

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001385.D
 Acq On : 24 Jan 2020 16:17
 Operator : SY/MD
 Sample : VY0124SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 12:02:12 PM

Quant Time: Jan 25 04:36:33 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	197644	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	344882	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	306105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	145886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	108506	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
35) Dibromofluoromethane	7.74	113	101559	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	10.19	98	411953	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.49	95	150056	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	31883	20.456	ug/l	100
3) Chloromethane	2.12	50	45132	19.159	ug/l	98
4) Vinyl Chloride	2.26	62	47247	19.235	ug/l	99
5) Bromomethane	2.65	94	32124	19.419	ug/l	98
6) Chloroethane	2.80	64	29468	18.775	ug/l	99
7) Trichlorofluoromethane	3.14	101	61640	19.614	ug/l	98
8) Diethyl Ether	3.55	74	23973	18.070	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	38562	19.267	ug/l	98
10) Methyl Iodide	4.11	142	44080	16.699	ug/l	99
11) Tert butyl alcohol	4.99	59	21493	65.156	ug/l	97
12) 1,1-Dichloroethene	3.90	96	39671	18.905	ug/l	100
13) Acrolein	3.75	56	16402	94.809	ug/l	94
14) Allyl chloride	4.50	41	69242	18.503	ug/l	98
15) Acrylonitrile	5.19	53	62098	91.442	ug/l	100
16) Acetone	3.97	43	45518	75.039	ug/l	99
17) Carbon Disulfide	4.22	76	123189	18.666	ug/l	99
18) Methyl Acetate	4.51	43	32839	18.107	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	111115	18.084	ug/l	97
20) Methylene Chloride	4.74	84	47179	14.779	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	45105	18.504	ug/l	97
22) Diisopropyl ether	6.15	45	140843	17.724	ug/l	96
23) Vinyl Acetate	6.09	43	465672	90.264	ug/l	98
24) 1,1-Dichloroethane	6.05	63	75471	18.018	ug/l	95
25) 2-Butanone	7.02	43	82310	87.931	ug/l	98
26) 2,2-Dichloropropane	7.01	77	69360	18.590	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	48869	17.939	ug/l	95
28) Bromochloromethane	7.36	49	30425	17.613	ug/l	99
29) Tetrahydrofuran	7.38	42	55724	91.501	ug/l	99
30) Chloroform	7.53	83	74553	18.159	ug/l	97
31) Cyclohexane	7.80	56	80180	19.280	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	64234	18.530	ug/l	99
36) 1,1-Dichloropropene	7.94	75	61514	18.879	ug/l	99
37) Ethyl Acetate	7.10	43	37003	18.588	ug/l	99
38) Carbon Tetrachloride	7.93	117	55099	18.975	ug/l	100

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Manual Integrations
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Quant Time: Jan 25 04:36:33 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)
39) Methylcyclohexane	9.20	83	81950	19.633	ug/l	97
40) Benzene	8.18	78	180741	18.500	ug/l	100
41) Methacrylonitrile	7.35	41	22374m	21.780	ug/l	
42) 1,2-Dichloroethane	8.26	62	50284	18.420	ug/l	99
43) Isopropyl Acetate	8.29	43	72378	18.698	ug/l	99
44) Trichloroethene	8.96	130	46842	18.684	ug/l	99
45) 1,2-Dichloropropane	9.23	63	44827	18.151	ug/l	97
46) Dibromomethane	9.32	93	23930	18.048	ug/l	99
47) Bromodichloromethane	9.51	83	58479	18.450	ug/l	100
48) Methyl methacrylate	9.30	41	33036	18.773	ug/l	96
49) 1,4-Dioxane	9.31	88	7019	375.398	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	187416	94.015	ug/l	99
52) Toluene	10.25	92	114978	18.566	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	63736	18.142	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	73158	18.143	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	34448	17.603	ug/l	96
56) Ethyl methacrylate	10.52	69	54614	18.464	ug/l	99
57) 1,3-Dichloropropane	10.80	76	62888	18.448	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	103986	101.598	ug/l	99
59) 2-Hexanone	10.84	43	131083	94.454	ug/l	100
60) Dibromochloromethane	10.99	129	40425	18.469	ug/l	97
61) 1,2-Dibromoethane	11.10	107	34102	18.433	ug/l	99
64) Tetrachloroethene	10.72	164	36044	18.434	ug/l	97
65) Chlorobenzene	11.52	112	117874	18.269	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	40616	18.446	ug/l	99
67) Ethyl Benzene	11.60	91	222400	18.704	ug/l	98
68) m/p-Xylenes	11.70	106	164543	37.050	ug/l	100
69) o-Xylene	12.03	106	78340	18.337	ug/l	100
70) Styrene	12.05	104	137270	18.313	ug/l	99
71) Bromoform	12.21	173	23122	17.591	ug/l #	98
73) Isopropylbenzene	12.33	105	211237	18.350	ug/l	99
74) N-amyl acetate	12.14	43	68075	18.066	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	44382	18.002	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	30010m	17.071	ug/l	
77) Bromobenzene	12.61	156	45893	17.999	ug/l	99
78) n-propylbenzene	12.67	91	258578	18.662	ug/l	99
79) 2-Chlorotoluene	12.76	91	142612	18.017	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	176331	18.351	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16120	17.353	ug/l	96
82) 4-Chlorotoluene	12.86	91	149824	17.720	ug/l	99
83) tert-Butylbenzene	13.08	119	147343	18.191	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	178196	18.471	ug/l	99
85) sec-Butylbenzene	13.25	105	216234	18.790	ug/l	100
86) p-Isopropyltoluene	13.38	119	191515	18.885	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	90308	18.391	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	91095	18.271	ug/l	99
89) n-Butylbenzene	13.70	91	193884	18.996	ug/l	99
90) Hexachloroethane	13.96	117	35557	18.497	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	82969	18.321	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7733	18.177	ug/l	97

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBSD01

Manual Integrations
APPROVED

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Quant Time: Jan 25 04:36:33 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)
93) 1,2,4-Trichlorobenzene	15.01	180	55172	18.152	ug/l	99
94) Hexachlorobutadiene	15.11	225	27274	18.429	ug/l	99
95) Naphthalene	15.24	128	240462	34.599	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	48065	18.027	ug/l	99

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

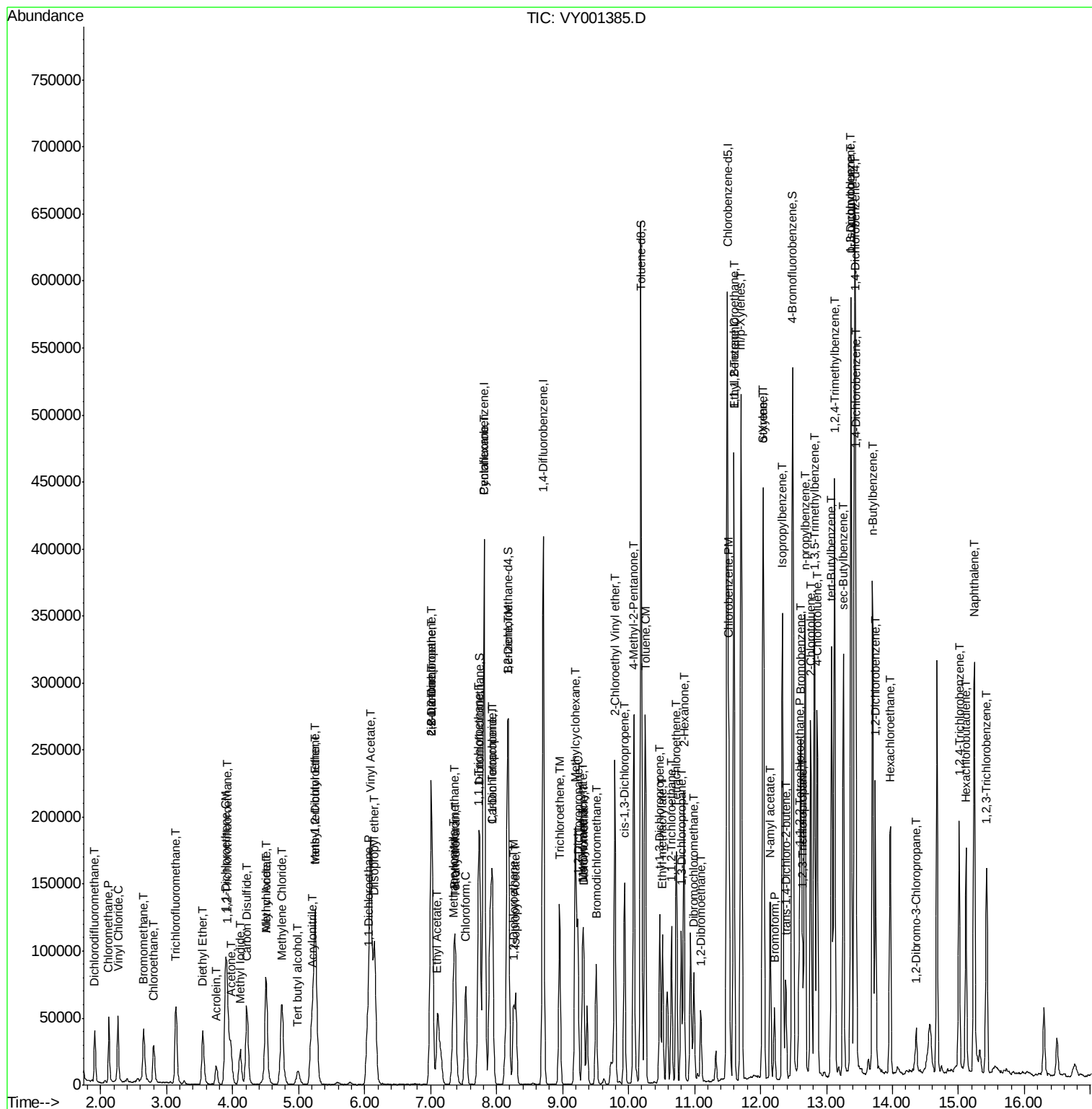
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Data File : VY001385.D
Acq On : 24 Jan 2020 16:17
Operator : SY/MD
Sample : VY0124SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

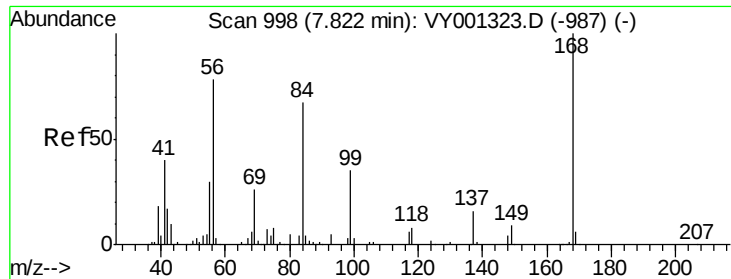
Instrument :
MSVOA_Y
Client Sample Id :
VY0124SBSD01

Manual Integrations
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Quant Title : SW846 8260
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#1

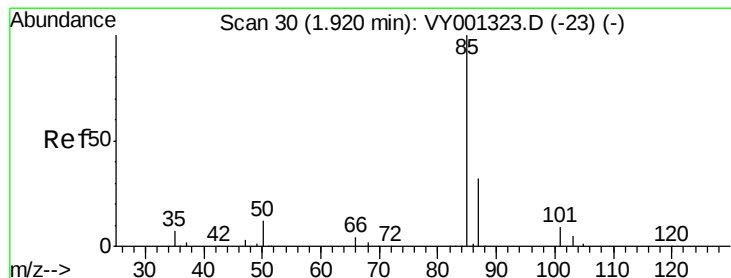
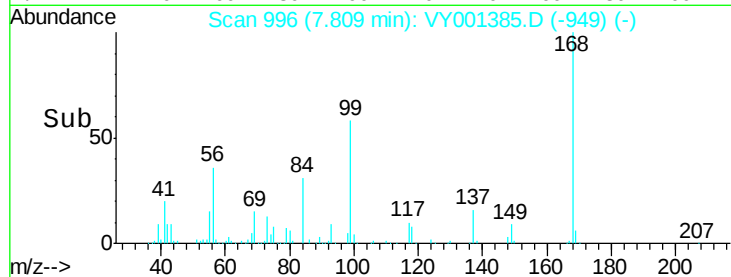
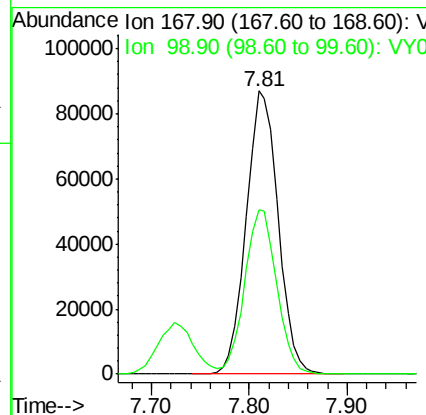
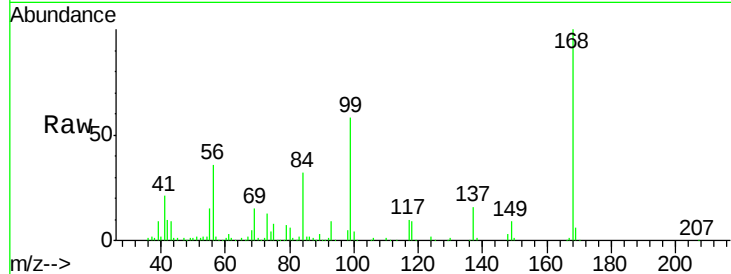
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Instrument :
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 ClientSampleId :
 VY0124SBS01

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
99	58.1	44.3	66.5	

Manual Integrations
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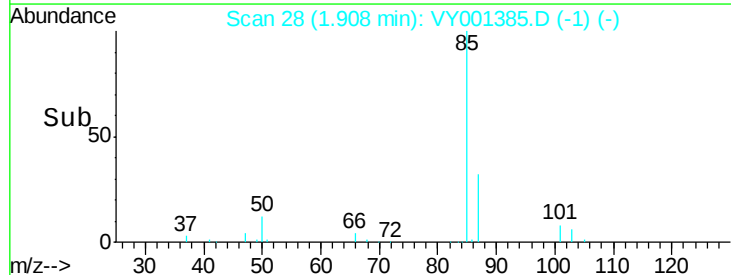
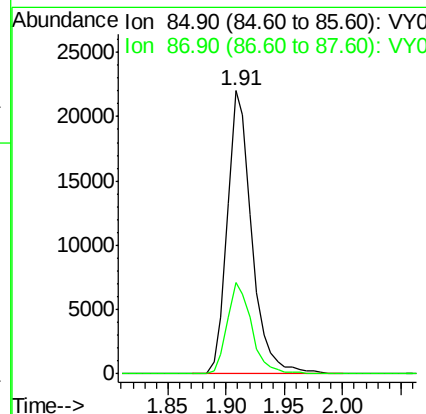
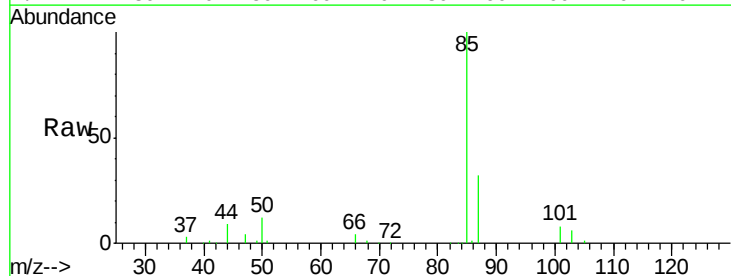
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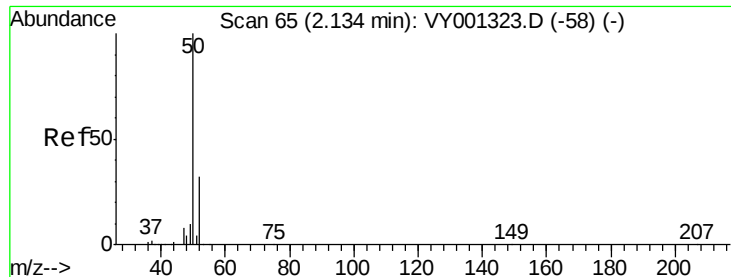


#2

Dichlorodifluoromethane
 Concen: 20.456 ug/l
 RT: 1.91 min Scan# 28
 Delta R.T. -0.01 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Tgt Ion	Ion	Ratio	Lower	Upper
85	100			
87	32.2	16.0	48.0	





#3

Chloromethane

Concen: 19.159 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 50 Resp: 45132

Ion Ratio Lower Upper

50 100

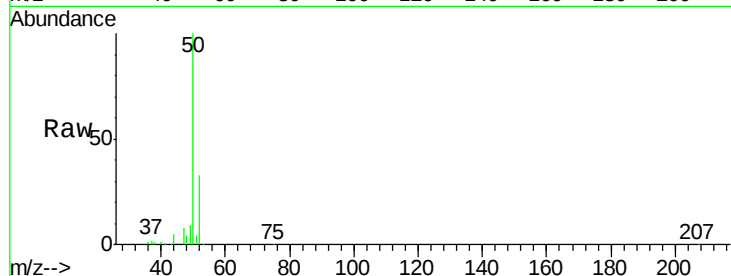
52 33.2 25.7 38.5

Manual Integrations

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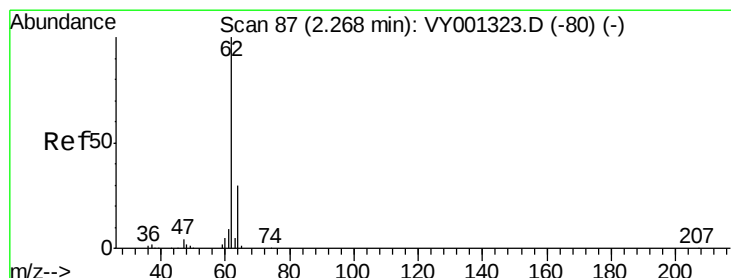
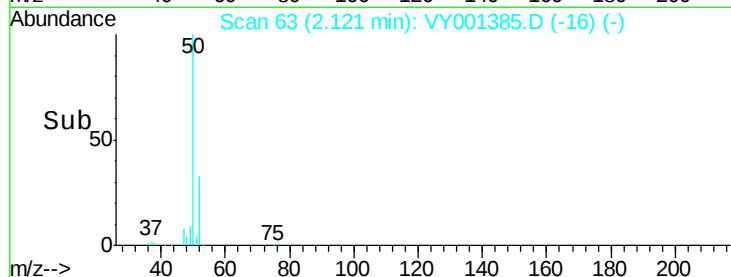
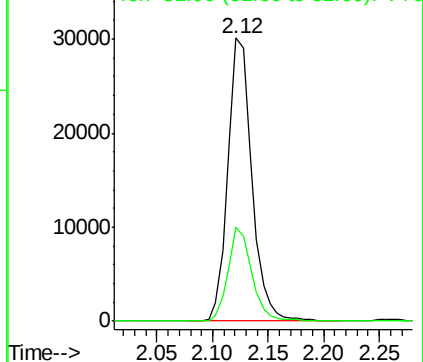
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.235 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001385.D

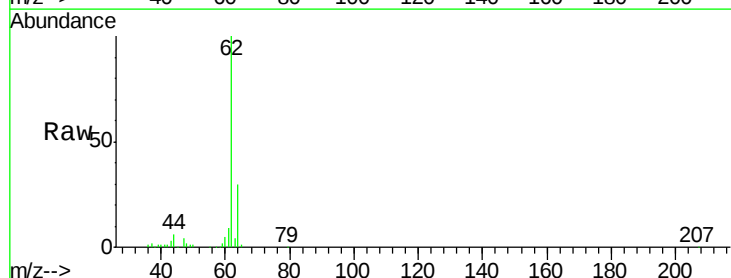
Acq: 24 Jan 2020 16:17

Tgt Ion: 62 Resp: 47247

Ion Ratio Lower Upper

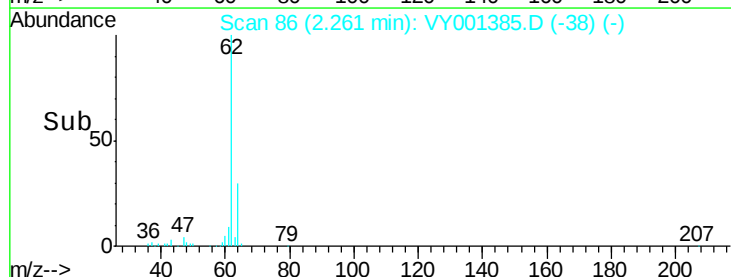
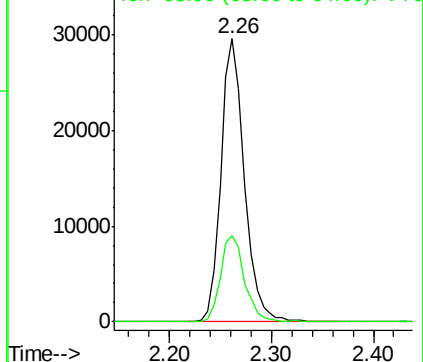
62 100

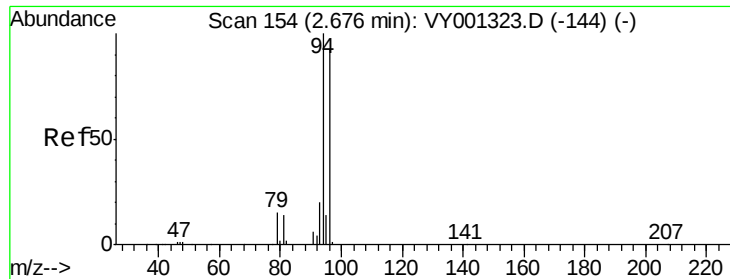
64 30.4 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.419 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.02 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 94 Resp: 32124

Ion Ratio Lower Upper

94 100

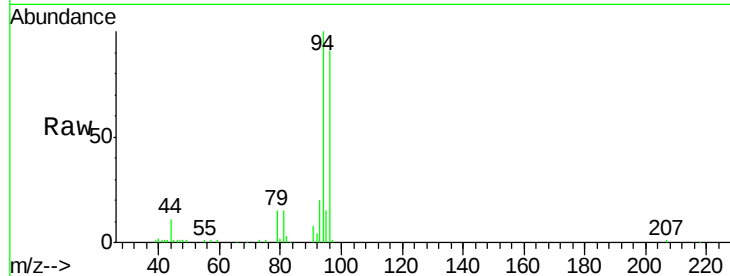
96 91.4 74.6 111.8

Manual Integrations

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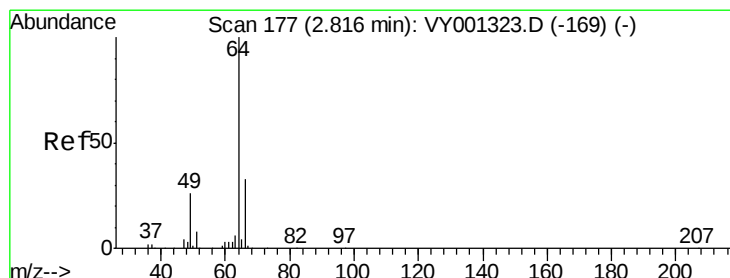
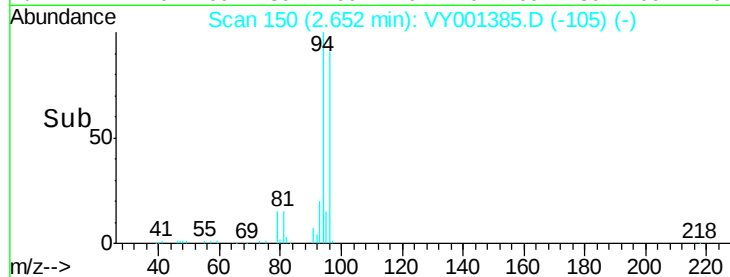
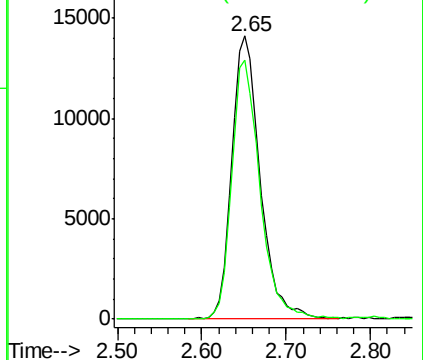
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.775 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001385.D

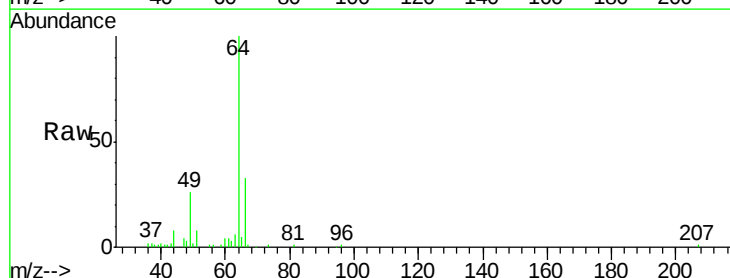
Acq: 24 Jan 2020 16:17

Tgt Ion: 64 Resp: 29468

Ion Ratio Lower Upper

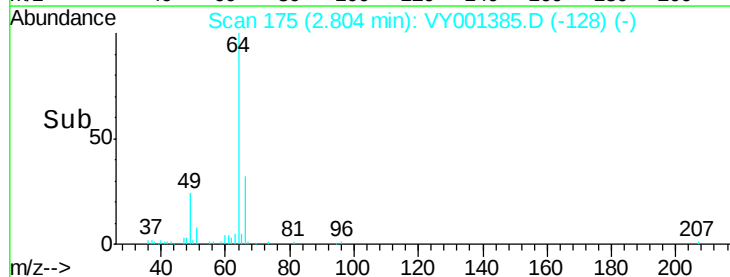
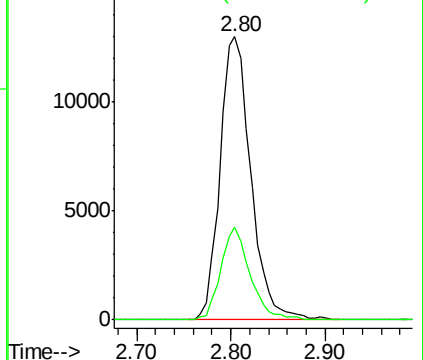
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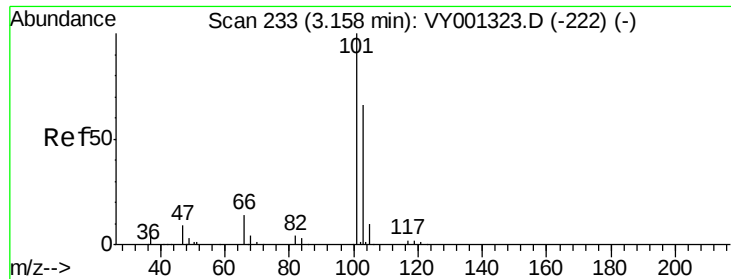
66 32.8 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

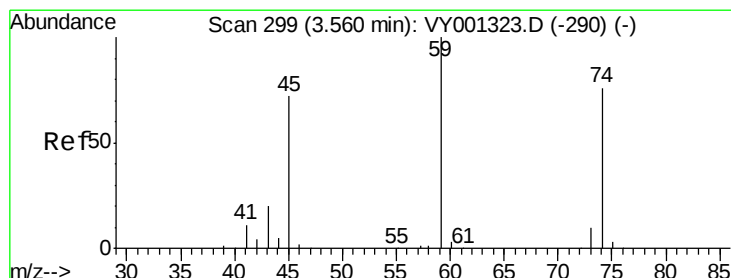
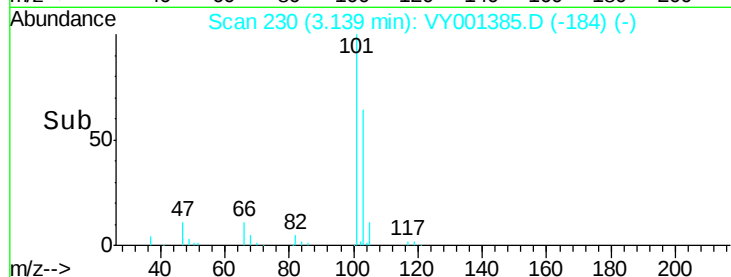
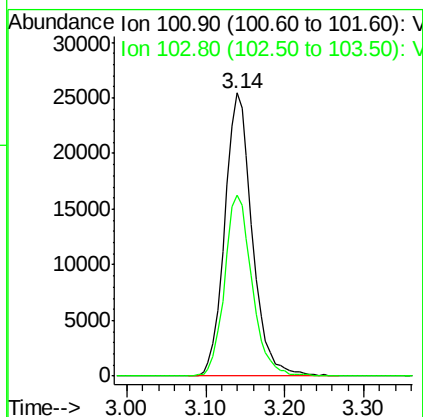
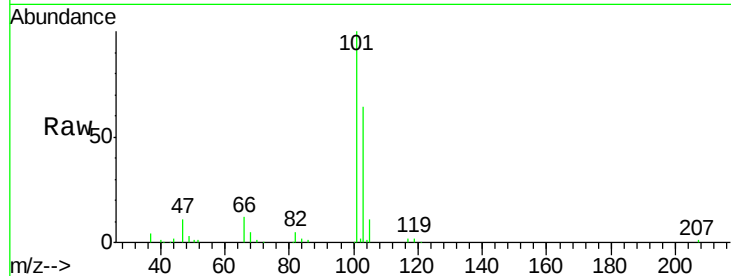
Trichlorofluoromethane
Concen: 19.614 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.02 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.5	78.7

Manual Integrations
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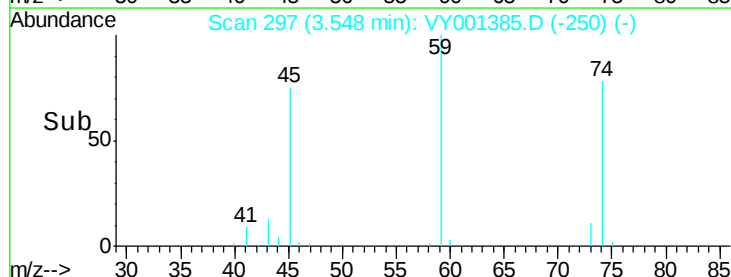
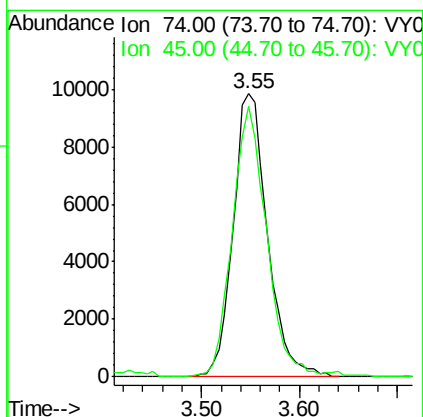
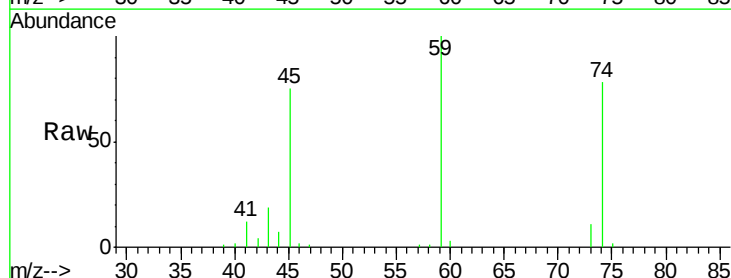
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#8

Diethyl Ether
Concen: 18.070 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.0	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.267 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.02 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

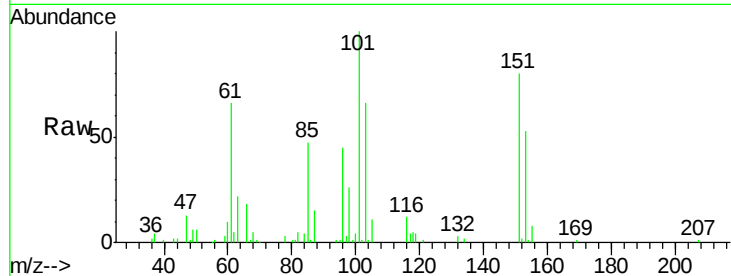
ClientSampleId :

VY0124SBS01

Tot Ion:	101	Resp:	38562
Ion Ratio	Lower	Upper	
101	100		
85	46.1	34.9	52.3
151	74.3	59.9	89.9

