

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001373.D
 Acq On : 24 Jan 2020 11:54
 Operator : SY/MD
 Sample : VY0124SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 12:01:51 PM

Quant Time: Jan 25 04:10:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	194692	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	331933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	289481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	135991	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	100749	47.56	ug/l	0.00
Spiked Amount						
			Recovery	=	95.12%	
35) Dibromofluoromethane	7.74	113	95621	49.08	ug/l	-0.01
Spiked Amount						
			Recovery	=	98.16%	
50) Toluene-d8	10.19	98	396052	52.33	ug/l	0.00
Spiked Amount						
			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.49	95	141911	47.08	ug/l	0.00
Spiked Amount						
			Recovery	=	94.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	32684	21.288	ug/l	99
3) Chloromethane	2.12	50	44871	19.337	ug/l	96
4) Vinyl Chloride	2.26	62	47959	19.821	ug/l	93
5) Bromomethane	2.66	94	31662	19.430	ug/l	100
6) Chloroethane	2.80	64	29781	19.262	ug/l	99
7) Trichlorofluoromethane	3.14	101	62153	20.077	ug/l	96
8) Diethyl Ether	3.54	74	22307	17.069	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	40077	20.328	ug/l	98
10) Methyl Iodide	4.11	142	45403	17.461	ug/l	98
11) Tert butyl alcohol	4.98	59	21721	67.390	ug/l	96
12) 1,1-Dichloroethene	3.89	96	40399	19.543	ug/l	92
13) Acrolein	3.75	56	16451	96.782	ug/l	97
14) Allyl chloride	4.50	41	68137	18.484	ug/l	98
15) Acrylonitrile	5.19	53	53658	80.212	ug/l	99
16) Acetone	3.97	43	46635	78.359	ug/l	96
17) Carbon Disulfide	4.21	76	127129	19.555	ug/l	99
18) Methyl Acetate	4.50	43	27625	15.463	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	102873	16.997	ug/l	98
20) Methylene Chloride	4.74	84	50103	16.295	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	44980	18.733	ug/l	97
22) Diisopropyl ether	6.14	45	137752	17.598	ug/l	96
23) Vinyl Acetate	6.08	43	433359	85.274	ug/l	99
24) 1,1-Dichloroethane	6.05	63	77128	18.693	ug/l	98
25) 2-Butanone	7.01	43	71740	77.801	ug/l	99
26) 2,2-Dichloropropane	7.00	77	67387	18.335	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	50212	18.711	ug/l	99
28) Bromochloromethane	7.36	49	30161	17.725	ug/l	97
29) Tetrahydrofuran	7.37	42	45112	75.199	ug/l	100
30) Chloroform	7.53	83	72084	17.824	ug/l	100
31) Cyclohexane	7.80	56	81354	19.859	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	64737	18.958	ug/l	100
36) 1,1-Dichloropropene	7.94	75	61785	19.702	ug/l	99
37) Ethyl Acetate	7.10	43	32441	16.932	ug/l	99
38) Carbon Tetrachloride	7.92	117	56727	20.297	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	83775	20.854	ug/l	96
40) Benzene	8.18	78	182631	19.423	ug/l	98
41) Methacrylonitrile	7.34	41	17454m	17.653	ug/l	
42) 1,2-Dichloroethane	8.25	62	48200	18.346	ug/l	99
43) Isopropyl Acetate	8.29	43	62221	16.701	ug/l	99
44) Trichloroethene	8.96	130	46999	19.478	ug/l	97
45) 1,2-Dichloropropane	9.23	63	44530	18.734	ug/l	100
46) Dibromomethane	9.32	93	22281	17.460	ug/l	99
47) Bromodichloromethane	9.51	83	57501	18.849	ug/l	97
48) Methyl methacrylate	9.30	41	28400	16.768	ug/l	100
49) 1,4-Dioxane	9.32	88	5915	328.694	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	155946	81.280	ug/l	99
52) Toluene	10.25	92	114797	19.260	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	61058	18.058	ug/l	94
54) cis-1,3-Dichloropropene	9.94	75	71739	18.485	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	33141	17.595	ug/l	97
56) Ethyl methacrylate	10.52	69	48294	16.965	ug/l	97
57) 1,3-Dichloropropane	10.80	76	58446	17.813	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	94738	96.173	ug/l	100
59) 2-Hexanone	10.85	43	109790	82.198	ug/l	100
60) Dibromochloromethane	11.00	129	37722	17.907	ug/l	99
61) 1,2-Dibromoethane	11.10	107	31672	17.788	ug/l	99
64) Tetrachloroethene	10.73	164	36756	19.878	ug/l	99
65) Chlorobenzene	11.53	112	118251	19.379	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	39699	19.065	ug/l	98
67) Ethyl Benzene	11.60	91	220972	19.651	ug/l	100
68) m/p-Xylenes	11.71	106	167091	39.785	ug/l	99
69) o-Xylene	12.04	106	79507	19.679	ug/l	98
70) Styrene	12.05	104	136316	19.230	ug/l	99
71) Bromoform	12.22	173	21075	16.954	ug/l #	100
73) Isopropylbenzene	12.34	105	213596	19.905	ug/l	100
74) N-amyl acetate	12.15	43	58816	16.744	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	39761	17.301	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	25028m	15.273	ug/l	
77) Bromobenzene	12.62	156	45368	19.088	ug/l	98
78) n-propylbenzene	12.68	91	261597	20.254	ug/l	99
79) 2-Chlorotoluene	12.77	91	144195	19.542	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	180617	20.164	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	14690	16.964	ug/l	99
82) 4-Chlorotoluene	12.86	91	153091	19.424	ug/l	99
83) tert-Butylbenzene	13.08	119	152342	20.177	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	179045	19.910	ug/l	99
85) sec-Butylbenzene	13.26	105	220815	20.584	ug/l	99
86) p-Isopropyltoluene	13.38	119	195263	20.655	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	90592	19.791	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	92466	19.895	ug/l	99
89) n-Butylbenzene	13.70	91	196435	20.647	ug/l	99
90) Hexachloroethane	13.97	117	35780	19.968	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	82366	19.511	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6589	16.615	ug/l	94

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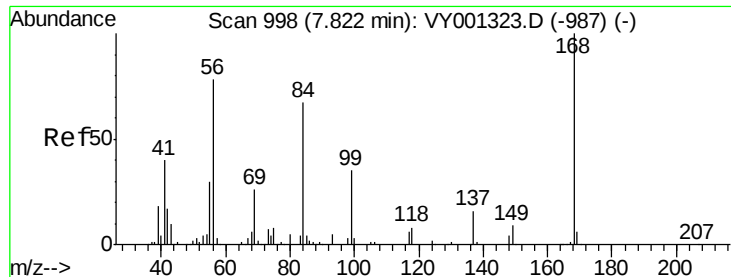
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	55084	19.442	ug/l	98
94) Hexachlorobutadiene	15.12	225	28282	20.500	ug/l	99
95) Naphthalene	15.24	128	115614	17.845	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	47646	19.170	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion:168 Resp: 194692

Ion Ratio Lower Upper

168 100

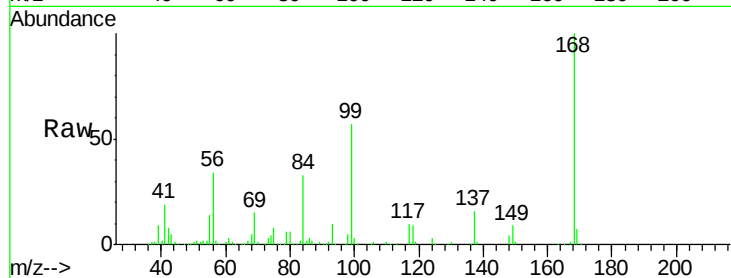
99 56.8 44.3 66.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001373.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001373.D (-949) (-)

7.81

80000

60000

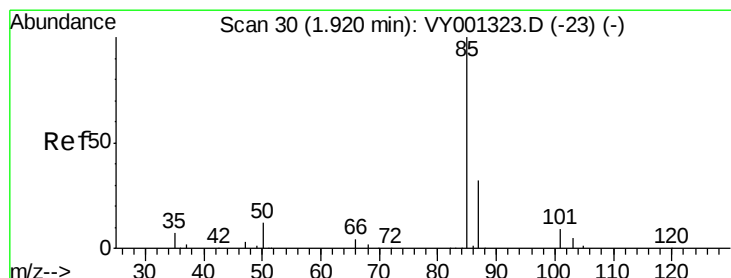
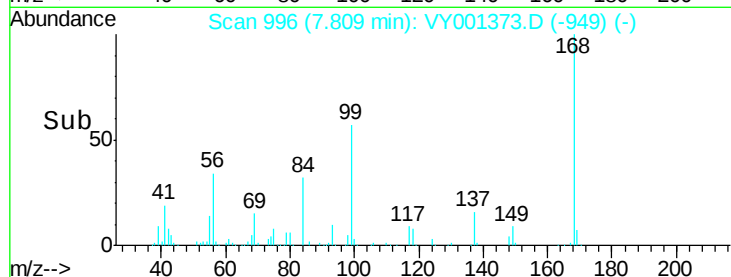
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.288 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001373.D

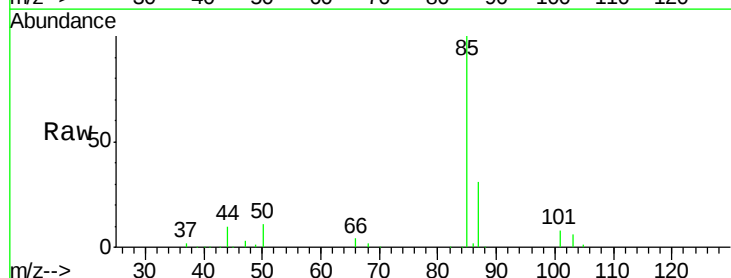
Acq: 24 Jan 2020 11:54

Tgt Ion: 85 Resp: 32684

Ion Ratio Lower Upper

85 100

87 31.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001373.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001373.D (-1) (-)

1.91

25000

20000

15000

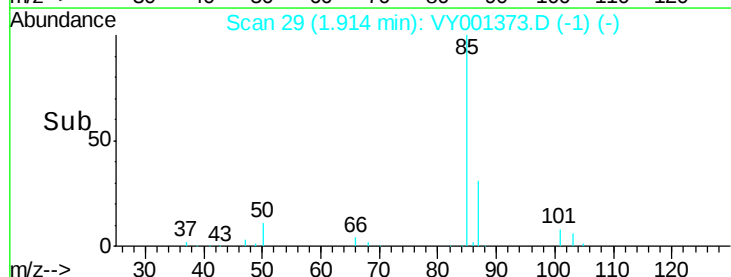
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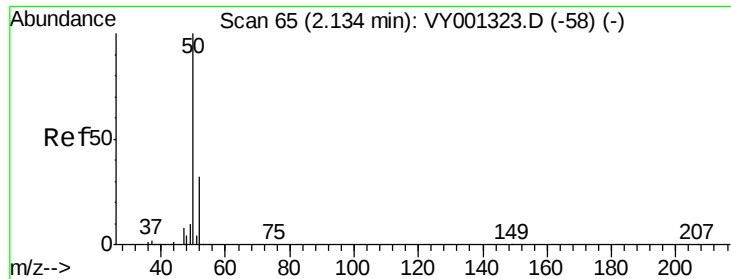
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.337 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 50 Resp: 44871

Ion Ratio Lower Upper

50 100

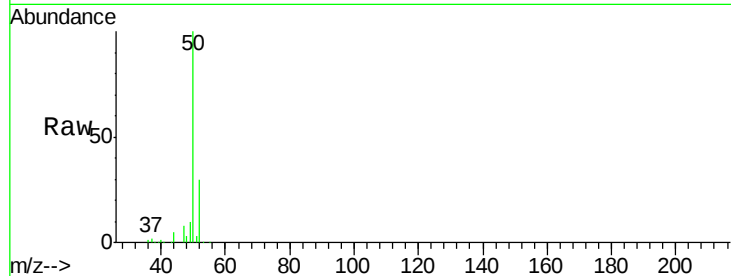
52 30.0 25.7 38.5

Manual Integrations

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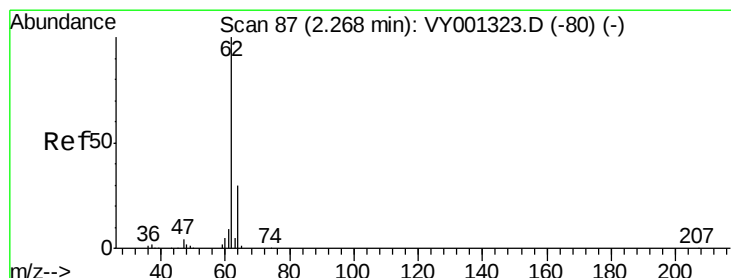
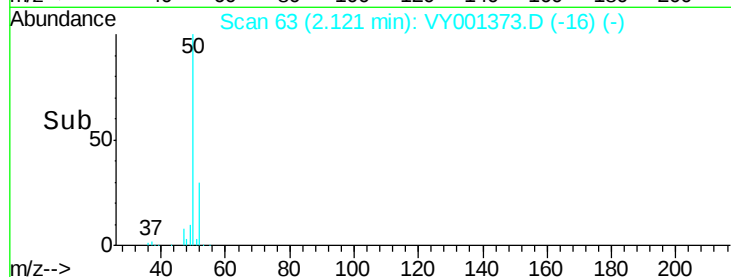
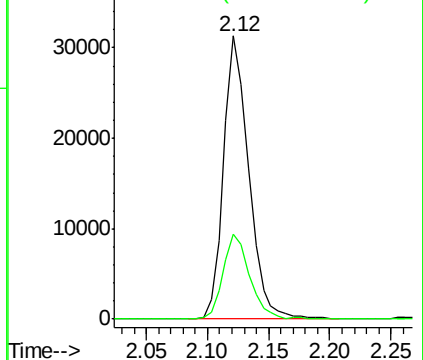
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.821 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001373.D

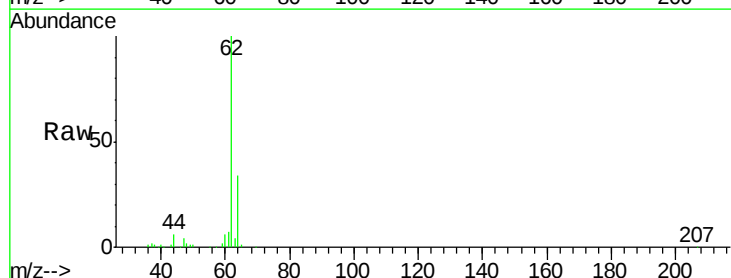
Acq: 24 Jan 2020 11:54

Tgt Ion: 62 Resp: 47959

Ion Ratio Lower Upper

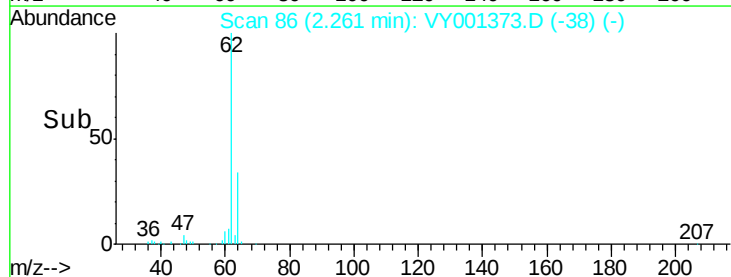
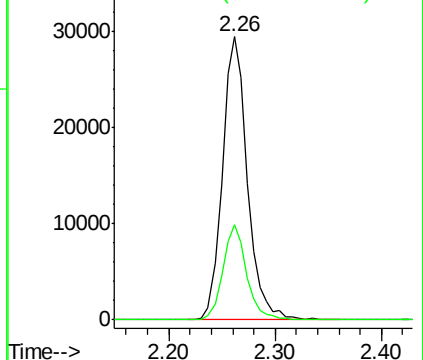
62 100

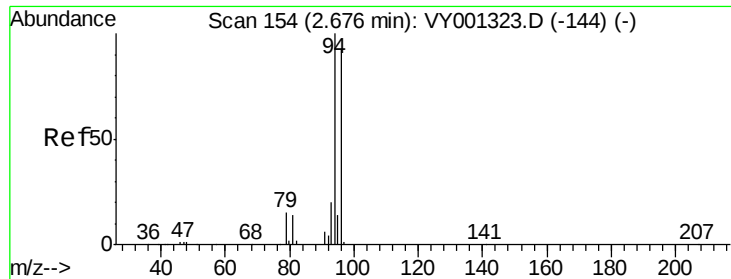
64 33.6 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.430 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.02 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 94 Resp: 31662

Ion Ratio Lower Upper

94 100

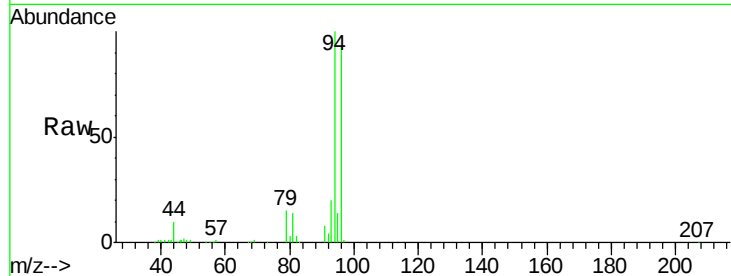
96 93.3 74.6 111.8

Manual Integrations

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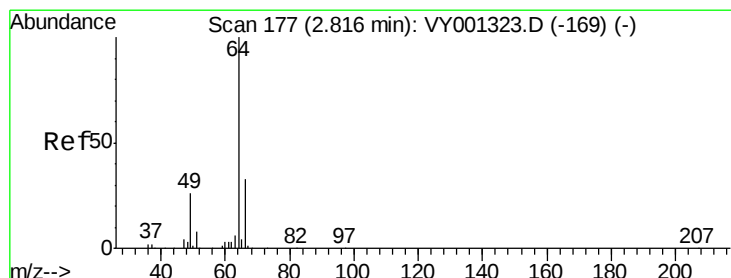
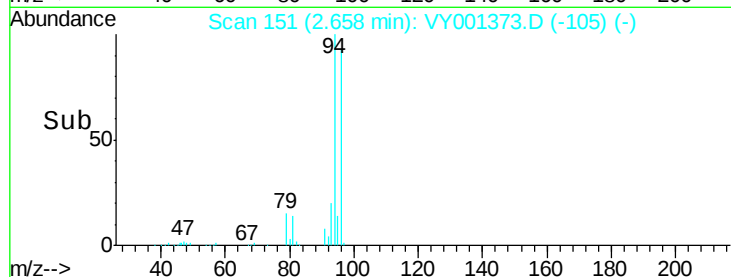
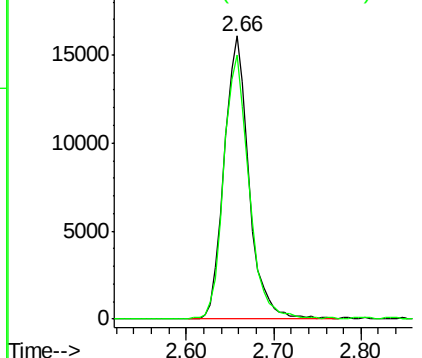
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.262 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001373.D

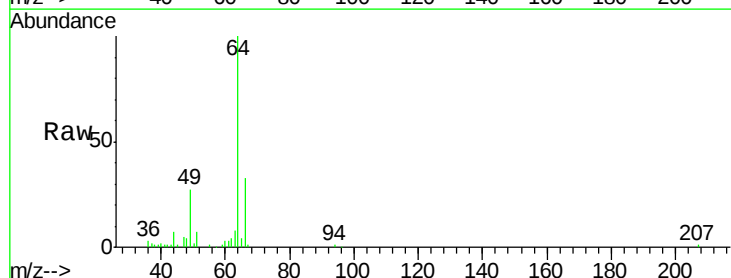
Acq: 24 Jan 2020 11:54

Tgt Ion: 64 Resp: 29781

Ion Ratio Lower Upper

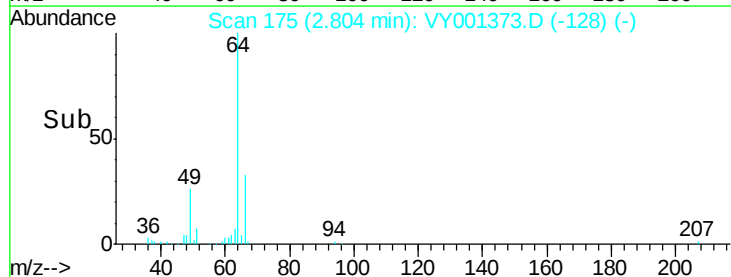
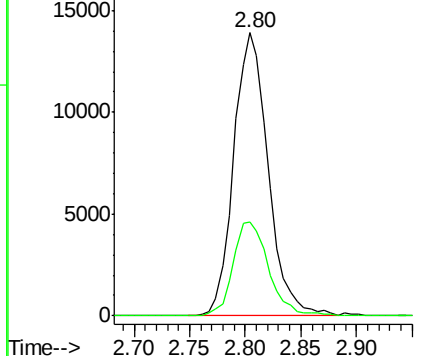
64 100

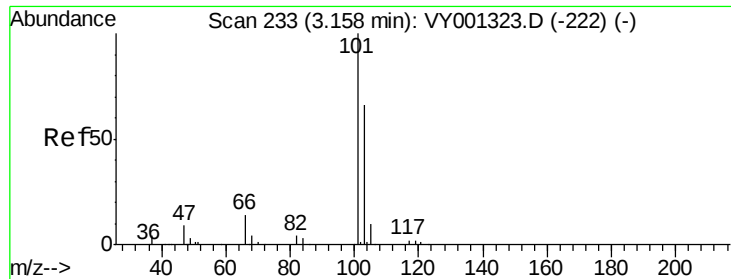
66 33.2 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

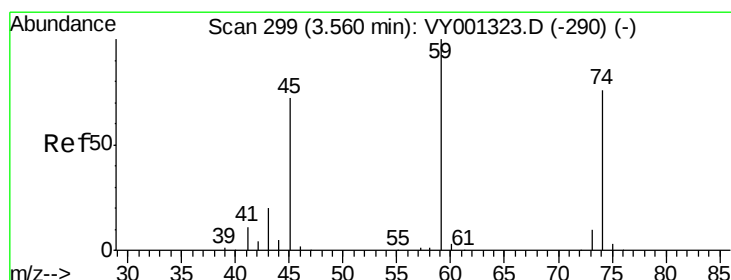
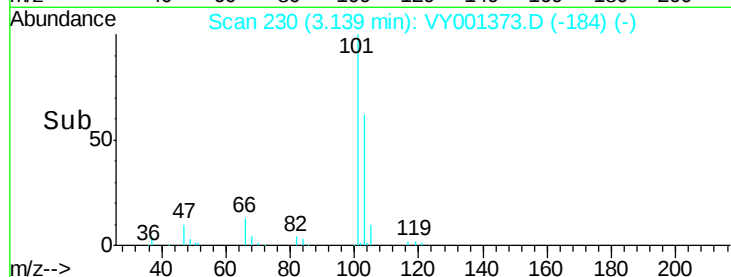
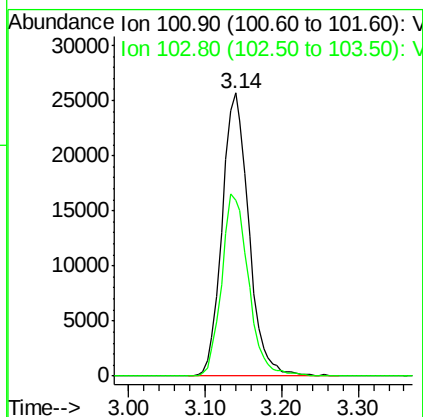
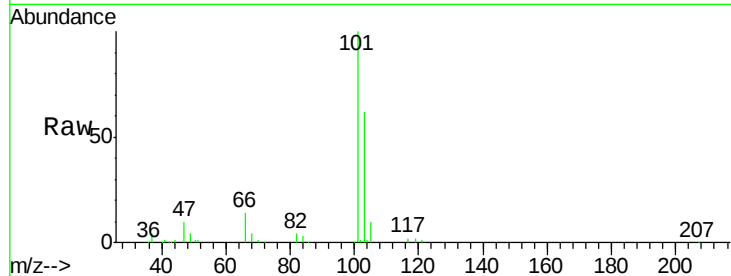
Trichlorofluoromethane
Concen: 20.077 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.02 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	52.5	78.7

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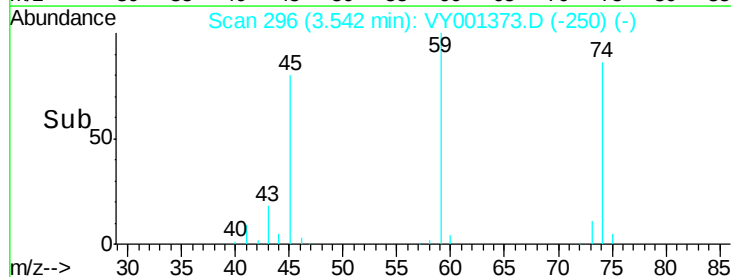
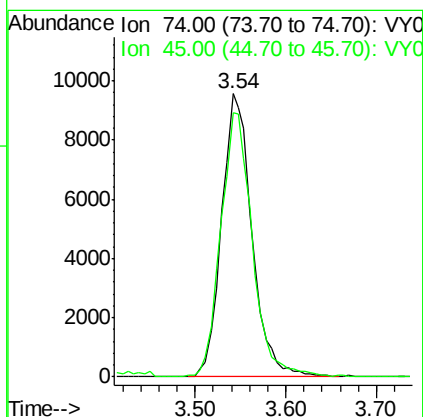
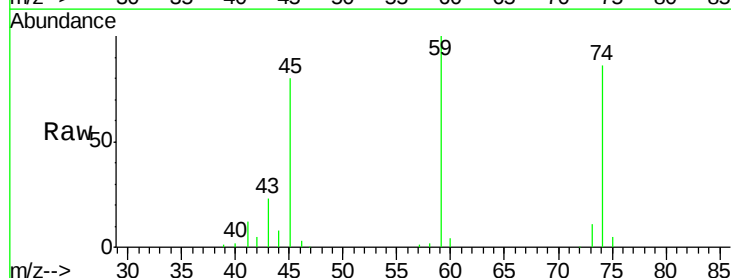
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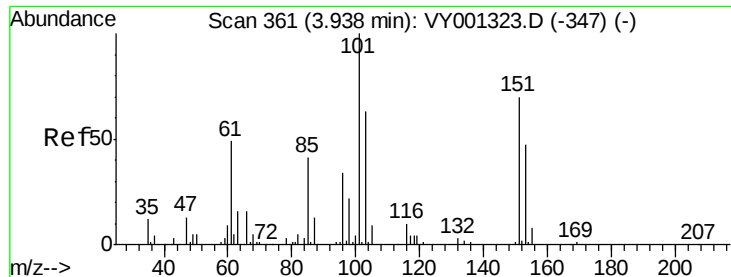


#8

Diethyl Ether
Concen: 17.069 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.02 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.328 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.02 min

Lab File: VY001373.D

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MSVOA_Y

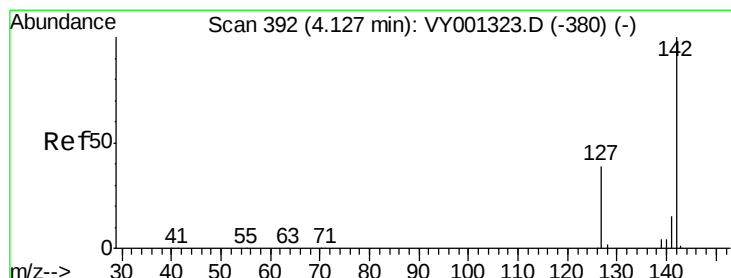
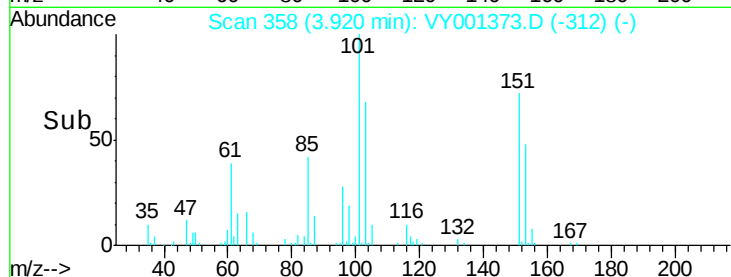
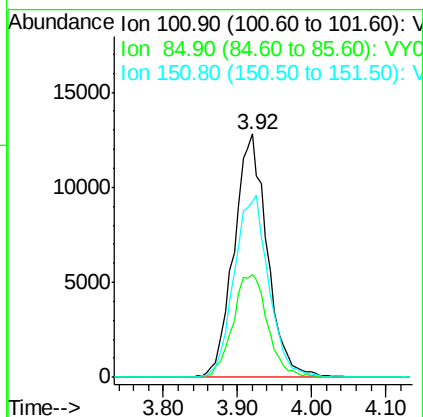
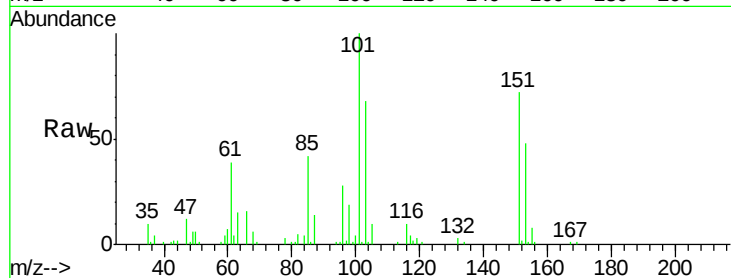
ClientSampleId :

VY0124SBS01

Tot Ion:	101	Resp:	40077
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.9	52.3
151	77.7	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 17.461 ug/l

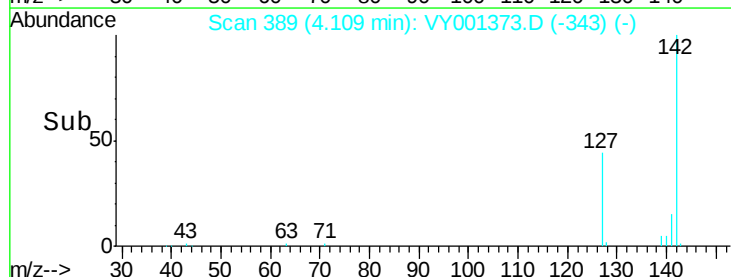
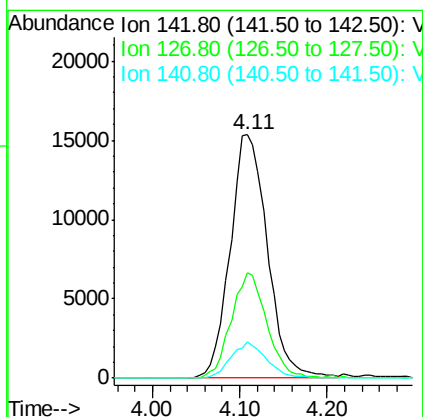
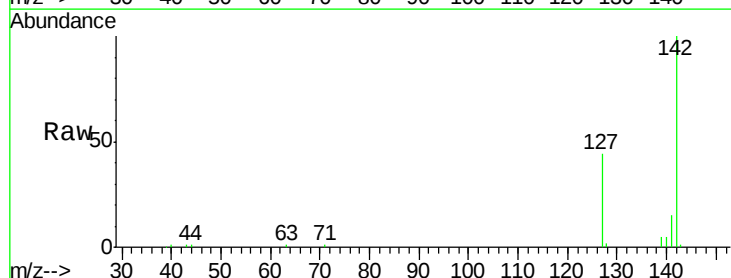
RT: 4.11 min Scan# 389

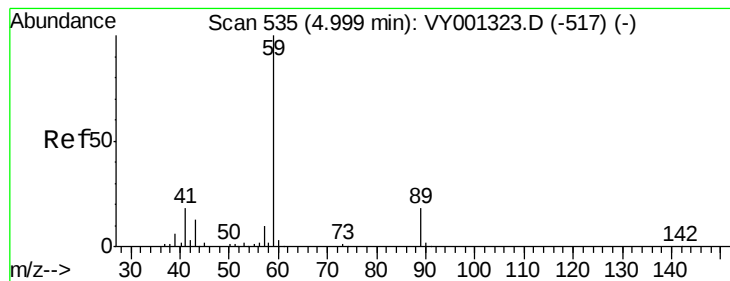
Delta R.T. -0.02 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Tgt Ion:	142	Resp:	45403
Ion Ratio	Lower	Upper	
142	100		
127	41.3	31.6	47.4
141	14.1	11.2	16.8





