

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001342.D
 Acq On : 22 Jan 2020 19:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/23/2020 10:56:34 AM

Quant Time: Jan 23 04:21:51 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	7.83	168	196153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	350180	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	310401	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	149669	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	113045	52.96	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.92%	
35) Dibromofluoromethane	7.76	113	104592	50.89	ug/l	0.01
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	10.21	98	417191	52.25	ug/l	0.02
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.50	95	158469	49.83	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	77436	50.060	ug/l	98
3) Chloromethane	2.13	50	111001	47.478	ug/l	100
4) Vinyl Chloride	2.27	62	117357	48.141	ug/l	98
5) Bromomethane	2.67	94	81146	49.425	ug/l	100
6) Chloroethane	2.82	64	76556	49.147	ug/l	96
7) Trichlorofluoromethane	3.16	101	157070	50.359	ug/l	100
8) Diethyl Ether	3.57	74	64750	49.177	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.94	101	100524	50.609	ug/l	98
10) Methyl Iodide	4.13	142	127662	48.730	ug/l	99
11) Tert butyl alcohol	5.01	59	65138	242.138	ug/l	99
12) 1,1-Dichloroethene	3.91	96	102758	49.340	ug/l	95
13) Acrolein	3.77	56	42693	270.752	ug/l	98
14) Allyl chloride	4.52	41	182926	49.253	ug/l	100
15) Acrylonitrile	5.22	53	169380	251.316	ug/l	100
16) Acetone	3.99	43	153524	273.765	ug/l	99
17) Carbon Disulfide	4.24	76	317915	48.537	ug/l	100
18) Methyl Acetate	4.52	43	84928	47.183	ug/l	100
19) Methyl tert-butyl Ether	5.27	73	302263	49.568	ug/l	99
20) Methylene Chloride	4.77	84	123779	46.681	ug/l	97
21) trans-1,2-Dichloroethene	5.27	96	117327	48.498	ug/l	99
22) Diisopropyl ether	6.17	45	387491	49.132	ug/l	95
23) Vinyl Acetate	6.11	43	1269782	248.000	ug/l	100
24) 1,1-Dichloroethane	6.07	63	206563	49.690	ug/l	99
25) 2-Butanone	7.03	43	234698	252.630	ug/l	97
26) 2,2-Dichloropropane	7.03	77	171749	46.383	ug/l	100
27) cis-1,2-Dichloroethene	7.03	96	134295	49.671	ug/l	100
28) Bromochloromethane	7.38	49	88882	51.846	ug/l	99
29) Tetrahydrofuran	7.39	42	150927	249.711	ug/l	99
30) Chloroform	7.55	83	201314	49.407	ug/l	99
31) Cyclohexane	7.82	56	195783	47.435	ug/l	97
32) 1,1,1-Trichloroethane	7.74	97	170834	49.655	ug/l	99
36) 1,1-Dichloropropene	7.96	75	159845	48.316	ug/l	99
37) Ethyl Acetate	7.12	43	99554	49.253	ug/l	99
38) Carbon Tetrachloride	7.94	117	145353	49.298	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	206735	48.780	ug/l	98
40) Benzene	8.20	78	488179	49.213	ug/l	99
41) Methacrylonitrile	7.36	41	51697m	49.563	ug/l	
42) 1,2-Dichloroethane	8.27	62	135754	48.978	ug/l	100
43) Isopropyl Acetate	8.31	43	198373	50.472	ug/l	99
44) Trichloroethene	8.97	130	123481	48.509	ug/l	99
45) 1,2-Dichloropropane	9.25	63	124470	49.636	ug/l	99
46) Dibromomethane	9.33	93	66281	49.234	ug/l	99
47) Bromodichloromethane	9.52	83	160293	49.808	ug/l	99
48) Methyl methacrylate	9.32	41	88570	49.570	ug/l	99
49) 1,4-Dioxane	9.33	88	19105	1006.337	ug/l	96
51) 4-Methyl-2-Pentanone	10.10	43	508301	251.126	ug/l	100
52) Toluene	10.27	92	305684	48.613	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	177214	49.680	ug/l	99
54) cis-1,3-Dichloropropene	9.96	75	203699	49.752	ug/l	99
55) 1,1,2-Trichloroethane	10.67	97	97737	49.187	ug/l	97
56) Ethyl methacrylate	10.53	69	150595	50.144	ug/l	99
57) 1,3-Dichloropropane	10.81	76	173483	50.120	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.81	63	250491	241.035	ug/l	99
59) 2-Hexanone	10.85	43	363484	257.953	ug/l	100
60) Dibromochloromethane	11.00	129	111437	50.143	ug/l	100
61) 1,2-Dibromoethane	11.11	107	93733	49.899	ug/l	99
64) Tetrachloroethene	10.74	164	100134	50.503	ug/l	98
65) Chlorobenzene	11.53	112	322370	49.271	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	113590	50.873	ug/l	99
67) Ethyl Benzene	11.61	91	589081	48.855	ug/l	99
68) m/p-Xylenes	11.72	106	444413	98.684	ug/l	100
69) o-Xylene	12.05	106	211189	48.748	ug/l	98
70) Styrene	12.06	104	381691	50.215	ug/l	98
71) Bromoform	12.22	173	67689	50.784	ug/l #	98
73) Isopropylbenzene	12.35	105	567858	48.082	ug/l	100
74) N-amyl acetate	12.16	43	195199	50.493	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	125352	49.560	ug/l	98
76) 1,2,3-Trichloropropane	12.65	75	92248m	51.149	ug/l	
77) Bromobenzene	12.62	156	126817	48.480	ug/l	99
78) n-propylbenzene	12.69	91	690391	48.567	ug/l	100
79) 2-Chlorotoluene	12.77	91	394989	48.639	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	478661	48.555	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	47603	49.949	ug/l	98
82) 4-Chlorotoluene	12.87	91	417065	48.080	ug/l	100
83) tert-Butylbenzene	13.09	119	406700	48.943	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	482107	48.711	ug/l	100
85) sec-Butylbenzene	13.27	105	579800	49.109	ug/l	99
86) p-Isopropyltoluene	13.38	119	507016	48.732	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	242798	48.195	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	248401	48.562	ug/l	99
89) n-Butylbenzene	13.70	91	510173	48.723	ug/l	99
90) Hexachloroethane	13.97	117	97785	49.583	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	227248	48.912	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	21547	49.369	ug/l	97

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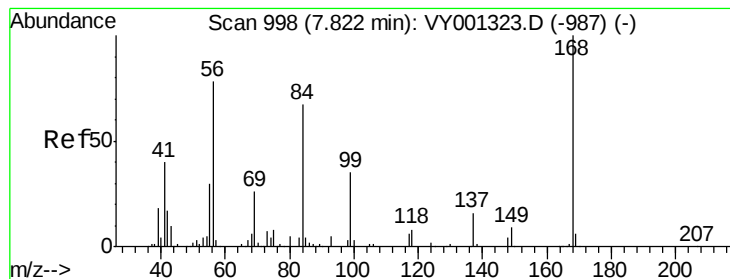
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	149446	47.926	ug/l	99
94) Hexachlorobutadiene	15.12	225	72735	47.904	ug/l	99
95) Naphthalene	15.25	128	354684	49.743	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	131873	48.210	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 196153

Ion Ratio Lower Upper

168 100

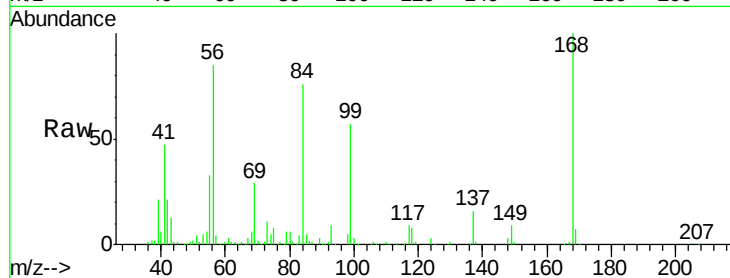
99 56.5 44.3 66.5

Manual Integrations

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1/23/2020 10:56:34 AM

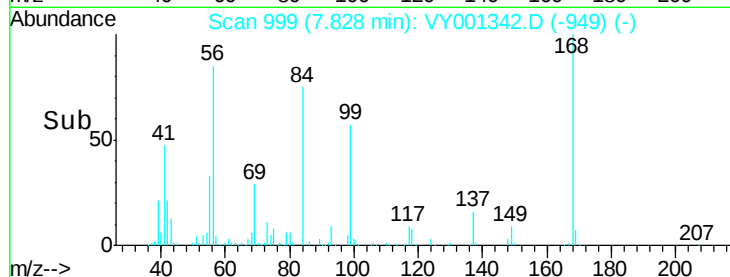


Abundance Ion 167.90 (167.60 to 168.60): VY001342.D (-949) (-)

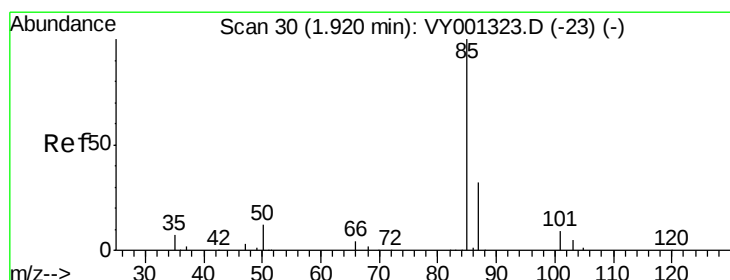
Ion 98.90 (98.60 to 99.60): VY001342.D (-949) (-)

7.83

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 50.060 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY001342.D

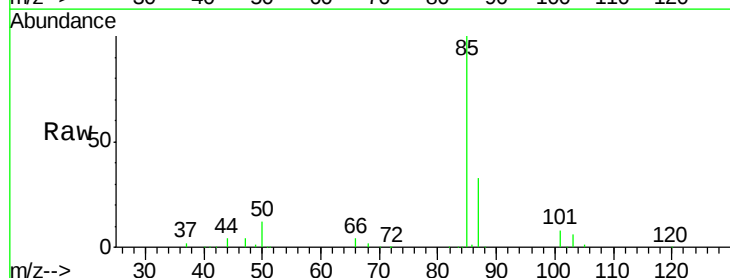
Acq: 22 Jan 2020 19:27

Tgt Ion: 85 Resp: 77436

Ion Ratio Lower Upper

85 100

87 33.3 16.0 48.0

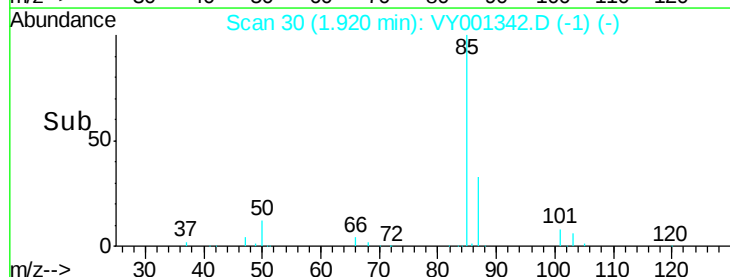


Abundance Ion 84.90 (84.60 to 85.60): VY001342.D (-1) (-)

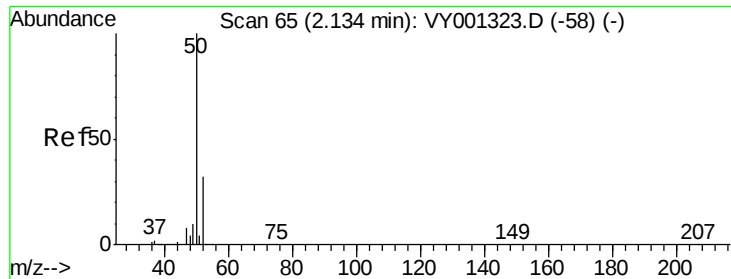
Ion 86.90 (86.60 to 87.60): VY001342.D (-1) (-)

1.92

Time-->



Time-->



#3

Chloromethane

Concen: 47.478 ug/l

RT: 2.13 min Scan# 65

Delta R.T. -0.00 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 111001

Ion Ratio Lower Upper

50 100

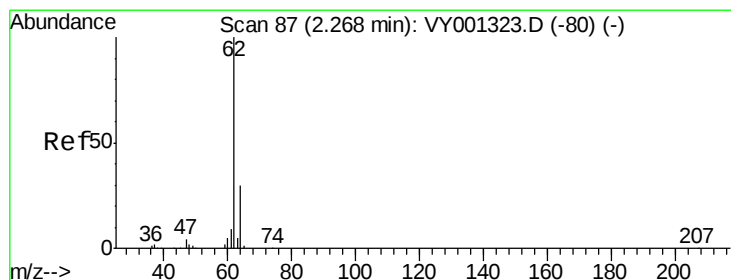
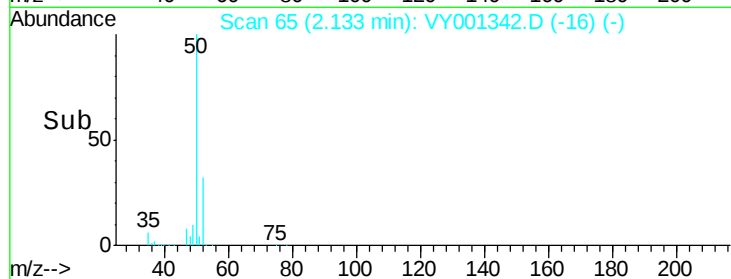
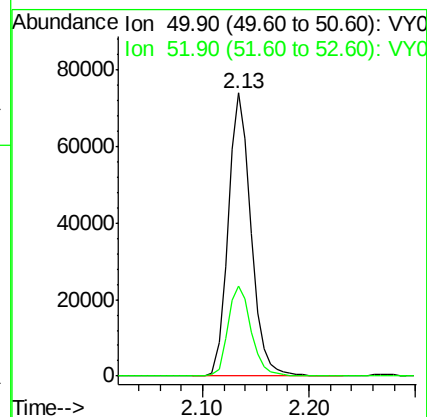
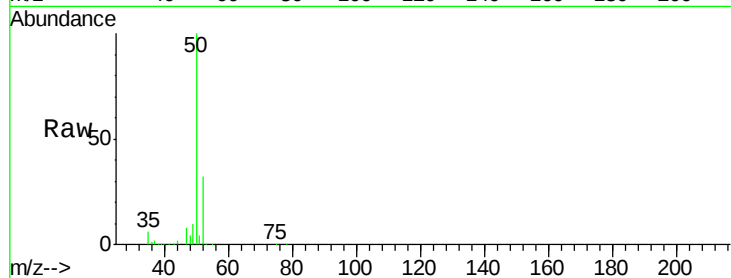
52 31.9 25.7 38.5

Manual Integrations

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1/23/2020 10:56:34 AM



#4

Vinyl Chloride

Concen: 48.141 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001342.D

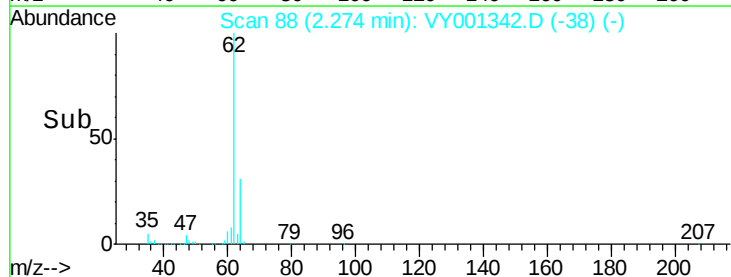
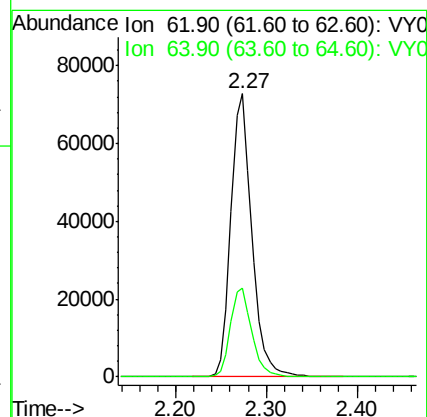
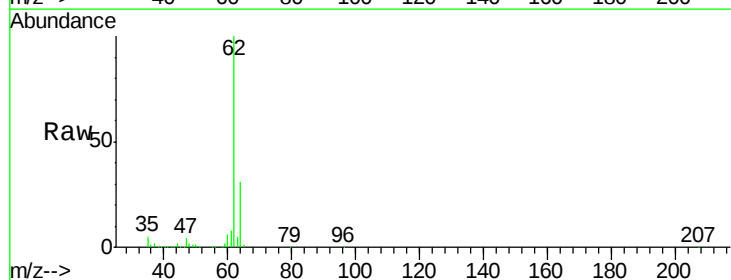
Acq: 22 Jan 2020 19:27

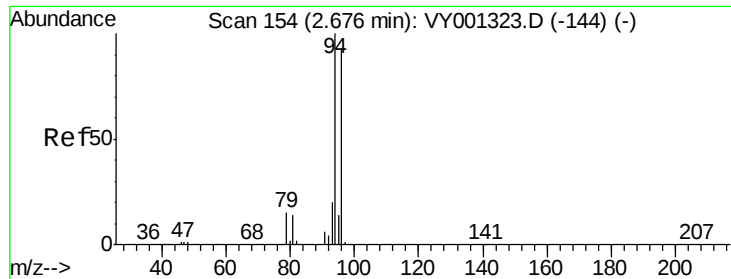
Tgt Ion: 62 Resp: 117357

Ion Ratio Lower Upper

62 100

64 31.2 23.9 35.9





#5

Bromomethane

Concen: 49.425 ug/l

RT: 2.67 min Scan# 153

Delta R.T. -0.01 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

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Tot Ion: 94 Resp: 81146

Ion Ratio Lower Upper

94 100

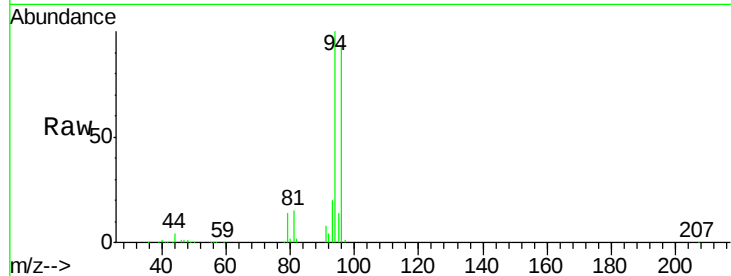
96 93.1 74.6 111.8

Manual Integrations

APPROVED

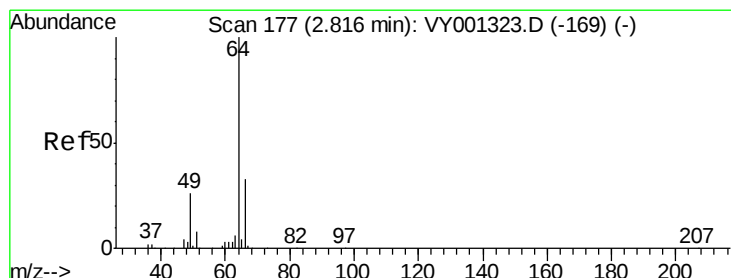
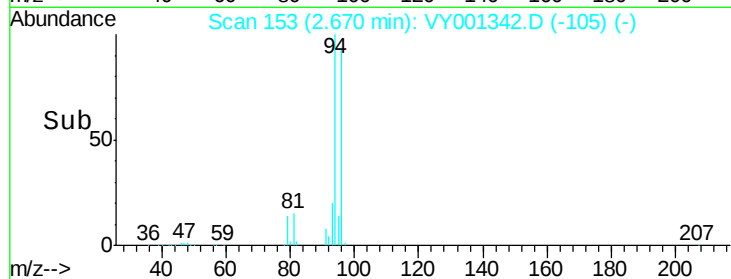
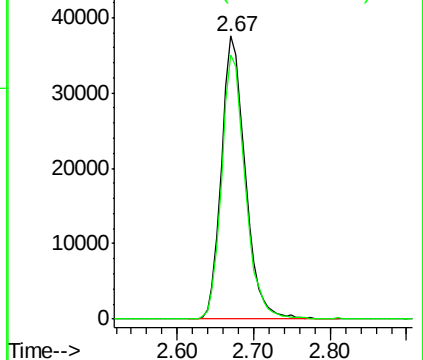
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 49.147 ug/l