Manual Integrations
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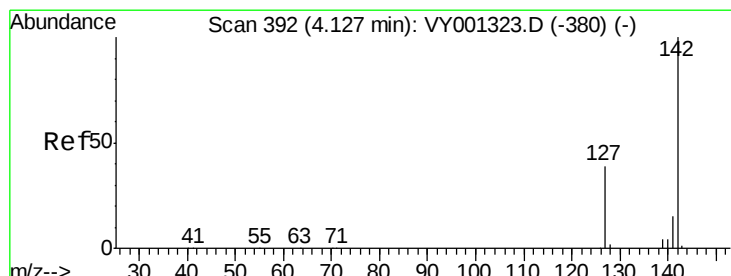
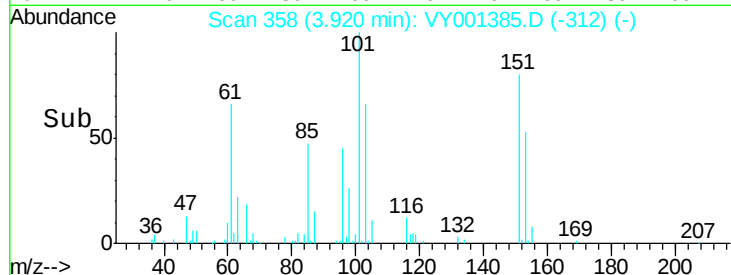
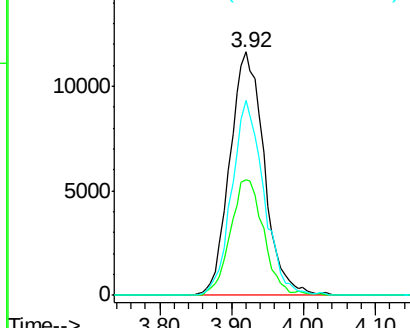


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.699 ug/l

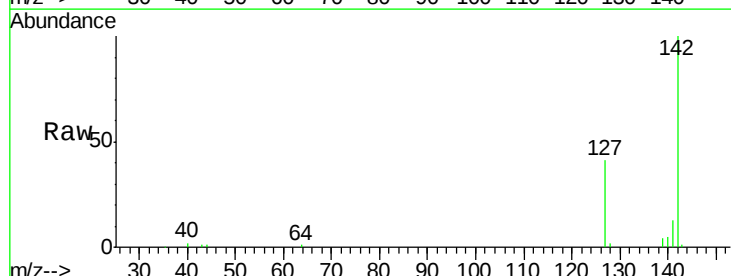
RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Tgt Ion:	142	Resp:	44080
Ion Ratio	Lower	Upper	
142	100		
127	39.9	31.6	47.4
141	13.6	11.2	16.8

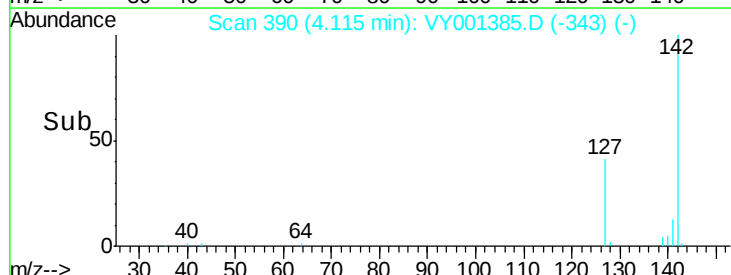
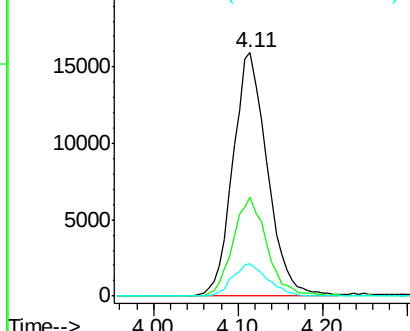


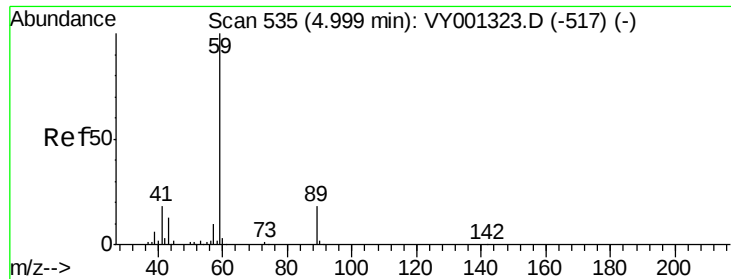
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

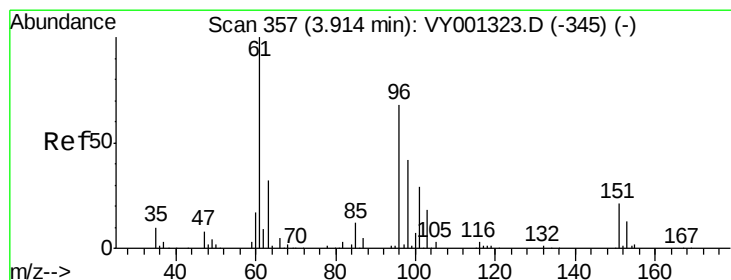
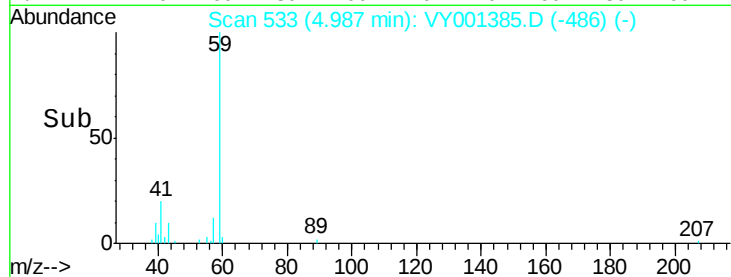
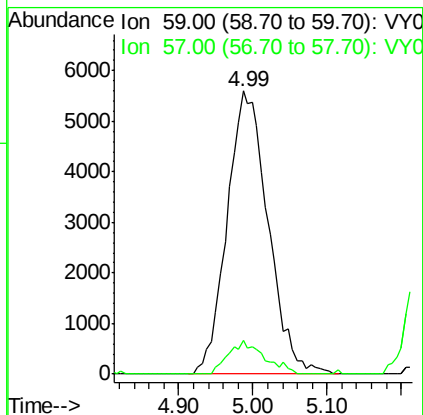
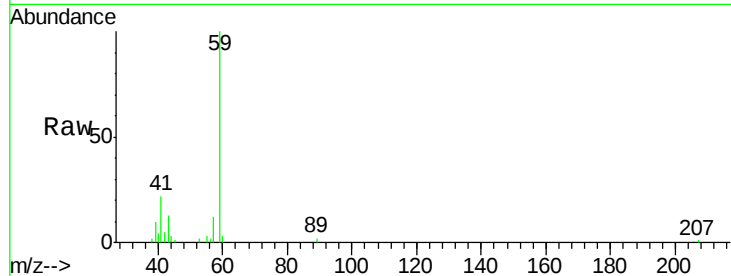
Tert butyl alcohol
Concen: 65.156 ug/l
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion: 59 Resp: 21493
Ion Ratio Lower Upper
59 100
57 10.3 7.4 11.2

Manual Integrations
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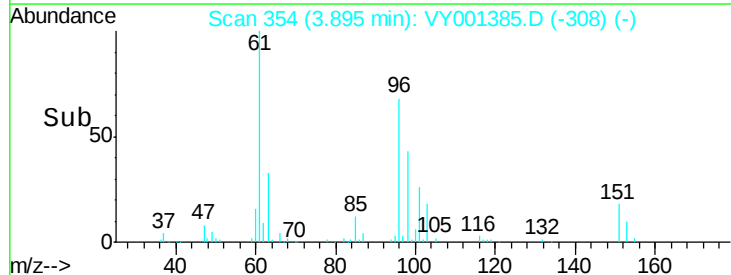
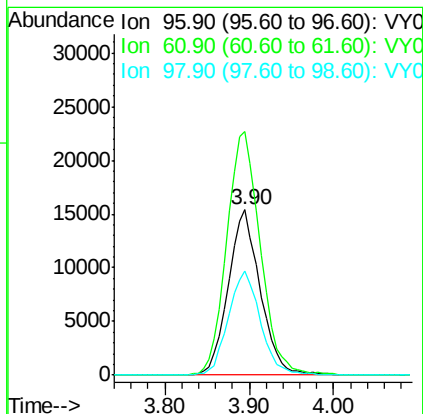
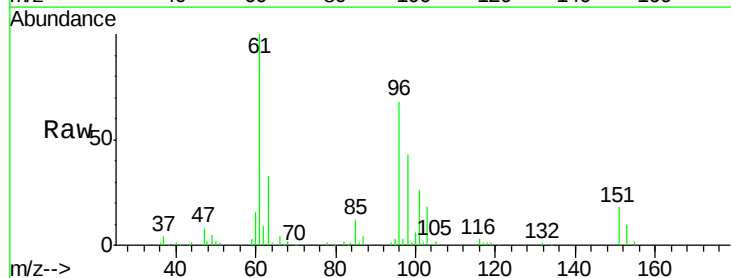
MMDadoda
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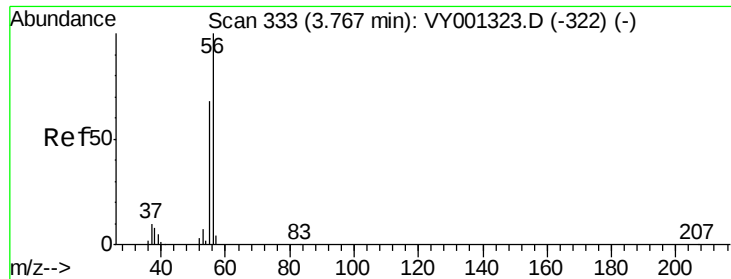


#12

1,1-Dichloroethene
Concen: 18.905 ug/l
RT: 3.90 min Scan# 354
Delta R.T. -0.02 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion: 96 Resp: 39671
Ion Ratio Lower Upper
96 100
61 147.4 118.0 177.0
98 62.8 49.4 74.2





#13

Acrolein

Concen: 94.809 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.02 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 56 Resp: 16402

Ion Ratio Lower Upper

56 100

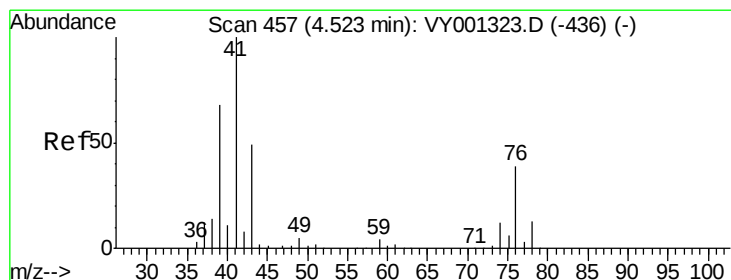
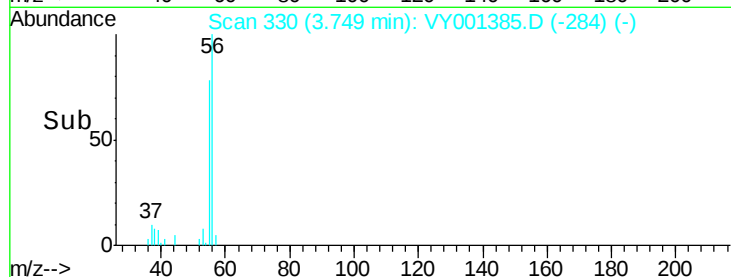
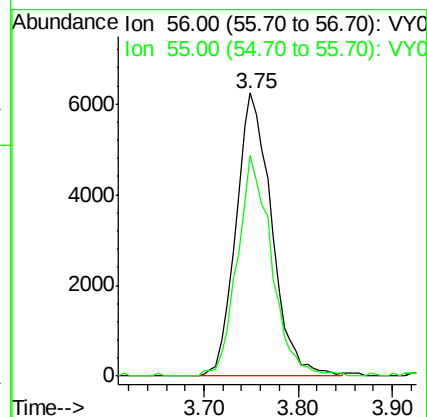
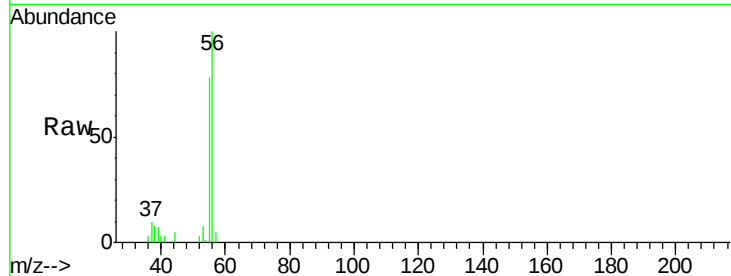
55 74.6 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 18.503 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.02 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

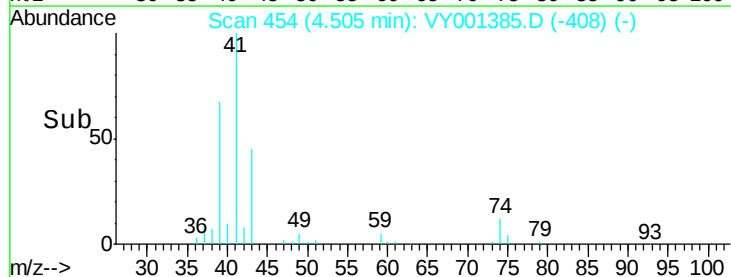
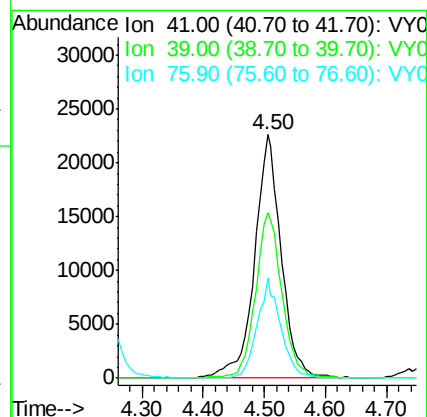
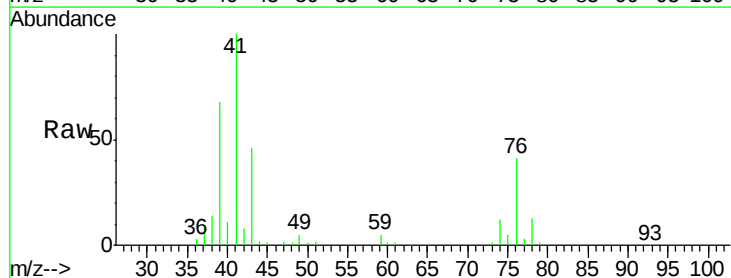
Tgt Ion: 41 Resp: 69242

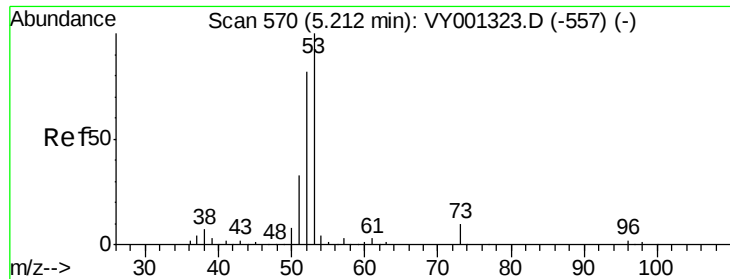
Ion Ratio Lower Upper

41 100

39 67.5 52.2 78.4

76 35.9 29.1 43.7





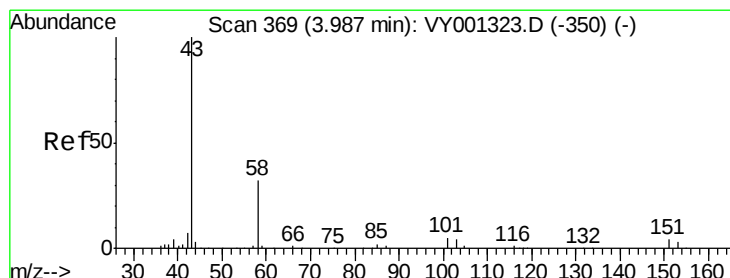
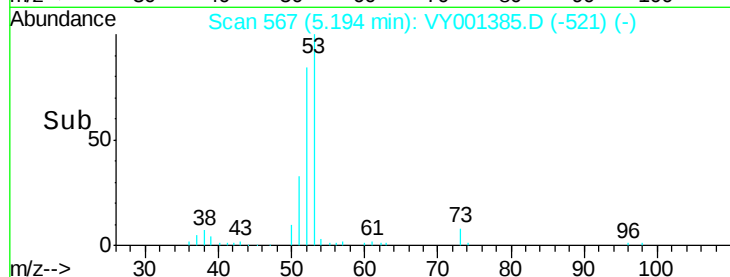
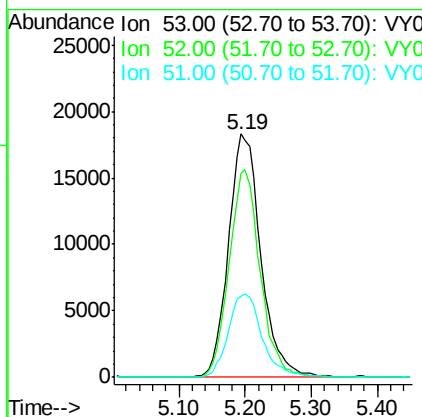
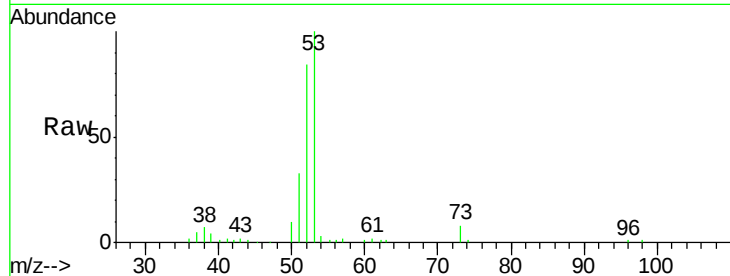
#15
 Acrylonitrile
 Concen: 91.442 ug/l
 RT: 5.19 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	81.5	65.3	97.9	
51	35.8	28.4	42.6	

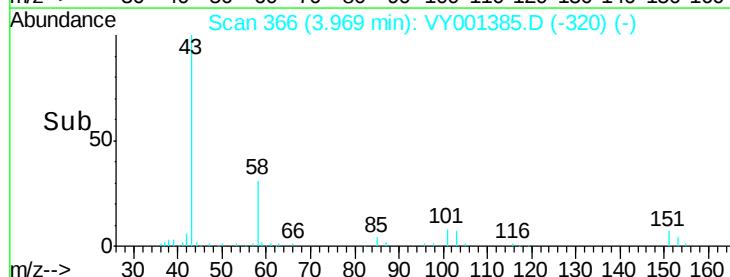
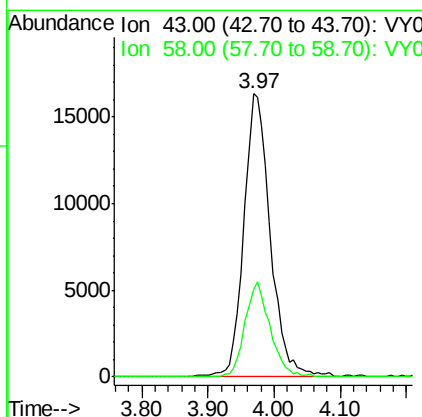
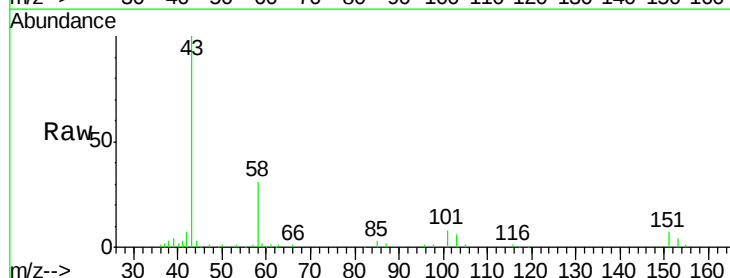
Manual Integrations
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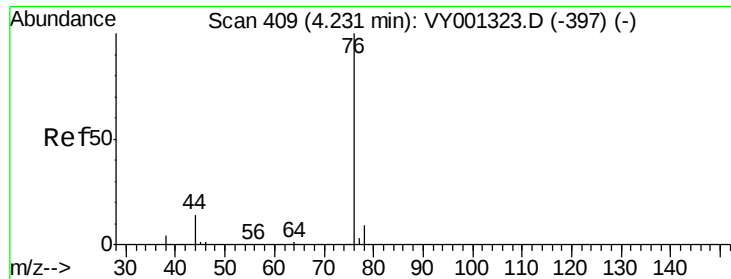
MMDadoda
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#16
 Acetone
 Concen: 75.039 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. -0.02 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	31.1	25.4	38.0	





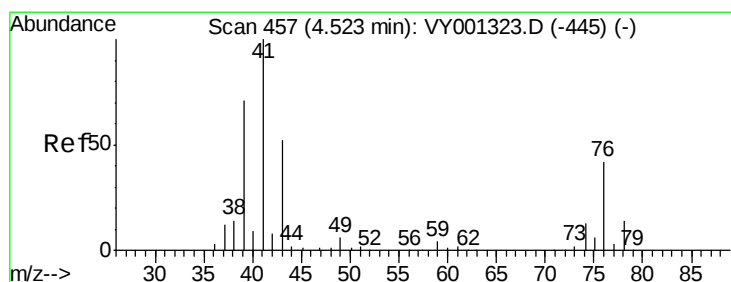
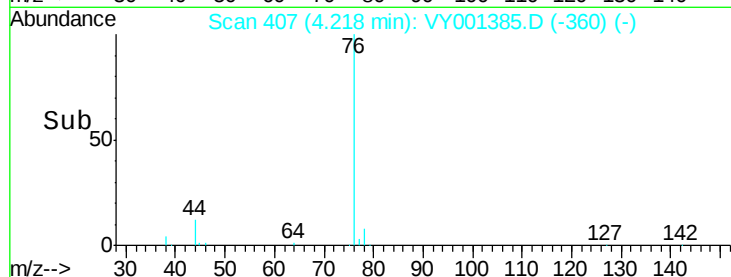
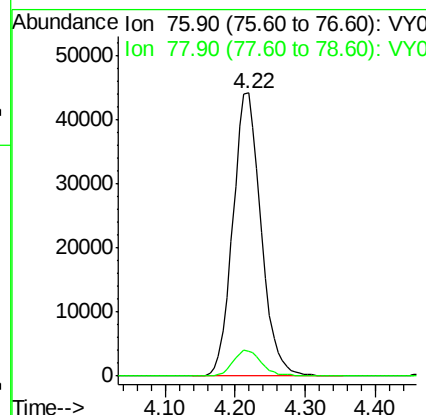
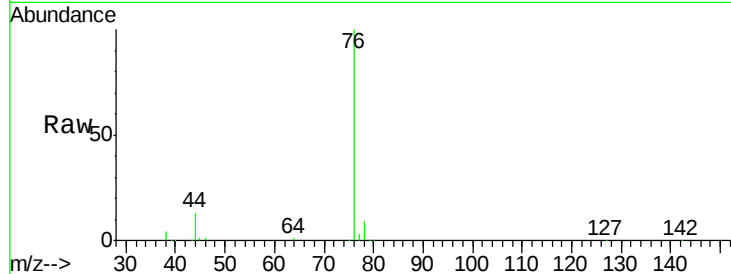
#17
Carbon Disulfide
Concen: 18.666 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

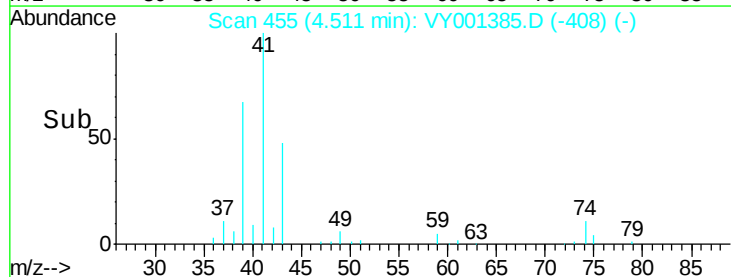
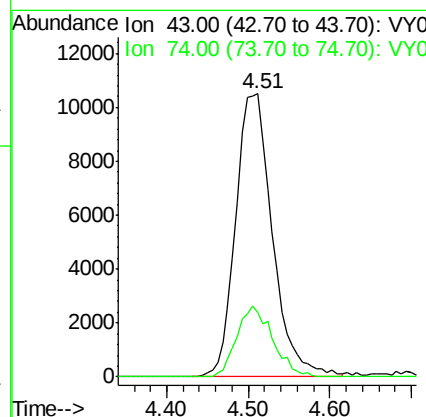
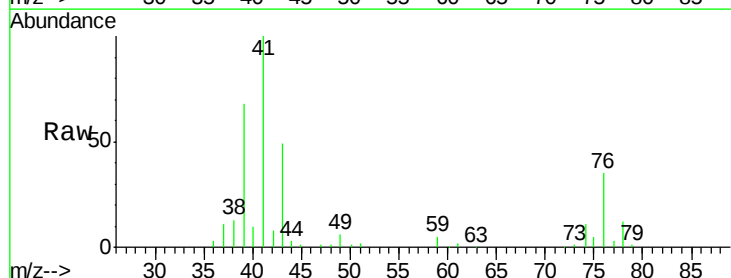
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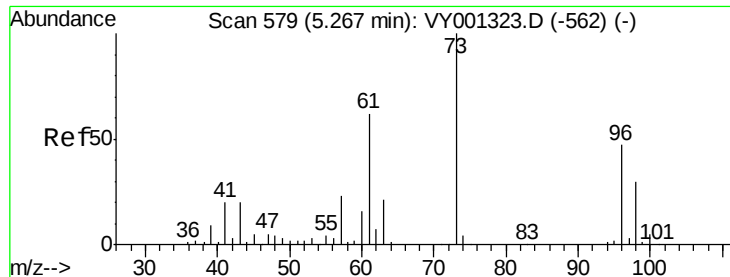
MMDadoda
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#18
Methyl Acetate
Concen: 18.107 ug/l
RT: 4.51 min Scan# 455
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.4	29.2





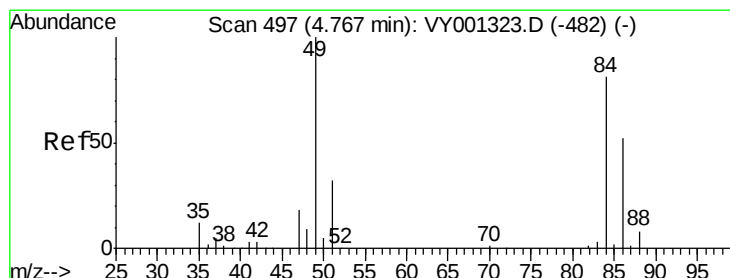
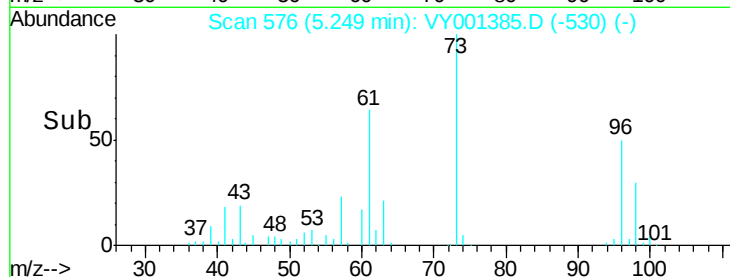
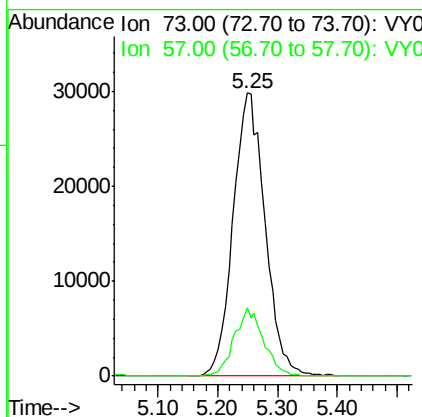
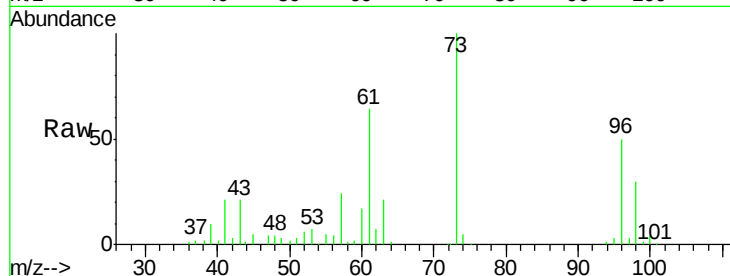
#19
Methvl tert-butvl Ether
Concen: 18.084 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.02 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion: 73 Resp: 111115
Ion Ratio Lower Upper
73 100
57 24.1 18.2 27.2

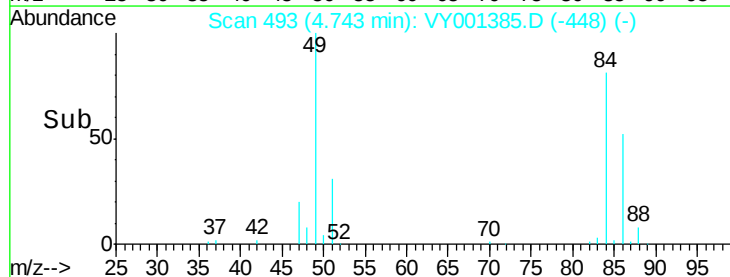
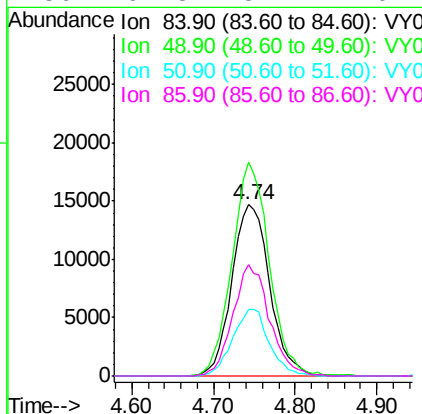
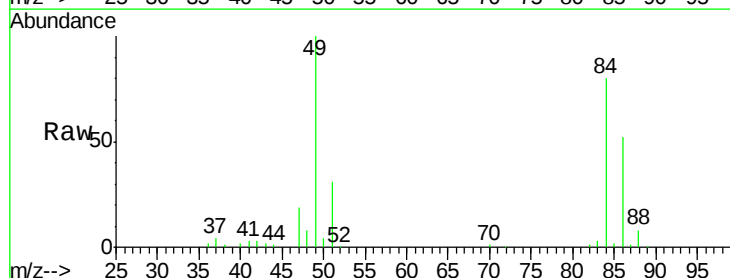
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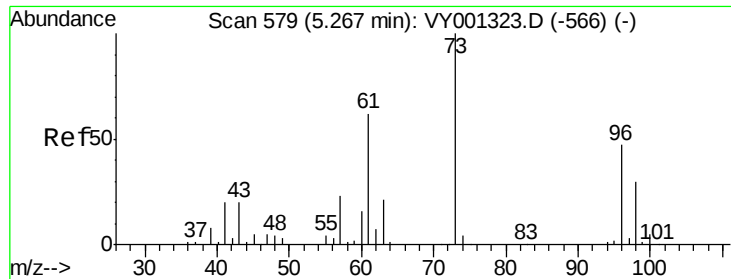
MMDadoda
1/27/2020 12:02:12 PM



#20
Methylene Chloride
Concen: 14.779 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.02 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion: 84 Resp: 47179
Ion Ratio Lower Upper
84 100
49 124.7 98.3 147.5
51 38.6 31.6 47.4
86 64.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.504 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.02 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 96 Resp: 45105