#11

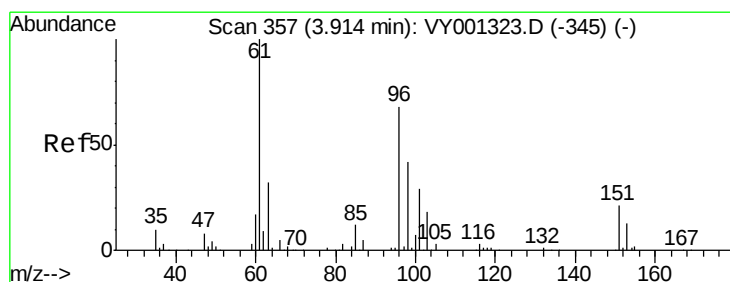
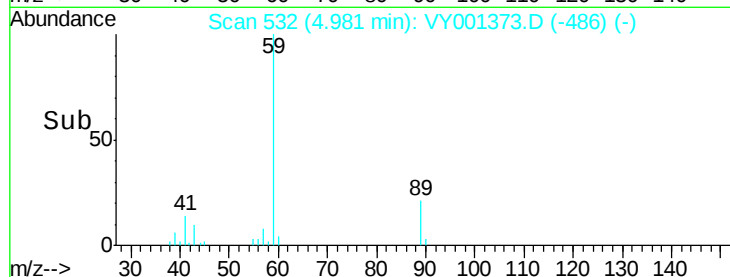
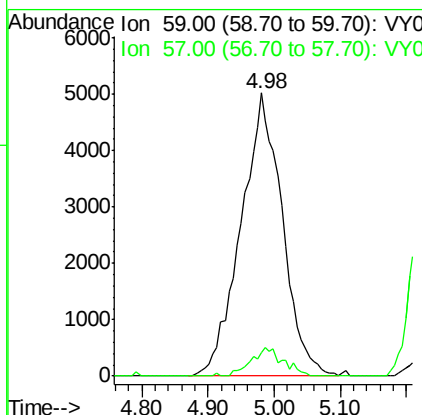
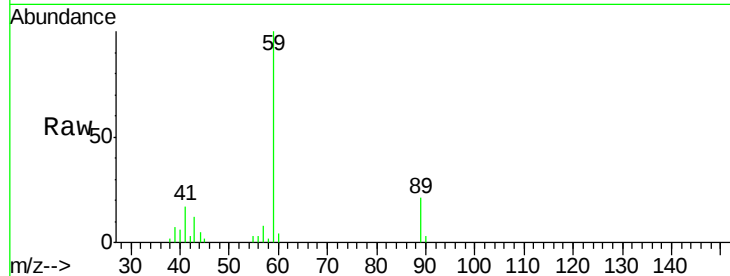
Tert butyl alcohol
 Concen: 67.390 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.0	7.4	11.2

Manual Integrations
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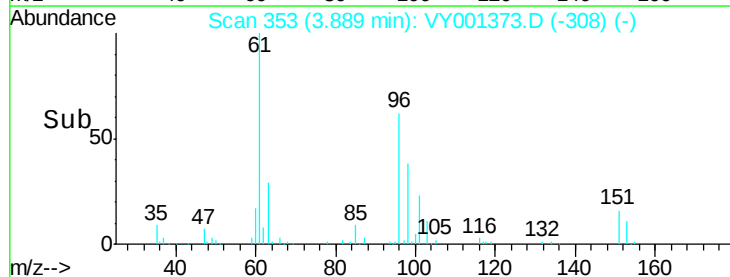
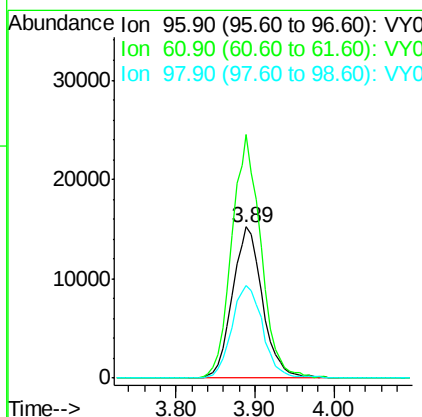
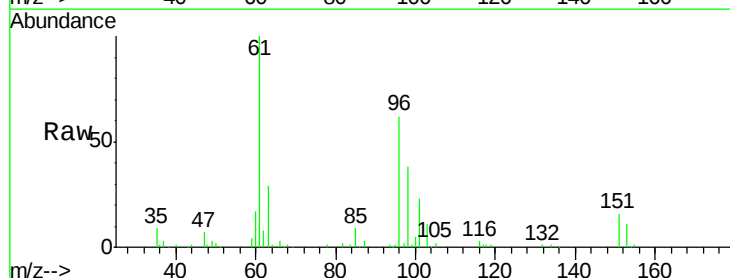
MMDadoda
 1/27/2020 12:01:51 PM

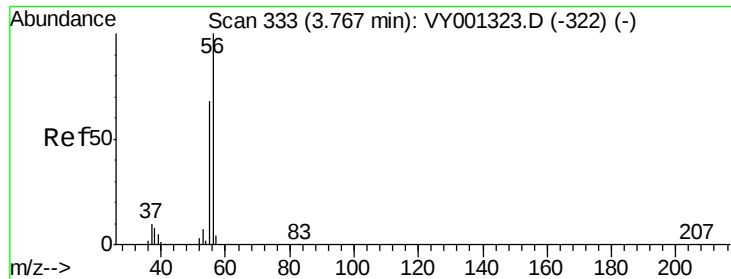


#12

1,1-Dichloroethene
 Concen: 19.543 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. -0.02 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.9	118.0	177.0
98	61.4	49.4	74.2





#13

Acrolein

Concen: 96.782 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.02 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 56 Resp: 16451

Ion Ratio Lower Upper

56 100

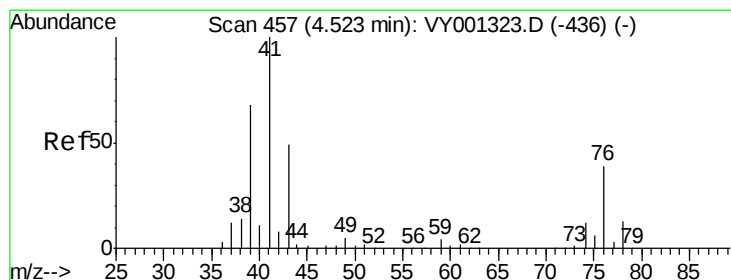
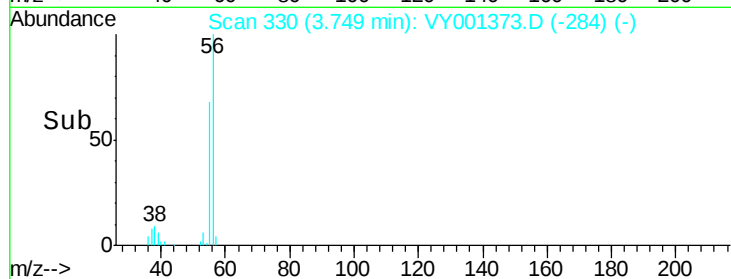
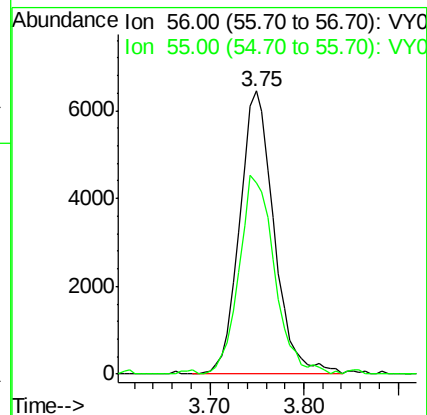
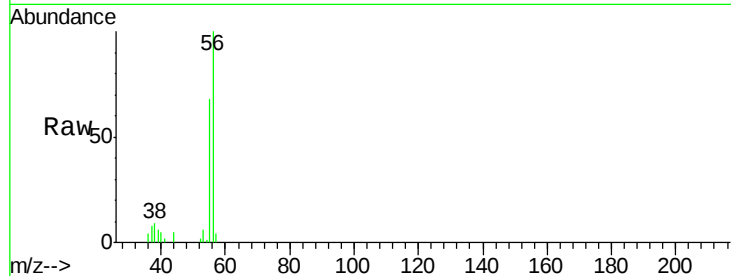
55 72.4 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 18.484 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.02 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

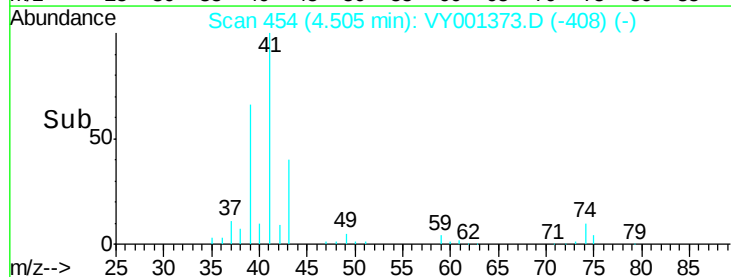
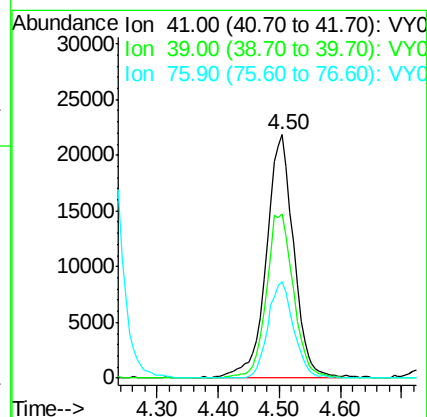
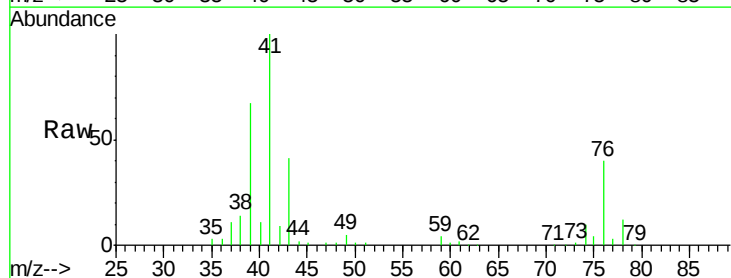
Tgt Ion: 41 Resp: 68137

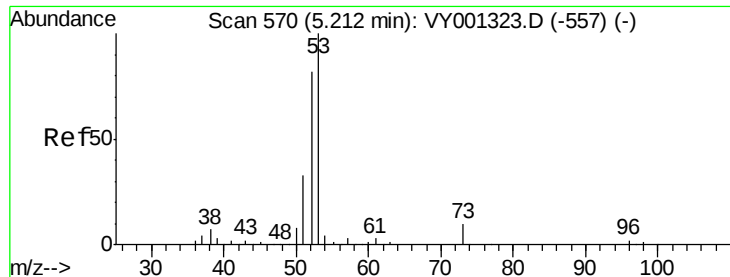
Ion Ratio Lower Upper

41 100

39 67.0 52.2 78.4

76 37.1 29.1 43.7





#15

Acrylonitrile

Concen: 80.212 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.02 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

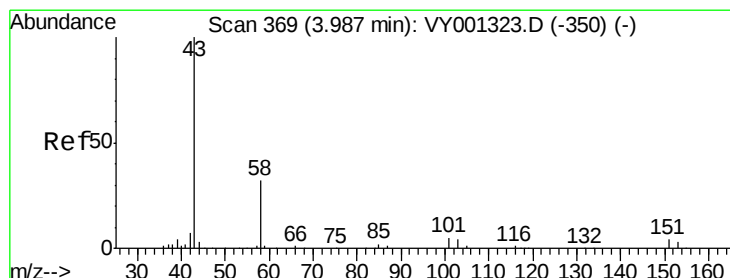
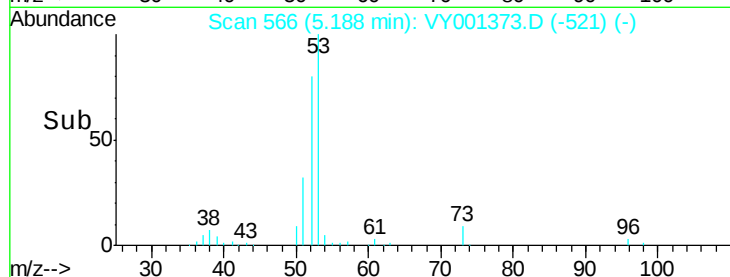
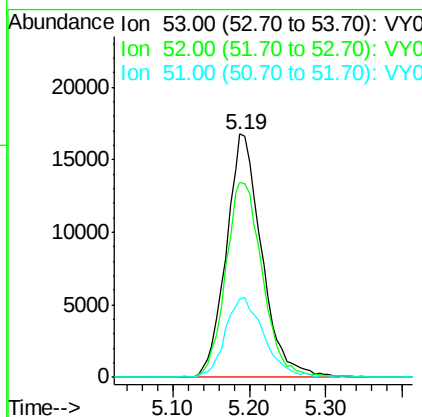
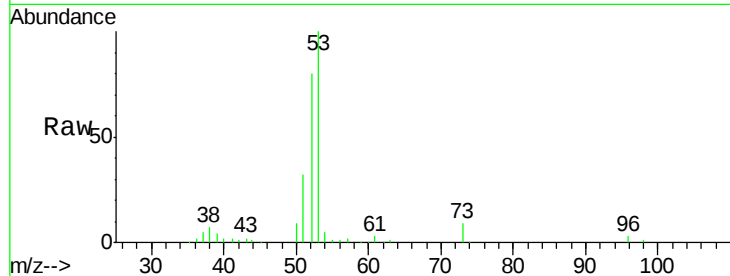
ClientSampleId :

VY0124SBS01

Tot Ion:	53	Resp:	53658
Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.3	97.9
51	35.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 78.359 ug/l

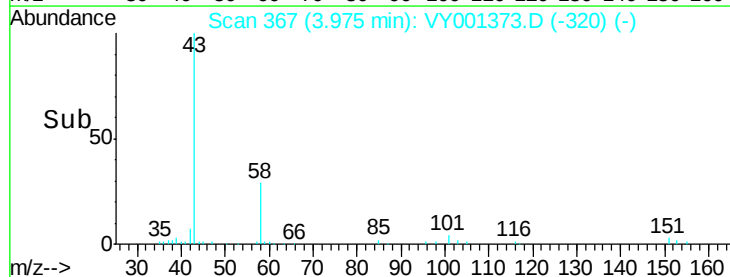
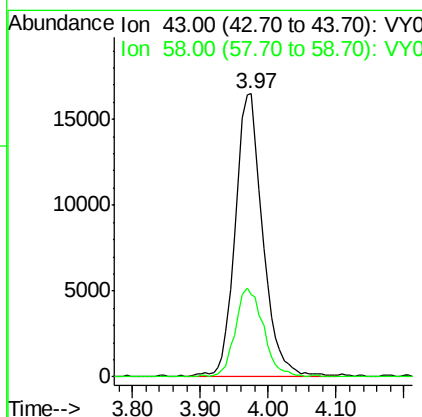
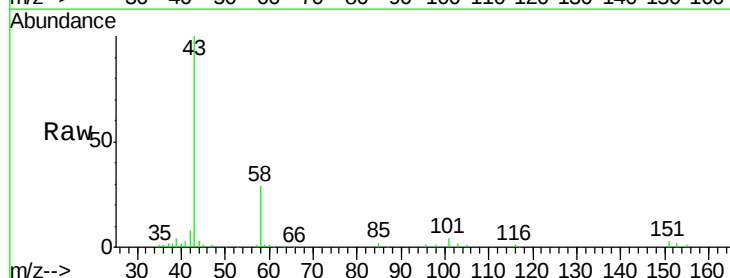
RT: 3.97 min Scan# 367

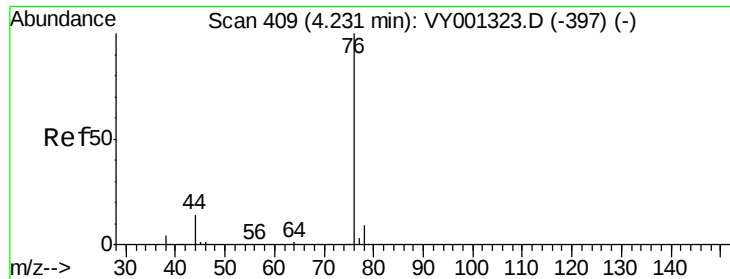
Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Tgt Ion:	43	Resp:	46635
Ion	Ratio	Lower	Upper
43	100		
58	29.2	25.4	38.0





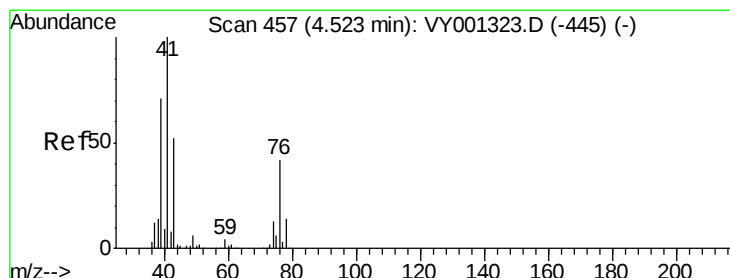
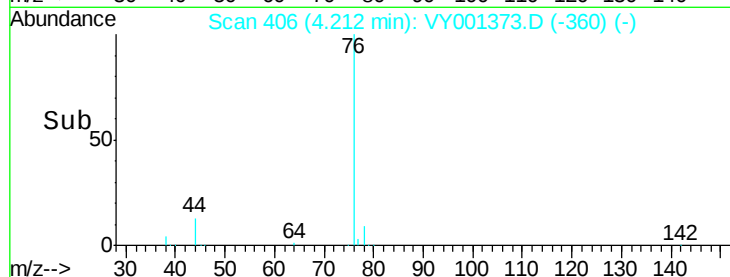
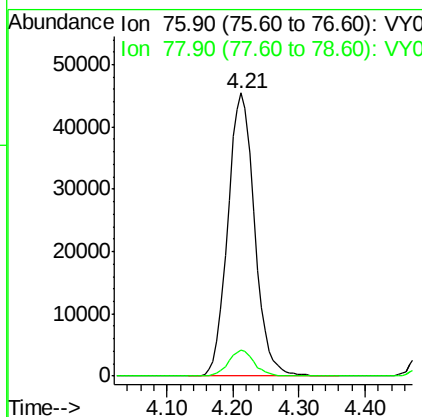
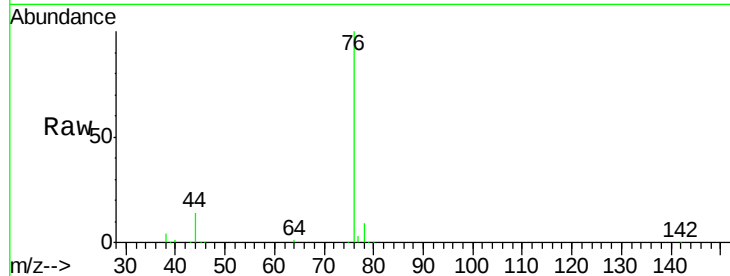
#17
Carbon Disulfide
Concen: 19.555 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.02 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6

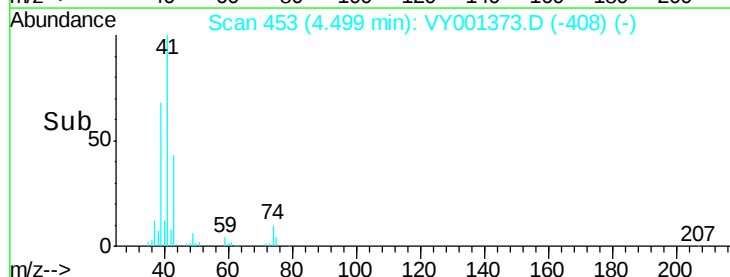
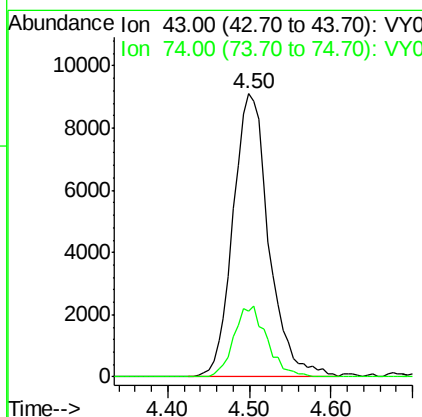
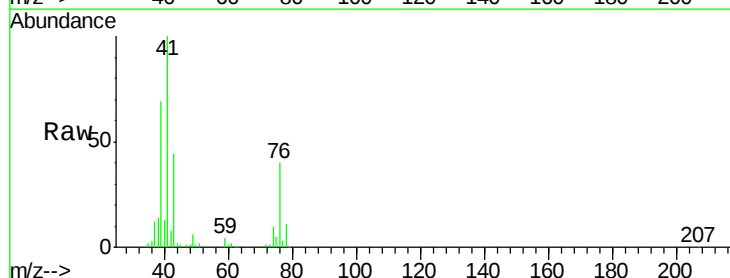
Manual Integrations
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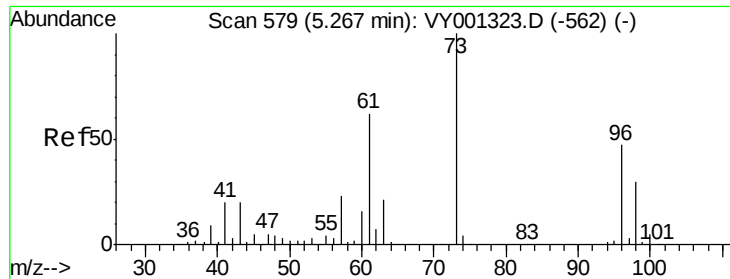
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#18
Methyl Acetate
Concen: 15.463 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.02 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	19.4	29.2





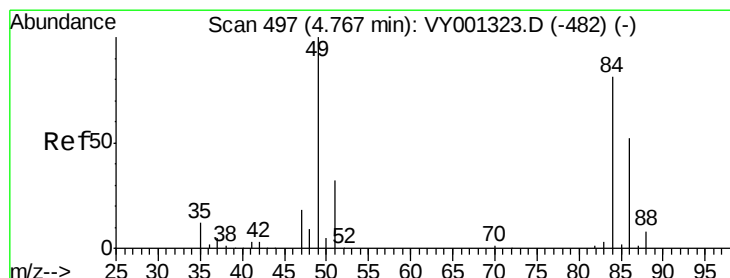
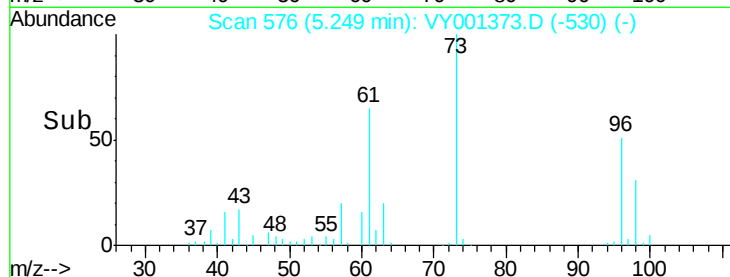
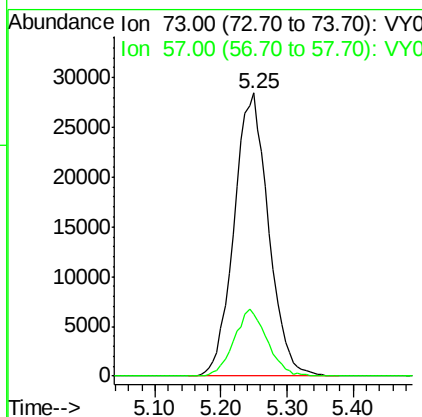
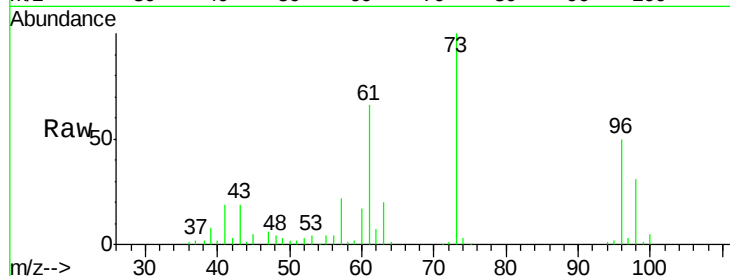
#19
Methvl tert-butvl Ether
Concen: 16.997 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.02 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion: 73 Resp: 102873
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.2

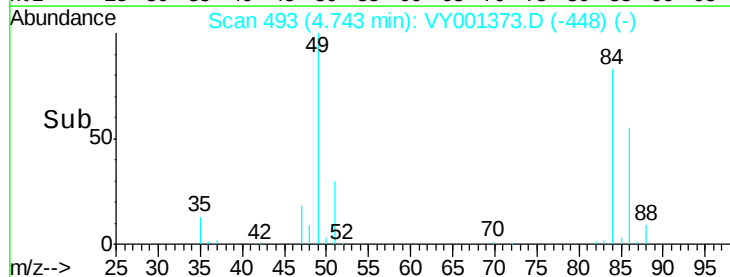
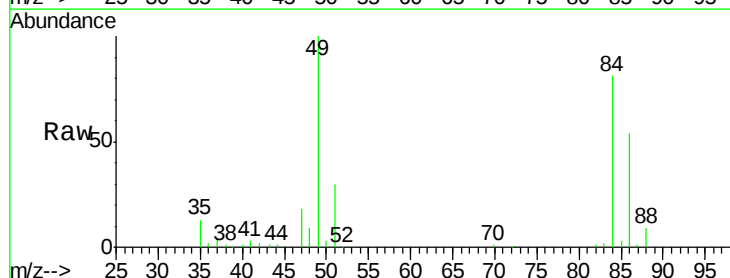
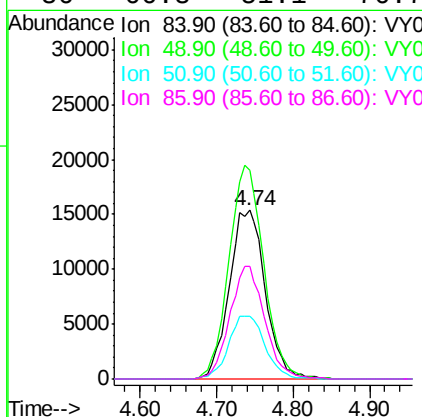
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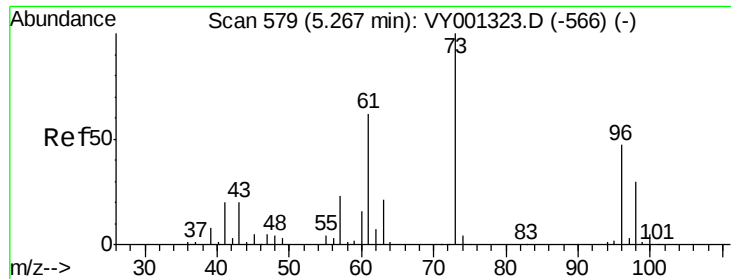
MMDadoda
1/27/2020 12:01:51 PM



#20
Methylene Chloride
Concen: 16.295 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.02 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion: 84 Resp: 50103
Ion Ratio Lower Upper
84 100
49 123.3 98.3 147.5
51 37.4 31.6 47.4
86 66.8 51.1 76.7





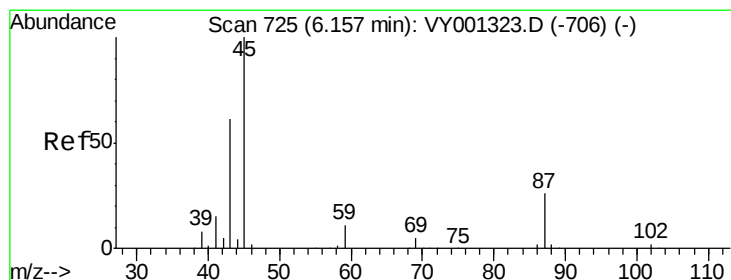
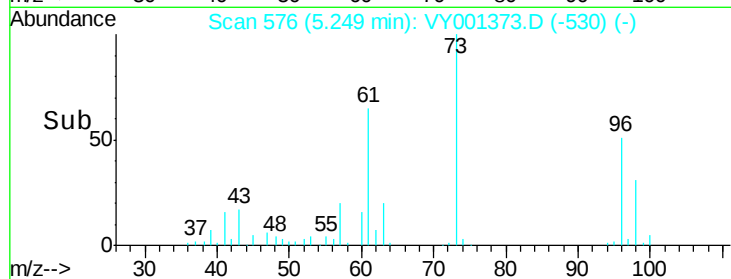
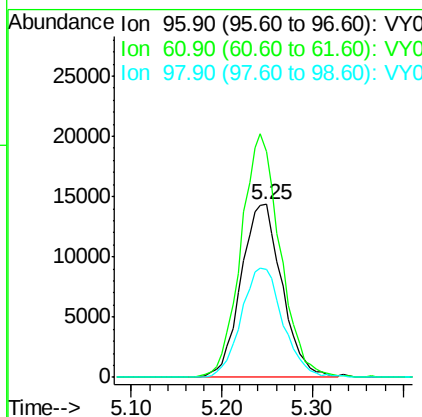
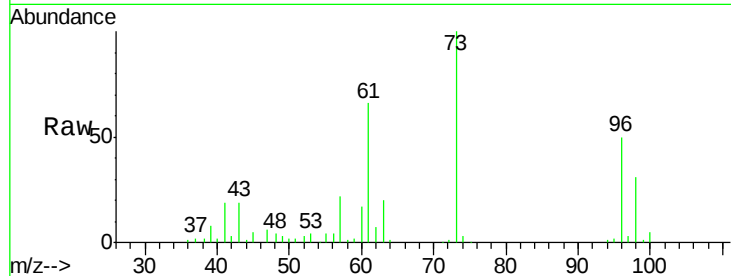
#21
trans-1,2-Dichloroethene
Concen: 18.733 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.02 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.2	106.8	160.2
98	62.1	51.0	76.6

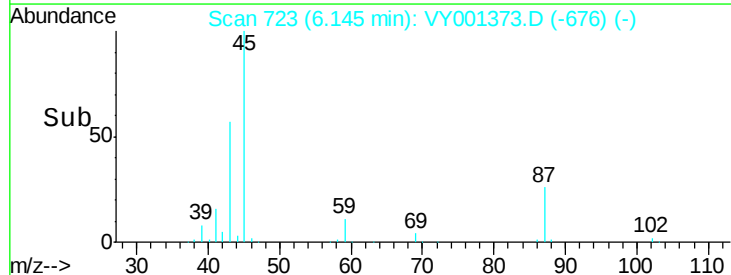
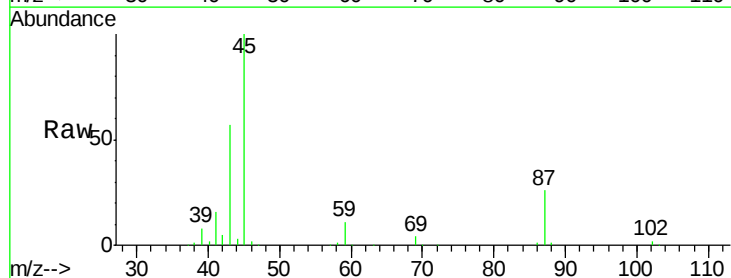
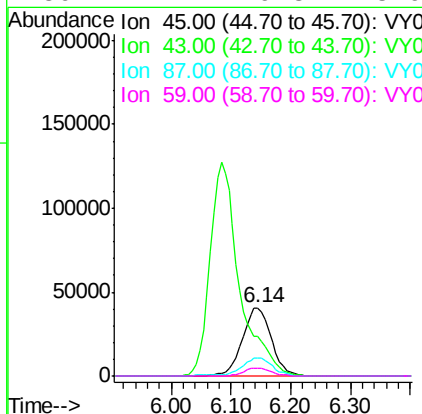
Manual Integrations
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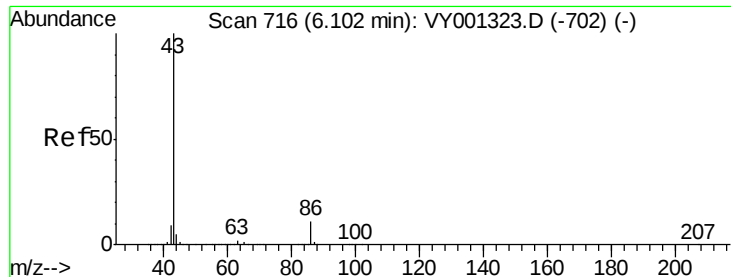
MMDadoda
1/27/2020 12:01:51 PM



#22
Diisopropyl ether
Concen: 17.598 ug/l
RT: 6.14 min Scan# 723
Delta R.T. -0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.6	49.2	73.8
87	26.4	21.4	32.2
59	11.4	9.3	13.9





#23

Vinyl Acetate

Concen: 85.274 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.02 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 43 Resp: 433359