RT: 2.82 min Scan# 177

Delta R.T. -0.00 min

Lab File: VY001342.D

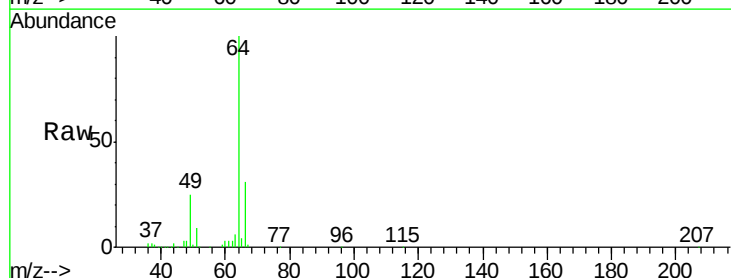
Acq: 22 Jan 2020 19:27

Tgt Ion: 64 Resp: 76556

Ion Ratio Lower Upper

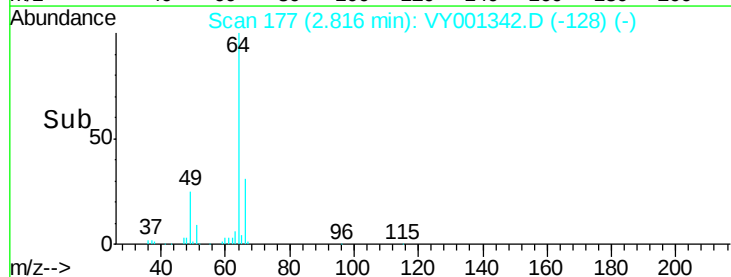
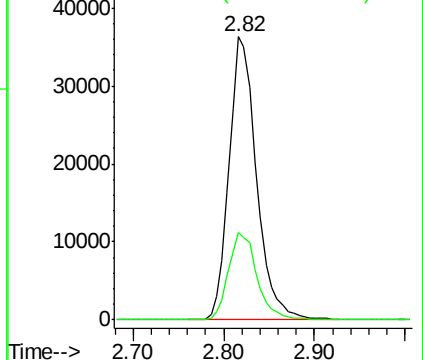
64 100

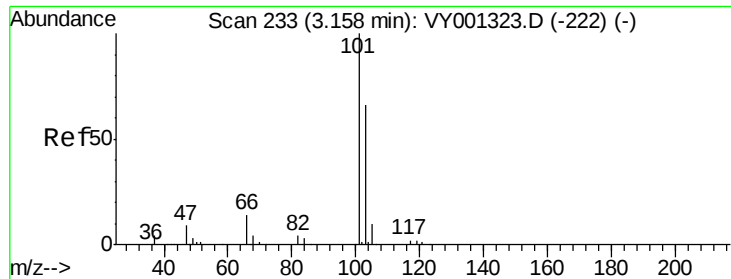
66 31.1 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

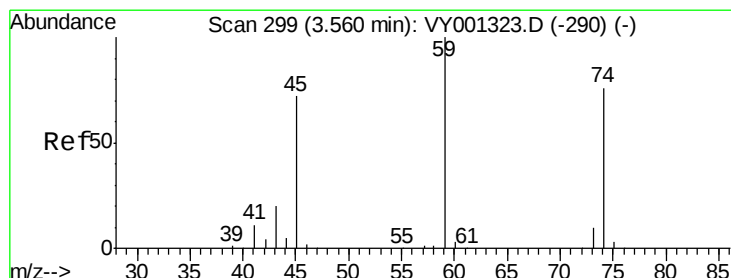
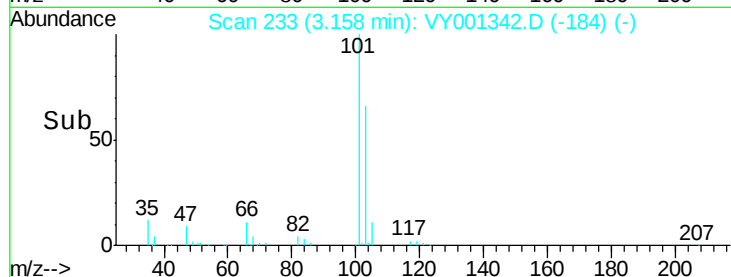
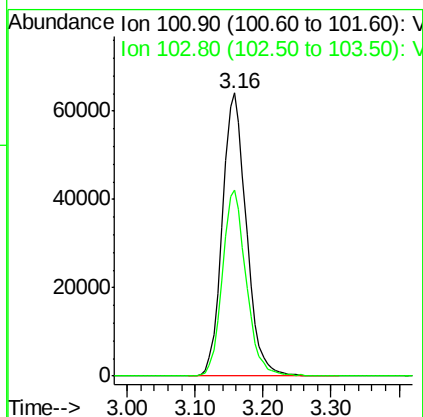
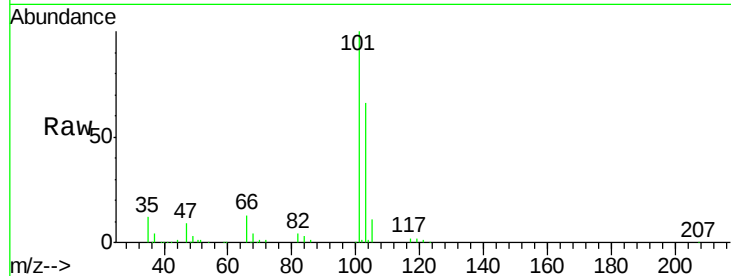
Trichlorofluoromethane
Concen: 50.359 ug/l
RT: 3.16 min Scan# 233
Delta R.T. -0.00 min
Lab File: VY001342.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.5	78.7

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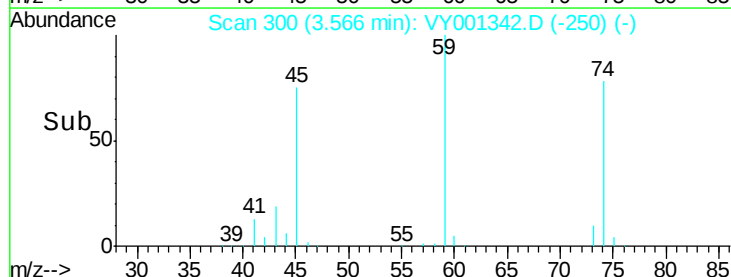
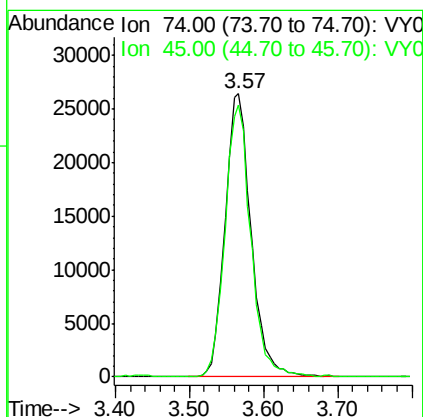
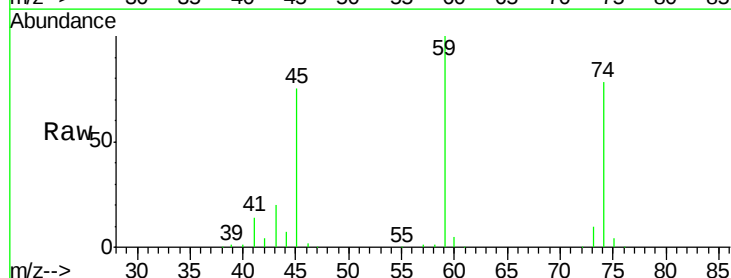
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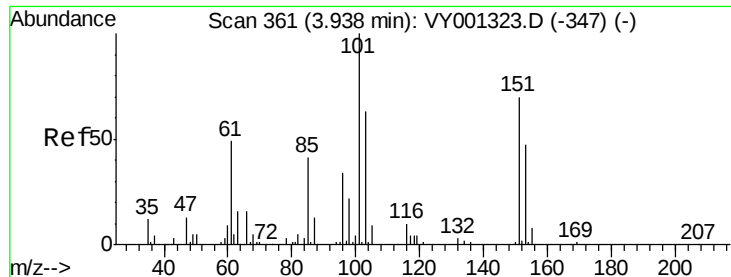


#8

Diethyl Ether
Concen: 49.177 ug/l
RT: 3.57 min Scan# 300
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.2	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.609 ug/l

RT: 3.94 min Scan# 361

Delta R.T. -0.00 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Instrument :

MSVOA_Y

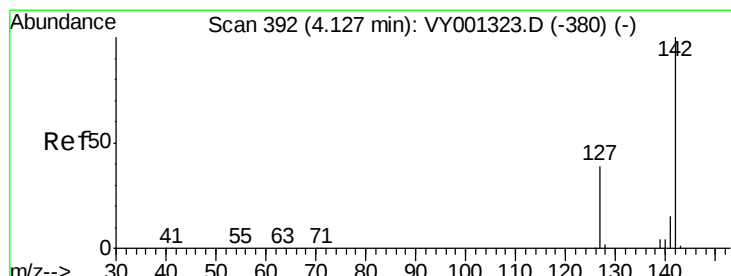
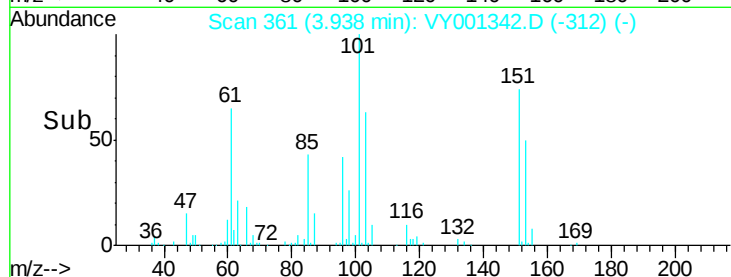
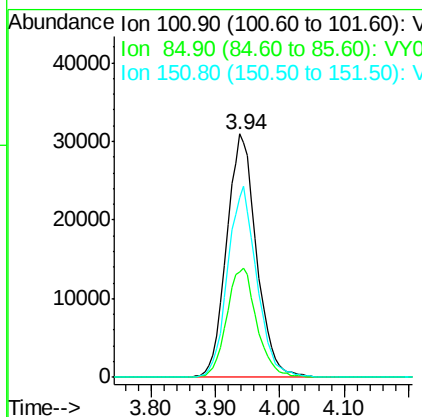
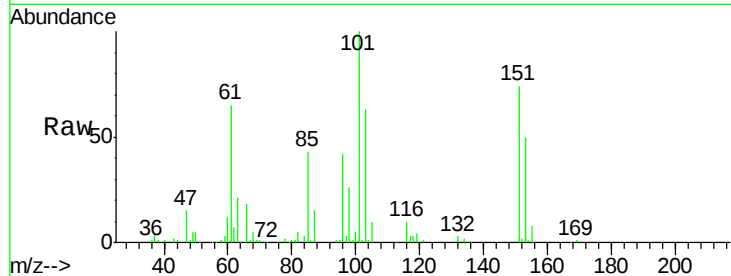
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	100524
Ion Ratio	Lower	Upper	
101	100		
85	45.1	34.9	52.3
151	76.3	59.9	89.9

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#10

Methyl Iodide

Concen: 48.730 ug/l

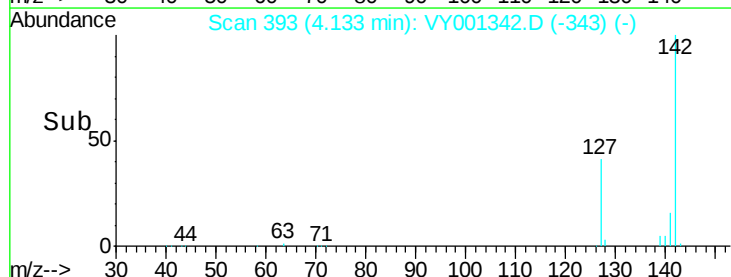
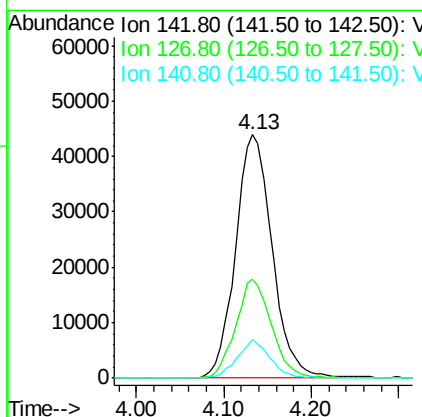
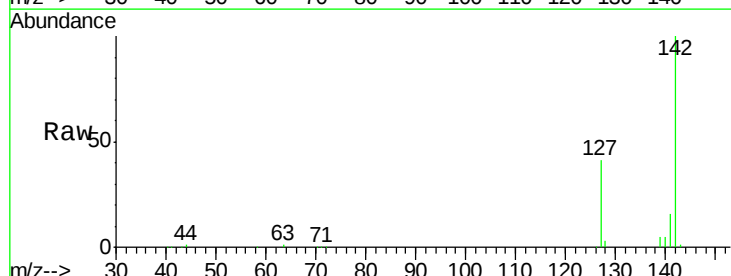
RT: 4.13 min Scan# 393

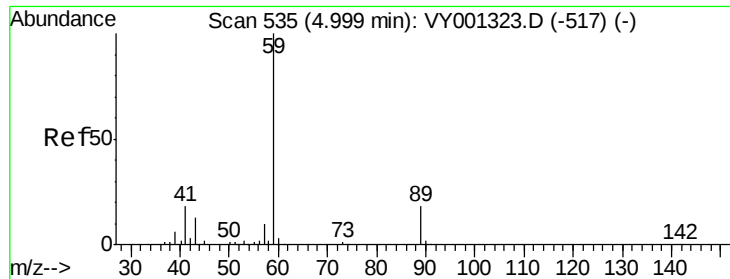
Delta R.T. 0.01 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Tgt Ion:	142	Resp:	127662
Ion Ratio	Lower	Upper	
142	100		
127	39.9	31.6	47.4
141	14.1	11.2	16.8





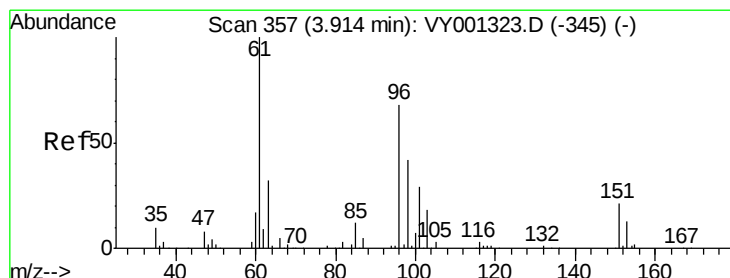
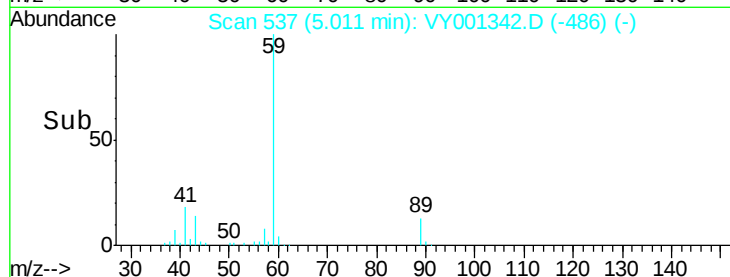
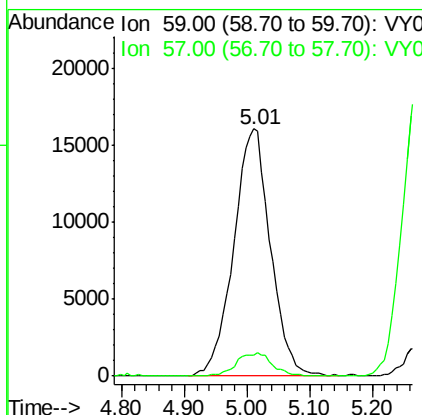
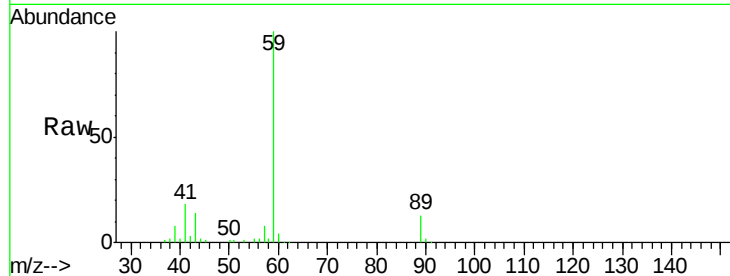
#11
Tert butyl alcohol
Concen: 242.138 ug/l
RT: 5.01 min Scan# 537
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.1	7.4	11.2

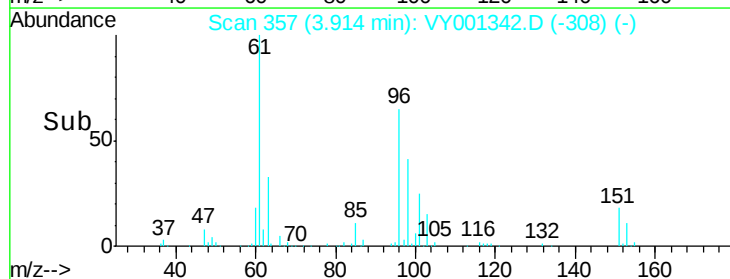
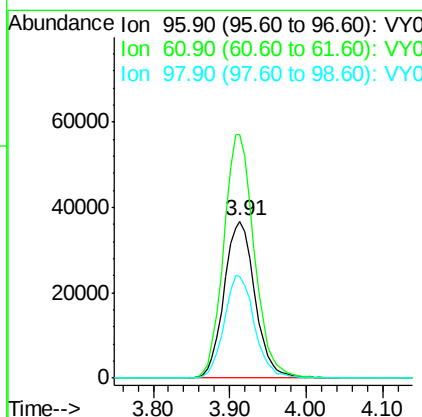
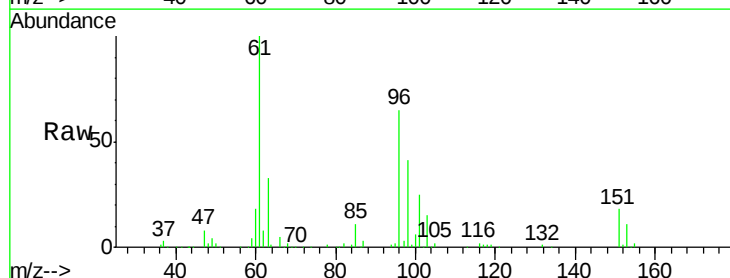
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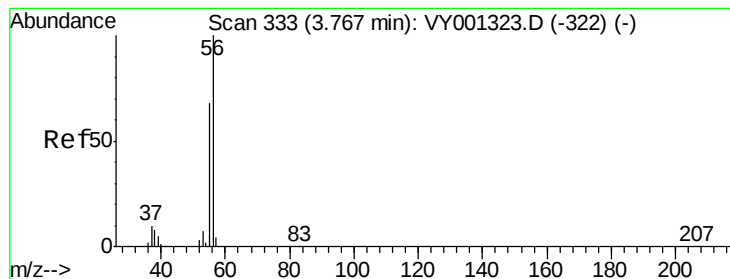
MMDadoda
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#12
1,1-Dichloroethene
Concen: 49.340 ug/l
RT: 3.91 min Scan# 357
Delta R.T. -0.00 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.9	118.0	177.0
98	64.3	49.4	74.2





#13

Acrolein

Concen: 270.752 ug/l

RT: 3.77 min Scan# 333

Delta R.T. -0.00 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 42693

Ion Ratio Lower Upper

56 100

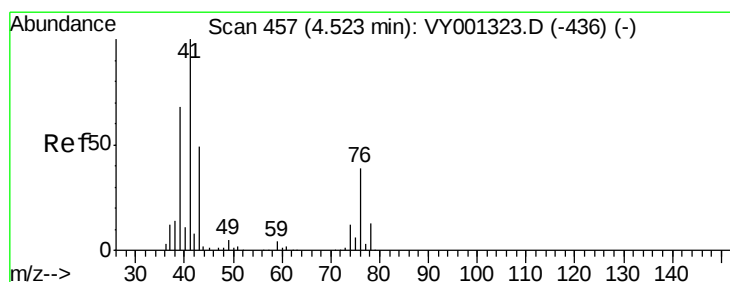
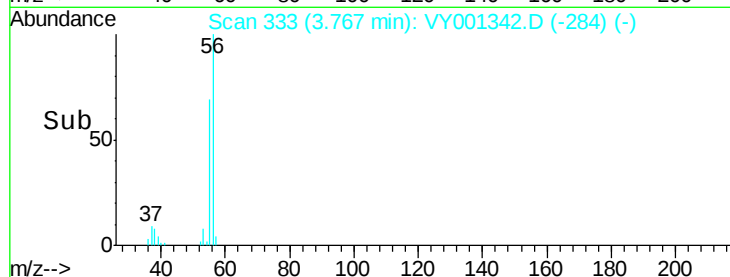
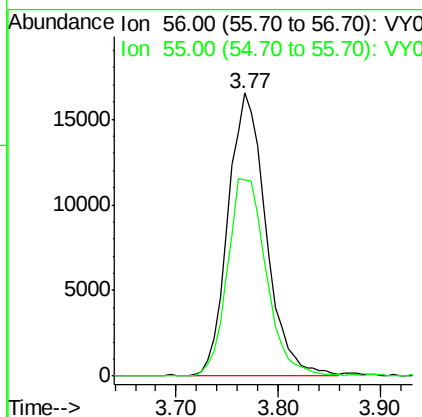
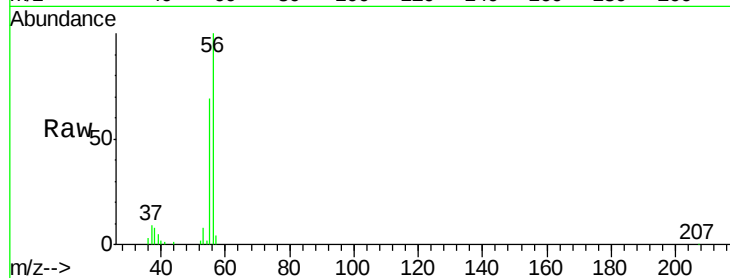
55 71.4 55.9 83.9