Ion Ratio Lower Upper

96 100

61 129.7 106.8 160.2

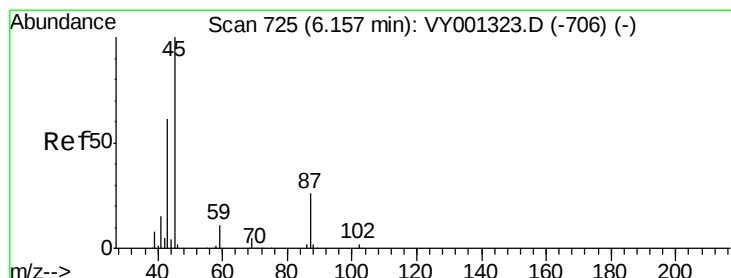
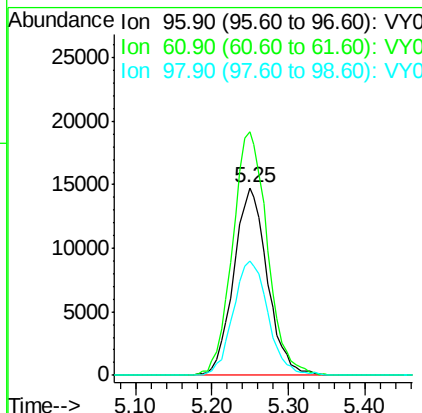
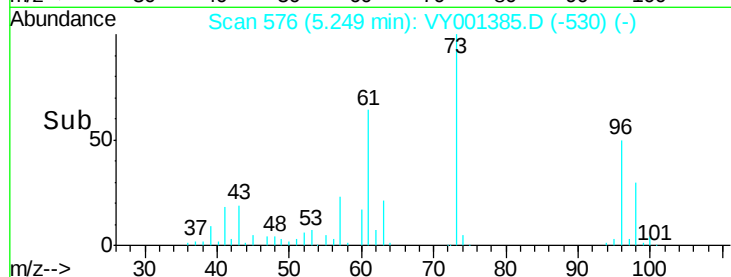
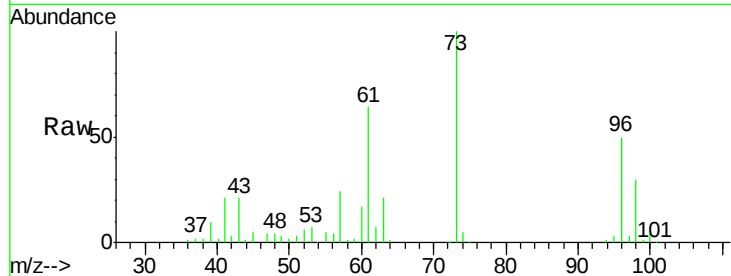
98 60.8 51.0 76.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 17.724 ug/l

RT: 6.15 min Scan# 724

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Tgt Ion: 45 Resp: 140843

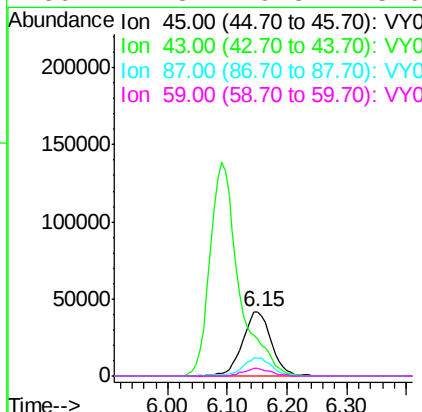
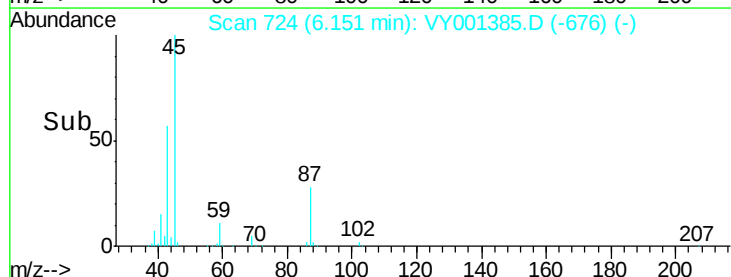
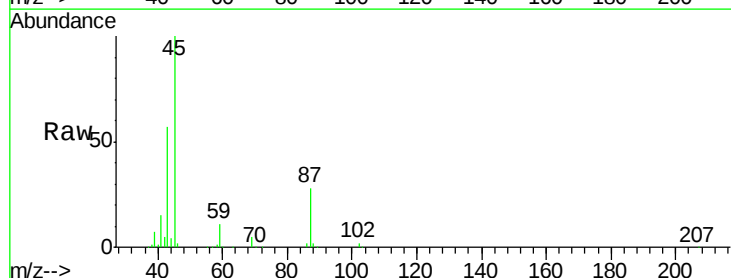
Ion Ratio Lower Upper

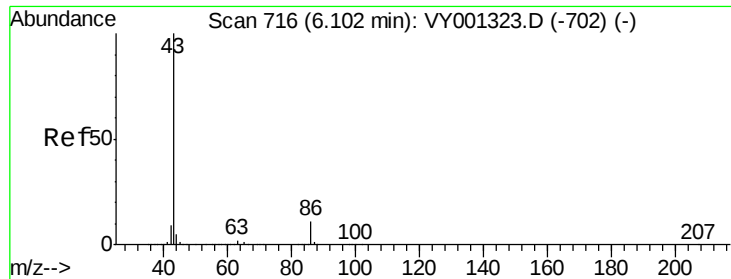
45 100

43 57.0 49.2 73.8

87 27.8 21.4 32.2

59 11.3 9.3 13.9





#23

Vinyl Acetate

Concen: 90.264 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 43 Resp: 465672

Ion Ratio Lower Upper

43 100

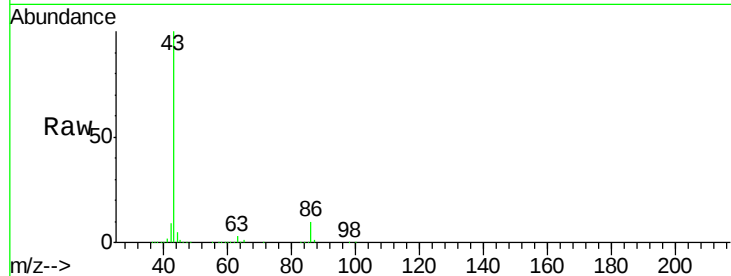
86 9.9 8.6 13.0

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

6.09

150000

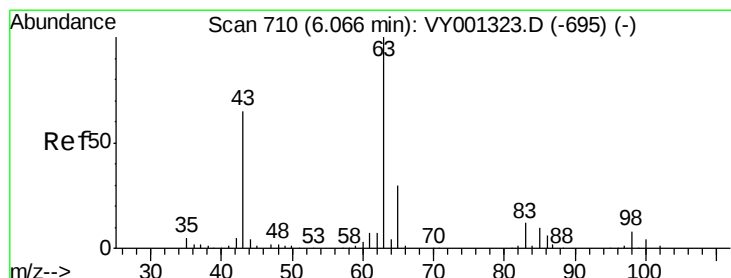
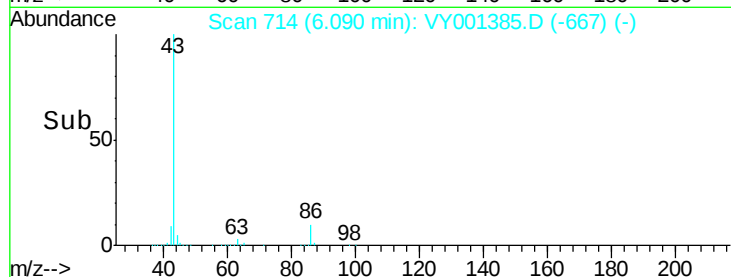
100000

50000

0

6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 18.018 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.02 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

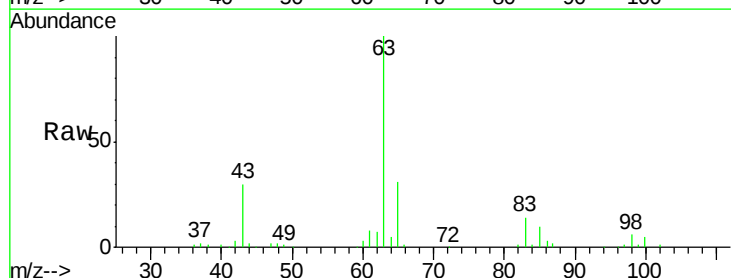
Tgt Ion: 63 Resp: 75471

Ion Ratio Lower Upper

63 100

98 5.8 4.0 12.0

100 5.4 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

6.05

30000

25000

20000

15000

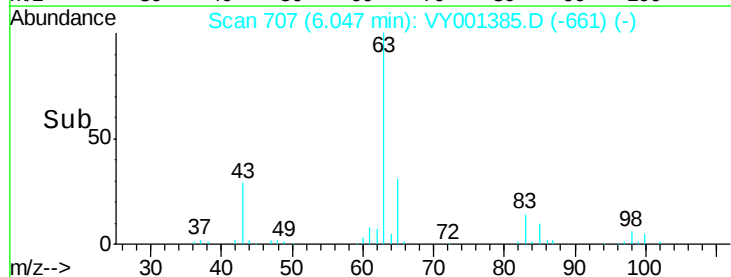
10000

5000

0

5.90 6.00 6.10 6.20

Time-->





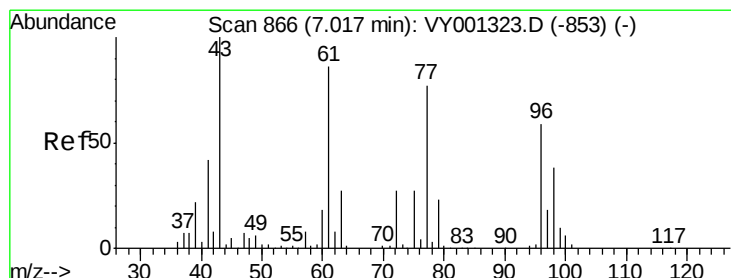
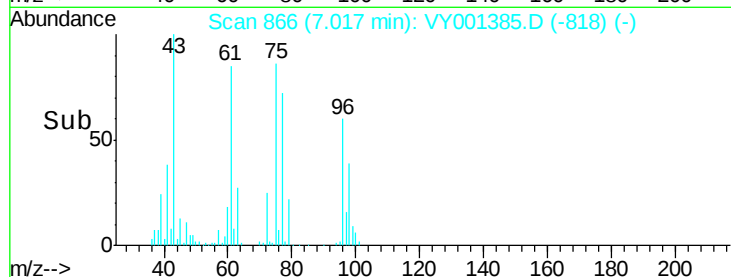
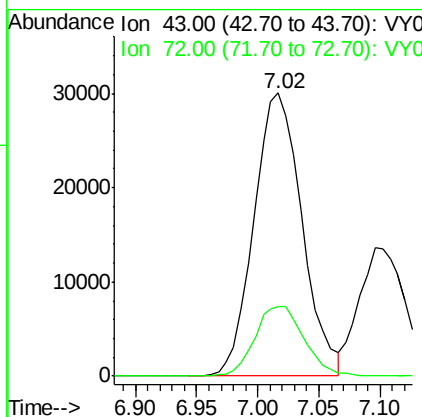
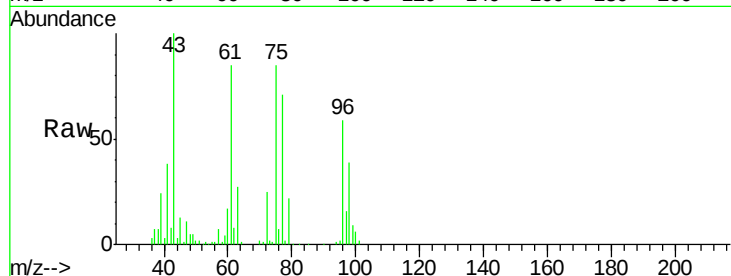
#25
2-Butanone
Concen: 87.931 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion: 43 Resp: 82310
Ion Ratio Lower Upper
43 100
72 24.6 20.6 31.0

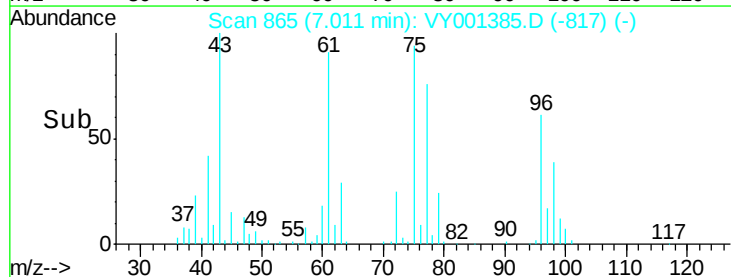
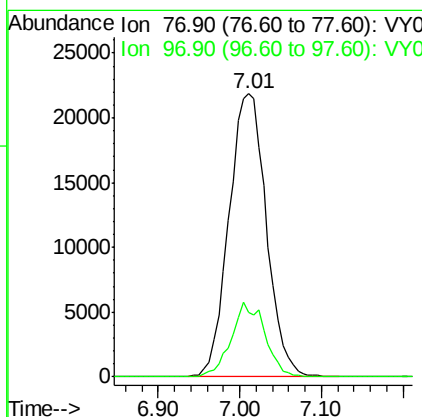
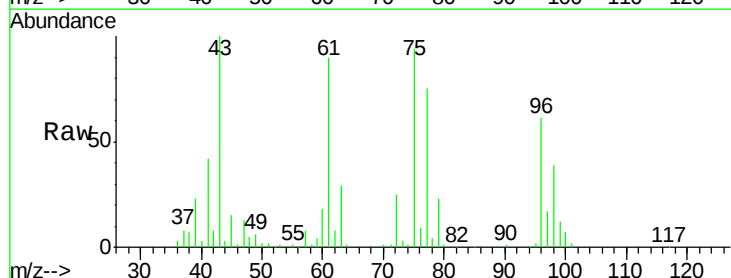
Manual Integrations
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#26
2,2-Dichloropropane
Concen: 18.590 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion: 77 Resp: 69360
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5





#27

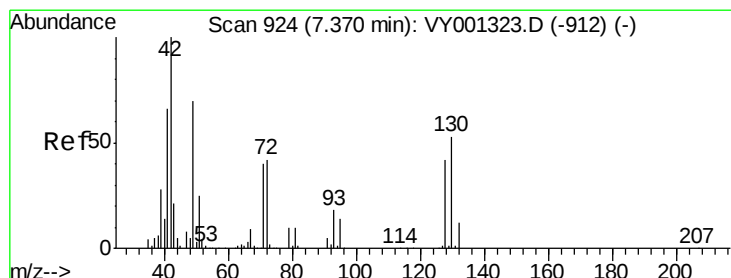
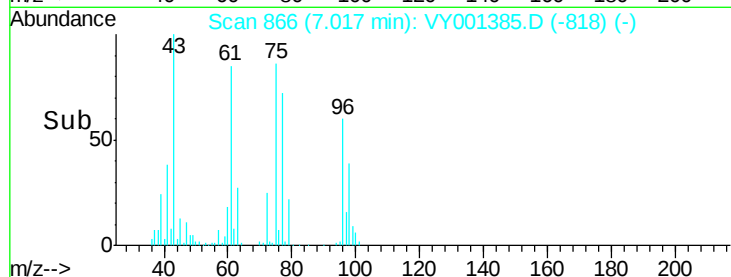
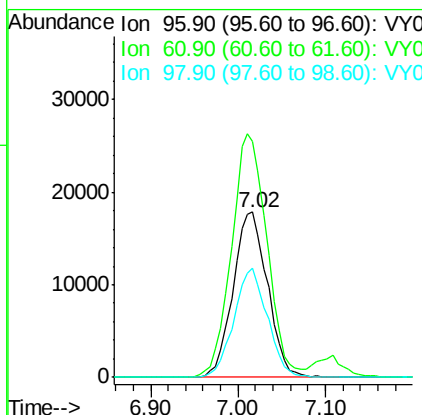
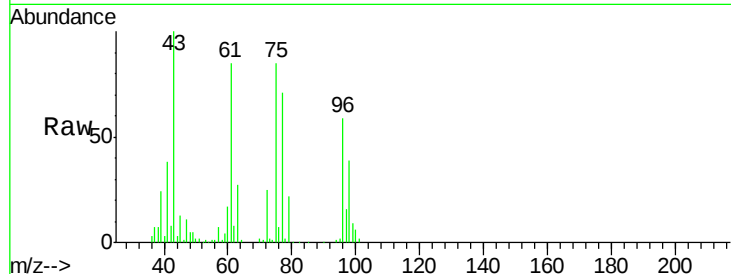
cis-1,2-Dichloroethene
Concen: 17.939 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	151.5	0.0	284.8	
98	64.2	0.0	128.4	

Manual Integrations
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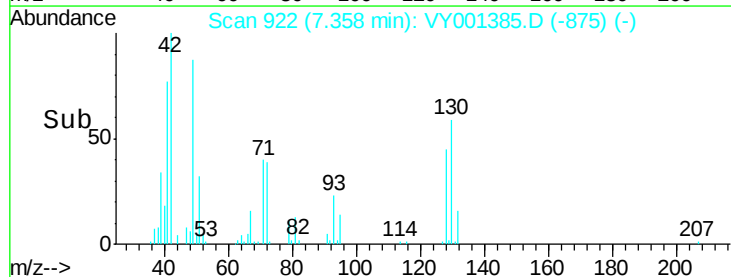
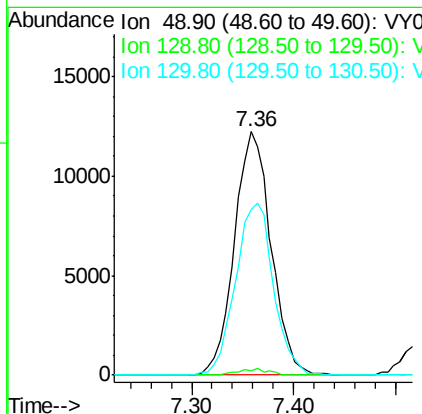
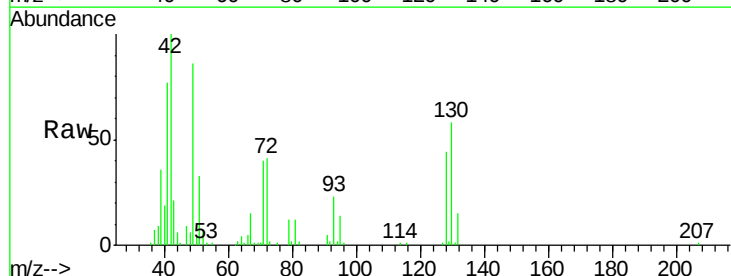
MMDadoda
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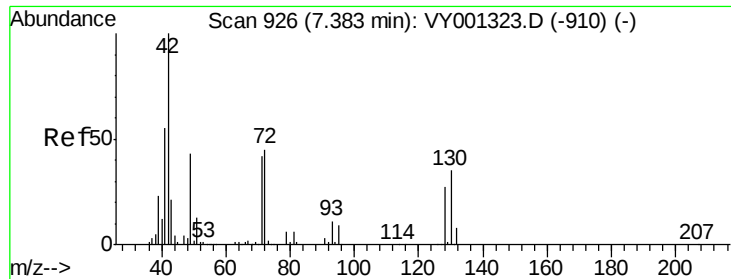


#28

Bromochloromethane
Concen: 17.613 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.0	
130	73.1	58.9	88.3	





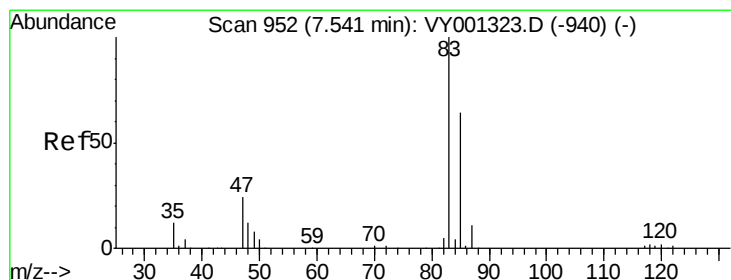
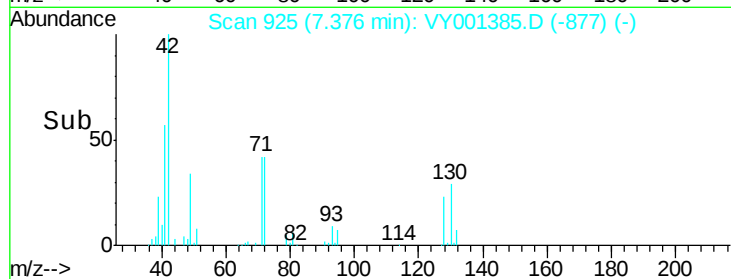
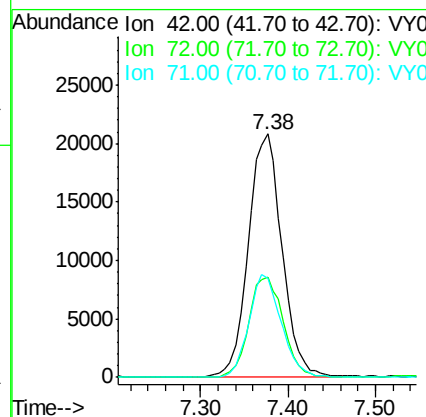
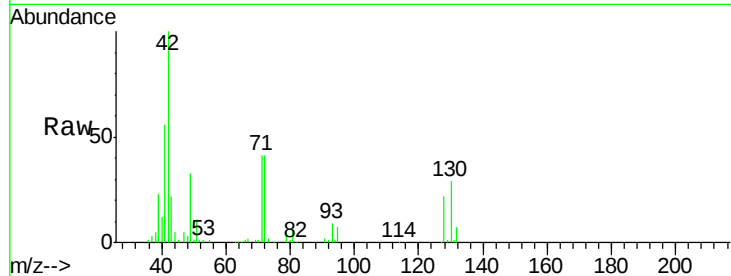
#29
Tetrahydrofuran
Concen: 91.501 ug/l
RT: 7.38 min Scan# 925
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.6	51.8
71	40.5	32.6	48.8

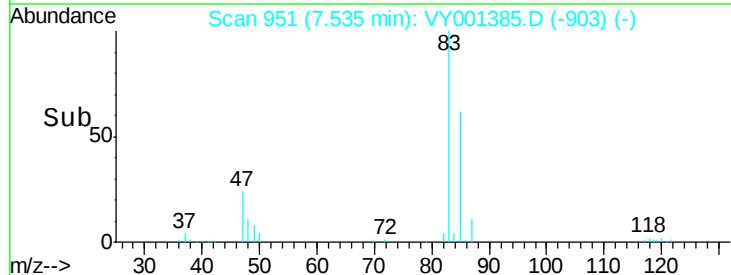
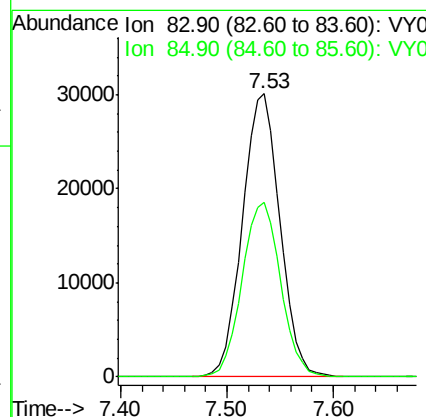
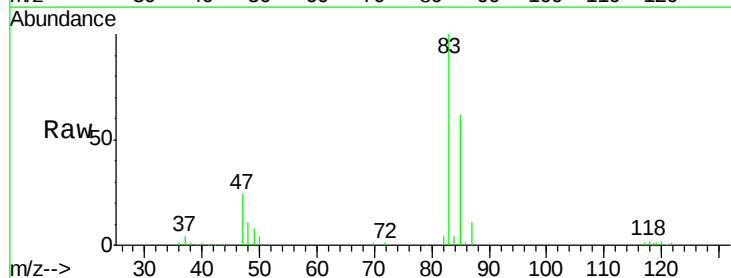
Manual Integrations
APPROVED

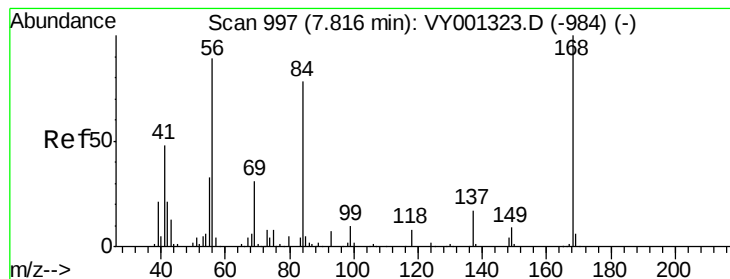
MMDadoda
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#30
Chloroform
Concen: 18.159 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.5	77.3





#31

Cyclohexane

Concen: 19.280 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

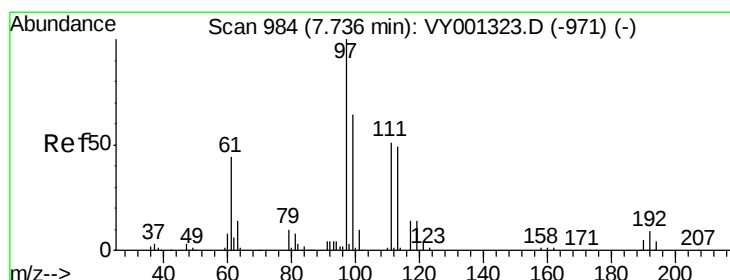
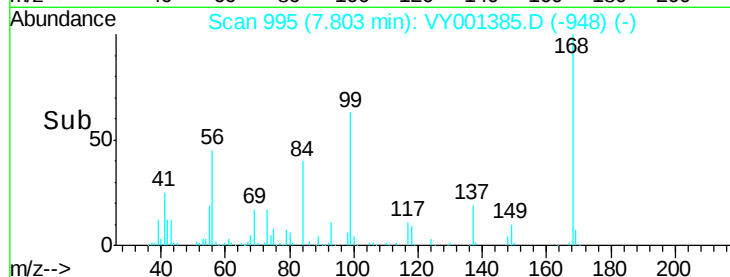
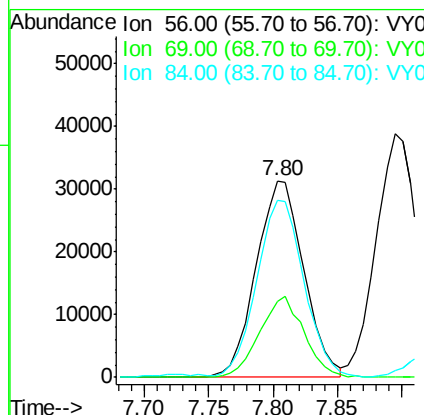
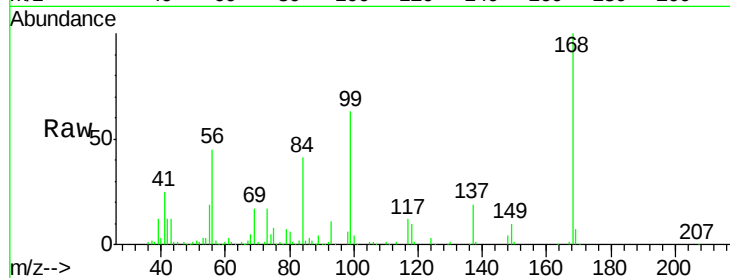
ClientSampleId :

VY0124SBS01

Tot Ion:	56	Resp:	80180
Ion	Ratio	Lower	Upper
56	100		
69	38.3	27.6	41.4
84	89.0	69.7	104.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.530 ug/l

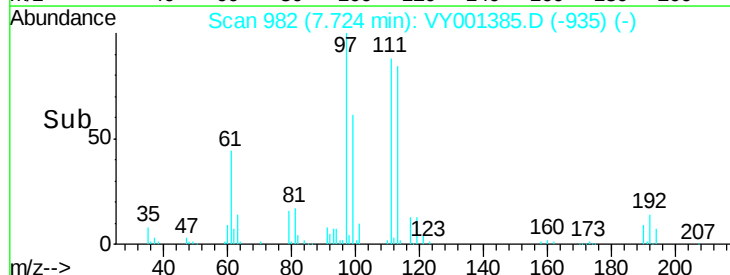
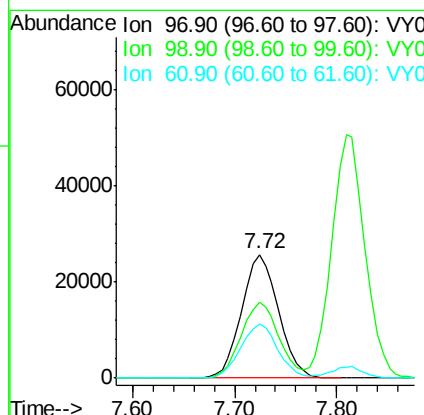
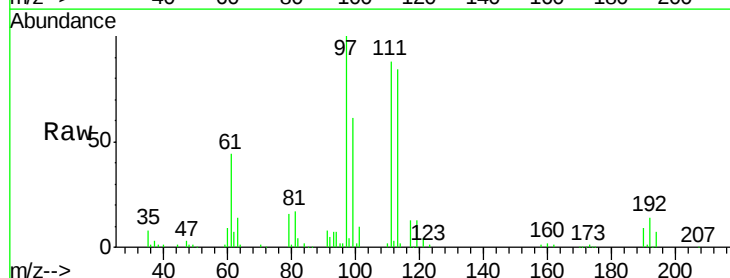
RT: 7.72 min Scan# 982

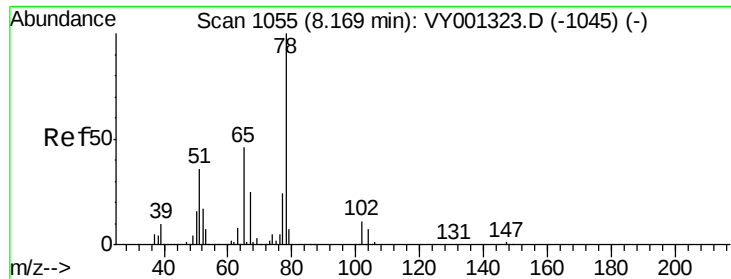
Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Tgt Ion:	97	Resp:	64234
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.3	76.9
61	44.4	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 50.453 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 65 Resp: 108506

Ion Ratio Lower Upper

65 100

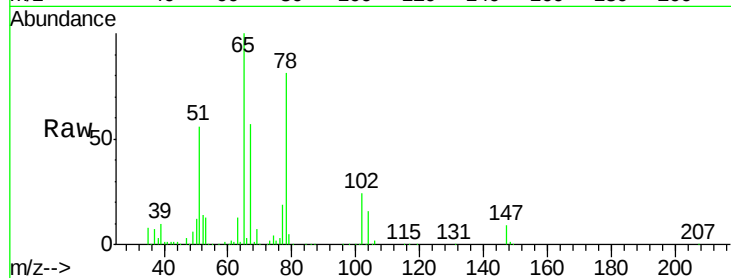
67 54.5 0.0 108.6

Manual Integrations

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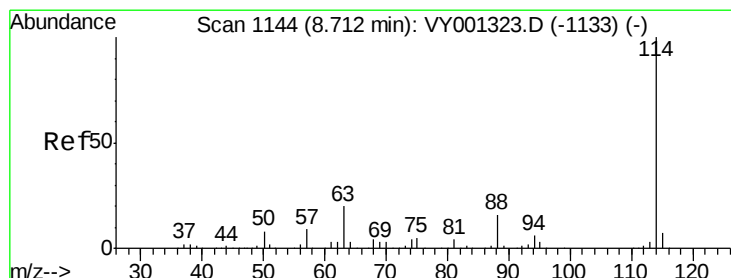
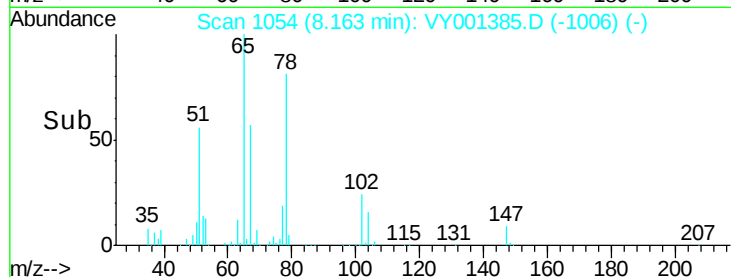
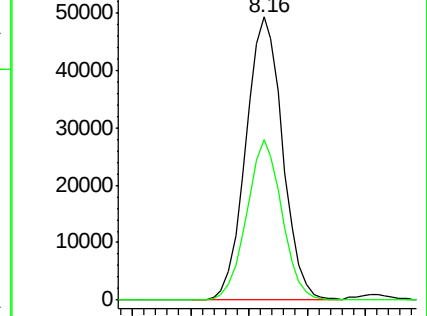
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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

