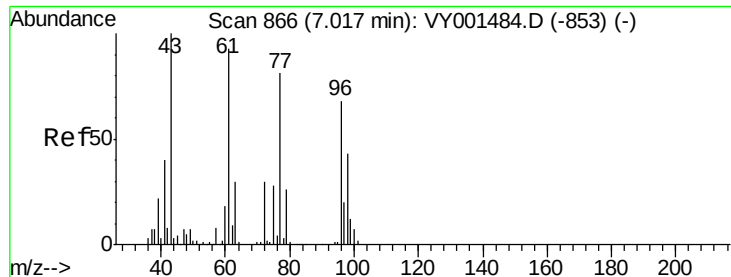
10000

5000

0

Time-->





#25

2-Butanone

Concen: 116.517 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0210SBSD01

Tot Ion: 43 Resp: 90760

Ion Ratio Lower Upper

43 100

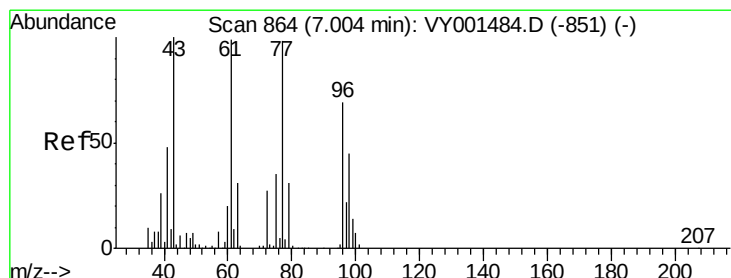
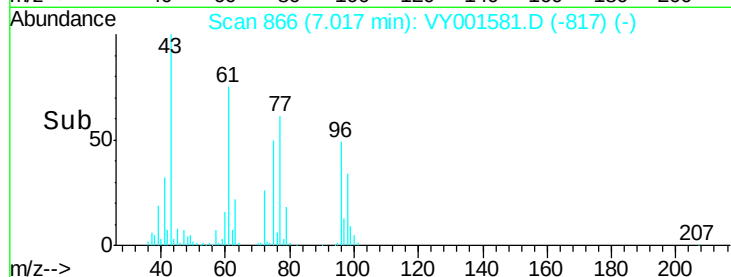
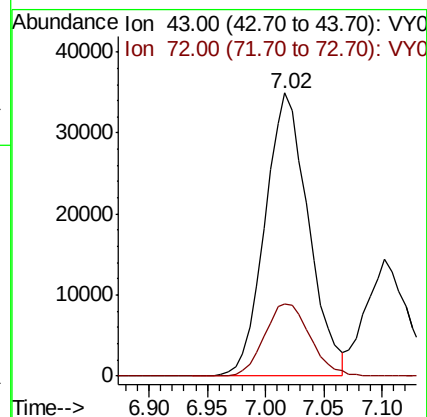
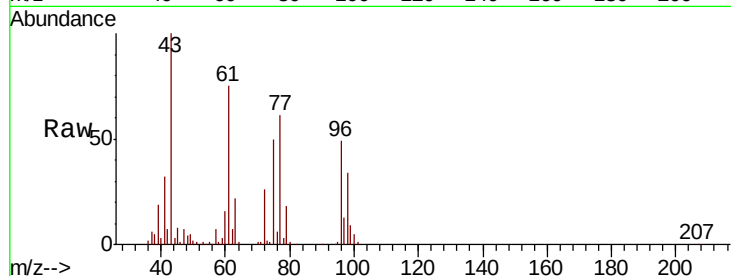
72 25.7 23.8 35.8

Manual Integrations

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2/11/2020 6:11:05 PM



#26

2,2-Dichloropropane

Concen: 17.213 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY001581.D

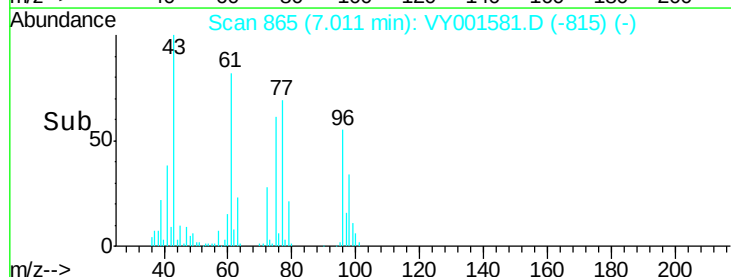
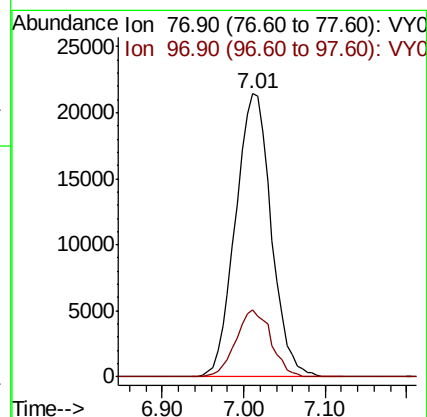
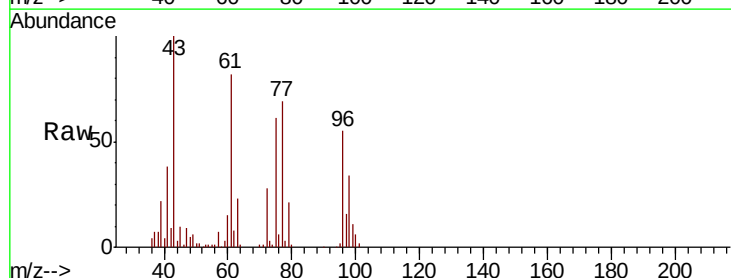
Acq: 10 Feb 2020 13:28

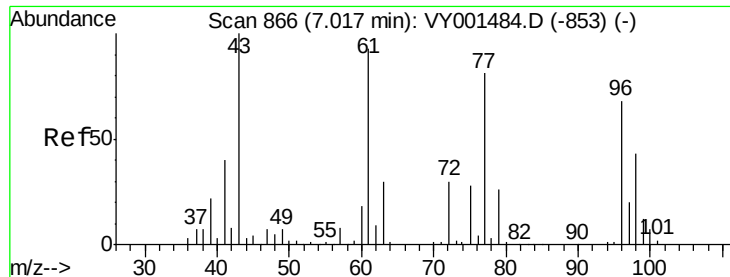
Tgt Ion: 77 Resp: 65093

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0





#27

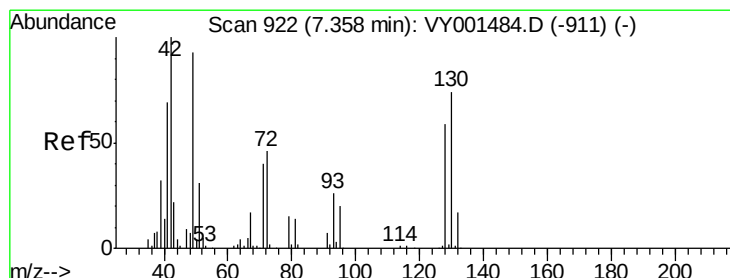
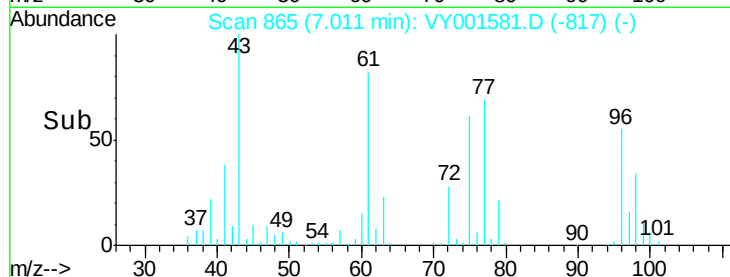
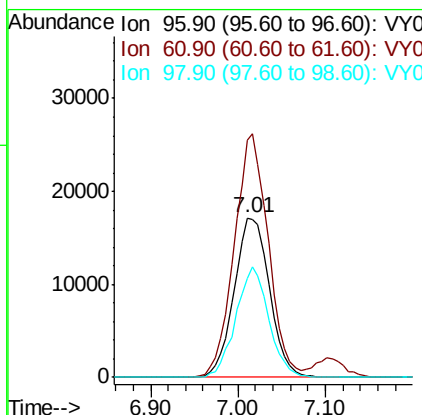
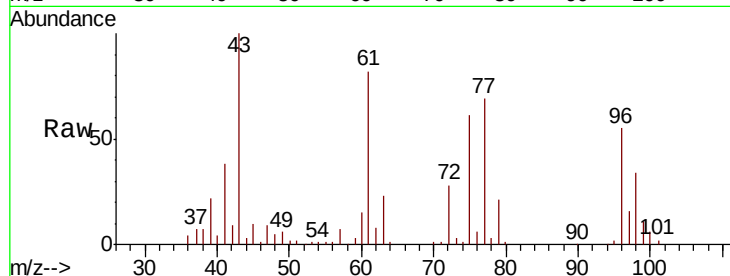
cis-1,2-Dichloroethene
Concen: 18.315 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	48200		
61	146.5	0.0	278.8	
98	64.1	0.0	128.8	

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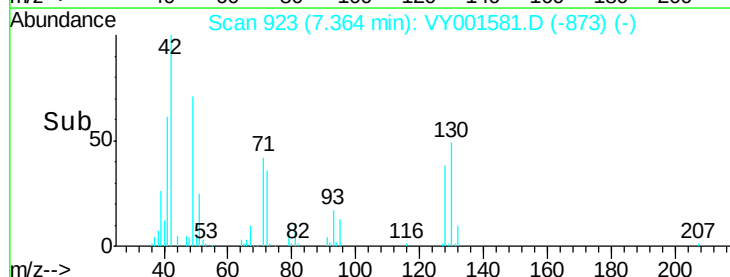
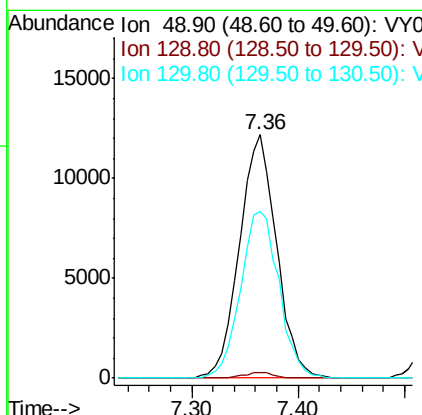
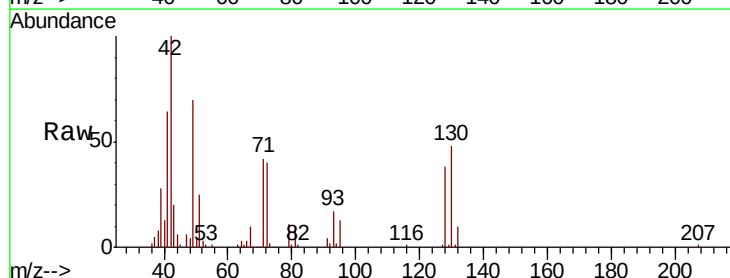
MMDadoda
2/11/2020 6:11:05 PM

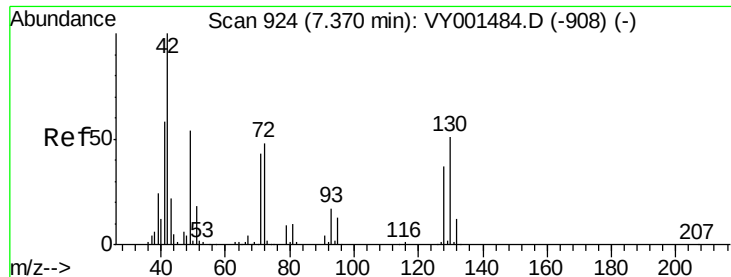


#28

Bromochloromethane
Concen: 22.202 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	29885		
129	1.8	0.0	4.8	
130	70.6	65.4	98.2	





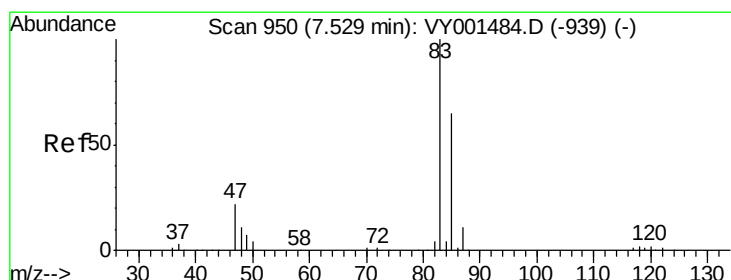
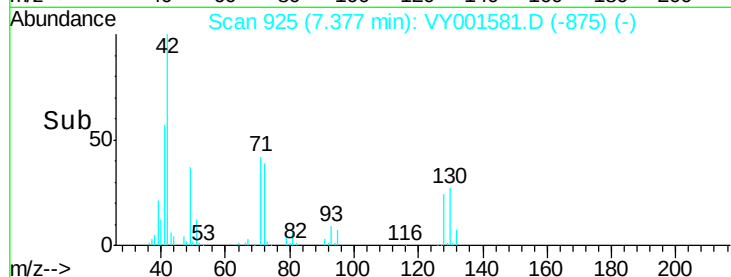
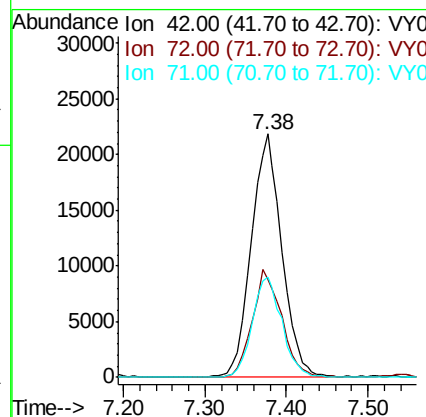
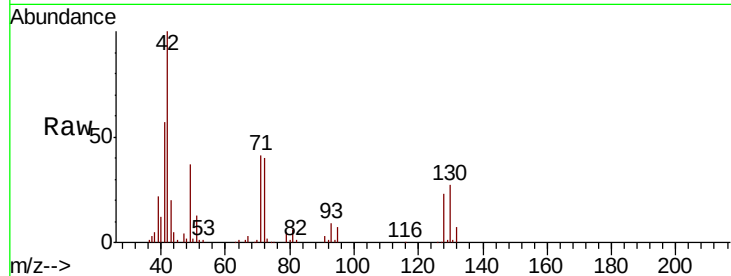
#29
Tetrahydrofuran
Concen: 122.382 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBS01

Tot Ion:	42	Resp:	57137
Ion	Ratio	Lower	Upper
42	100		
72	42.3	37.8	56.6
71	40.1	34.8	52.2

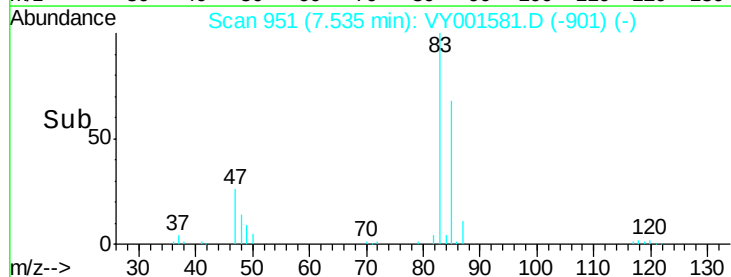
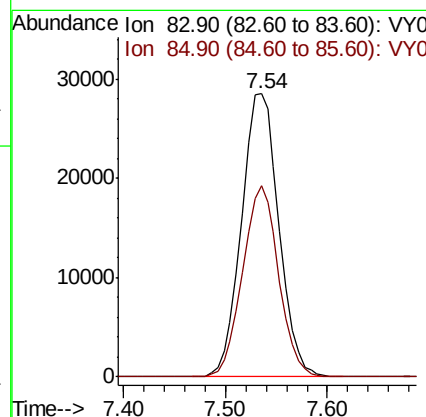
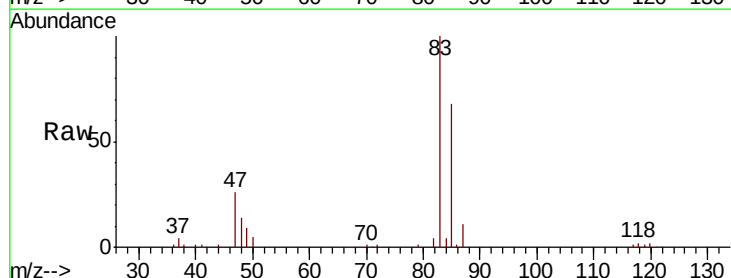
Manual Integrations
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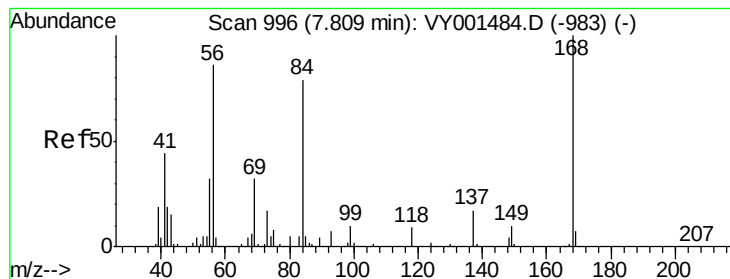
MMDadoda
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#30
Chloroform
Concen: 18.116 ug/l
RT: 7.54 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion:	83	Resp:	72505
Ion	Ratio	Lower	Upper
83	100		
85	67.8	52.4	78.6





#31

Cyclohexane

Concen: 19.244 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

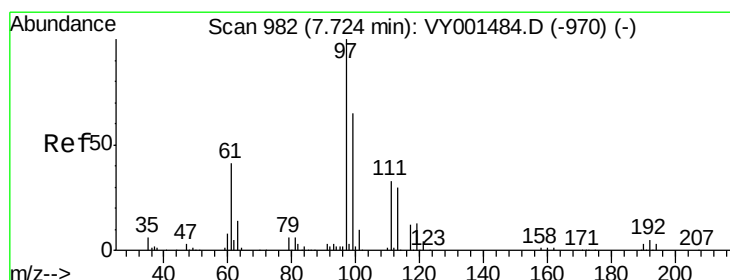
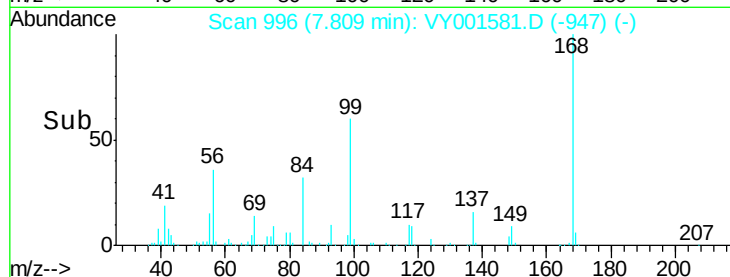
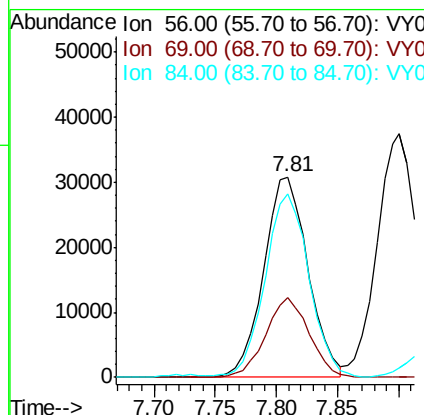
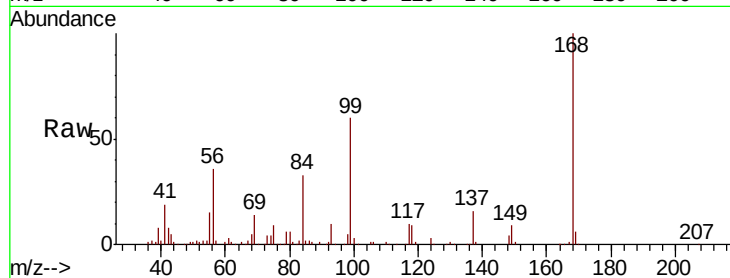
ClientSampleId :

VY0210SBSD01

Tot Ion	56	Resp	77782
Ion Ratio	Lower	Upper	
56	100		
69	39.6	29.6	44.4
84	90.5	73.6	110.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.178 ug/l

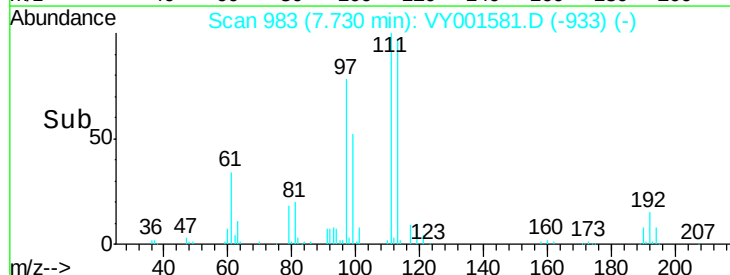
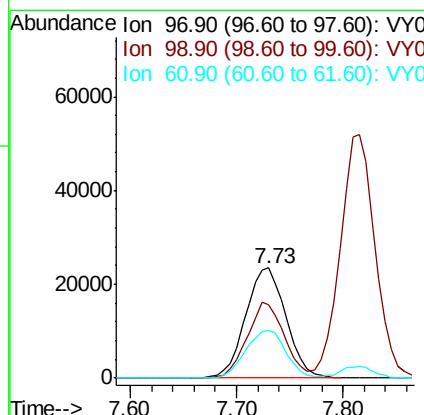
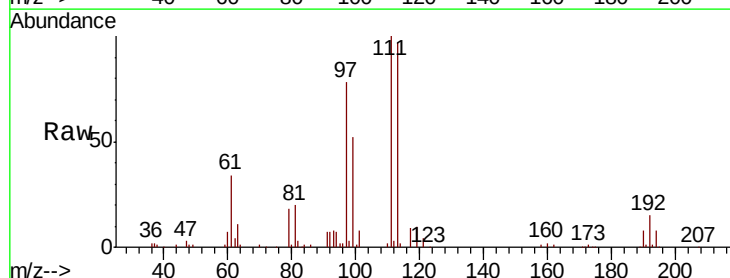
RT: 7.73 min Scan# 983

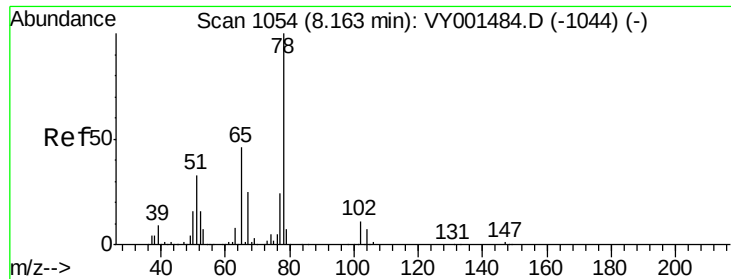
Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Tgt Ion	97	Resp	62336
Ion Ratio	Lower	Upper	
97	100		
99	63.4	51.8	77.8
61	43.2	32.5	48.7





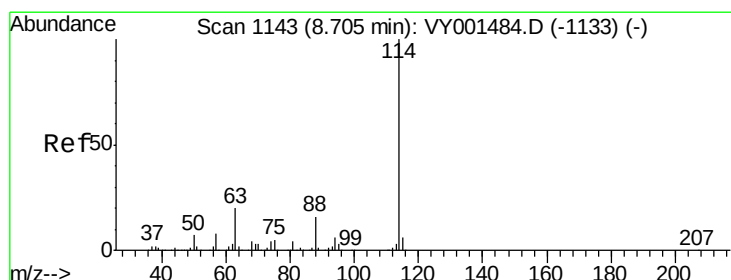
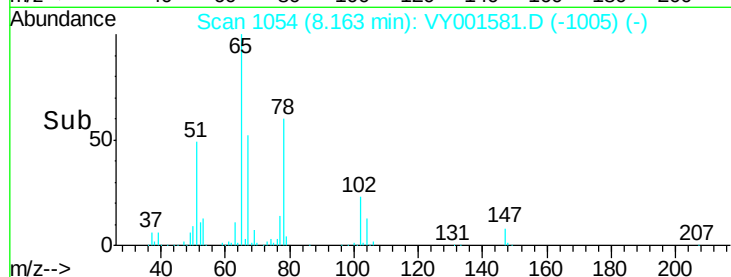
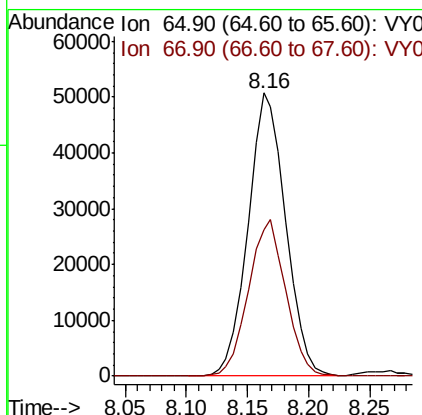
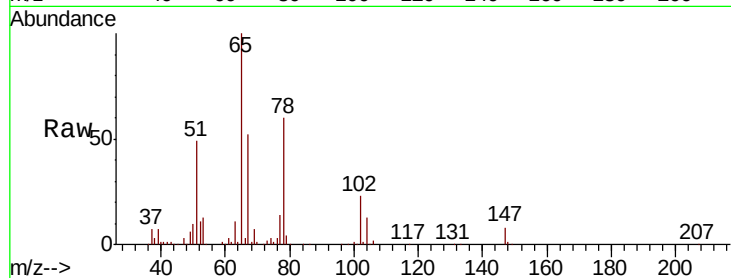
#33
 1,2-Dichloroethane-d4
 Concen: 52.225 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0210SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.8	0.0	108.6	