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#14

Allyl chloride

Concen: 49.253 ug/l

RT: 4.52 min Scan# 457

Delta R.T. -0.00 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

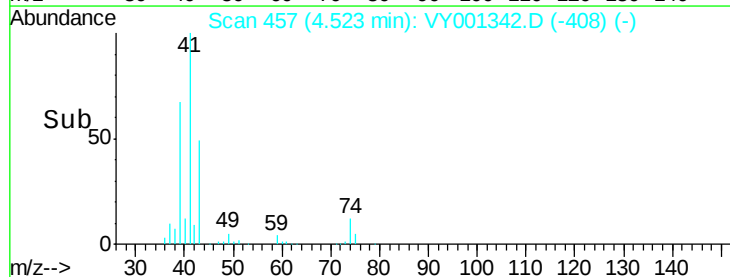
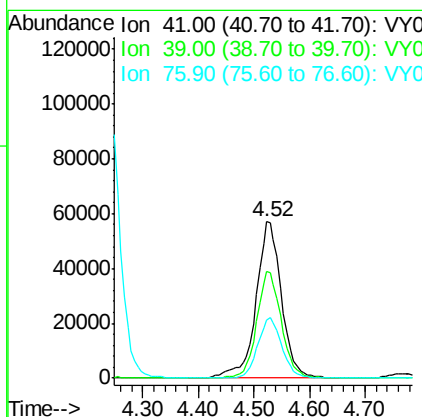
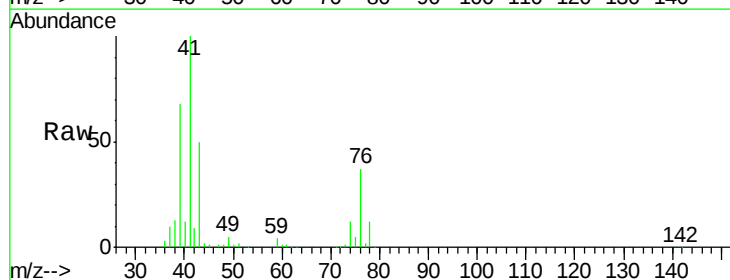
Tgt Ion: 41 Resp: 182926

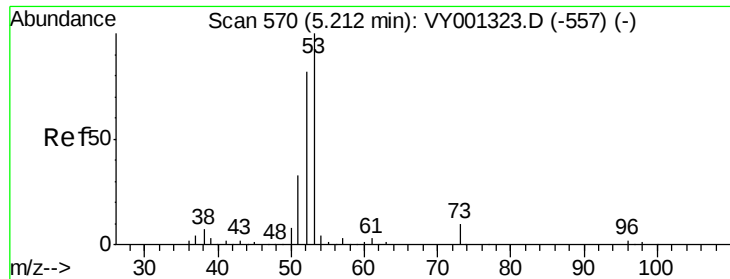
Ion Ratio Lower Upper

41 100

39 65.5 52.2 78.4

76 36.3 29.1 43.7





#15

Acrylonitrile

Concen: 251.316 ug/l

RT: 5.22 min Scan# 571

Delta R.T. 0.01 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Instrument :

MSVOA_Y

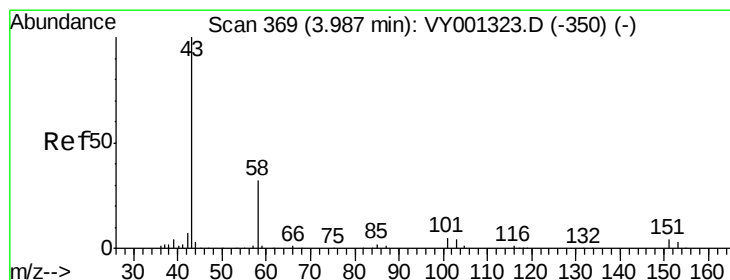
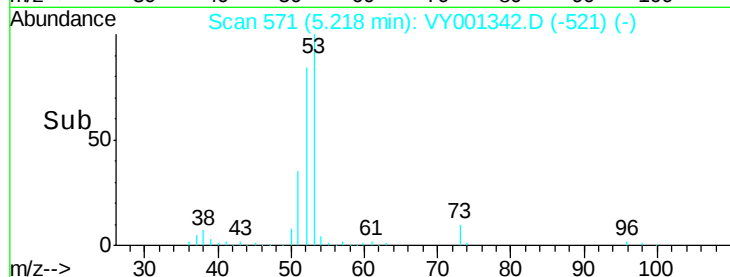
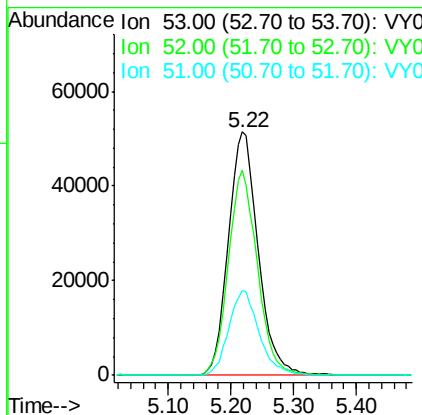
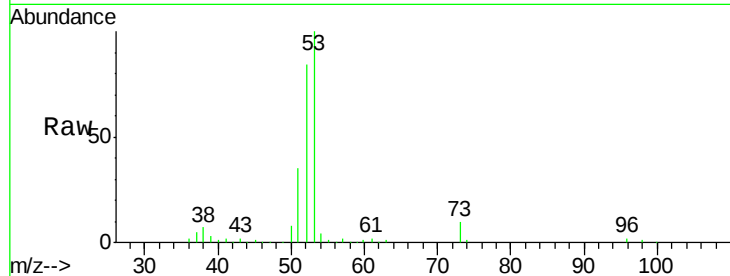
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	169380
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.3	97.9
51	35.4	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 273.765 ug/l

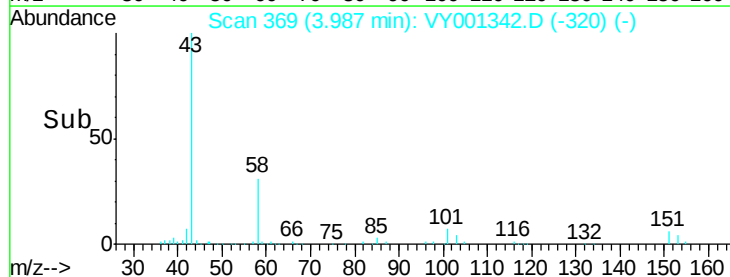
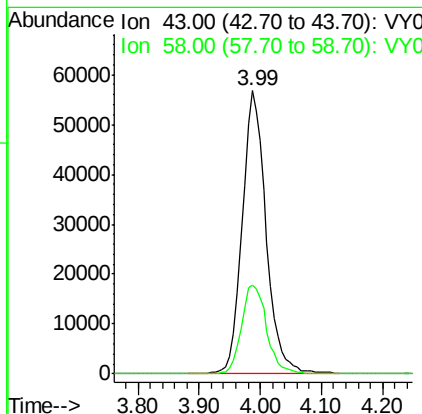
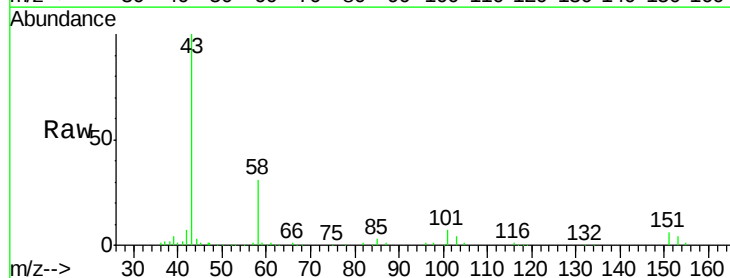
RT: 3.99 min Scan# 369

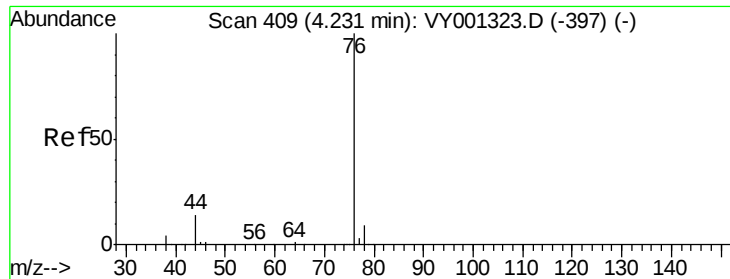
Delta R.T. -0.00 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Tgt Ion:	43	Resp:	153524
Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.4	38.0





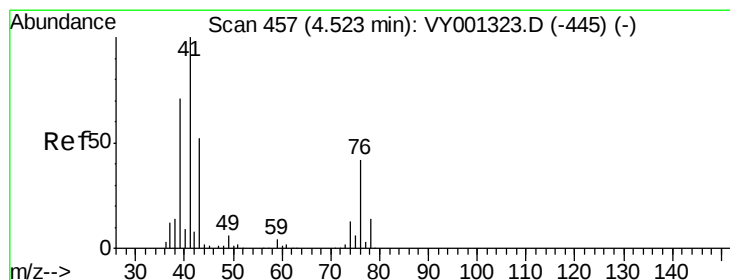
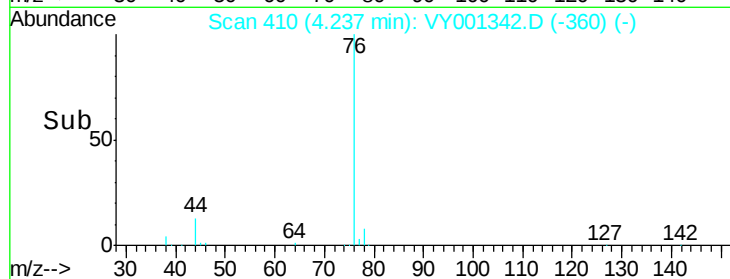
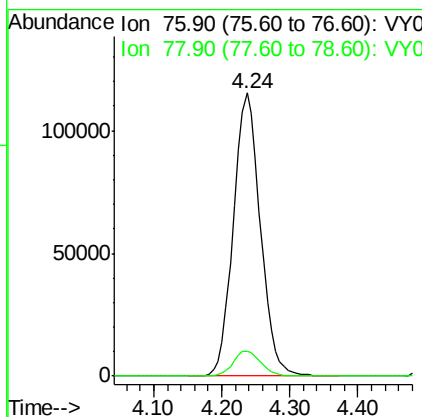
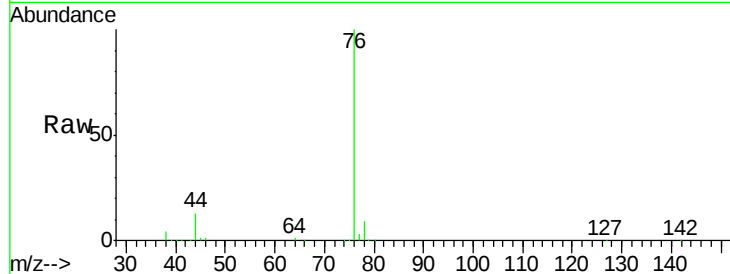
#17
Carbon Disulfide
Concen: 48.537 ug/l
RT: 4.24 min Scan# 410
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

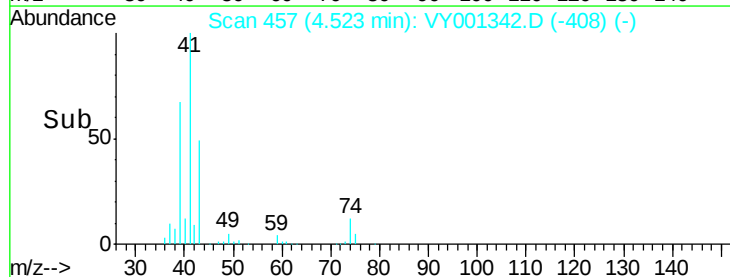
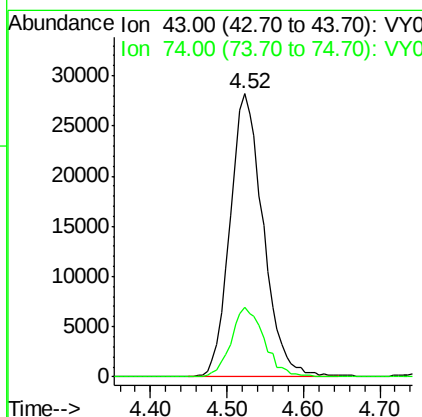
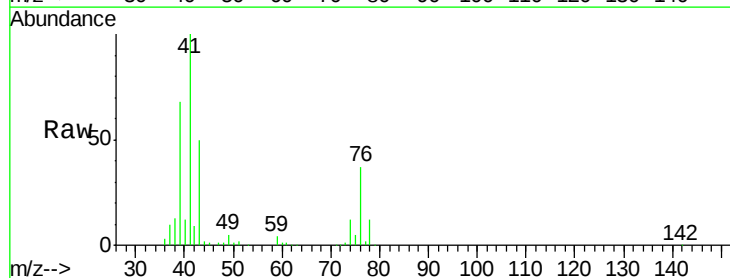
Manual Integrations
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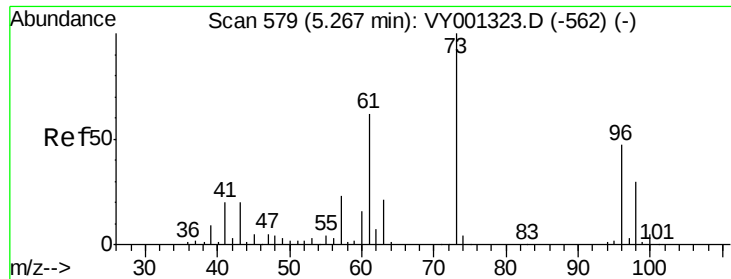
MMDadoda
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#18
Methyl Acetate
Concen: 47.183 ug/l
RT: 4.52 min Scan# 457
Delta R.T. -0.00 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.4	29.2





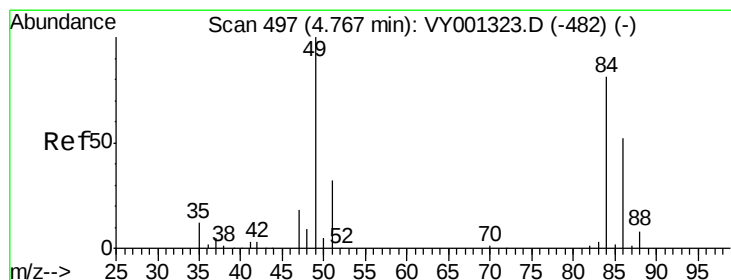
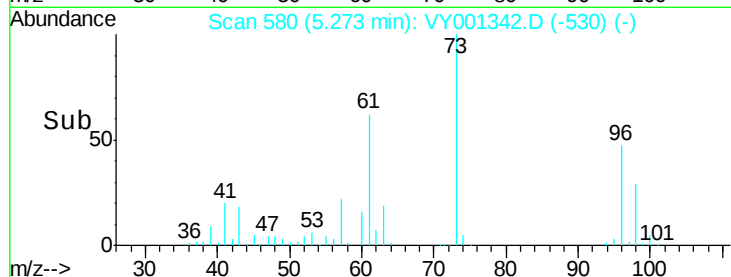
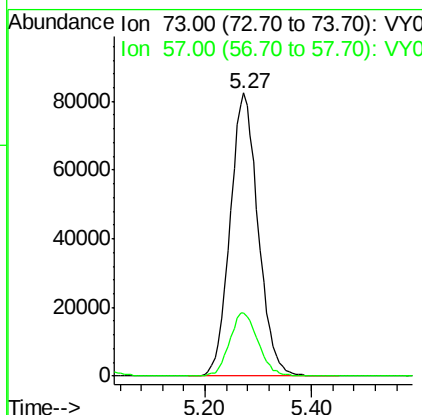
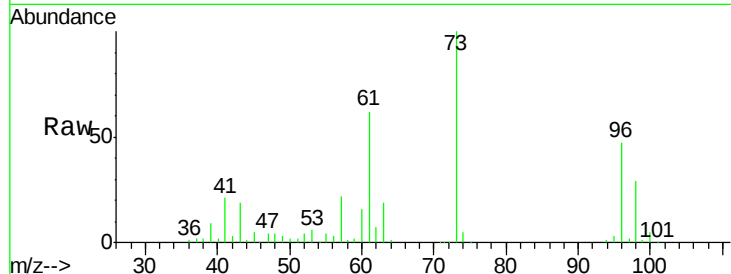
#19
Methvl tert-butvl Ether
Concen: 49.568 ug/l
RT: 5.27 min Scan# 580
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 302263
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.2

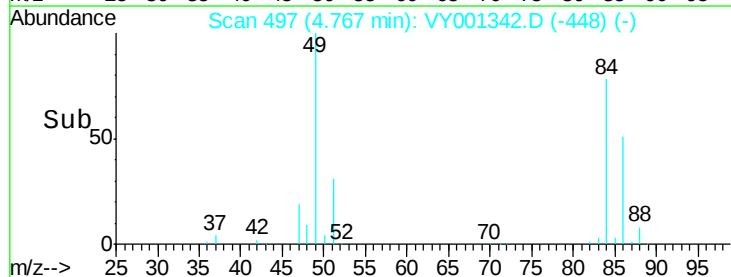
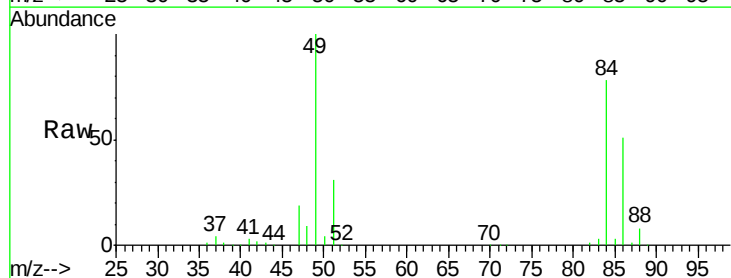
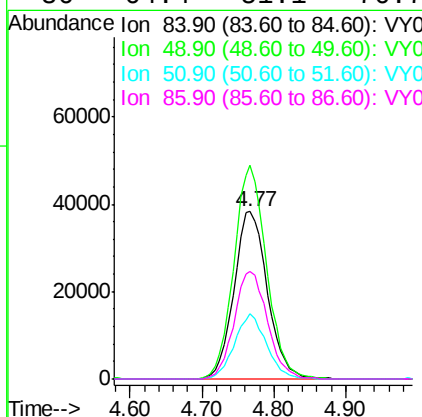
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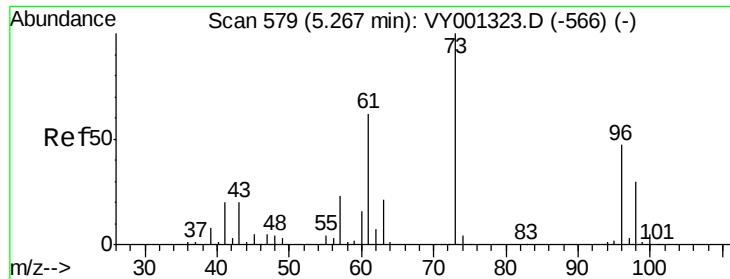
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#20
Methylene Chloride
Concen: 46.681 ug/l
RT: 4.77 min Scan# 497
Delta R.T. -0.00 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion: 84 Resp: 123779
Ion Ratio Lower Upper
84 100
49 127.5 98.3 147.5
51 39.0 31.6 47.4
86 64.4 51.1 76.7





#21

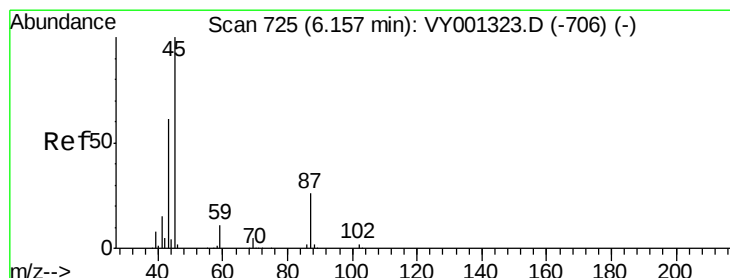
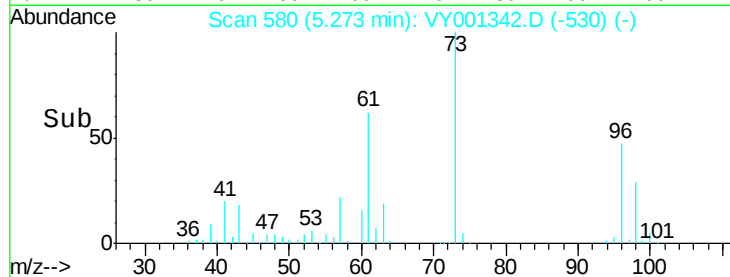
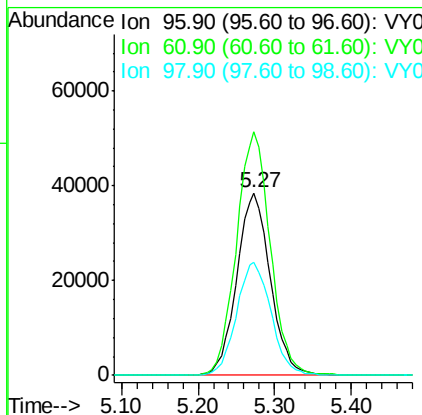
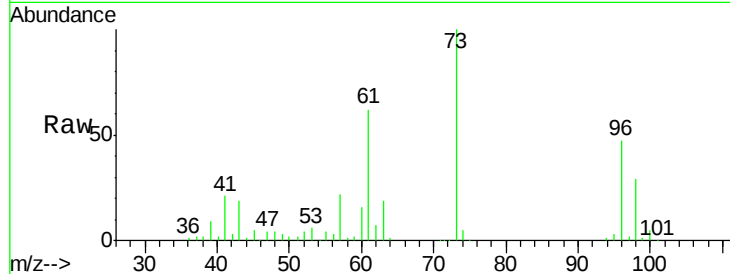
trans-1,2-Dichloroethene
Concen: 48.498 ug/l
RT: 5.27 min Scan# 580
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.4	106.8	160.2
98	62.0	51.0	76.6