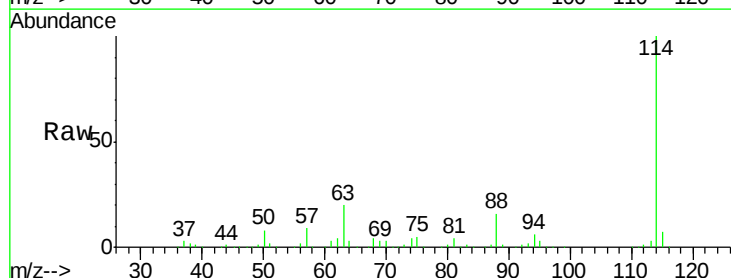
Tgt Ion: 114 Resp: 344882

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

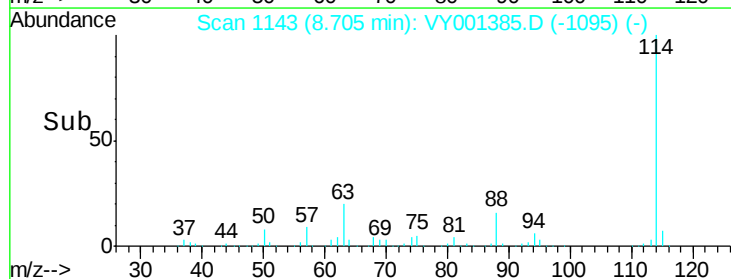
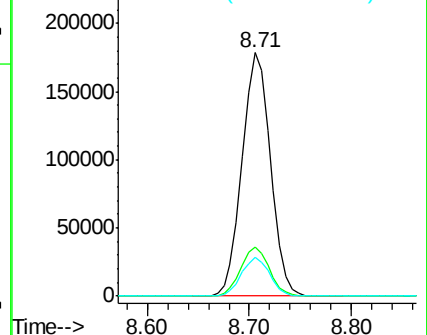
88 15.7 0.0 31.0

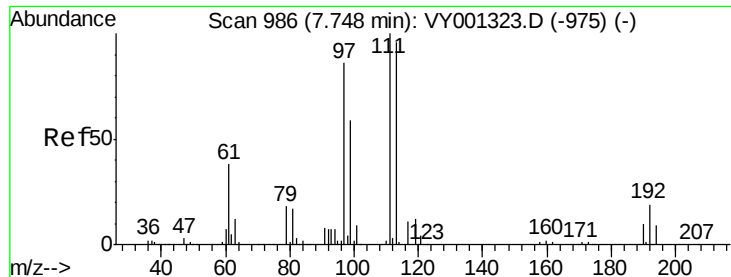


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





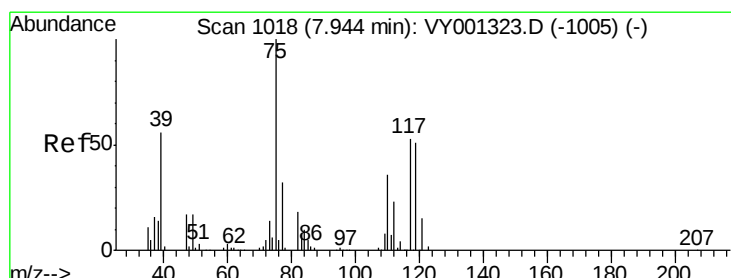
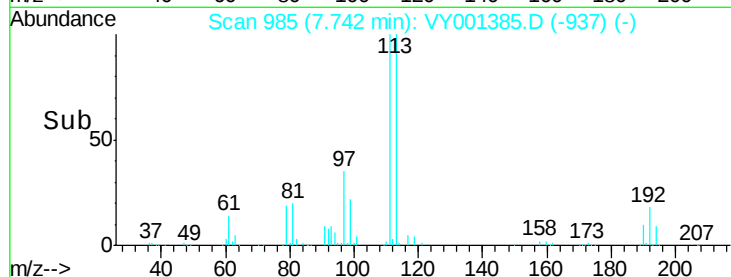
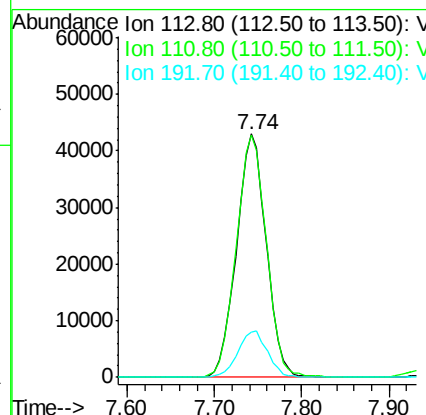
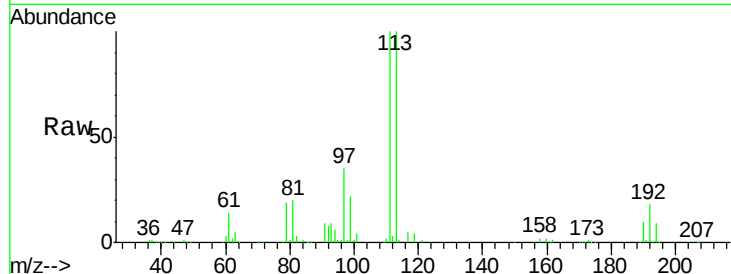
#35
Dibromofluoromethane
Concen: 50.173 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	101559		
111	100.8	82.8	124.2	
192	18.9	15.5	23.3	

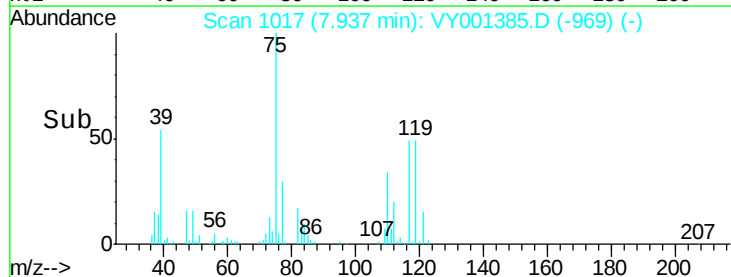
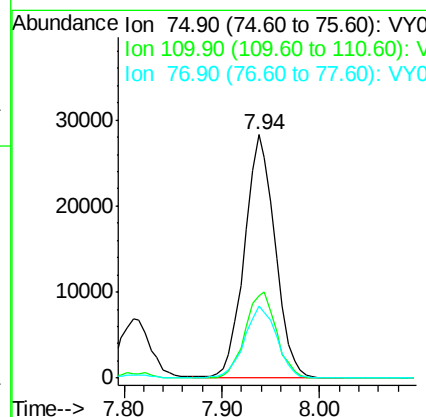
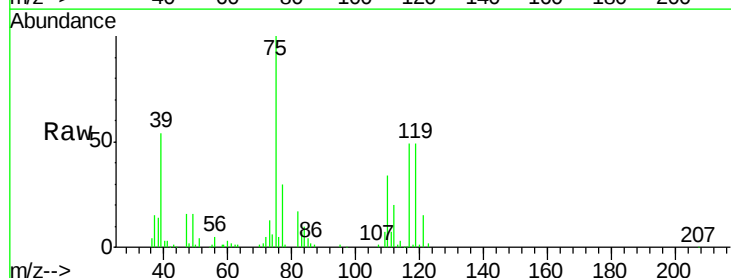
Manual Integrations
APPROVED

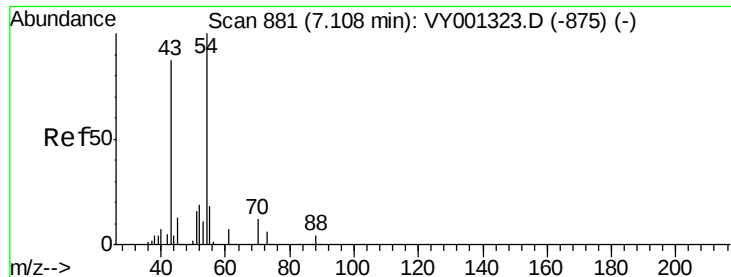
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#36
1,1-Dichloropropene
Concen: 18.879 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	61514		
110	35.9	17.6	52.8	
77	31.2	24.7	37.1	





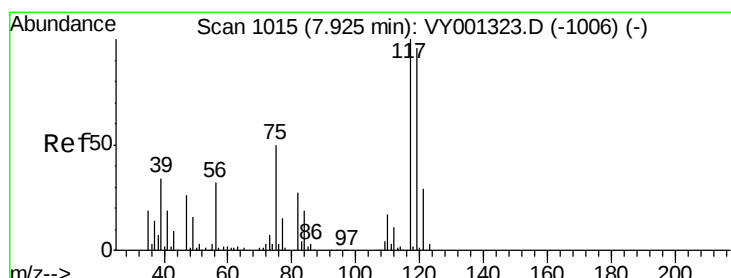
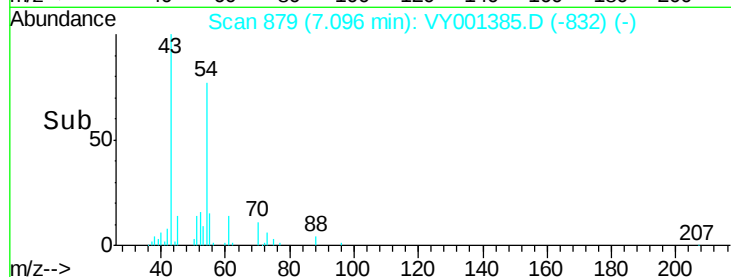
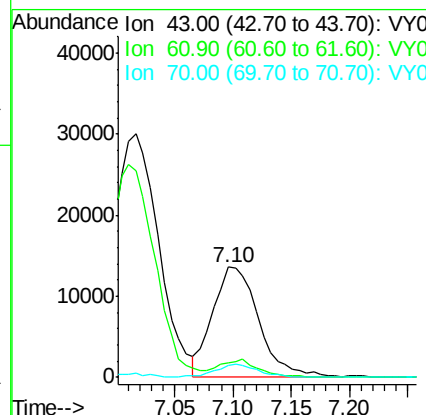
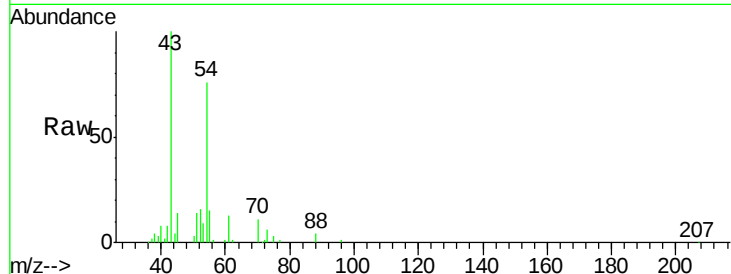
#37
Ethyl Acetate
Concen: 18.588 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	11.3	8.7	13.1

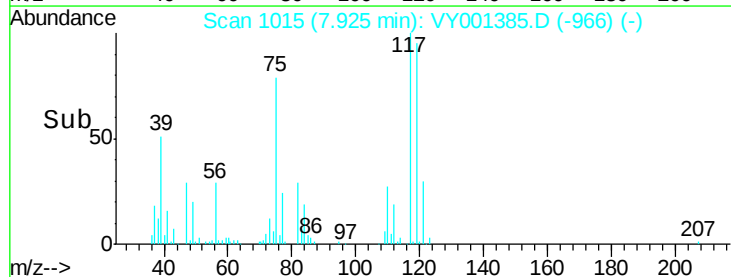
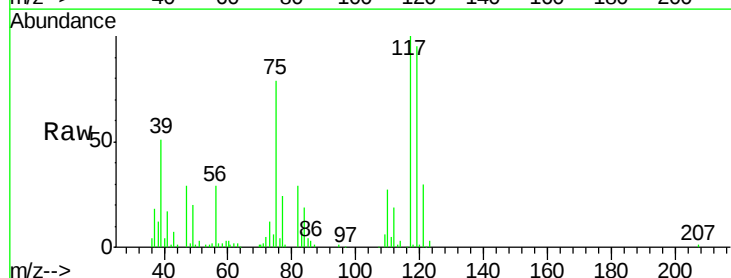
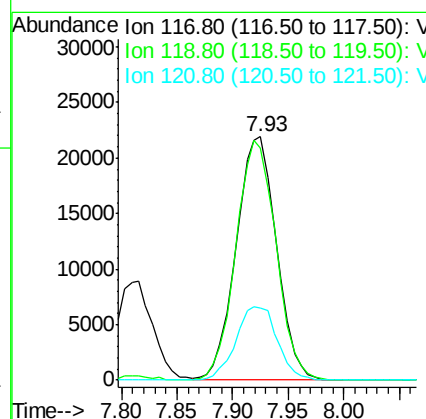
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 18.975 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.3	114.5
121	29.6	23.5	35.3





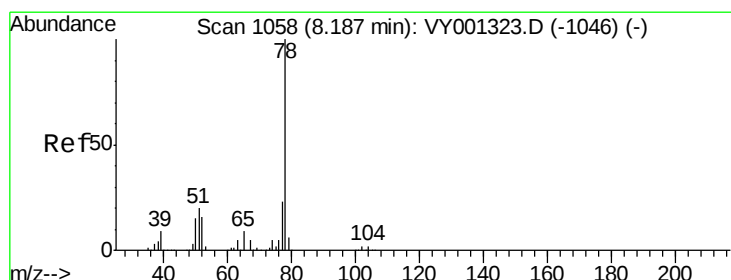
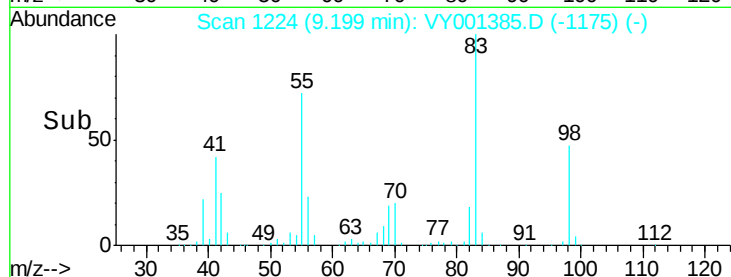
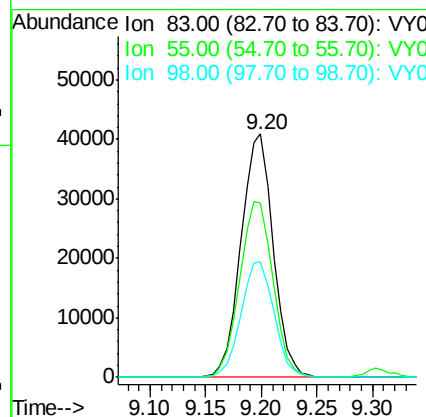
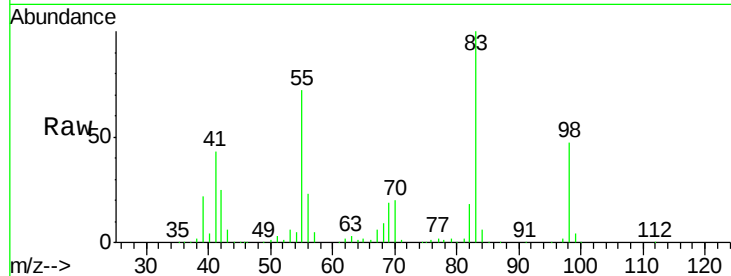
#39
Methvlcvclohexane
Concen: 19.633 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.5	60.7	91.1
98	47.4	37.8	56.8

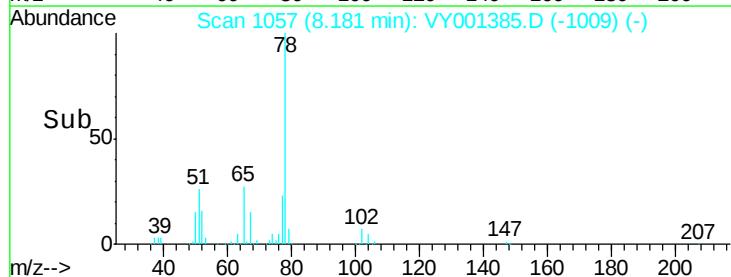
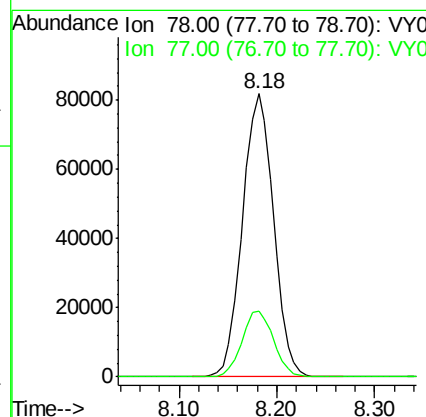
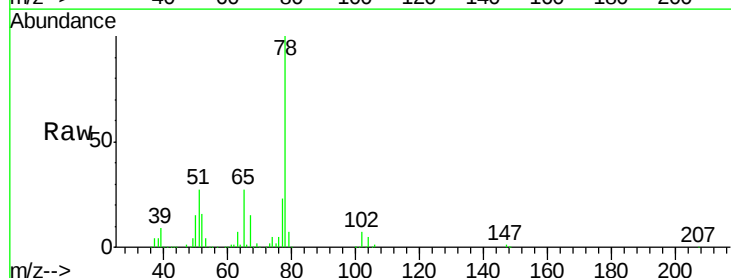
Manual Integrations
APPROVED

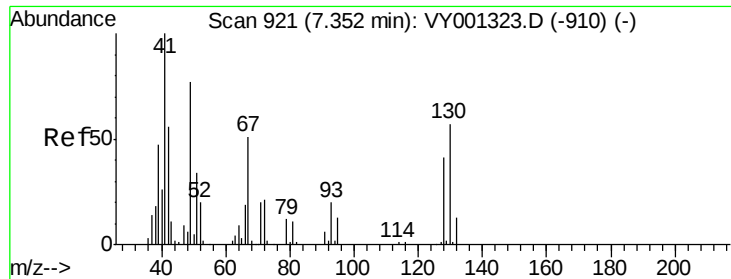
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#40
Benzene
Concen: 18.500 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8





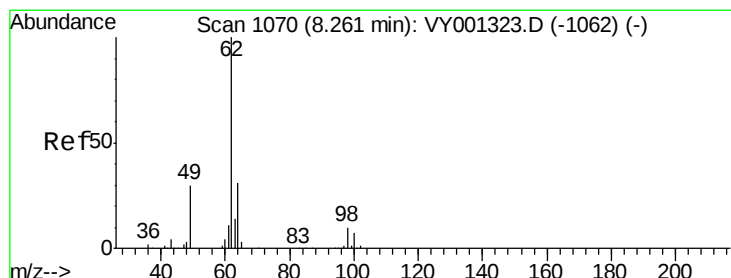
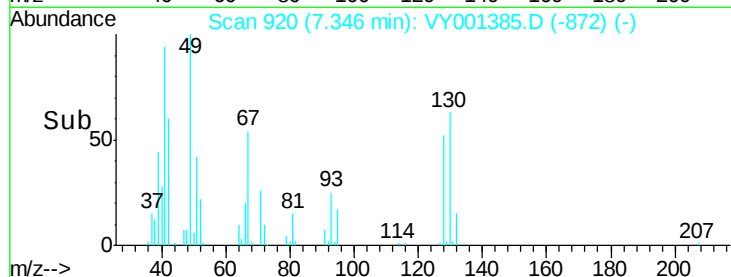
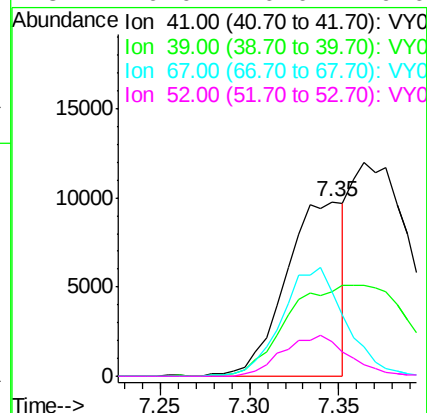
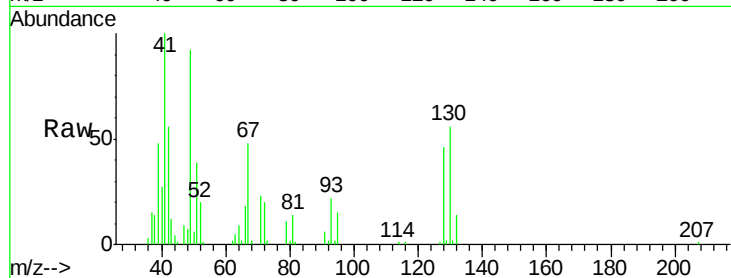
#41
Methacrylonitrile
Concen: 21.780 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	41	Resp	22374
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

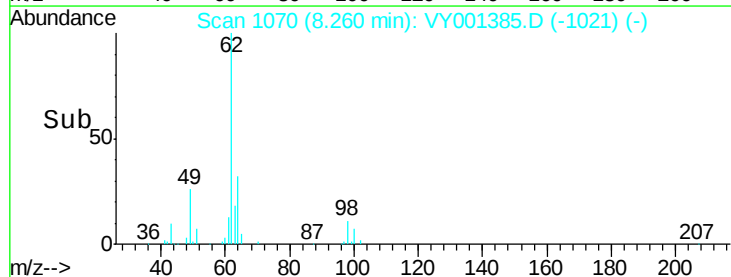
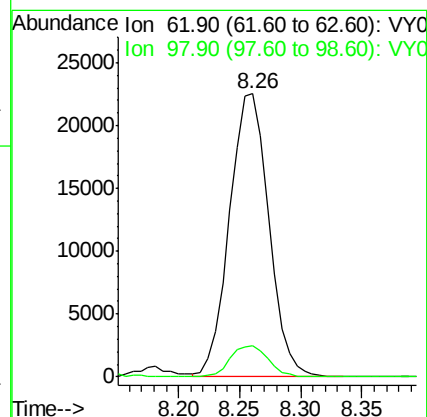
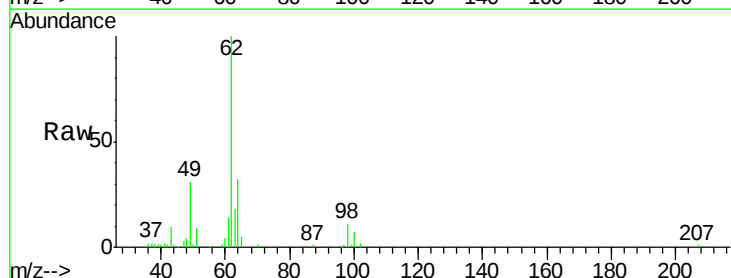
Manual Integrations
APPROVED

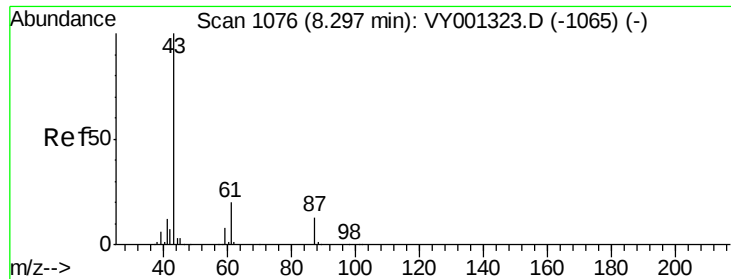
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.420 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion	62	Resp	50284
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.8





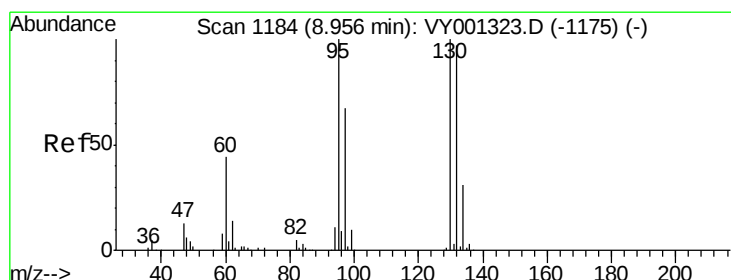
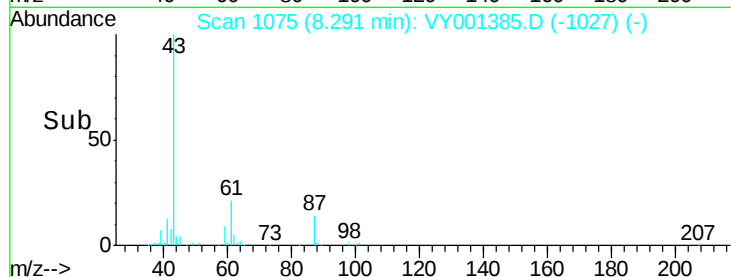
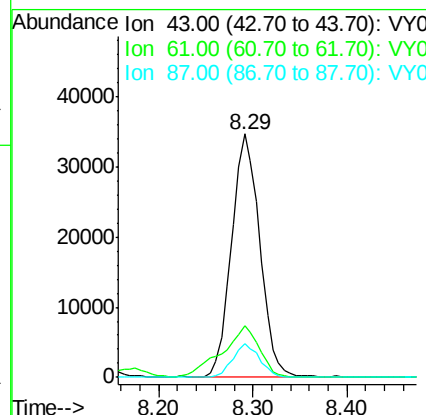
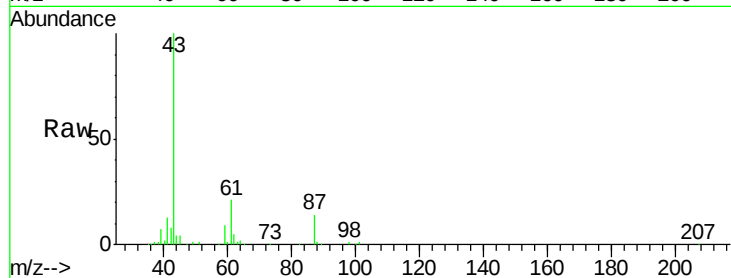
#43
Isopropyl Acetate
Concen: 18.698 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.2	22.7	34.1
87	13.2	11.0	16.4

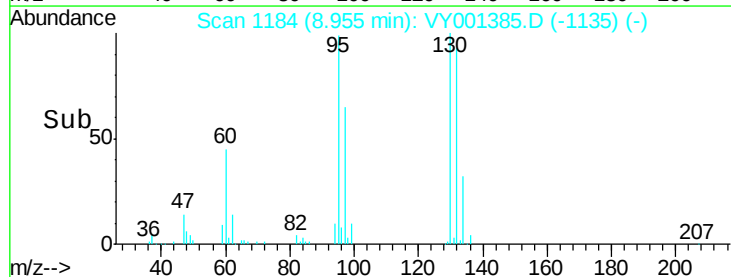
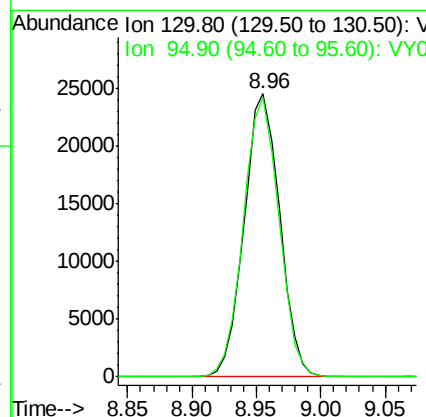
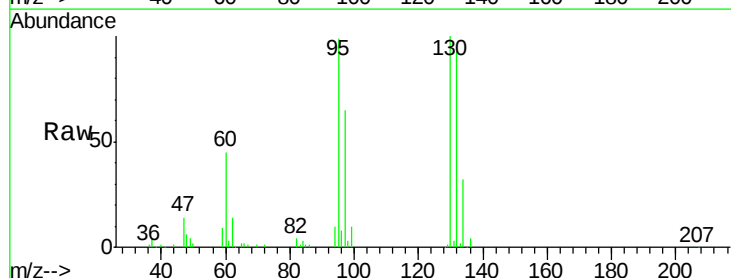
Manual Integrations
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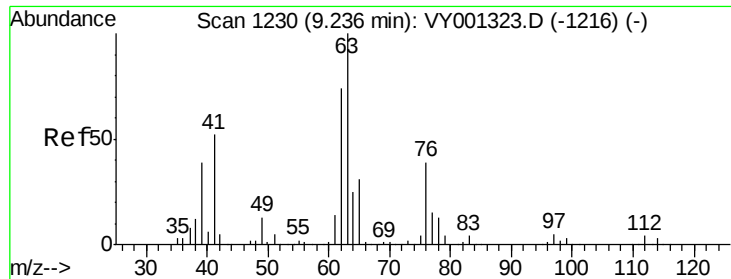
MMDadoda
1/27/2020 12:02:12 PM



#44
Trichloroethene
Concen: 18.684 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	200.0





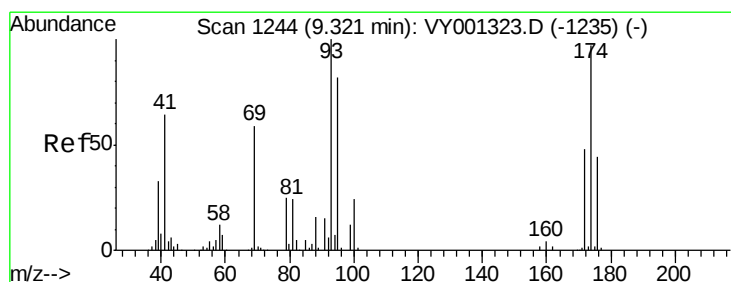
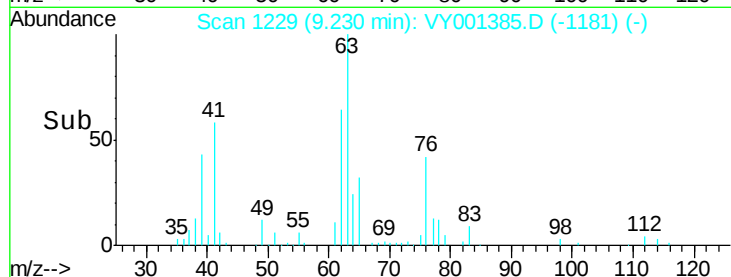
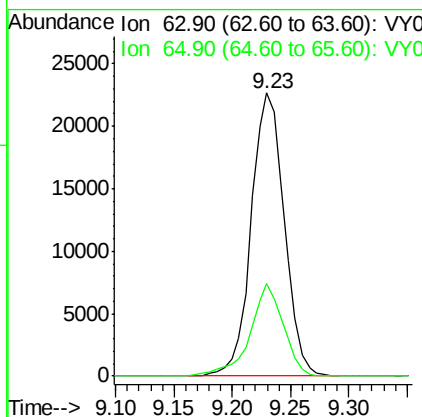
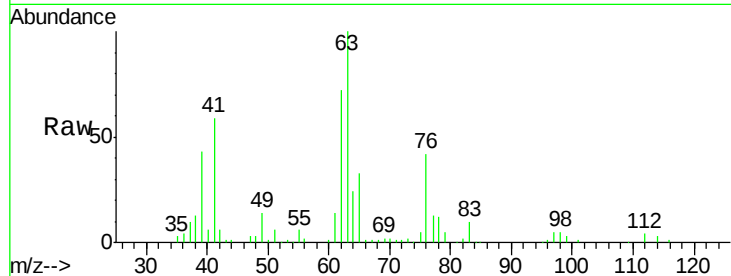
#45
 1,2-Dichloropropane
 Concen: 18.151 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion: 63 Resp: 44827
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.9 37.3