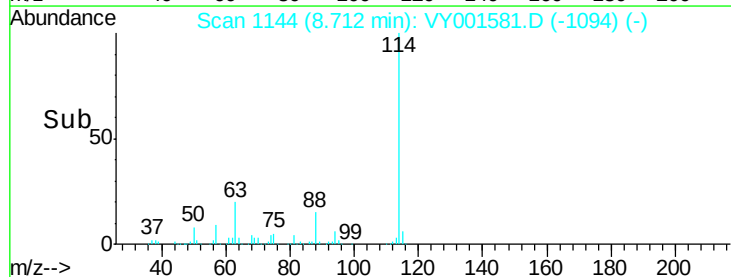
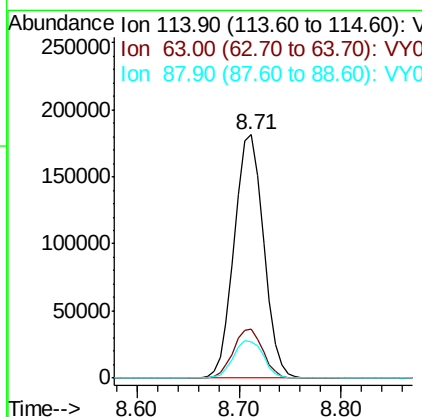
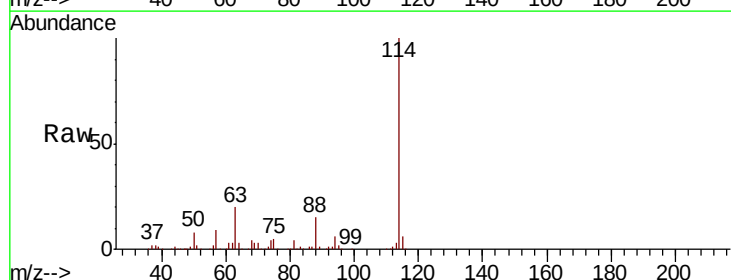
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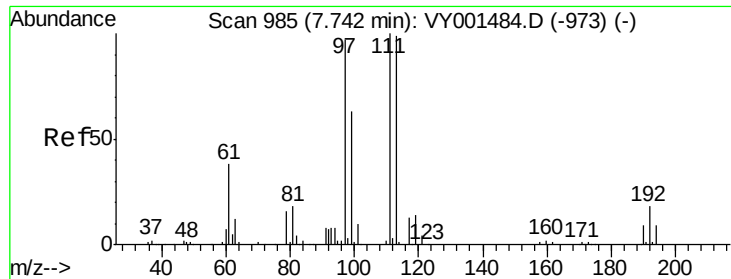
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 2/11/2020 6:11:05 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.0	0.0	39.8	
88	14.9	0.0	32.6	





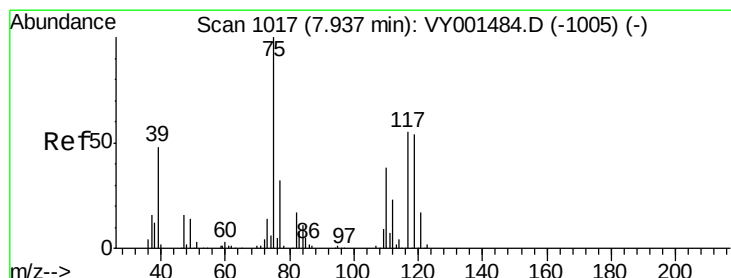
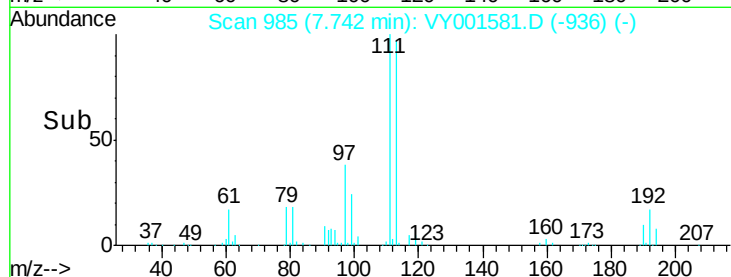
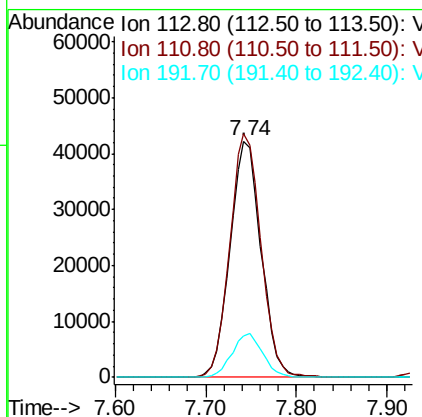
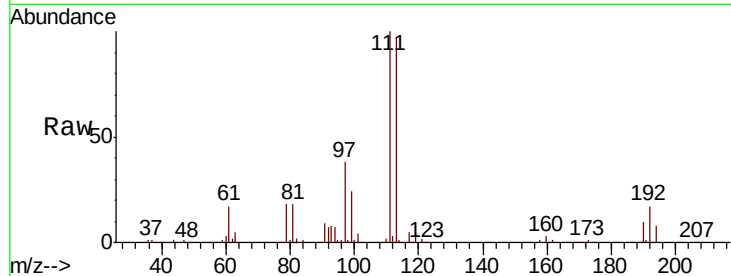
#35
 Dibromofluoromethane
 Concen: 47.877 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0210SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	100112		
111	103.5	82.9	124.3	
192	18.4	14.6	22.0	

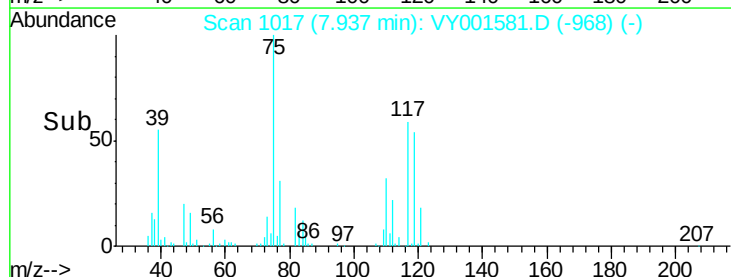
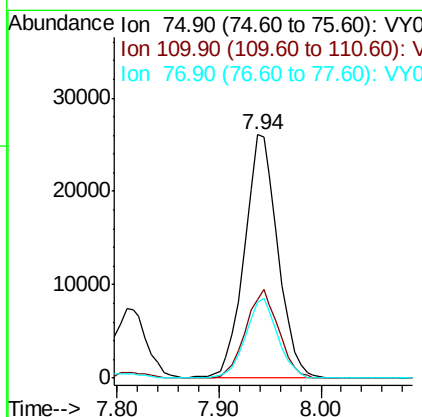
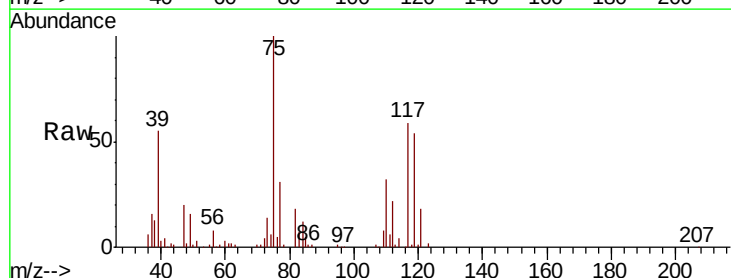
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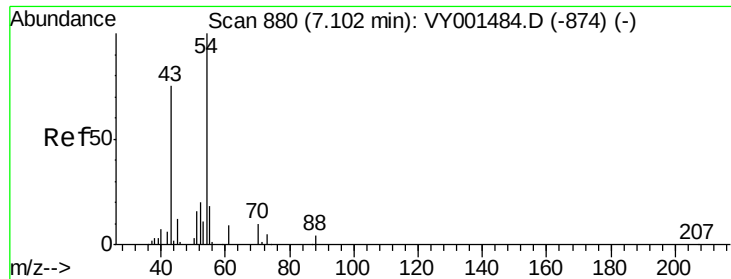
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#36
 1,1-Dichloropropene
 Concen: 17.910 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	59412		
110	35.9	18.2	54.6	
77	31.6	25.0	37.4	





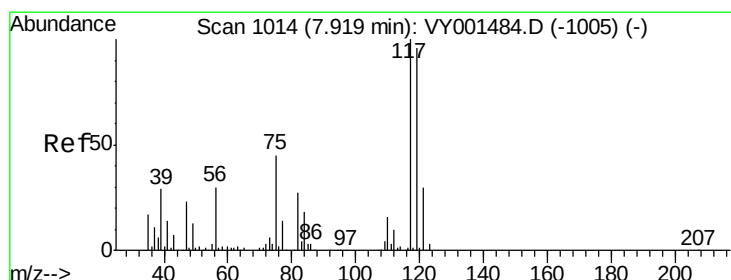
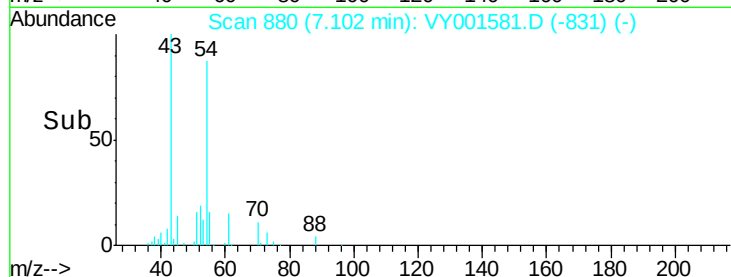
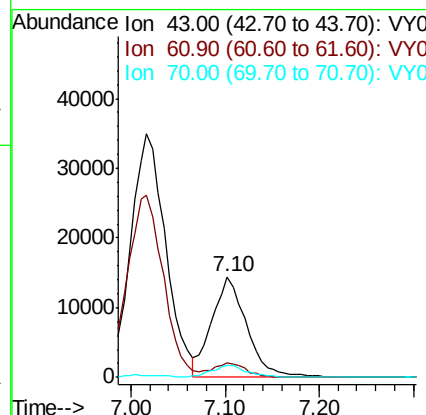
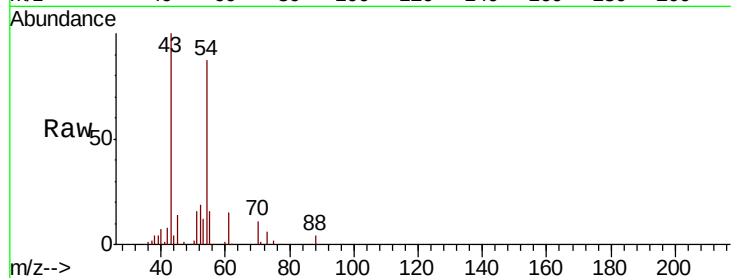
#37
Ethyl Acetate
Concen: 23.221 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	12.0	18.0
70	11.7	10.2	15.4

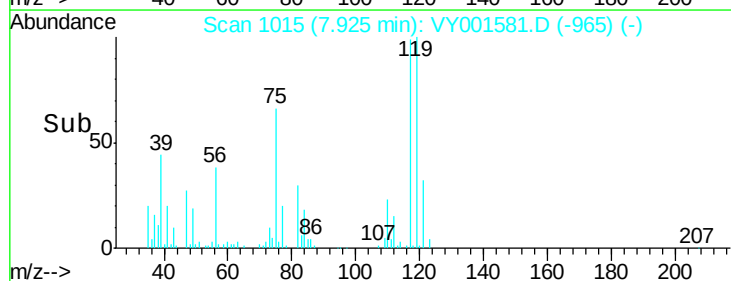
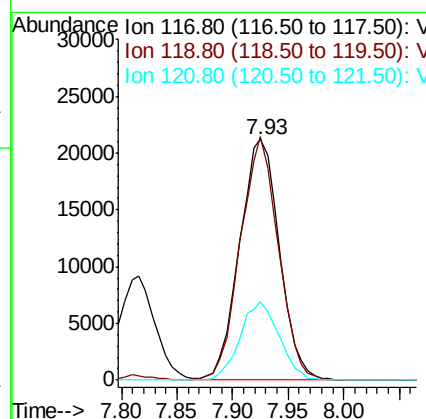
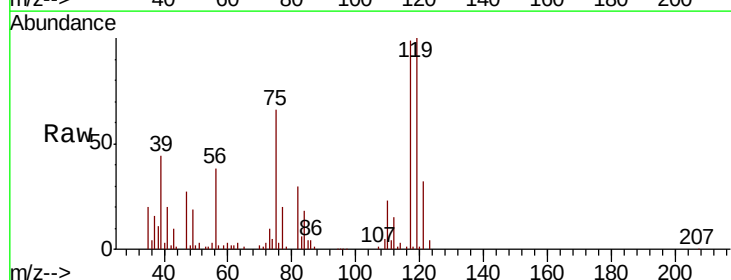
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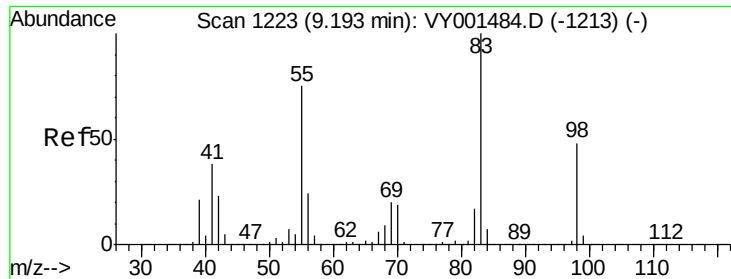
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#38
Carbon Tetrachloride
Concen: 16.457 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.2	76.4	114.6
121	32.7	24.2	36.4





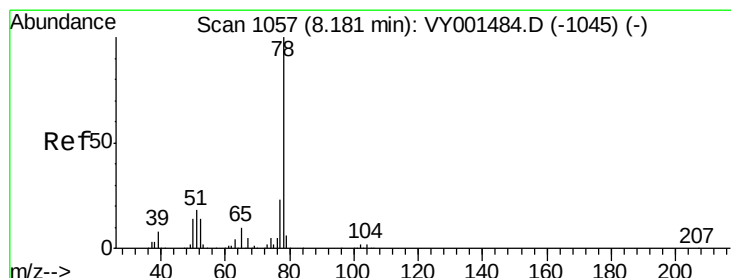
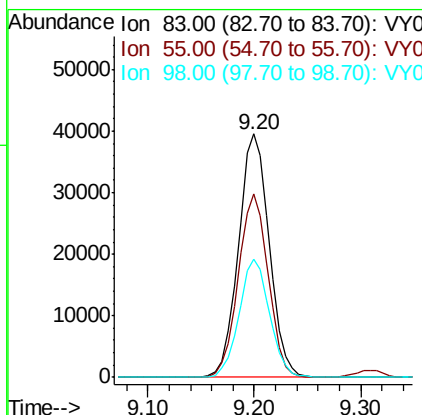
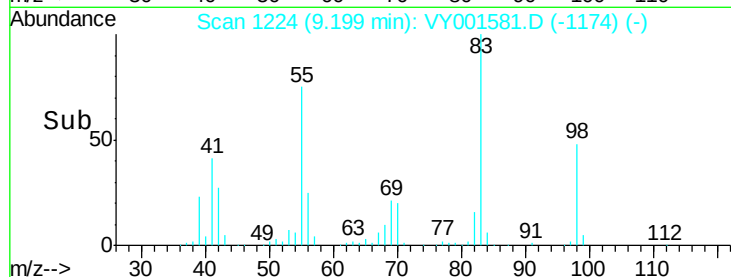
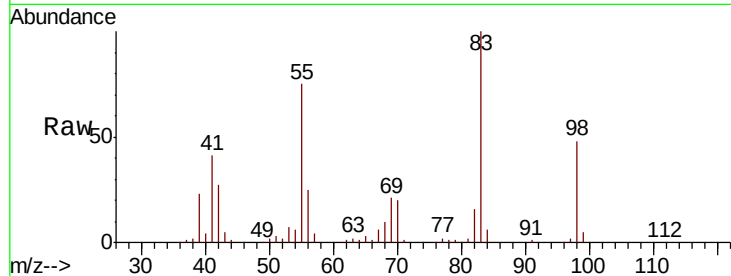
#39
Methylvlcyclohexane
Concen: 18.346 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBSD01

Tot Ion	83	Resp	80133
Ion Ratio	100	Lower	Upper
83	100		
55	75.5	59.8	89.6
98	48.4	38.6	57.8

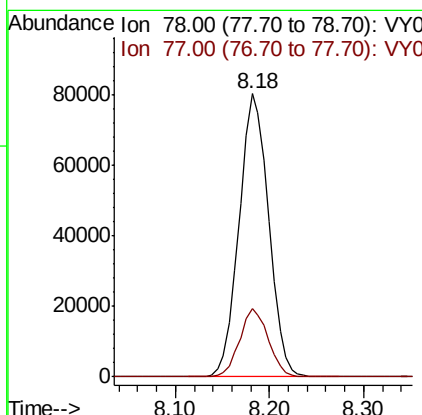
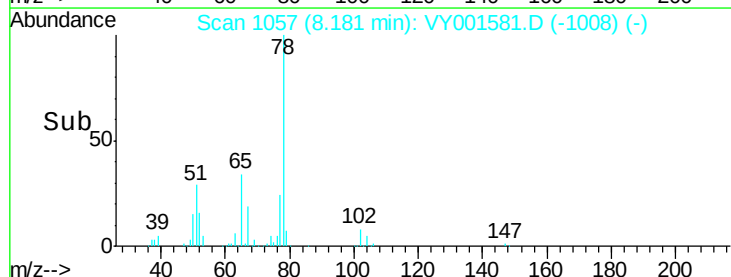
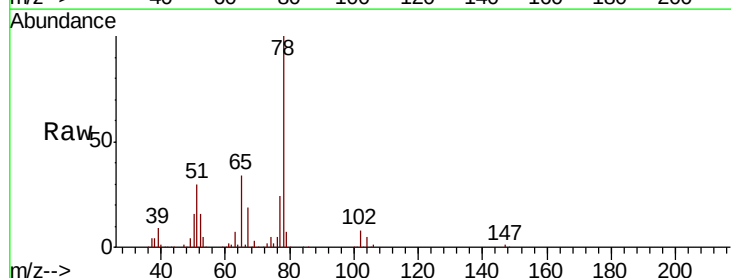
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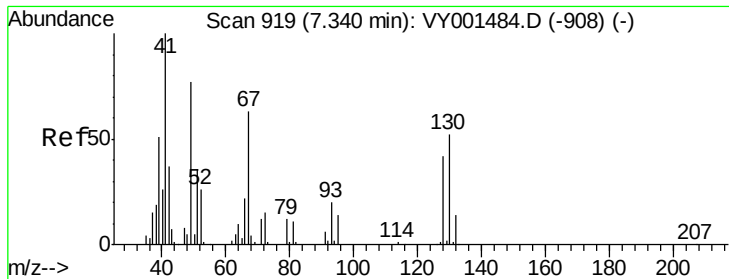
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#40
Benzene
Concen: 18.673 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion	78	Resp	176683
Ion Ratio	100	Lower	Upper
78	100		
77	24.1	18.5	27.7





#41

Methacrylonitrile

Concen: 27.865 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0210SBS01

Tot Ion: 41 Resp: 20739

Ion Ratio Lower Upper

41 100

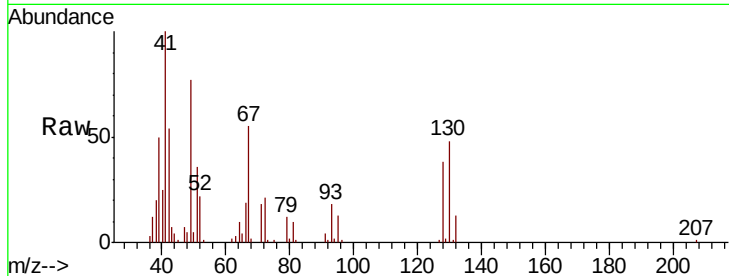
39 0.0 116.8 175.2#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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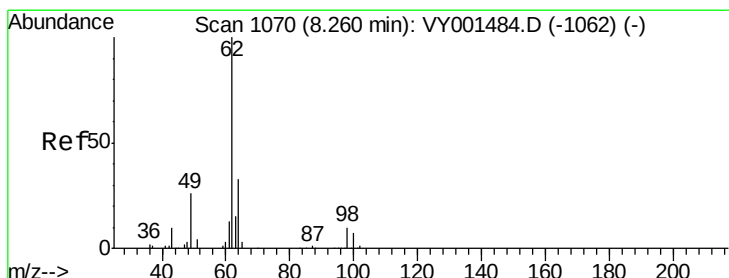
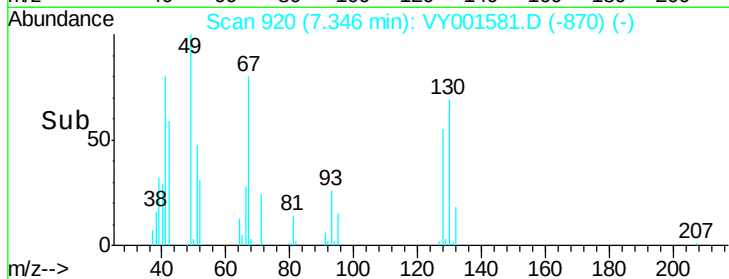
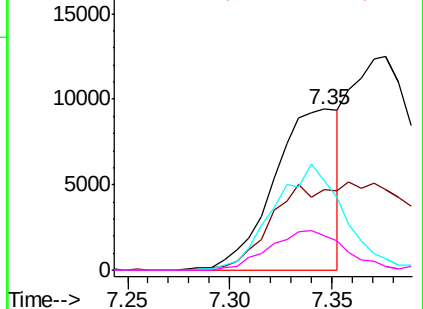


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 18.392 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VY001581.D

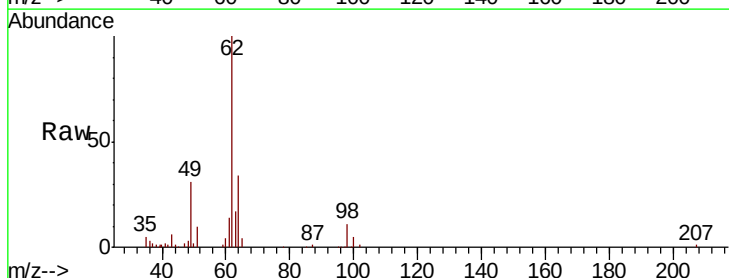
Acq: 10 Feb 2020 13:28

Tgt Ion: 62 Resp: 48484

Ion Ratio Lower Upper

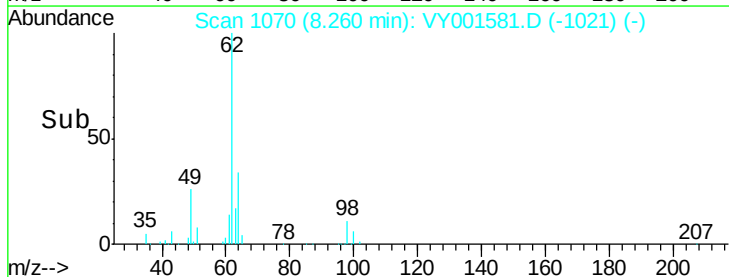
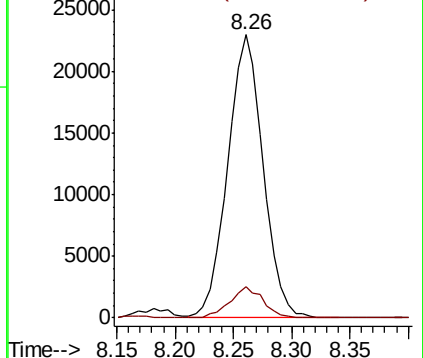
62 100