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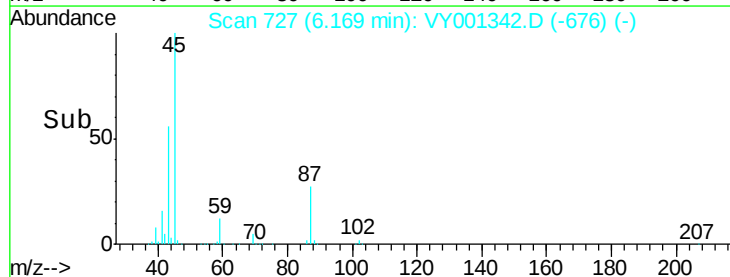
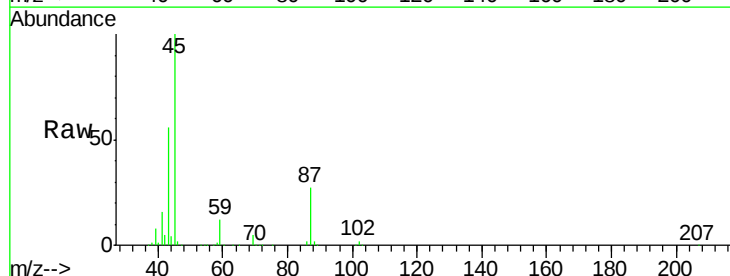
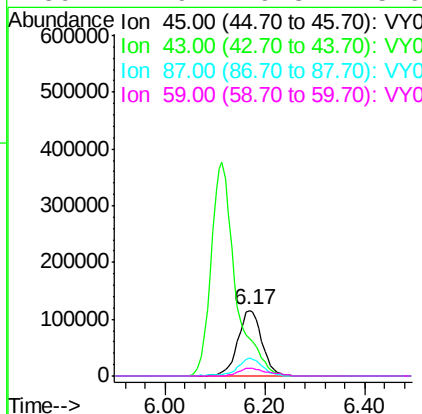
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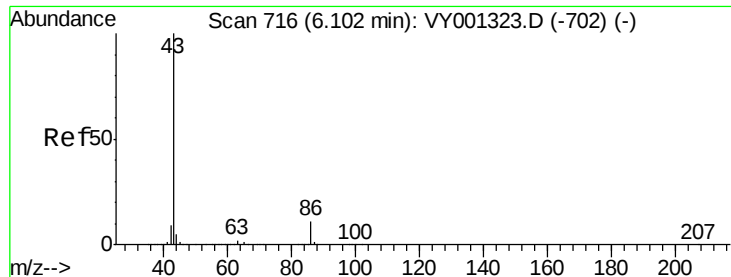


#22

Diisopropyl ether
Concen: 49.132 ug/l
RT: 6.17 min Scan# 727
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.1	49.2	73.8
87	27.4	21.4	32.2
59	11.9	9.3	13.9





#23

Vinyl Acetate

Concen: 248.000 ug/l

RT: 6.11 min Scan# 718

Delta R.T. 0.01 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1269782

Ion Ratio Lower Upper

43 100

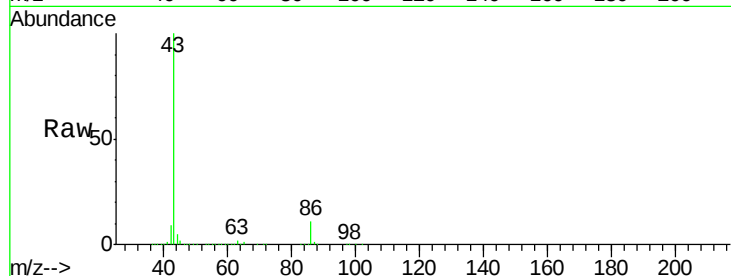
86 10.6 8.6 13.0

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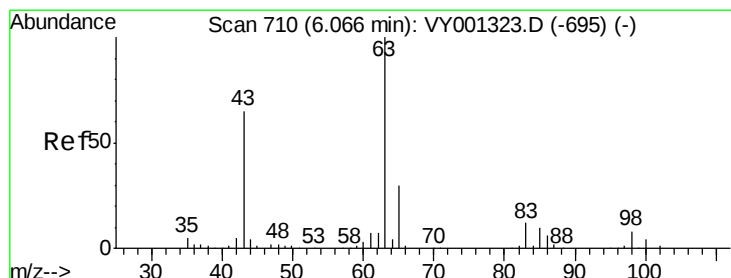
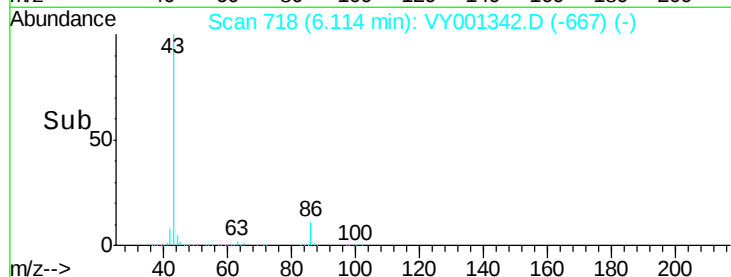
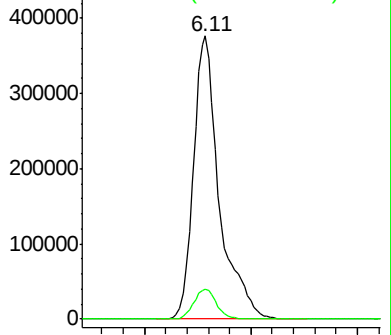
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 49.690 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

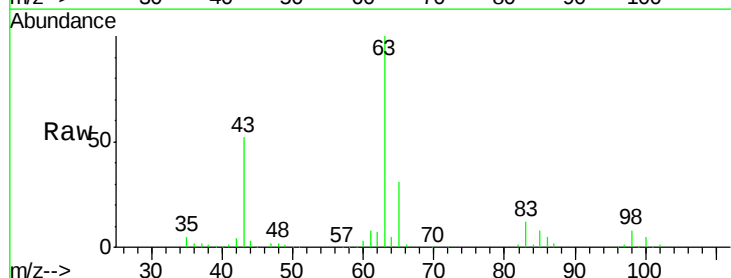
Tgt Ion: 63 Resp: 206563

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.0

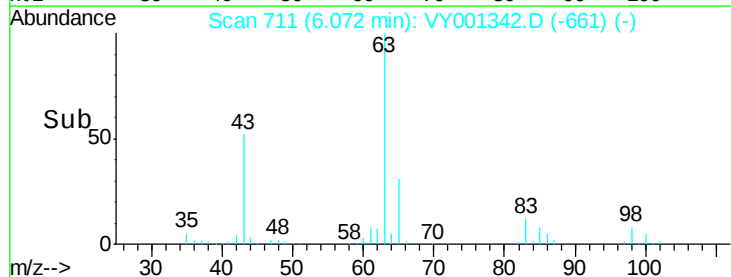
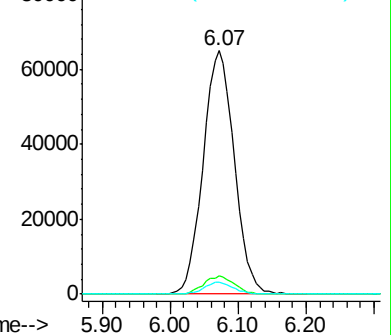
100 4.9 2.1 6.3

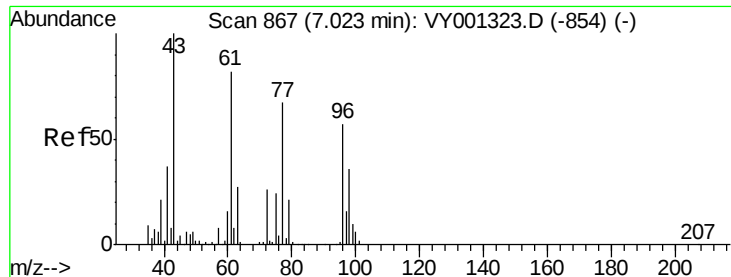


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 252.630 ug/l

RT: 7.03 min Scan# 869

Delta R.T. 0.01 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 234698

Ion Ratio Lower Upper

43 100

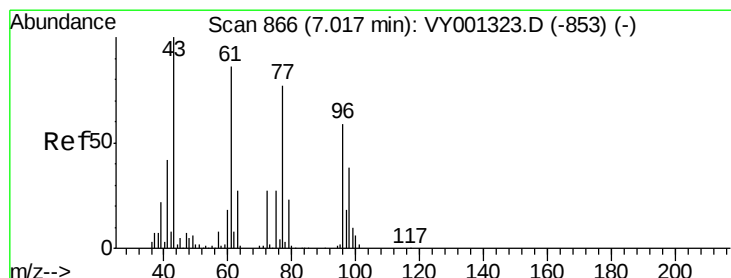
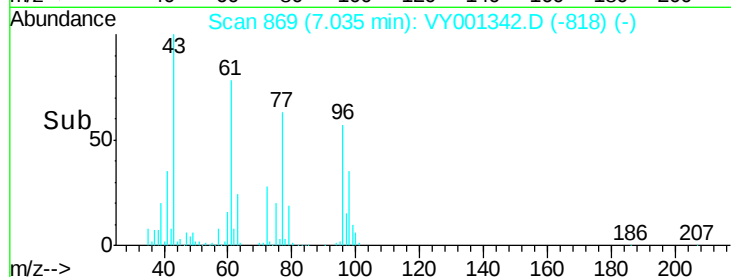
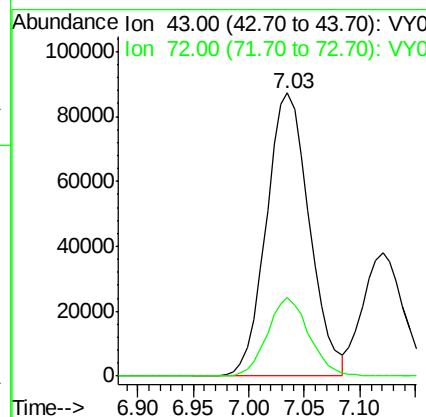
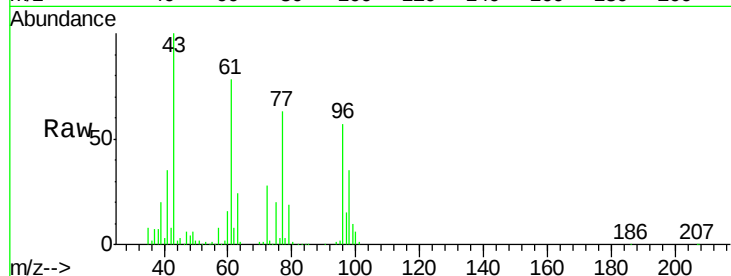
72 27.5 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.383 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001342.D

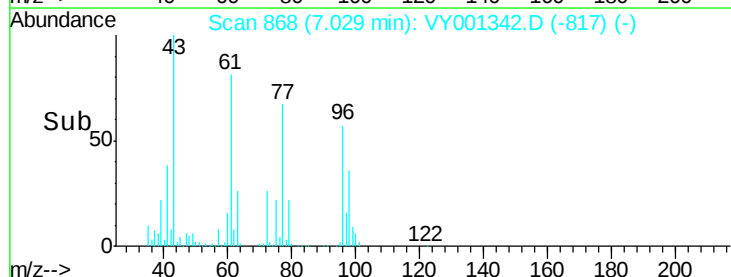
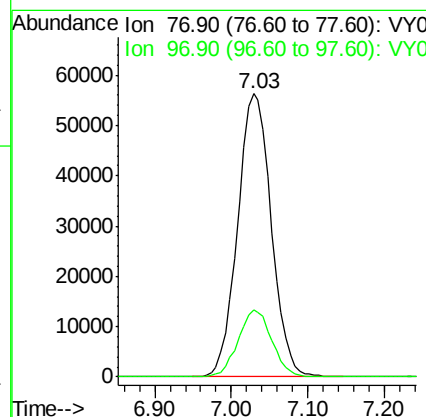
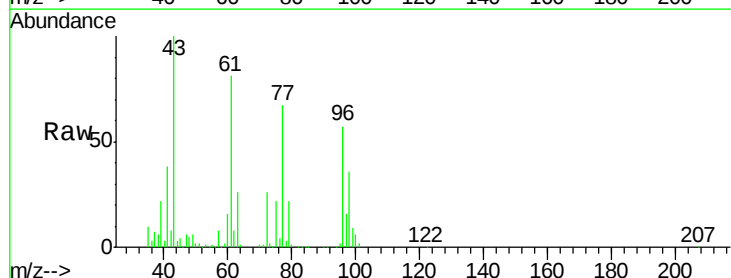
Acq: 22 Jan 2020 19:27

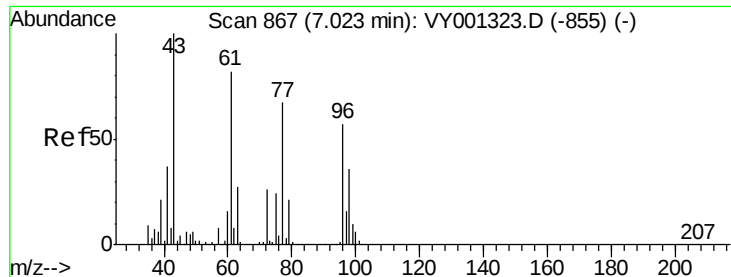
Tgt Ion: 77 Resp: 171749

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.5





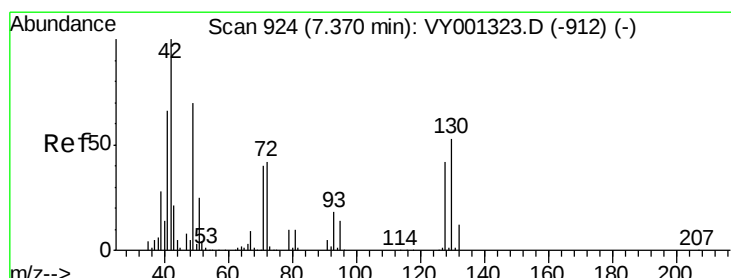
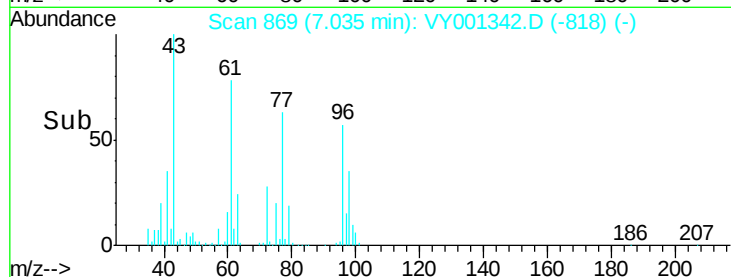
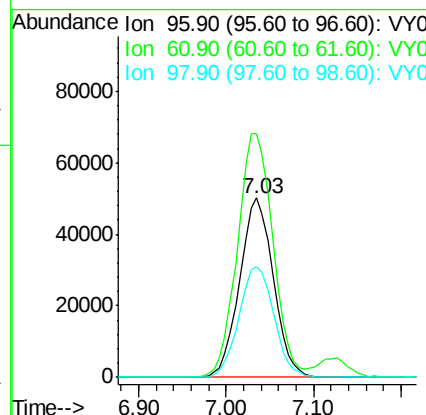
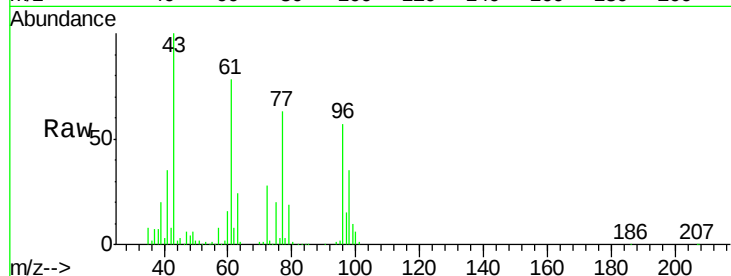
#27
 cis-1,2-Dichloroethene
 Concen: 49.671 ug/l
 RT: 7.03 min Scan# 869
 Delta R.T. 0.01 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	134295		
61	143.1	0.0	284.8	
98	64.1	0.0	128.4	

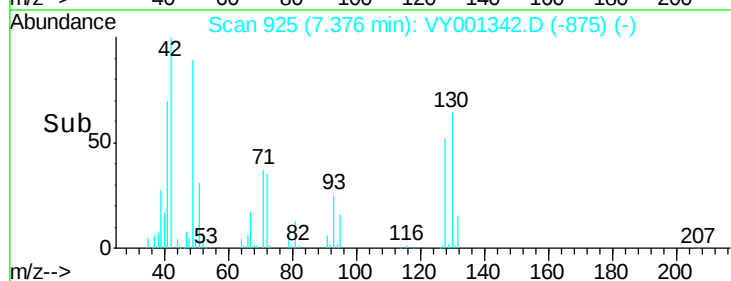
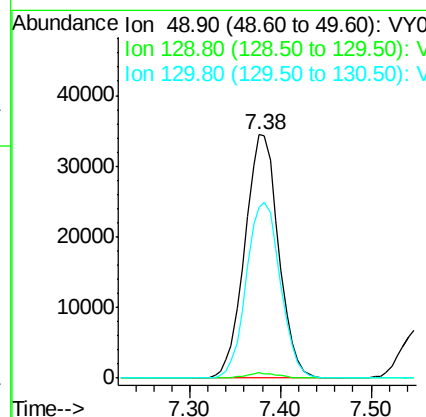
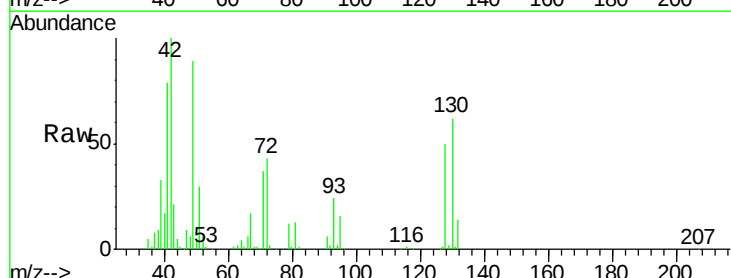
Manual Integrations
 APPROVED

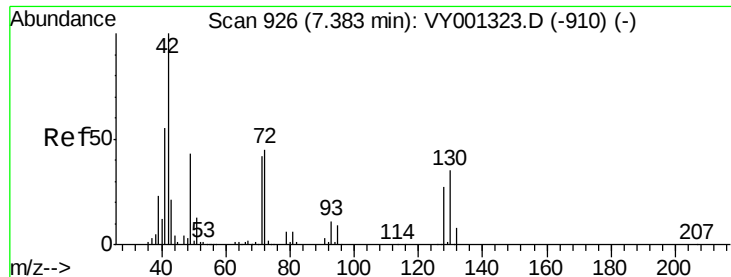
MMDadoda
 1/23/2020 10:56:34 AM



#28
 Bromochloromethane
 Concen: 51.846 ug/l
 RT: 7.38 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	88882		
129	1.9	0.0	4.0	
130	72.6	58.9	88.3	





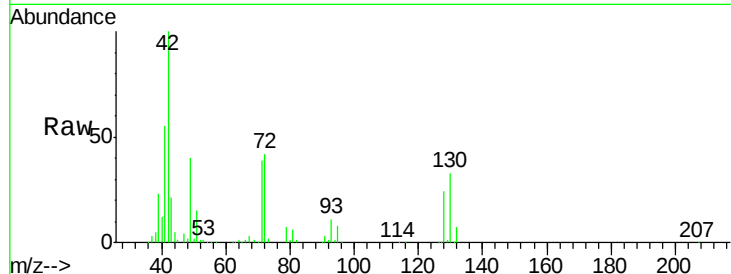
#29
Tetrahydrofuran
Concen: 249.711 ug/l
RT: 7.39 min Scan# 928
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