Ion Ratio Lower Upper

43 100

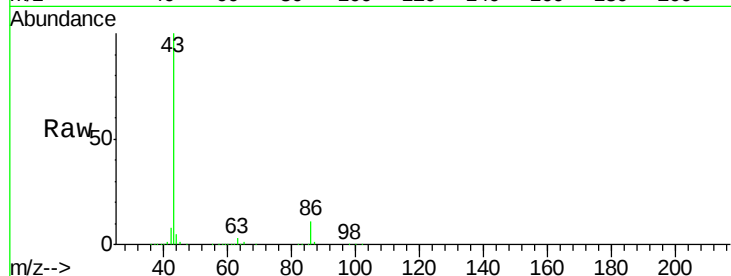
86 11.2 8.6 13.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

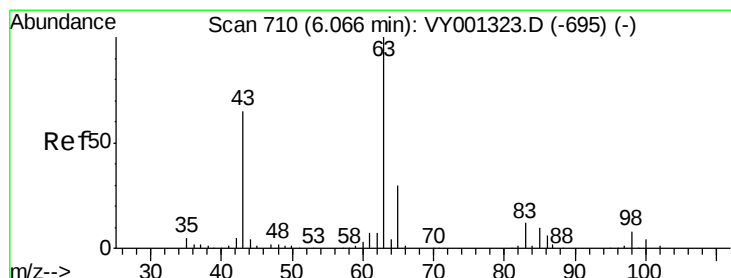
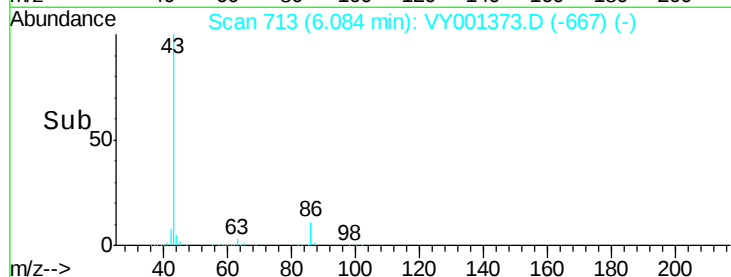
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 18.693 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.02 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

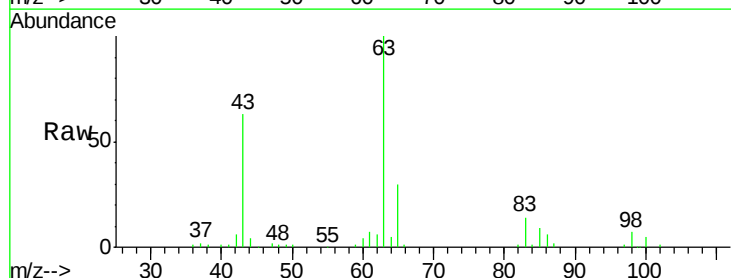
Tgt Ion: 63 Resp: 77128

Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.0

100 4.9 2.1 6.3



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

30000

25000

20000

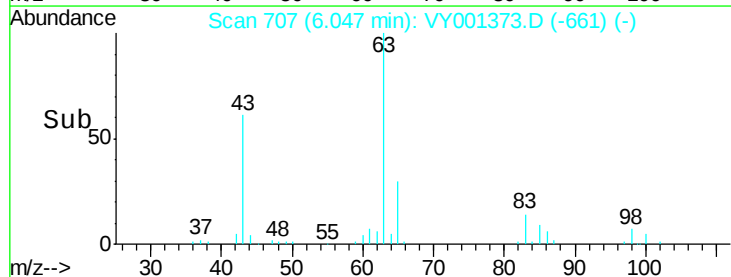
15000

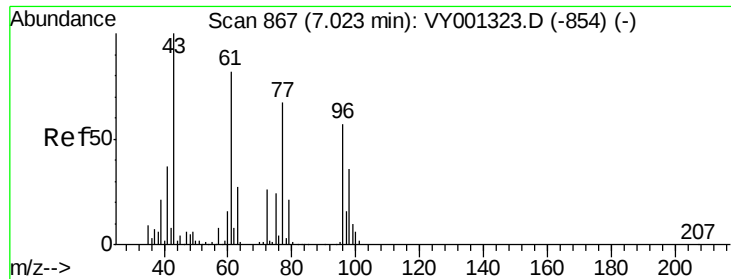
10000

5000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 77.801 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 43 Resp: 71740

Ion Ratio Lower Upper

43 100

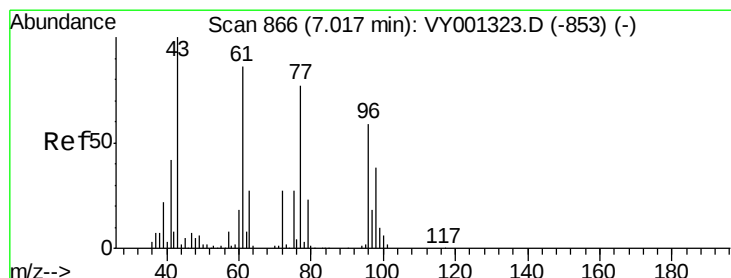
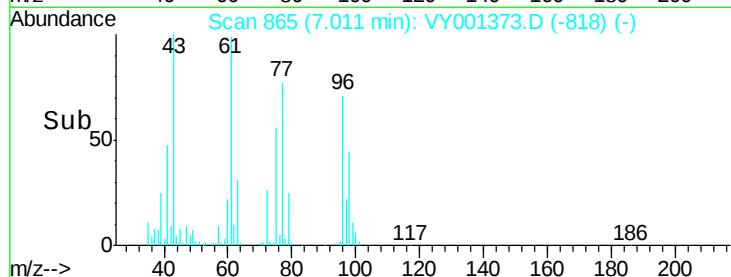
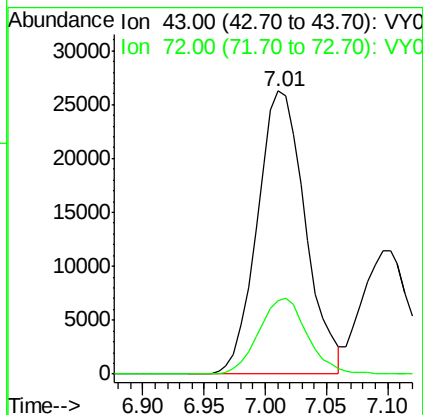
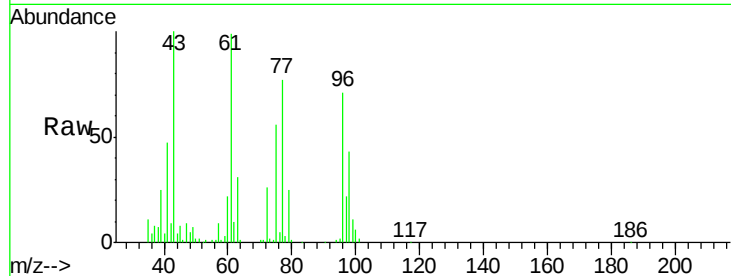
72 26.1 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 18.335 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001373.D

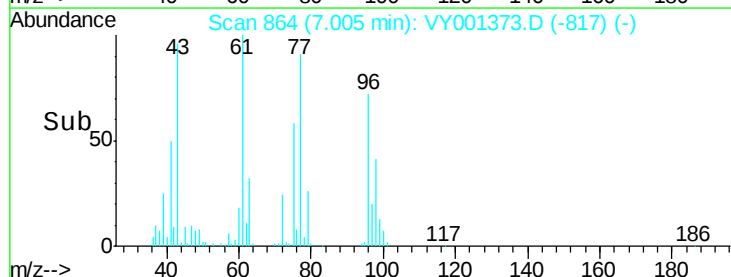
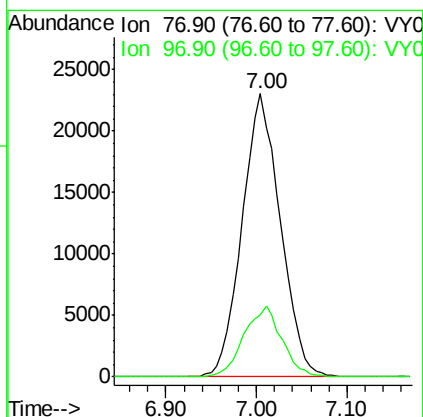
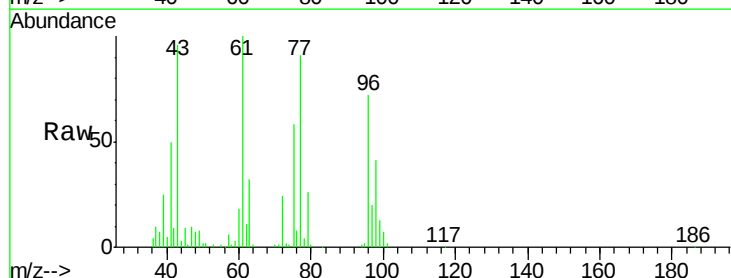
Acq: 24 Jan 2020 11:54

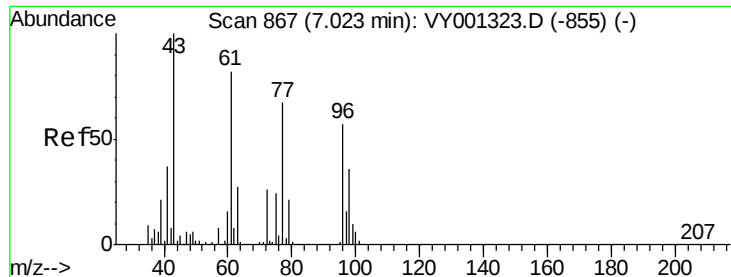
Tgt Ion: 77 Resp: 67387

Ion Ratio Lower Upper

77 100

97 24.7 11.9 35.5





#27

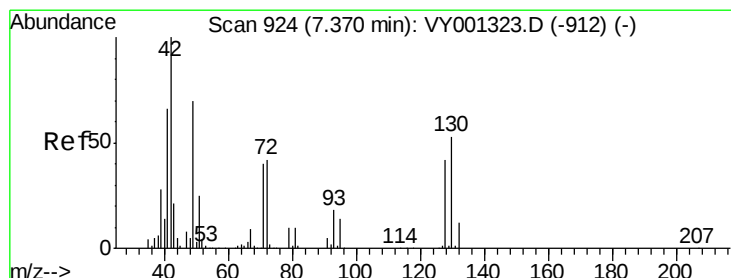
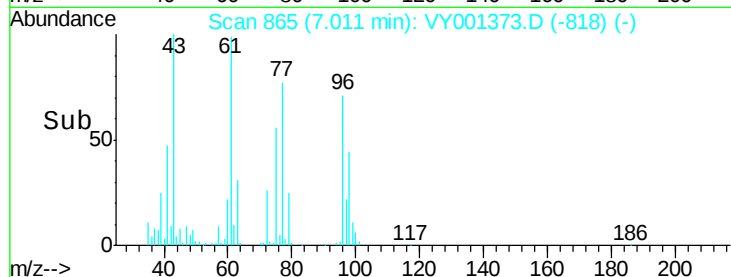
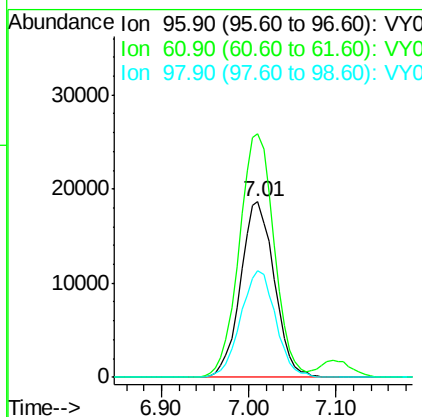
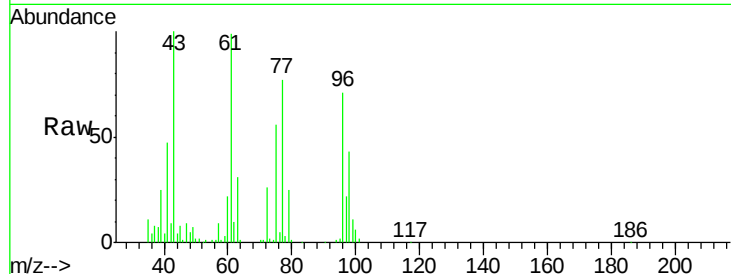
cis-1,2-Dichloroethene
Concen: 18.711 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	50212		
61	142.8		0.0	284.8
98	62.6		0.0	128.4

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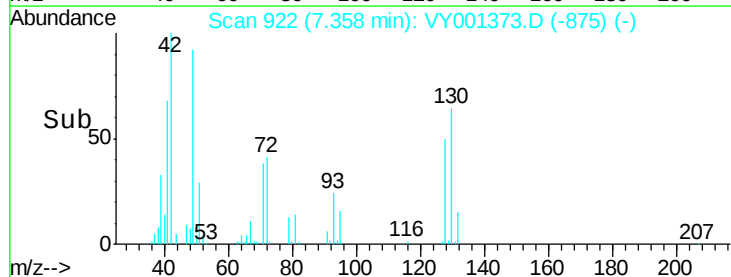
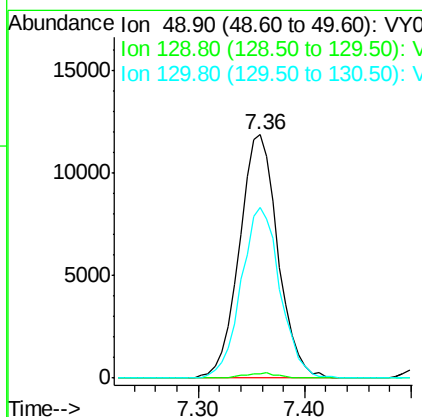
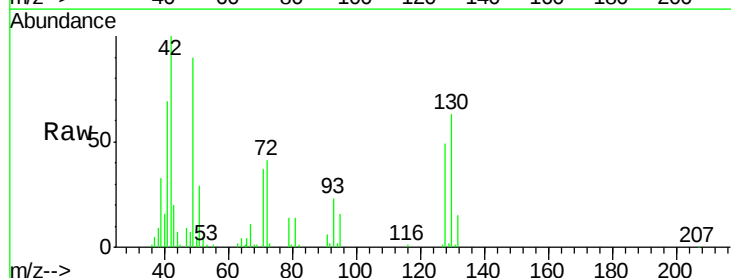
MMDadoda
1/27/2020 12:01:51 PM

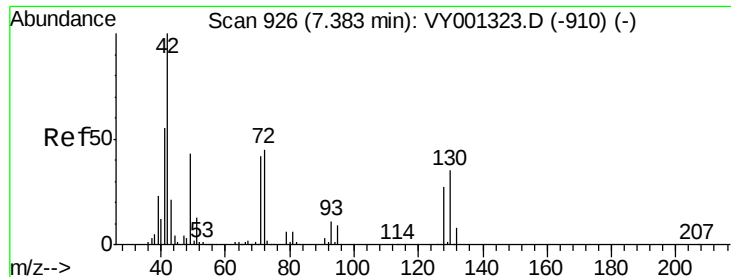


#28

Bromochloromethane
Concen: 17.725 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	30161		
129	1.7		0.0	4.0
130	70.7		58.9	88.3





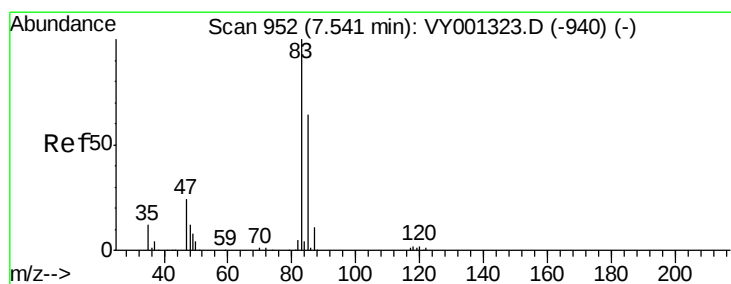
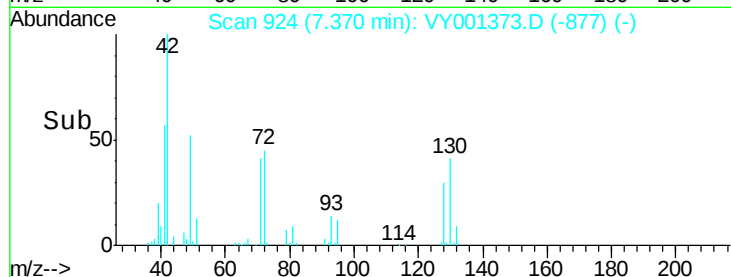
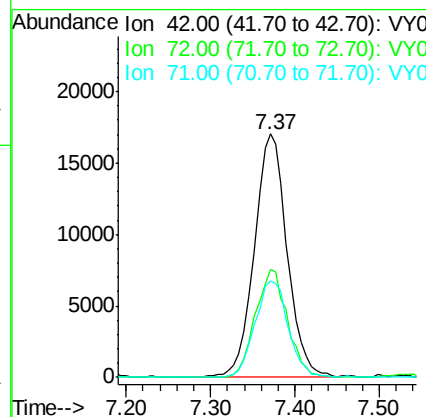
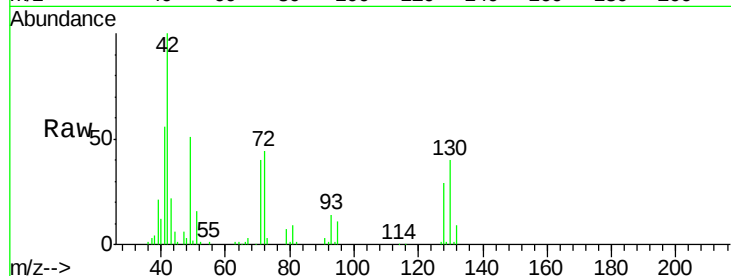
#29
Tetrahydrofuran
Concen: 75.199 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.6	51.8
71	40.3	32.6	48.8

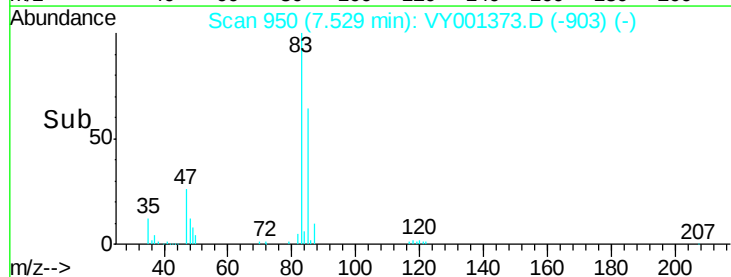
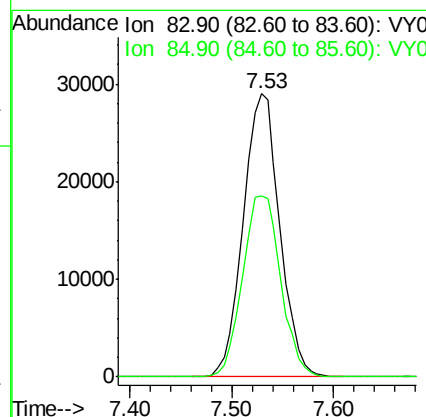
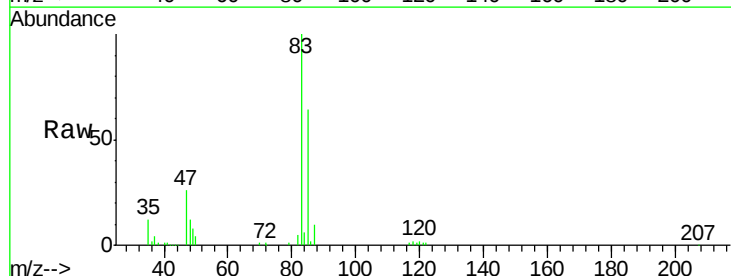
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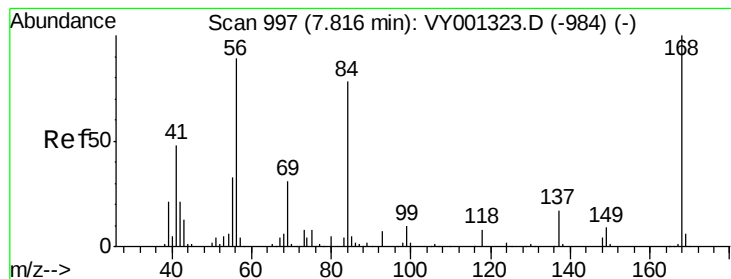
MMDadoda
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#30
Chloroform
Concen: 17.824 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.5	77.3





#31

Cyclohexane

Concen: 19.859 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

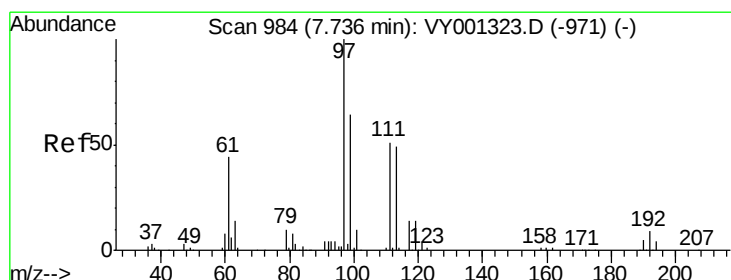
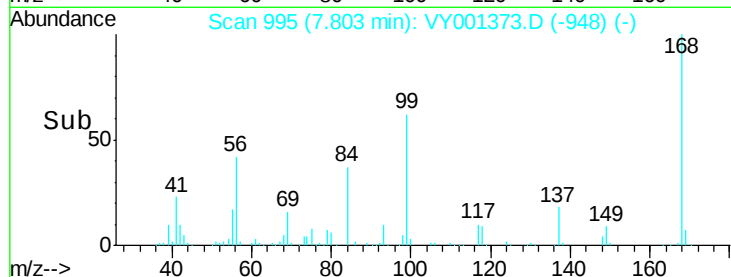
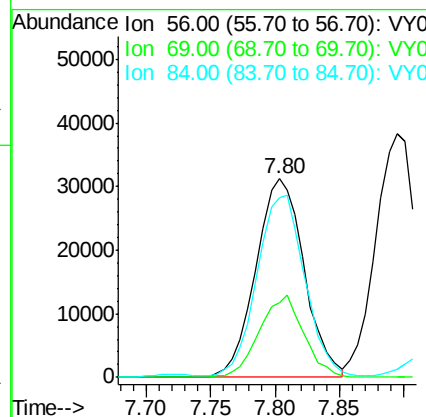
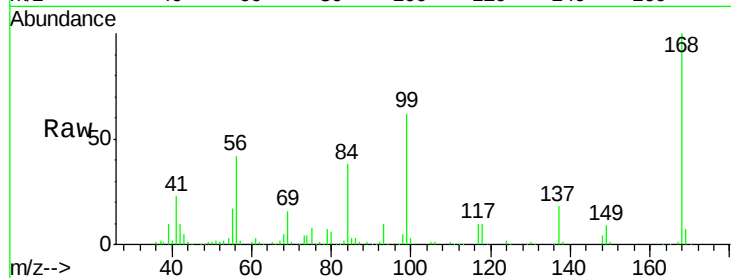
ClientSampleId :

VY0124SBS01

Tot Ion:	56	Resp:	81354
Ion	Ratio	Lower	Upper
56	100		
69	37.8	27.6	41.4
84	89.4	69.7	104.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.958 ug/l

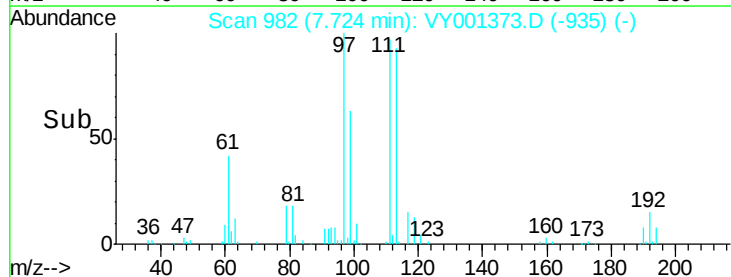
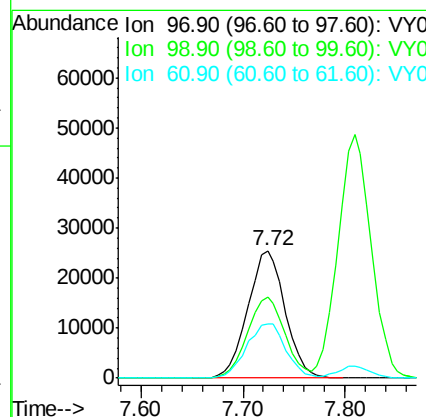
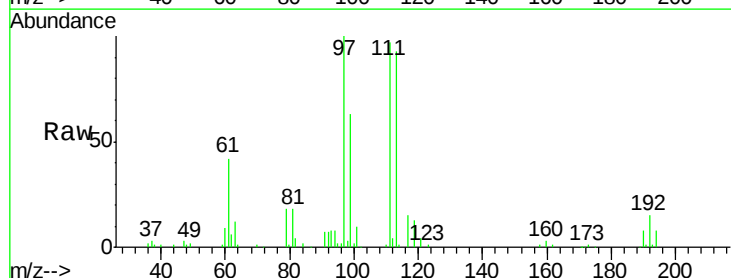
RT: 7.72 min Scan# 982

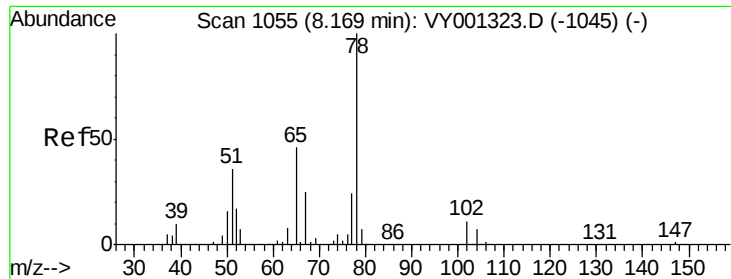
Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Tgt Ion:	97	Resp:	64737
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	45.0	35.9	53.9





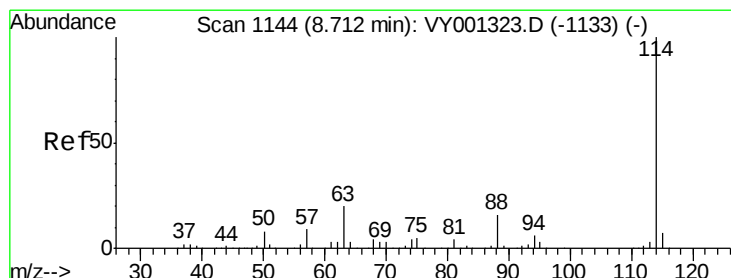
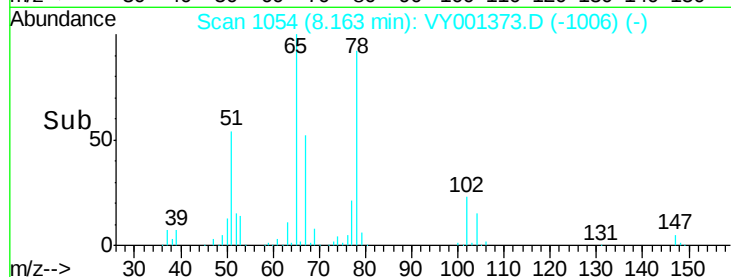
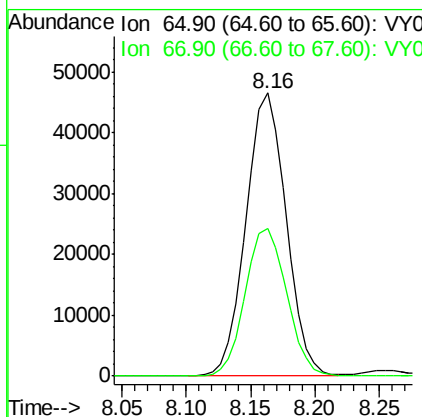
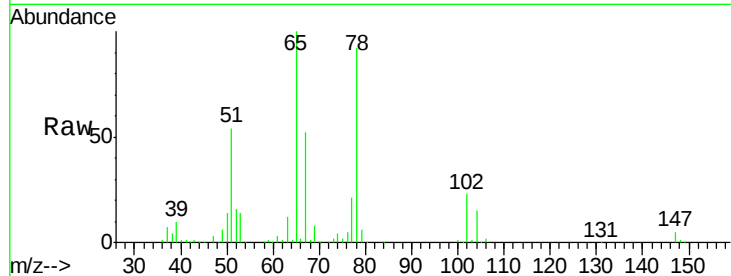
#33
 1,2-Dichloroethane-d4
 Concen: 47.556 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampled :
 VY0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	100749		
67	54.0	0.0	108.6	

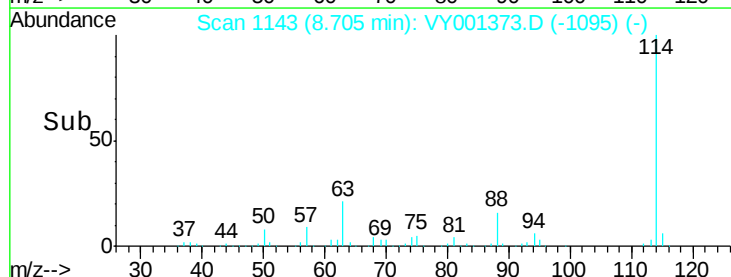
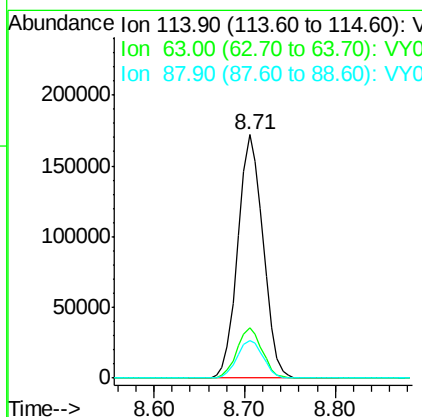
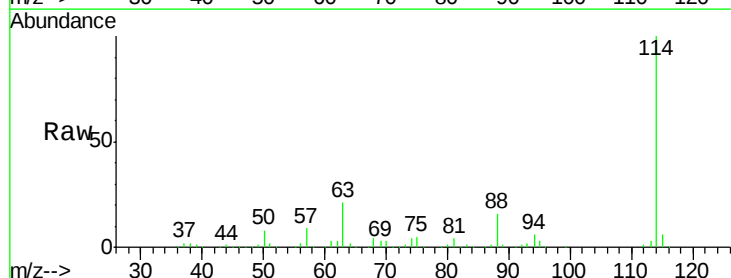
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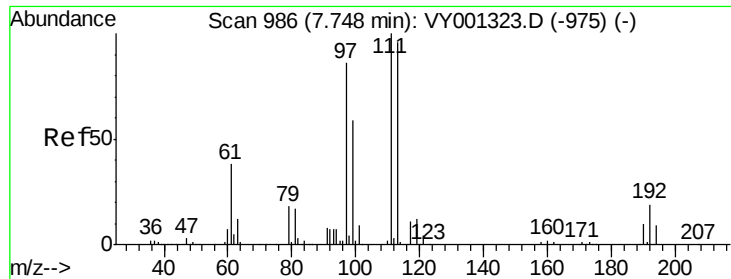
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	331933		
63	20.7	0.0	40.8	
88	15.5	0.0	31.0	





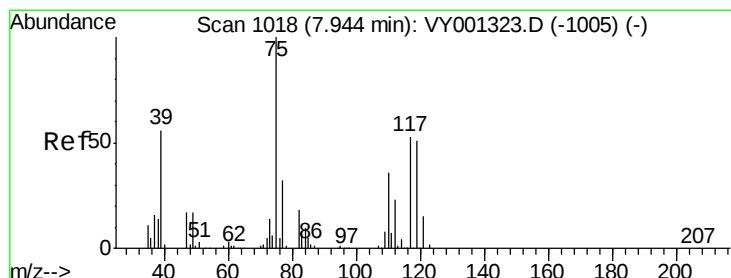
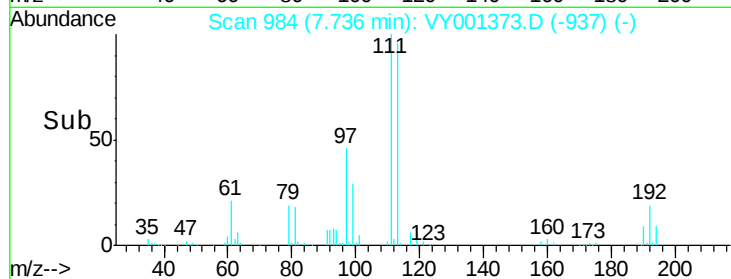
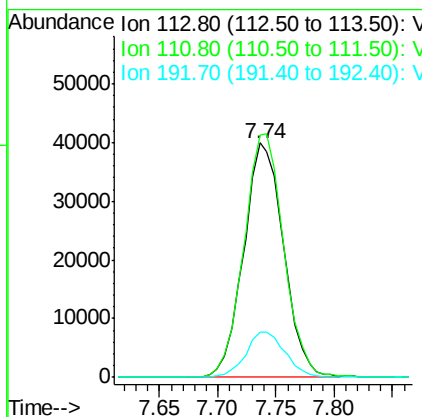
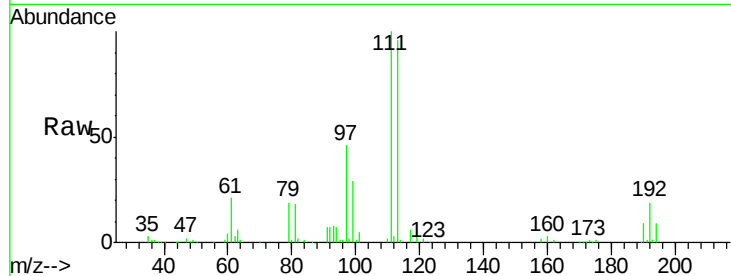
#35
 Dibromofluoromethane
 Concen: 49.083 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	95621		
111	103.9	82.8	124.2	
192	19.1	15.5	23.3	