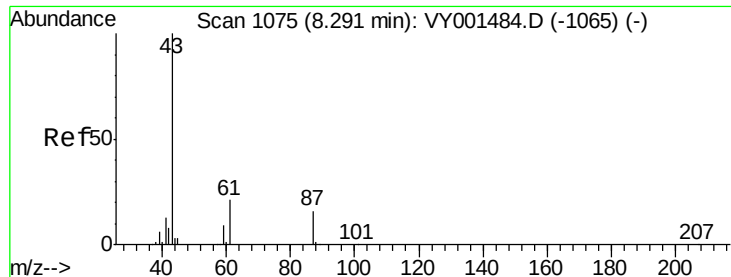
98 10.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 22.200 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

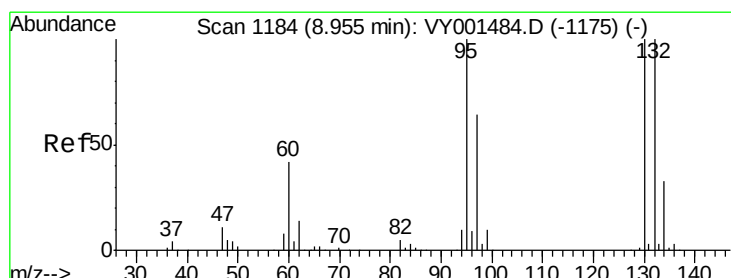
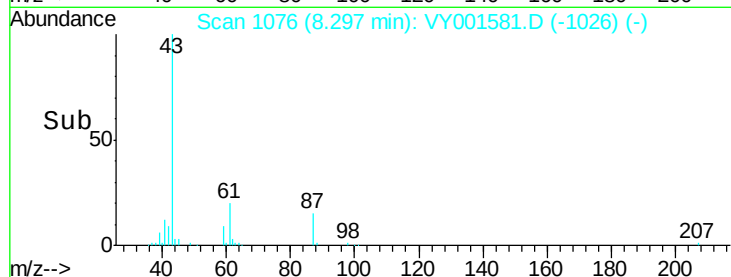
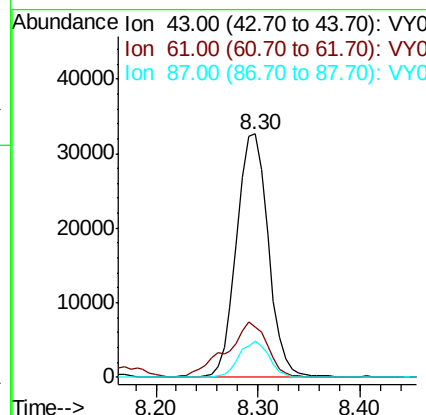
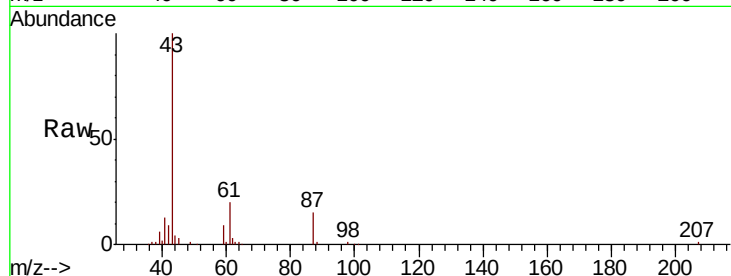
ClientSampleId :

VY0210SBSD01

Tot Ion:	43	Resp:	70588
Ion	Ratio	Lower	Upper
43	100		
61	29.1	25.1	37.7
87	13.9	12.6	19.0

Manual Integrations
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#44

Trichloroethene

Concen: 17.754 ug/l

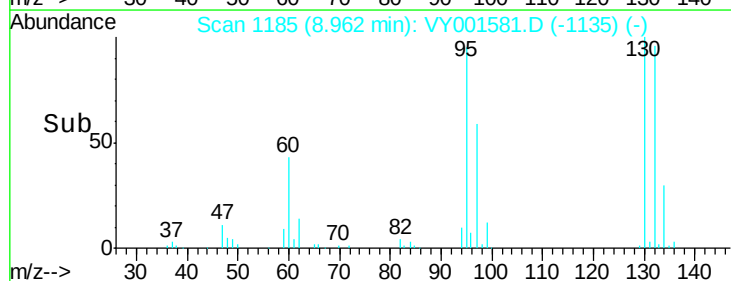
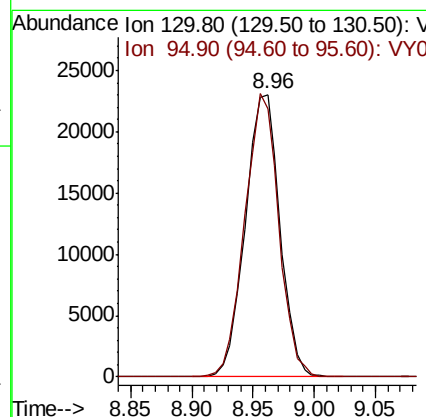
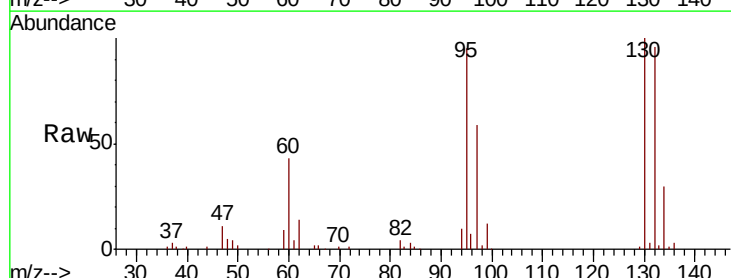
RT: 8.96 min Scan# 1185

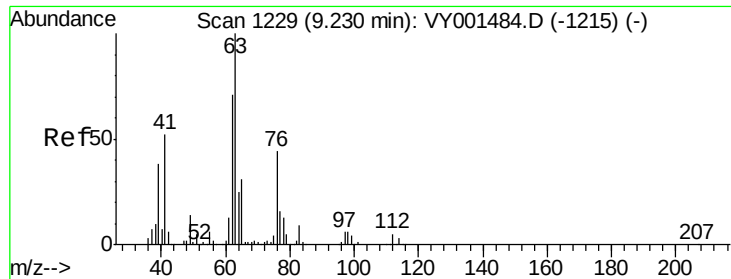
Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Tgt Ion:	130	Resp:	45281
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	199.2





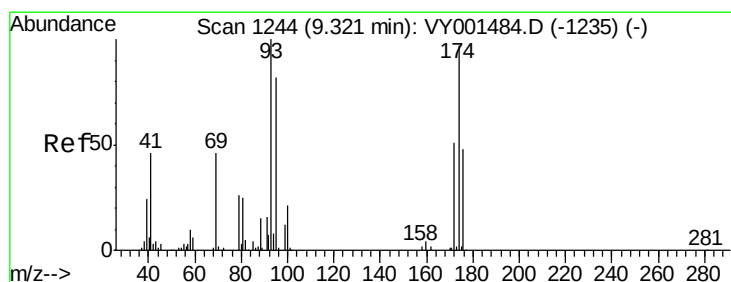
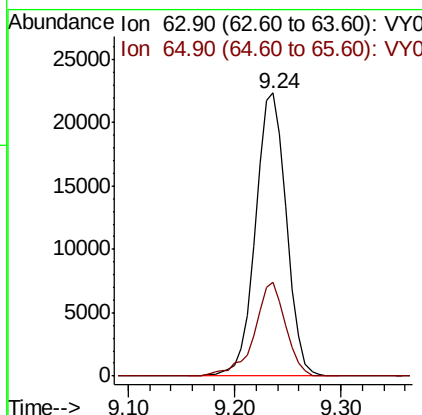
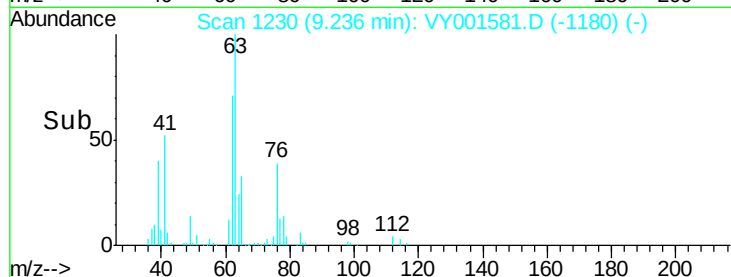
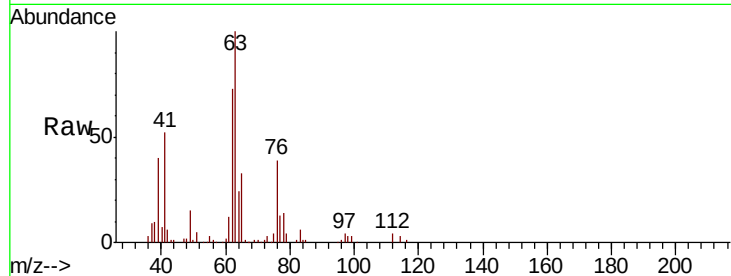
#45
 1,2-Dichloropropane
 Concen: 19.825 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0210SBS01

Tot Ion: 63 Resp: 45297
 Ion Ratio Lower Upper
 63 100
 65 33.0 25.0 37.4

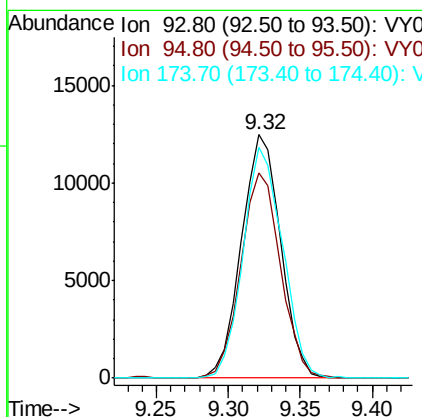
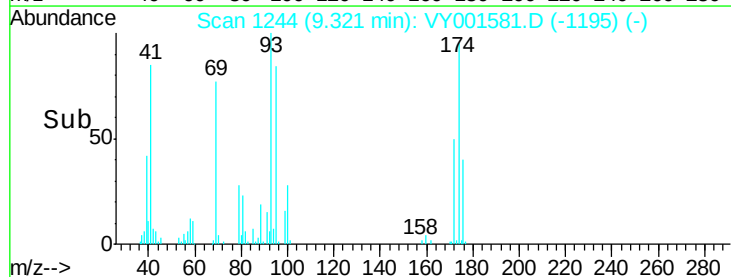
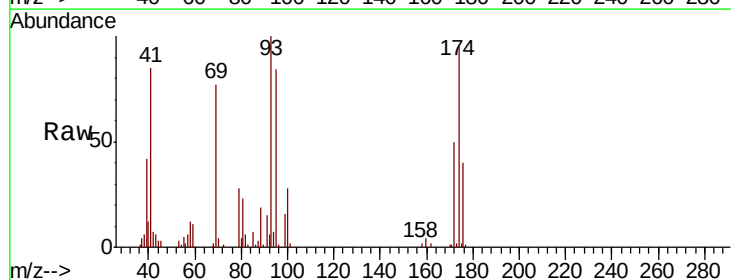
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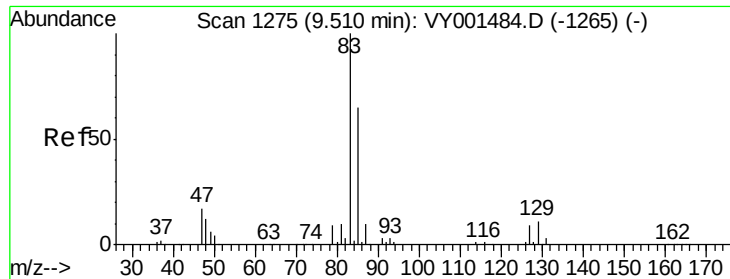
MMDadoda
 2/11/2020 6:11:05 PM



#46
 Dibromomethane
 Concen: 18.317 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion: 93 Resp: 23501
 Ion Ratio Lower Upper
 93 100
 95 85.4 66.6 99.8
 174 95.3 75.4 113.2





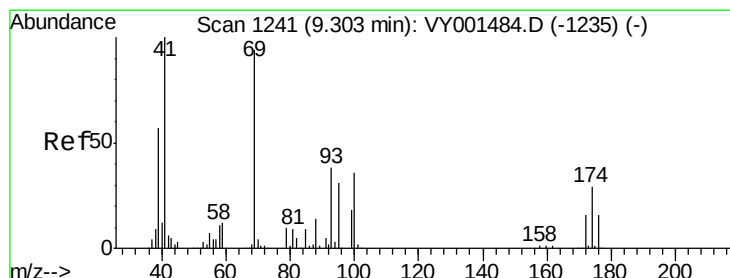
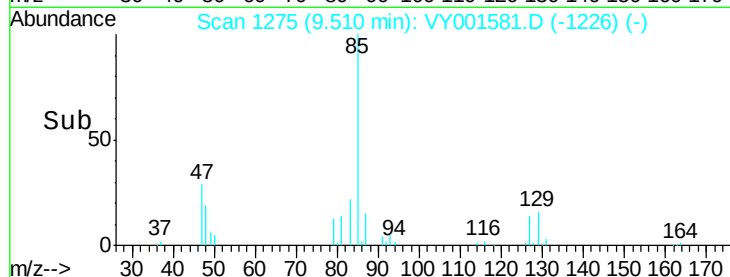
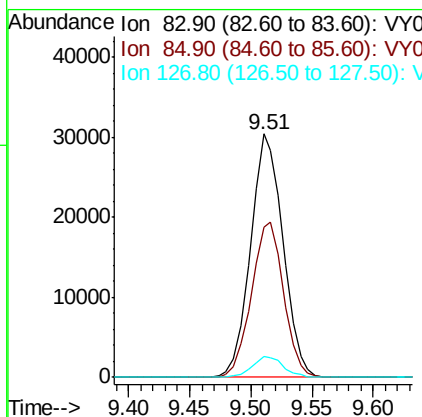
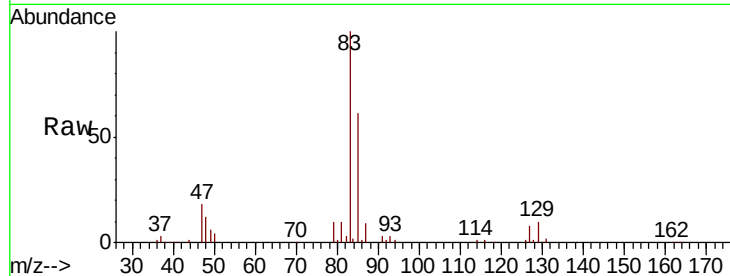
#47
Bromodichloromethane
Concen: 17.986 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	56226		
85	61.4		51.9	77.9
127	8.4		6.9	10.3

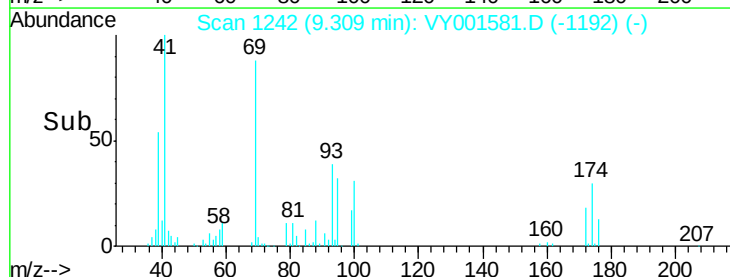
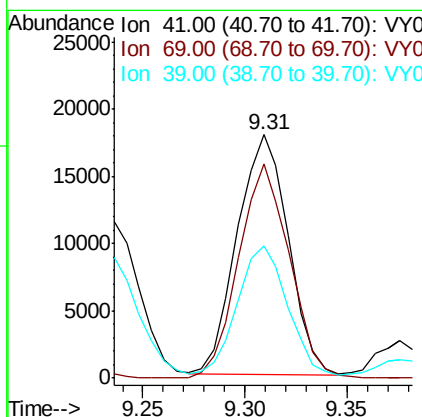
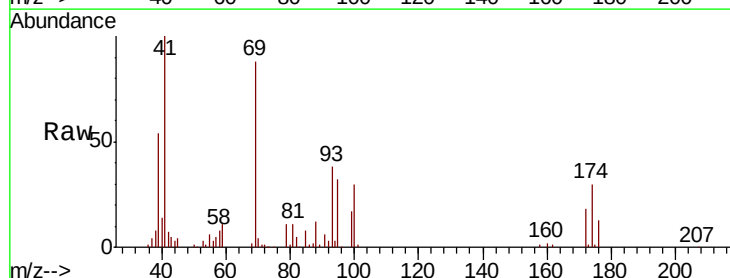
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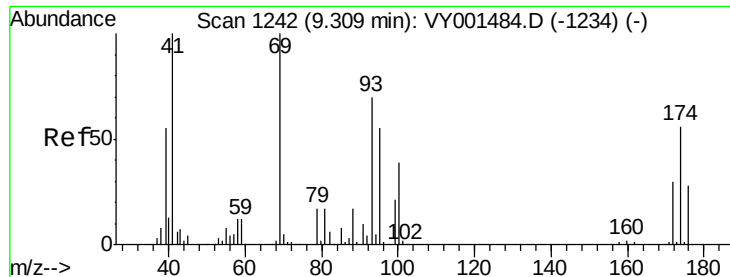
MMDadoda
2/11/2020 6:11:05 PM



#48
Methyl methacrylate
Concen: 21.536 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	31079		
69	89.1		76.6	114.8
39	52.6		45.4	68.0





#49

1,4-Dioxane

Concen: 403.096 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

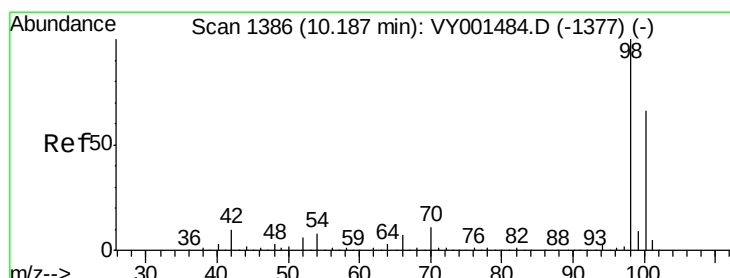
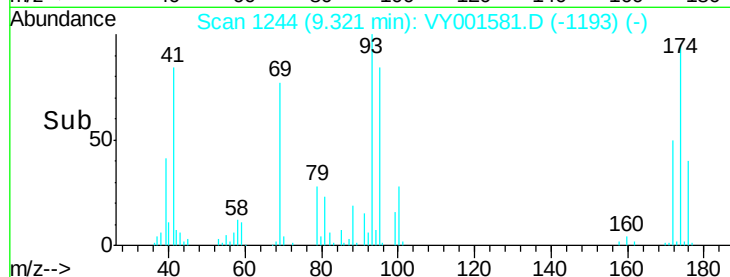
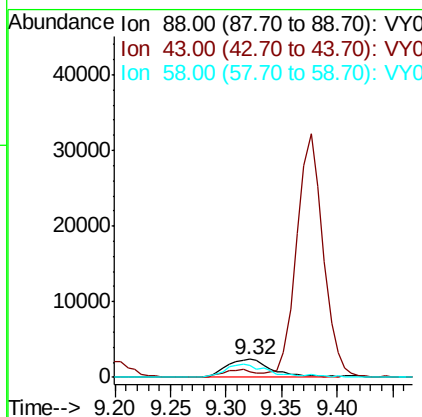
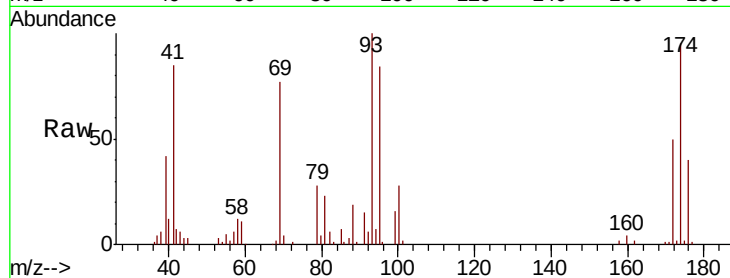
ClientSampleId :

VY0210SBS01

Tot Ion:	88	Resp:	6830
Ion	Ratio	Lower	Upper
88	100		
43	31.1	24.8	37.2
58	72.9	59.3	88.9

Manual Integrations
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#50

Toluene-d8

Concen: 51.722 ug/l

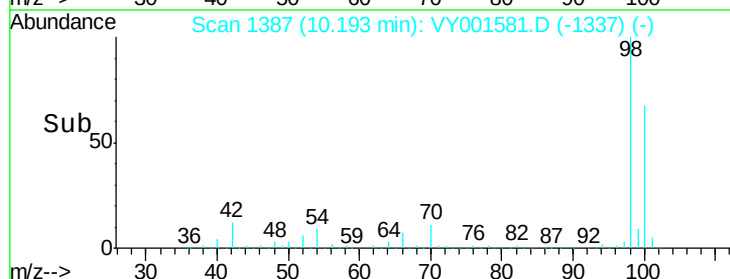
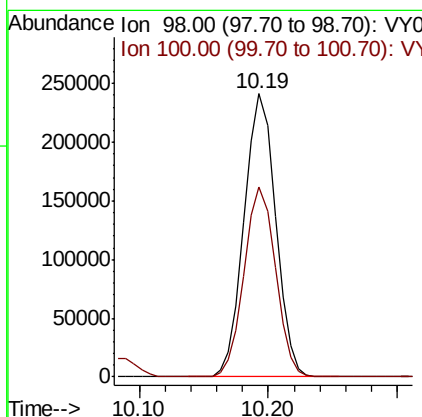
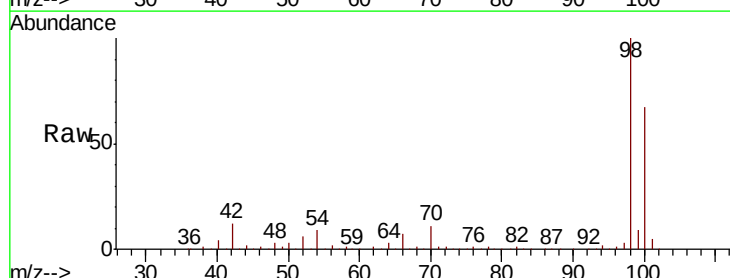
RT: 10.19 min Scan# 1387

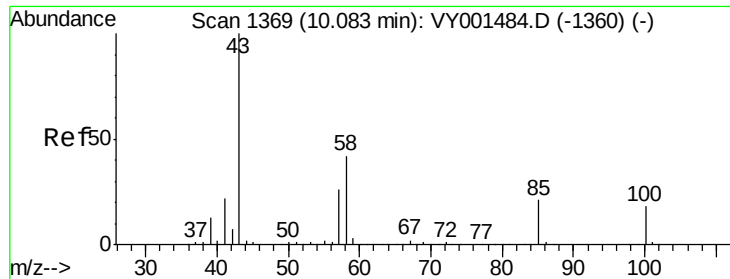
Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Tgt Ion:	98	Resp:	409188
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6