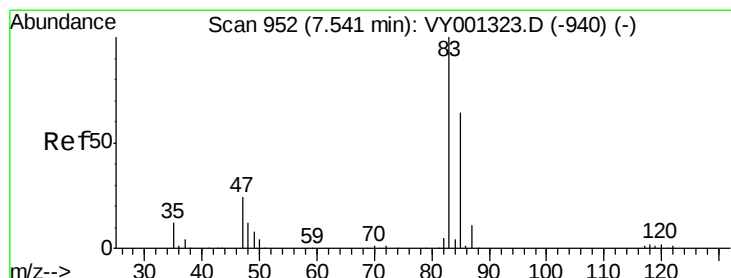
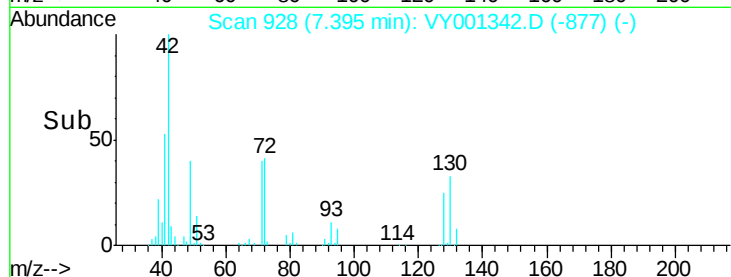
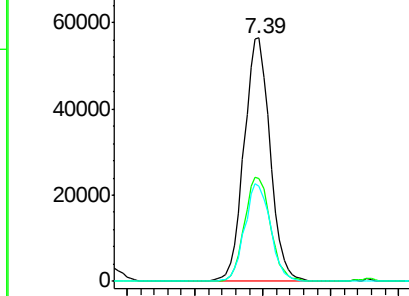
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.6	51.8
71	39.6	32.6	48.8

Manual Integrations
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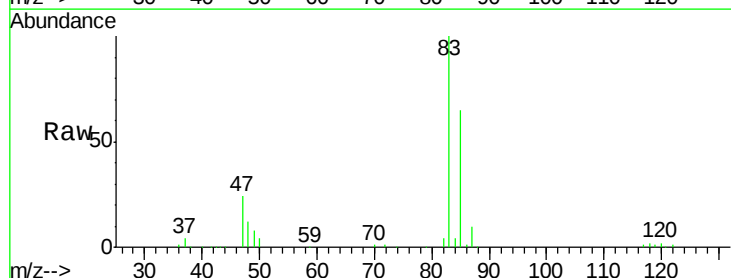


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

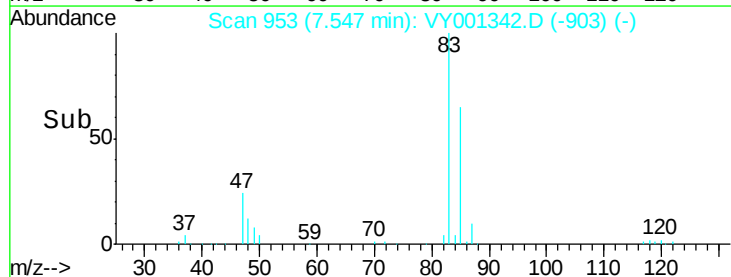
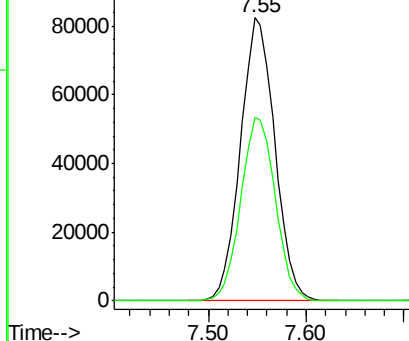


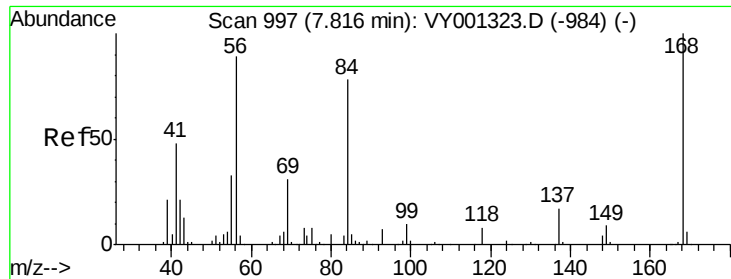
#30
Chloroform
Concen: 49.407 ug/l
RT: 7.55 min Scan# 953
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.5	77.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





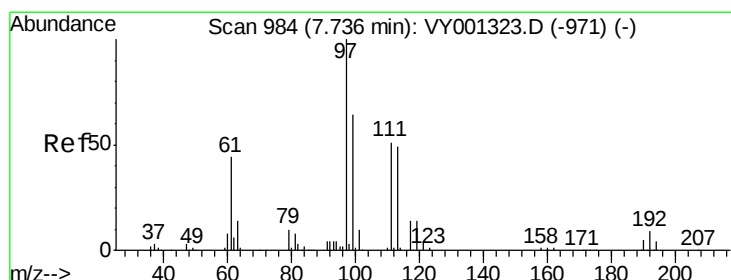
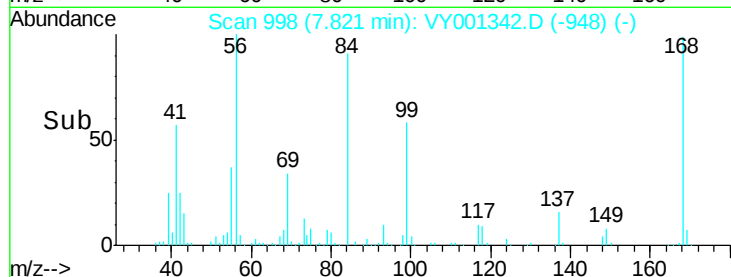
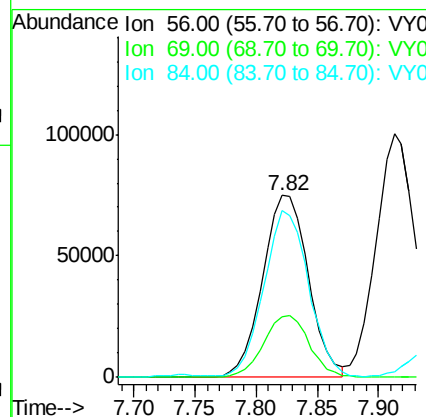
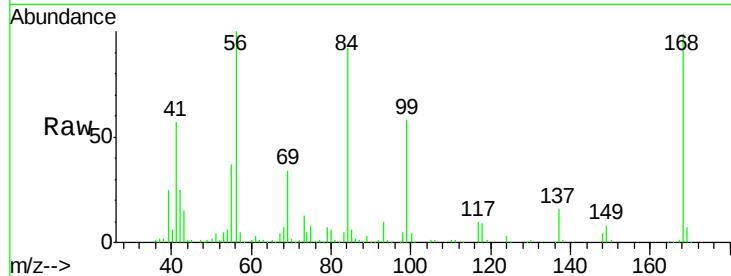
#31
Cyclohexane
Concen: 47.435 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	27.6	41.4
84	90.7	69.7	104.5

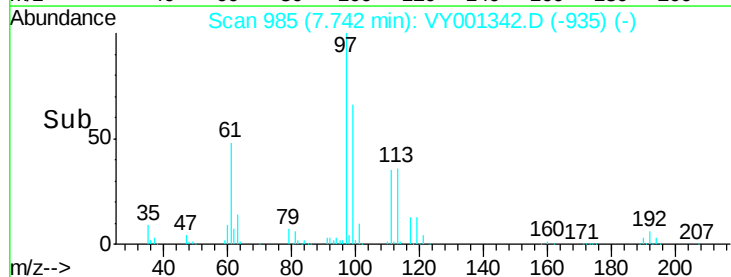
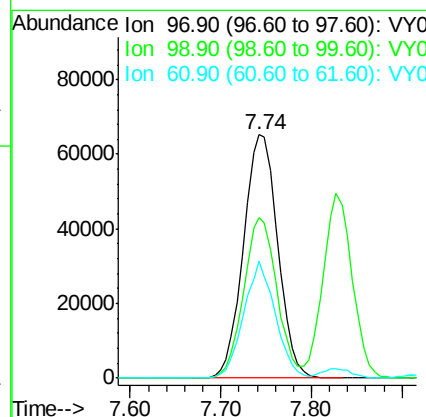
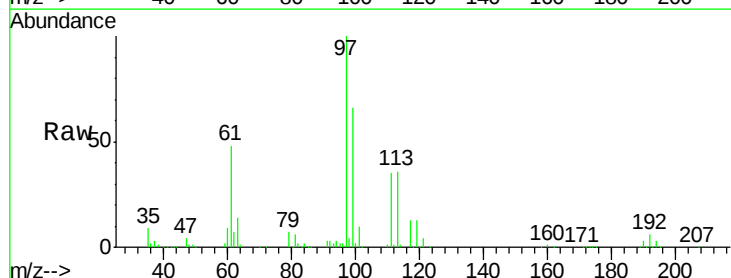
Manual Integrations
APPROVED

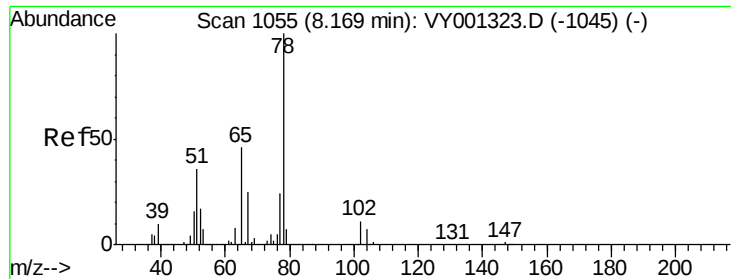
MMDadoda
1/23/2020 10:56:34 AM



#32
1,1,1-Trichloroethane
Concen: 49.655 ug/l
RT: 7.74 min Scan# 985
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.3	76.9
61	44.2	35.9	53.9





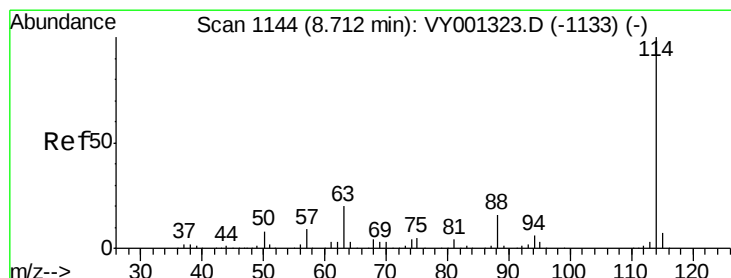
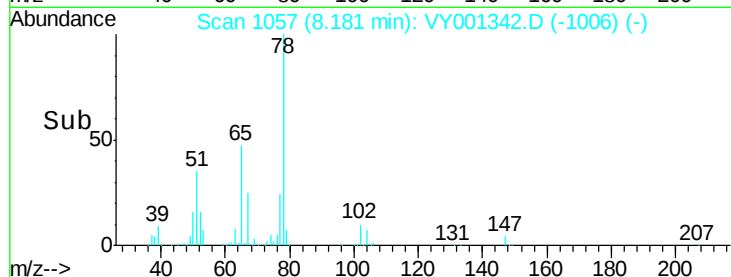
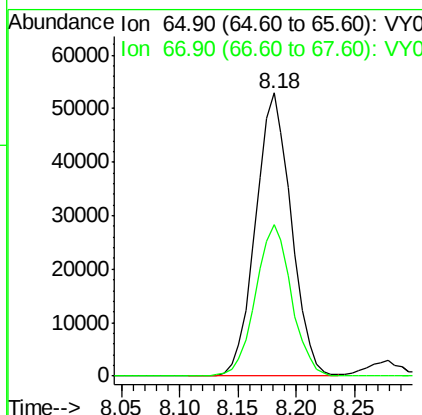
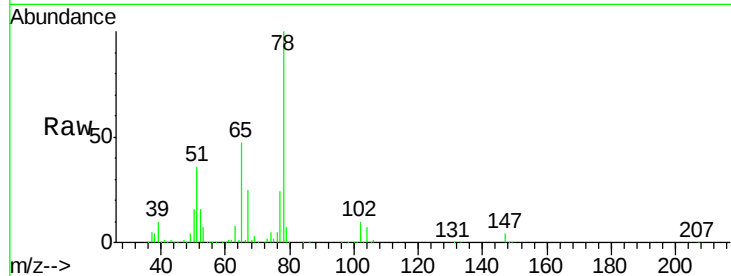
#33
 1,2-Dichloroethane-d4
 Concen: 52.963 ug/l
 RT: 8.18 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	113045		
67	53.7	0.0	108.6	

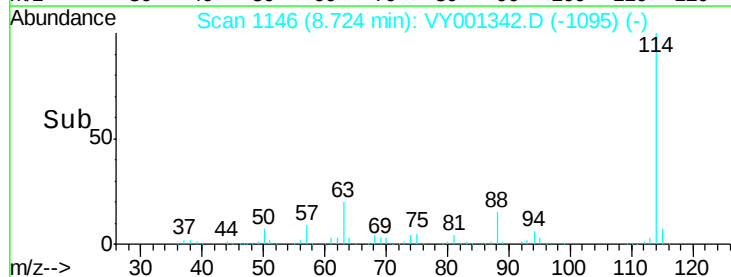
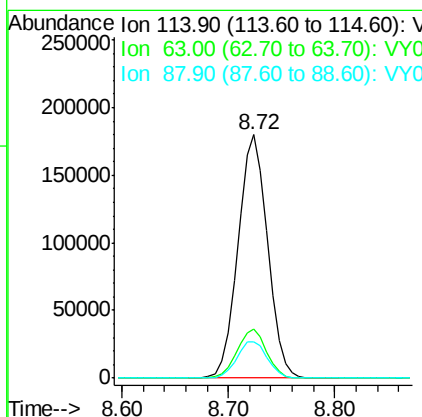
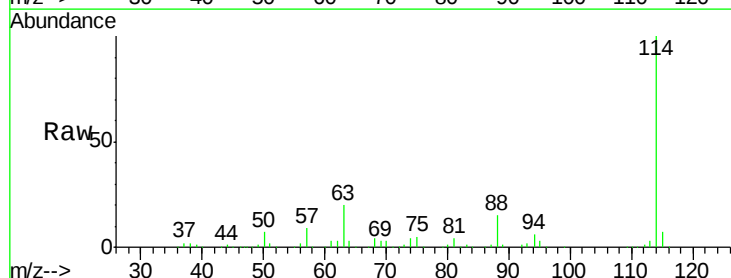
Manual Integrations
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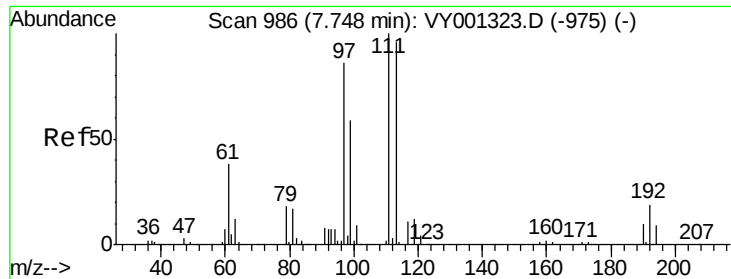
MMDadoda
 1/23/2020 10:56:34 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	350180		
63	20.2	0.0	40.8	
88	15.1	0.0	31.0	





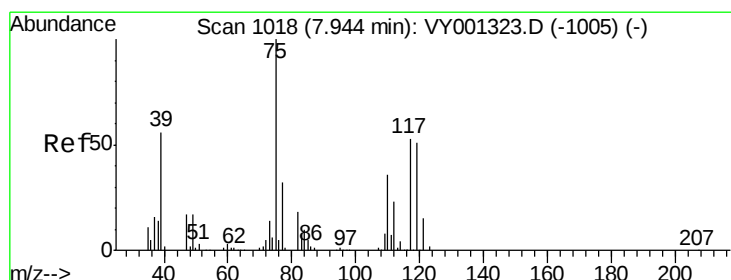
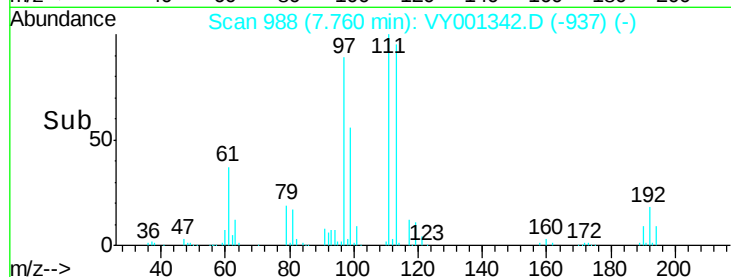
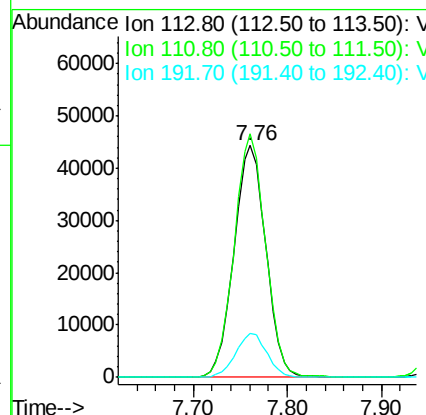
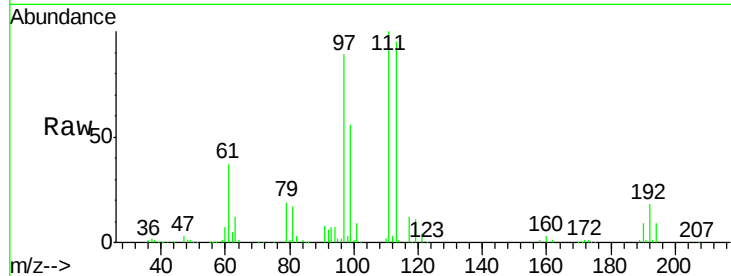
#35
 Dibromofluoromethane
 Concen: 50.890 ug/l
 RT: 7.76 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	104592		
111	103.2	82.8	124.2	
192	18.6	15.5	23.3	

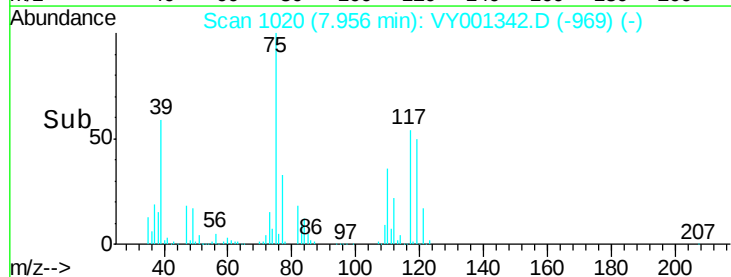
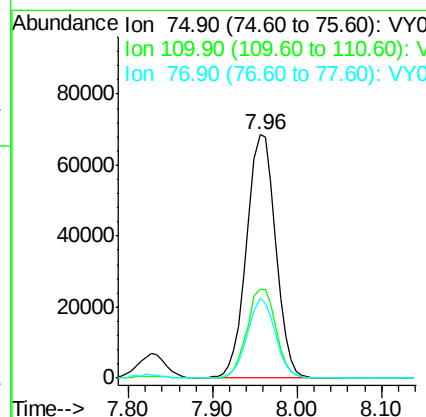
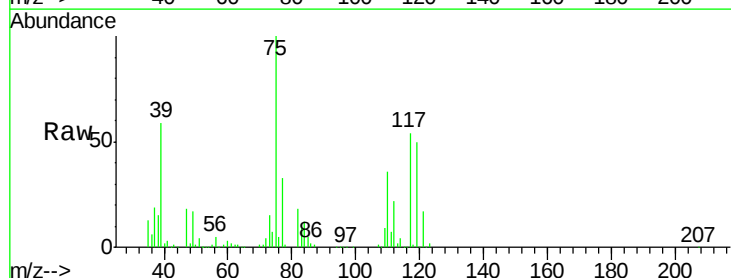
Manual Integrations
 APPROVED

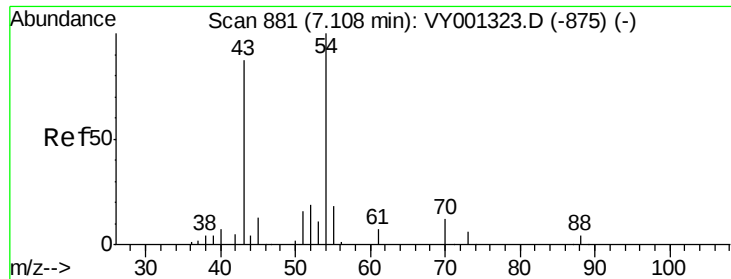
MMDadoda
 1/23/2020 10:56:34 AM



#36
 1,1-Dichloropropene
 Concen: 48.316 ug/l
 RT: 7.96 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	159845		
110	36.3	17.6	52.8	
77	31.4	24.7	37.1	