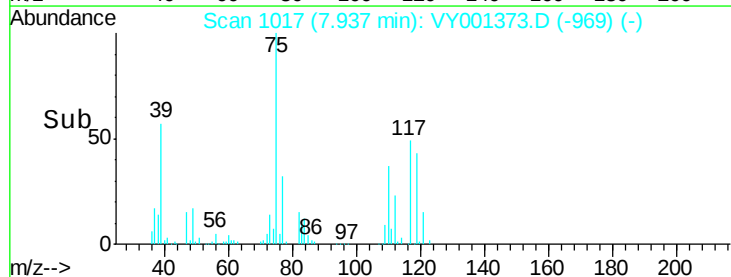
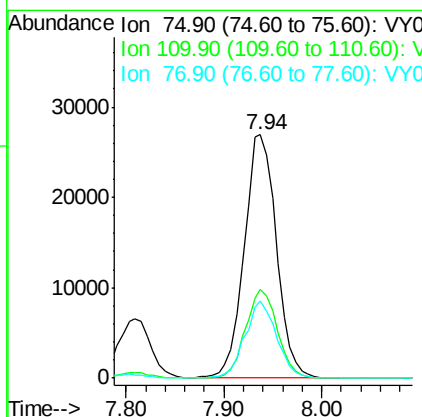
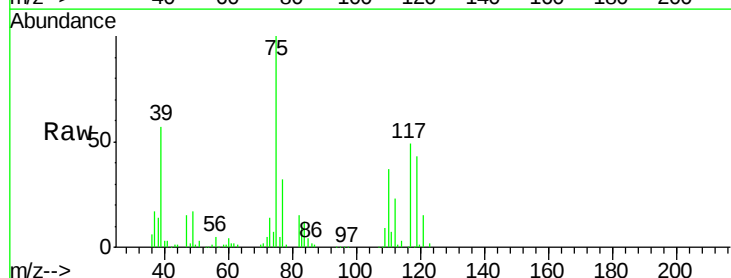
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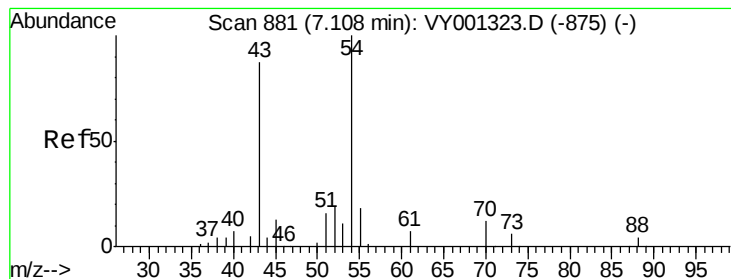
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#36
 1,1-Dichloropropene
 Concen: 19.702 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	61785		
110	35.9	17.6	52.8	
77	31.2	24.7	37.1	





#37

Ethyl Acetate

Concen: 16.932 ug/l

RT: 7.10 min Scan# 879

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

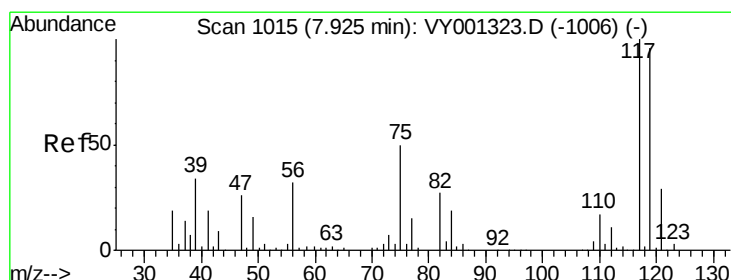
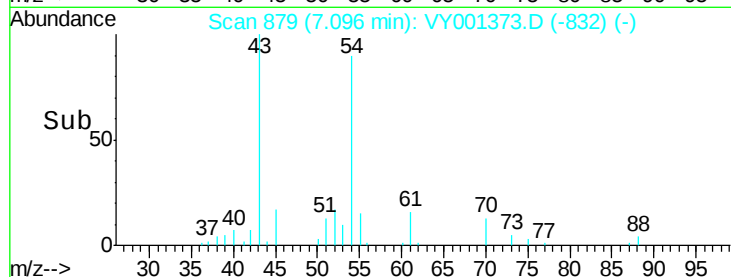
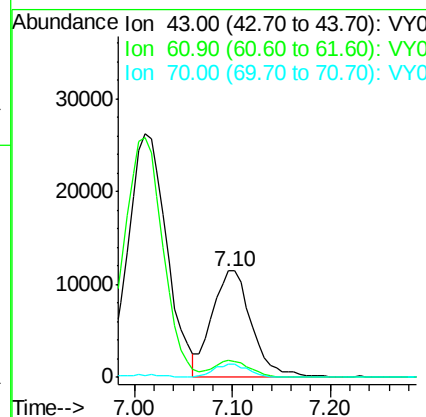
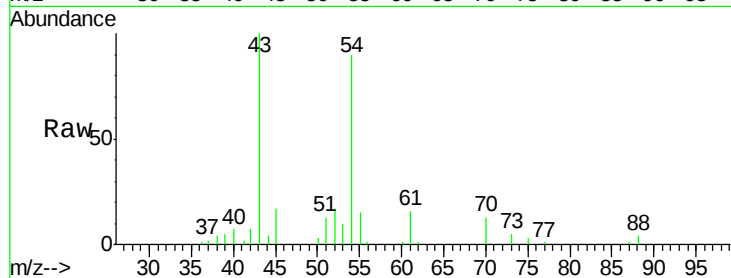
ClientSampleId :

VY0124SBS01

Tot Ion:	43	Resp:	32441
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.3	16.9
70	10.7	8.7	13.1

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#38

Carbon Tetrachloride

Concen: 20.297 ug/l

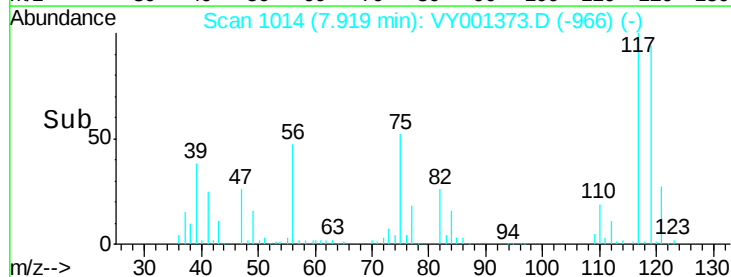
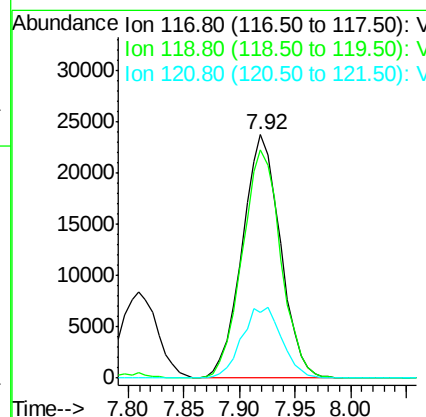
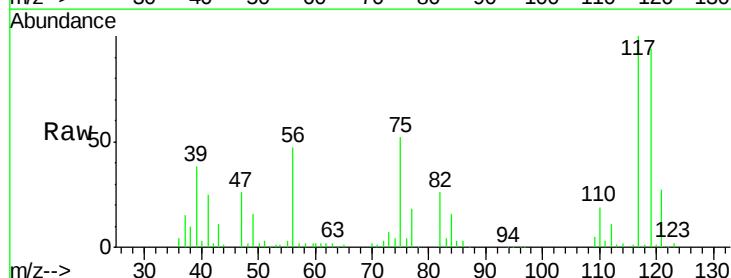
RT: 7.92 min Scan# 1014

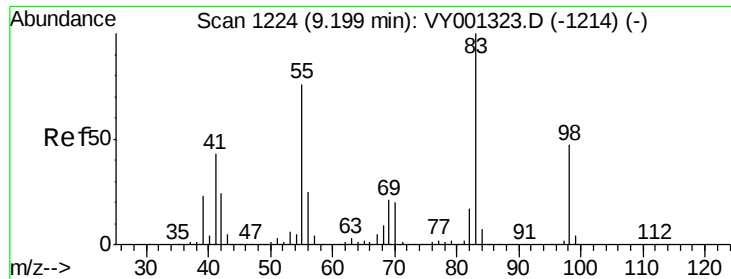
Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Tgt Ion:	117	Resp:	56727
Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.3	114.5
121	26.8	23.5	35.3





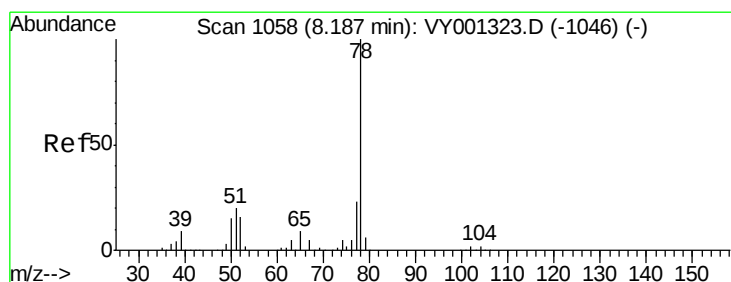
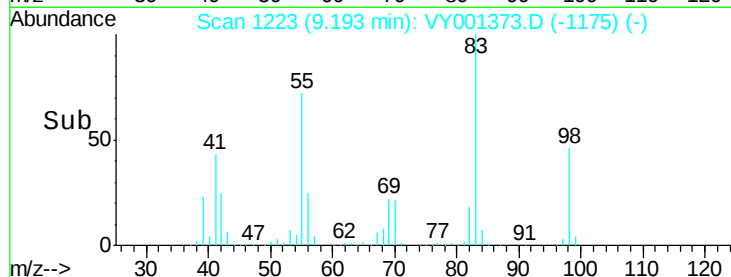
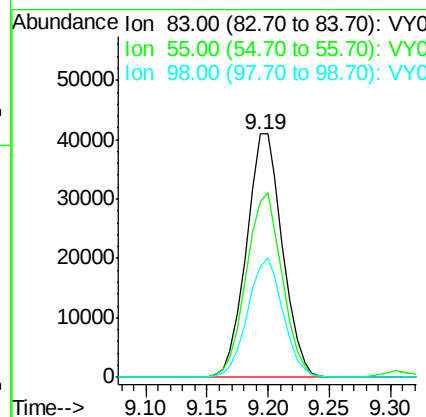
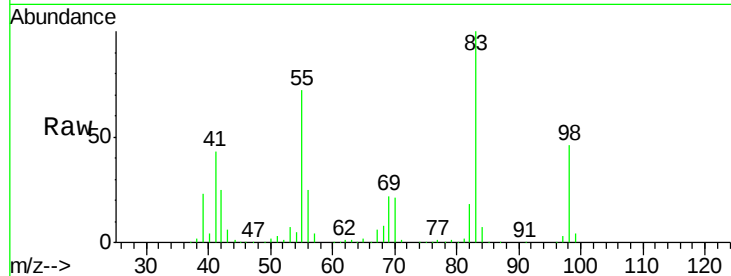
#39
Methvlcvclohexane
Concen: 20.854 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.2	60.7	91.1
98	45.5	37.8	56.8

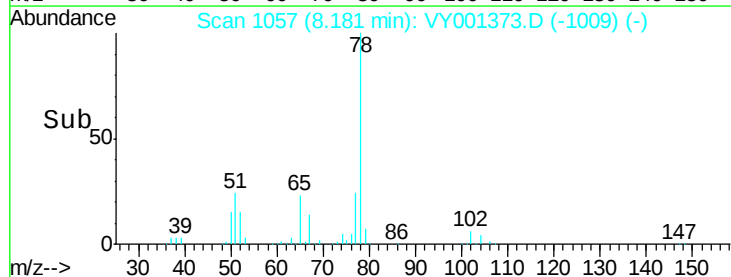
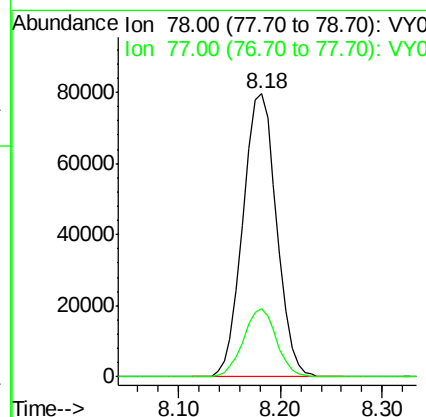
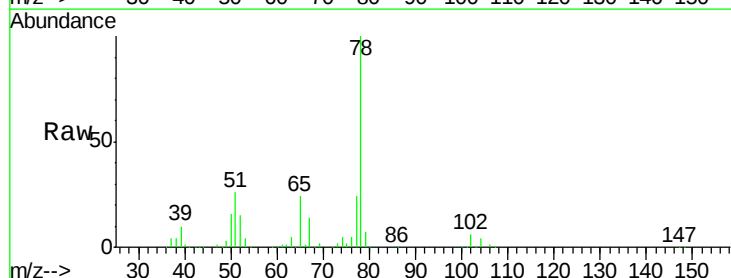
Manual Integrations
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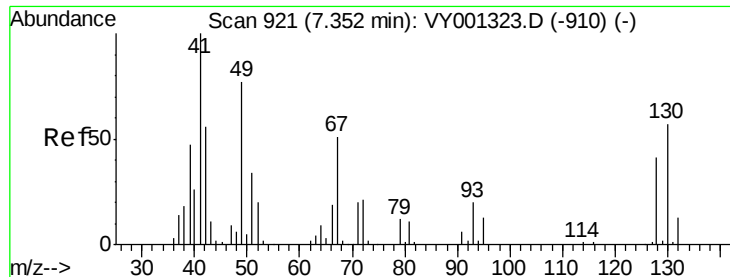
MMDadoda
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#40
Benzene
Concen: 19.423 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	27.8





#41

Methacrylonitrile

Concen: 17.653 ug/l m

RT: 7.34 min Scan# 919

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 41 Resp: 17454

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

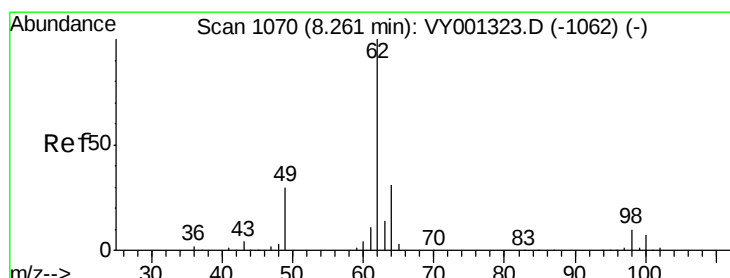
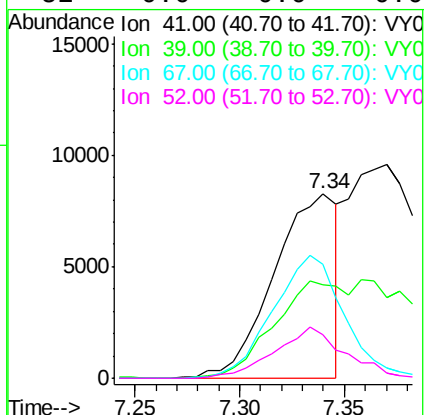
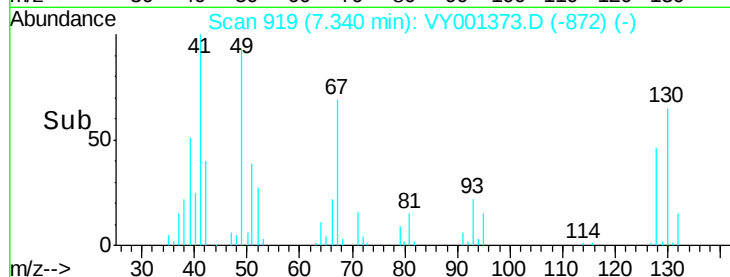
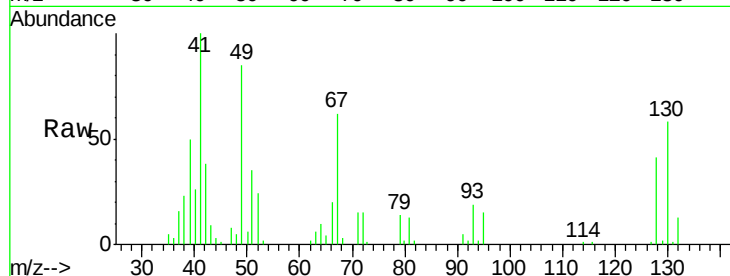
52 0.0 0.0 0.0

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#42

1,2-Dichloroethane

Concen: 18.346 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VY001373.D

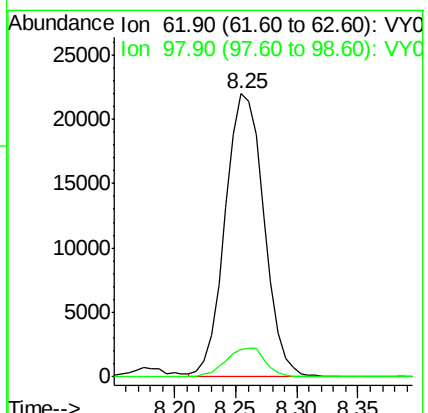
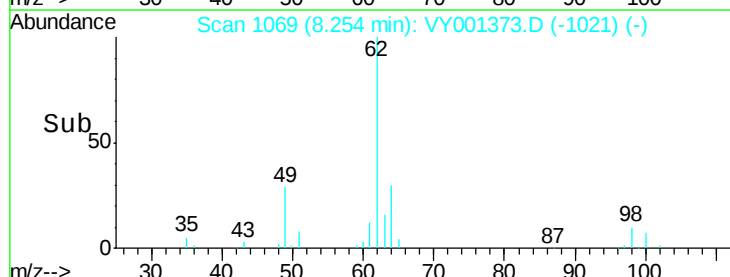
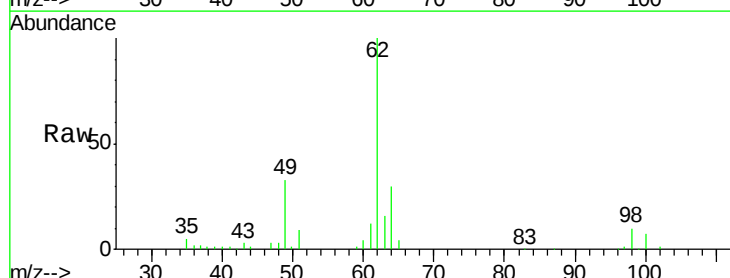
Acq: 24 Jan 2020 11:54

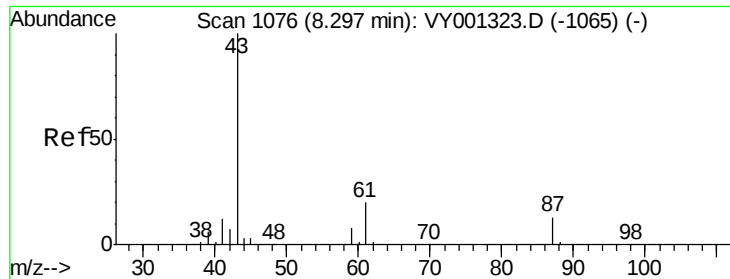
Tgt Ion: 62 Resp: 48200

Ion Ratio Lower Upper

62 100

98 10.2 0.0 20.8





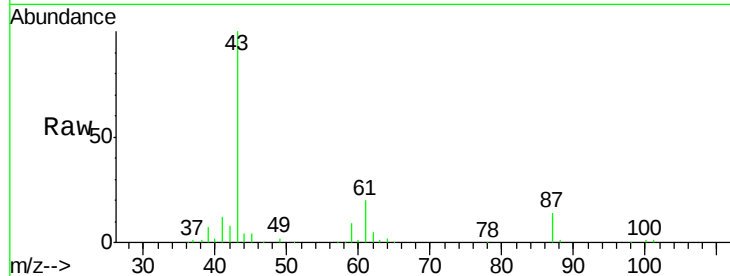
#43
Isopropyl Acetate
Concen: 16.701 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

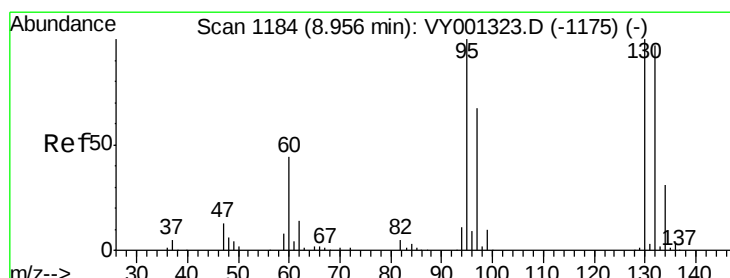
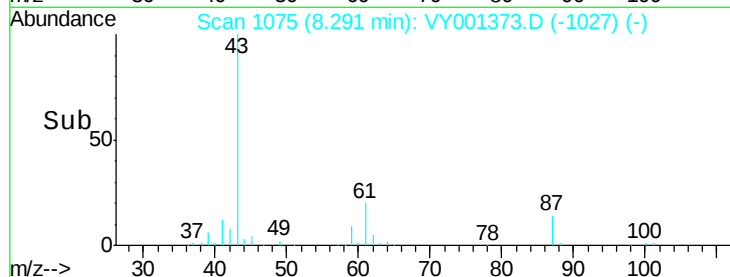
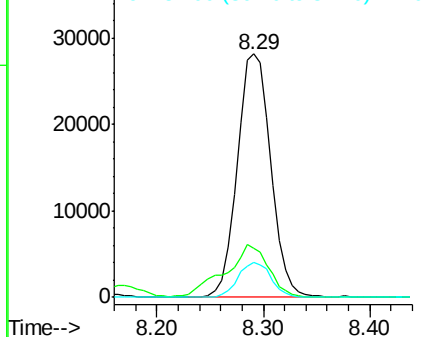
Tot Ion	Ratio	Lower	Upper
43	100		
61	27.8	22.7	34.1
87	14.1	11.0	16.4

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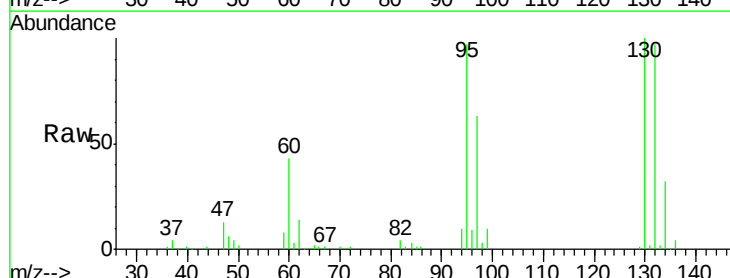


Abundance Ion 43.00 (42.70 to 43.70): VY001373.D (-1076) (-)

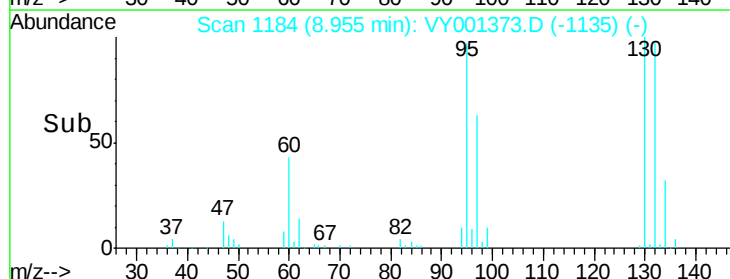
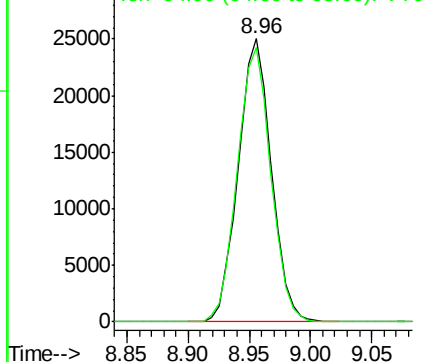


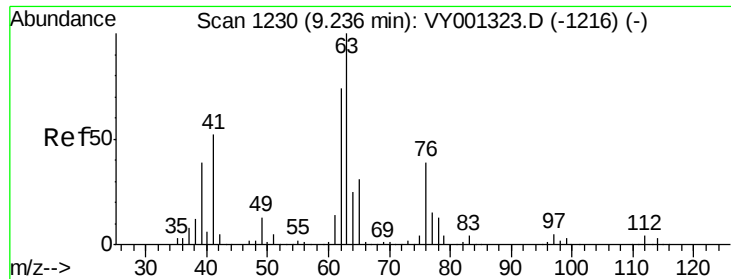
#44
Trichloroethene
Concen: 19.478 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	200.0



Abundance Ion 129.80 (129.50 to 130.50): VY001373.D (-1184) (-)





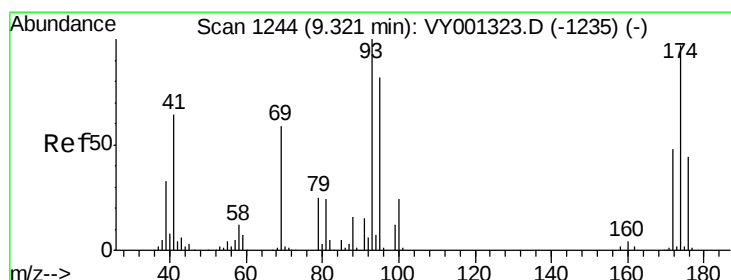
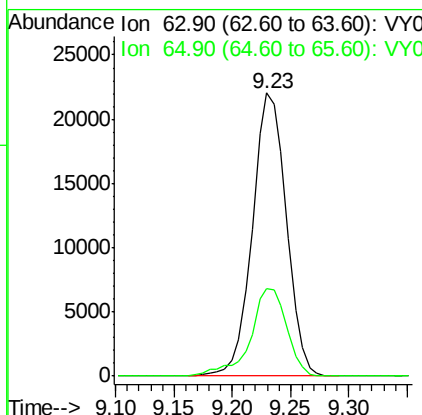
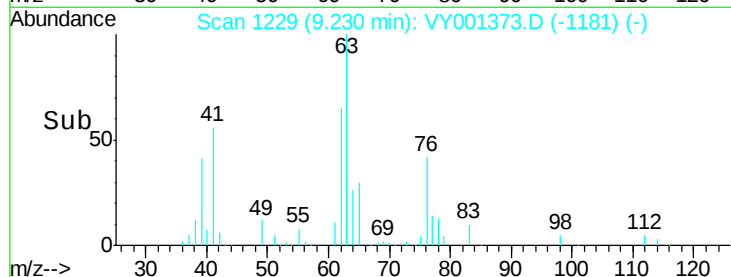
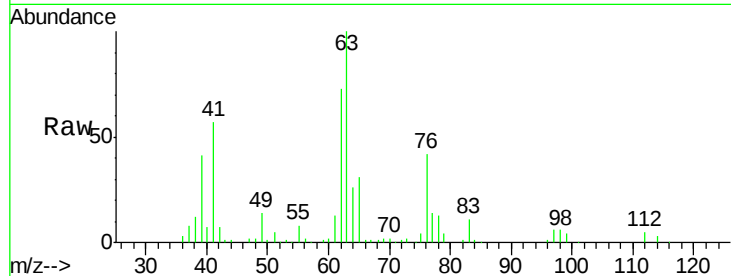
#45
 1,2-Dichloropropane
 Concen: 18.734 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion: 63 Resp: 44530
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.9 37.3

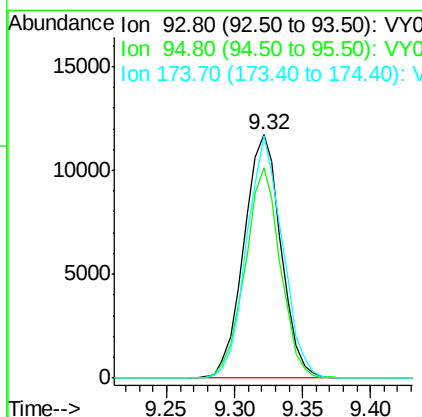
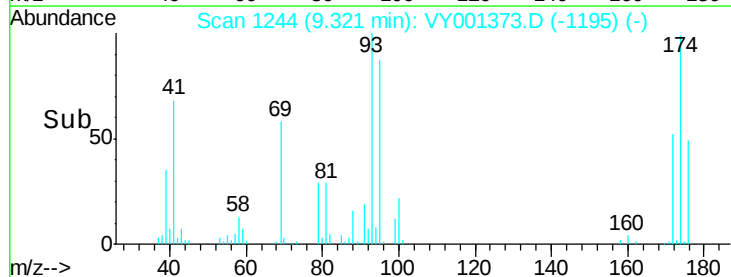
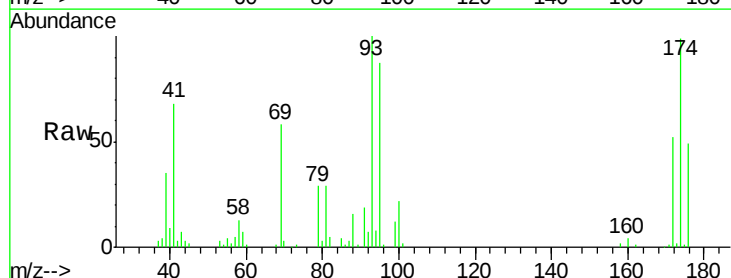
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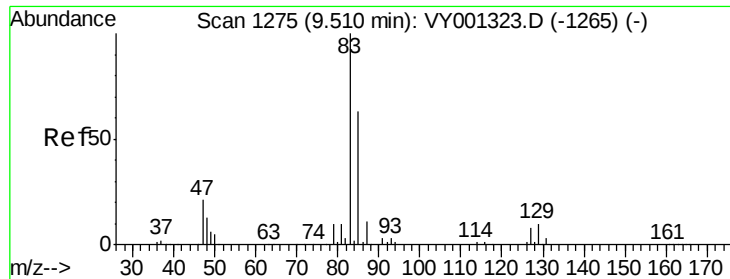
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#46
 Dibromomethane
 Concen: 17.460 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Tgt Ion: 93 Resp: 22281
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.5 99.7
 174 96.1 77.9 116.9





#47

Bromodichloromethane

Concen: 18.849 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

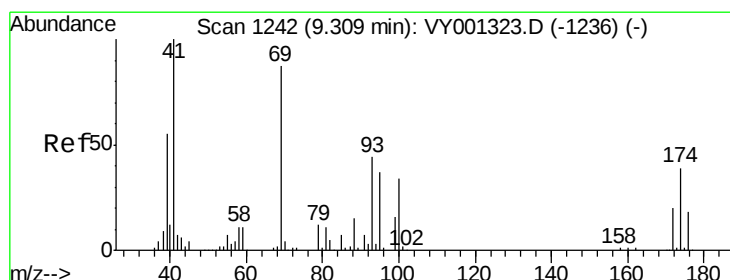
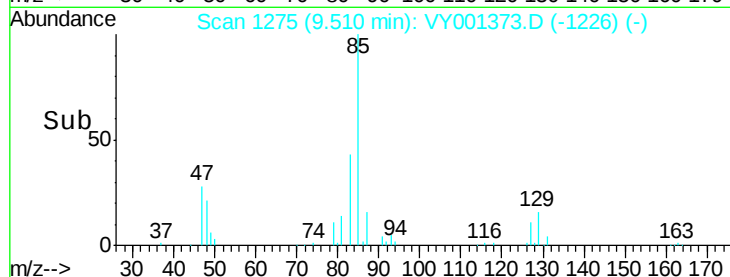
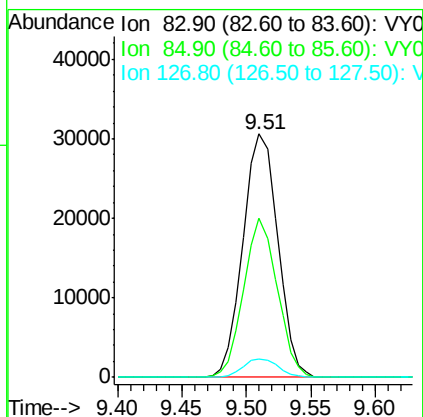
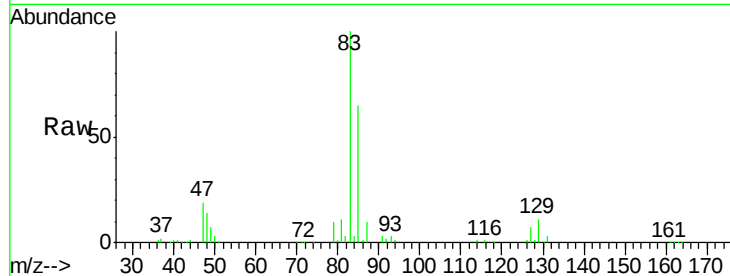
ClientSampleId :