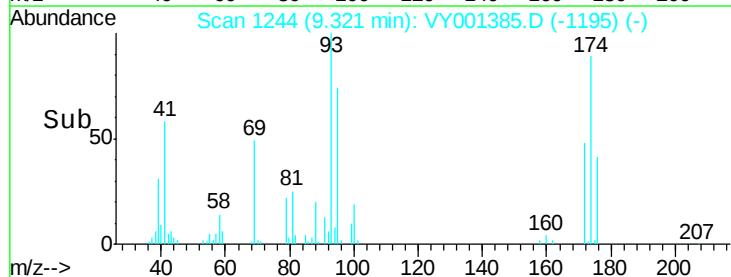
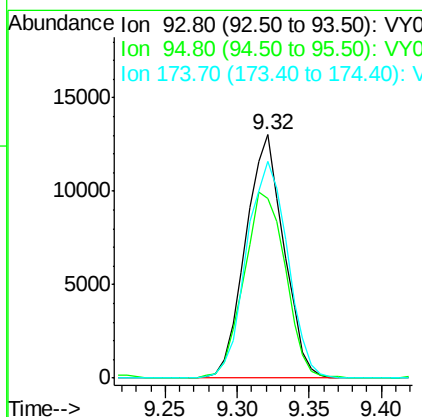
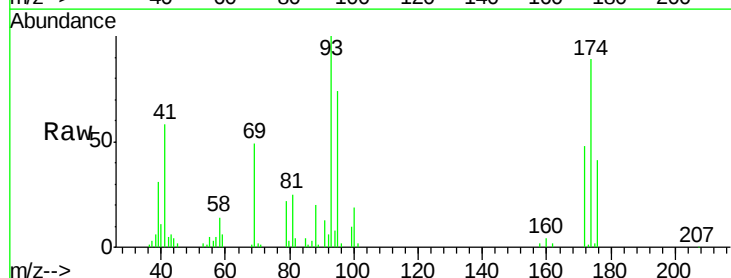
Manual Integrations
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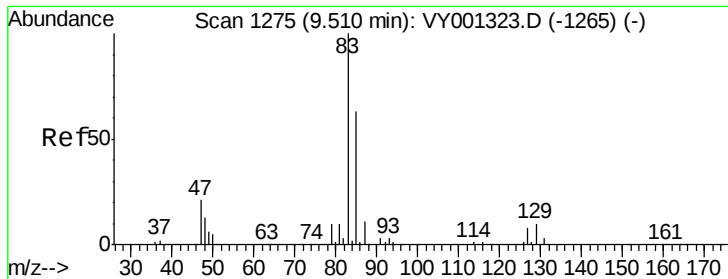
MMDadoda
 1/27/2020 12:02:12 PM



#46
 Dibromomethane
 Concen: 18.048 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Tgt Ion: 93 Resp: 23930
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 95.7 77.9 116.9





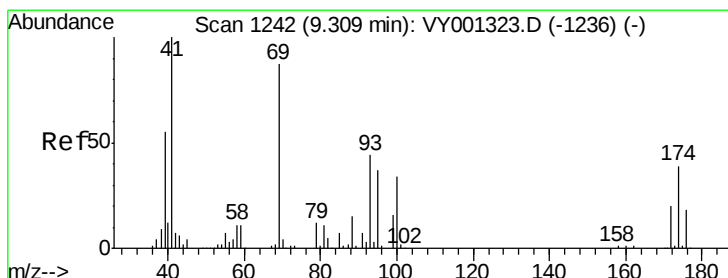
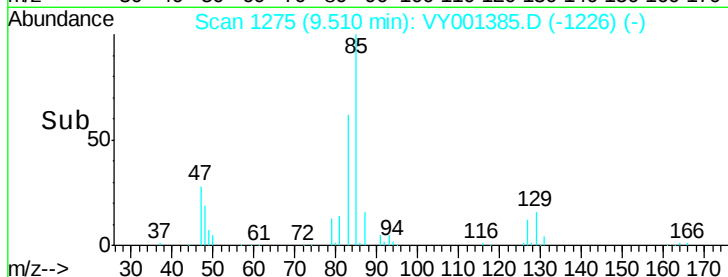
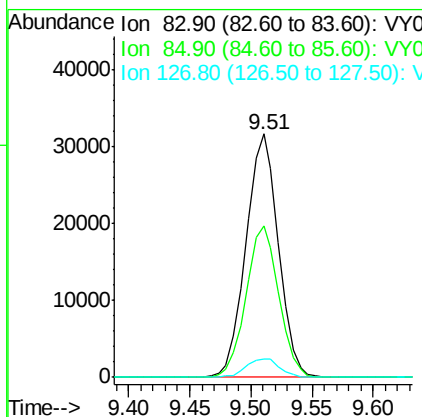
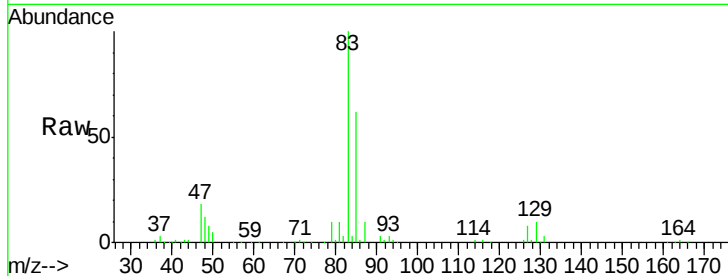
#47
Bromodichloromethane
Concen: 18.450 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	83	Resp	58479
Ion Ratio	100	Lower	Upper
83	100		
85	62.4	50.2	75.2
127	7.8	6.4	9.6

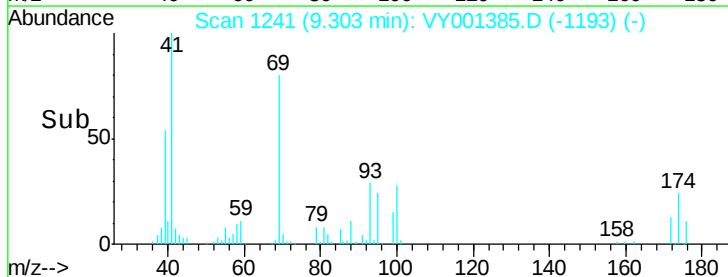
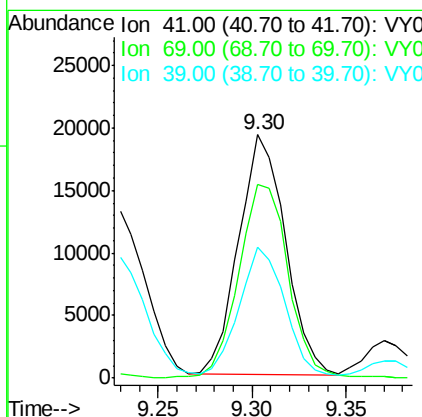
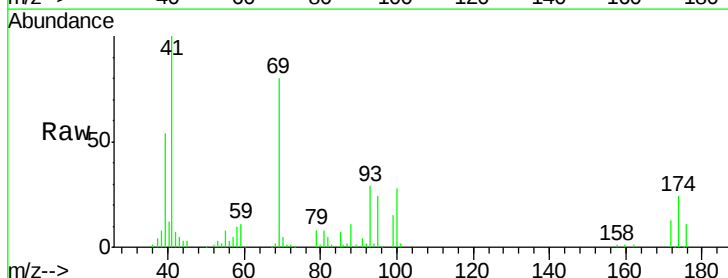
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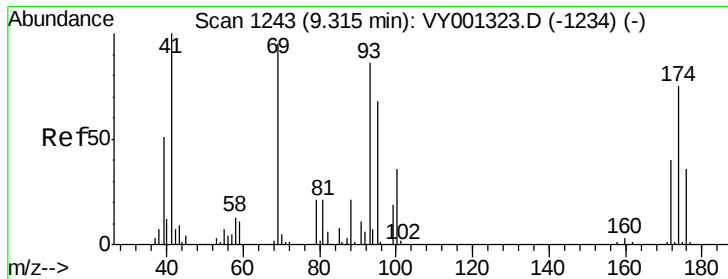
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#48
Methyl methacrylate
Concen: 18.773 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion	41	Resp	33036
Ion Ratio	100	Lower	Upper
41	100		
69	86.4	70.2	105.4
39	51.3	45.7	68.5





#49

1,4-Dioxane

Concen: 375.398 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 88 Resp: 7019

Ion Ratio Lower Upper

88 100

43 32.2 28.2 42.2

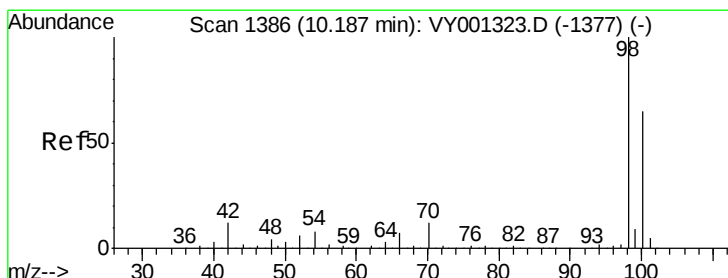
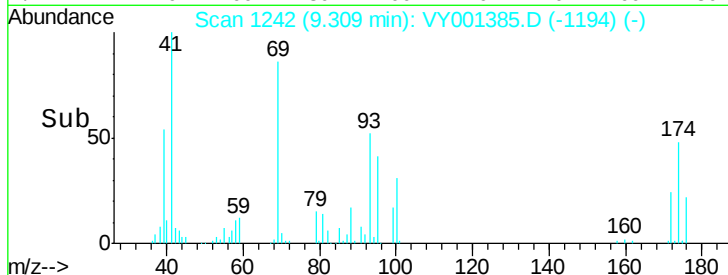
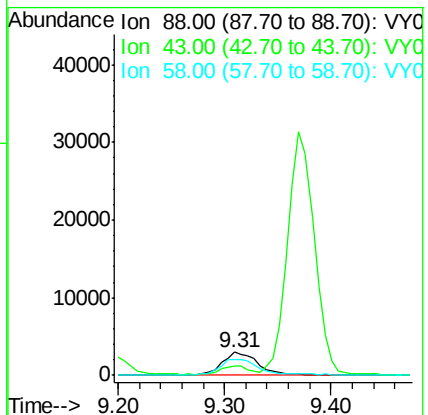
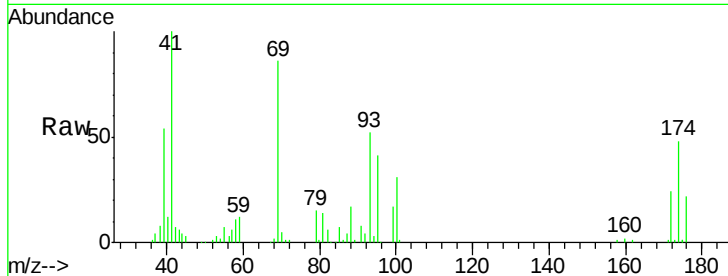
58 77.7 55.6 83.4

Manual Integrations

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#50

Toluene-d8

Concen: 52.383 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001385.D

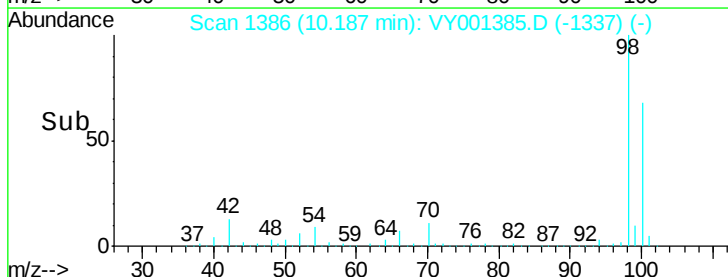
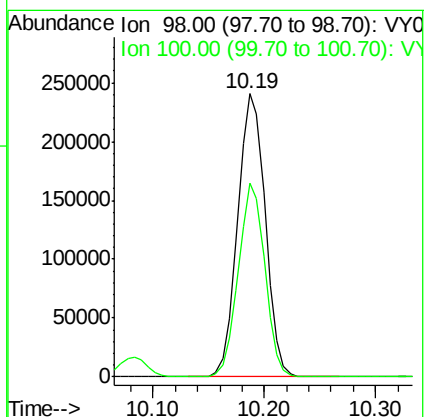
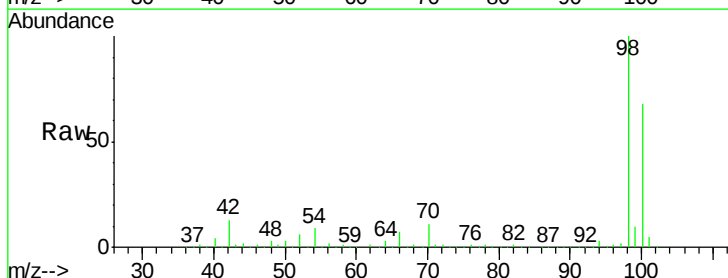
Acq: 24 Jan 2020 16:17

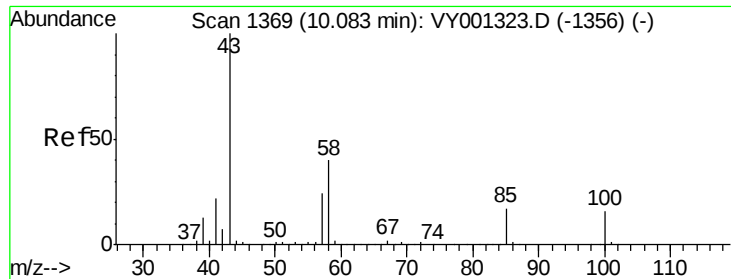
Tgt Ion: 98 Resp: 411953

Ion Ratio Lower Upper

98 100

100 66.0 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 94.015 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 43 Resp: 187416

Ion Ratio Lower Upper

43 100

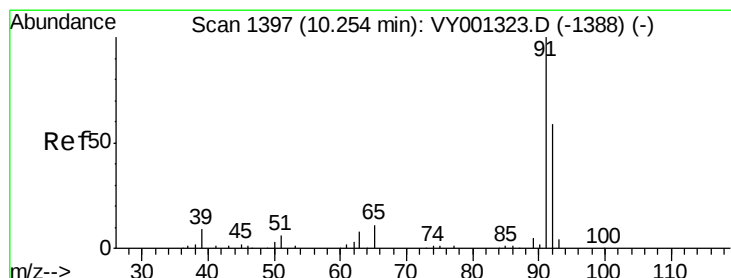
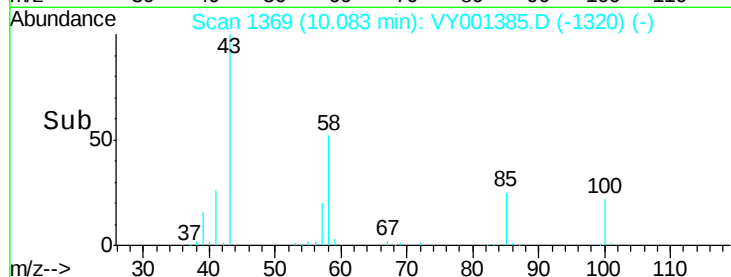
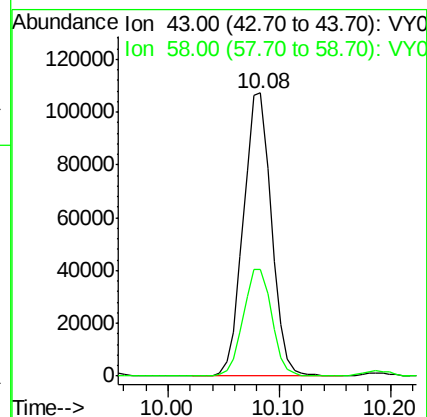
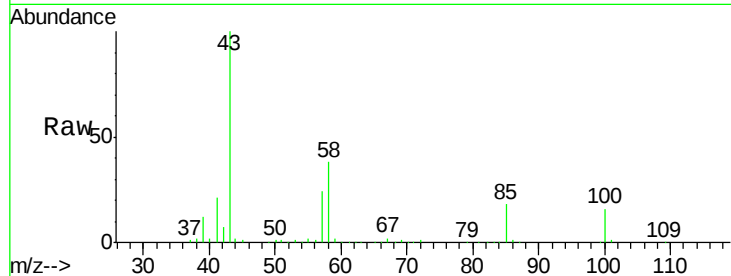
58 38.7 31.5 47.3

Manual Integrations

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#52

Toluene

Concen: 18.566 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY001385.D

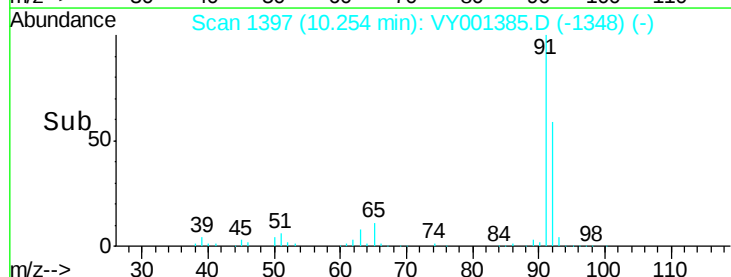
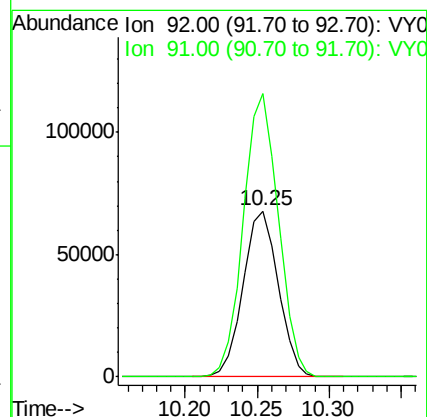
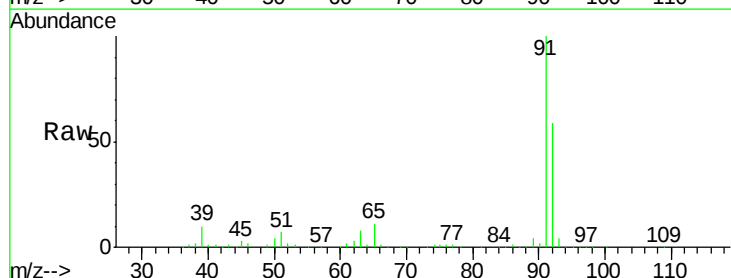
Acq: 24 Jan 2020 16:17

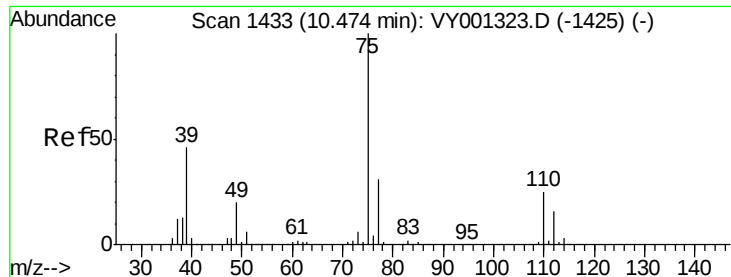
Tgt Ion: 92 Resp: 114978

Ion Ratio Lower Upper

92 100

91 169.9 136.4 204.6





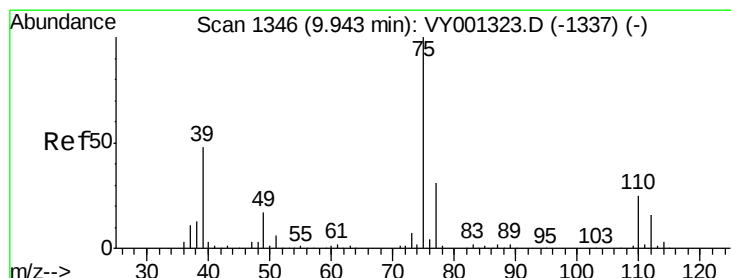
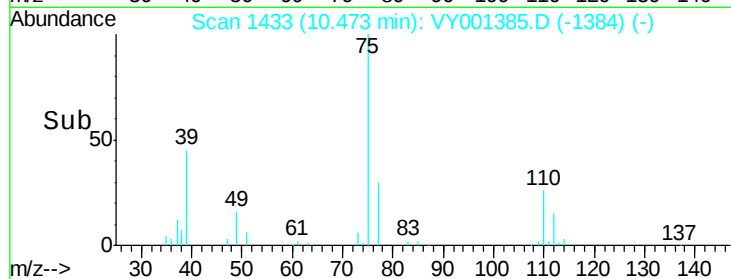
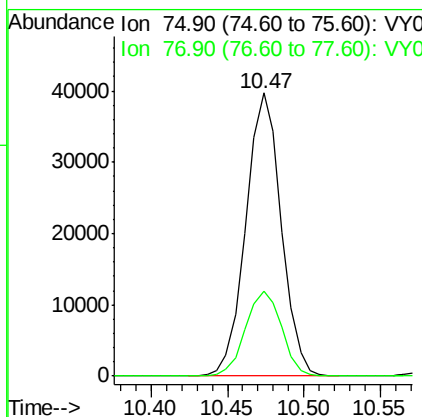
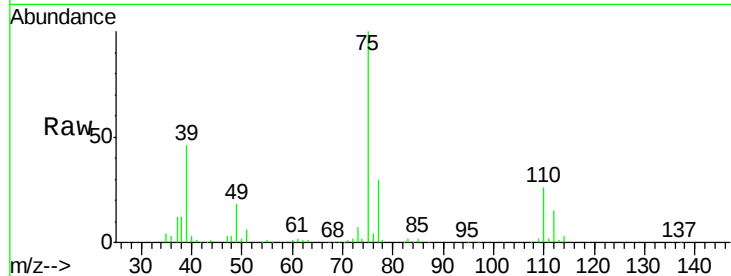
#53
t-1,3-Dichloropropene
Concen: 18.142 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion: 75 Resp: 63736
Ion Ratio Lower Upper
75 100
77 30.2 25.2 37.8

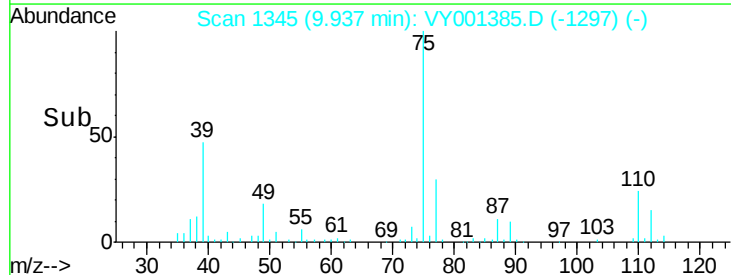
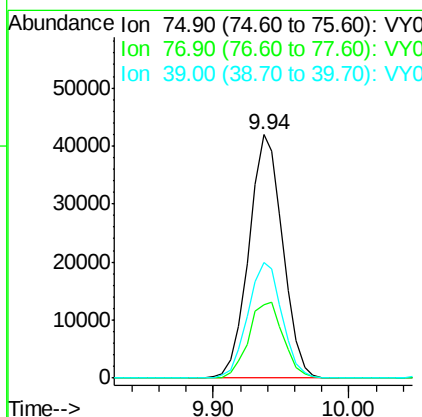
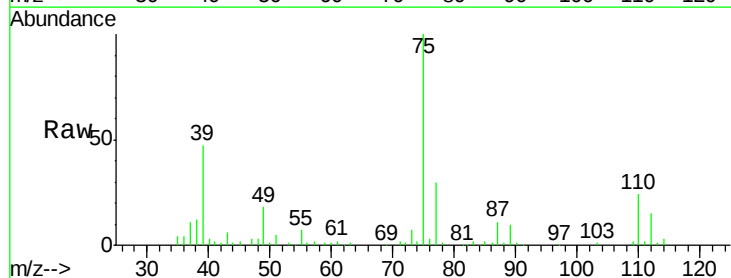
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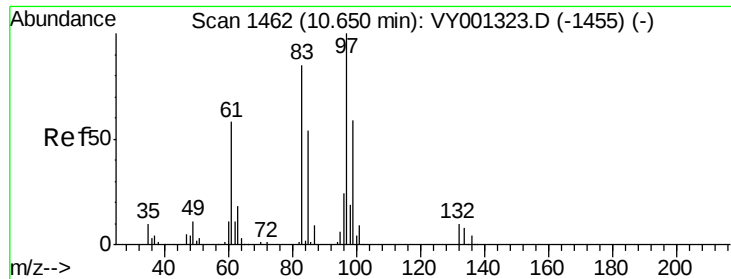
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#54
cis-1,3-Dichloropropene
Concen: 18.143 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion: 75 Resp: 73158
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.6
39 47.5 38.2 57.4





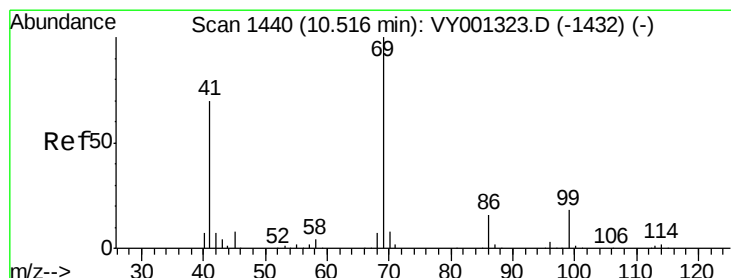
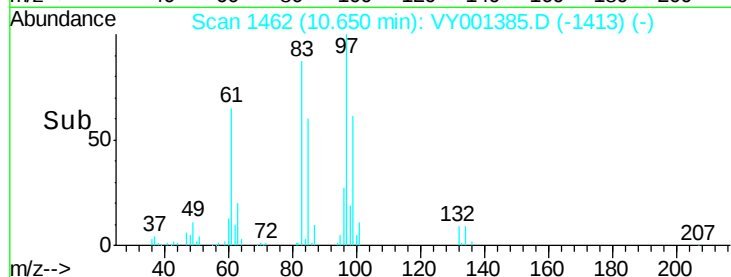
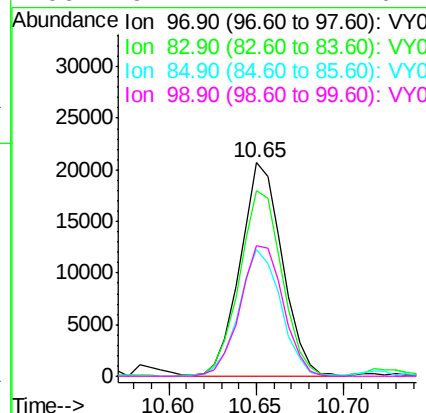
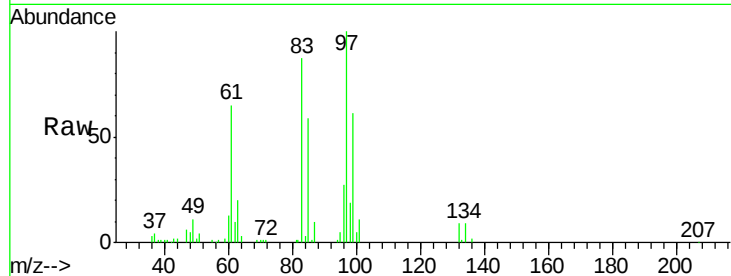
#55
 1,1,2-Trichloroethane
 Concen: 17.603 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		34448		
83	87.4	68.0	102.0		
85	59.1	43.6	65.4		
99	61.1	47.1	70.7		

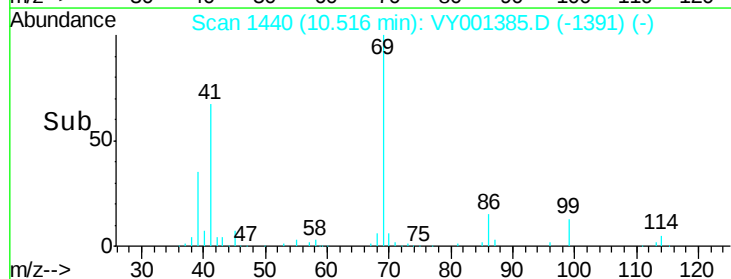
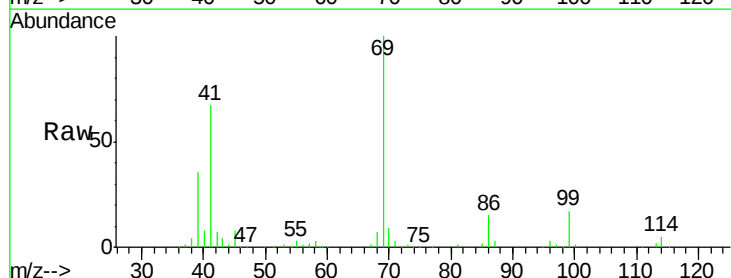
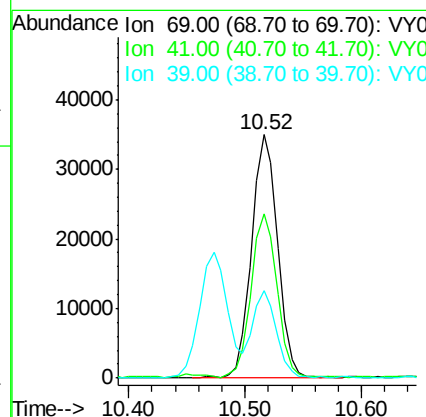
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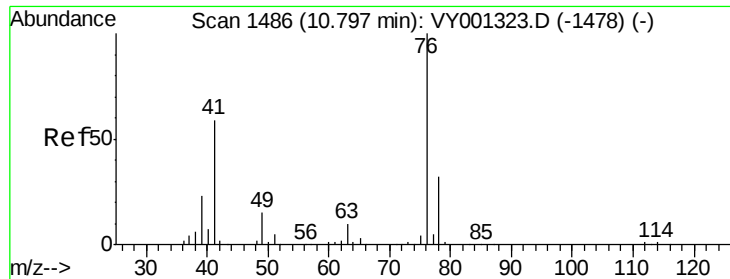
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#56
 Ethyl methacrylate
 Concen: 18.464 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		54614		
41	66.5	54.1	81.1		
39	32.5	26.8	40.2		





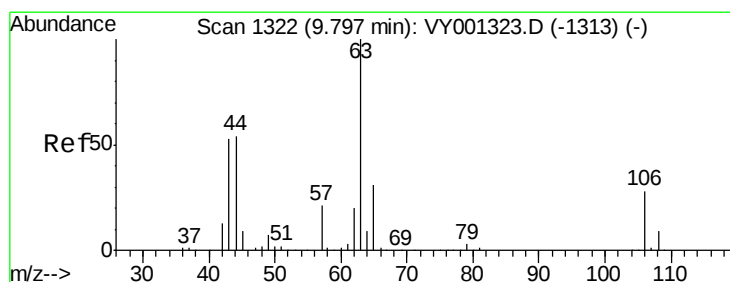
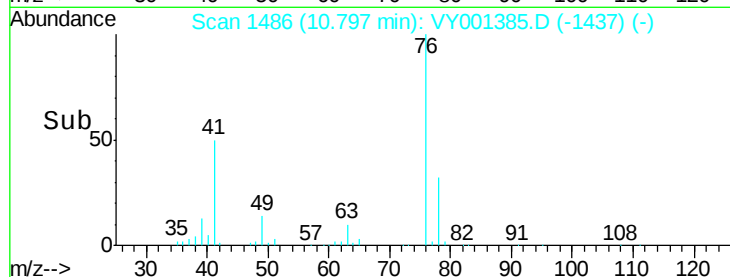
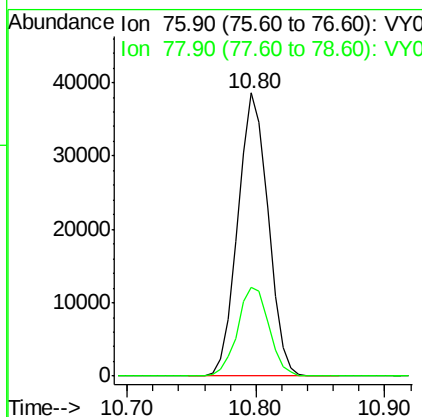
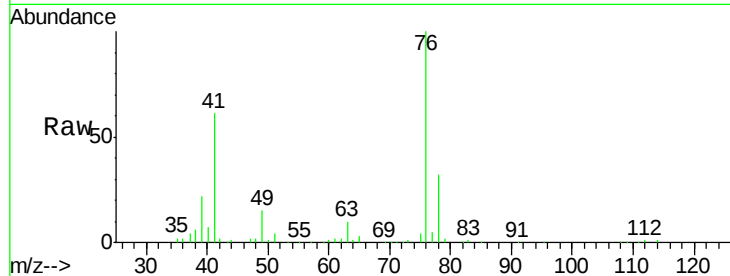
#57
 1,3-Dichloropropane
 Concen: 18.448 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion: 76 Resp: 62888
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8