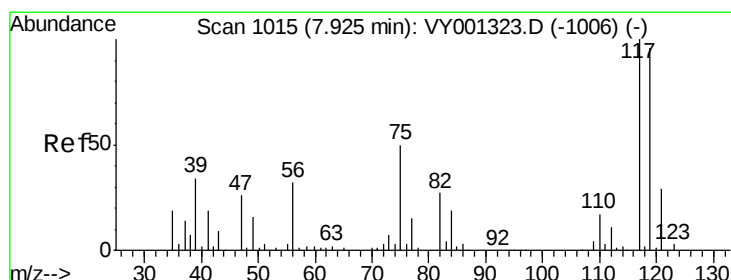
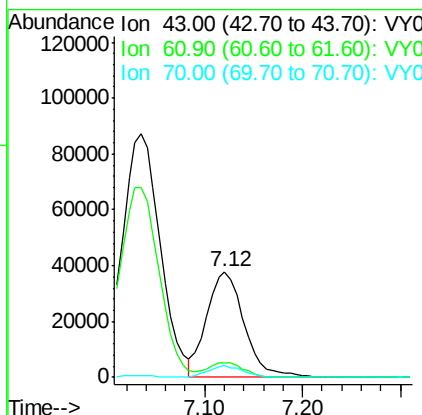
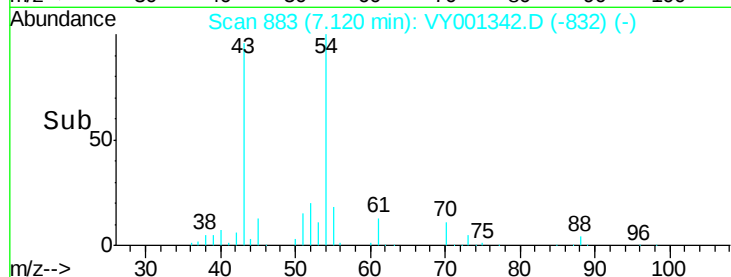
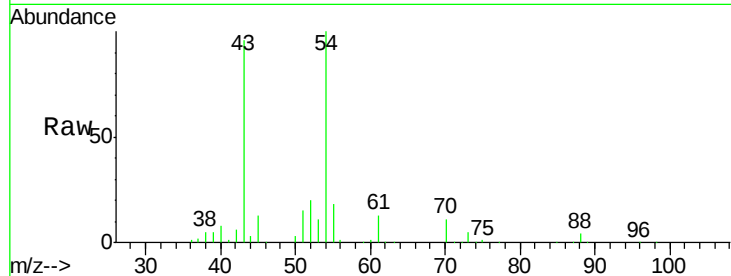
#37
Ethyl Acetate
Concen: 49.253 ug/l
RT: 7.12 min Scan# 883
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	10.6	8.7	13.1

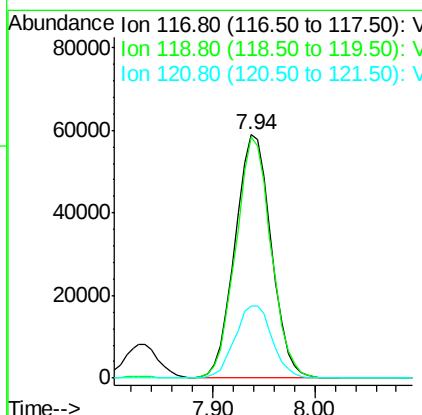
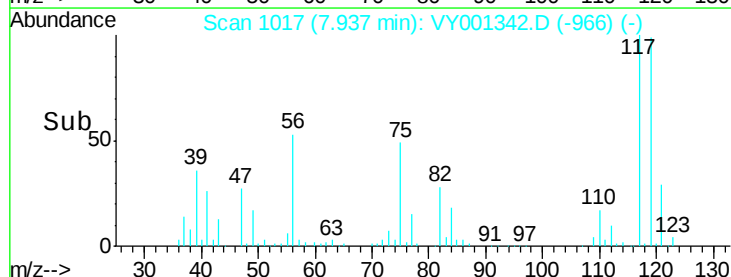
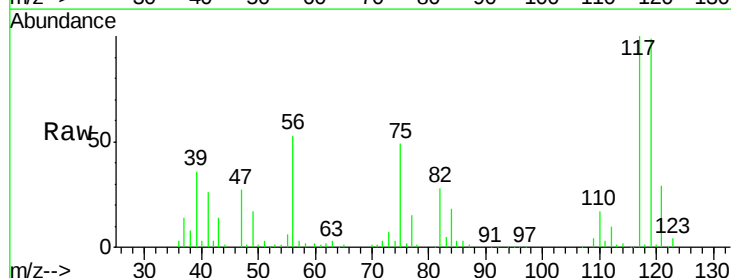
Manual Integrations
APPROVED

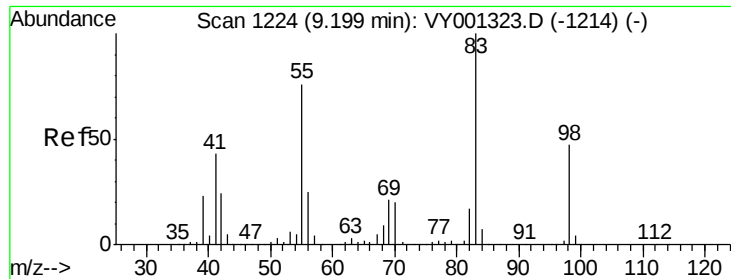
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.298 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	76.3	114.5
121	29.4	23.5	35.3





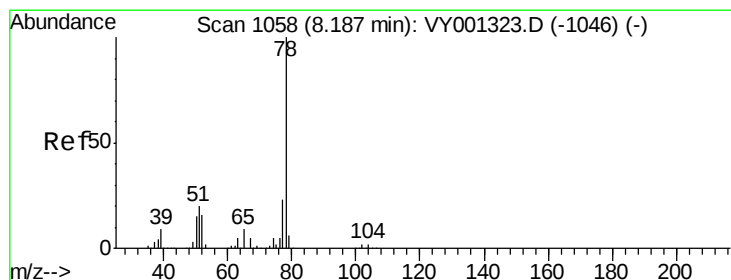
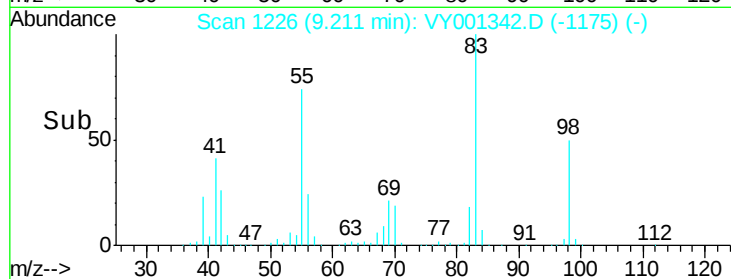
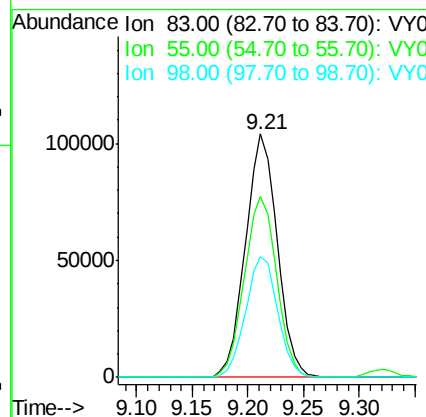
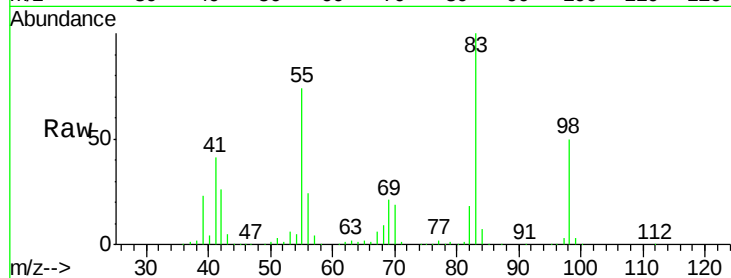
#39
Methvlcvclohexane
Concen: 48.780 ug/l
RT: 9.21 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.4	60.7	91.1
98	49.8	37.8	56.8

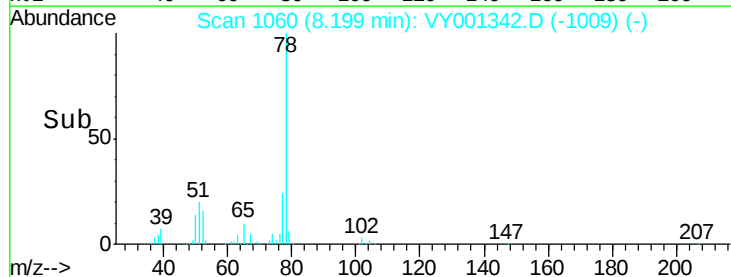
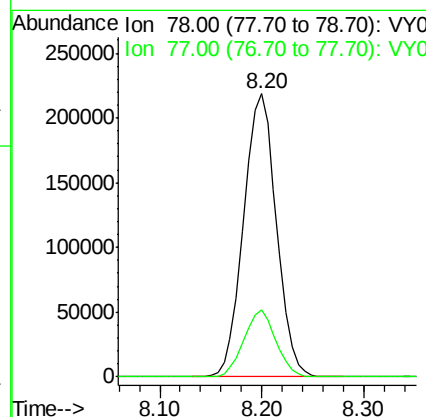
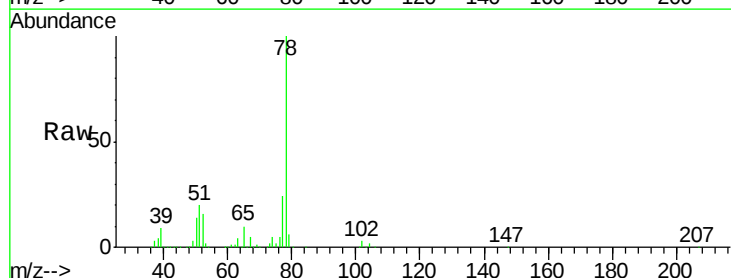
Manual Integrations
APPROVED

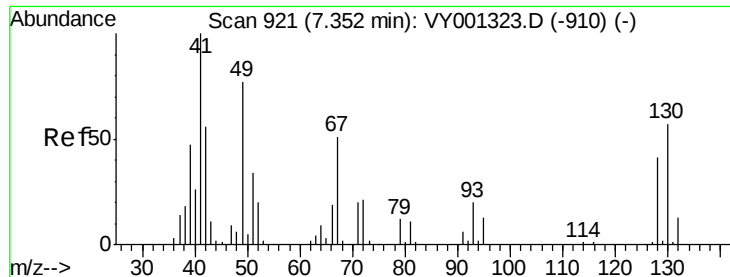
MMDadoda
1/23/2020 10:56:34 AM



#40
Benzene
Concen: 49.213 ug/l
RT: 8.20 min Scan# 1060
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	27.8





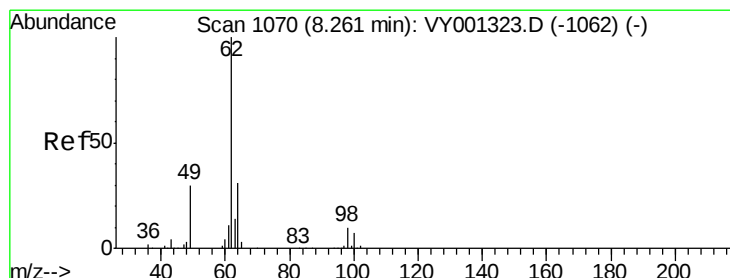
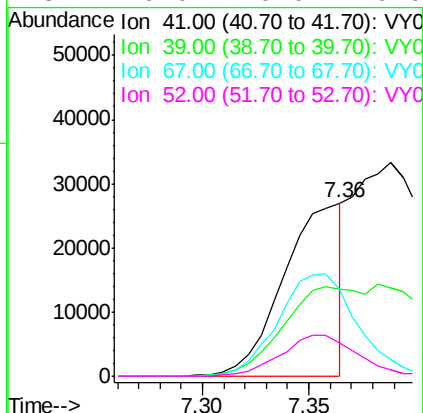
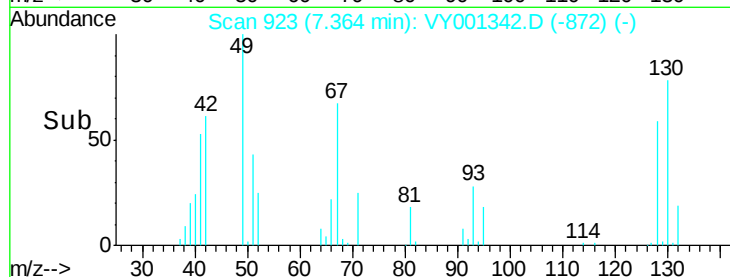
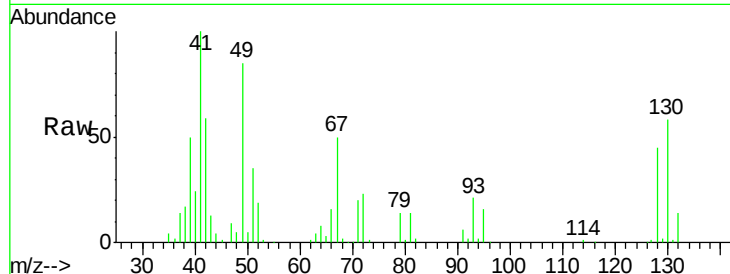
#41
Methacrylonitrile
Concen: 49.563 ug/l m
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp:	51697
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

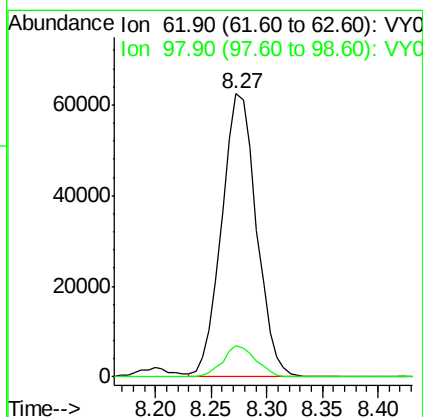
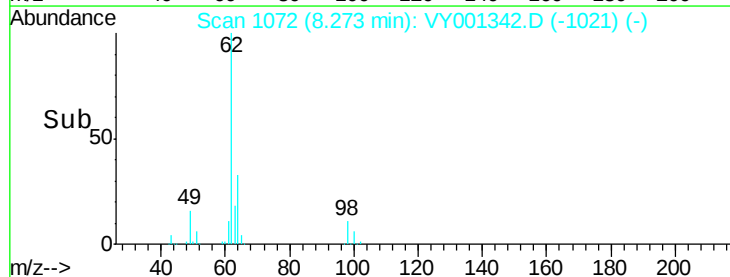
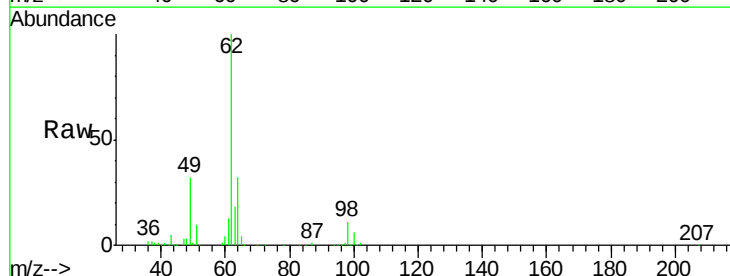
Manual Integrations
APPROVED

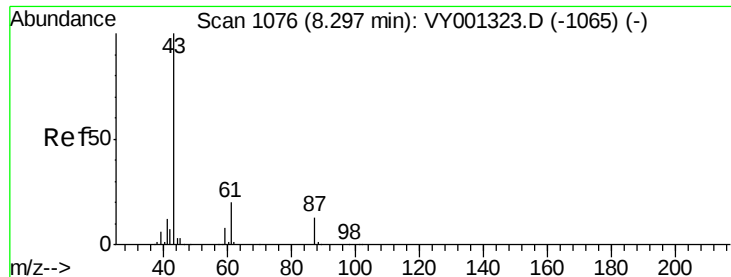
MMDadoda
1/23/2020 10:56:34 AM



#42
1,2-Dichloroethane
Concen: 48.978 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	62	Resp:	135754
Ion Ratio	Lower	Upper	
62	100		
98	10.5	0.0	20.8





#43

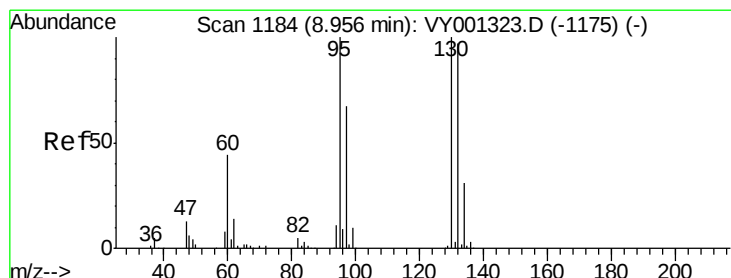
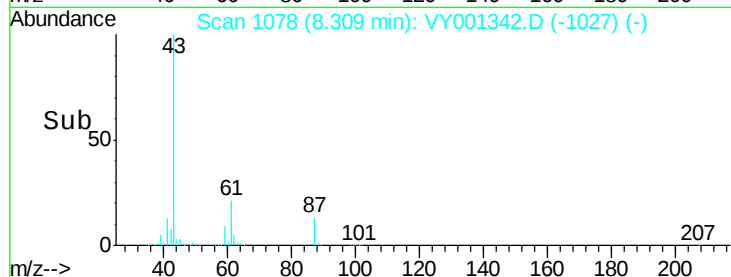
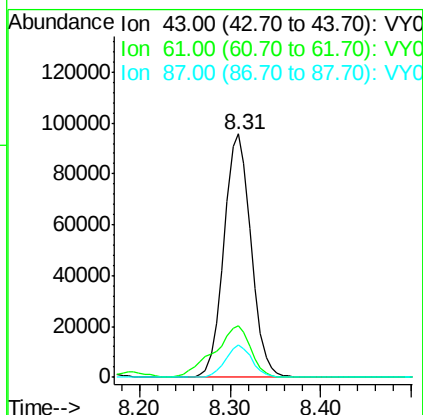
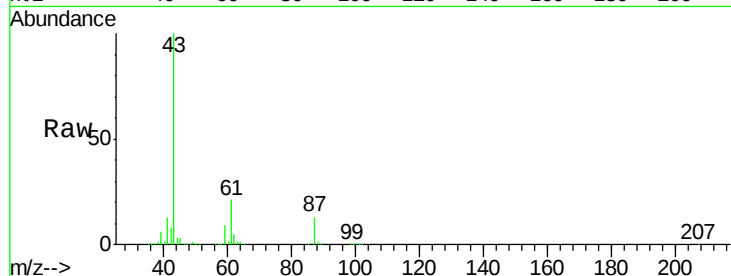
Isopropyl Acetate
 Concen: 50.472 ug/l
 RT: 8.31 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.4	22.7	34.1
87	12.9	11.0	16.4

Manual Integrations
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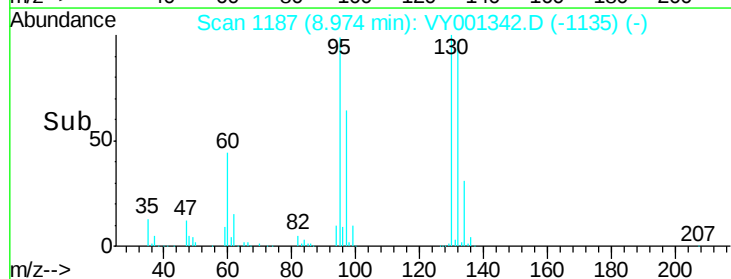
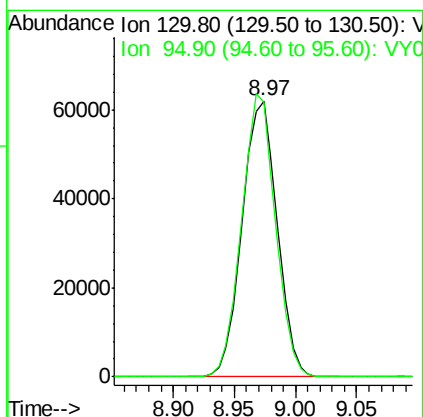
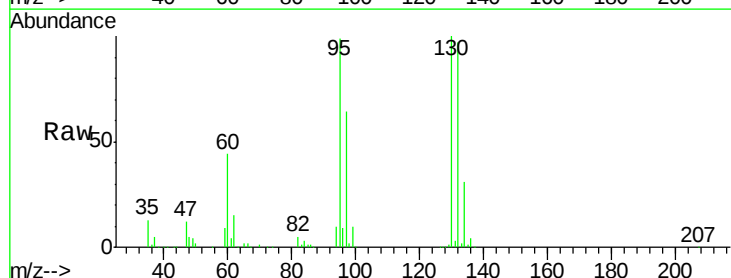
MMDadoda
 1/23/2020 10:56:34 AM

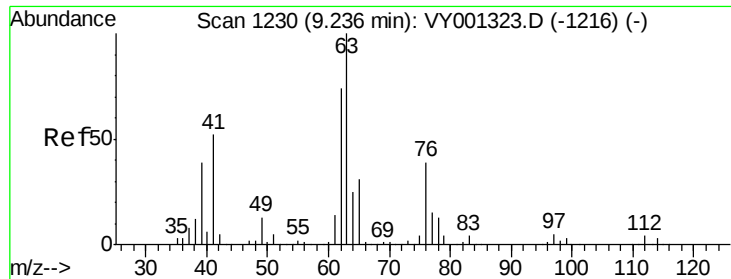


#44

Trichloroethene
 Concen: 48.509 ug/l
 RT: 8.97 min Scan# 1187
 Delta R.T. 0.02 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	200.0