VY0124SBS01

Tot Ion:	83	Resp:	57501
Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.2	75.2
127	7.4	6.4	9.6

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#48

Methyl methacrylate

Concen: 16.768 ug/l

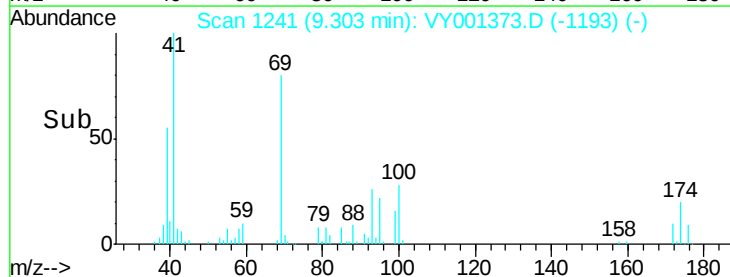
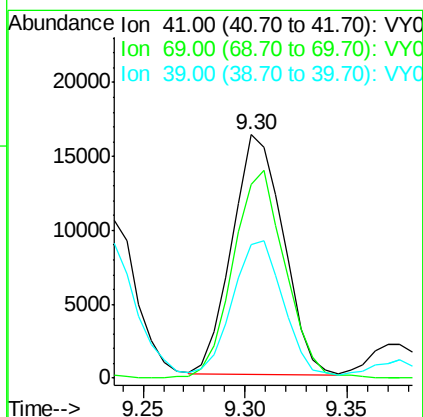
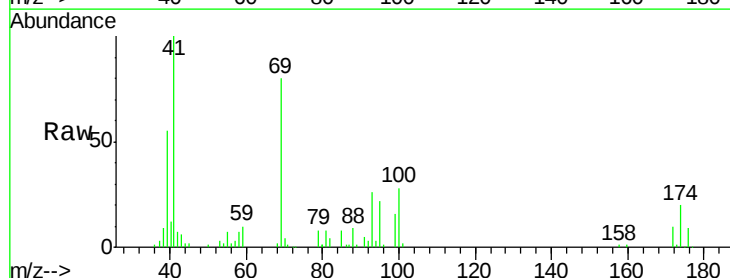
RT: 9.30 min Scan# 1241

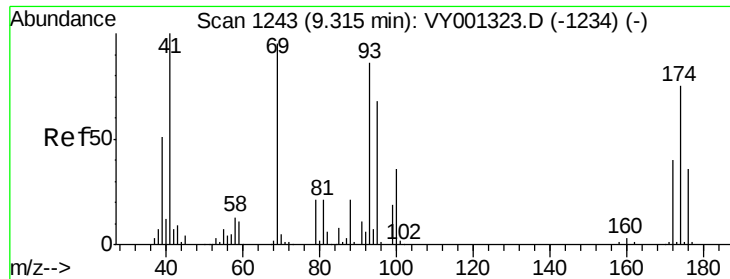
Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Tgt Ion:	41	Resp:	28400
Ion	Ratio	Lower	Upper
41	100		
69	87.8	70.2	105.4
39	57.9	45.7	68.5





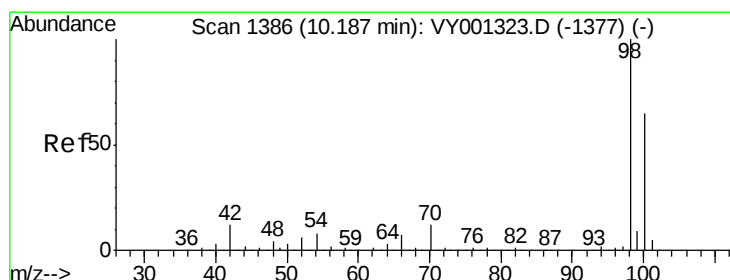
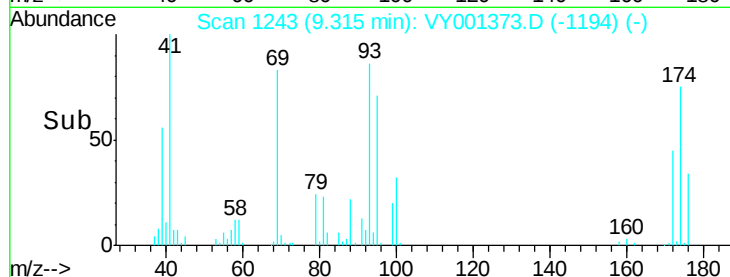
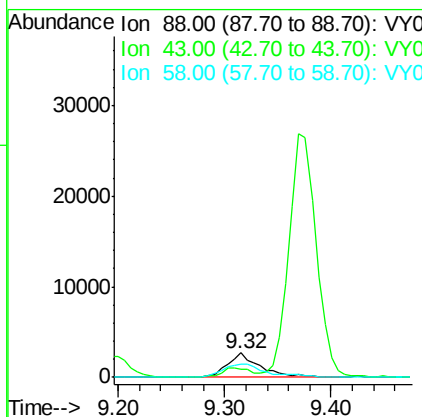
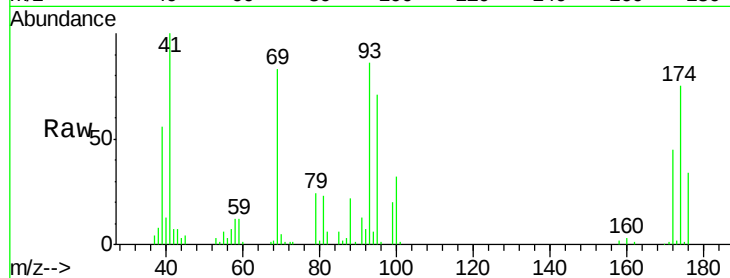
#49
1,4-Dioxane
Concen: 328.694 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	28.2	42.2
58	74.7	55.6	83.4

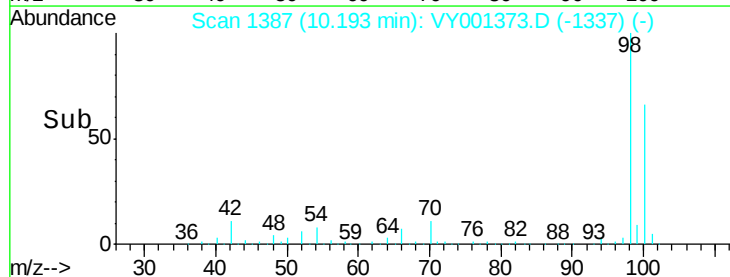
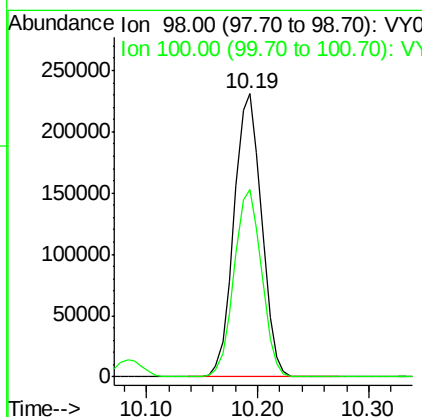
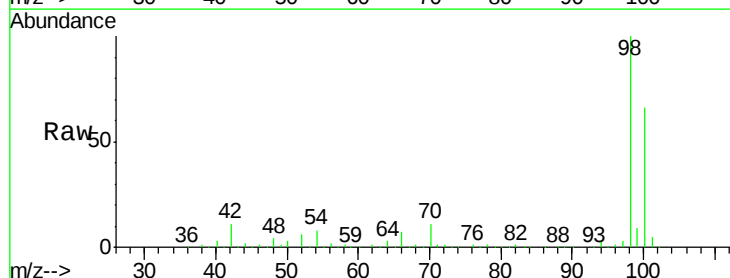
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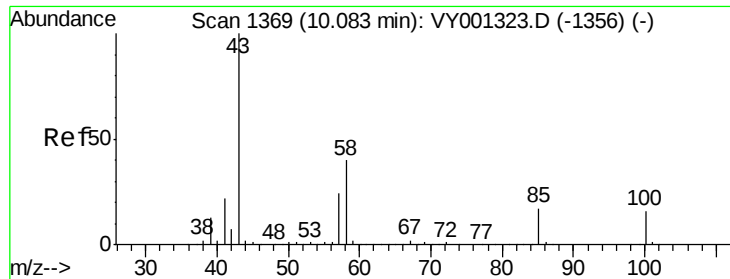
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#50
Toluene-d8
Concen: 52.326 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.6	79.0





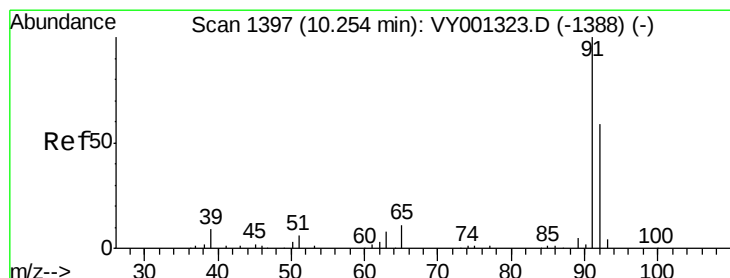
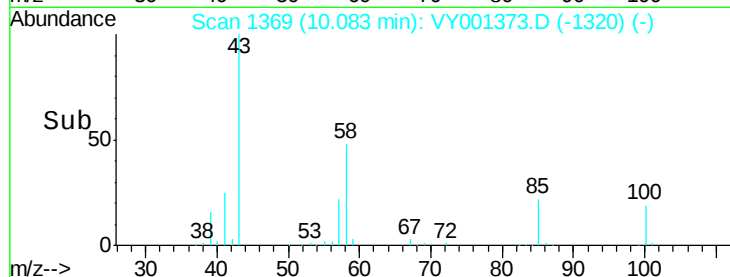
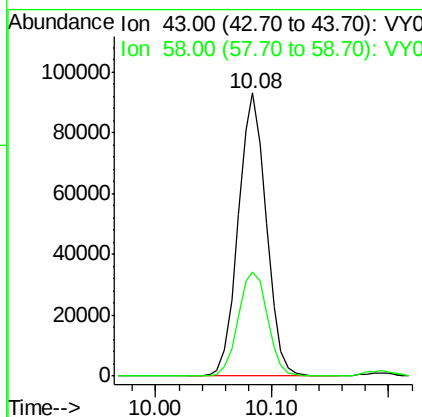
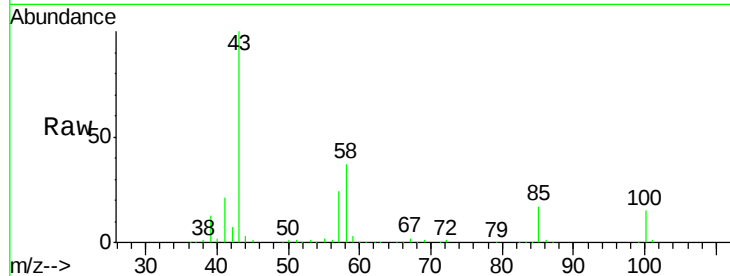
#51
4-Methyl-2-Pentanone
Concen: 81.280 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion: 43 Resp: 155946
Ion Ratio Lower Upper
43 100
58 38.7 31.5 47.3

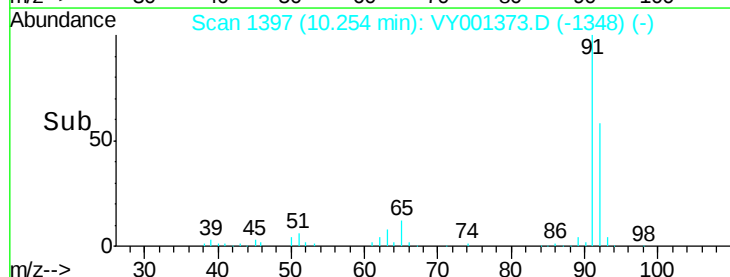
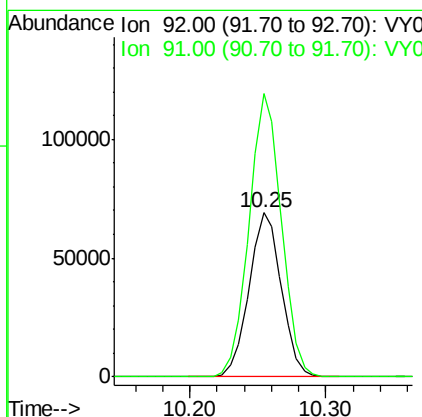
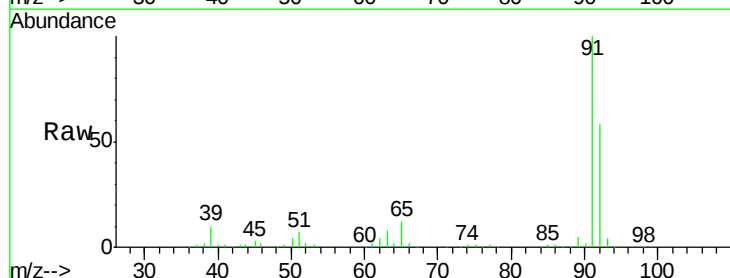
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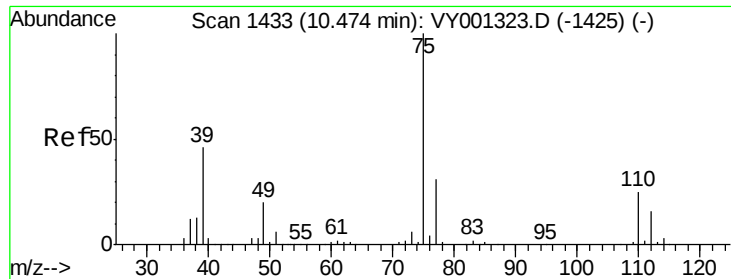
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#52
Toluene
Concen: 19.260 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion: 92 Resp: 114797
Ion Ratio Lower Upper
92 100
91 172.9 136.4 204.6





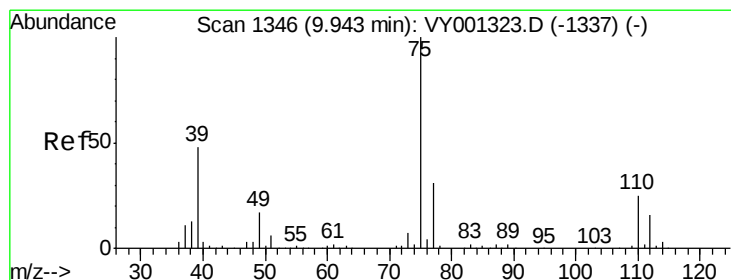
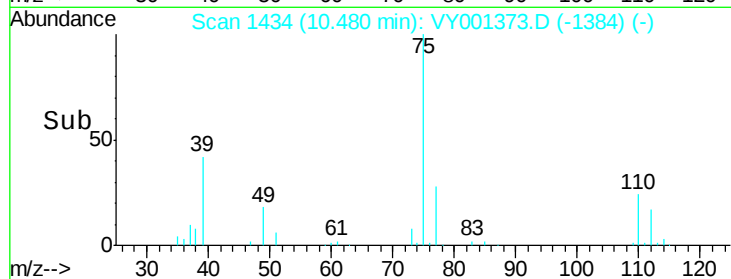
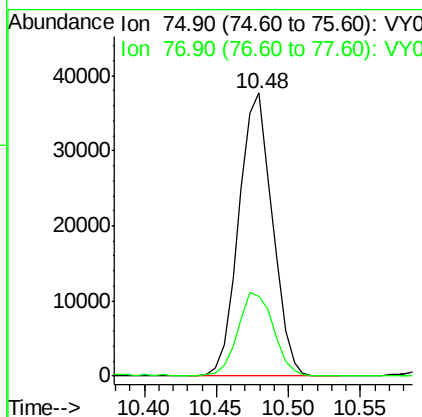
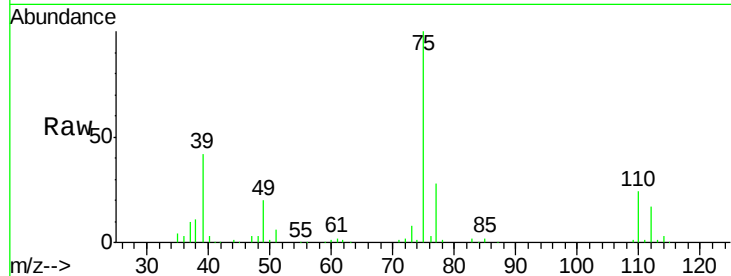
#53
t-1,3-Dichloropropene
Concen: 18.058 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion: 75 Resp: 61058
Ion Ratio Lower Upper
75 100
77 28.0 25.2 37.8

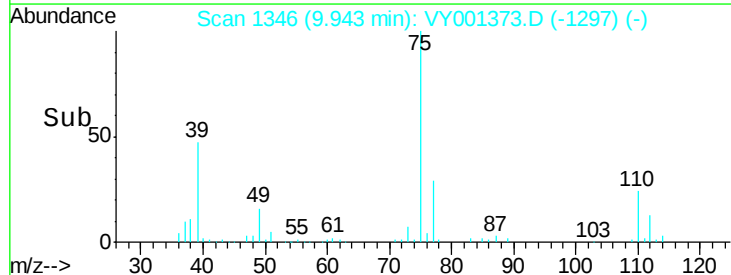
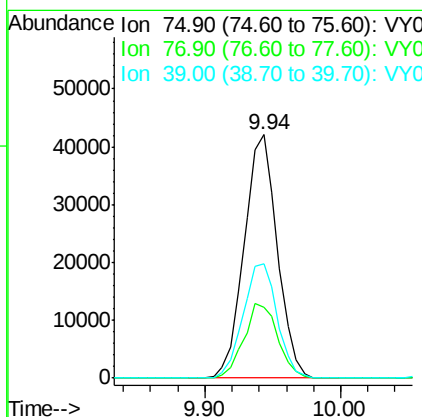
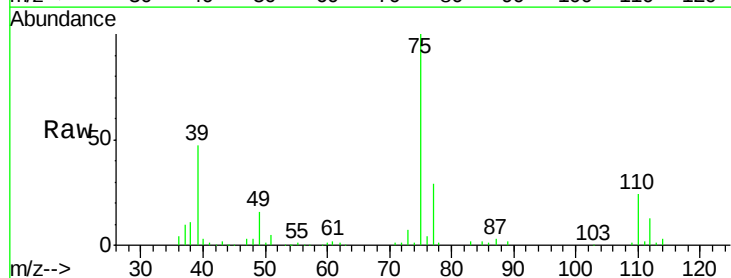
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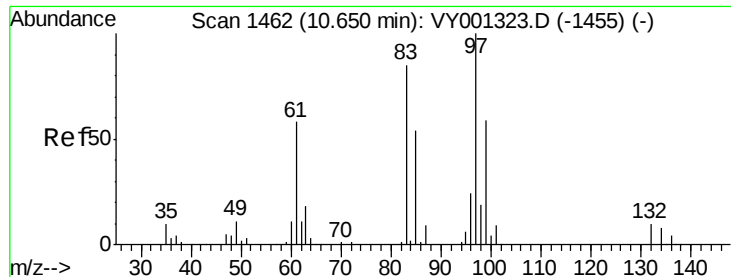
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#54
cis-1,3-Dichloropropene
Concen: 18.485 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion: 75 Resp: 71739
Ion Ratio Lower Upper
75 100
77 29.3 25.0 37.6
39 47.0 38.2 57.4





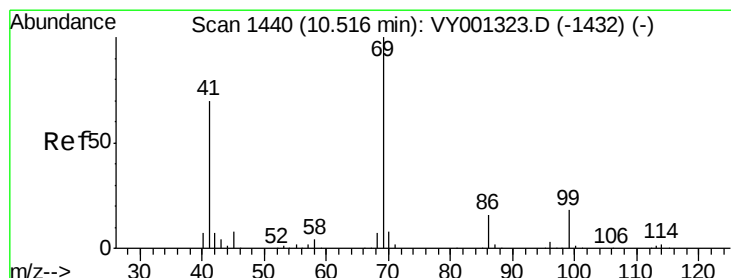
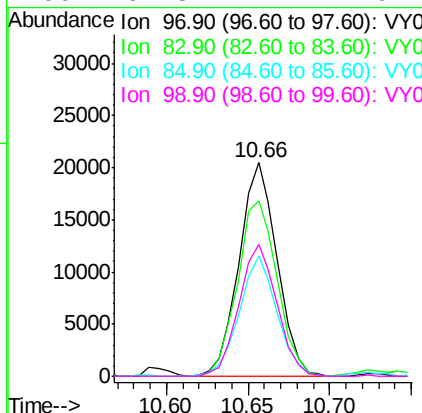
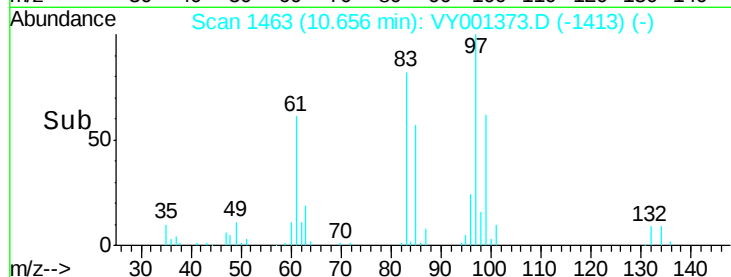
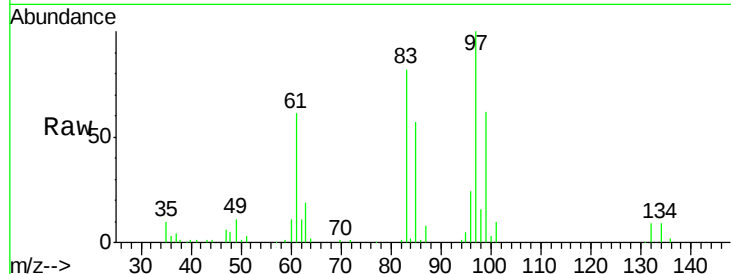
#55
1,1,2-Trichloroethane
Concen: 17.595 ug/l
RT: 10.66 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion:	97	Resp:	33141
Ion	Ratio	Lower	Upper
97	100		
83	82.3	68.0	102.0
85	56.5	43.6	65.4
99	61.8	47.1	70.7

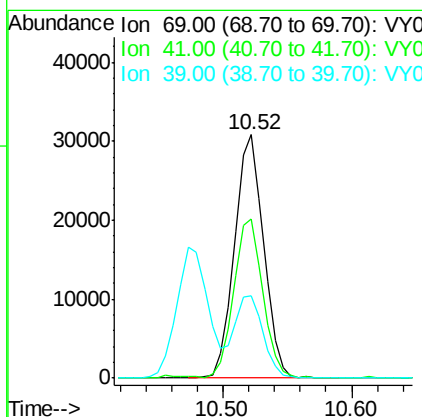
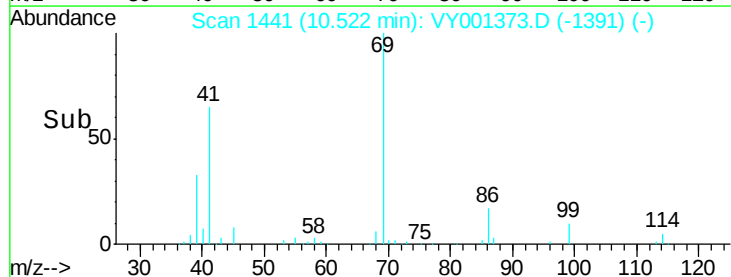
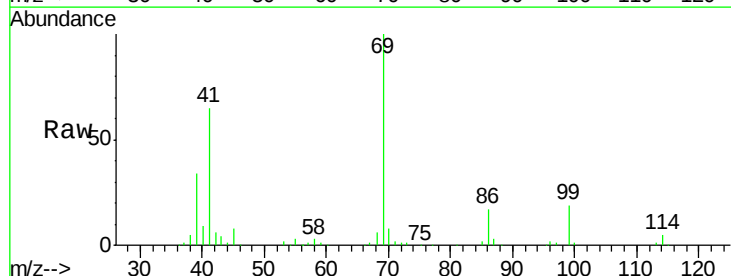
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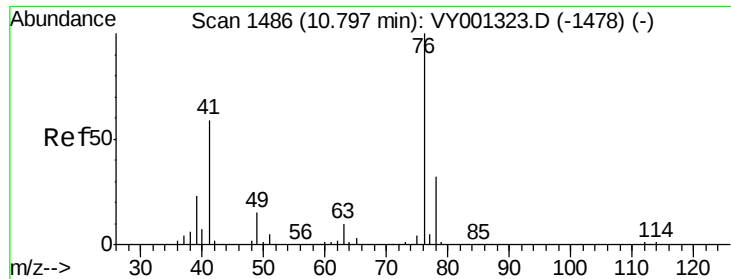
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#56
Ethyl methacrylate
Concen: 16.965 ug/l
RT: 10.52 min Scan# 1441
Delta R.T. 0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion:	69	Resp:	48294
Ion	Ratio	Lower	Upper
69	100		
41	65.3	54.1	81.1
39	34.6	26.8	40.2





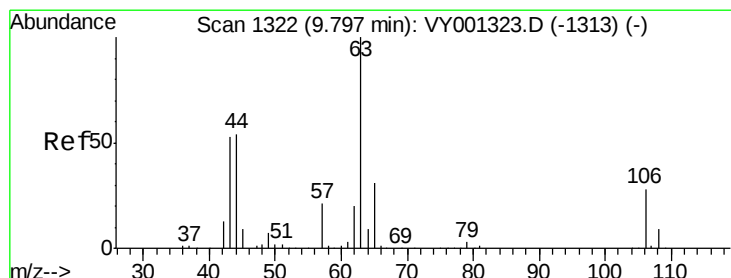
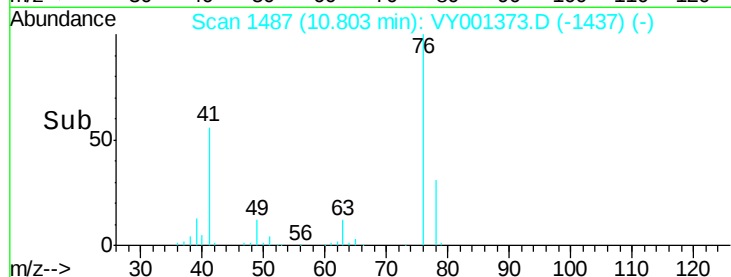
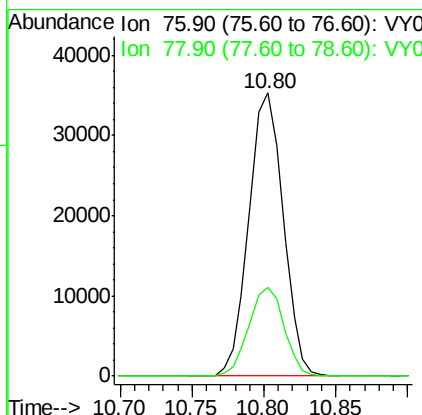
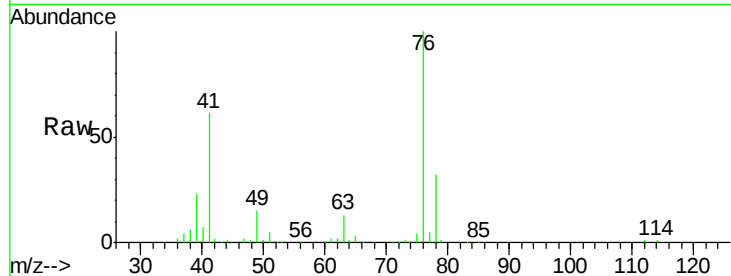
#57
 1,3-Dichloropropane
 Concen: 17.813 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion: 76 Resp: 58446
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8

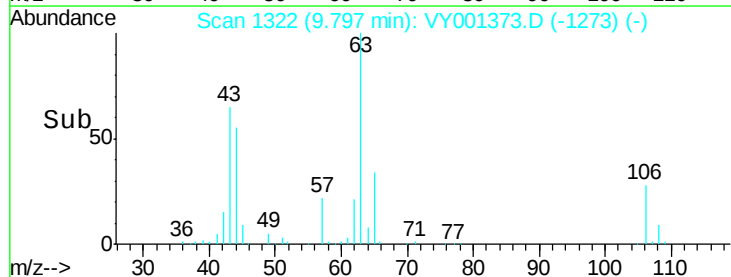
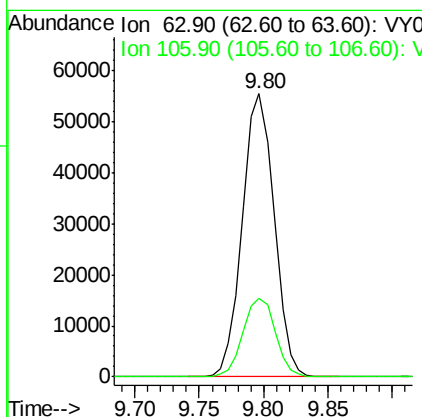
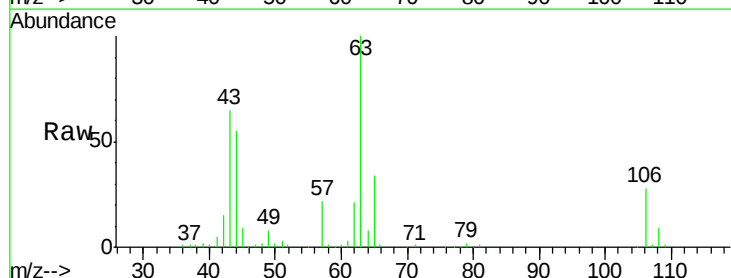
Manual Integrations
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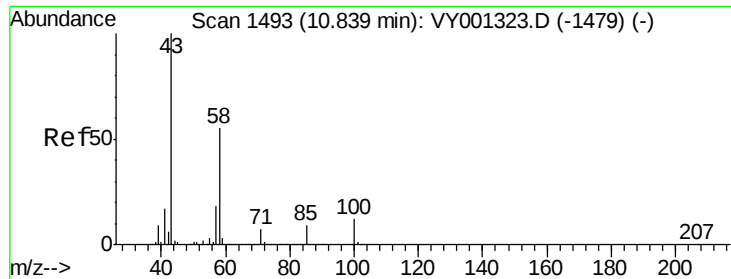
MMDadoda
 1/27/2020 12:01:51 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.173 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Tgt Ion: 63 Resp: 94738
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.5 33.7





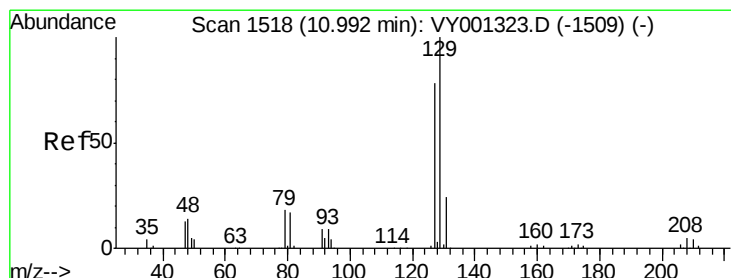
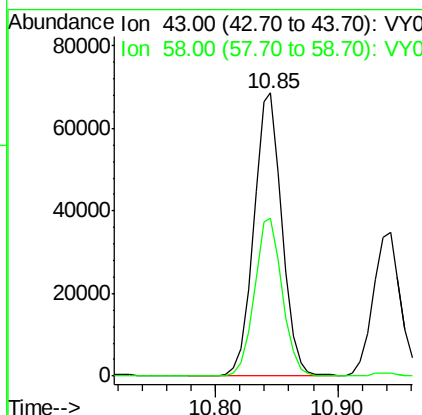
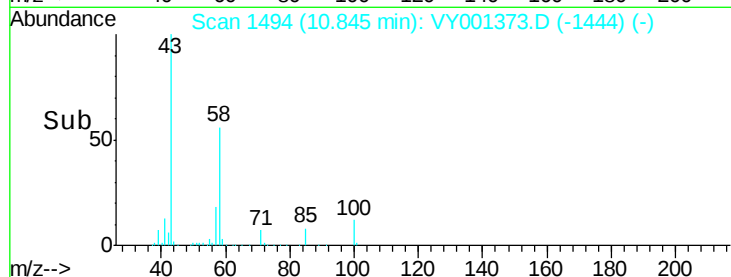
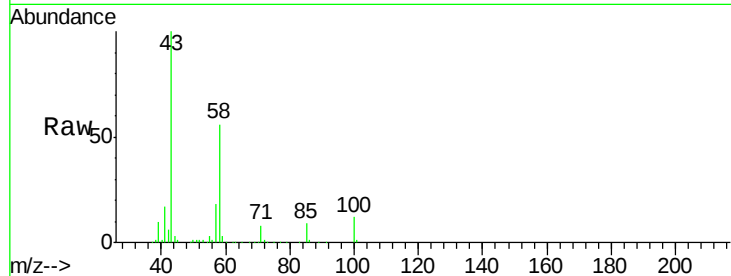
#59
2-Hexanone
Concen: 82.198 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion: 43 Resp: 109790
Ion Ratio Lower Upper
43 100
58 55.0 27.6 82.8