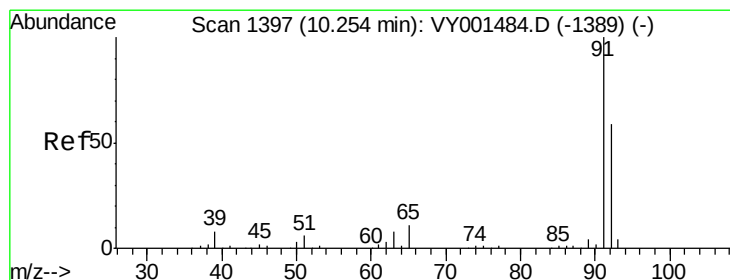
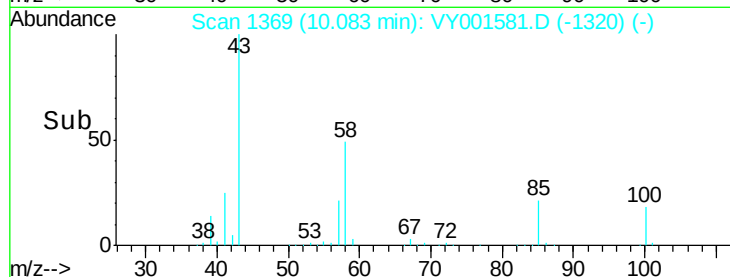
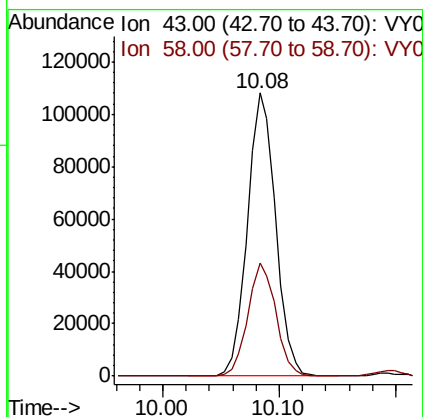
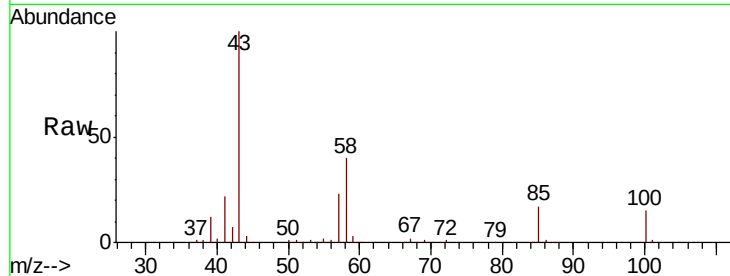
#51
4-Methyl-2-Pentanone
Concen: 116.536 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBS01

Tot Ion: 43 Resp: 182478
Ion Ratio Lower Upper
43 100
58 39.7 33.9 50.9

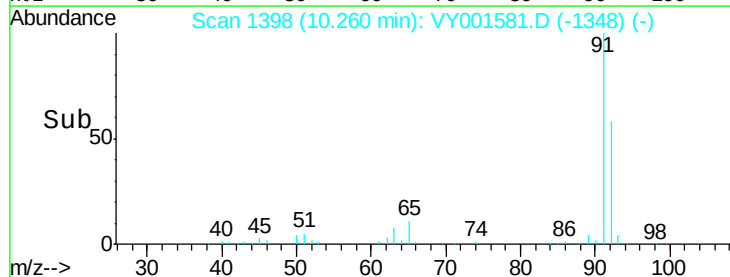
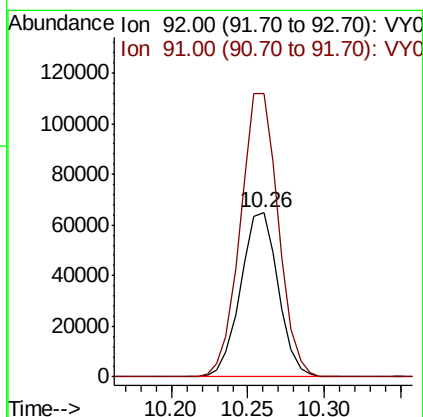
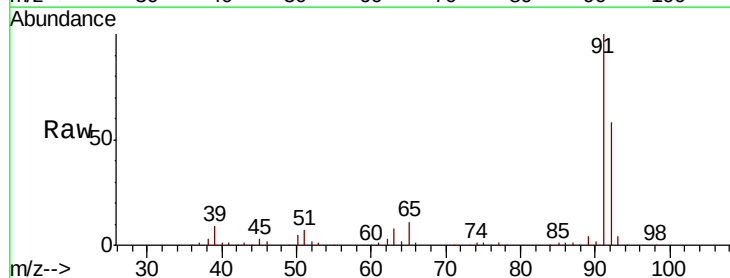
Manual Integrations
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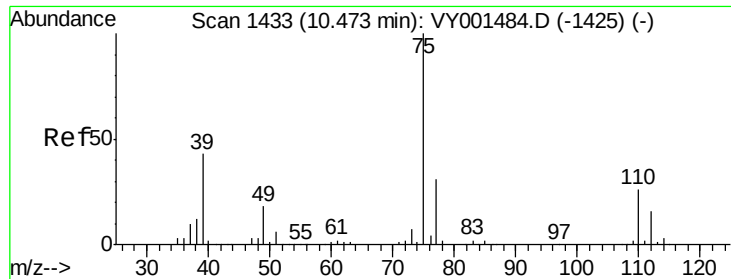
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#52
Toluene
Concen: 18.462 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion: 92 Resp: 110842
Ion Ratio Lower Upper
92 100
91 173.8 136.6 204.8





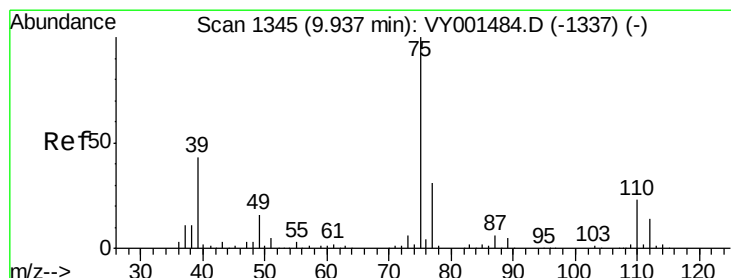
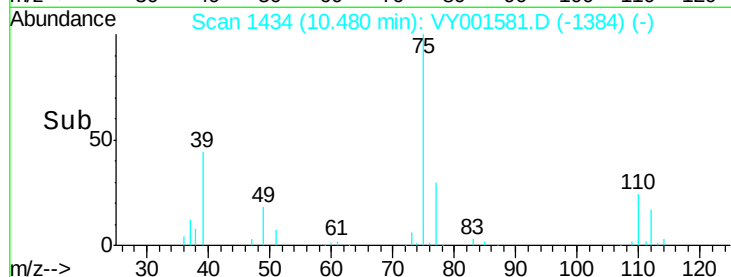
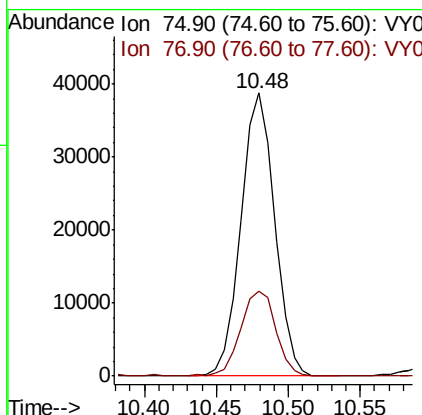
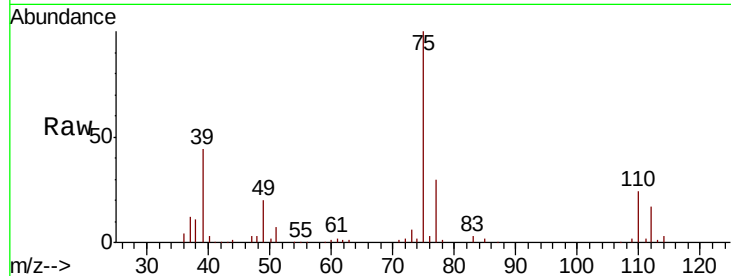
#53
t-1,3-Dichloropropene
Concen: 18.424 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBSD01

Tot Ion: 75 Resp: 62729
Ion Ratio Lower Upper
75 100
77 30.2 24.9 37.3

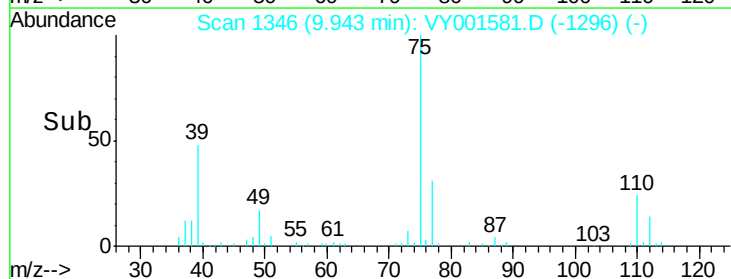
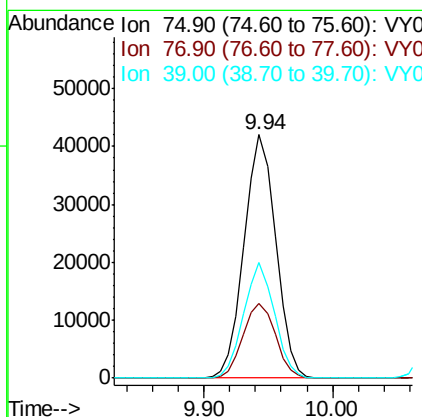
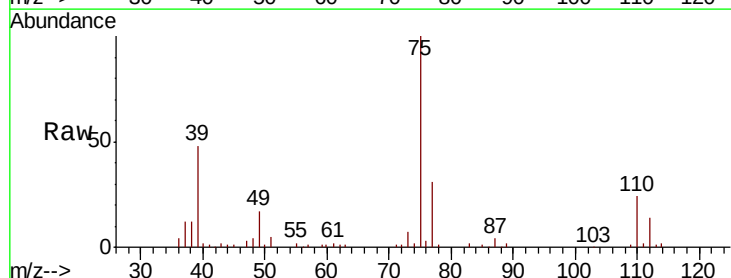
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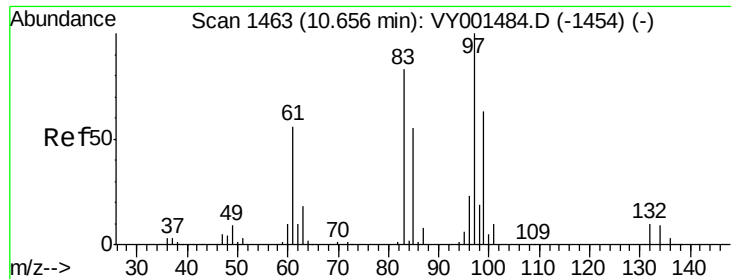
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#54
cis-1,3-Dichloropropene
Concen: 18.296 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion: 75 Resp: 71518
Ion Ratio Lower Upper
75 100
77 30.5 24.7 37.1
39 47.6 34.0 51.0





#55

1,1,2-Trichloroethane

Concen: 19.376 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

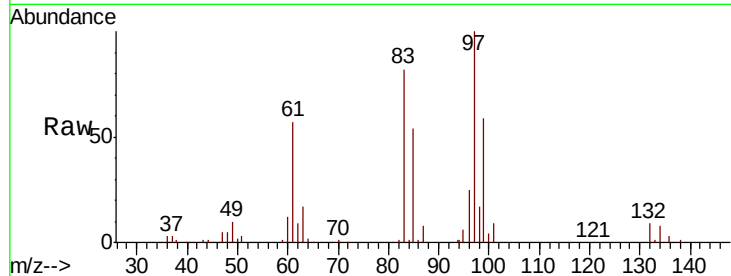
ClientSampleId :

VY0210SBS01

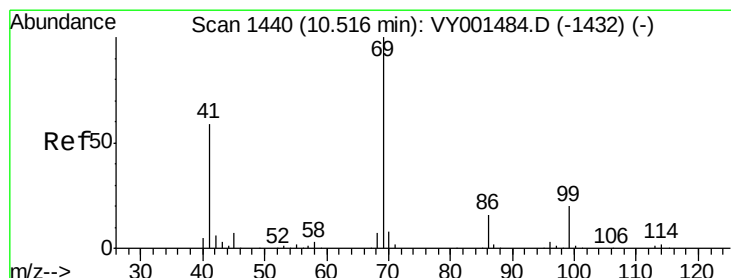
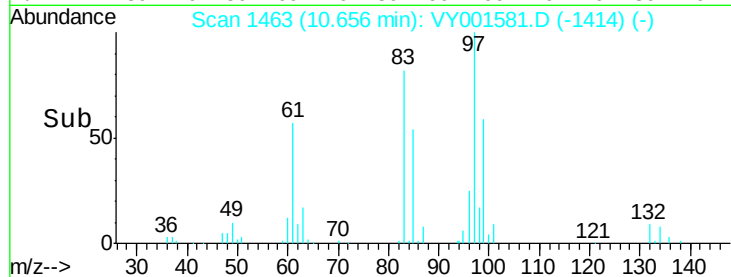
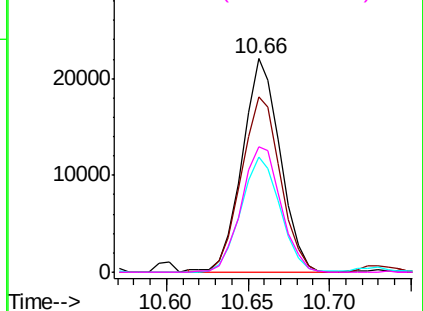
Tot Ion:	97	Resp:	35667
Ion	Ratio	Lower	Upper
97	100		
83	82.1	66.2	99.2
85	53.9	43.8	65.6
99	58.5	50.1	75.1

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Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 19.763 ug/l

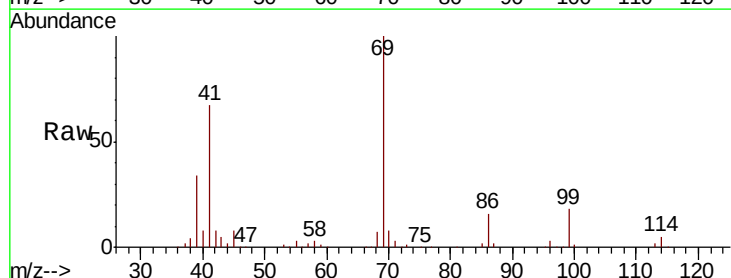
RT: 10.52 min Scan# 1441

Delta R.T. 0.01 min

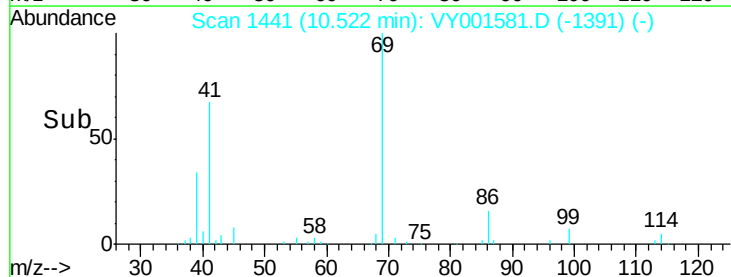
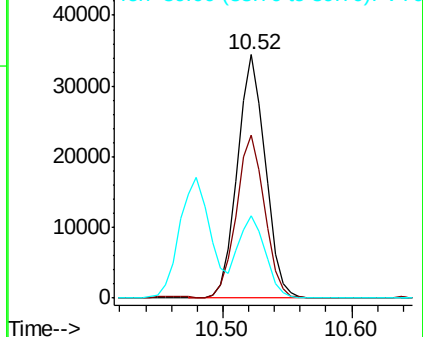
Lab File: VY001581.D

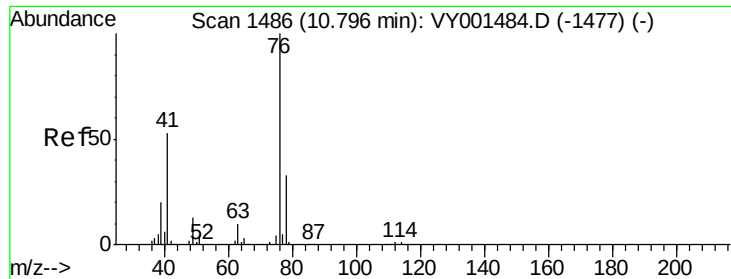
Acq: 10 Feb 2020 13:28

Tgt Ion:	69	Resp:	51743
Ion	Ratio	Lower	Upper
69	100		
41	68.0	47.8	71.8
39	32.3	24.4	36.6



Abundance Ion 69.00 (68.70 to 69.70): VY0
Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





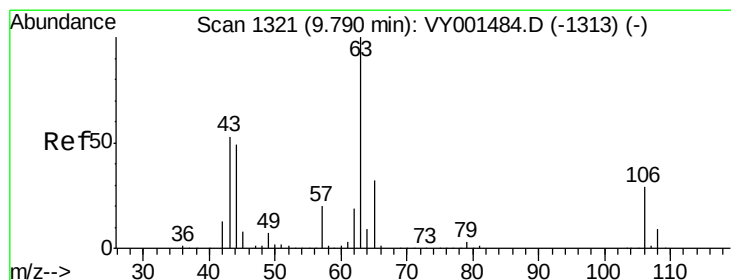
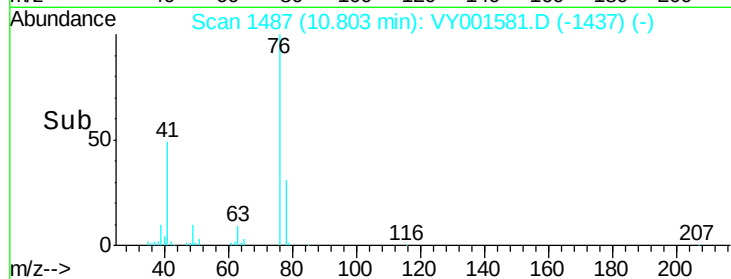
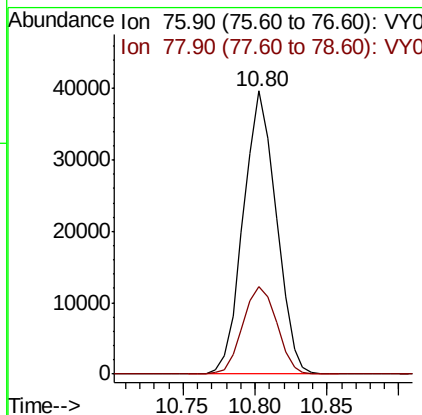
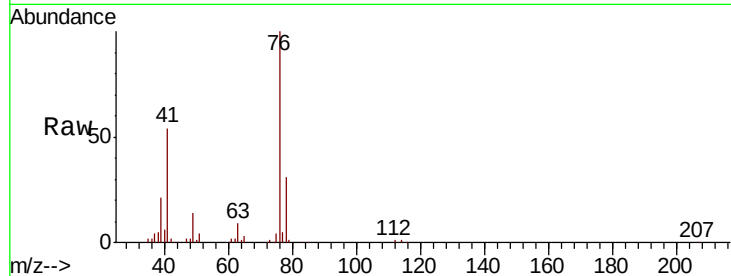
#57
 1,3-Dichloropropane
 Concen: 19.435 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0210SBSD01

Tot Ion: 76 Resp: 63063
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5

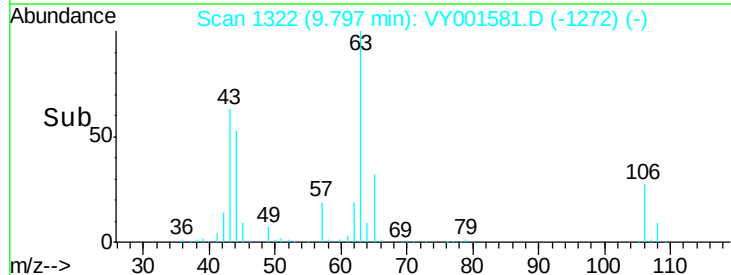
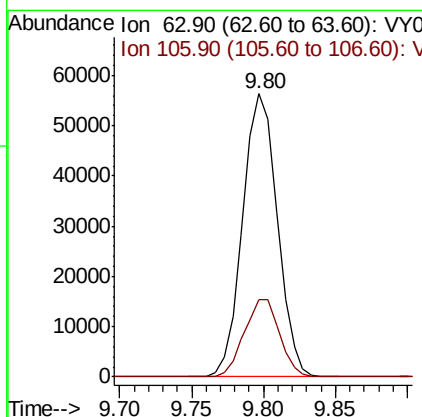
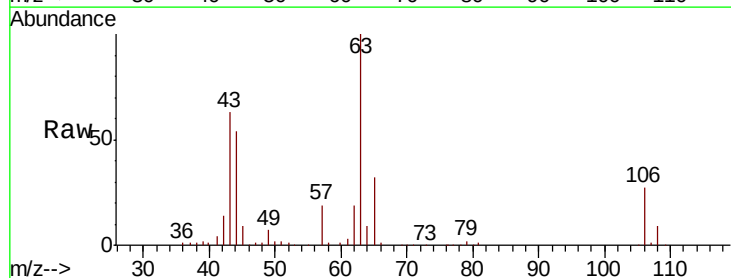
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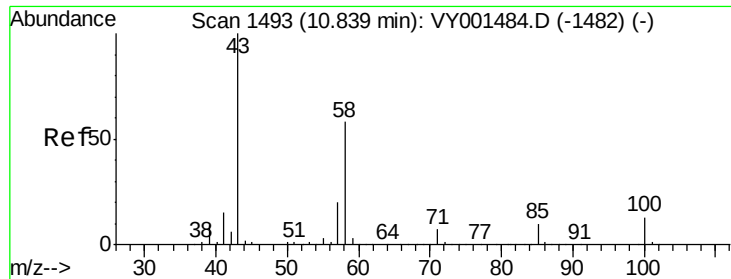
MMDadoda
 2/11/2020 6:11:05 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.515 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion: 63 Resp: 93923
 Ion Ratio Lower Upper
 63 100
 106 27.9 24.0 36.0





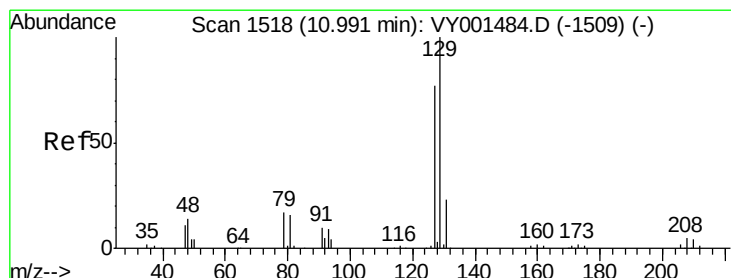
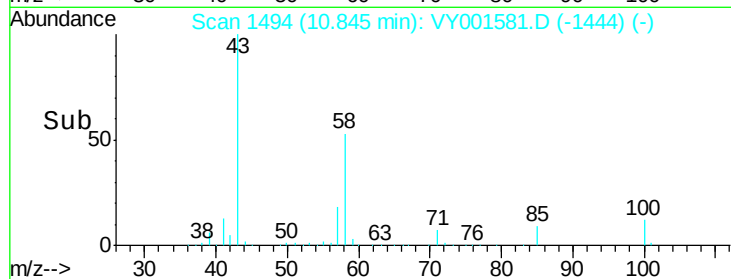
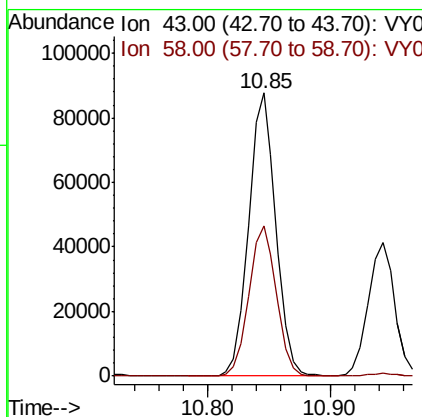
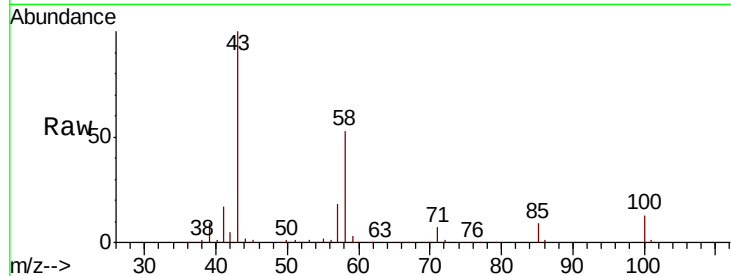
#59
2-Hexanone
Concen: 118.916 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBS01