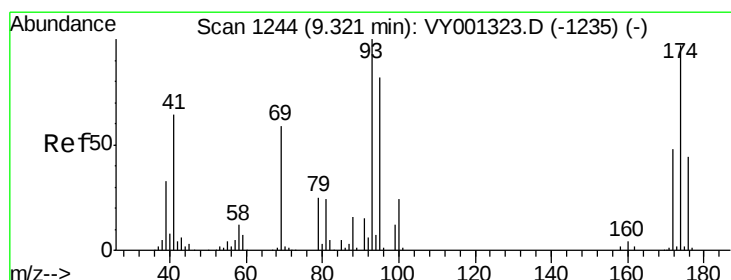
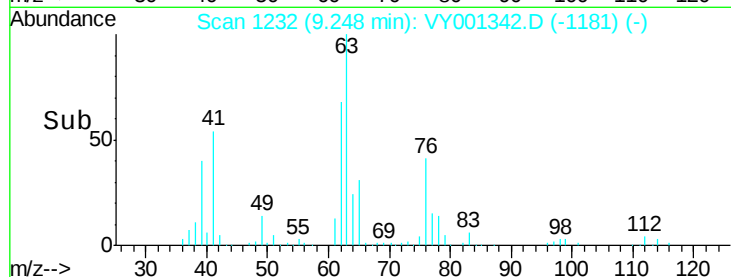
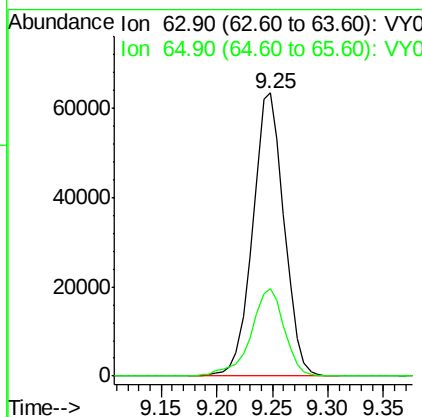
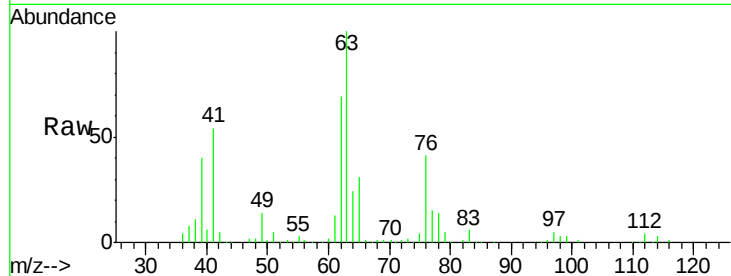
#45
 1,2-Dichloropropane
 Concen: 49.636 ug/l
 RT: 9.25 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 124470
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.9 37.3

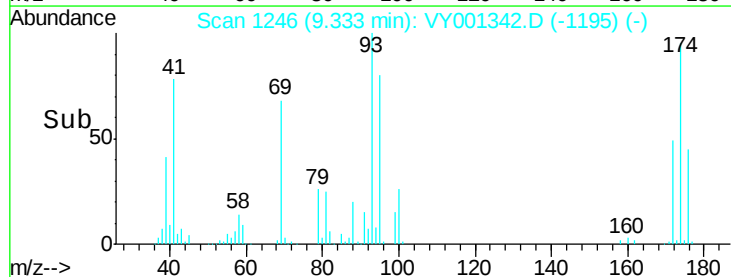
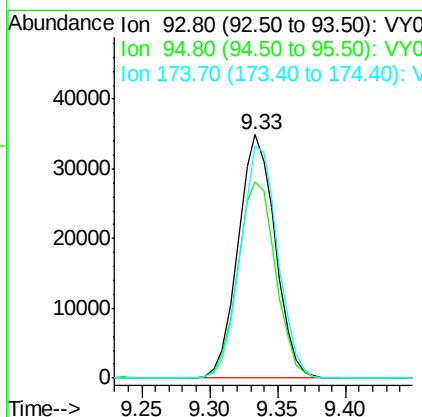
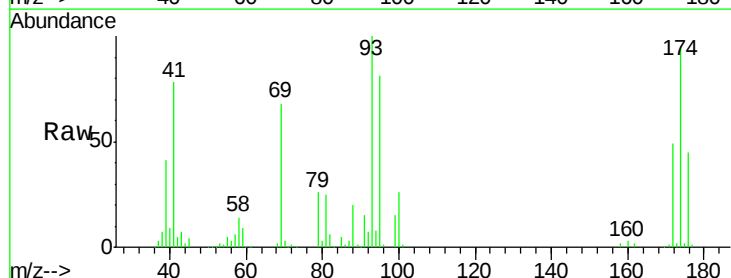
Manual Integrations
 APPROVED

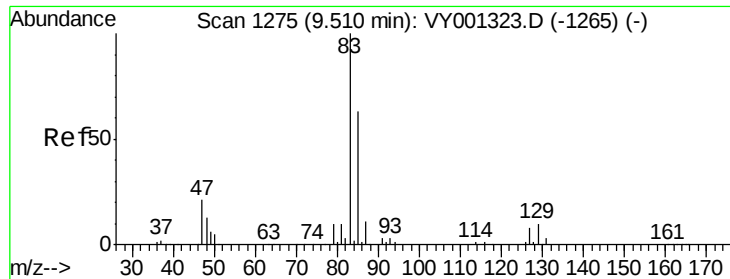
MMDadoda
 1/23/2020 10:56:34 AM



#46
 Dibromomethane
 Concen: 49.234 ug/l
 RT: 9.33 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Tgt Ion: 93 Resp: 66281
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.5 99.7
 174 95.9 77.9 116.9





#47

Bromodichloromethane

Concen: 49.808 ug/l

RT: 9.52 min Scan# 1277

Delta R.T. 0.01 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Instrument :

MSVOA_Y

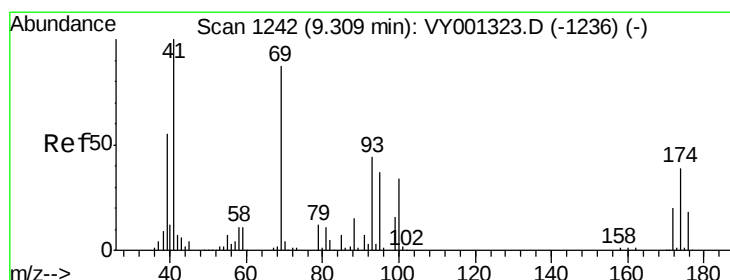
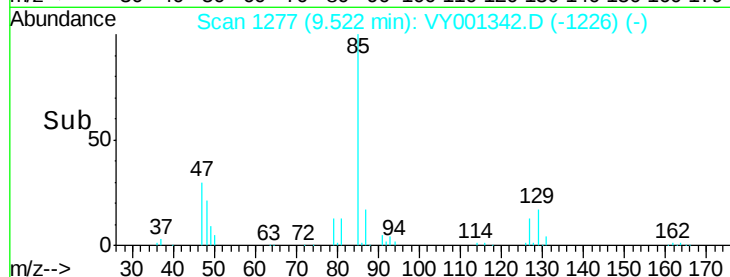
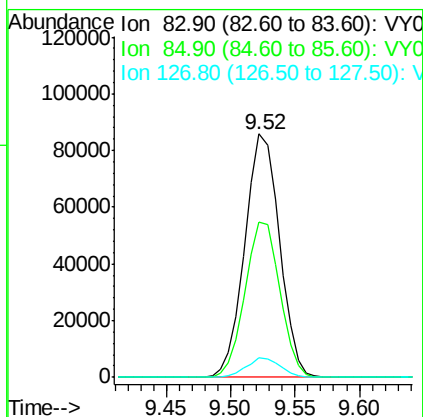
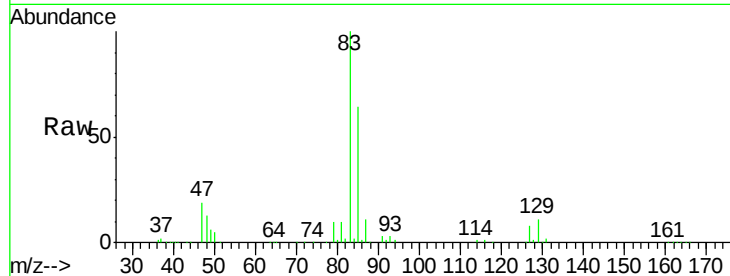
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	160293
Ion Ratio	Lower	Upper	
83	100		
85	63.8	50.2	75.2
127	8.1	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.570 ug/l

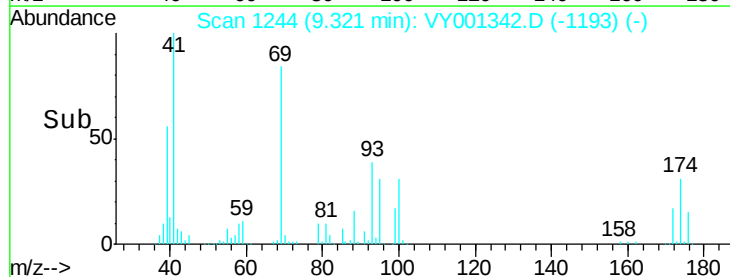
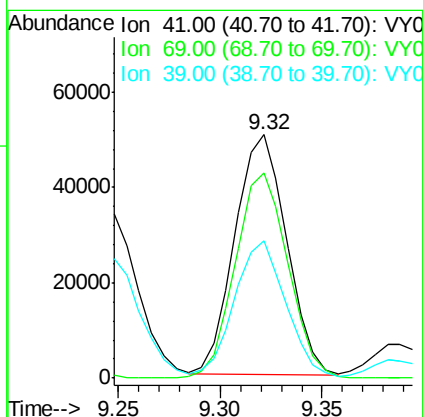
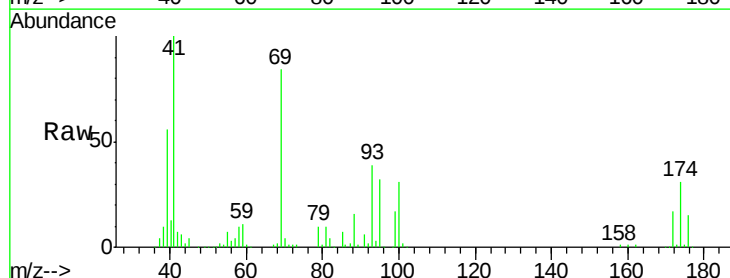
RT: 9.32 min Scan# 1244

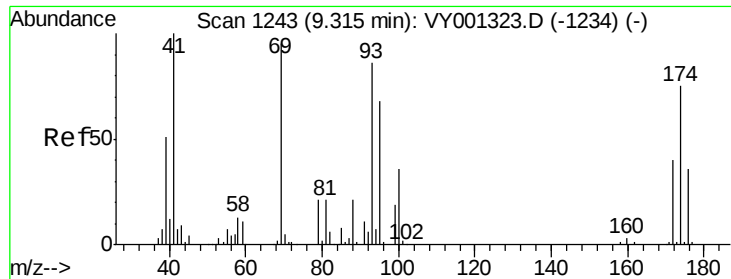
Delta R.T. 0.01 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Tgt Ion:	41	Resp:	88570
Ion Ratio	Lower	Upper	
41	100		
69	87.1	70.2	105.4
39	57.4	45.7	68.5





#49

1,4-Dioxane

Concen: 1006.337 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Instrument :

MSVOA_Y

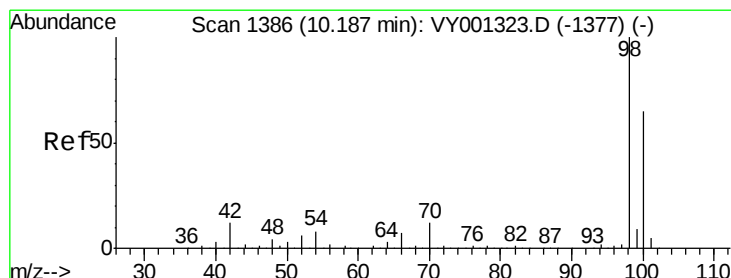
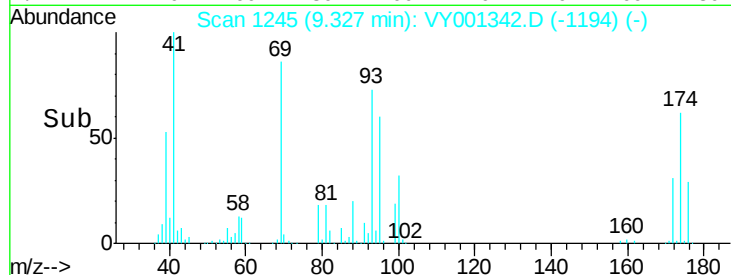
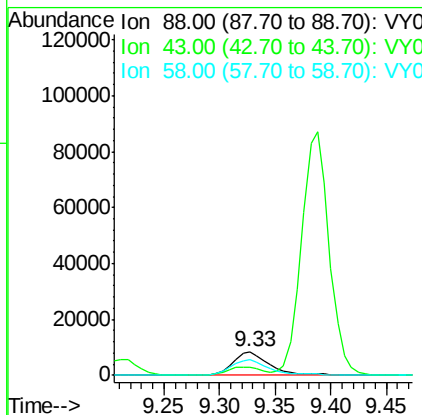
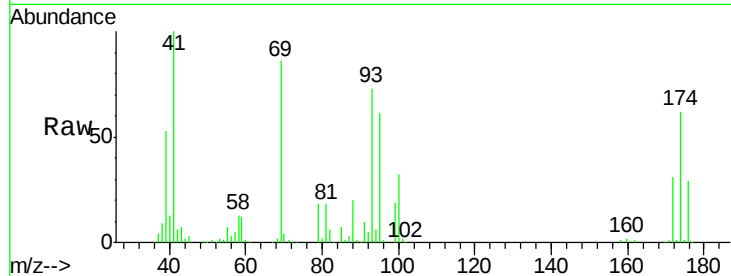
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	19105
Ion	Ratio	Lower	Upper
88	100		
43	33.1	28.2	42.2
58	72.8	55.6	83.4

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#50

Toluene-d8

Concen: 52.246 ug/l

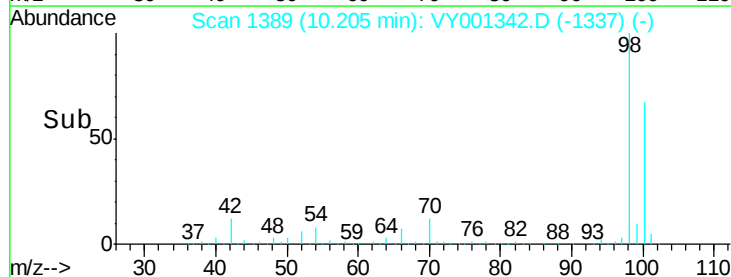
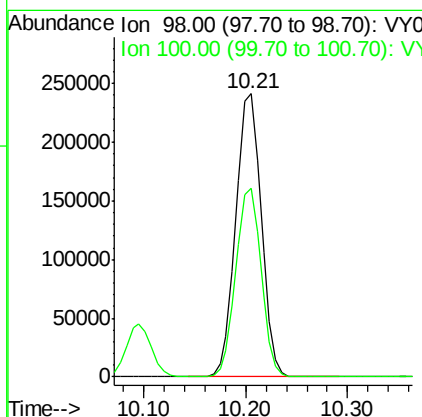
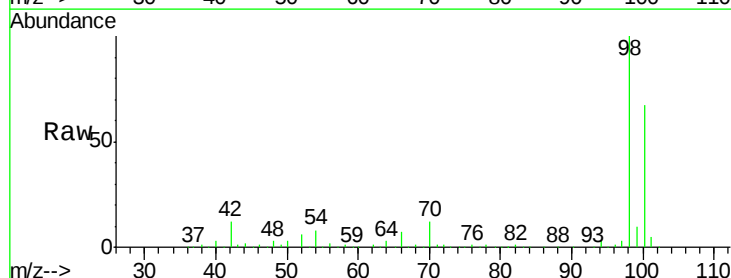
RT: 10.21 min Scan# 1389

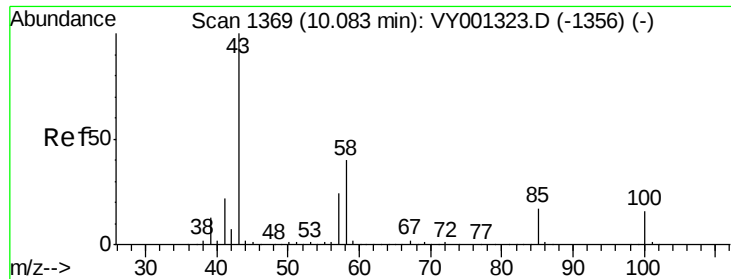
Delta R.T. 0.02 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Tgt Ion:	98	Resp:	417191
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.6	79.0





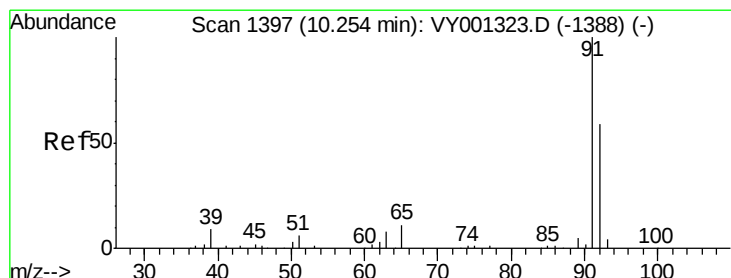
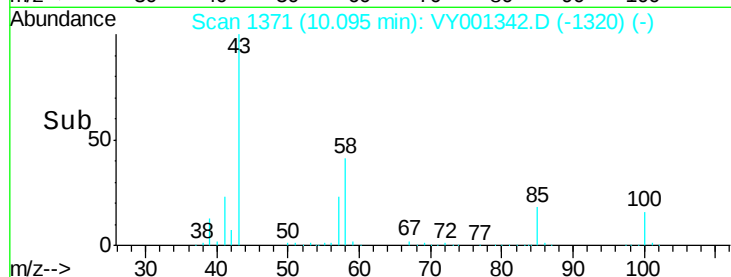
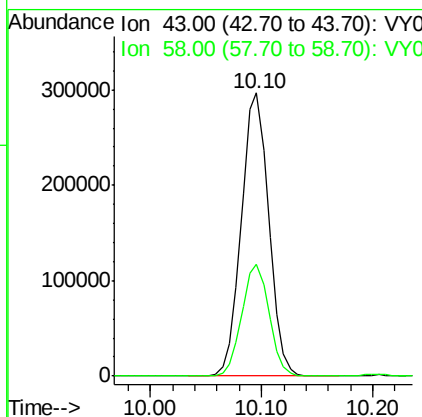
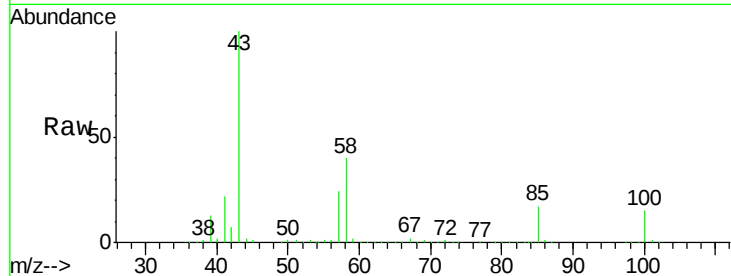
#51
4-Methyl-2-Pentanone
Concen: 251.126 ug/l
RT: 10.10 min Scan# 1371
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 508301
Ion Ratio Lower Upper
43 100
58 39.2 31.5 47.3

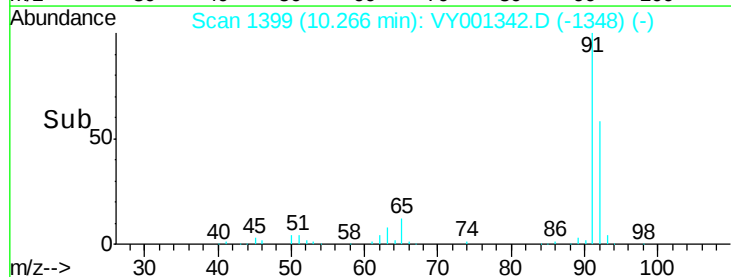
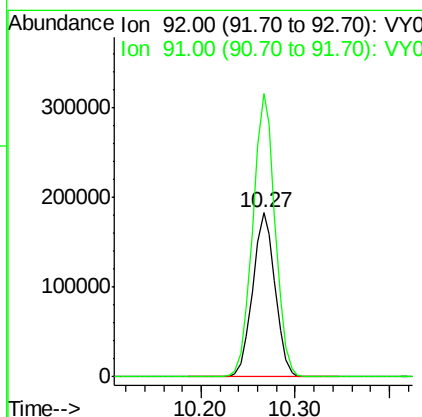
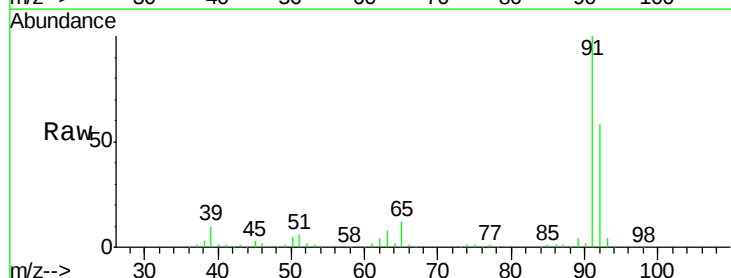
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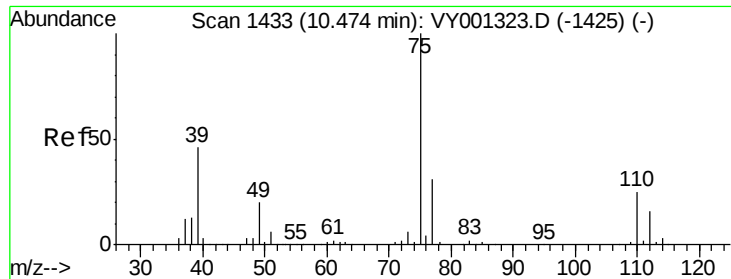
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#52
Toluene
Concen: 48.613 ug/l
RT: 10.27 min Scan# 1399
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion: 92 Resp: 305684
Ion Ratio Lower Upper
92 100
91 172.2 136.4 204.6