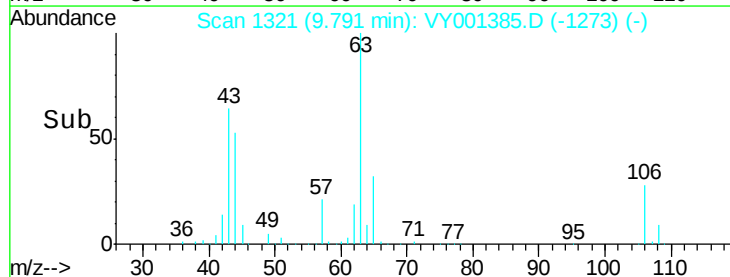
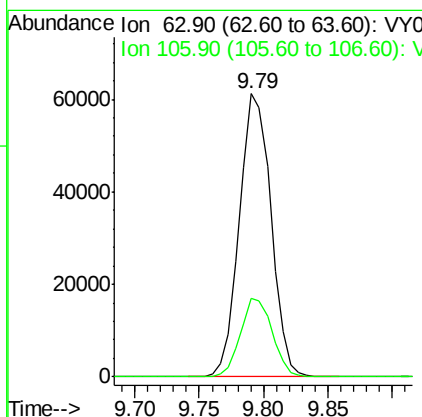
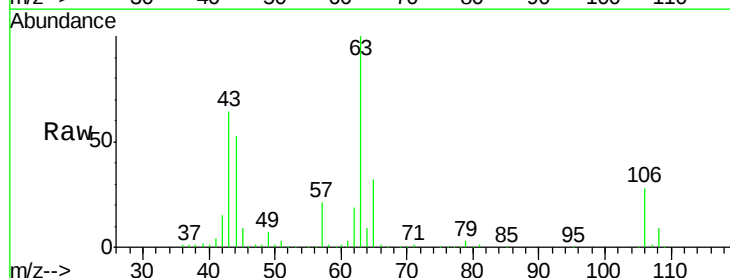
Manual Integrations
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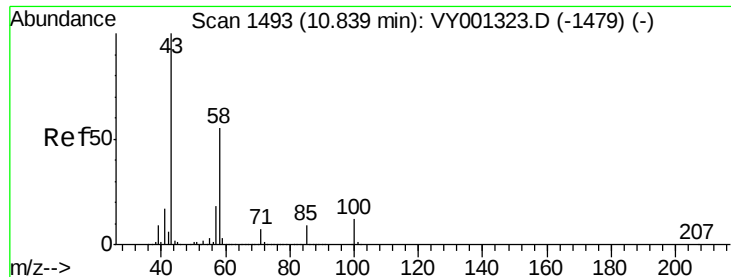
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#58
 2-Chloroethyl Vinyl ether
 Concen: 101.598 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Tgt Ion: 63 Resp: 103986
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.5 33.7





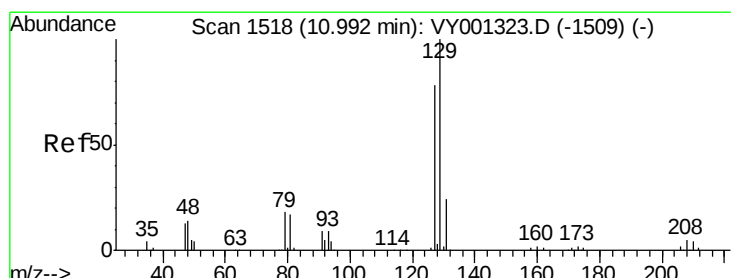
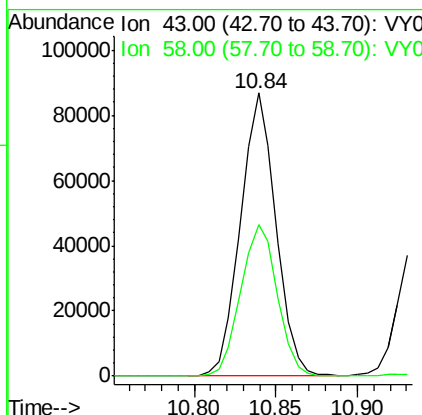
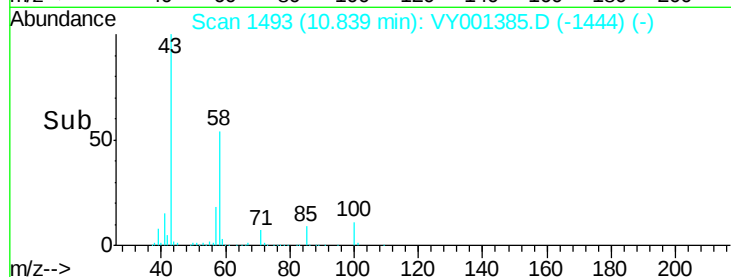
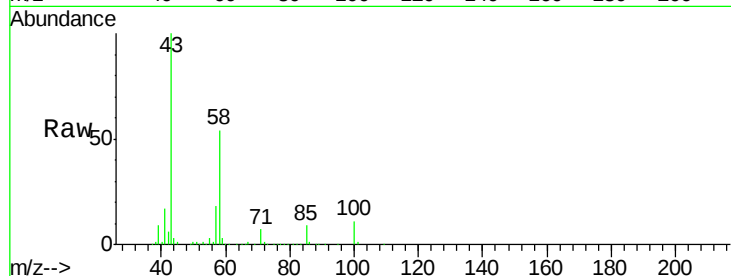
#59
2-Hexanone
Concen: 94.454 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion: 43 Resp: 131083
Ion Ratio Lower Upper
43 100
58 55.3 27.6 82.8

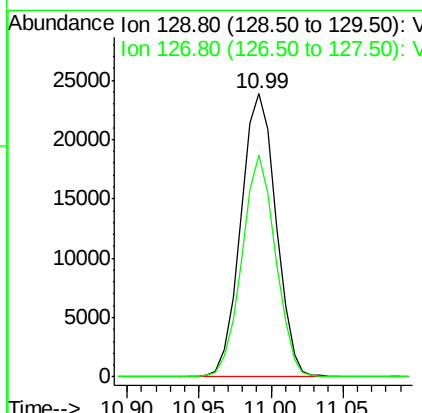
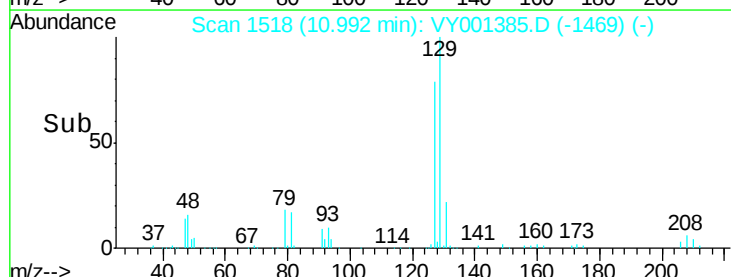
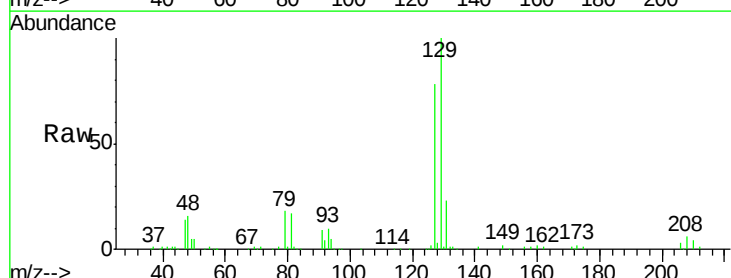
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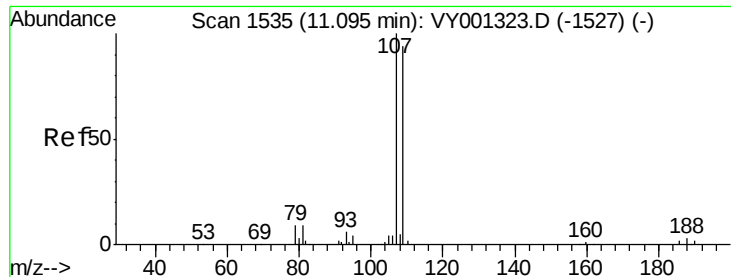
MMDadoda
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#60
Dibromochloromethane
Concen: 18.469 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion: 129 Resp: 40425
Ion Ratio Lower Upper
129 100
127 74.6 38.8 116.4





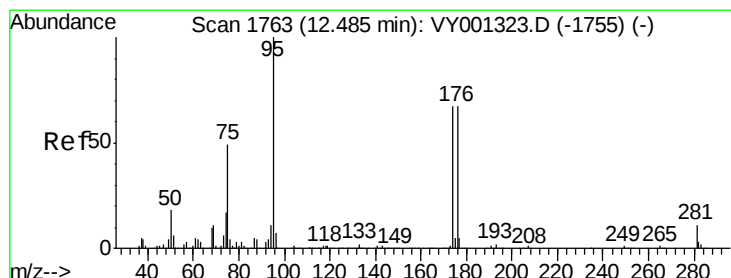
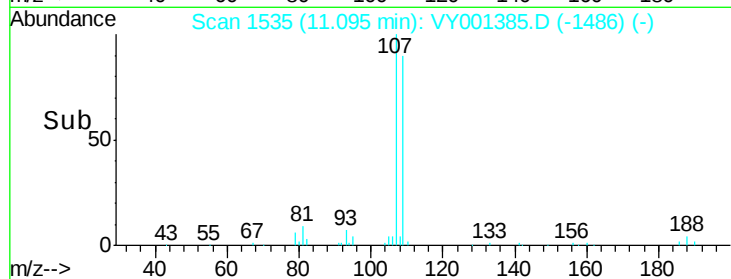
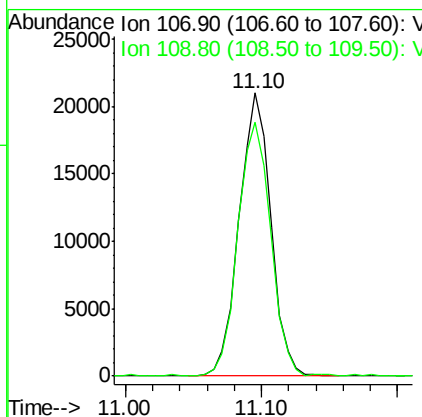
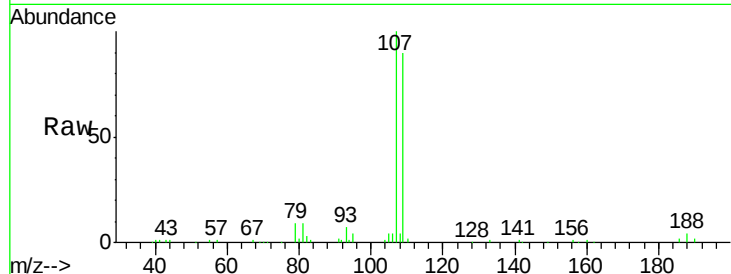
#61
1,2-Dibromoethane
Concen: 18.433 ug/l
RT: 11.10 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.0	112.6

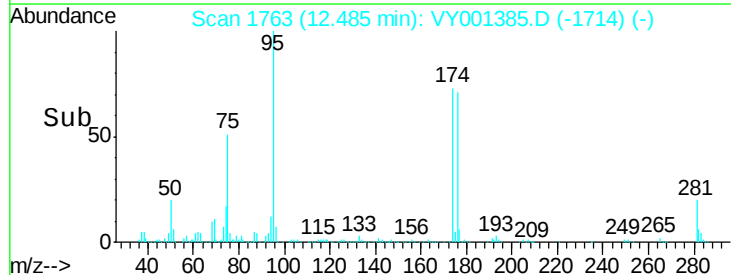
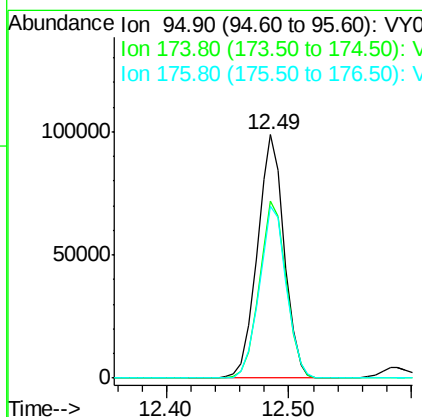
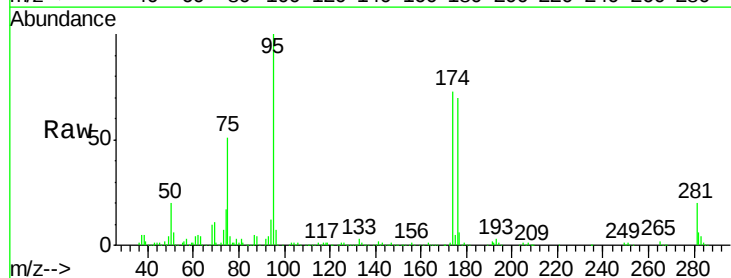
Manual Integrations
APPROVED

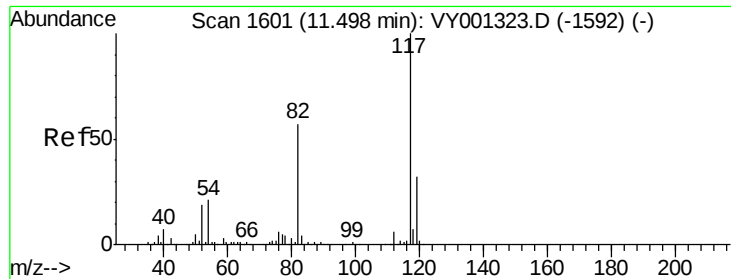
MMDadoda
1/27/2020 12:02:12 PM



#62
4-Bromofluorobenzene
Concen: 47.914 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	142.0
176	71.3	0.0	138.6





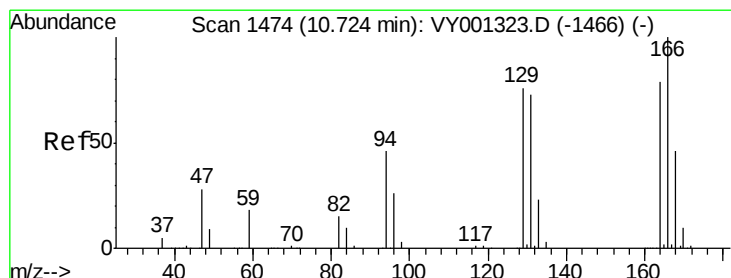
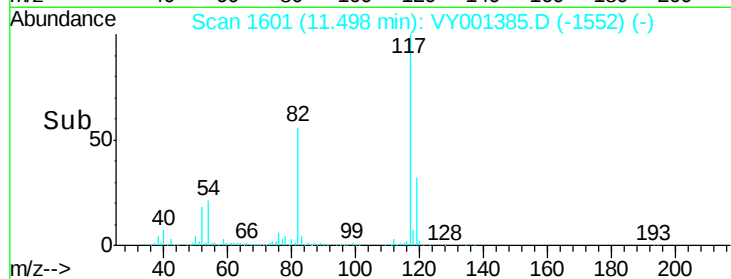
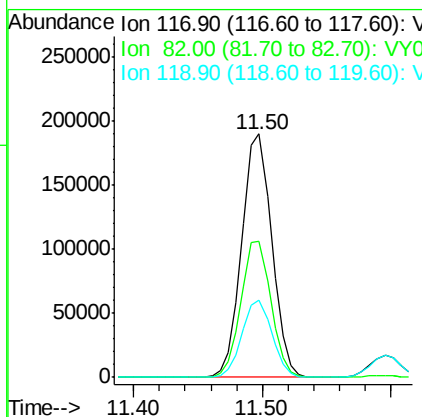
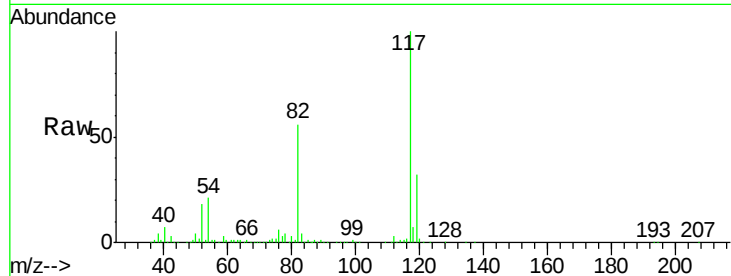
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	45.5	68.3
119	31.8	25.8	38.6

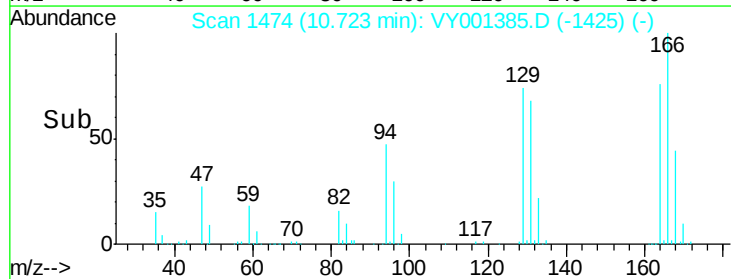
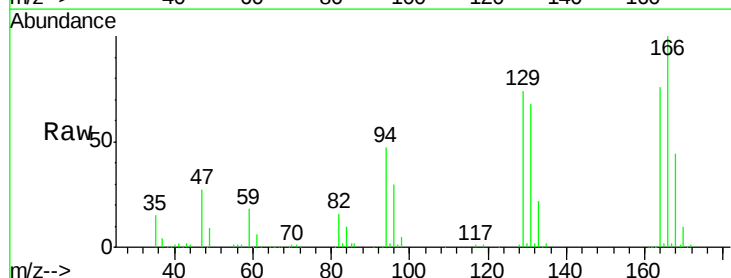
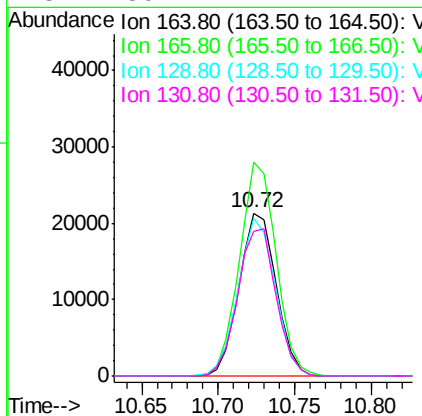
Manual Integrations
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#64
Tetrachloroethene
Concen: 18.434 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.2	101.8	152.8
129	96.6	77.1	115.7
131	89.1	74.2	111.2





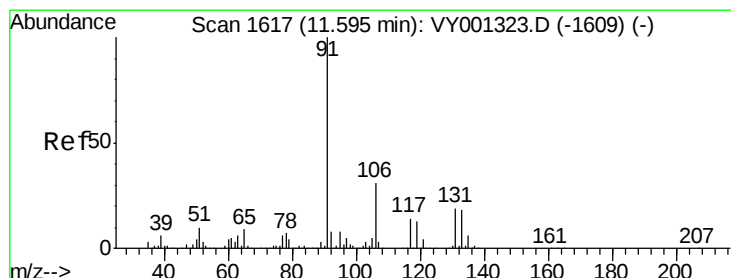
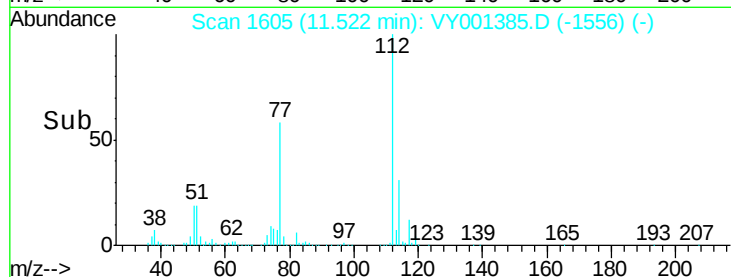
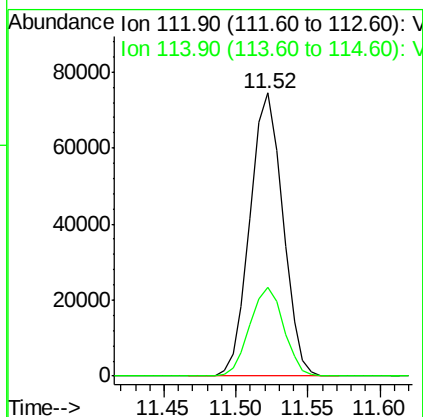
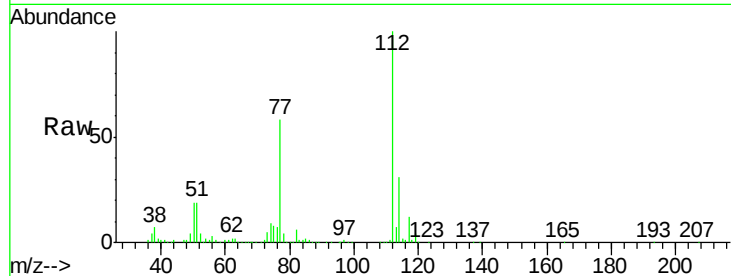
#65
Chlorobenzene
Concen: 18.269 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion:112 Resp: 117874
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

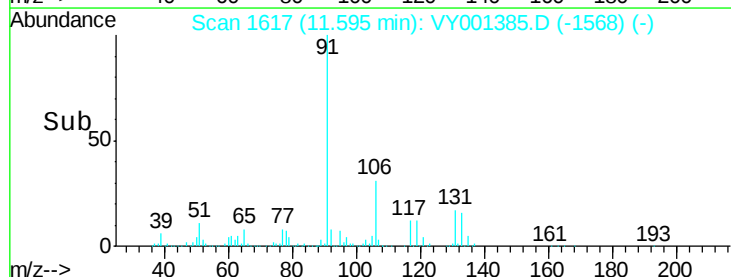
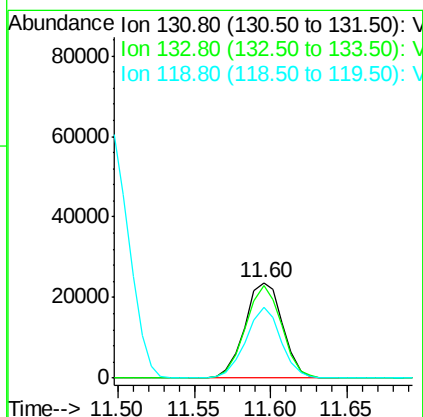
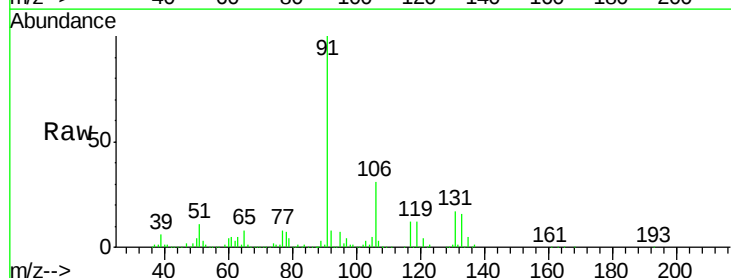
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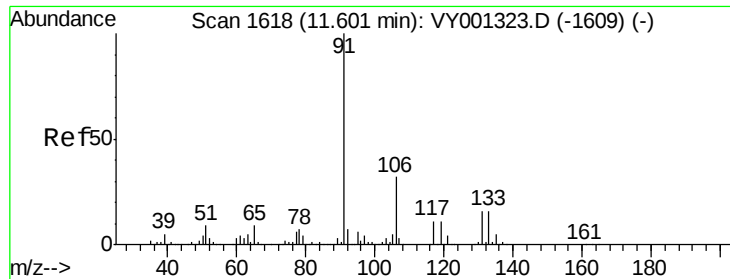
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.446 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion:131 Resp: 40616
Ion Ratio Lower Upper
131 100
133 92.7 47.1 141.3
119 69.0 34.1 102.2





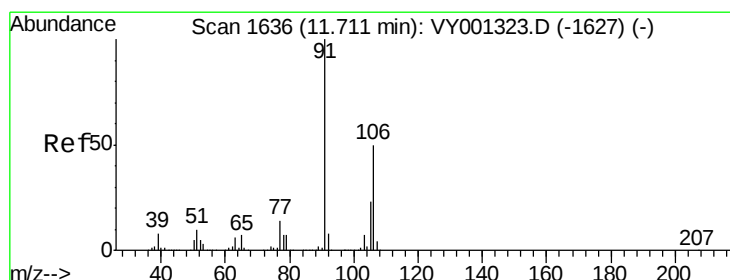
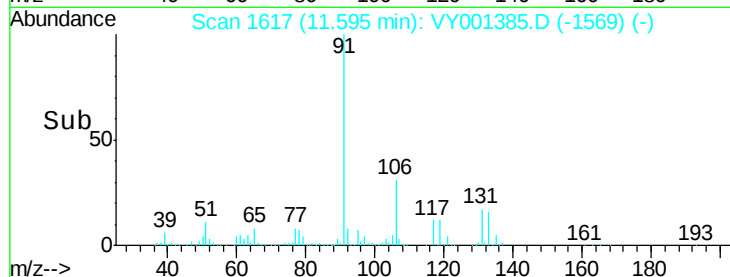
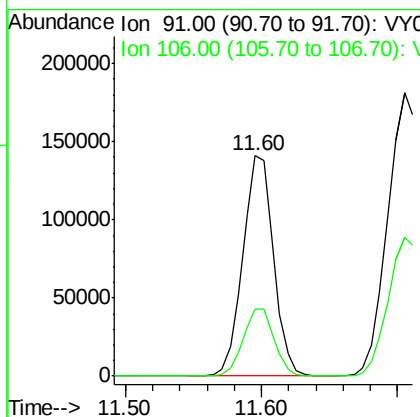
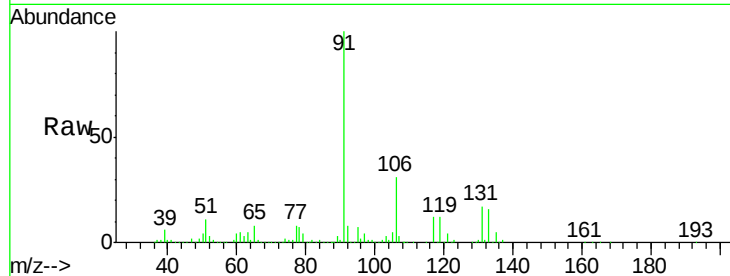
#67
Ethyl Benzene
Concen: 18.704 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion: 91 Resp: 222400
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.0

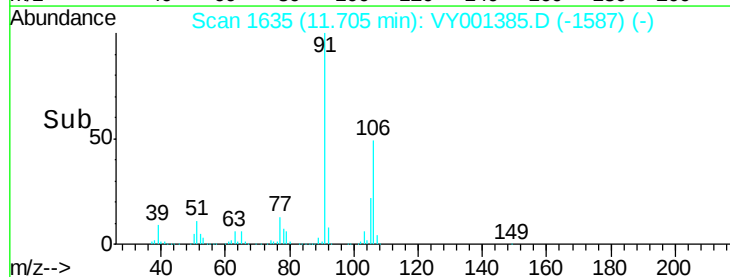
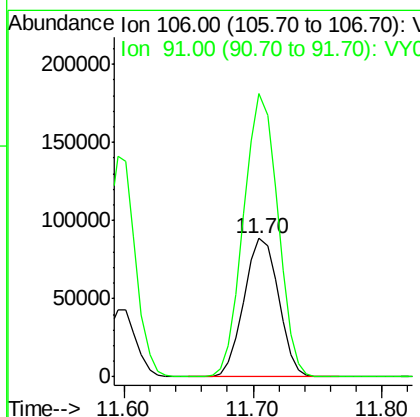
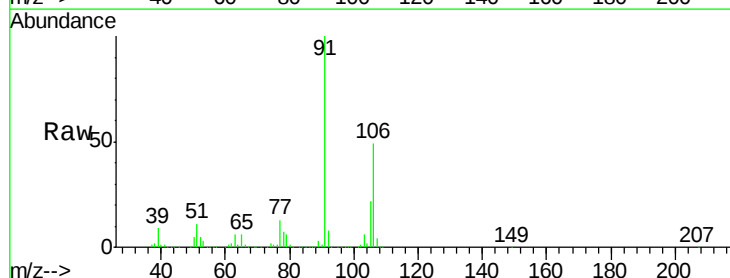
Manual Integrations
APPROVED

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#68
m/p-Xylenes
Concen: 37.050 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion: 106 Resp: 164543
Ion Ratio Lower Upper
106 100
91 202.8 162.8 244.2





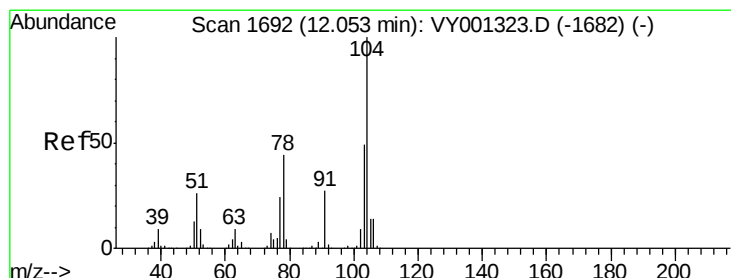
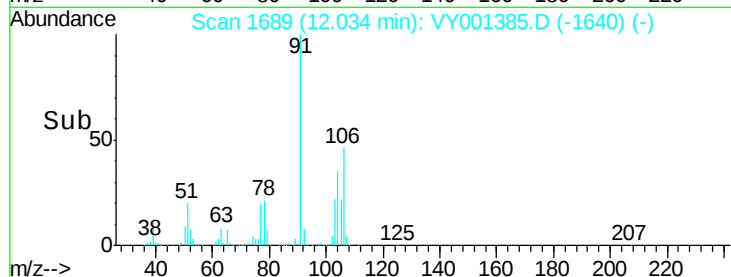
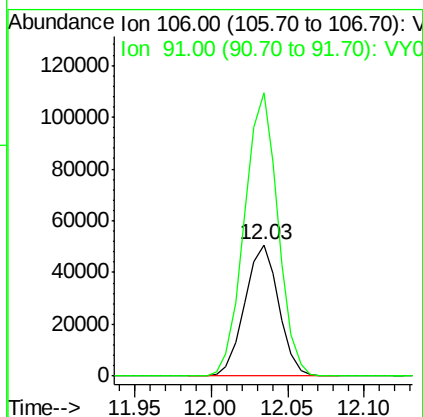
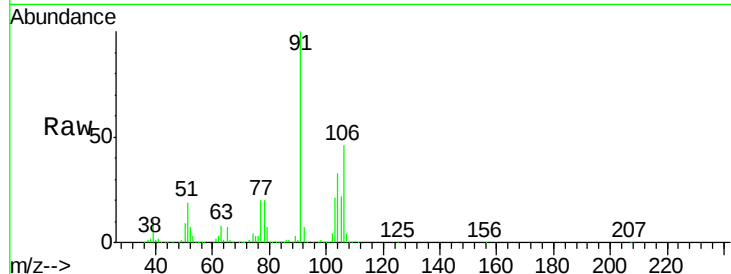
#69
o-Xylene
Concen: 18.337 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion:106 Resp: 78340
Ion Ratio Lower Upper
106 100
91 213.0 106.3 319.0

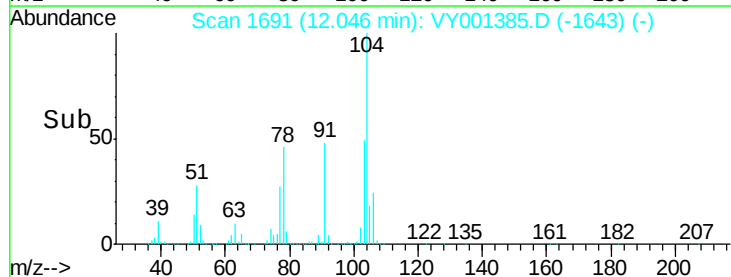
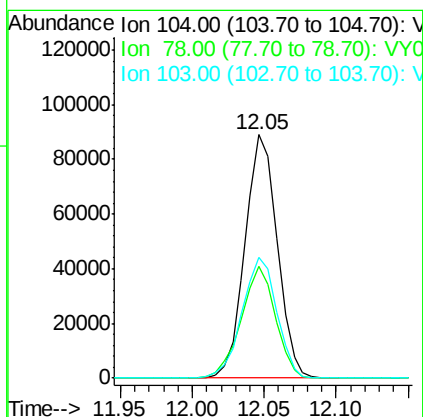
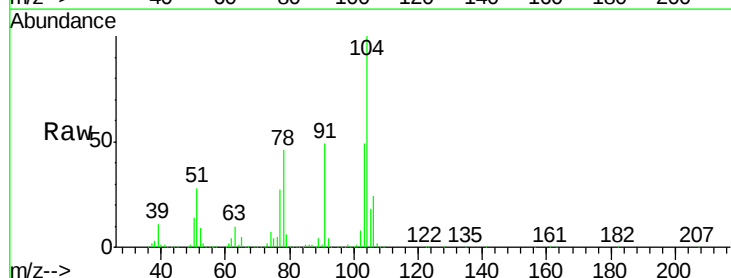
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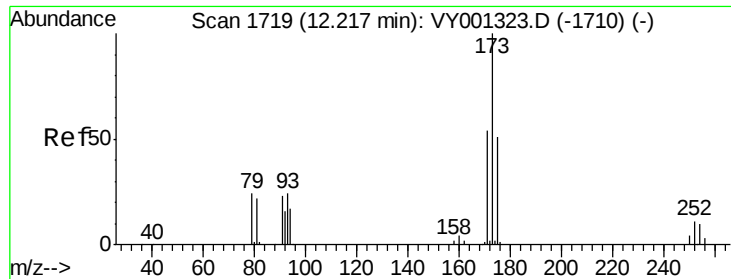
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#70
Styrene
Concen: 18.313 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion:104 Resp: 137270
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.8
103 53.6 43.2 64.8