Tot Ion: 43 Resp: 135387
Ion Ratio Lower Upper
43 100
58 53.9 29.0 87.0

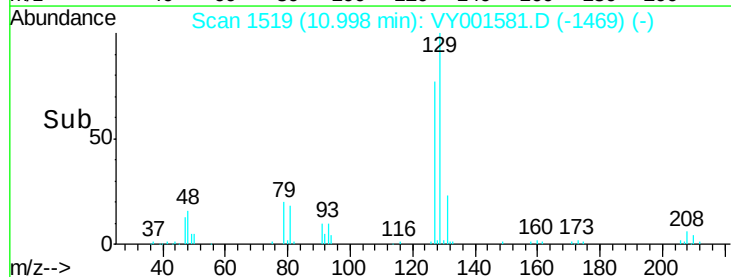
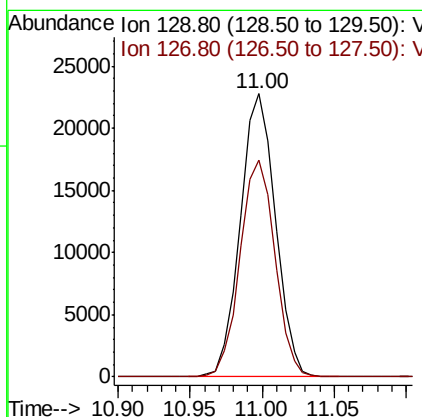
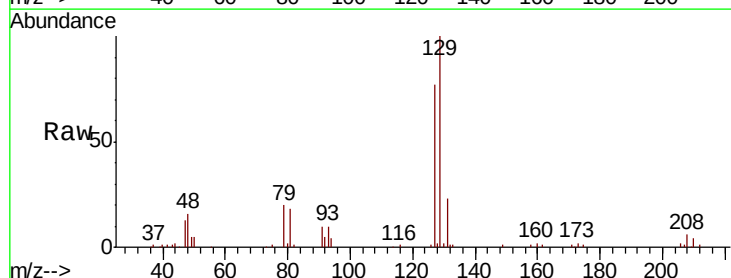
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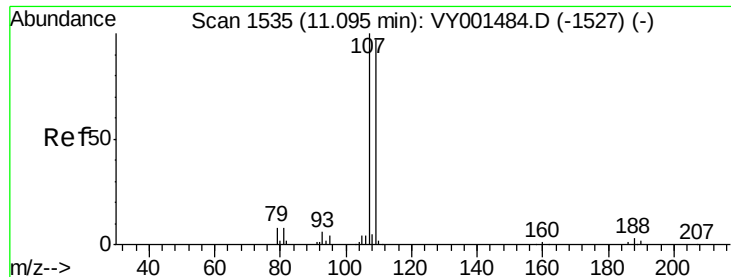
MMDadoda
2/11/2020 6:11:05 PM



#60
Dibromochloromethane
Concen: 17.744 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion: 129 Resp: 38501
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.6





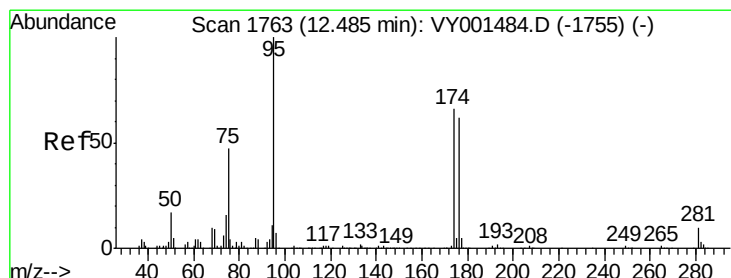
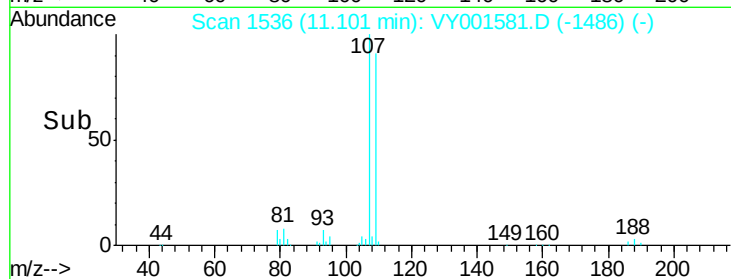
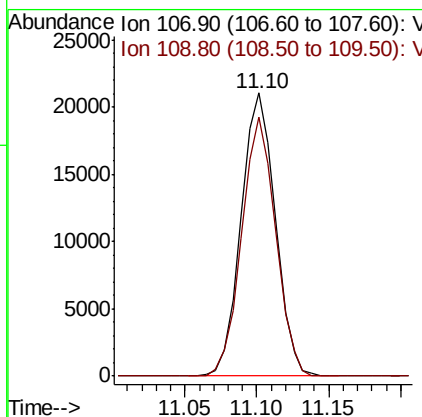
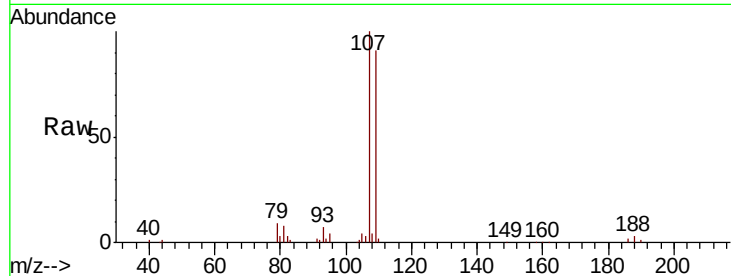
#61
 1,2-Dibromoethane
 Concen: 19.116 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0210SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.7	76.2	114.2

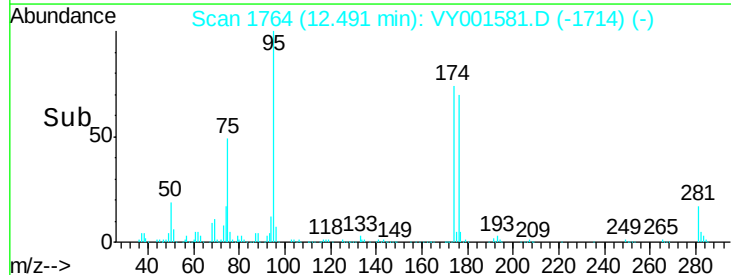
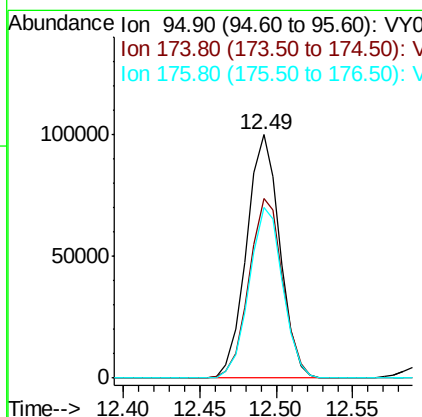
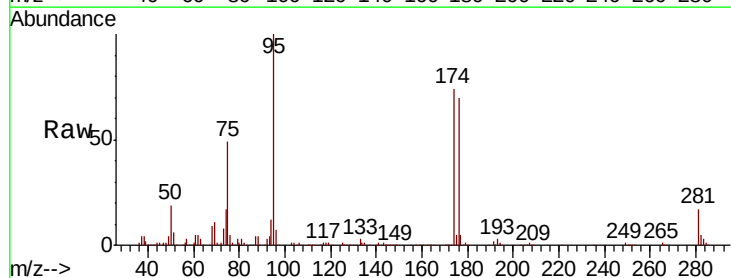
Manual Integrations
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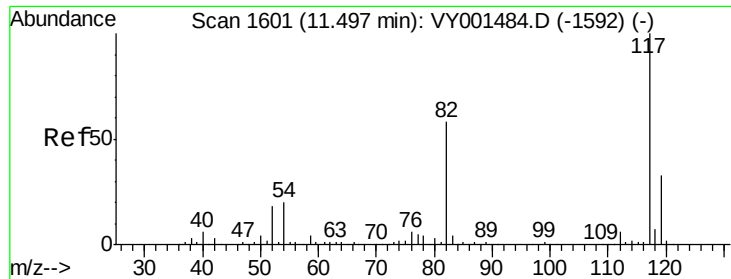
MMDadoda
 2/11/2020 6:11:05 PM



#62
 4-Bromofluorobenzene
 Concen: 48.464 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	141.4
176	71.0	0.0	135.4





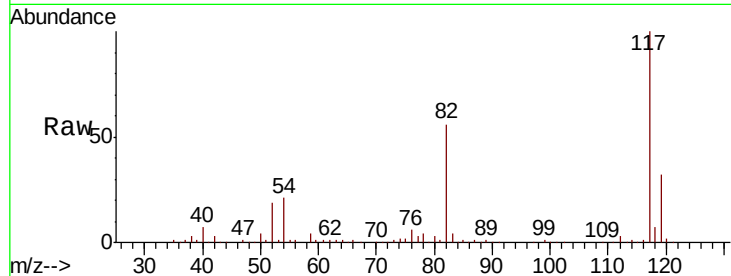
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.1	69.1
119	32.1	26.1	39.1

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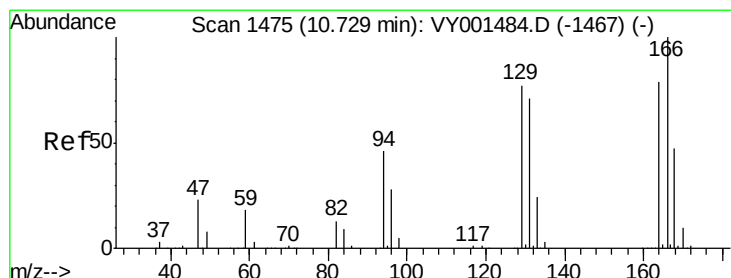
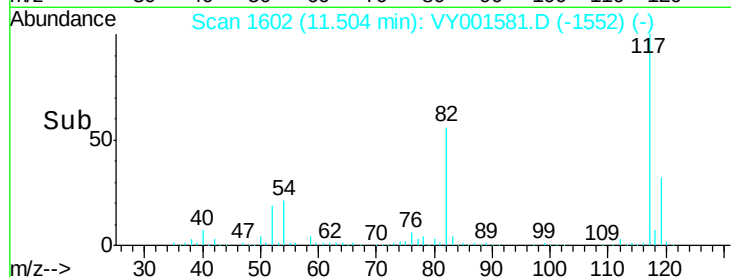
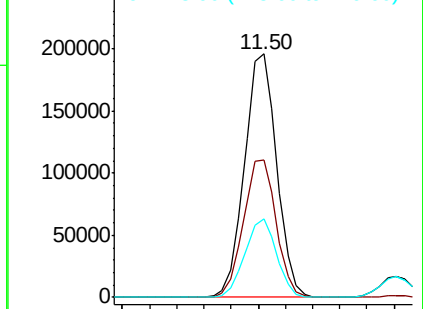


Abundance

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: 17.607 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.7	100.8	151.2
129	88.2	77.8	116.6
131	86.6	72.0	108.0

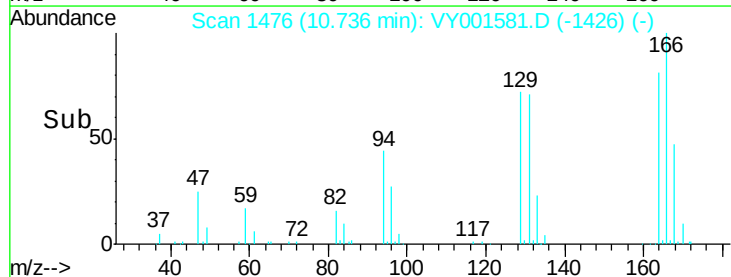
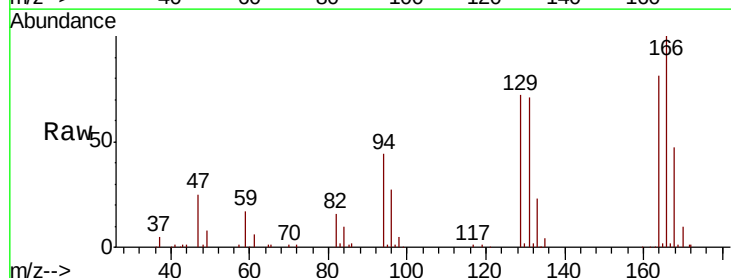
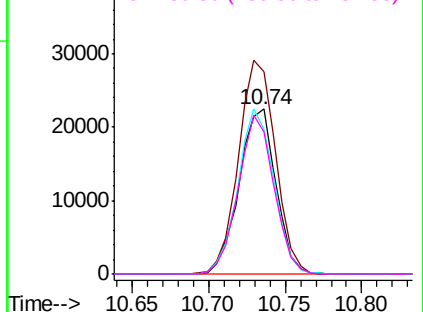
Abundance

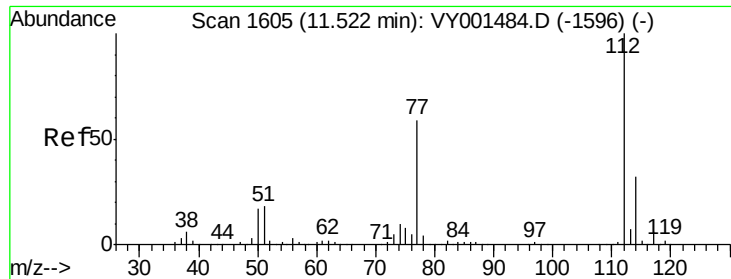
Ion 163.80 (163.50 to 164.50): V

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: 18.144 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0210SBSD01

Tot Ion:112 Resp: 115802

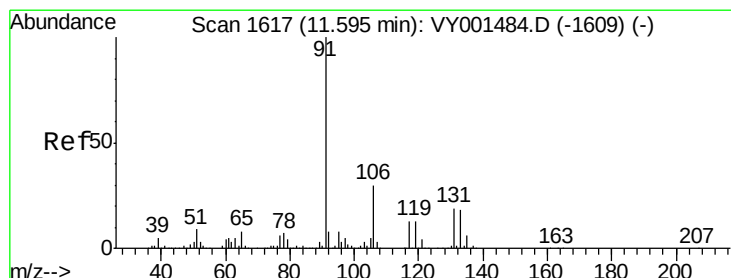
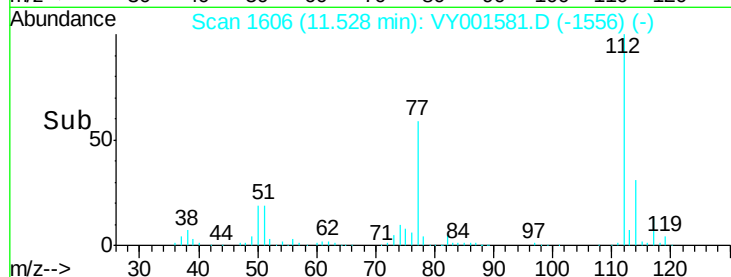
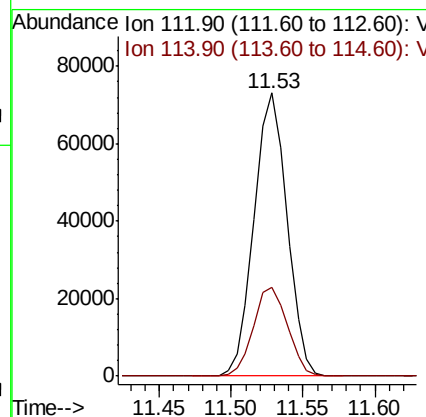
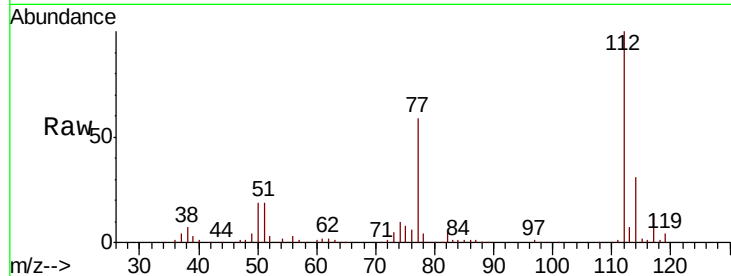
Ion Ratio Lower Upper

112 100

114 31.2 25.4 38.2

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#66

1,1,1,2-Tetrachloroethane

Concen: 17.729 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

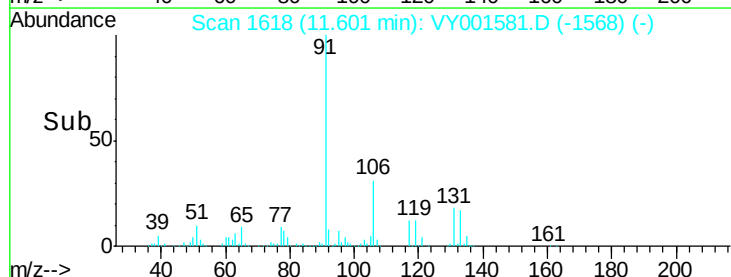
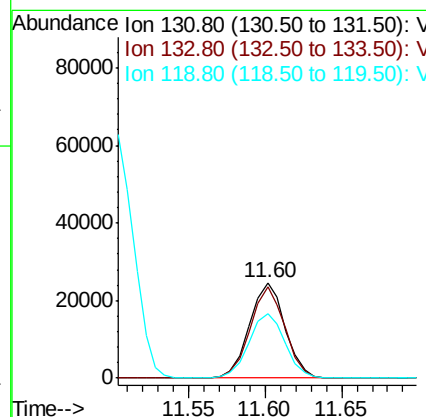
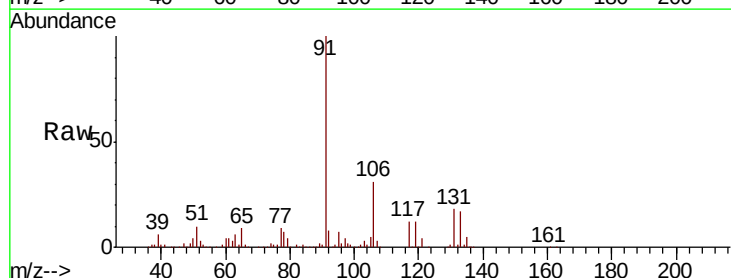
Tgt Ion:131 Resp: 39602

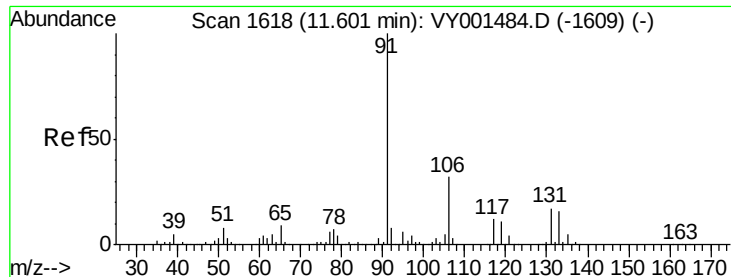
Ion Ratio Lower Upper

131 100

133 93.9 47.9 143.8

119 68.8 33.7 101.0





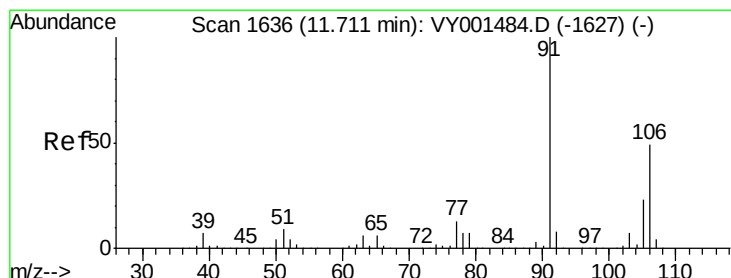
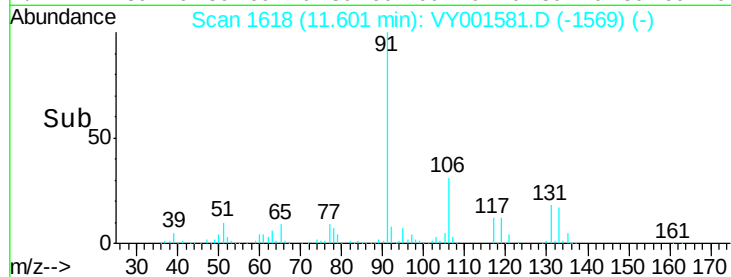
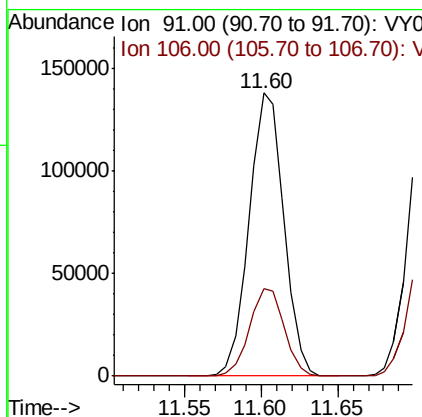
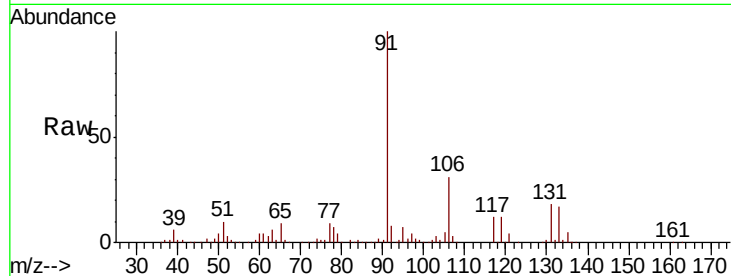
#67
Ethyl Benzene
Concen: 18.489 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBSD01

Tot Ion: 91 Resp: 218185
Ion Ratio Lower Upper
91 100
106 30.9 25.3 37.9

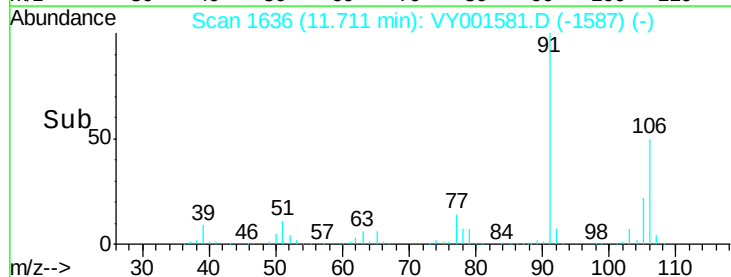
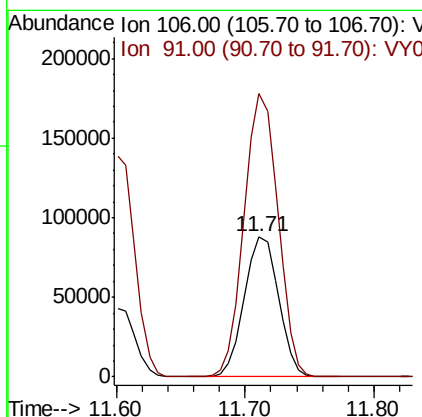
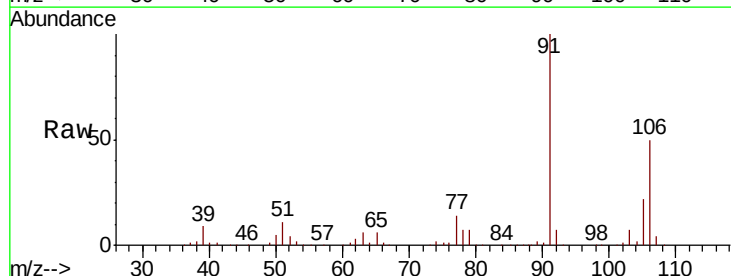
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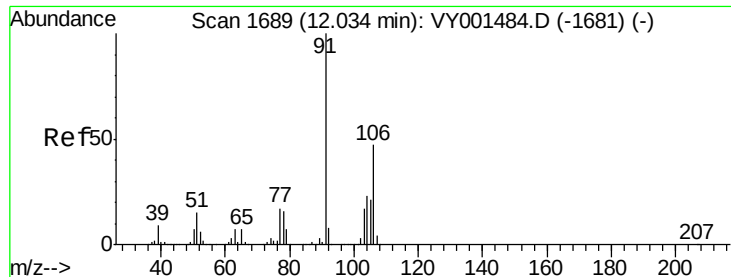
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#68
m/p-Xylenes
Concen: 36.447 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion: 106 Resp: 161462
Ion Ratio Lower Upper
106 100
91 201.1 163.6 245.4