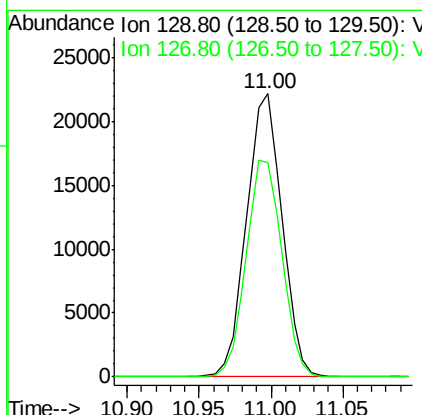
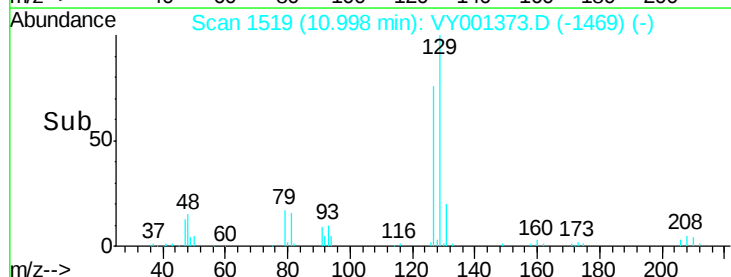
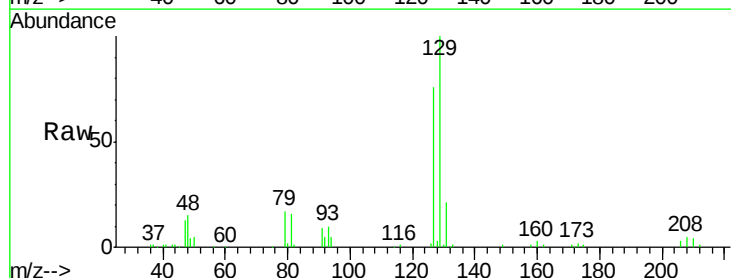
Manual Integrations
APPROVED

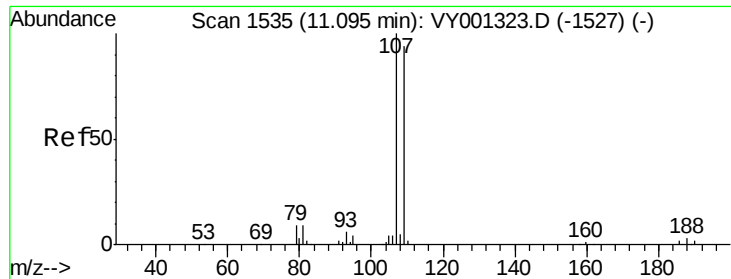
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#60
Dibromochloromethane
Concen: 17.907 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion:129 Resp: 37722
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





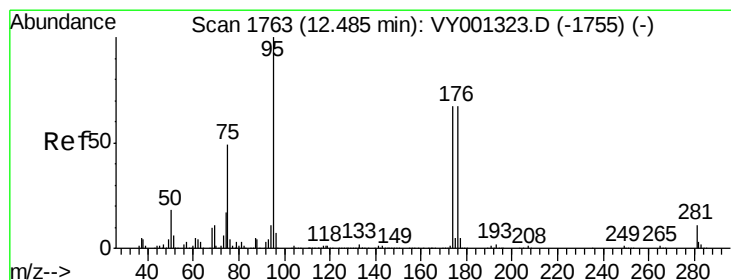
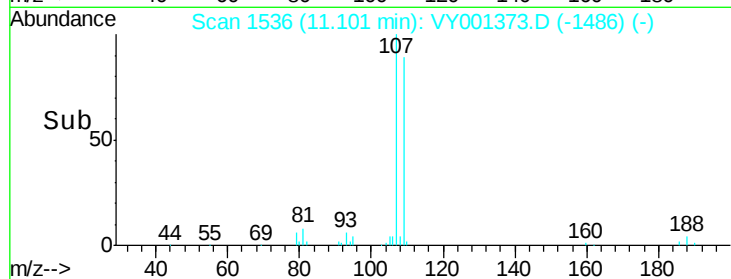
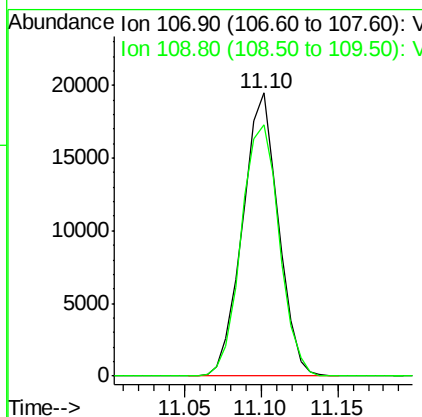
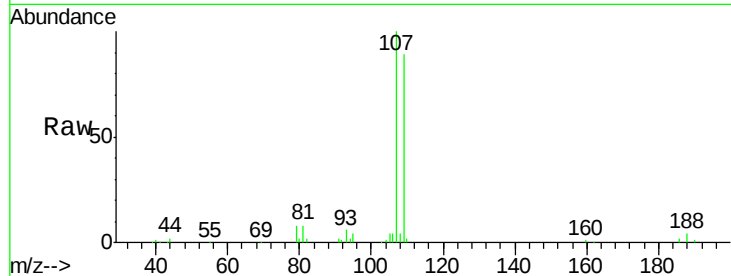
#61
 1,2-Dibromoethane
 Concen: 17.788 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion: 107 Resp: 31672
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.6

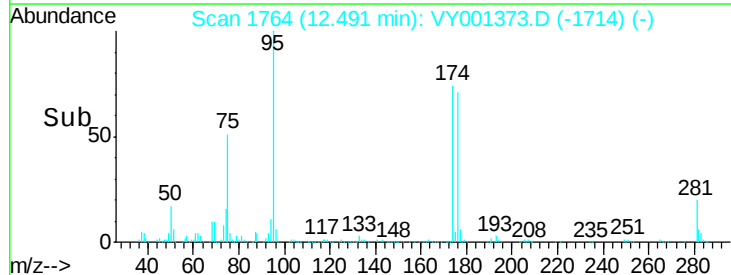
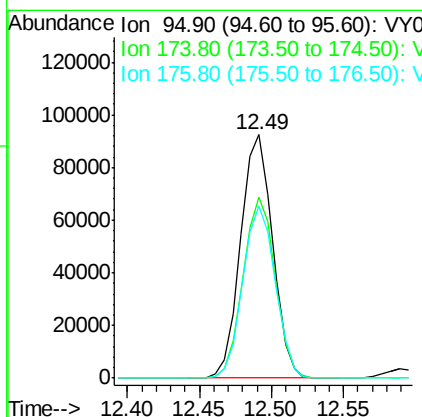
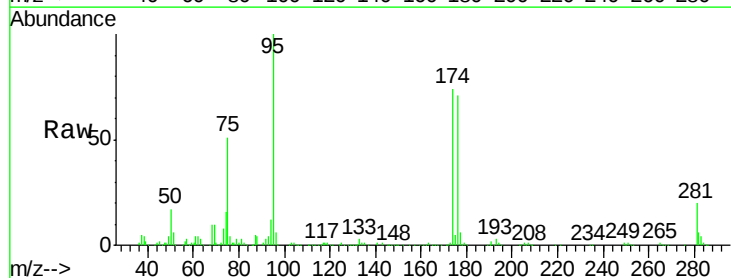
Manual Integrations
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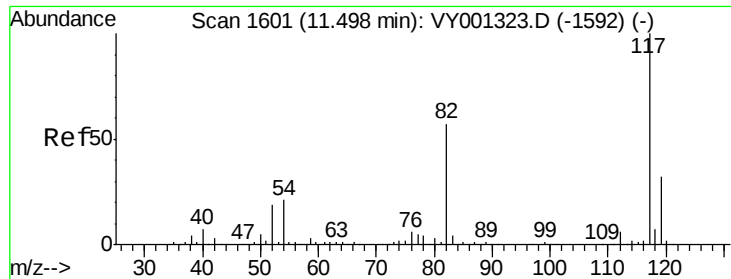
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 47.081 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Tgt Ion: 95 Resp: 141911
 Ion Ratio Lower Upper
 95 100
 174 74.5 0.0 142.0
 176 71.7 0.0 138.6





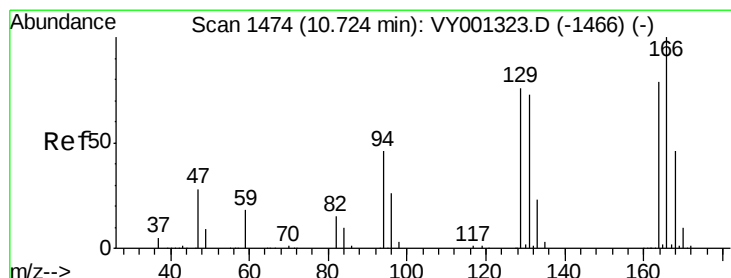
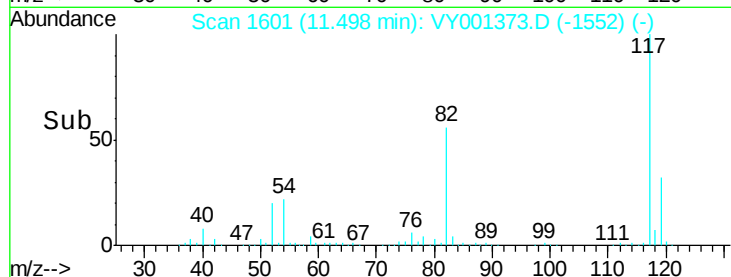
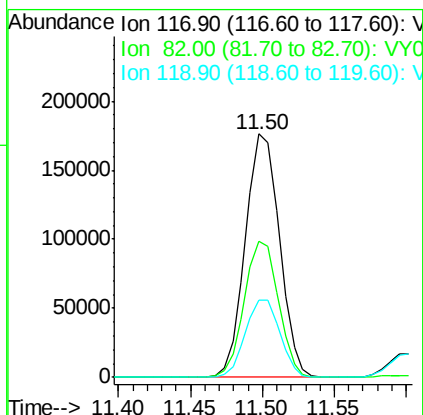
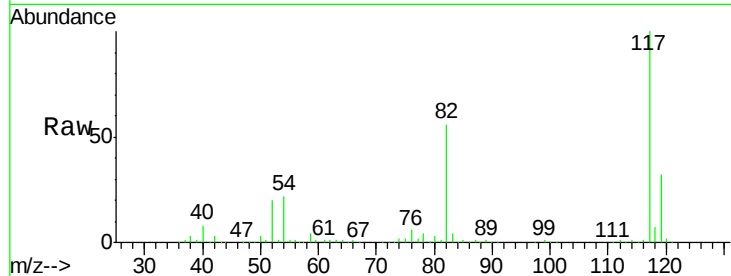
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.5	68.3
119	31.6	25.8	38.6

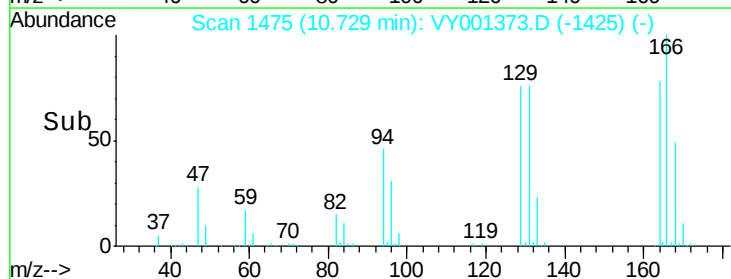
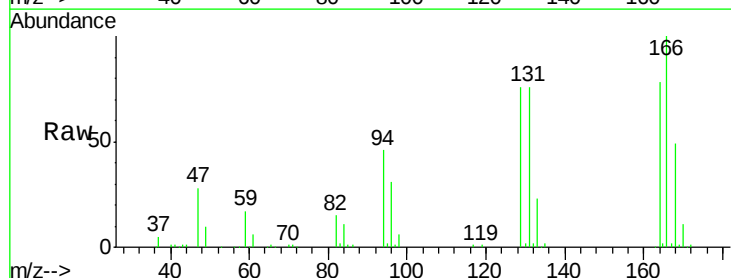
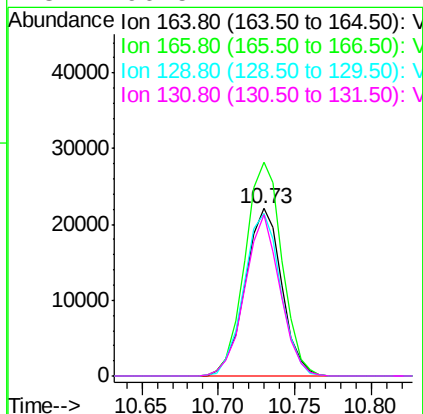
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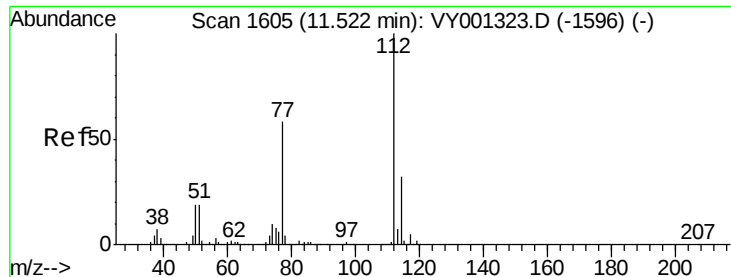
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#64
Tetrachloroethene
Concen: 19.878 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	101.8	152.8
129	97.1	77.1	115.7
131	96.5	74.2	111.2





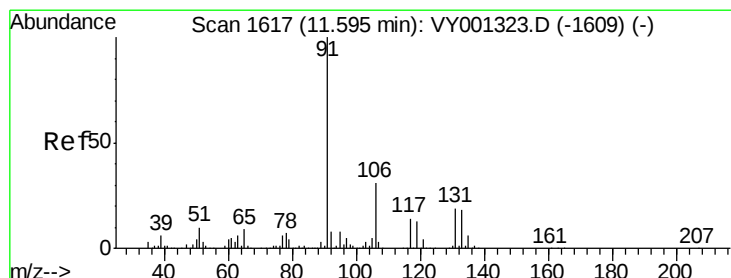
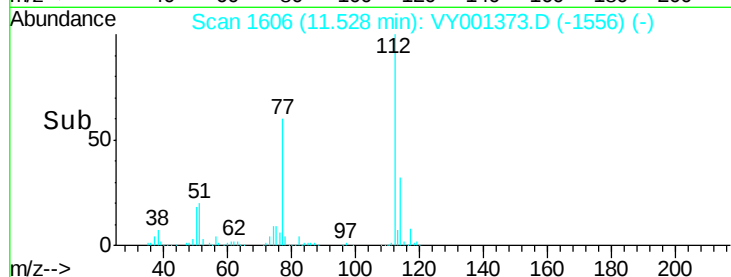
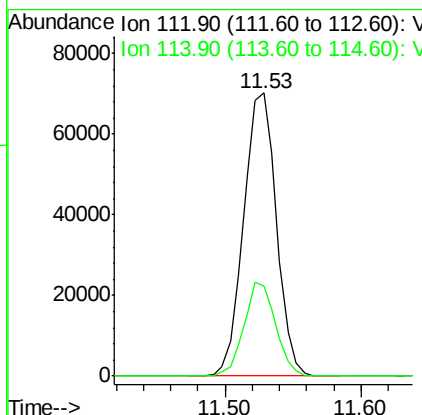
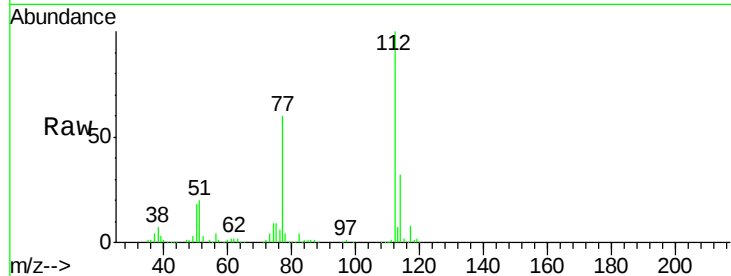
#65
Chlorobenzene
Concen: 19.379 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.8	38.6

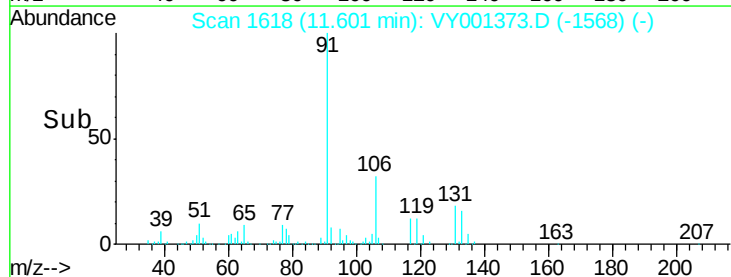
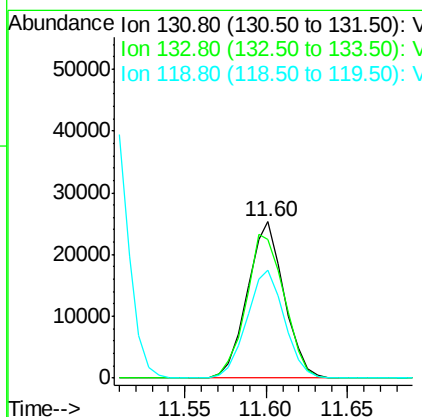
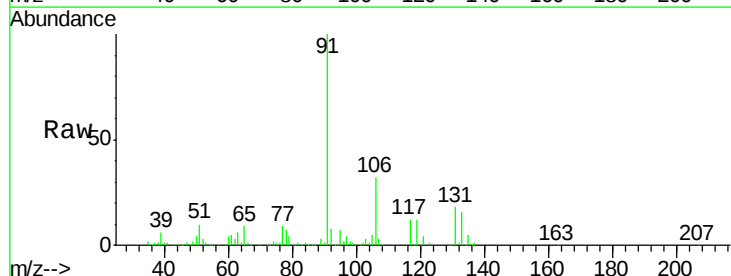
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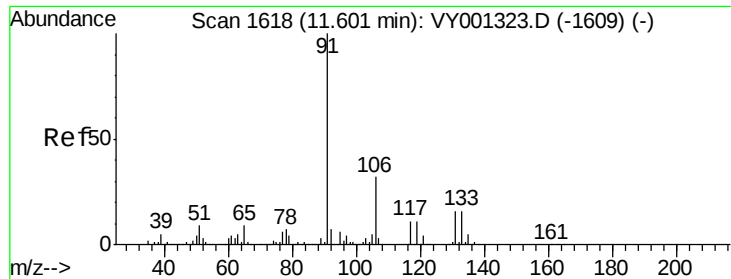
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.065 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.1	141.3
119	70.5	34.1	102.2





#67

Ethyl Benzene

Concen: 19.651 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 91 Resp: 220972

Ion Ratio Lower Upper

91 100

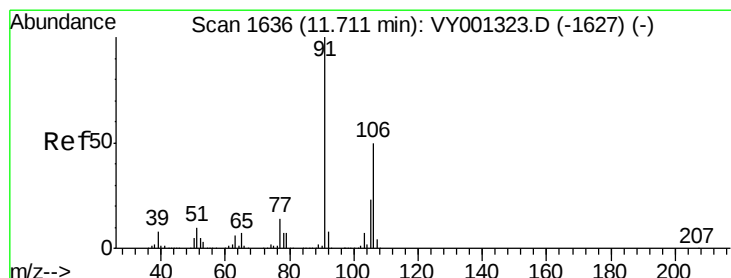
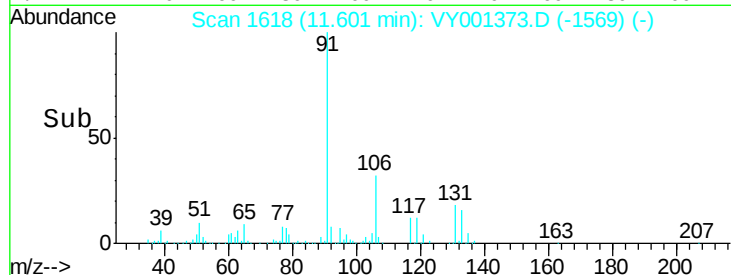
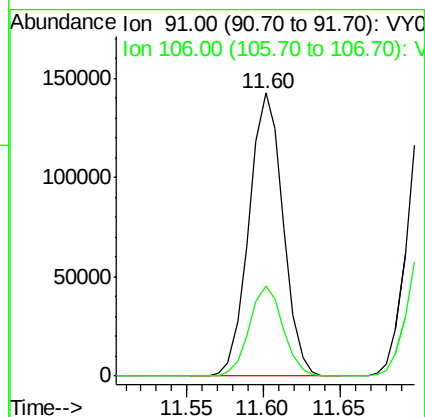
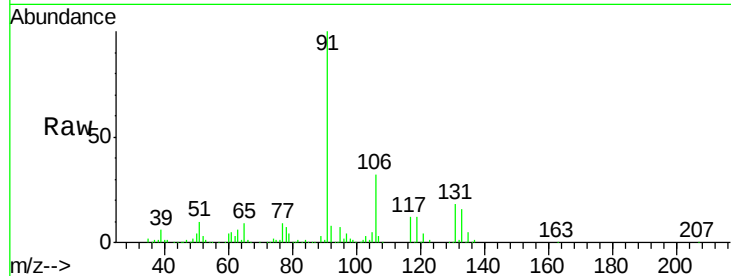
106 31.8 25.4 38.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.785 ug/l

RT: 11.71 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VY001373.D

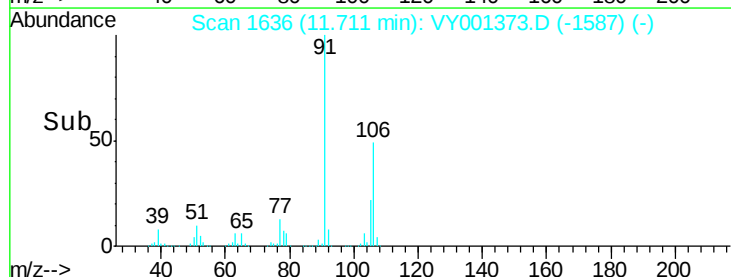
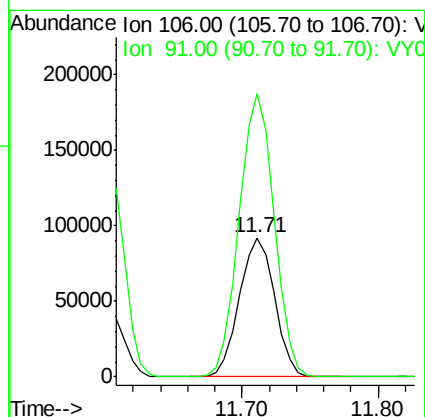
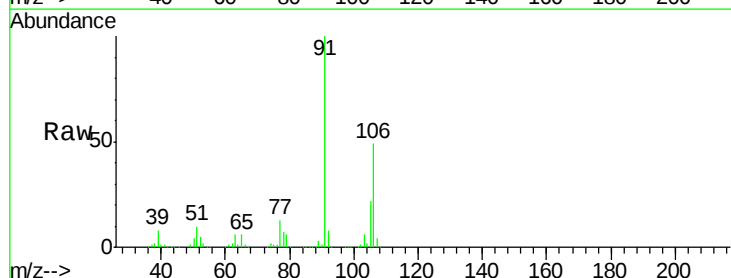
Acq: 24 Jan 2020 11:54

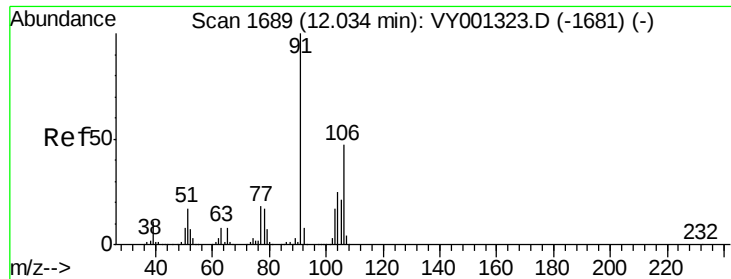
Tgt Ion: 106 Resp: 167091

Ion Ratio Lower Upper

106 100

91 202.5 162.8 244.2





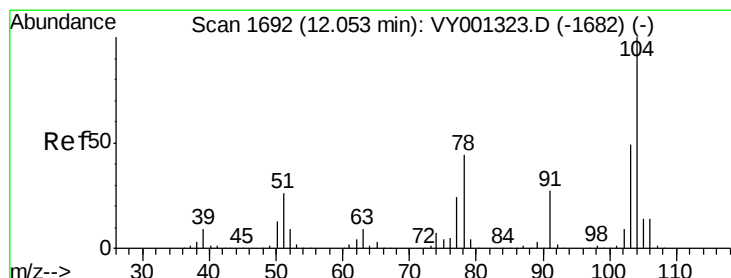
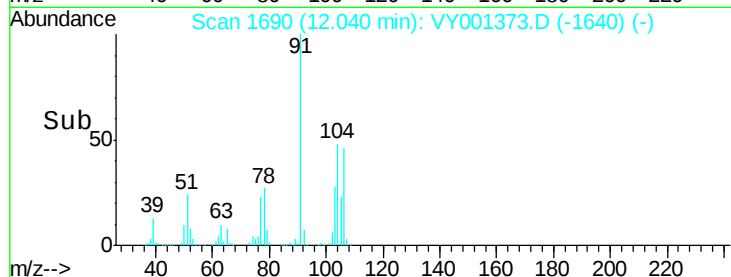
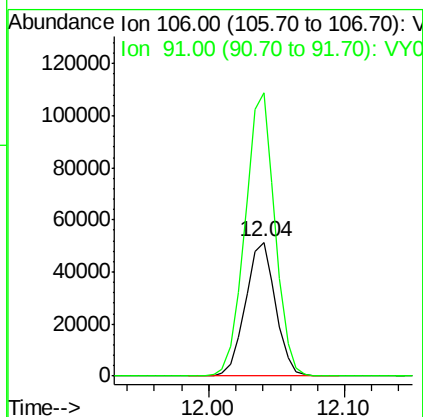
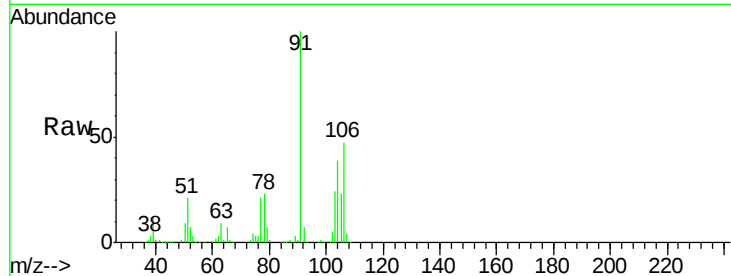
#69
o-Xylene
Concen: 19.679 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion:106 Resp: 79507
Ion Ratio Lower Upper
106 100
91 209.1 106.3 319.0

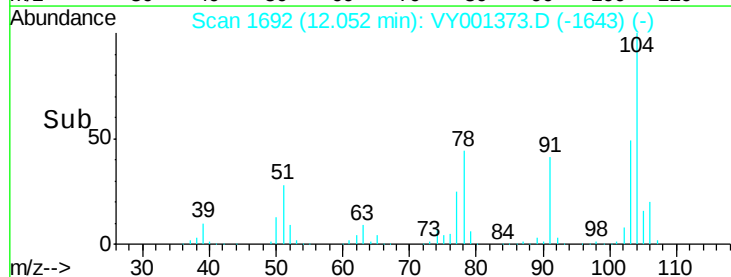
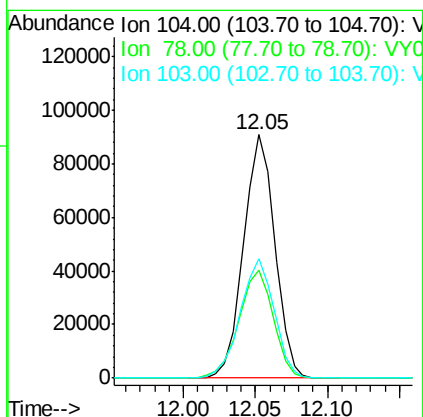
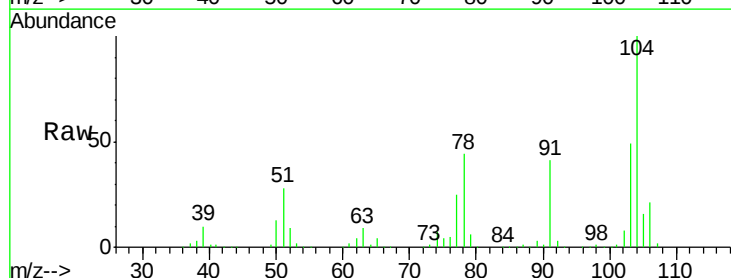
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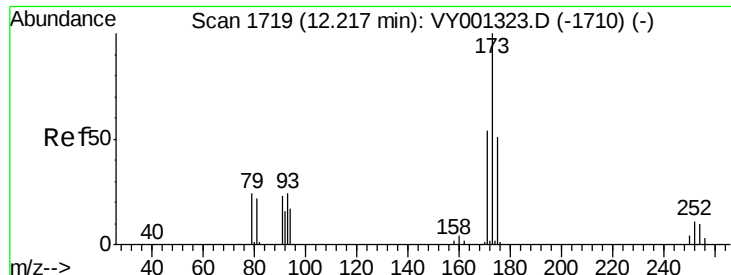
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#70
Styrene
Concen: 19.230 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion:104 Resp: 136316
Ion Ratio Lower Upper
104 100
78 48.8 39.8 59.8
103 53.4 43.2 64.8





#71

Bromoform

Concen: 16.954 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion:173 Resp: 21075

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.9

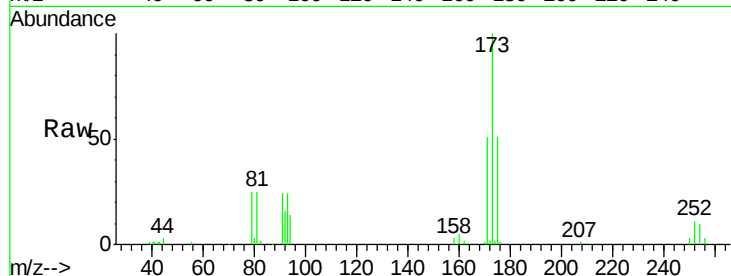
254 0.0 0.0 0.0

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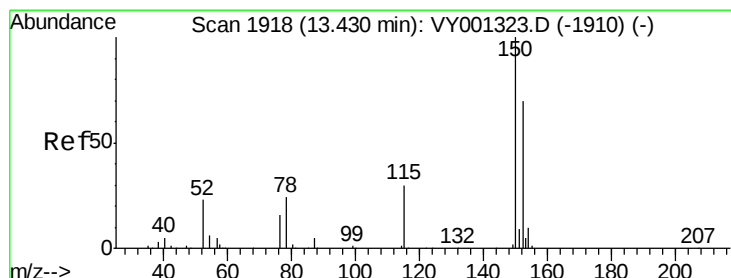
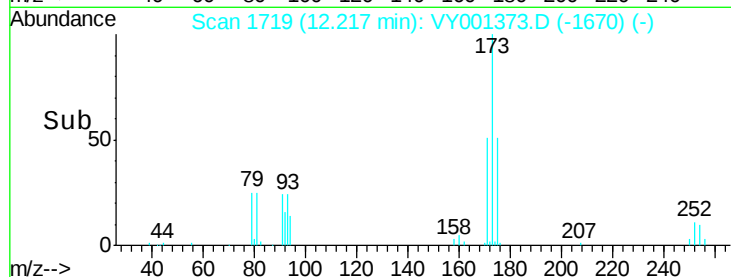
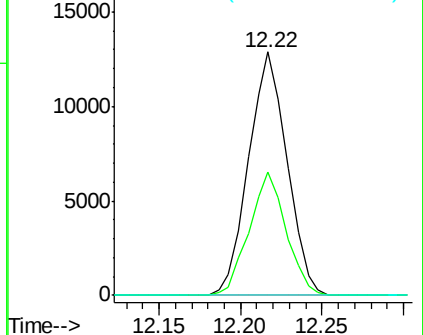
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