#71

Bromoform

Concen: 17.591 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion:173 Resp: 23122

Ion Ratio Lower Upper

173 100

175 47.5 24.3 72.9

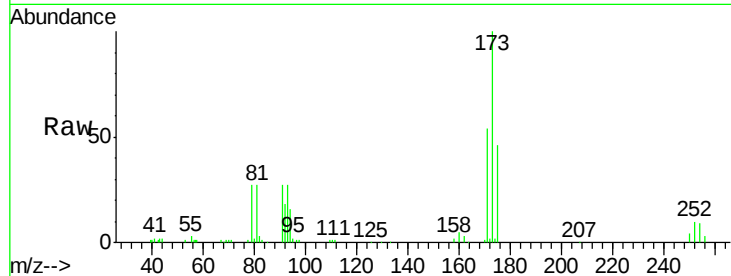
254 0.0 0.0 0.0

Manual Integrations

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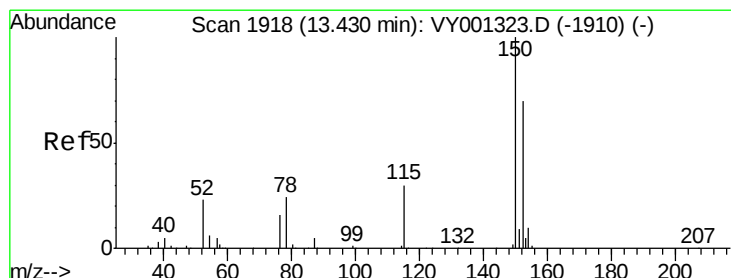
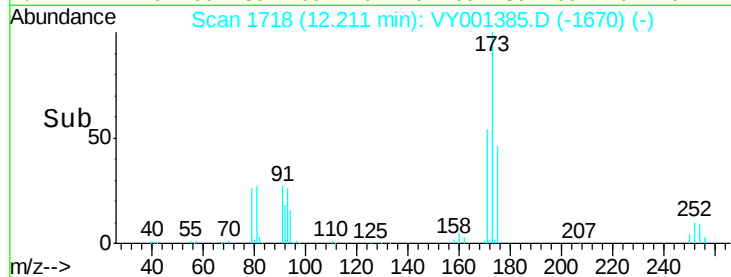
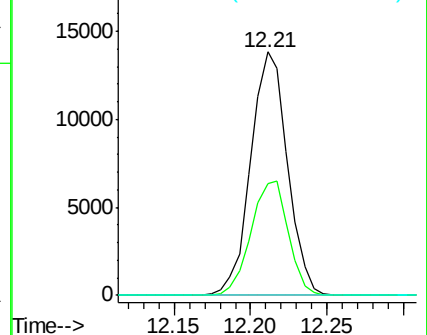
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

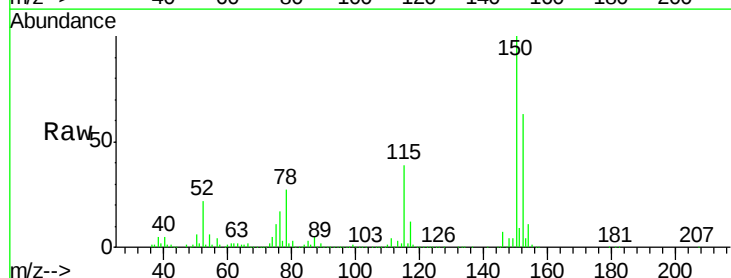
Tgt Ion:152 Resp: 145886

Ion Ratio Lower Upper

152 100

115 61.2 30.9 92.8

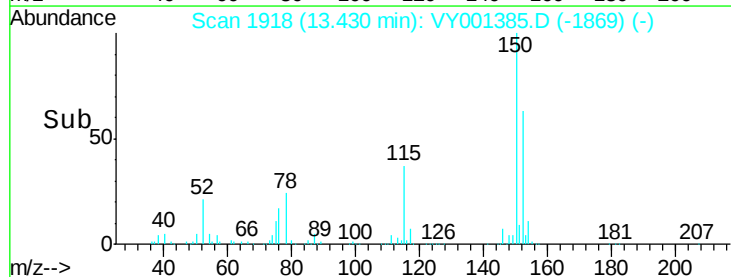
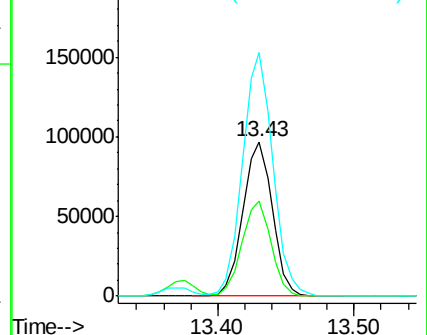
150 163.2 0.0 349.2

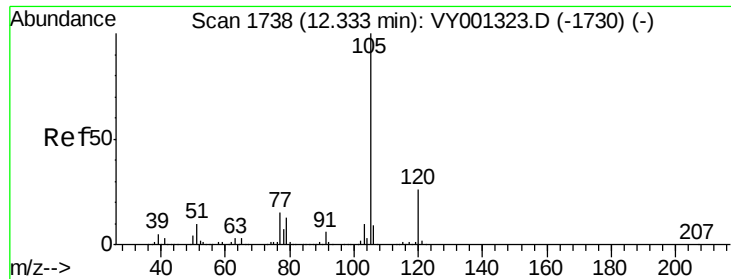


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.350 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 105 Resp: 211237

Ion Ratio Lower Upper

105 100

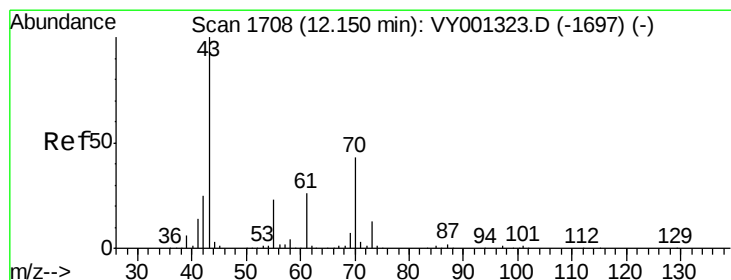
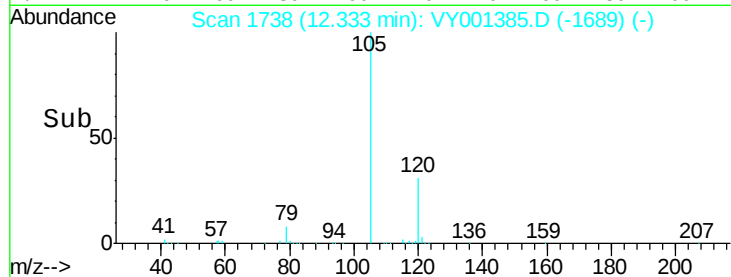
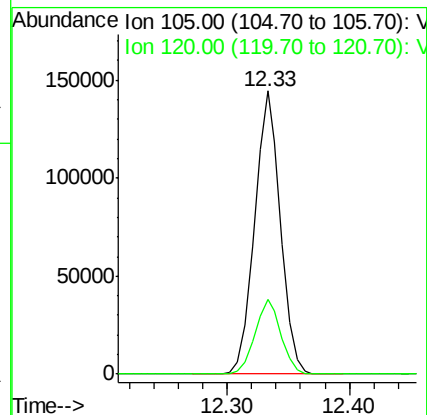
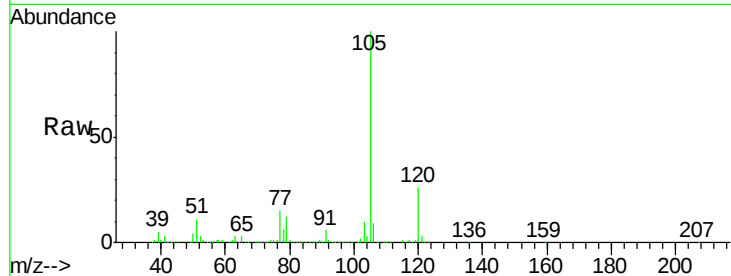
120 26.5 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.066 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Tgt Ion: 43 Resp: 68075

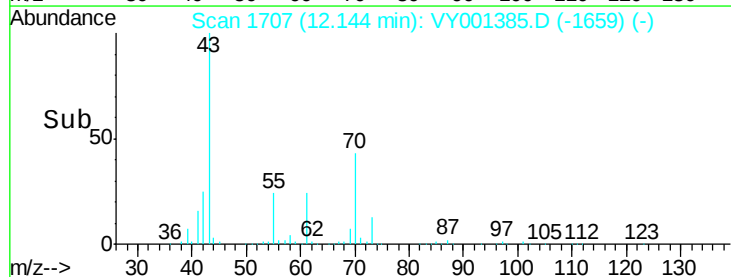
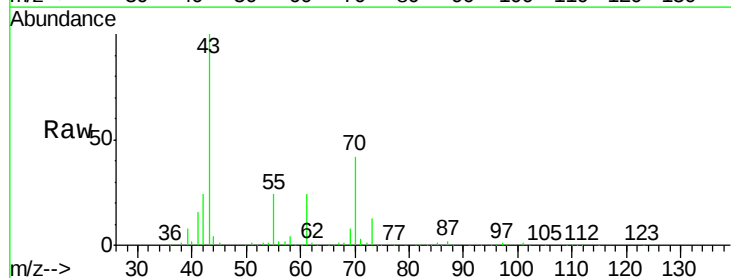
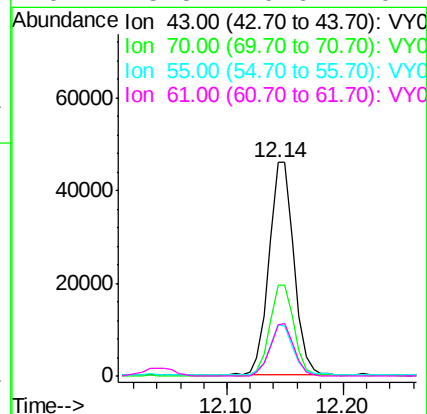
Ion Ratio Lower Upper

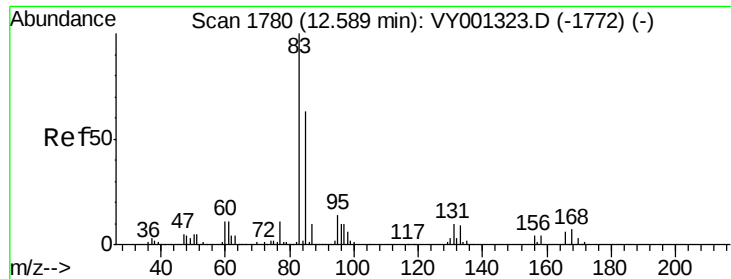
43 100

70 41.9 33.5 50.3

55 23.1 18.2 27.2

61 23.8 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.002 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

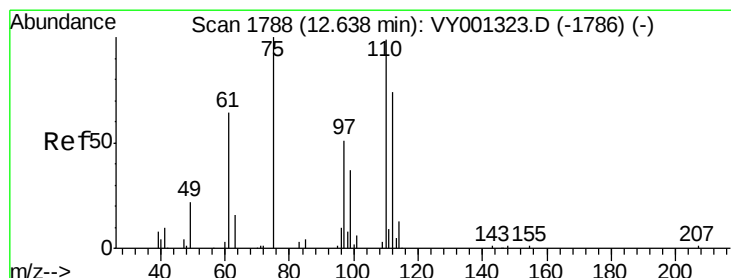
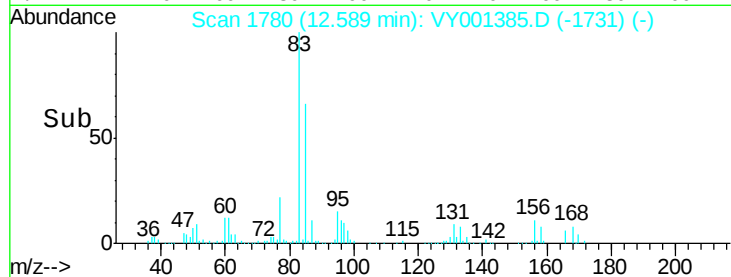
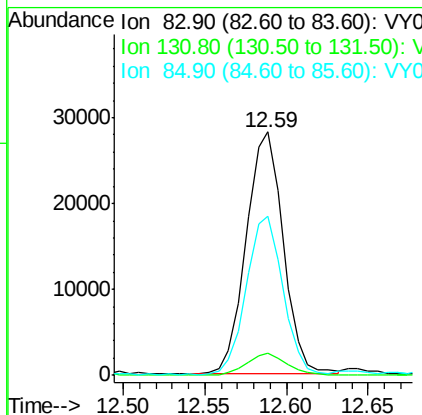
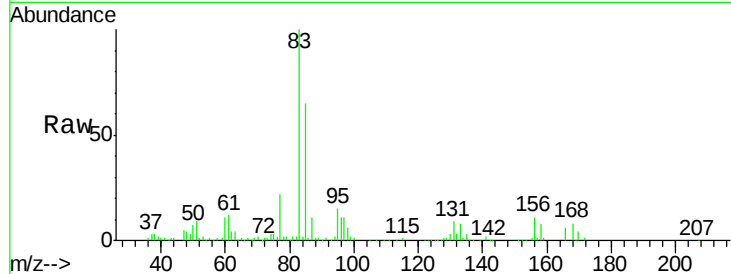
ClientSampleId :

VY0124SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.9	14.6
85	64.8	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.071 ug/l m

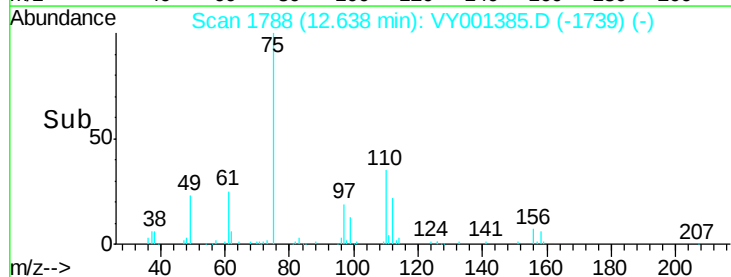
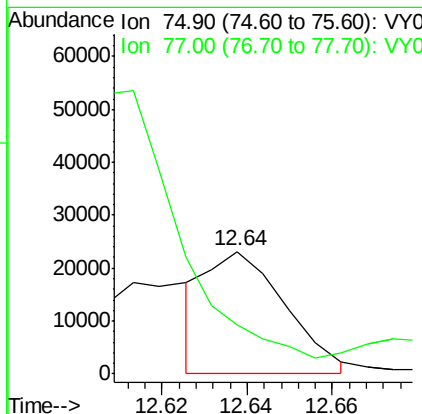
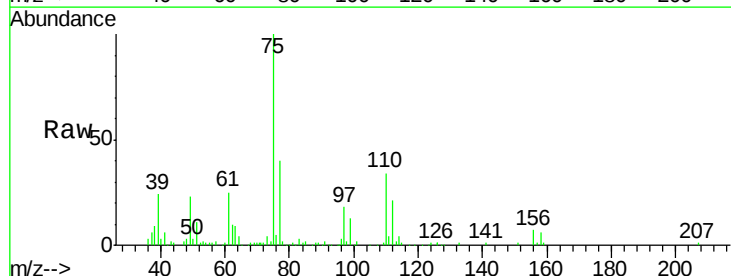
RT: 12.64 min Scan# 1788

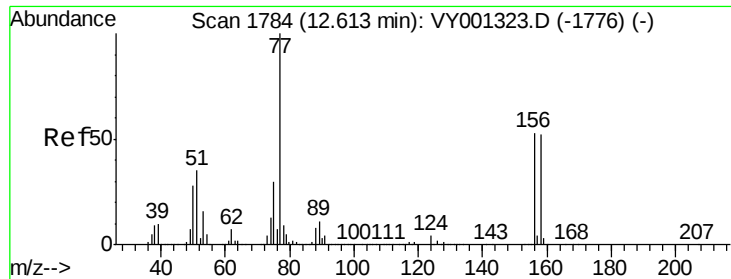
Delta R.T. -0.00 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 17.999 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion:156 Resp: 45893

Ion Ratio Lower Upper

156 100

77 210.8 104.7 313.9

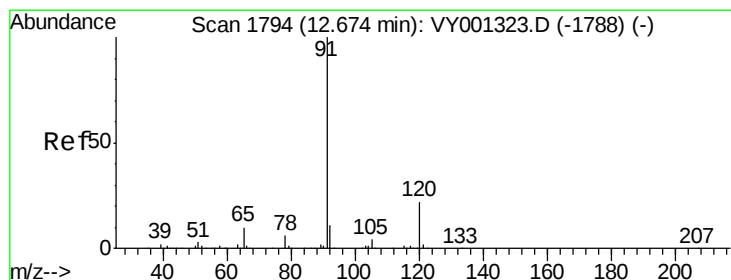
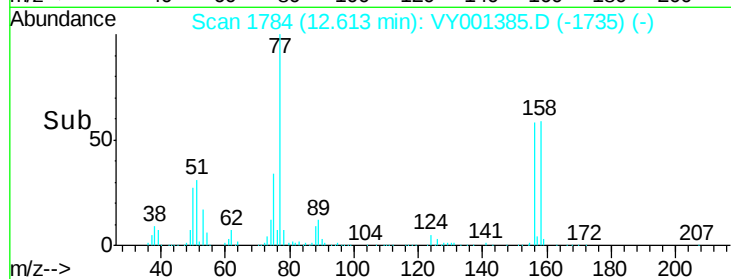
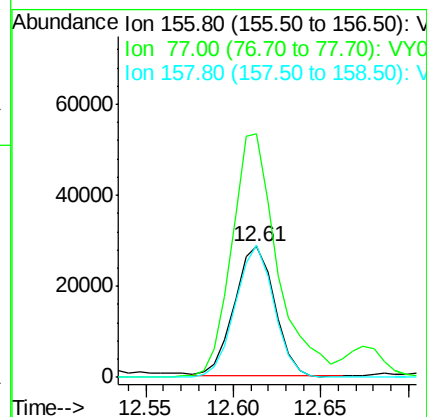
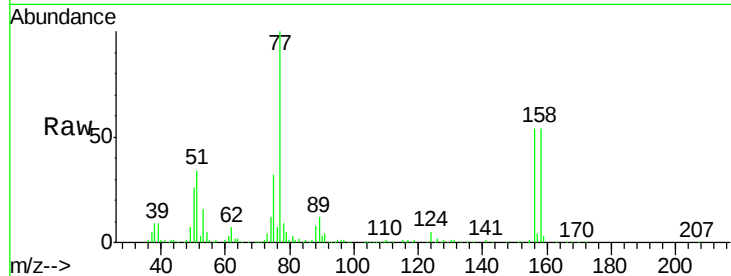
158 97.0 48.6 145.8

Manual Integrations

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#78

n-propylbenzene

Concen: 18.662 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY001385.D

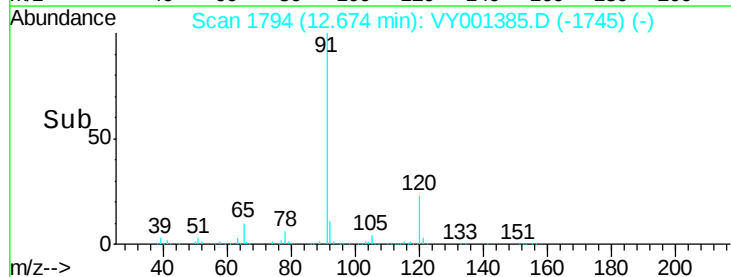
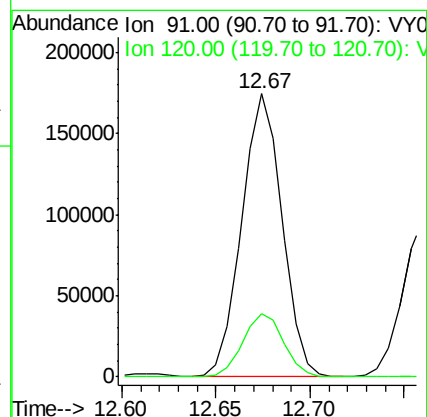
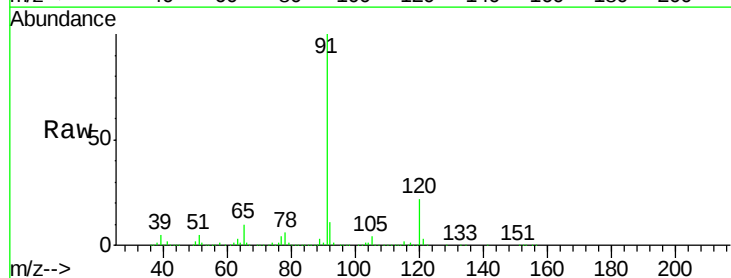
Acq: 24 Jan 2020 16:17

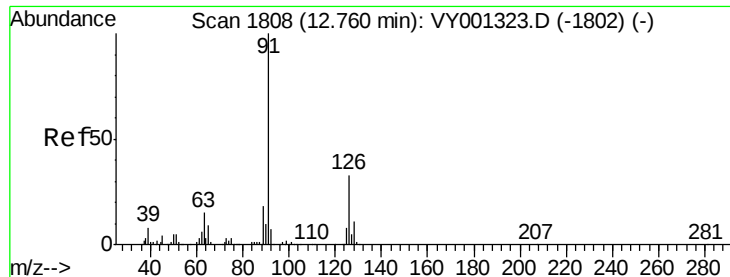
Tgt Ion: 91 Resp: 258578

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.8





#79

2-Chlorotoluene

Concen: 18.017 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 91 Resp: 142612

Ion Ratio Lower Upper

91 100

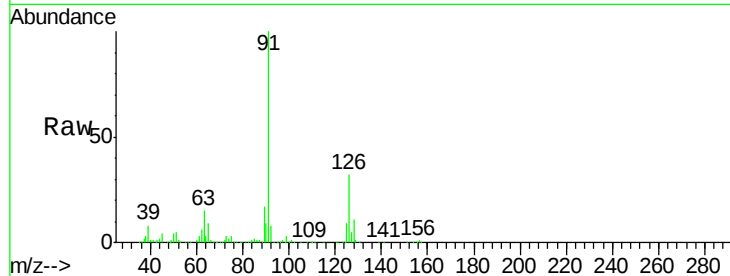
126 33.1 16.6 49.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY001323.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY001323.D (-1802) (-)

150000

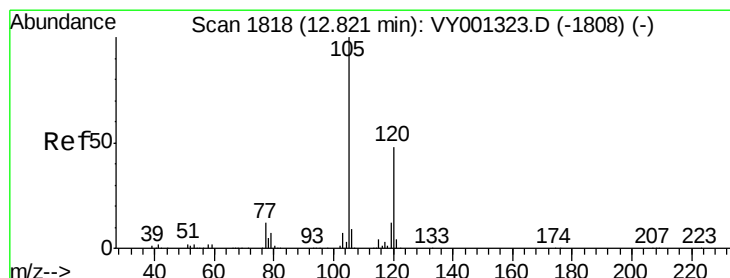
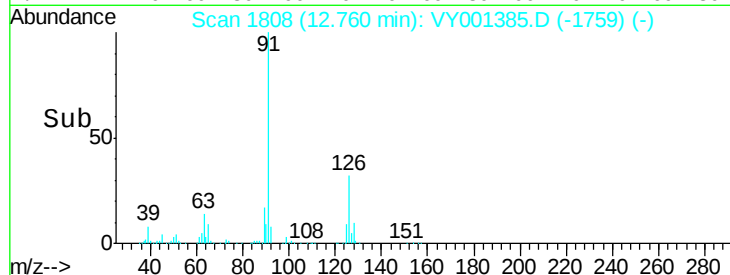
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.351 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001385.D

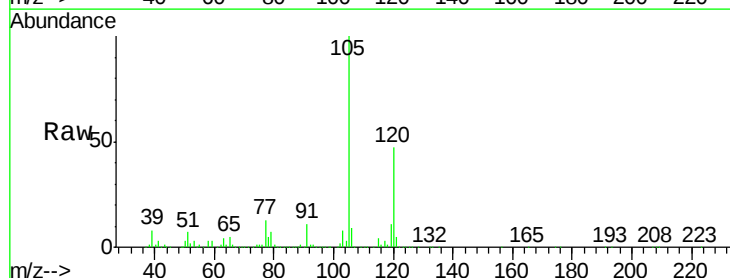
Acq: 24 Jan 2020 16:17

Tgt Ion: 105 Resp: 176331

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001323.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY001323.D (-1808) (-)

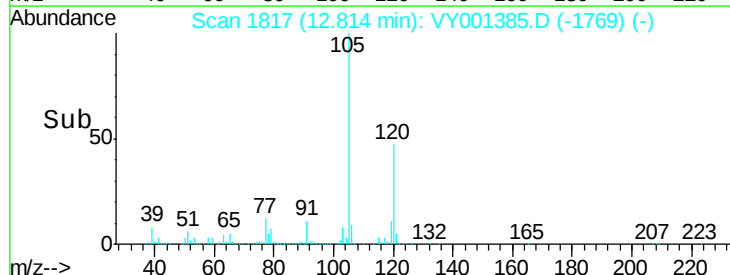
100000

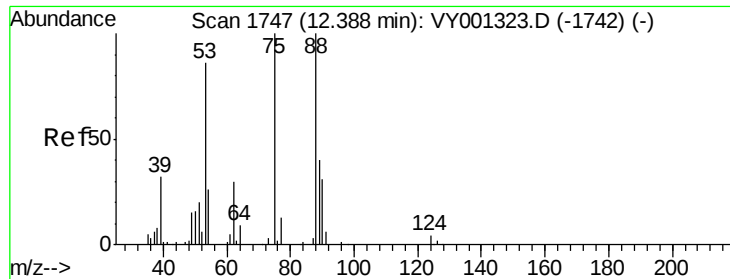
50000

0

12.80 12.81 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.353 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

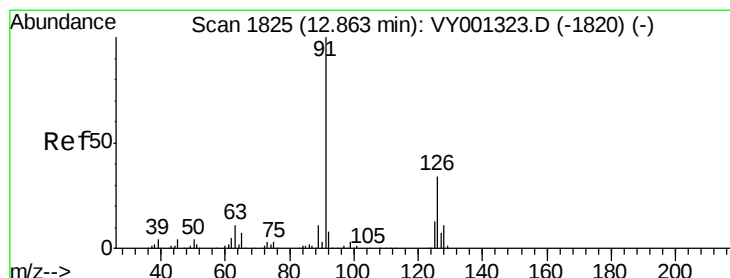
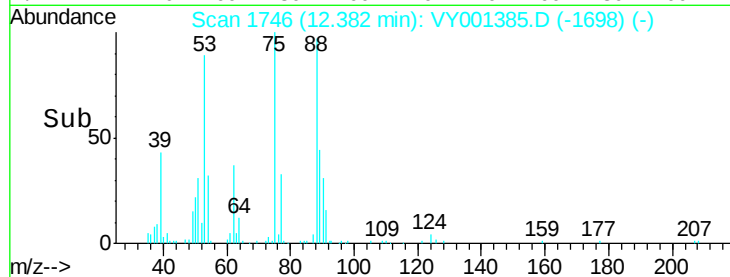
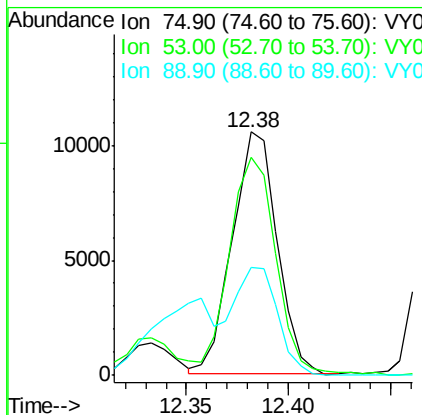
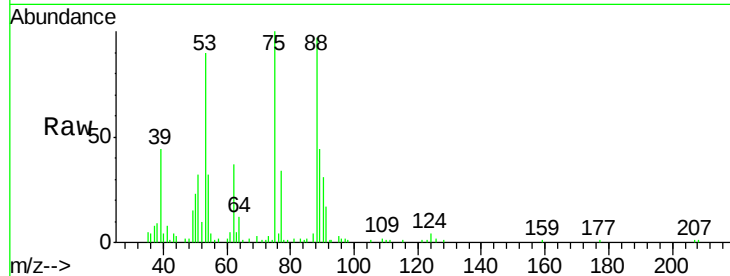
ClientSampleId :

VY0124SBS01

Tot Ion:	75	Resp:	16120
Ion	Ratio	Lower	Upper
75	100		
53	93.3	69.9	104.9
89	45.1	36.6	54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 17.720 ug/l

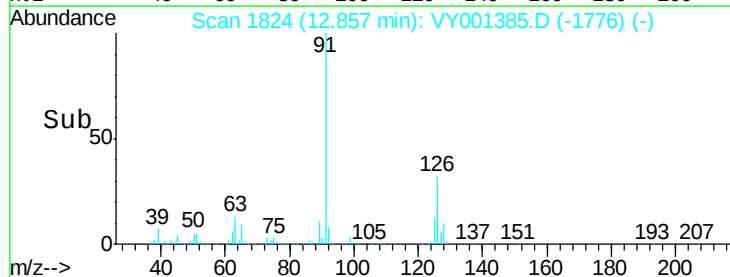
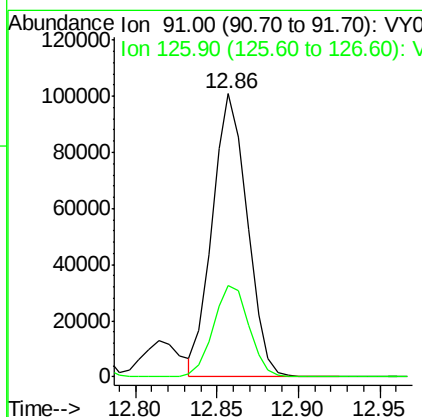
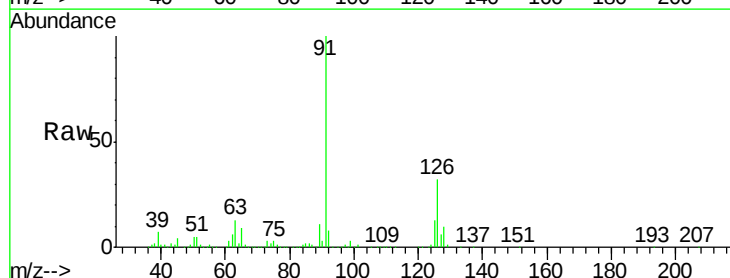
RT: 12.86 min Scan# 1824

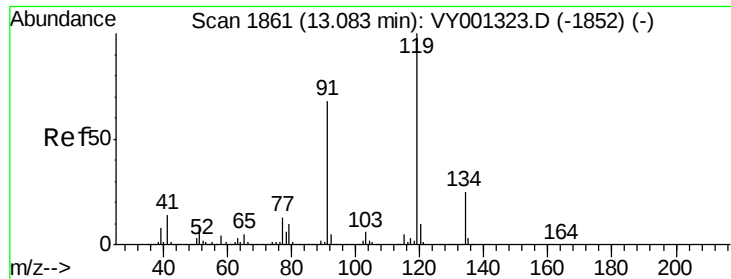
Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Tgt Ion:	91	Resp:	149824
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.4