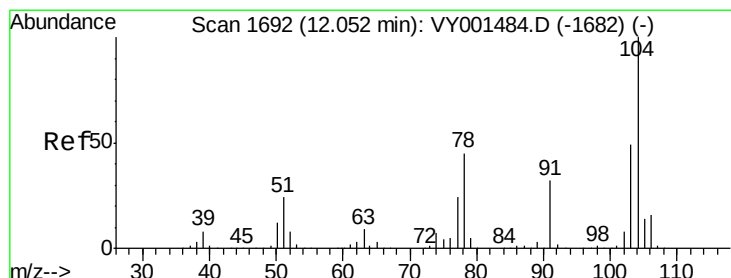
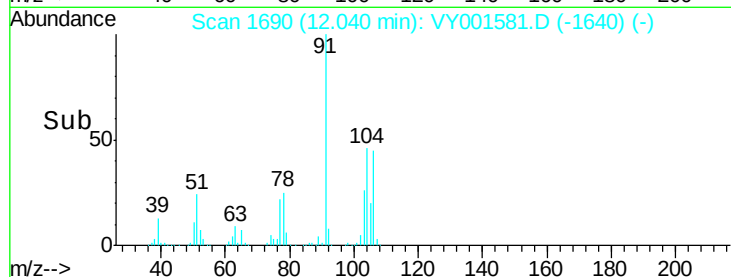
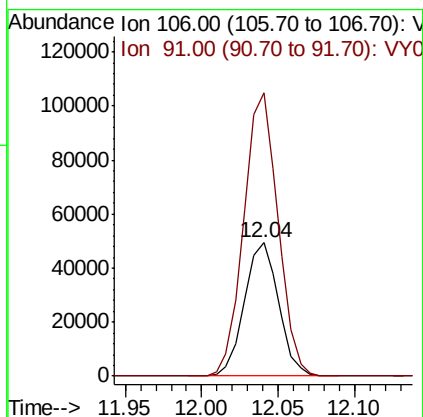
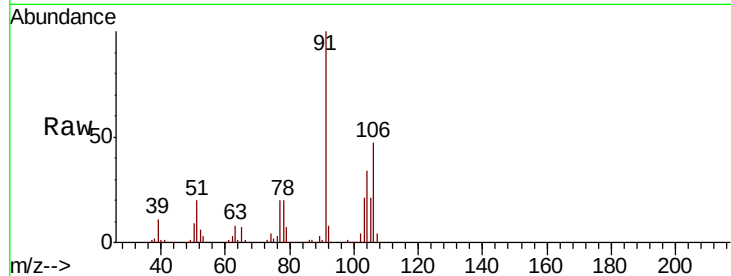
#69
o-Xylene
Concen: 18.363 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBS01

Tot Ion:106 Resp: 76703
Ion Ratio Lower Upper
106 100
91 212.4 106.0 318.0

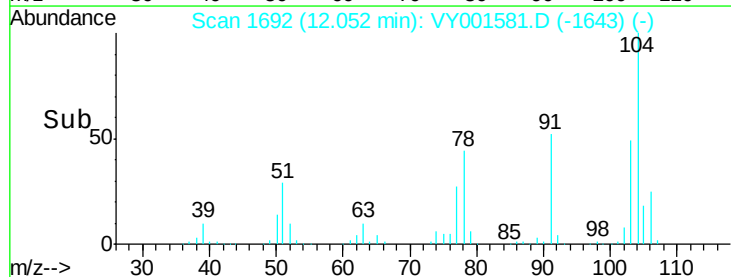
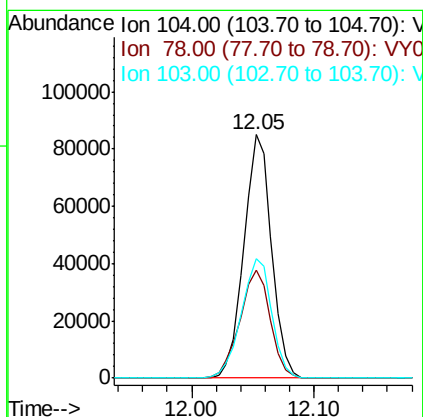
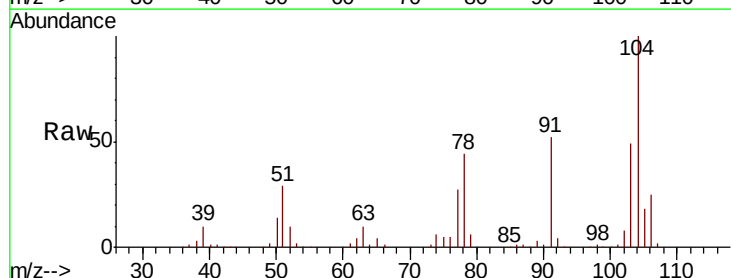
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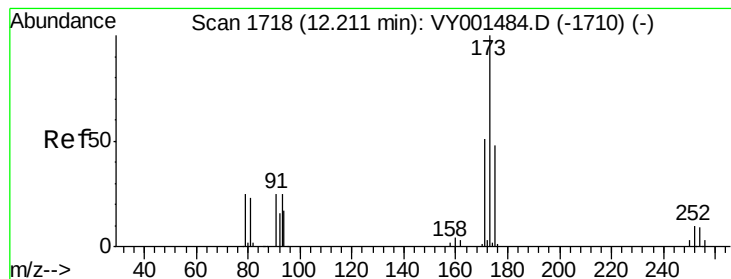
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#70
Styrene
Concen: 18.441 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion:104 Resp: 133205
Ion Ratio Lower Upper
104 100
78 48.7 40.4 60.6
103 54.0 42.8 64.2





#71

Bromoform

Concen: 18.290 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

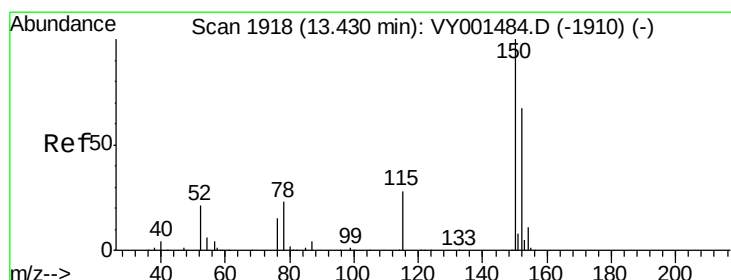
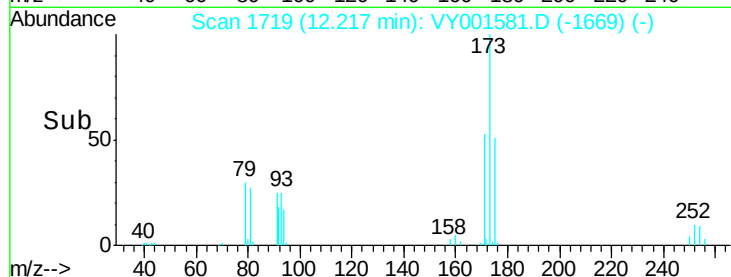
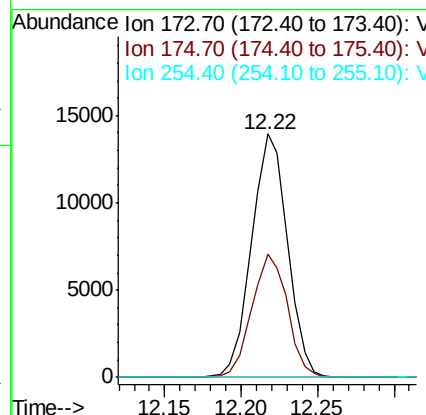
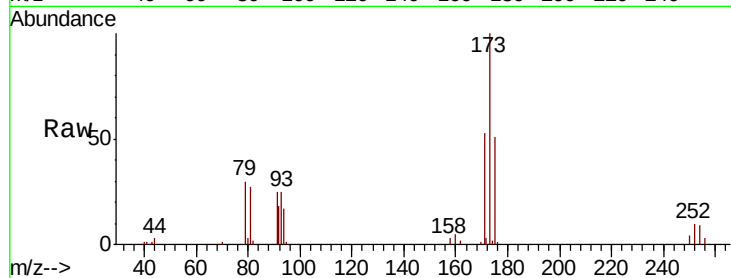
ClientSampleId :

VY0210SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.0	72.0
254	0.0	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

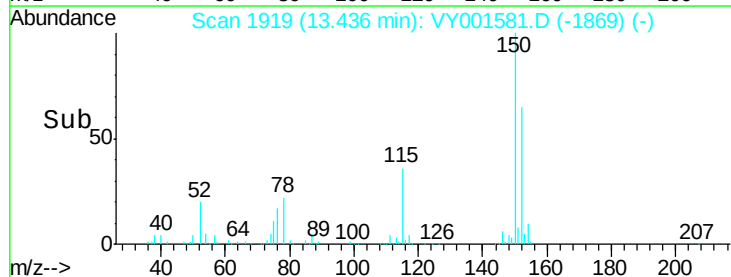
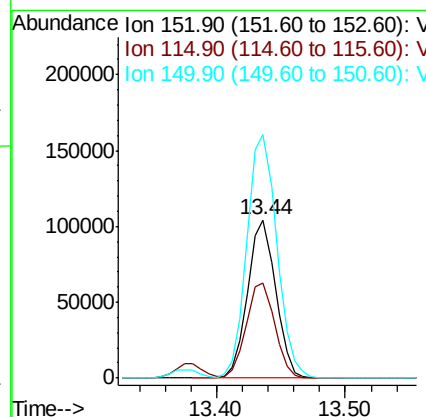
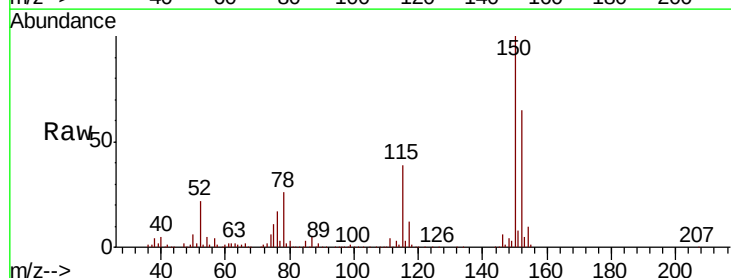
RT: 13.44 min Scan# 1919

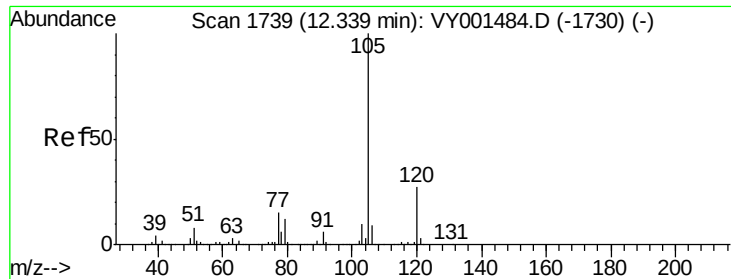
Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.4	94.3
150	164.6	0.0	346.8





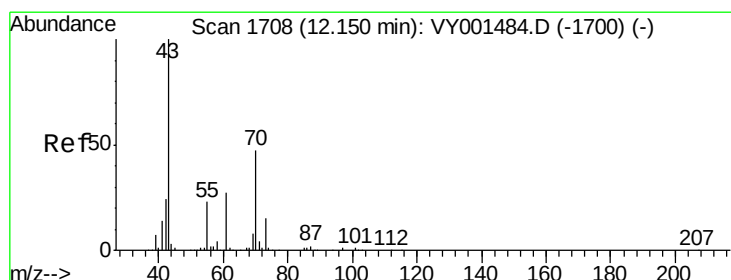
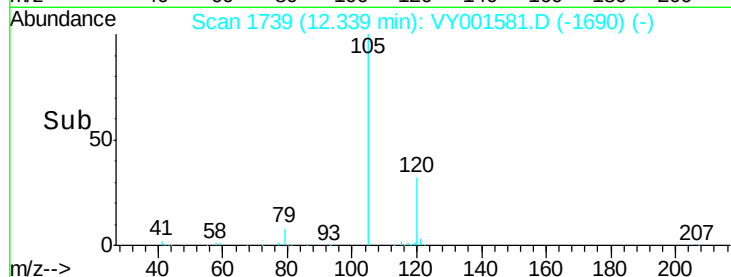
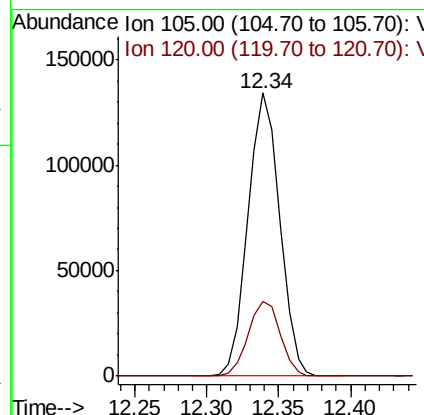
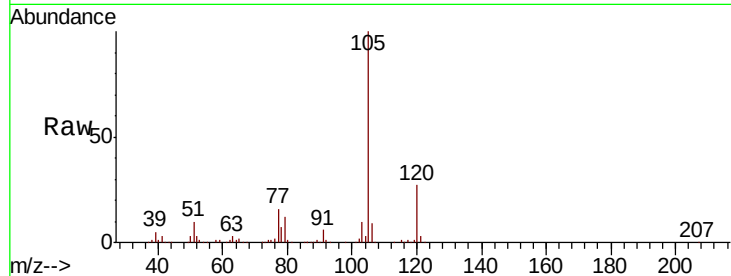
#73
Isopropylbenzene
Concen: 17.160 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.3	39.9

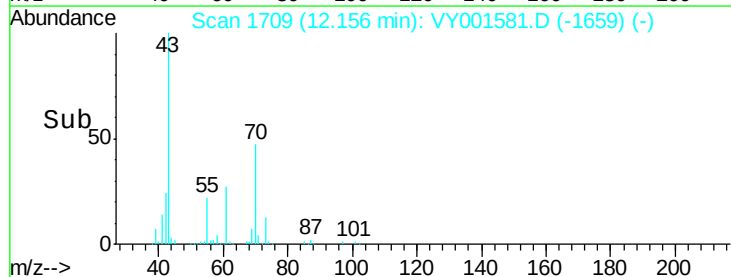
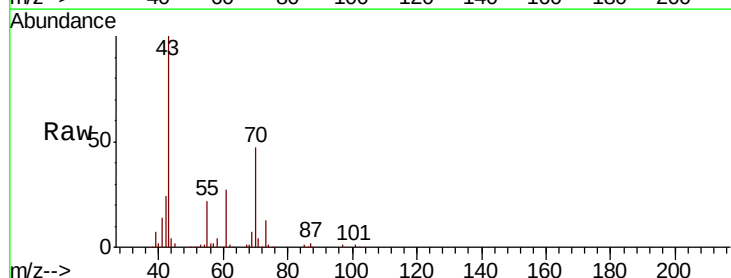
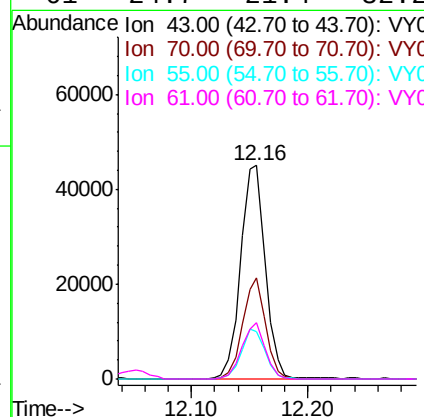
Manual Integrations
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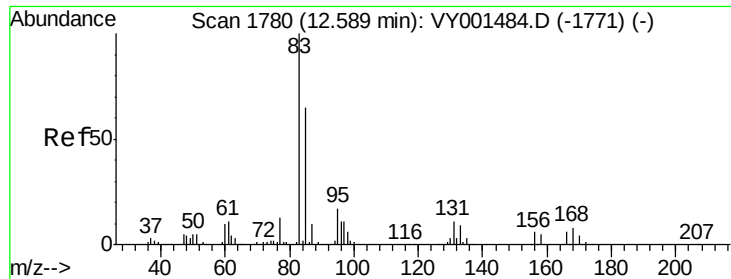
MMDadoda
2/11/2020 6:11:05 PM



#74
N-ethyl acetate
Concen: 21.638 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.6	37.2	55.8
55	22.7	18.8	28.2
61	24.7	21.4	32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.974 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

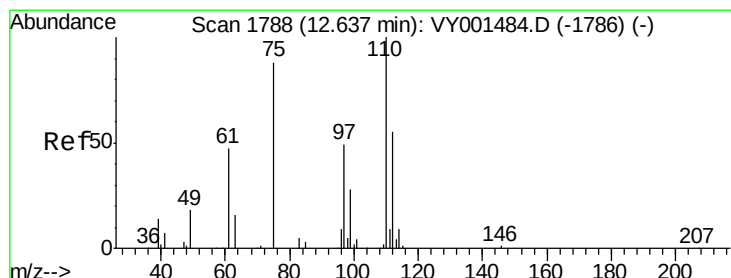
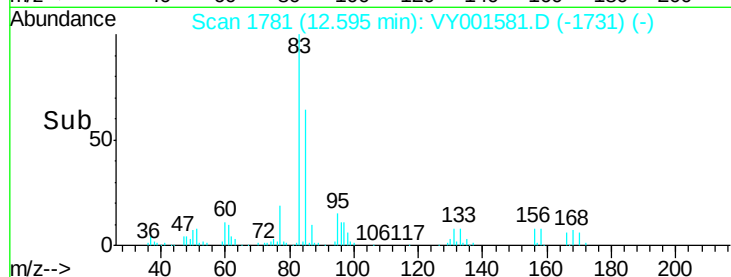
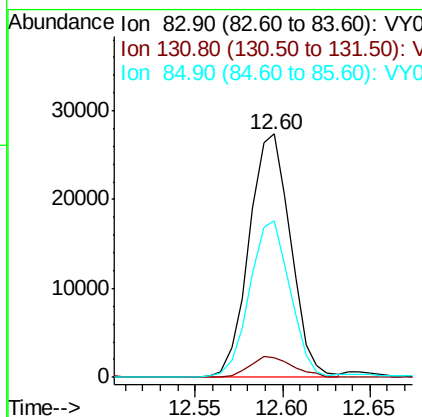
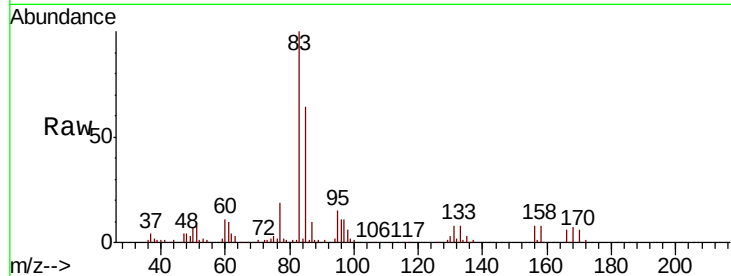
ClientSampleId :

VY0210SBS01

Tot Ion:	83	Resp:	45155
Ion Ratio	Lower	Upper	
83	100		
131	8.9	5.4	16.2
85	63.1	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 17.447 ug/l m

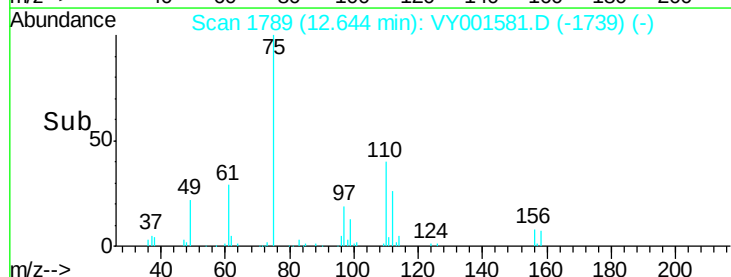
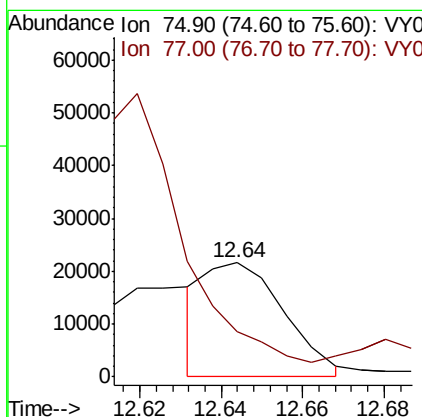
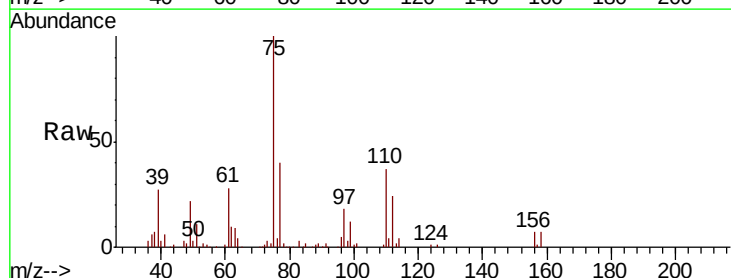
RT: 12.64 min Scan# 1789

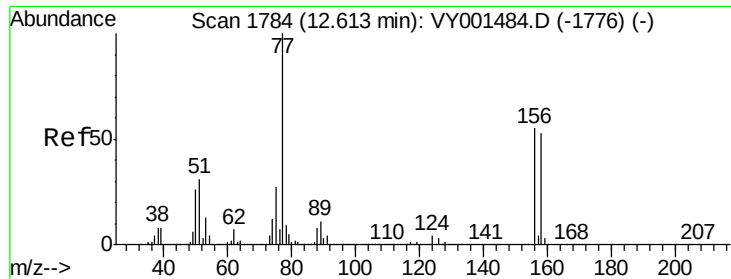
Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Tgt Ion:	75	Resp:	29272
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 17.472 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0210SBSD01

Tot Ion:156 Resp: 44992

Ion Ratio Lower Upper

156 100

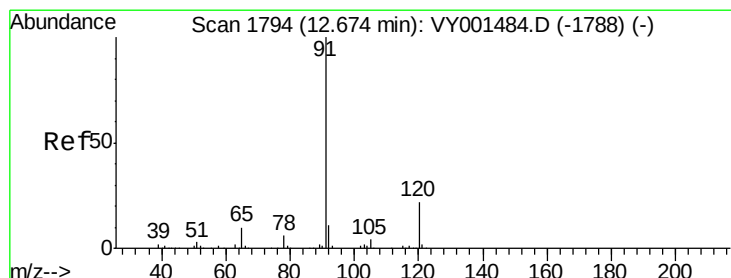
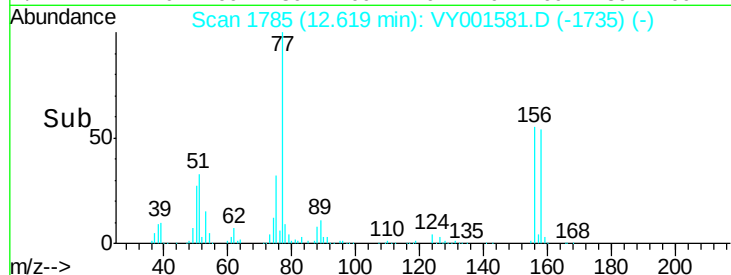
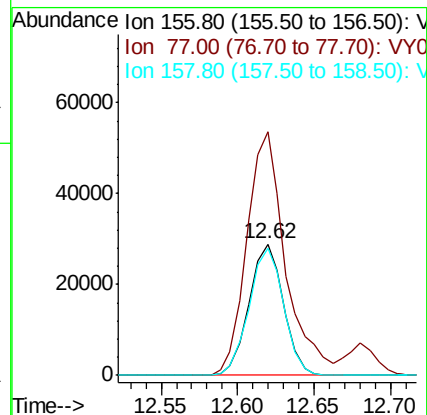
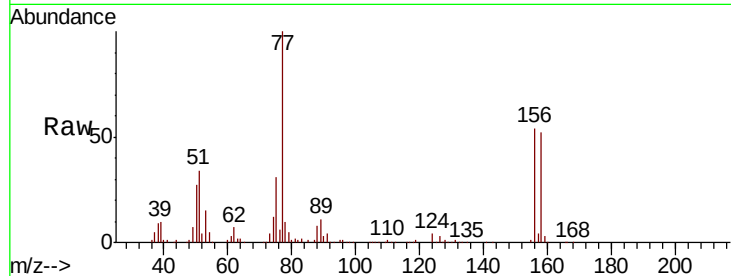
77 209.4 99.8 299.3