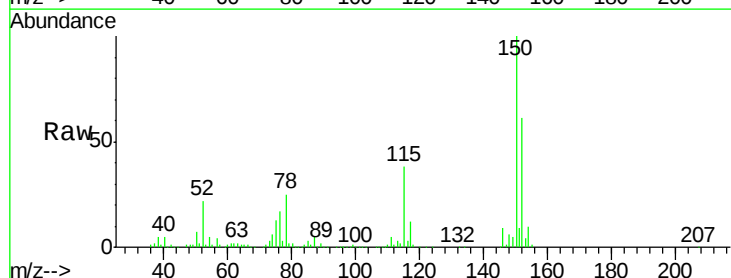
Tgt Ion:152 Resp: 135991

Ion Ratio Lower Upper

152 100

115 61.4 30.9 92.8

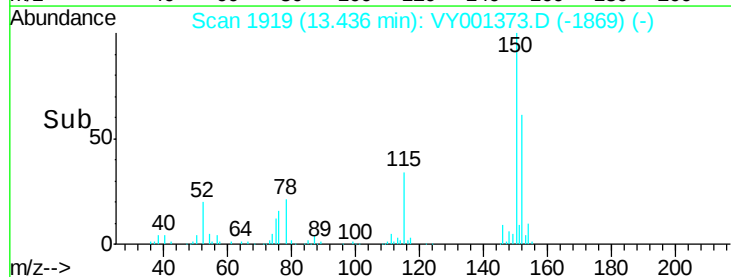
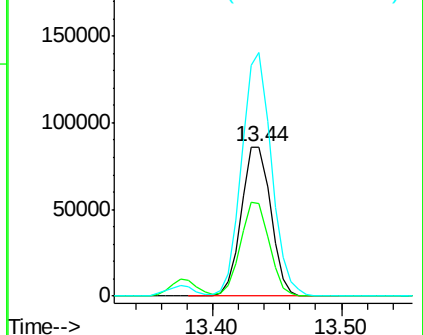
150 164.8 0.0 349.2

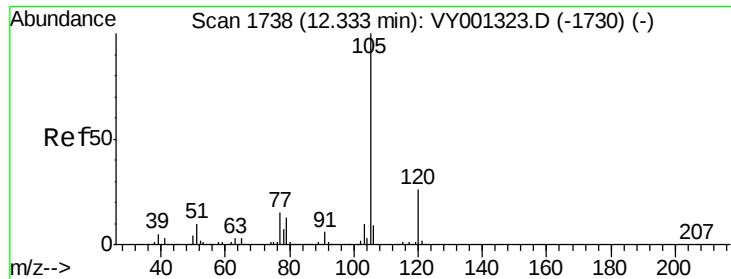


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.905 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 105 Resp: 213596

Ion Ratio Lower Upper

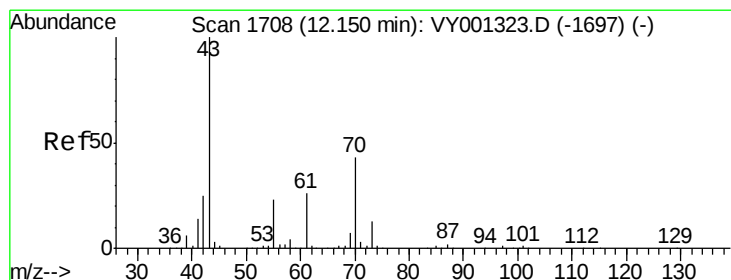
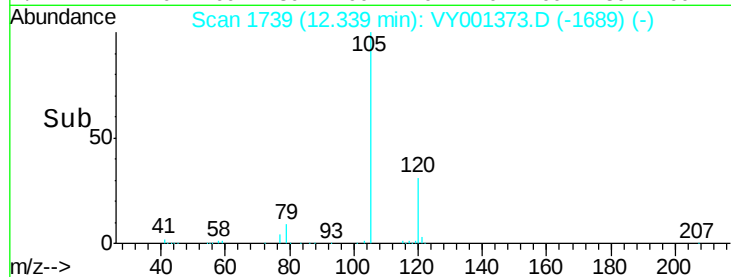
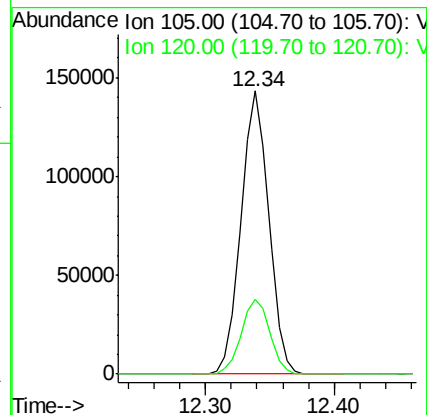
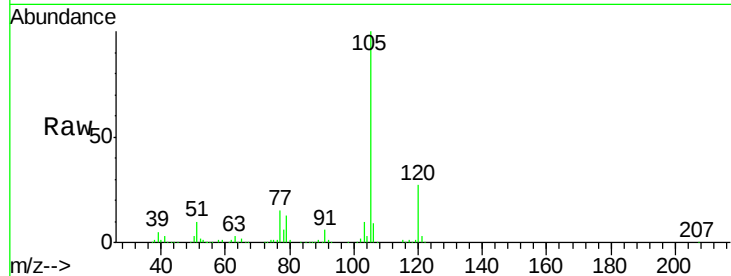
105 100

120 27.1 13.5 40.4

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#74

N-ethyl acetate

Concen: 16.744 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Tgt Ion: 43 Resp: 58816

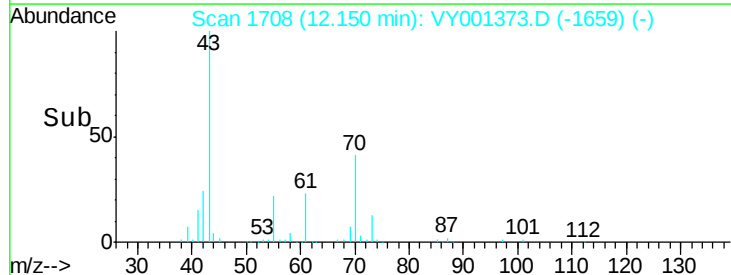
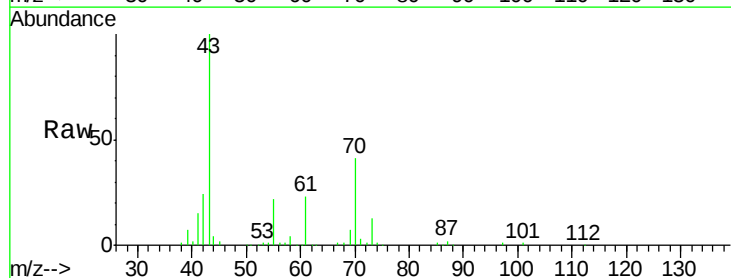
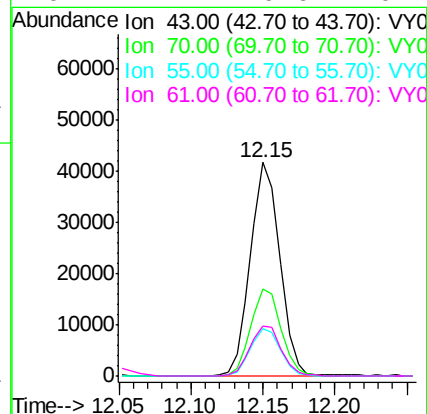
Ion Ratio Lower Upper

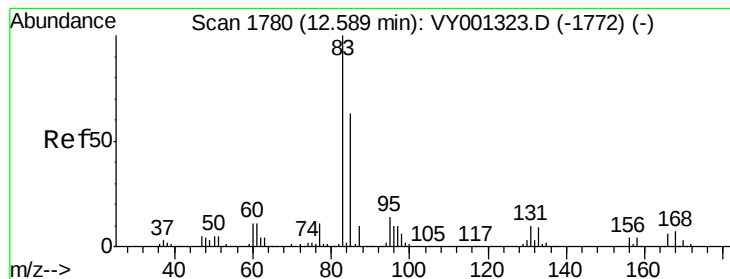
43 100

70 42.1 33.5 50.3

55 22.8 18.2 27.2

61 24.7 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.301 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

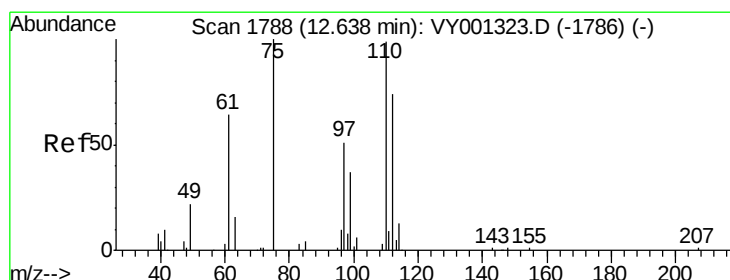
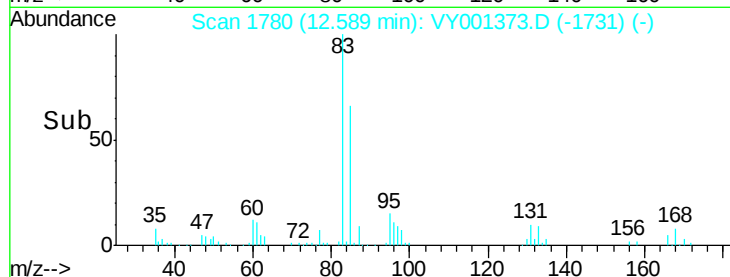
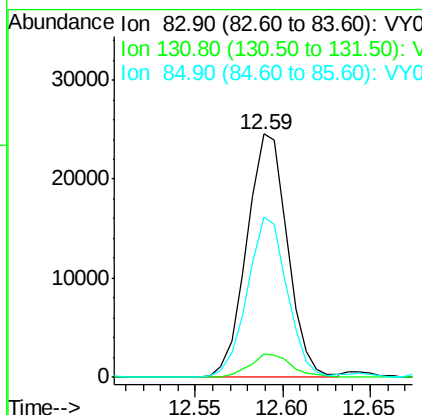
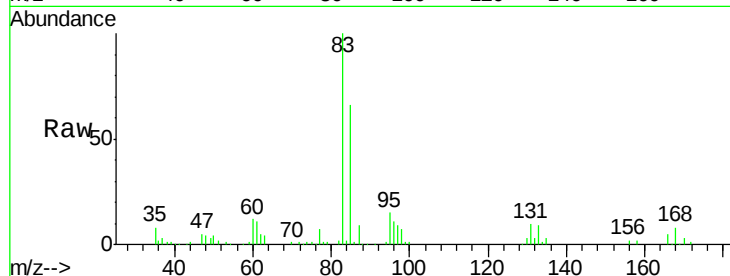
ClientSampleId :

VY0124SBS01

Tot Ion:	83	Resp:	39761
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.6
85	64.9	31.4	94.3

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#76

1,2,3-Trichloropropane

Concen: 15.273 ug/l m

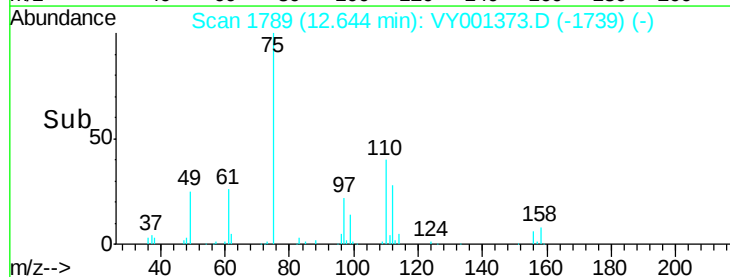
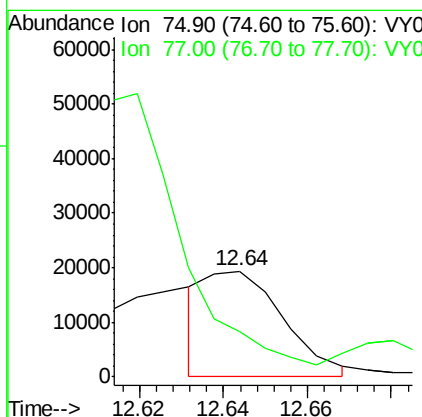
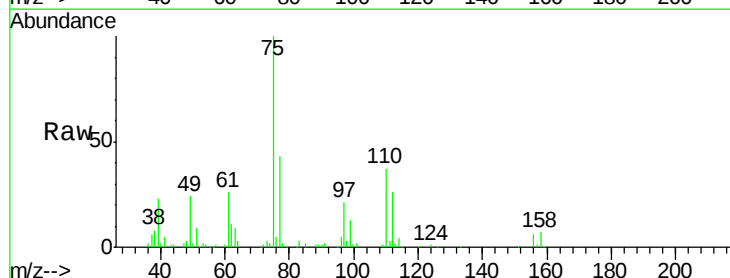
RT: 12.64 min Scan# 1789

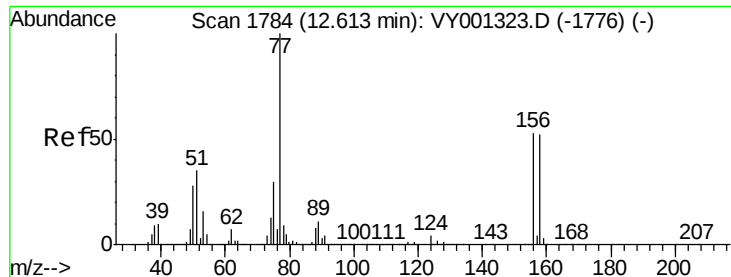
Delta R.T. 0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Tgt Ion:	75	Resp:	25028
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.088 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion:156 Resp: 45368

Ion Ratio Lower Upper

156 100

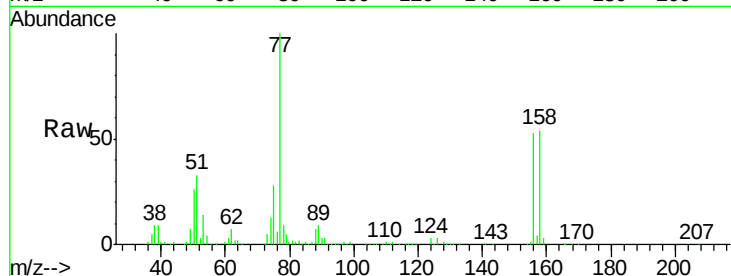
77 205.0 104.7 313.9

158 96.6 48.6 145.8

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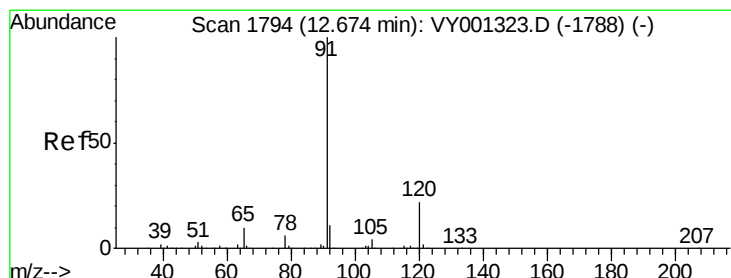
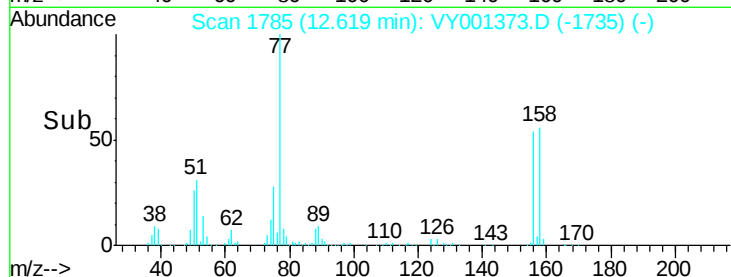
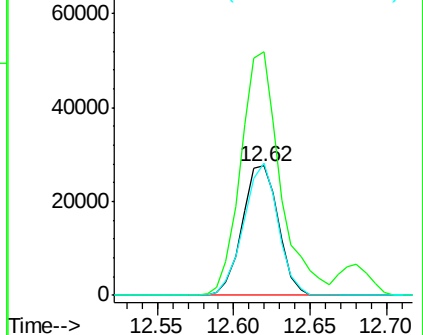
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.254 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001373.D

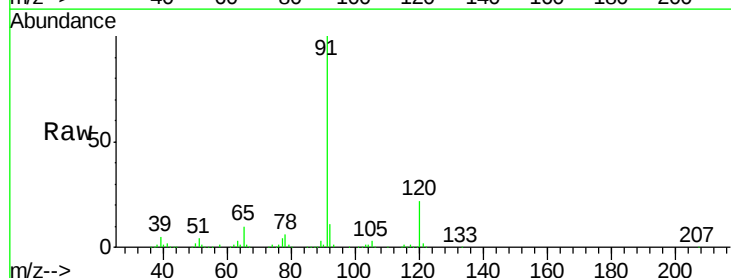
Acq: 24 Jan 2020 11:54

Tgt Ion: 91 Resp: 261597

Ion Ratio Lower Upper

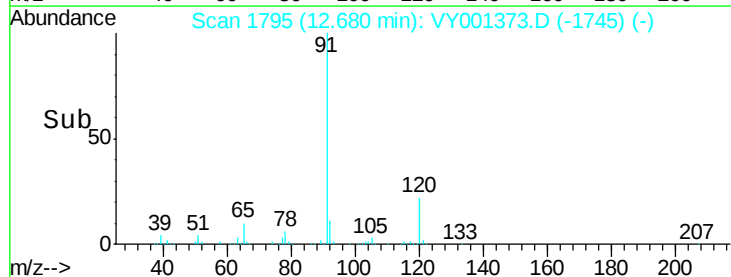
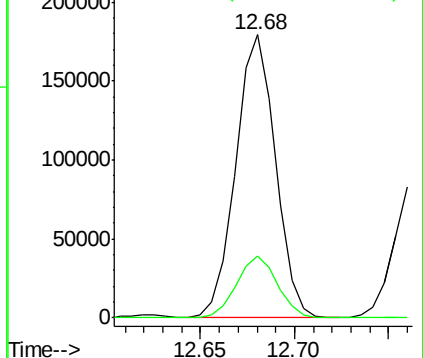
91 100

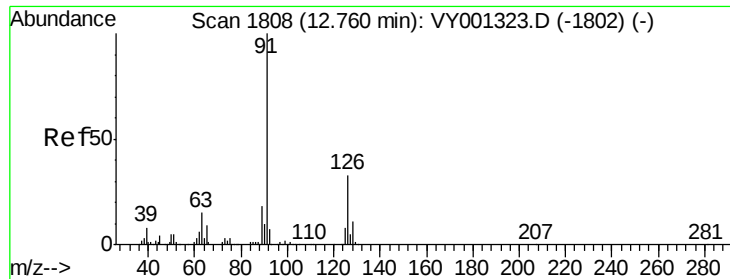
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





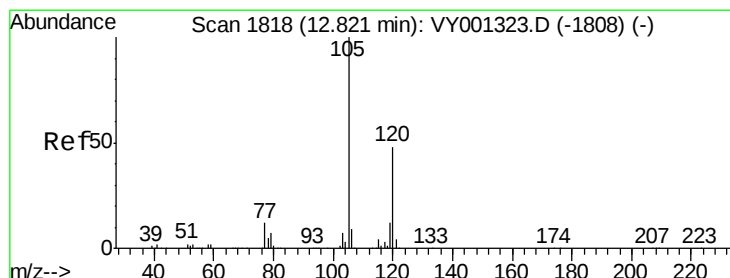
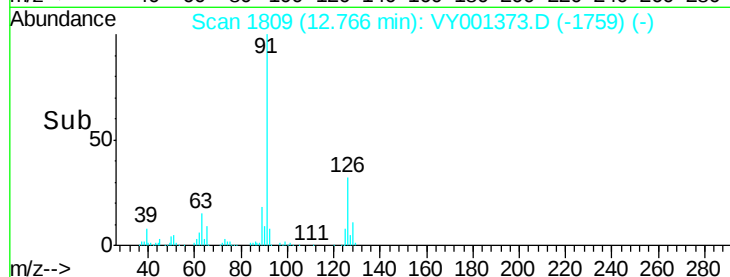
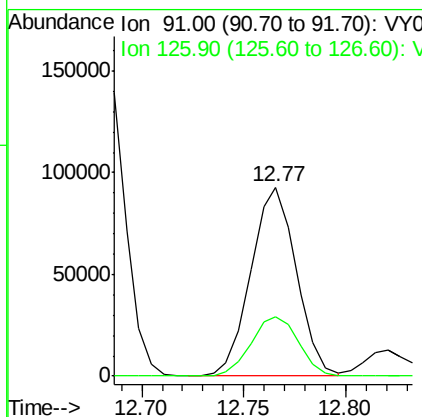
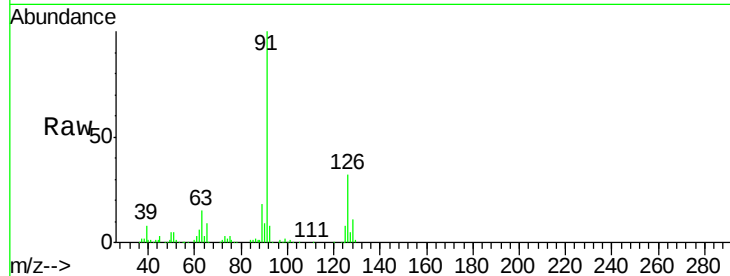
#79
 2-Chlorotoluene
 Concen: 19.542 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion: 91 Resp: 144195
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.6 49.7

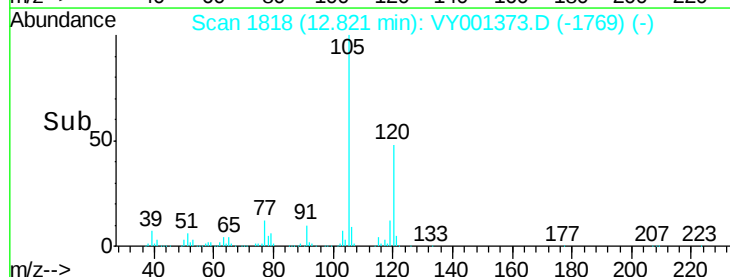
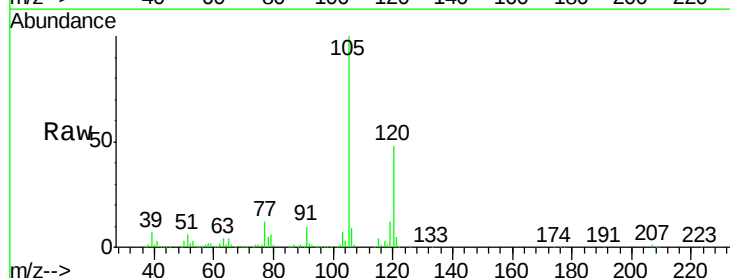
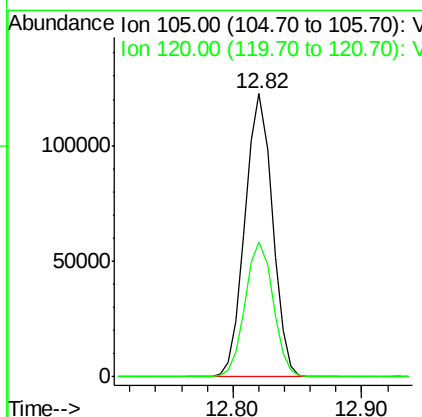
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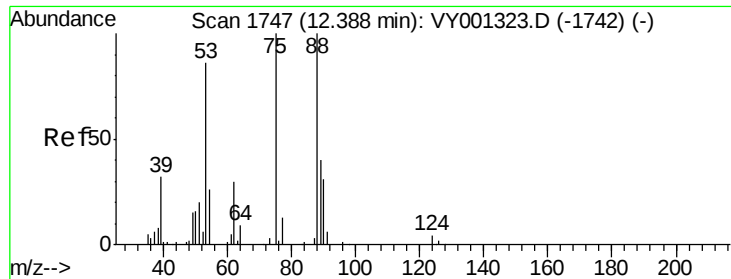
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.164 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Tgt Ion: 105 Resp: 180617
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 16.964 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 75 Resp: 14690

Ion Ratio Lower Upper

75 100

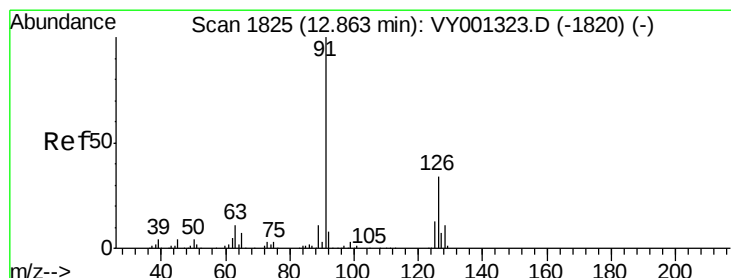
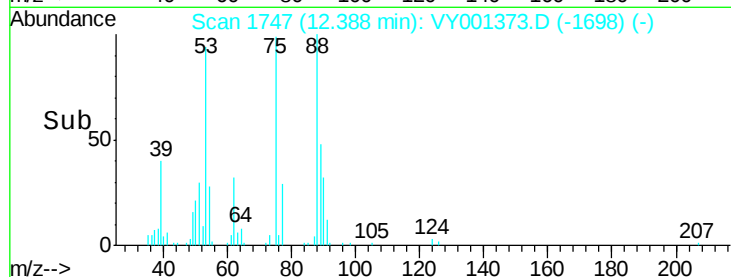
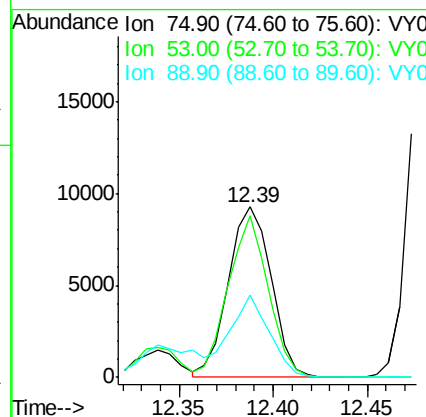
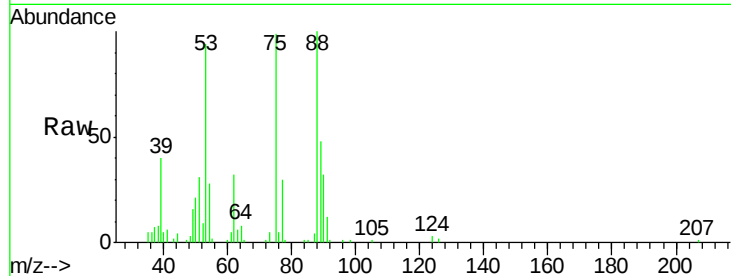
53 88.4 69.9 104.9

89 44.9 36.6 54.8

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#82

4-Chlorotoluene

Concen: 19.424 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VY001373.D

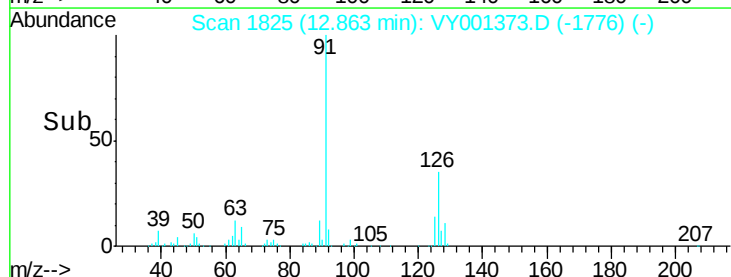
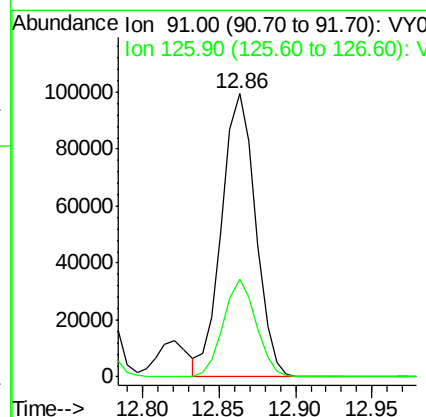
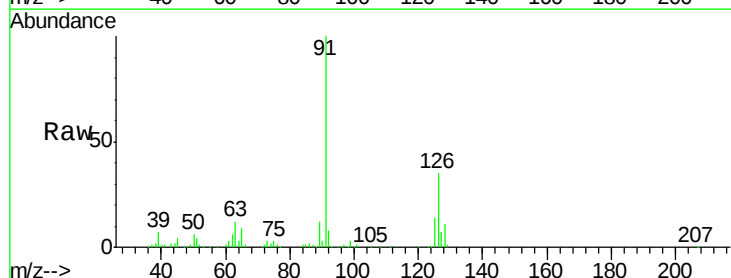
Acq: 24 Jan 2020 11:54

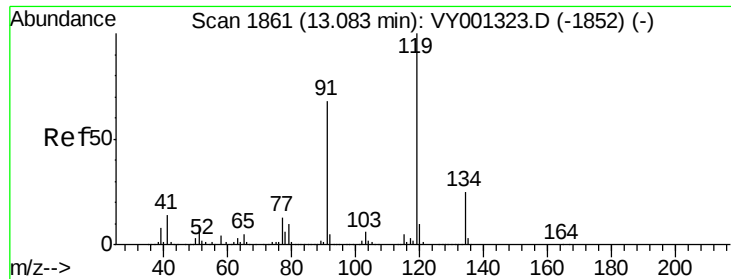
Tgt Ion: 91 Resp: 153091

Ion Ratio Lower Upper

91 100

126 33.4 16.4 49.4





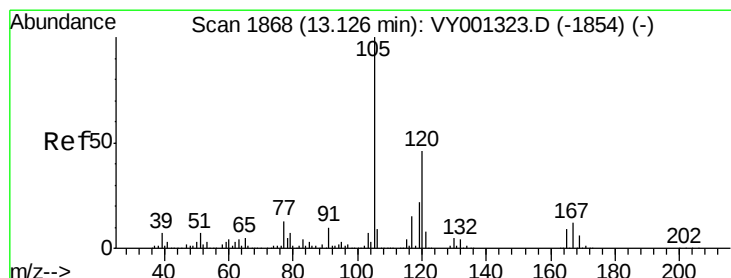
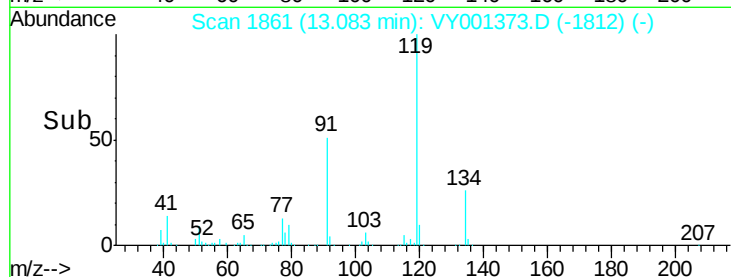
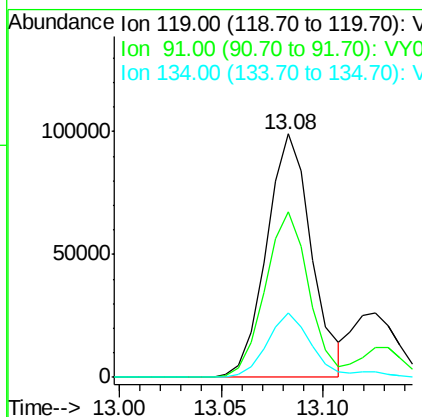
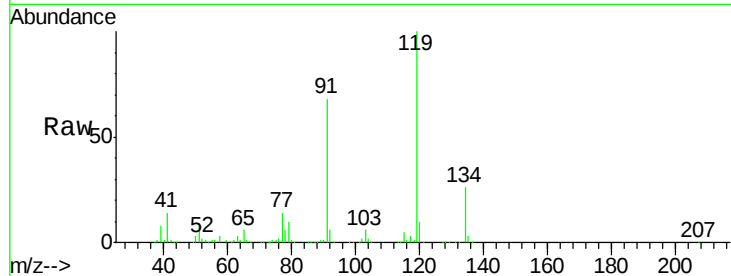
#83
 tert-Butylbenzene
 Concen: 20.177 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.8	33.0	99.0
134	27.0	13.3	39.9