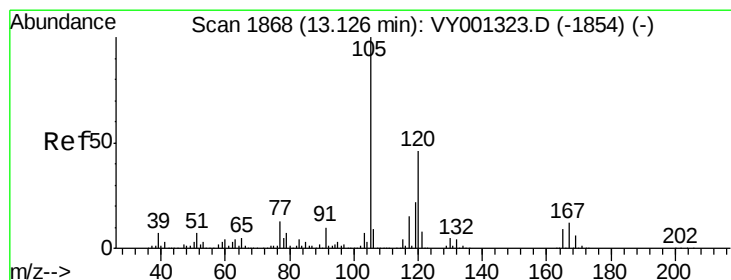
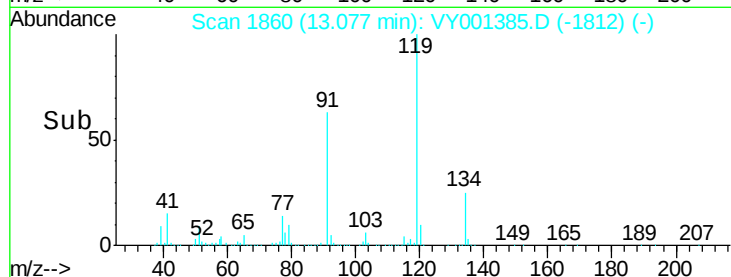
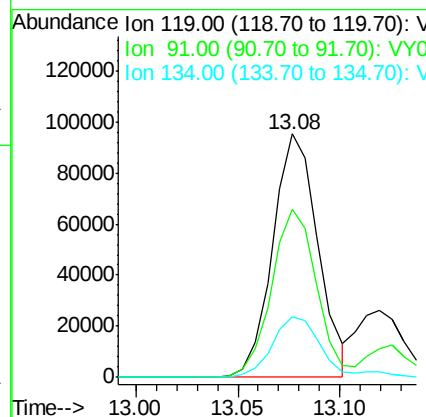
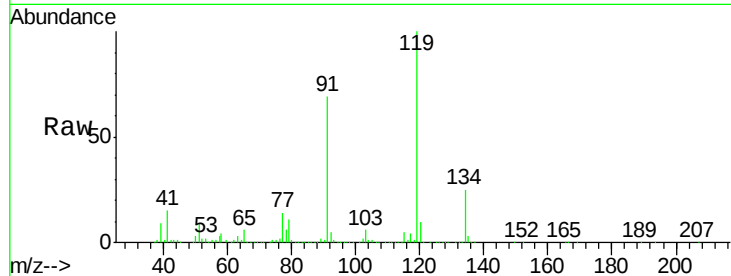
#83
tert-Butylbenzene
Concen: 18.191 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.8	33.0	99.0
134	27.4	13.3	39.9

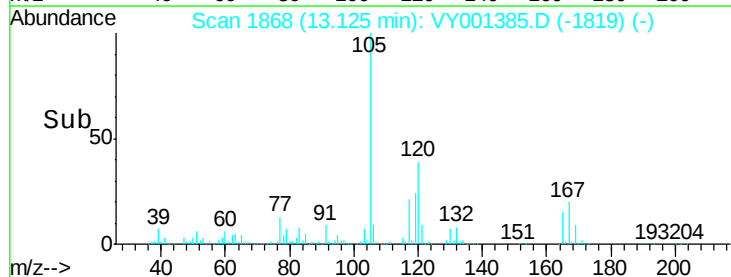
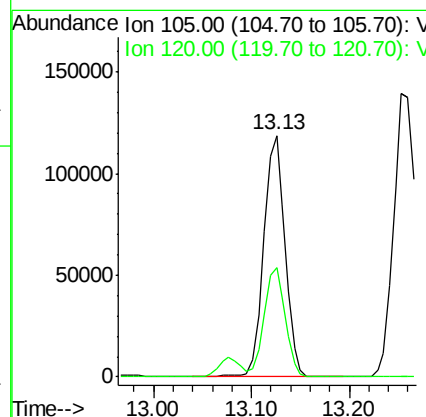
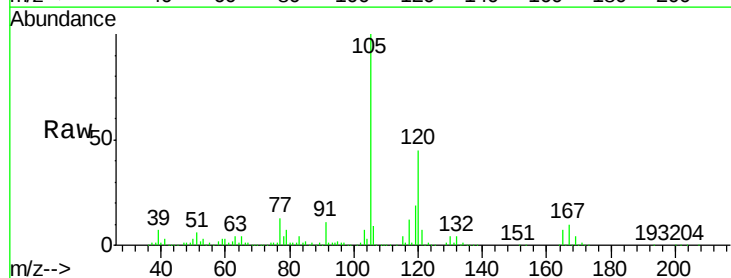
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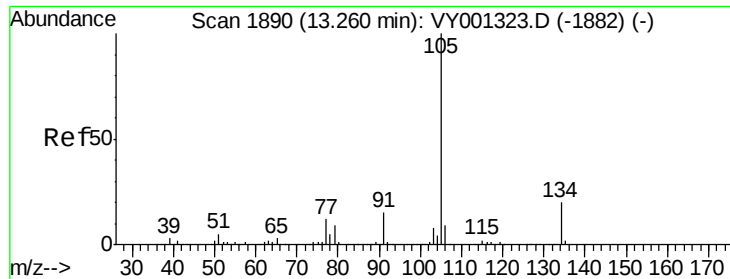
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 18.471 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.4	67.3





#85

sec-Butylbenzene

Concen: 18.790 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion:105 Resp: 216234

Ion Ratio Lower Upper

105 100

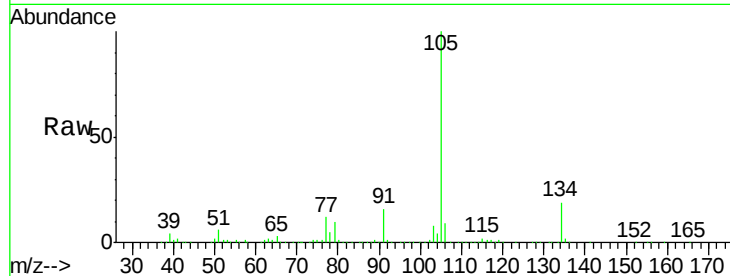
134 19.8 9.8 29.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

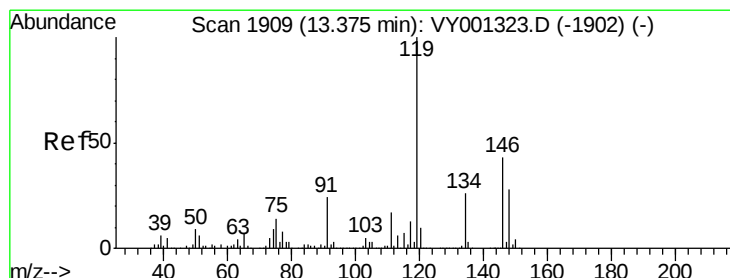
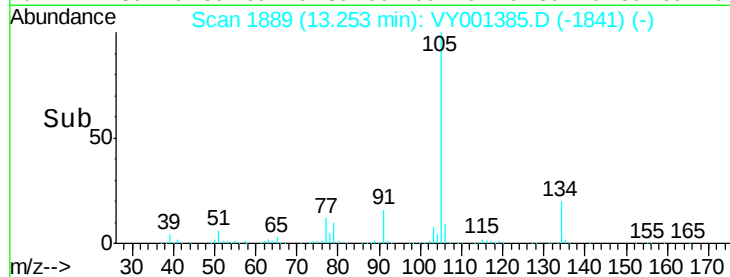
100000

50000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 18.885 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

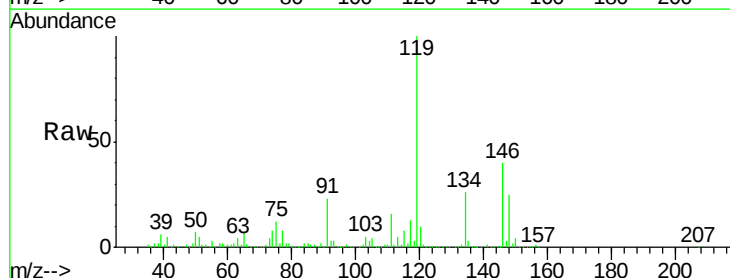
Tgt Ion:119 Resp: 191515

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 24.0 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

150000

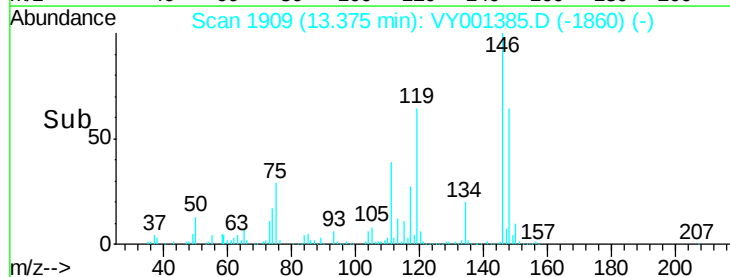
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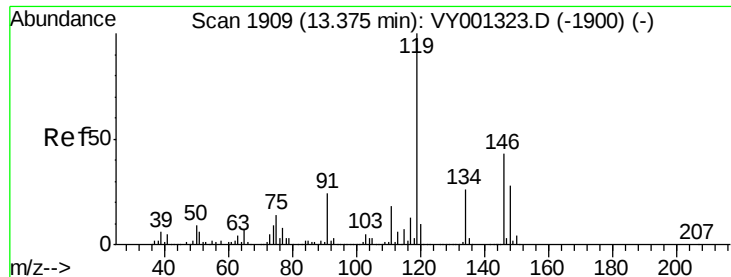
50000

0

13.30 13.35 13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.391 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Instrument :

MSVOA_Y

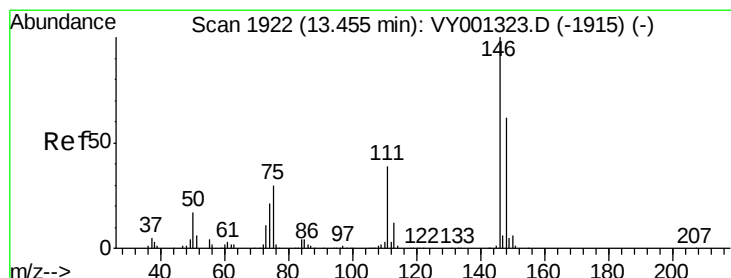
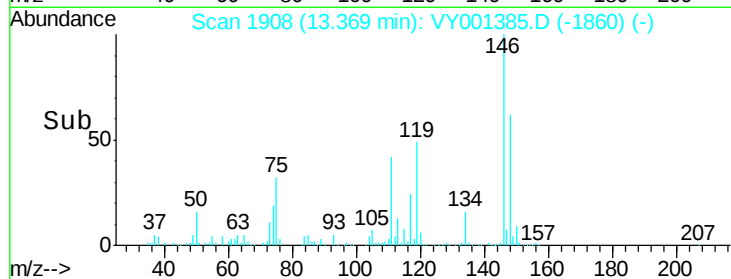
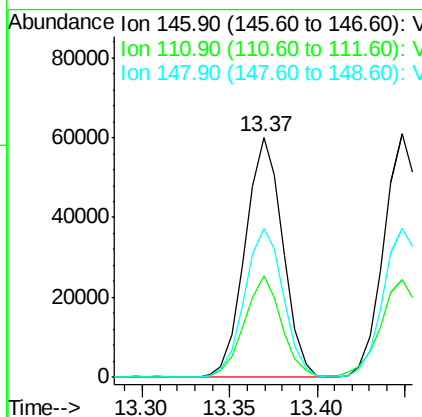
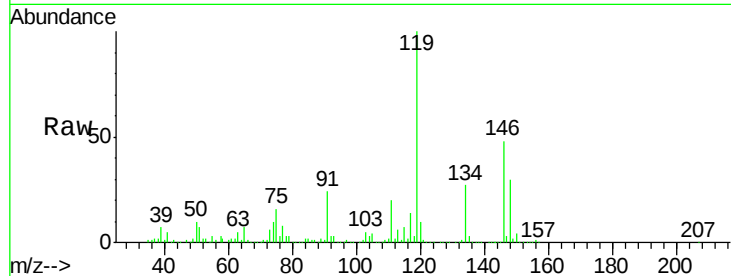
ClientSampleId :

VY0124SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.8
148	63.8	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 18.271 ug/l

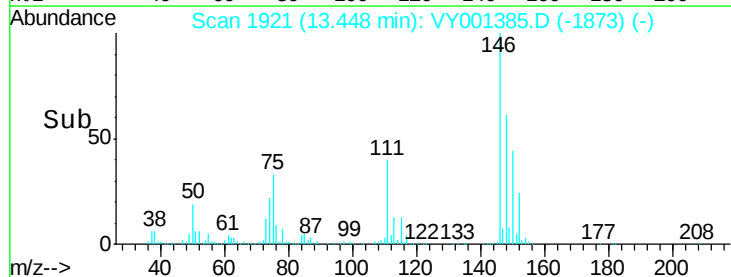
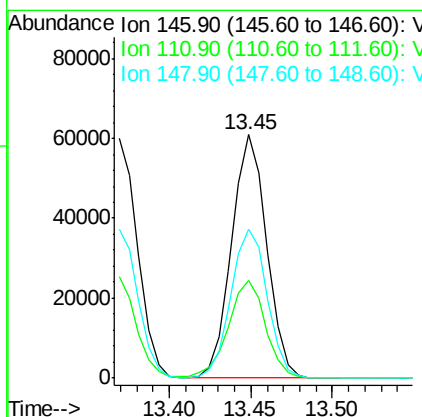
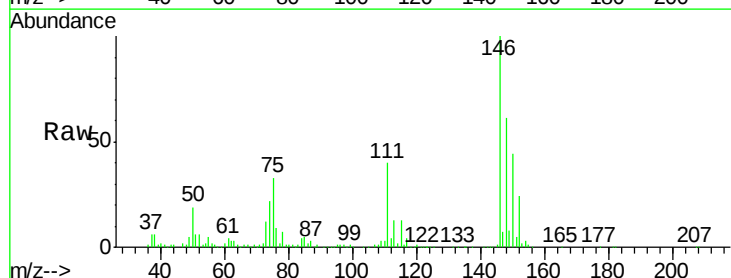
RT: 13.45 min Scan# 1921

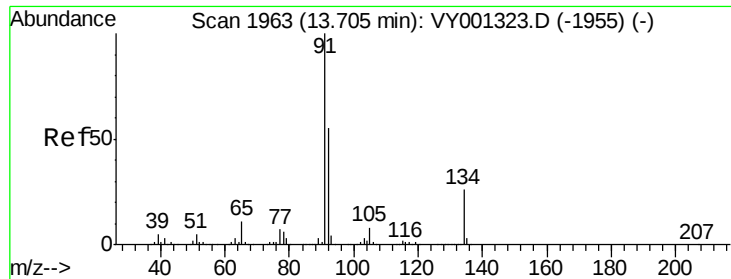
Delta R.T. -0.01 min

Lab File: VY001385.D

Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.5	61.5
148	63.6	31.6	95.0





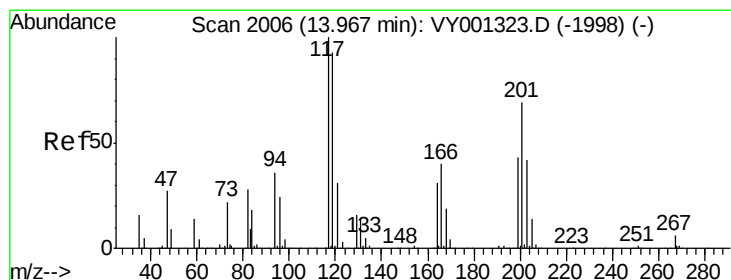
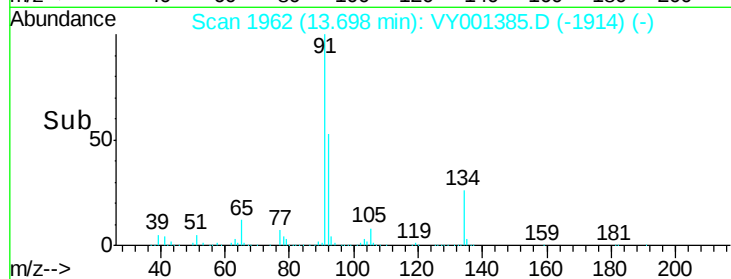
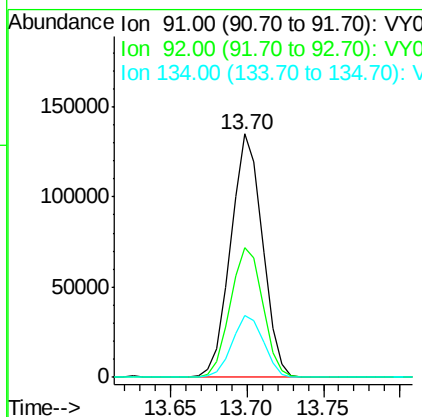
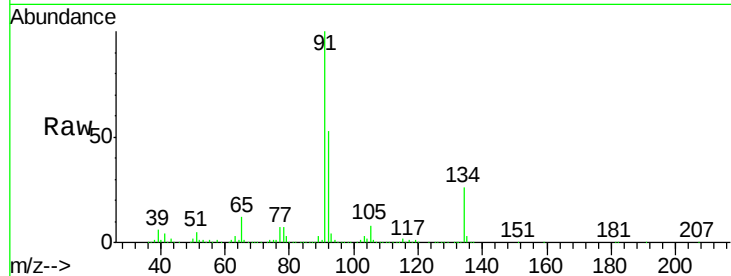
#89
n-Butylbenzene
Concen: 18.996 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	193884		
92	54.7		27.6	82.8
134	25.6		12.9	38.6

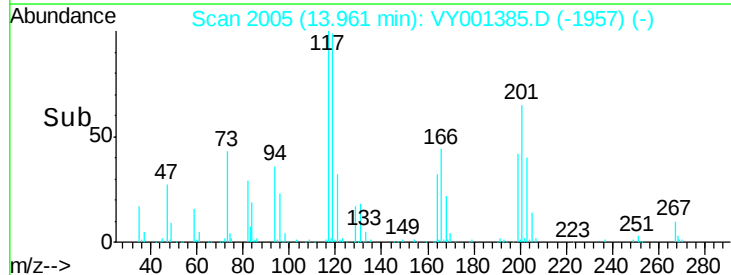
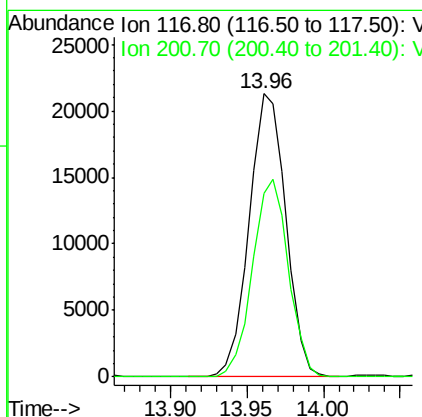
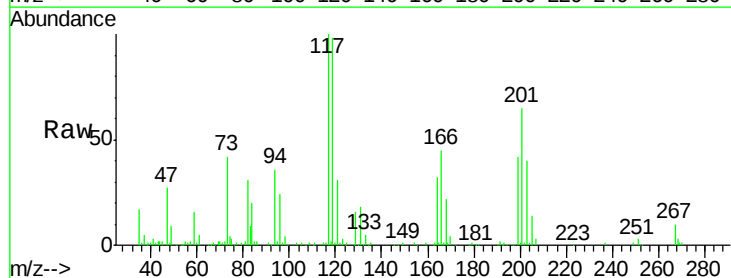
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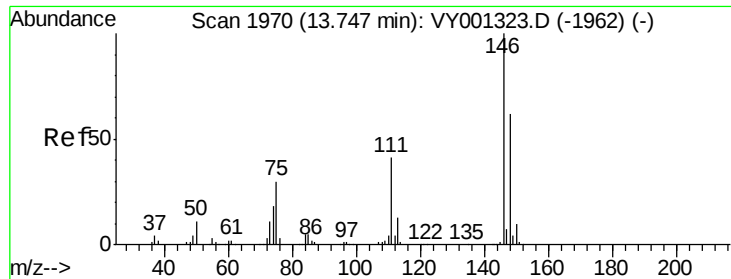
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#90
Hexachloroethane
Concen: 18.497 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35557		
201	68.5		34.6	103.8





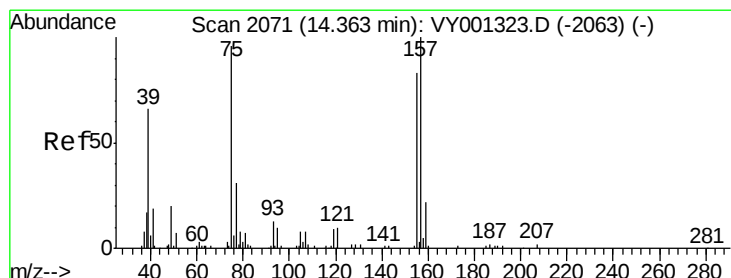
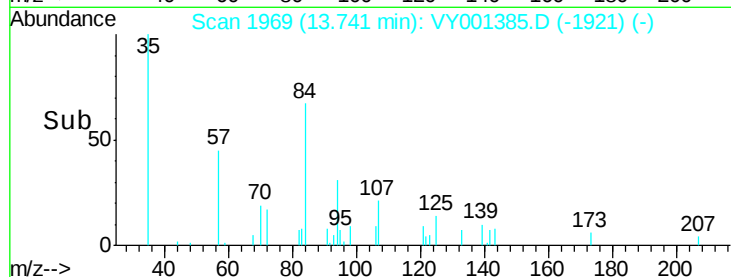
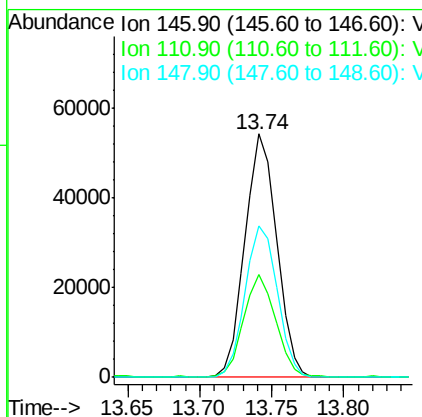
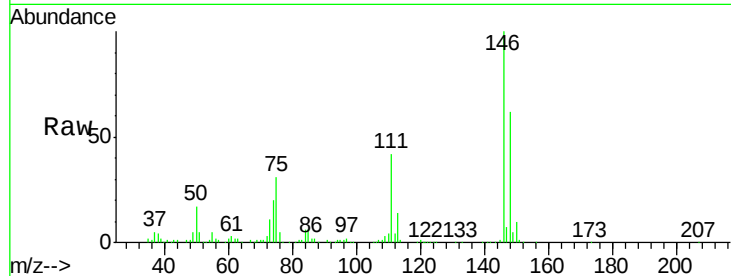
#91
 1,2-Dichlorobenzene
 Concen: 18.321 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.4
148	63.2	31.5	94.5

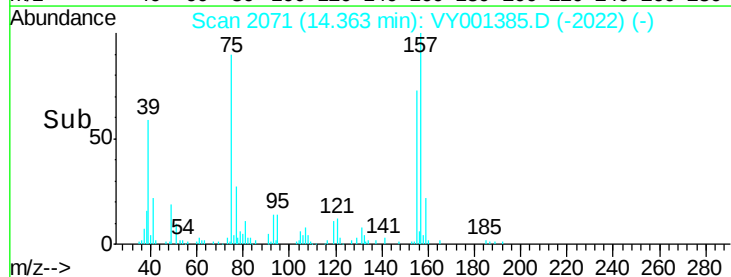
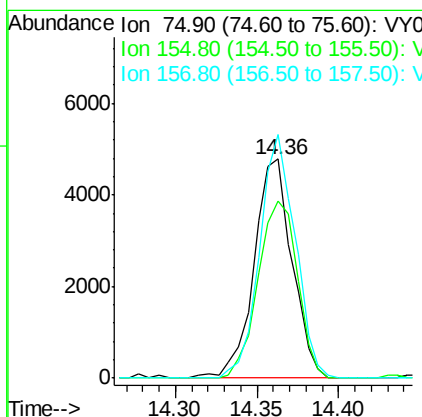
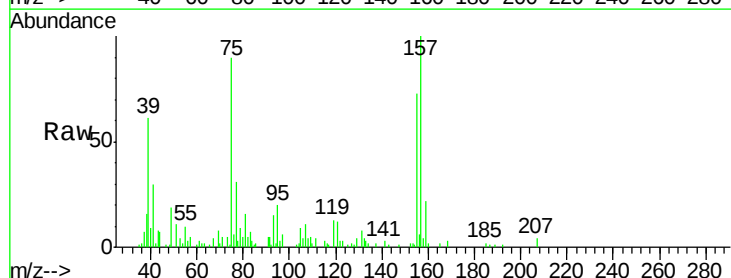
Manual Integrations
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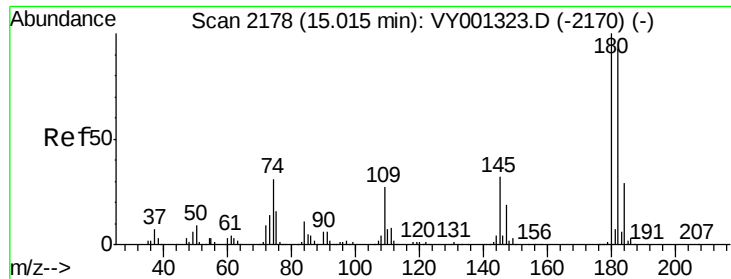
MMDadoda
 1/27/2020 12:02:12 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.177 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	43.0	129.2
157	103.5	53.3	160.0





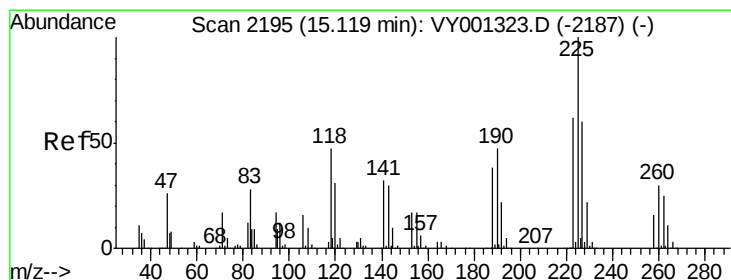
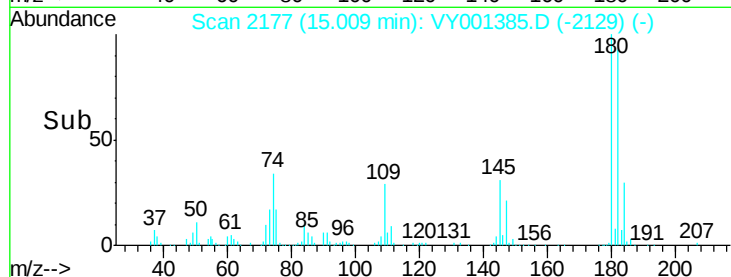
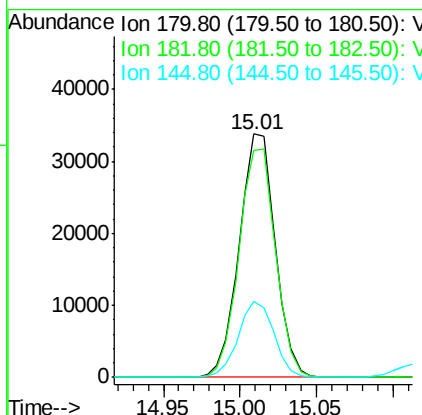
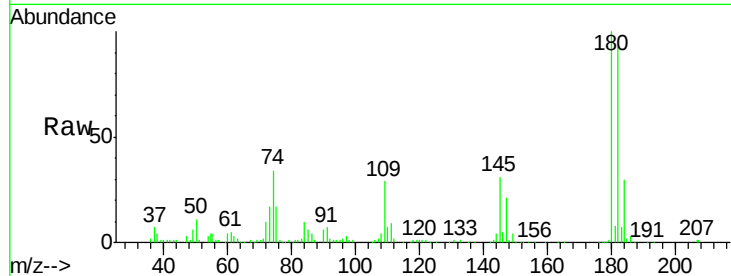
#93
 1,2,4-Trichlorobenzene
 Concen: 18.152 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.8
145	31.1	16.3	48.9

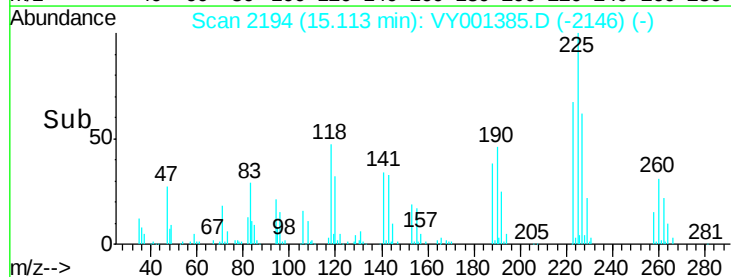
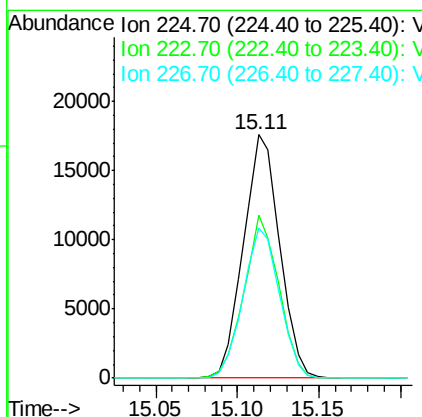
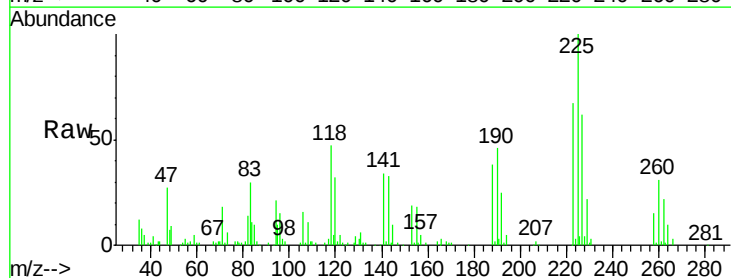
Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 12:02:12 PM



#94
 Hexachlorobutadiene
 Concen: 18.429 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY001385.D
 Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.2	93.6
227	62.0	31.0	93.0





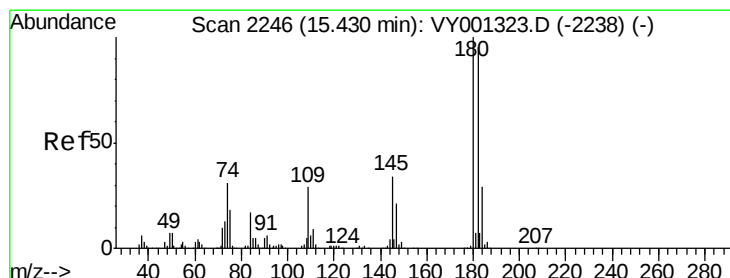
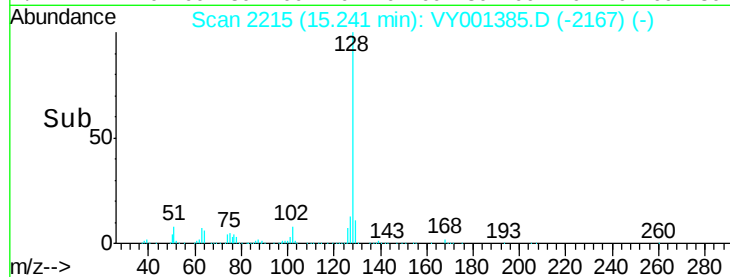
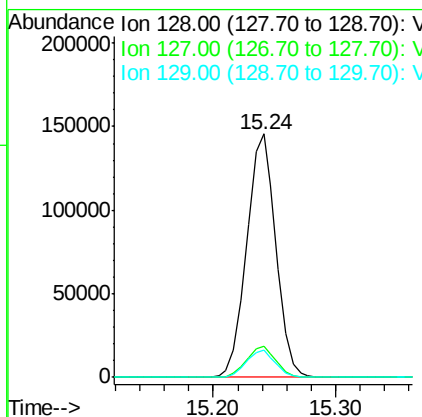
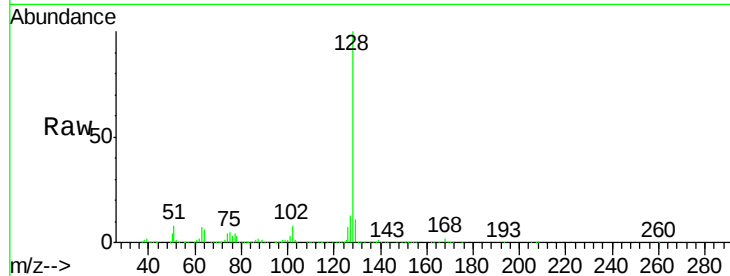
#95
Naphthalene
Concen: 34.599 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	240462		
127	12.9		10.2	15.2
129	11.2		8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 18.027 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001385.D
Acq: 24 Jan 2020 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	48065		
182	94.8		47.3	141.8
145	34.2		16.8	50.3