158 97.7 47.5 142.6

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2/11/2020 6:11:05 PM



#78

n-propylbenzene

Concen: 17.602 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001581.D

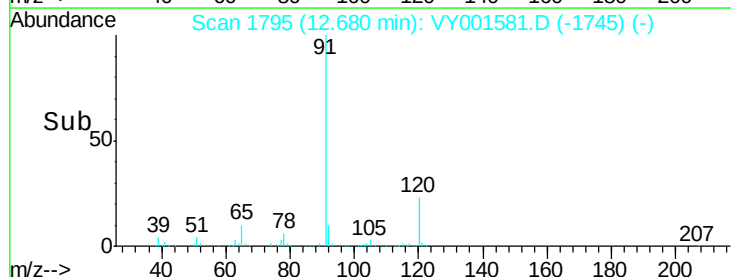
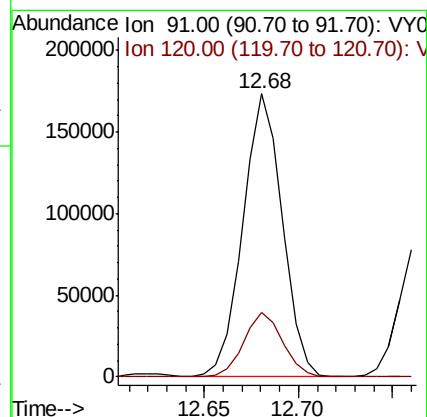
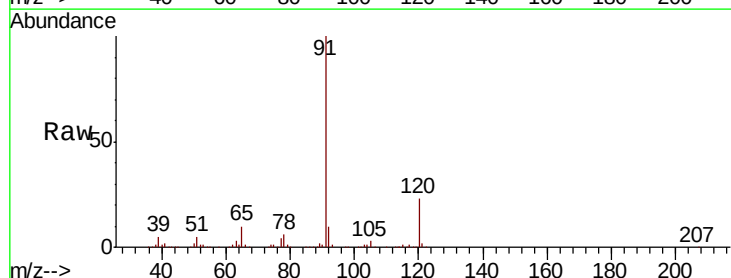
Acq: 10 Feb 2020 13:28

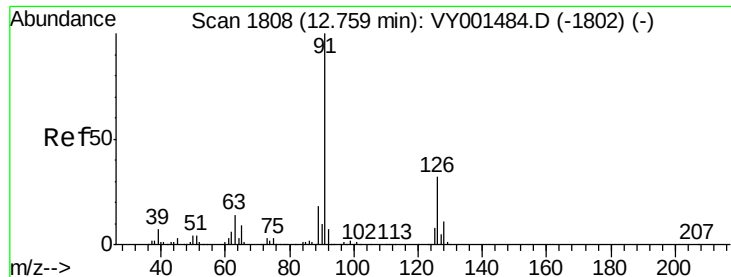
Tgt Ion: 91 Resp: 250737

Ion Ratio Lower Upper

91 100

120 22.5 11.4 34.2





#79

2-Chlorotoluene

Concen: 17.367 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0210SBS01

Tot Ion: 91 Resp: 141019

Ion Ratio Lower Upper

91 100

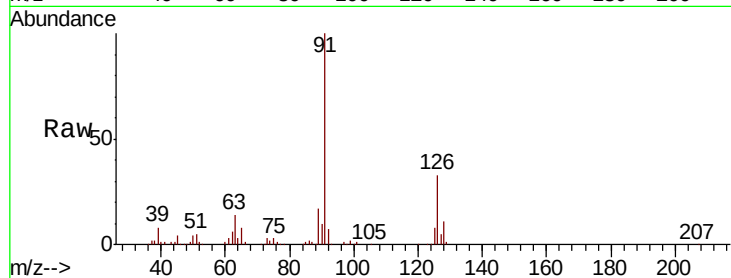
126 33.5 16.4 49.2

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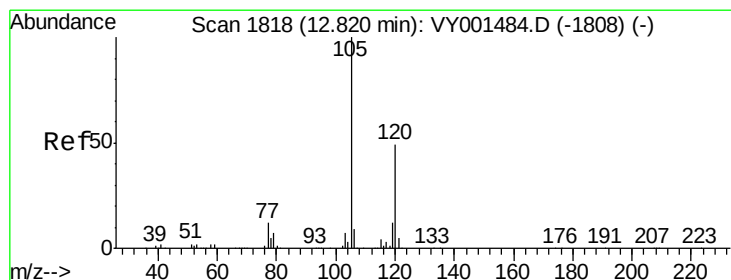
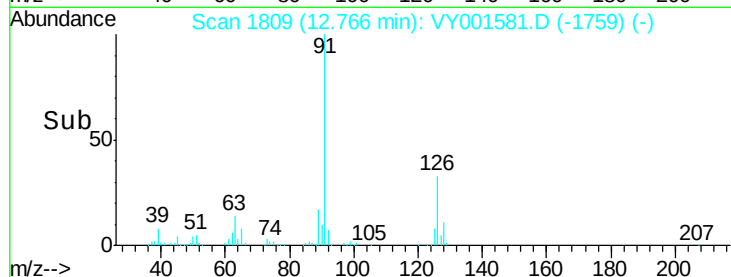
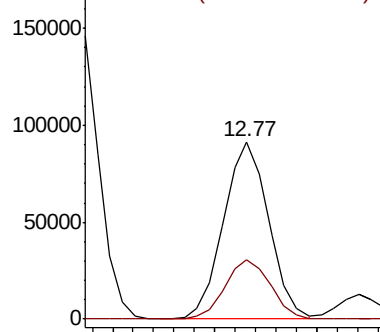
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Abundance Ion 91.00 (90.70 to 91.70): VY001581.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.278 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY001581.D

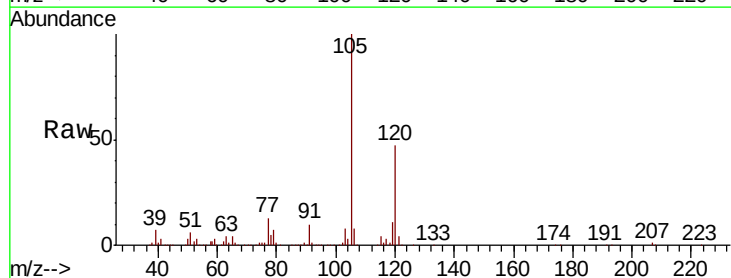
Acq: 10 Feb 2020 13:28

Tgt Ion: 105 Resp: 173139

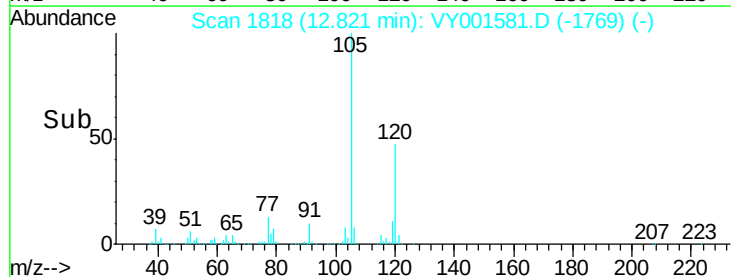
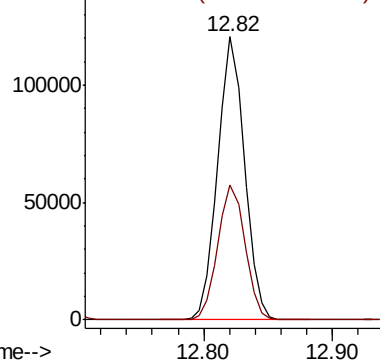
Ion Ratio Lower Upper

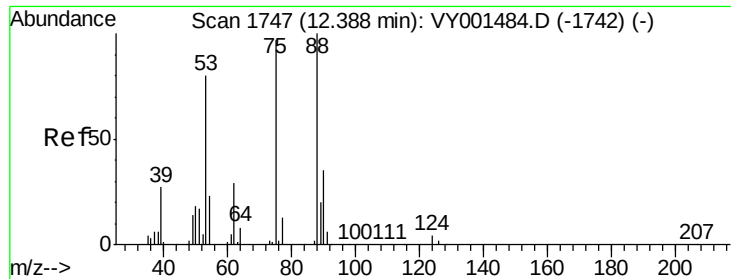
105 100

120 48.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VY001581.D (-1769) (-)





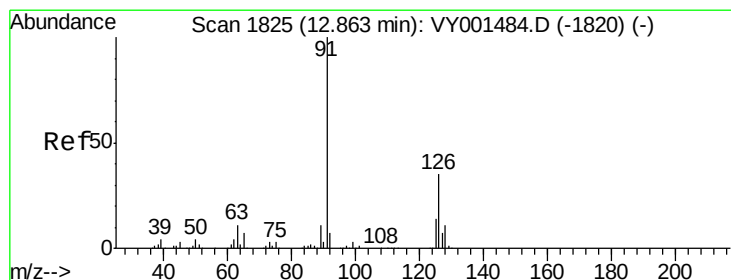
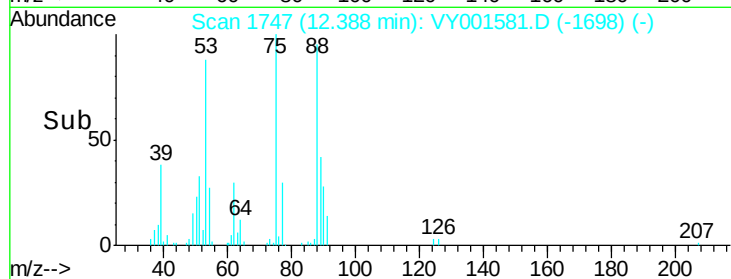
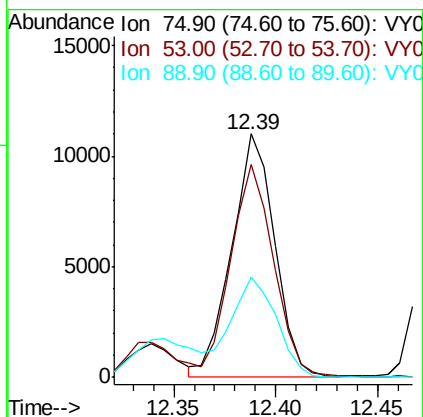
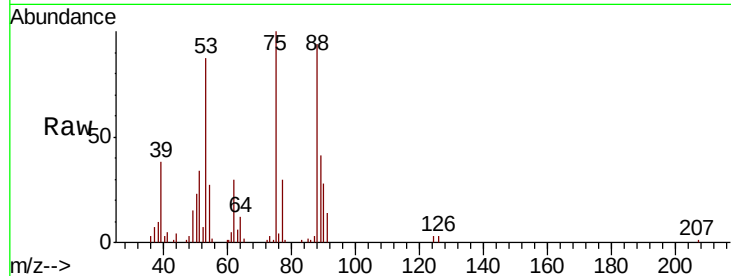
#81
trans-1,4-Dichloro-2-butene
Concen: 18.561 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.0	67.7	101.5
89	44.4	34.6	52.0

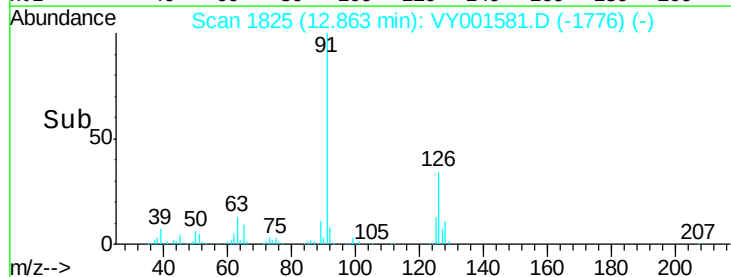
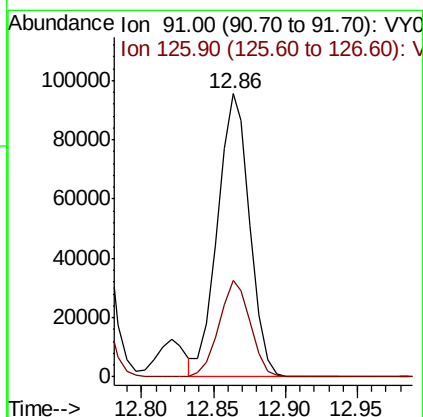
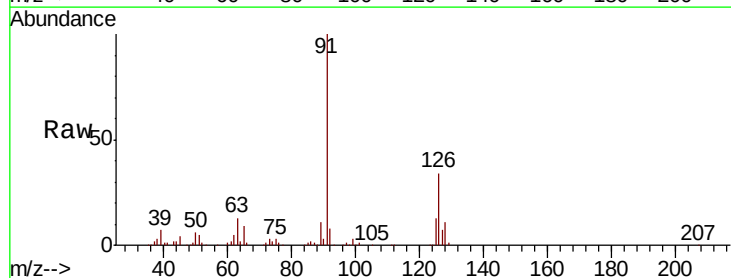
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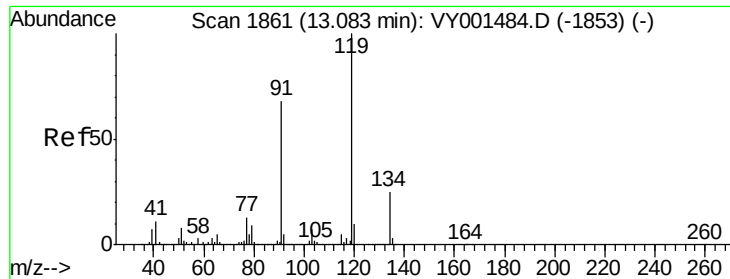
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#82
4-Chlorotoluene
Concen: 17.497 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.5	49.5





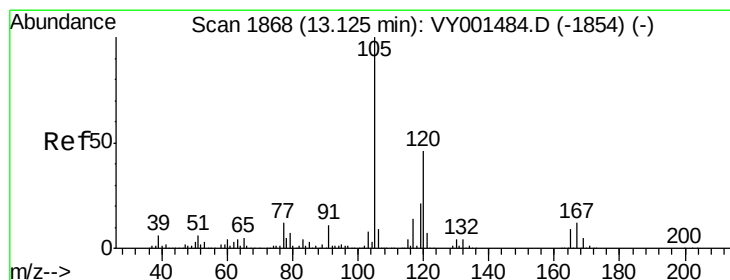
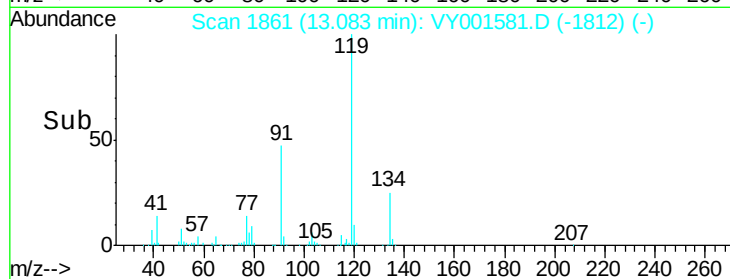
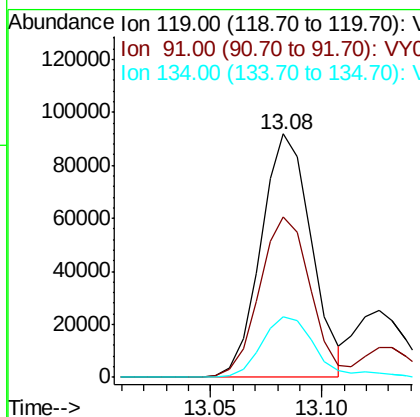
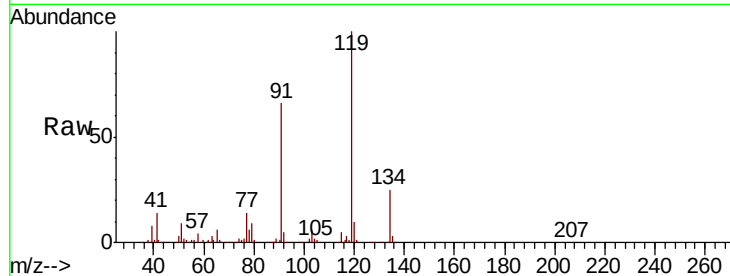
#83
 tert-Butylbenzene
 Concen: 17.064 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0210SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.9	33.1	99.3
134	26.8	13.0	39.0

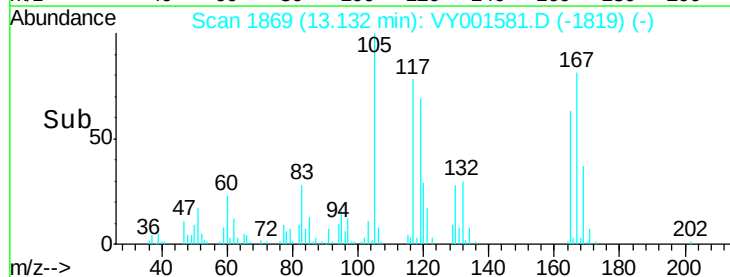
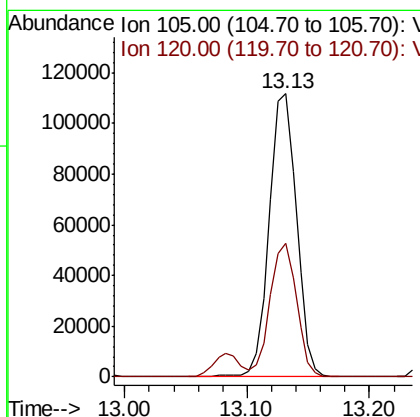
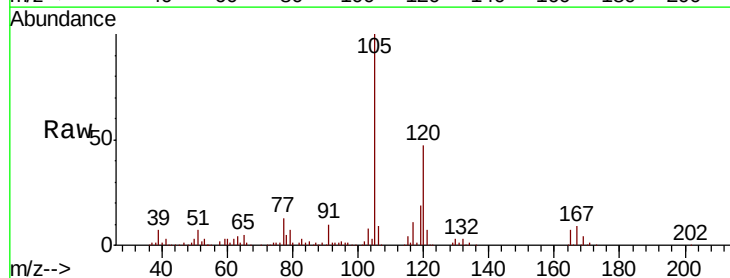
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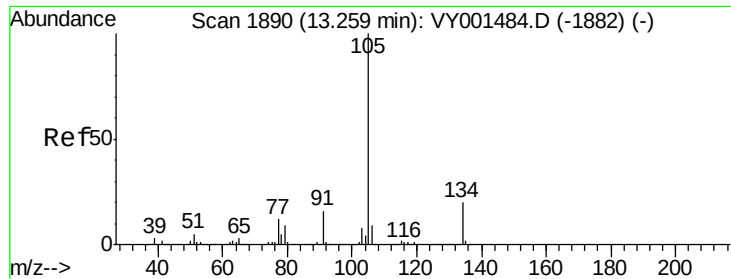
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.504 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.4	67.0





#85

sec-Butylbenzene

Concen: 17.736 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0210SBS01

Tot Ion:105 Resp: 211228

Ion Ratio Lower Upper

105 100

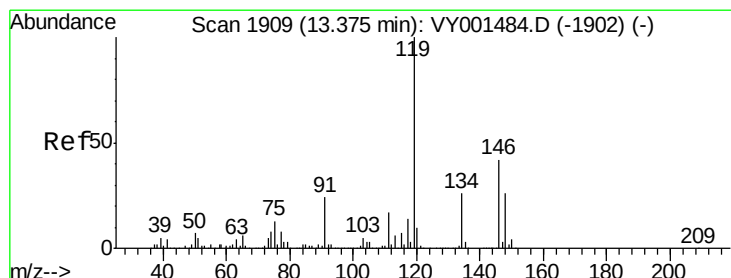
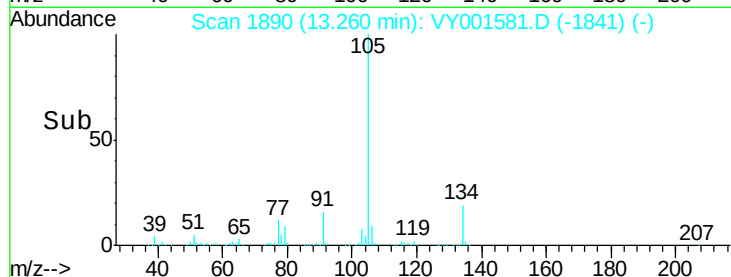
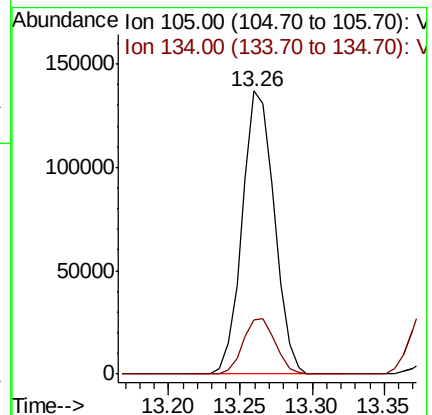
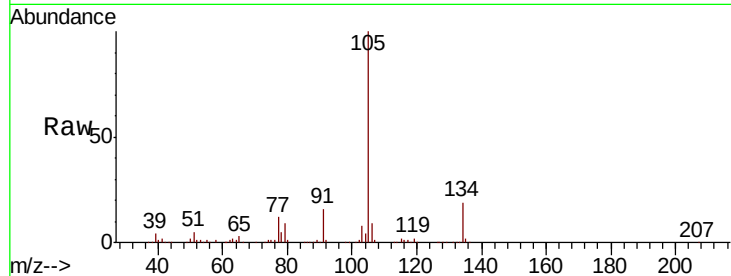
134 19.7 10.0 29.8

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2/11/2020 6:11:05 PM



#86

p-Isopropyltoluene

Concen: 18.024 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY001581.D

Acq: 10 Feb 2020 13:28

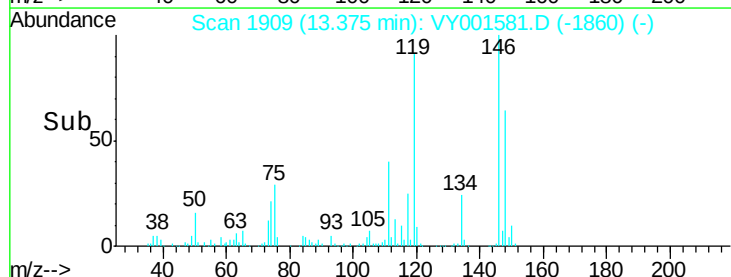
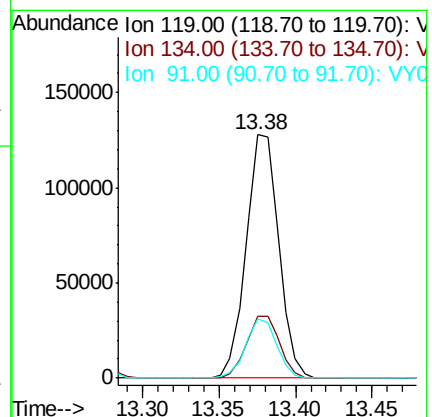
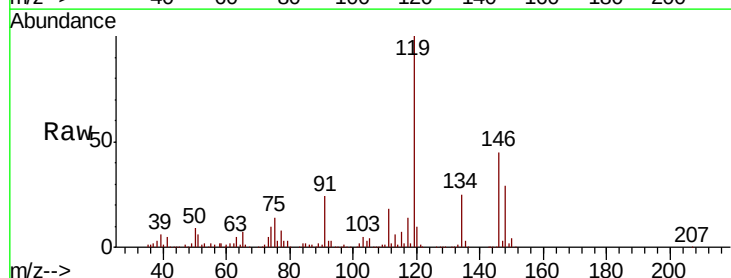
Tgt Ion:119 Resp: 189157

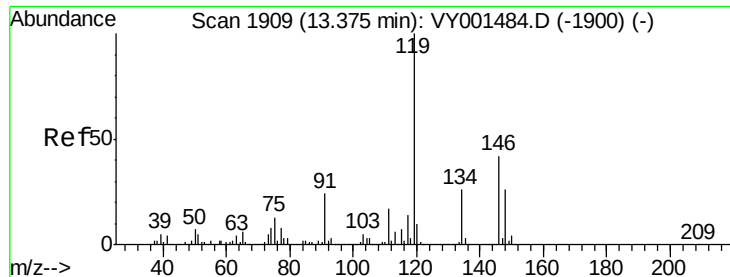
Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.8