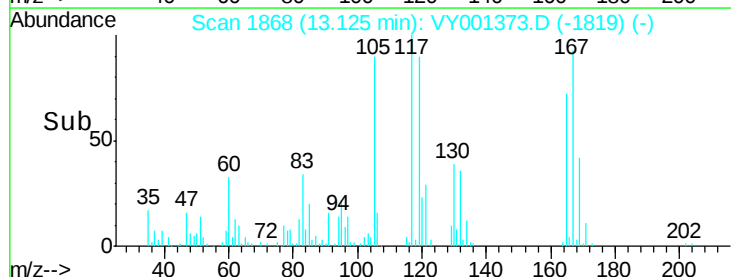
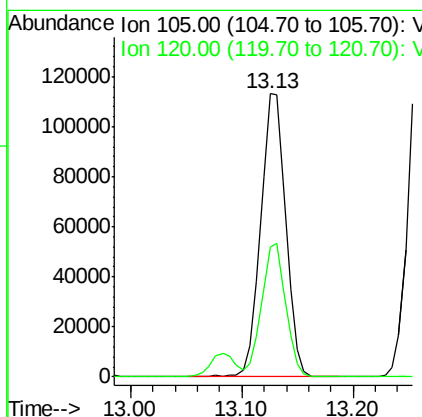
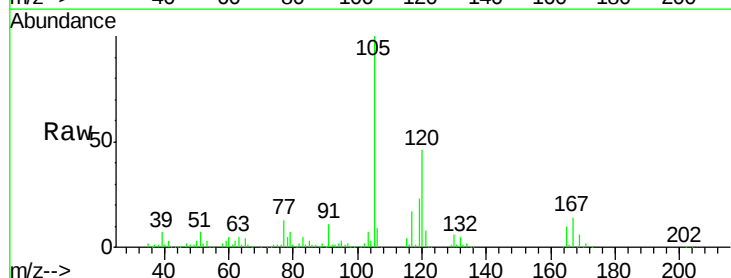
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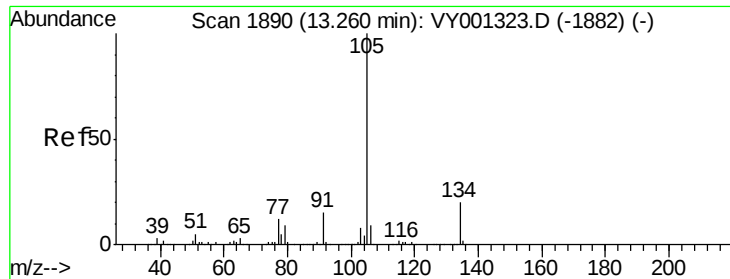
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.910 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.4	67.3





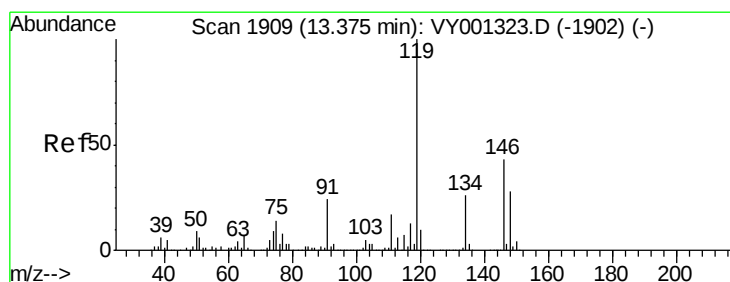
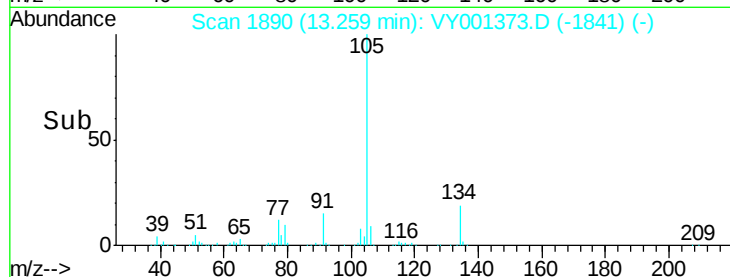
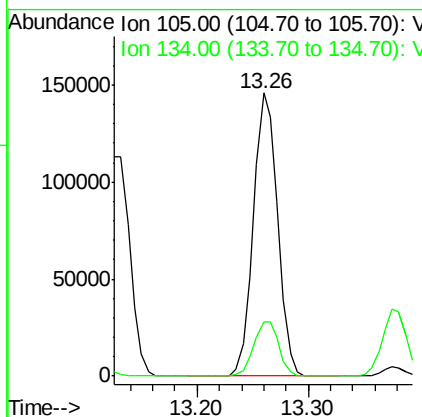
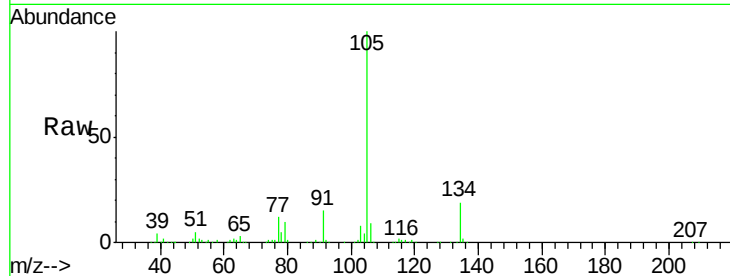
#85
 sec-Butylbenzene
 Concen: 20.584 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.4

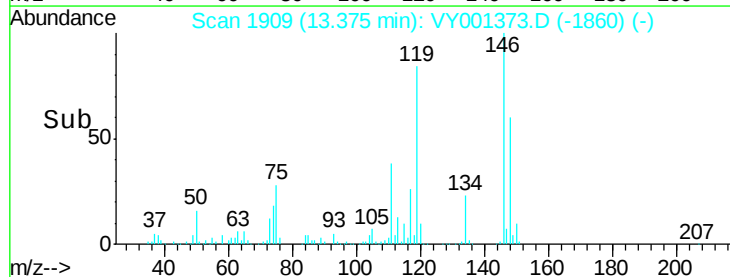
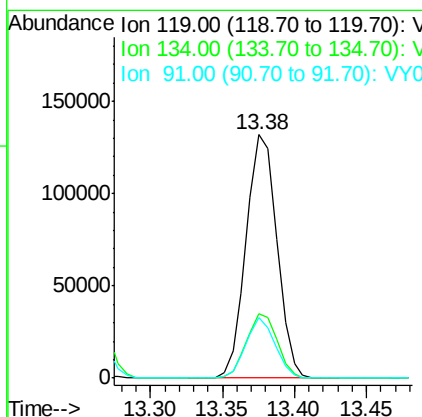
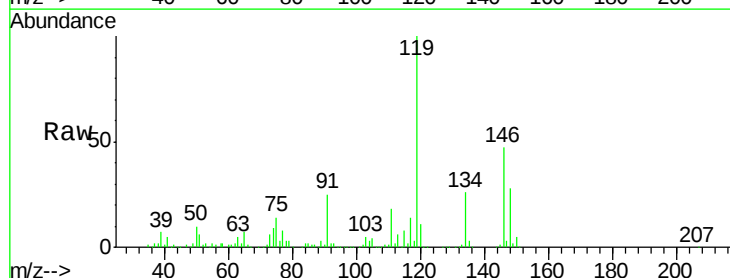
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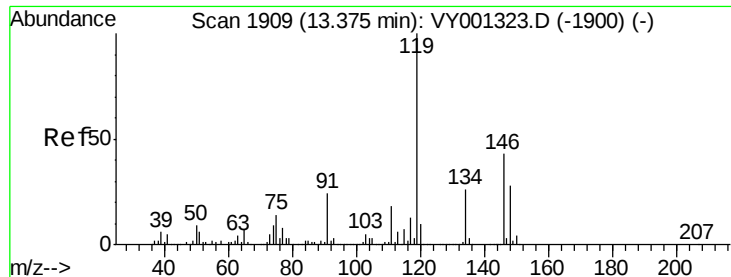
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#86
 p-Isopropyltoluene
 Concen: 20.655 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.5	40.4
91	23.5	12.2	36.6





#87

1,3-Dichlorobenzene

Concen: 19.791 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

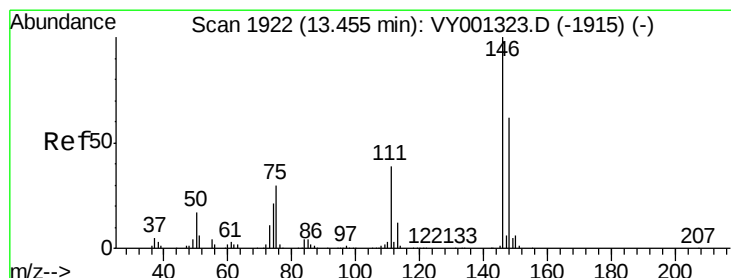
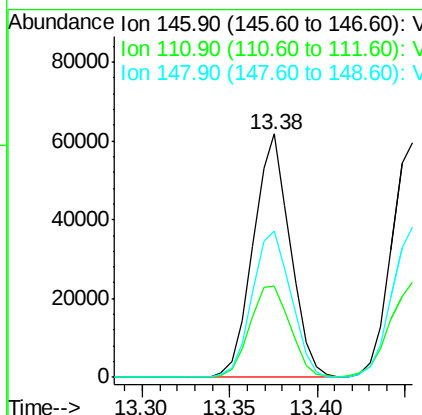
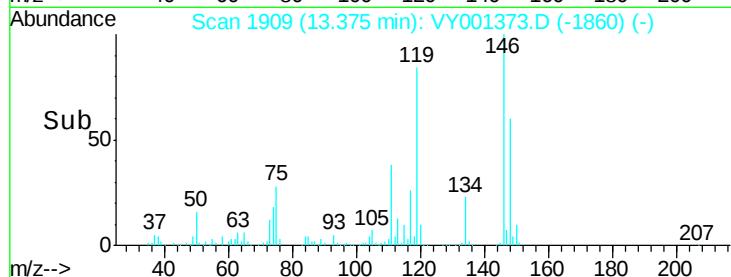
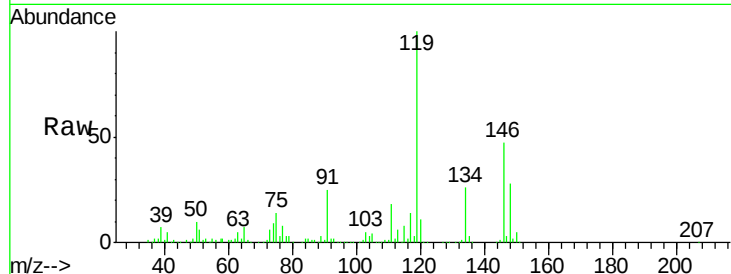
ClientSampleId :

VY0124SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.6	61.8
148	63.5	31.6	95.0

Manual Integrations
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1/27/2020 12:01:51 PM



#88

1,4-Dichlorobenzene

Concen: 19.895 ug/l

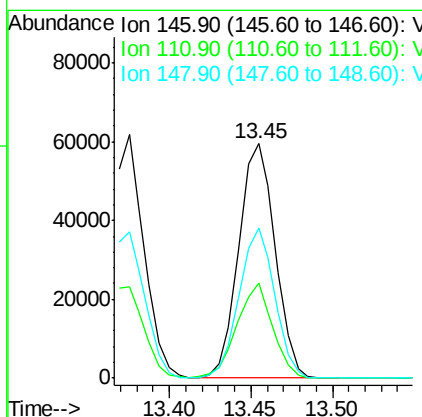
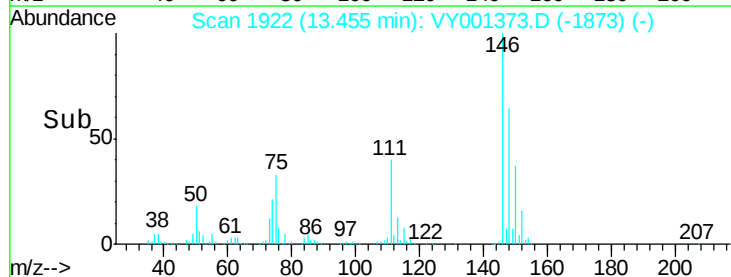
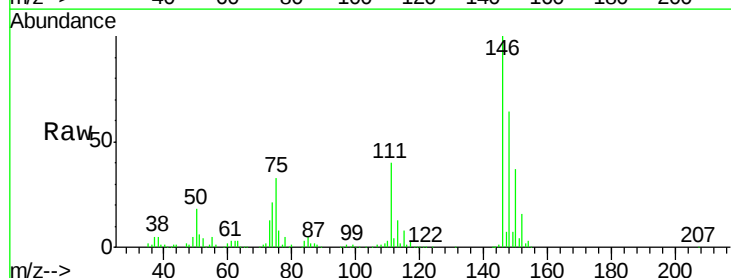
RT: 13.45 min Scan# 1922

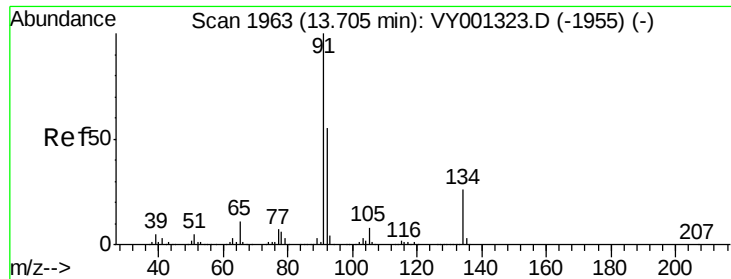
Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.5	61.5
148	62.7	31.6	95.0





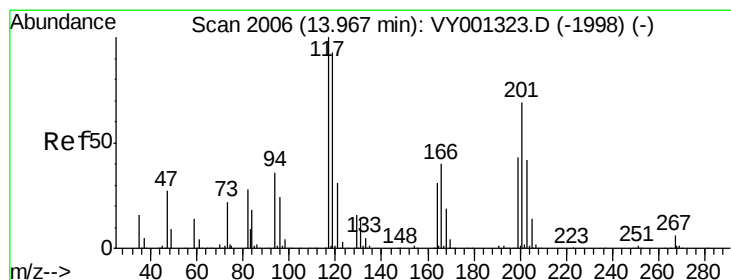
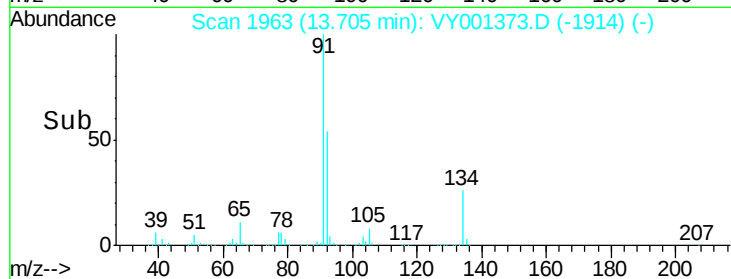
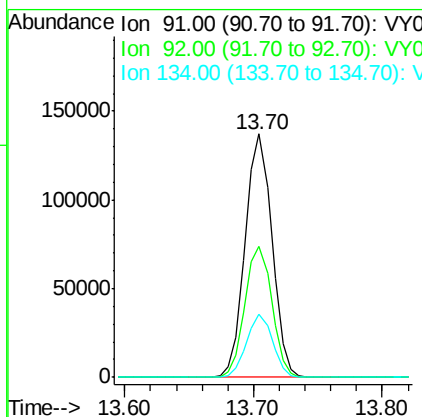
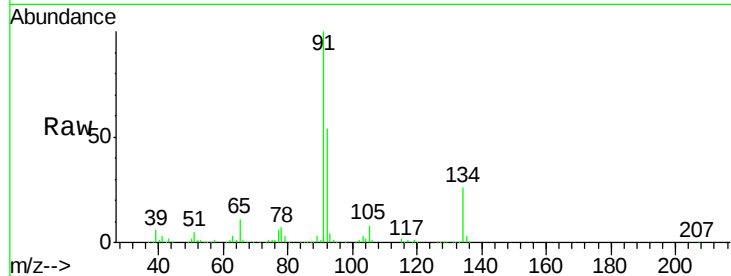
#89
n-Butylbenzene
Concen: 20.647 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	196435		
92	54.1		27.6	82.8
134	25.3		12.9	38.6

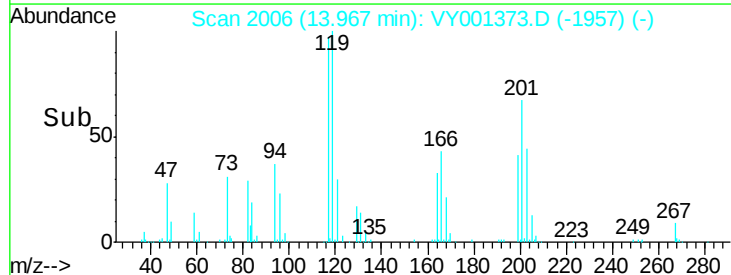
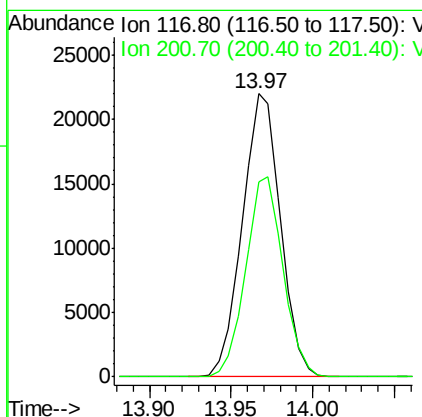
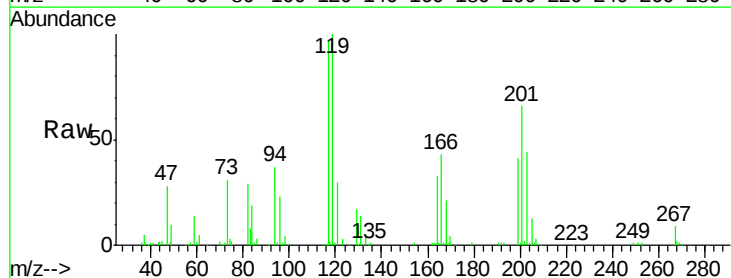
Manual Integrations
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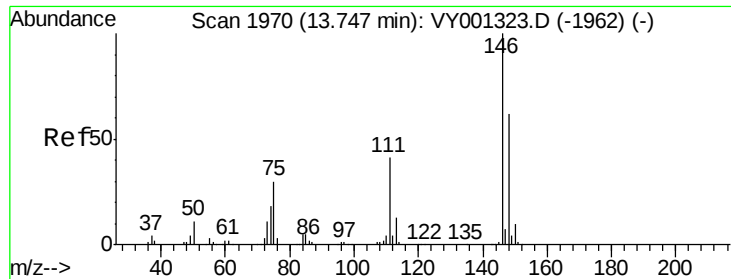
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#90
Hexachloroethane
Concen: 19.968 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35780		
201	69.0		34.6	103.8





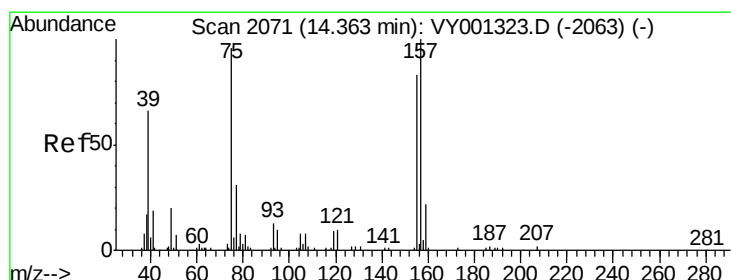
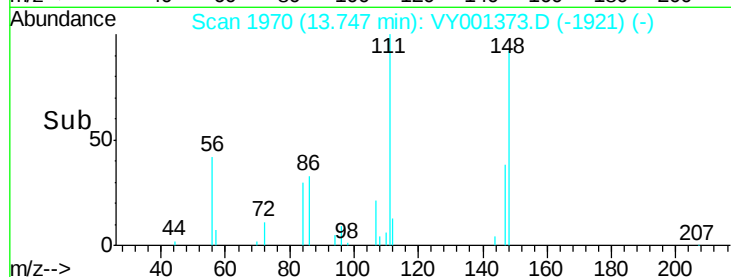
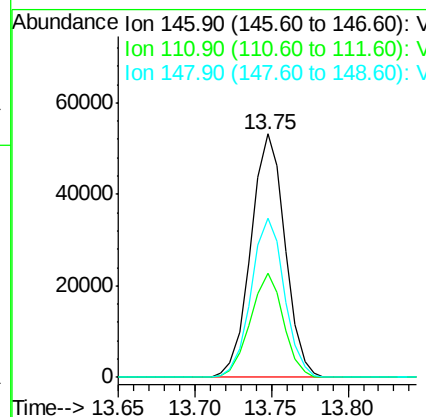
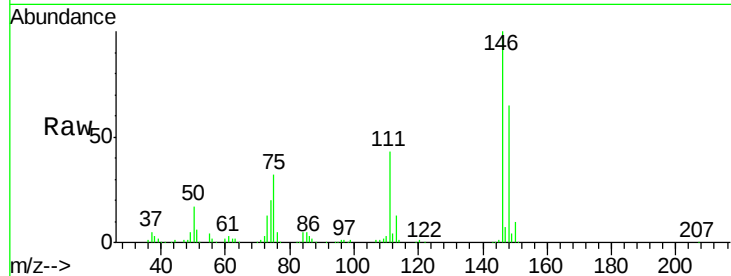
#91
 1,2-Dichlorobenzene
 Concen: 19.511 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.1	63.4
148	63.9	31.5	94.5

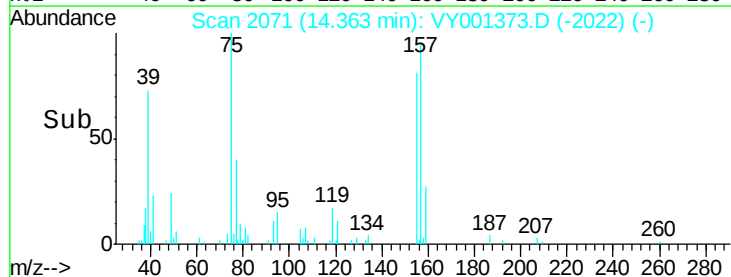
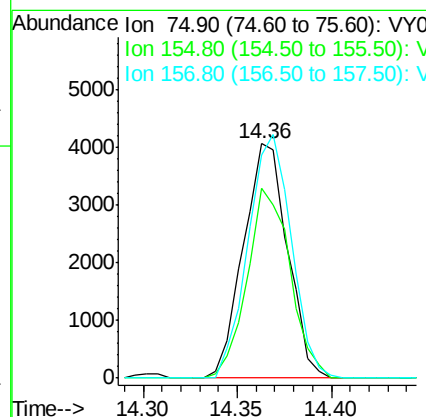
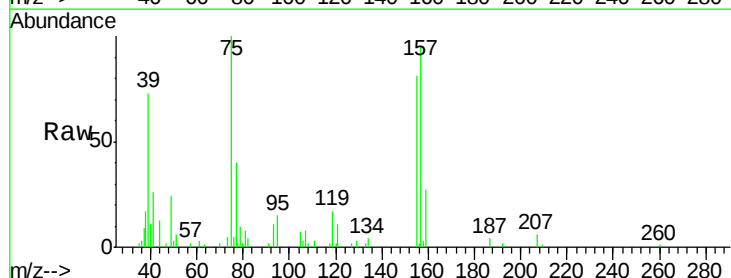
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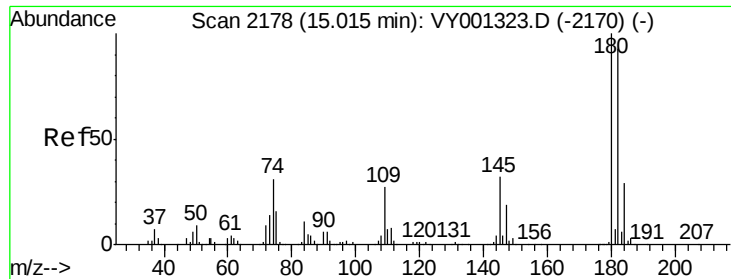
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.615 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001373.D
 Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.2	43.0	129.2
157	102.4	53.3	160.0





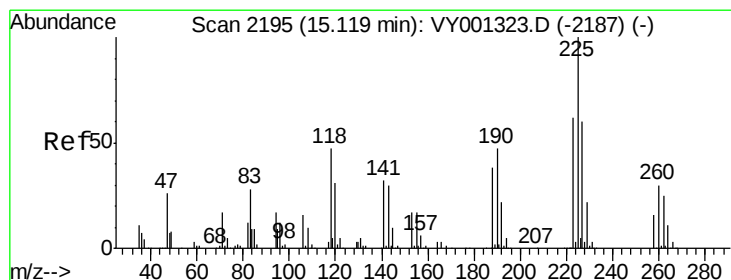
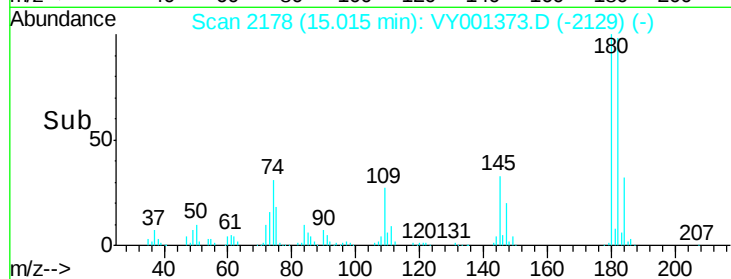
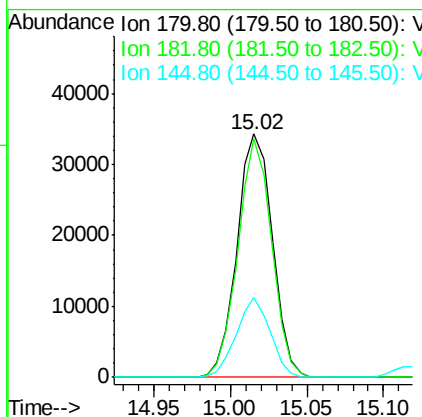
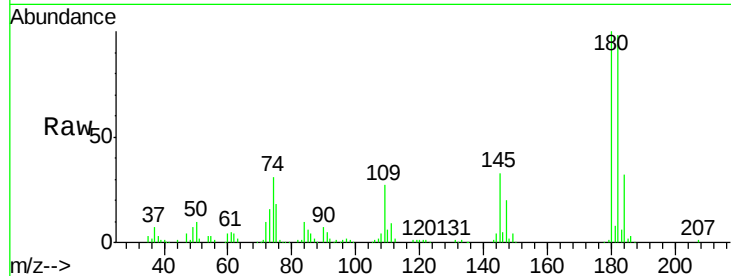
#93
1,2,4-Trichlorobenzene
Concen: 19.442 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.6	142.8
145	31.1	16.3	48.9

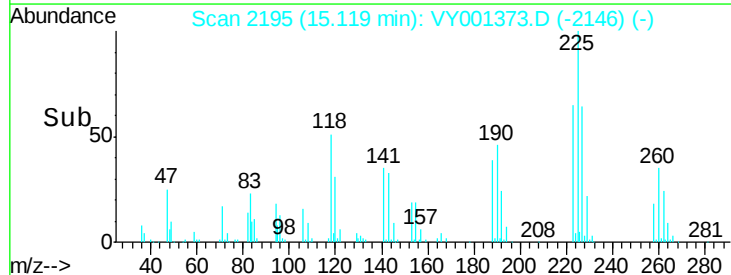
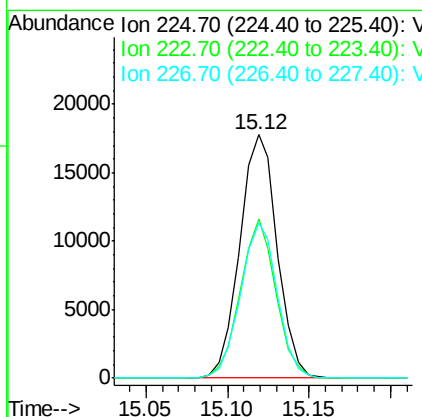
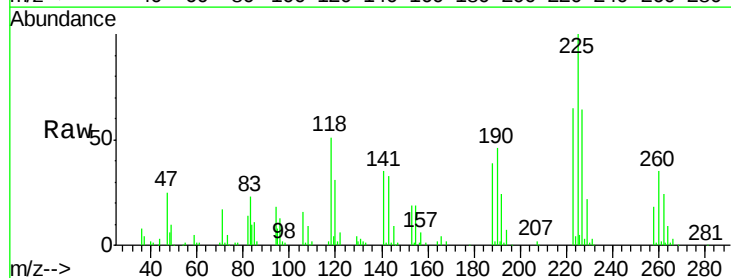
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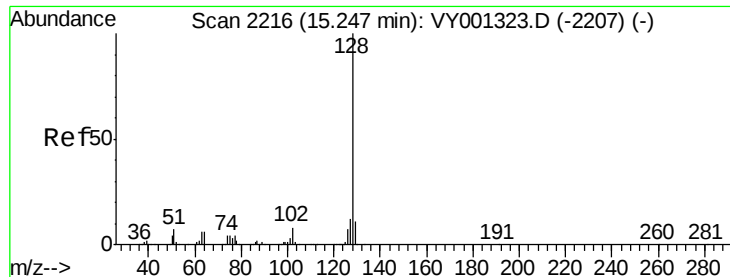
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#94
Hexachlorobutadiene
Concen: 20.500 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VY001373.D
Acq: 24 Jan 2020 11:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.2	93.6
227	62.7	31.0	93.0





#95

Naphthalene

Concen: 17.845 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Instrument :

MSVOA_Y

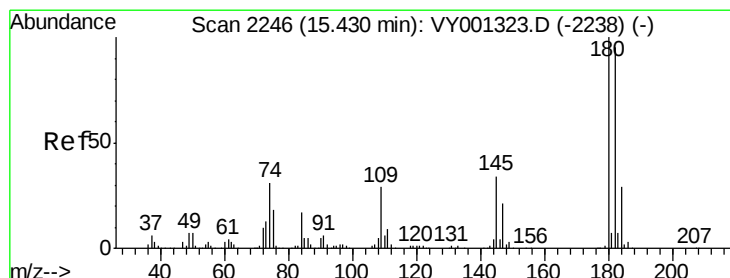
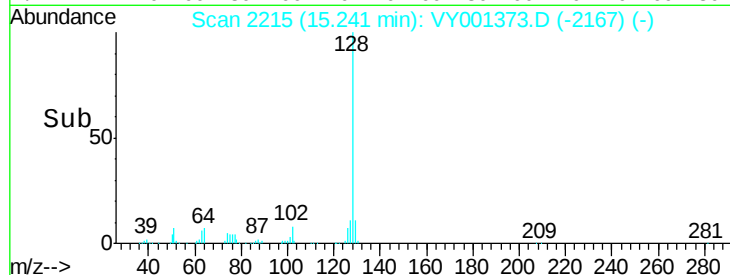
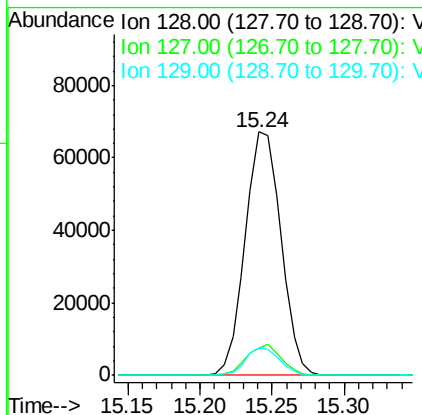
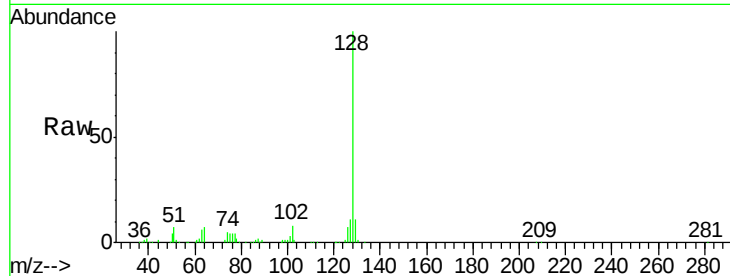
ClientSampleId :

VY0124SBS01

Tot Ion:	128	Resp:	115614
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.2	15.2
129	10.8	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.170 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.00 min

Lab File: VY001373.D

Acq: 24 Jan 2020 11:54

Tgt Ion:	180	Resp:	47646
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.3	141.8
145	32.9	16.8	50.3