91 23.3 12.2 36.6





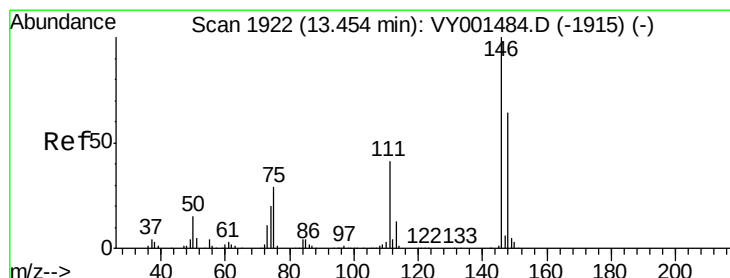
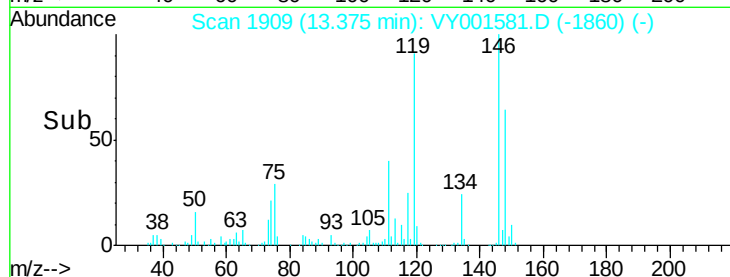
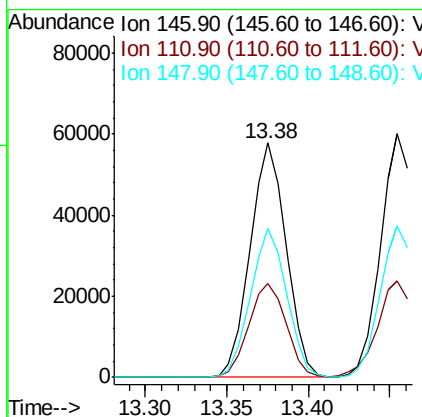
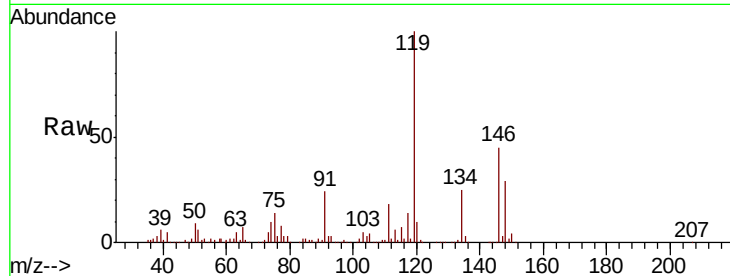
#87
 1,3-Dichlorobenzene
 Concen: 18.088 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0210SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.3	63.9
148	63.7	31.9	95.7

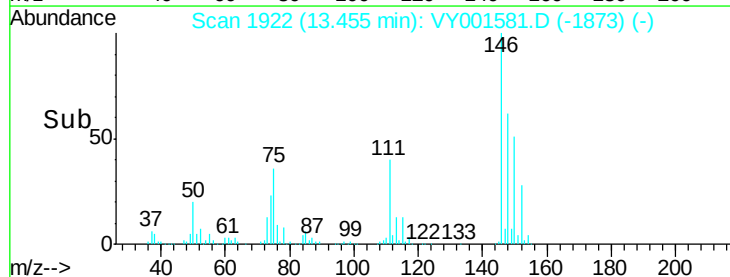
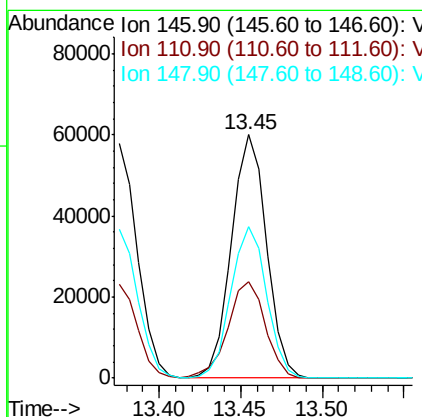
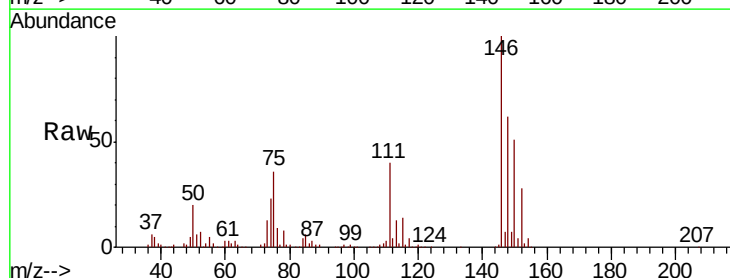
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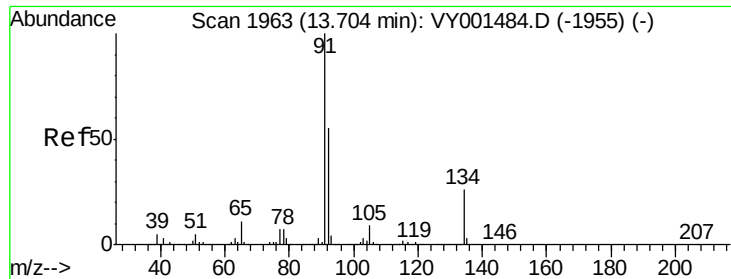
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#88
 1,4-Dichlorobenzene
 Concen: 18.242 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.7	62.1
148	63.2	32.1	96.5





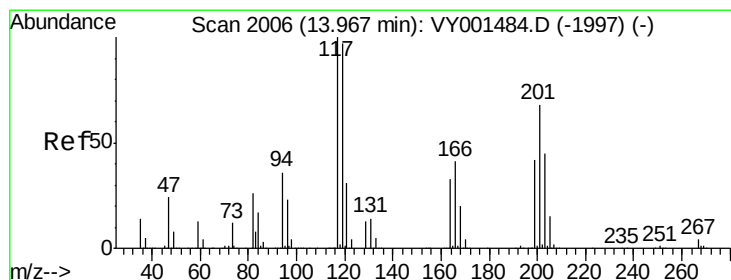
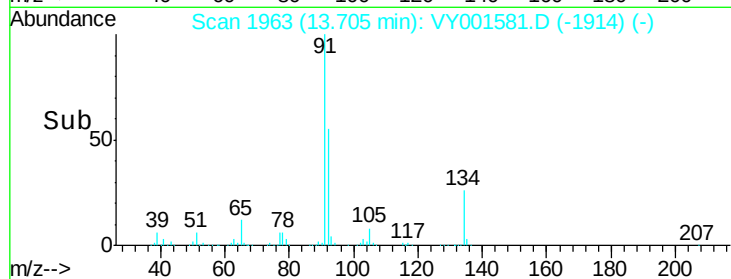
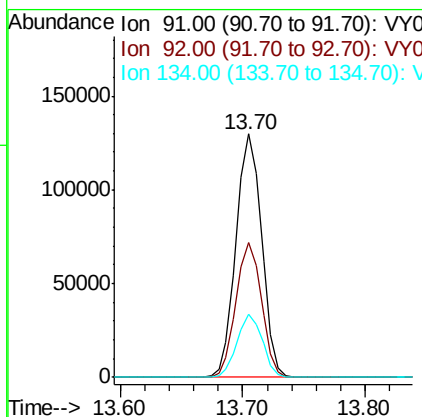
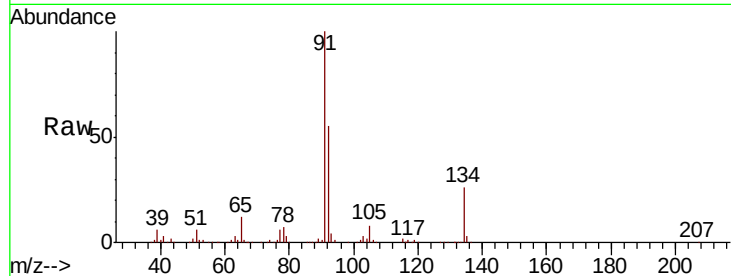
#89
n-Butylbenzene
Concen: 18.154 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.3	81.9
134	25.6	13.0	38.9

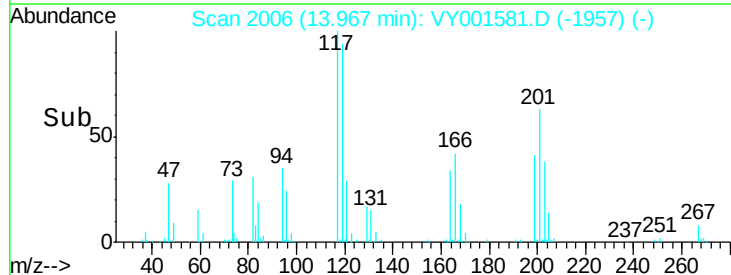
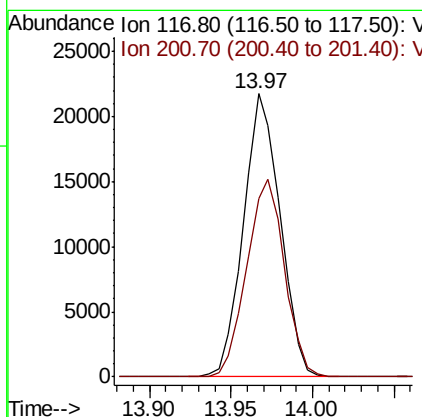
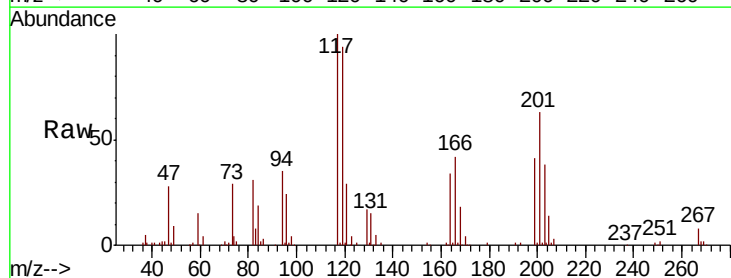
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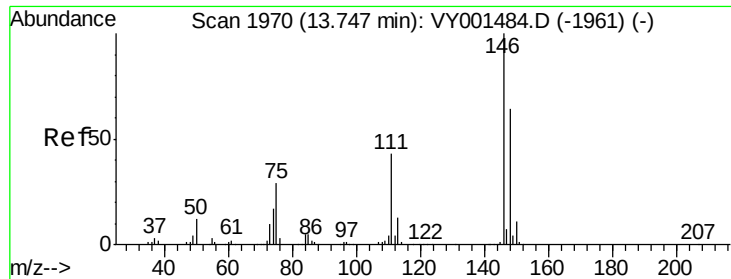
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#90
Hexachloroethane
Concen: 16.948 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.8	34.1	102.3





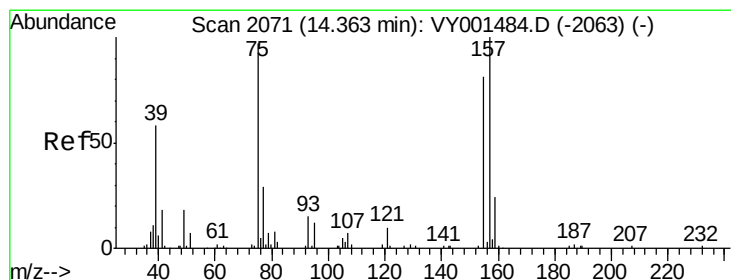
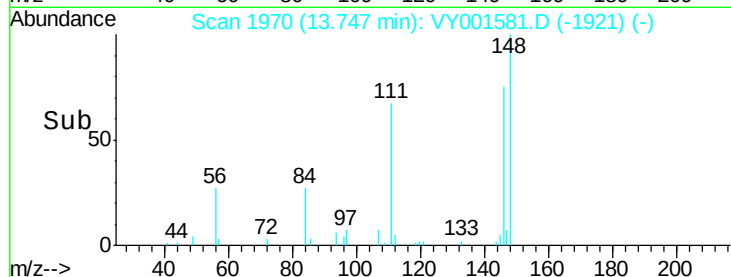
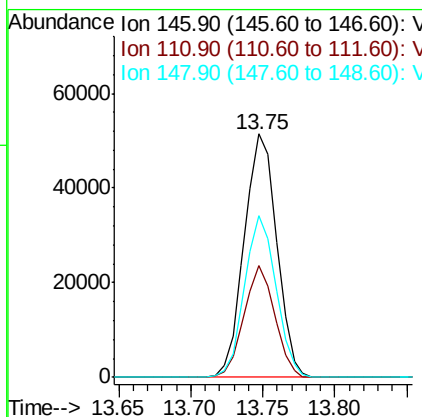
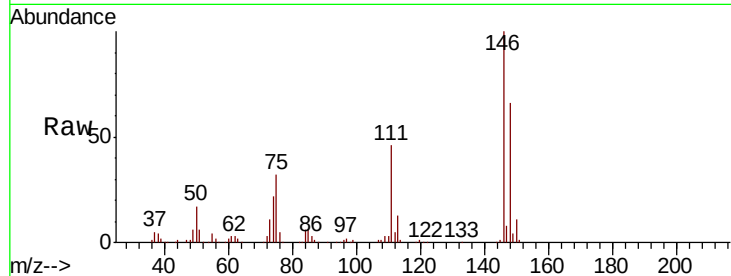
#91
 1,2-Dichlorobenzene
 Concen: 17.955 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0210SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.9	65.8
148	64.2	31.8	95.3

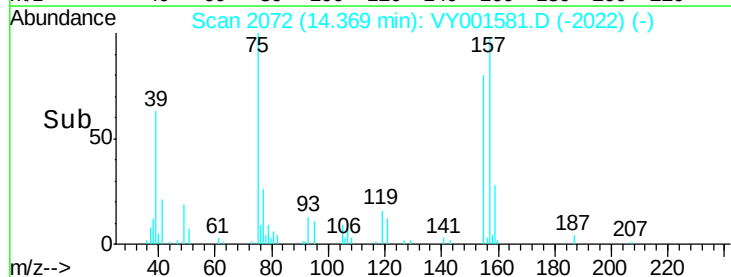
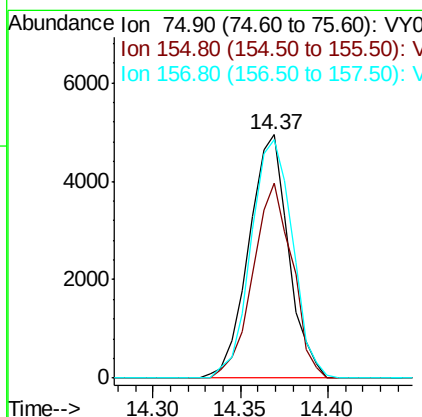
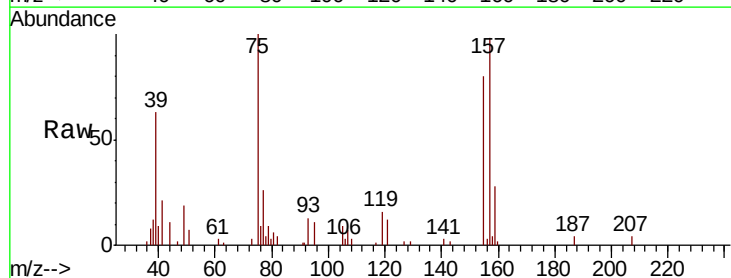
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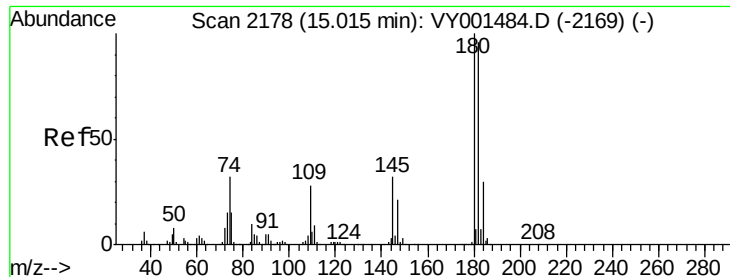
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.720 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.3	40.7	122.1
157	102.4	52.3	157.1





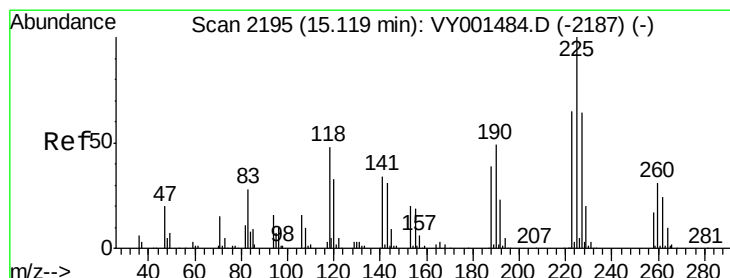
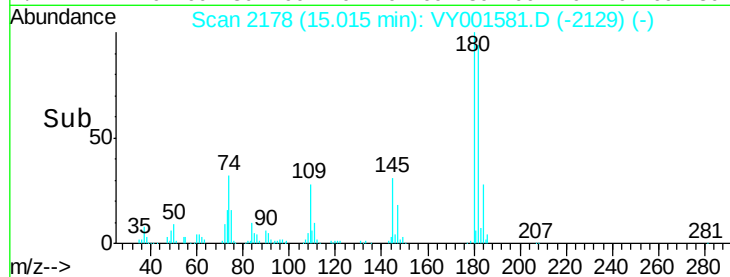
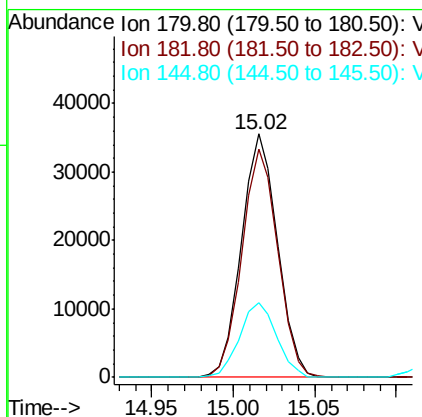
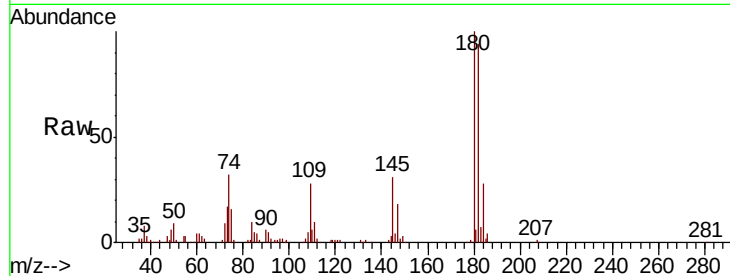
#93
 1,2,4-Trichlorobenzene
 Concen: 18.159 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0210SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.9	140.7
145	31.4	16.8	50.3

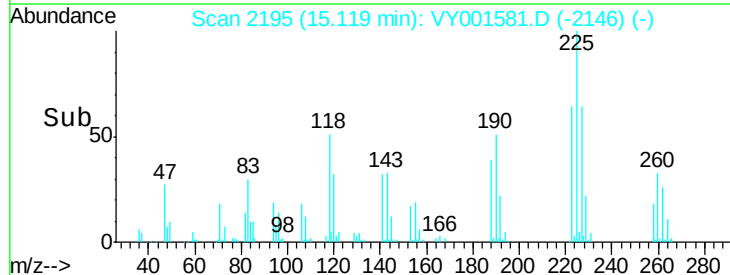
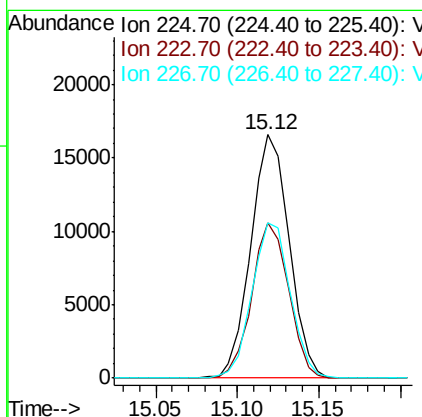
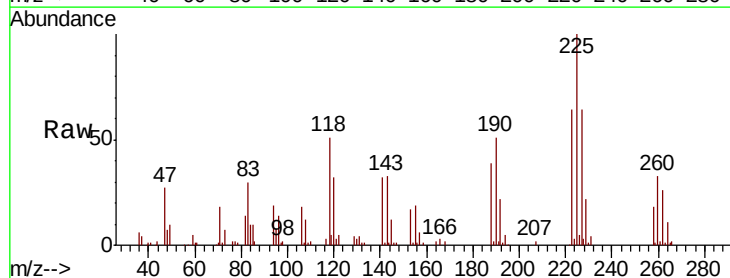
Manual Integrations
 APPROVED

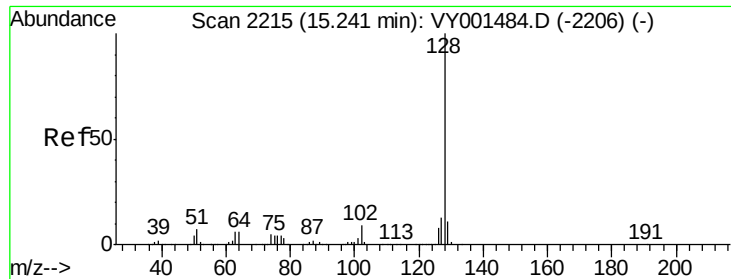
MMDadoda
 2/11/2020 6:11:05 PM



#94
 Hexachlorobutadiene
 Concen: 17.681 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY001581.D
 Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.9	95.7
227	63.4	32.6	97.7





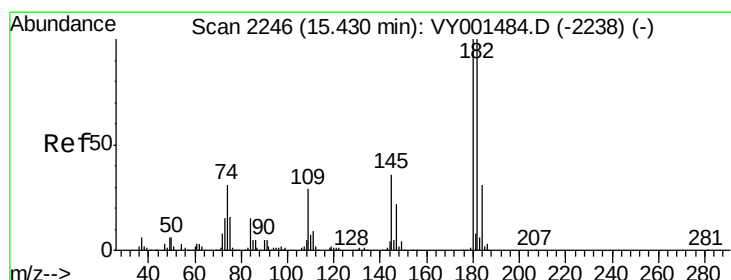
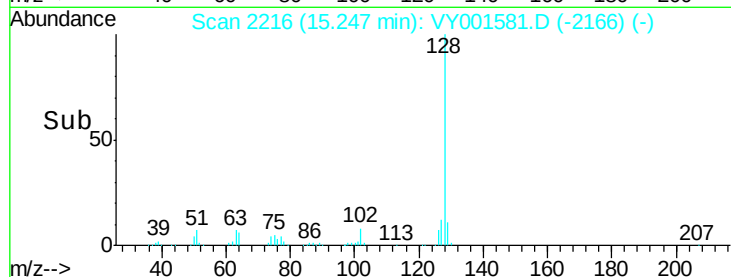
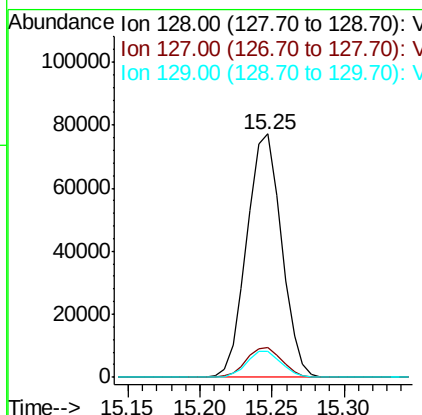
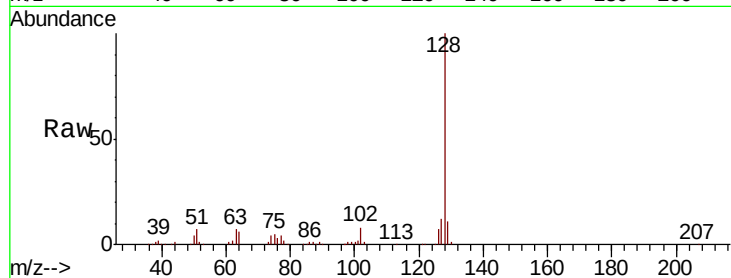
#95
Naphthalene
Concen: 18.208 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
2/11/2020 6:11:05 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.191 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VY001581.D
Acq: 10 Feb 2020 13:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	33.4	17.8	53.5