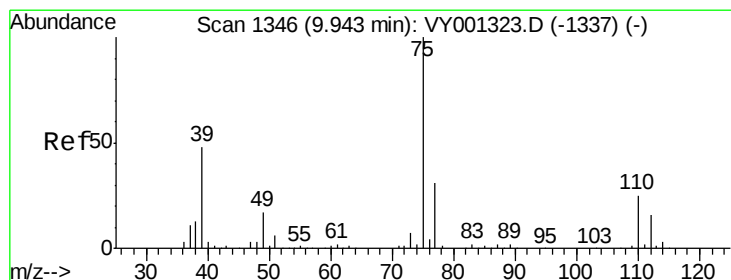
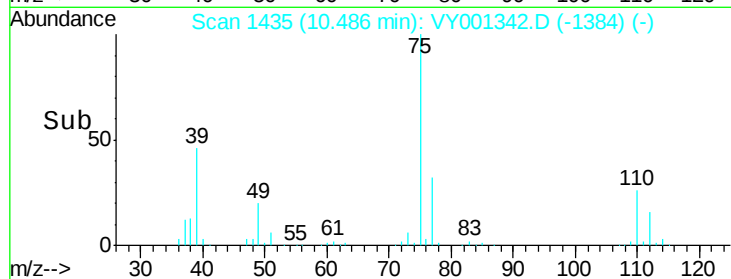
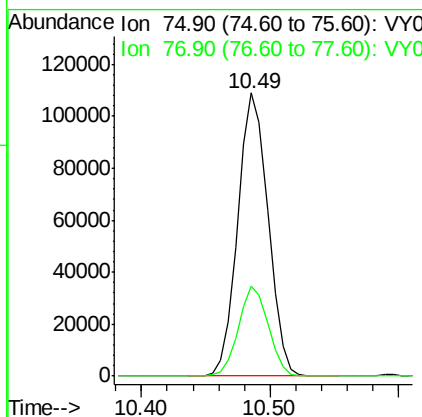
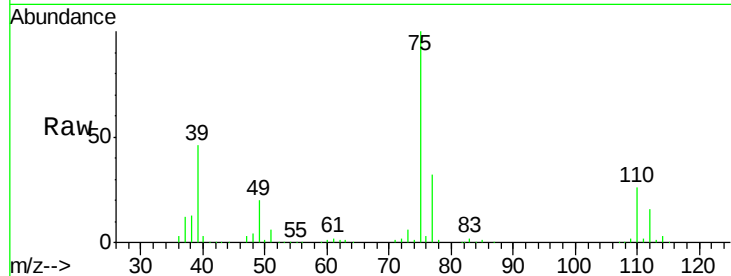
#53
t-1,3-Dichloropropene
Concen: 49.680 ug/l
RT: 10.49 min Scan# 1435
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 177214
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8

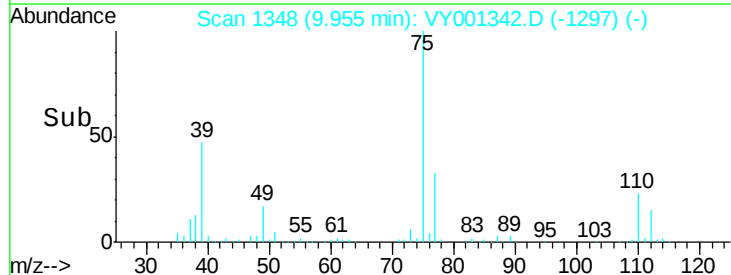
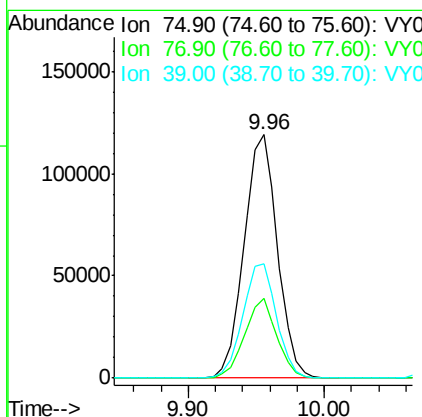
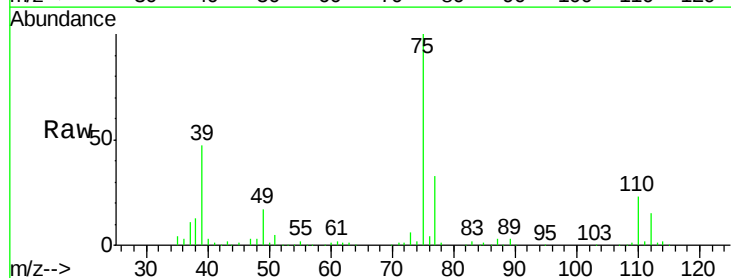
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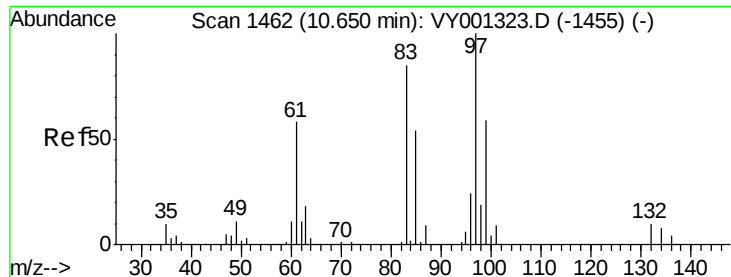
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1/23/2020 10:56:34 AM



#54
cis-1,3-Dichloropropene
Concen: 49.752 ug/l
RT: 9.96 min Scan# 1348
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion: 75 Resp: 203699
Ion Ratio Lower Upper
75 100
77 32.5 25.0 37.6
39 47.1 38.2 57.4





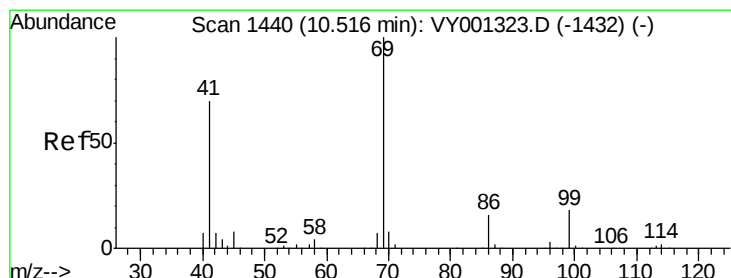
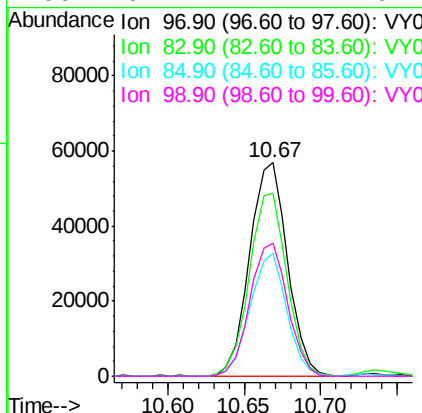
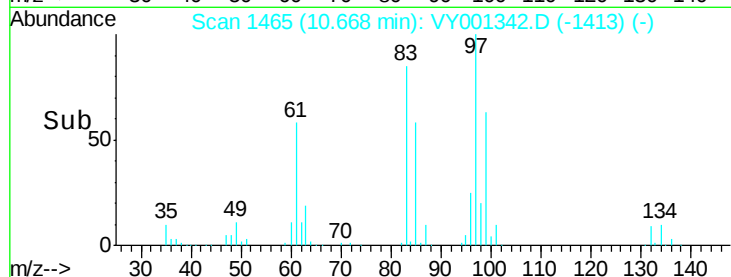
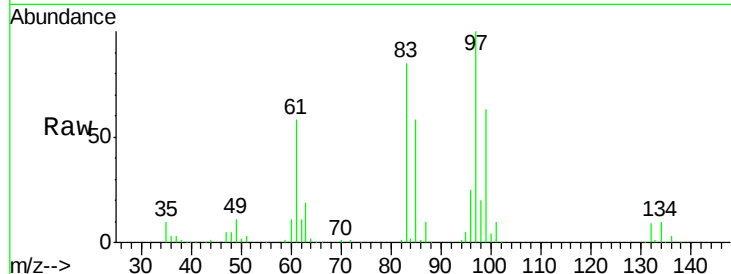
#55
1,1,2-Trichloroethane
Concen: 49.187 ug/l
RT: 10.67 min Scan# 1465
Delta R.T. 0.02 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	97	Resp:	97737
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.0	102.0
85	57.9	43.6	65.4
99	62.7	47.1	70.7

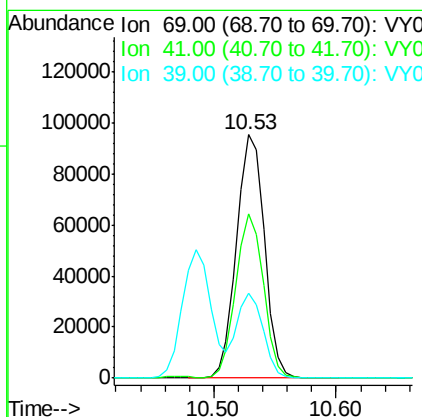
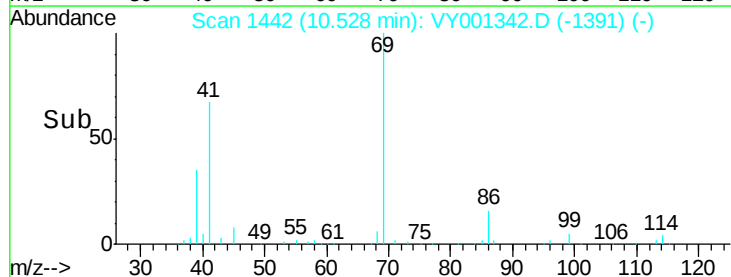
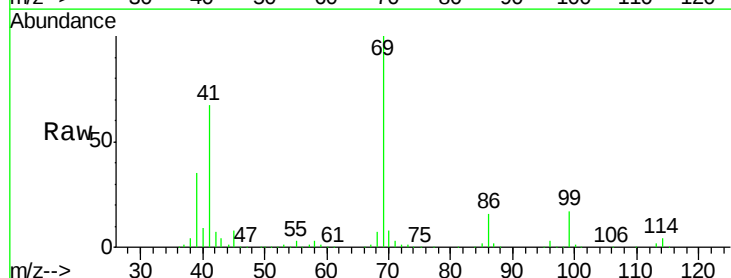
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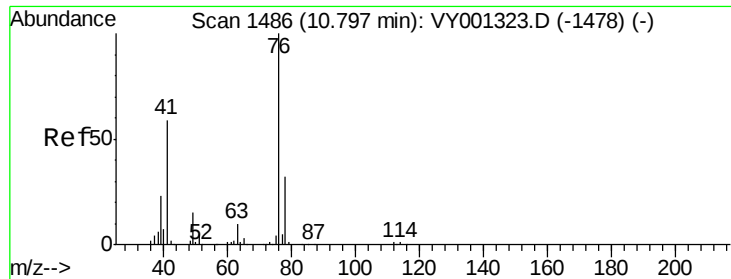
MMDadoda
1/23/2020 10:56:34 AM



#56
Ethyl methacrylate
Concen: 50.144 ug/l
RT: 10.53 min Scan# 1442
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion:	69	Resp:	150595
Ion	Ratio	Lower	Upper
69	100		
41	66.3	54.1	81.1
39	32.9	26.8	40.2





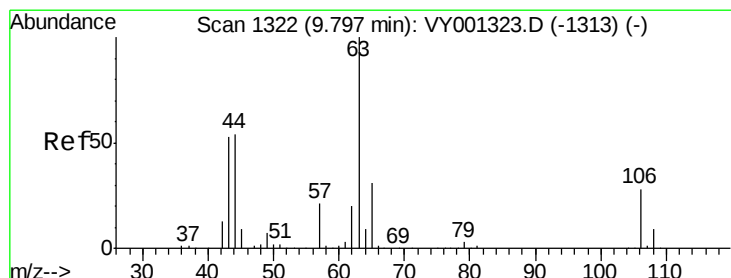
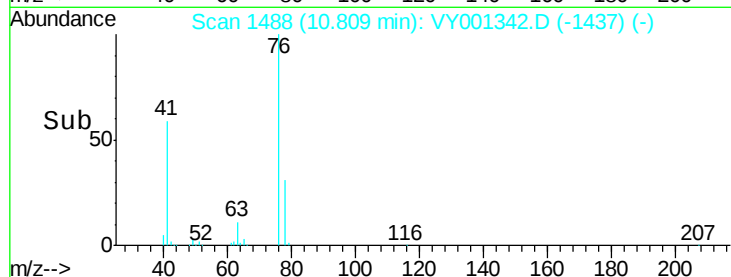
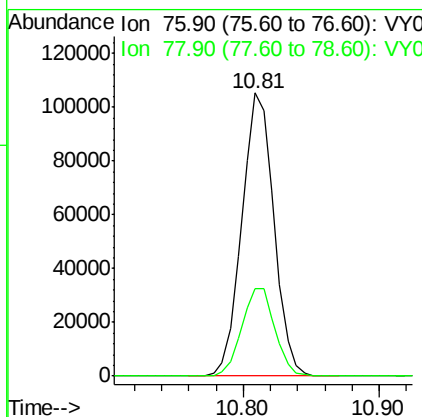
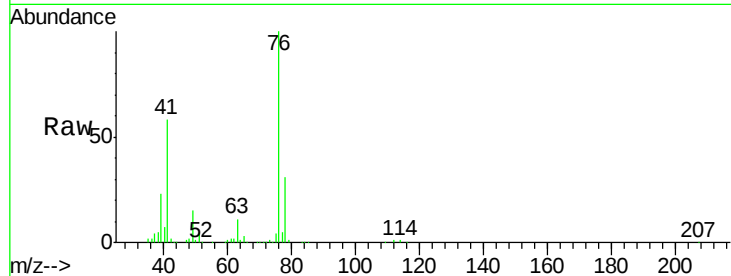
#57
 1,3-Dichloropropane
 Concen: 50.120 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 173483
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8

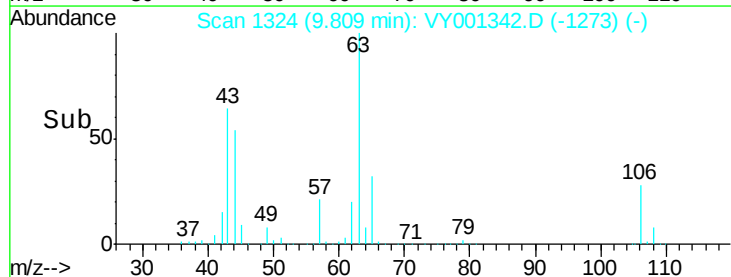
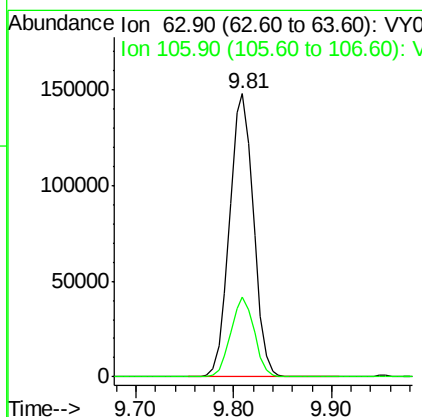
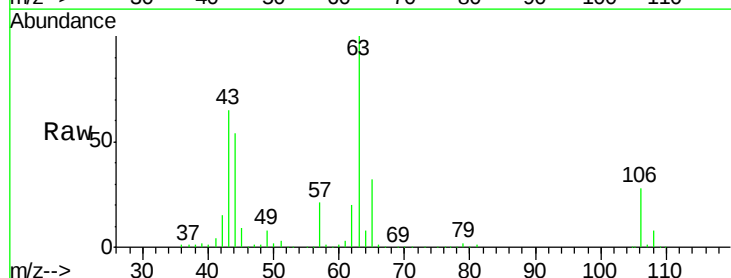
Manual Integrations
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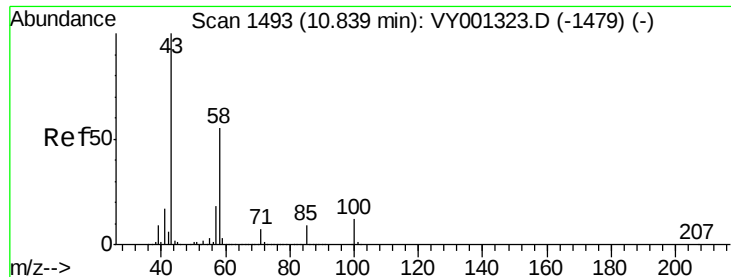
MMDadoda
 1/23/2020 10:56:34 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.035 ug/l
 RT: 9.81 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Tgt Ion: 63 Resp: 250491
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.5 33.7





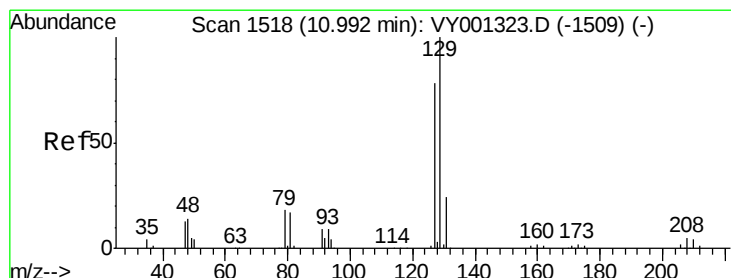
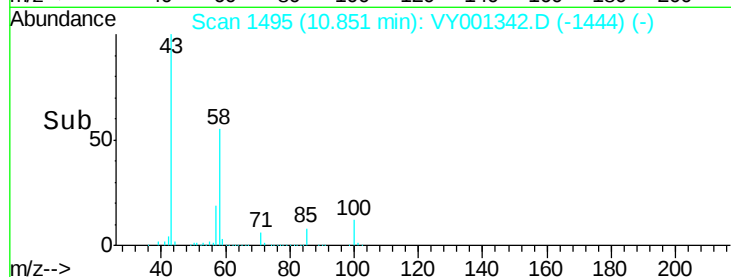
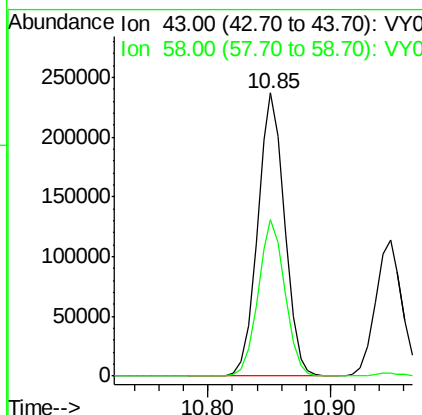
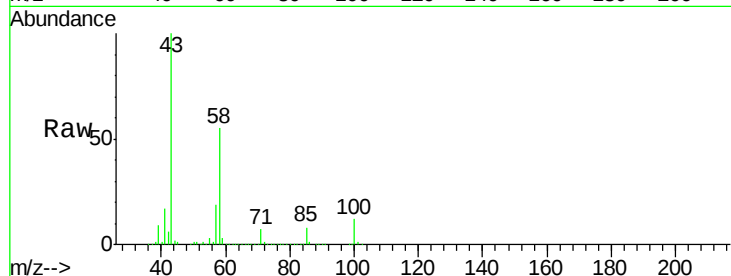
#59
2-Hexanone
Concen: 257.953 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 363484
Ion Ratio Lower Upper
43 100
58 55.0 27.6 82.8

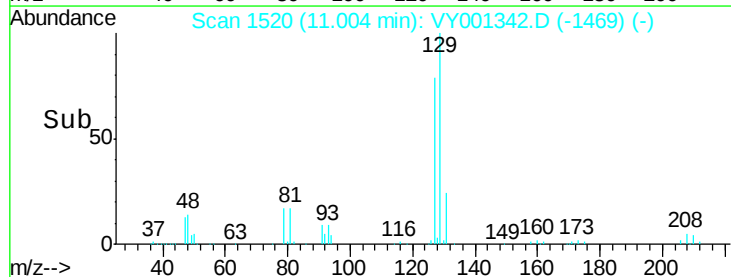
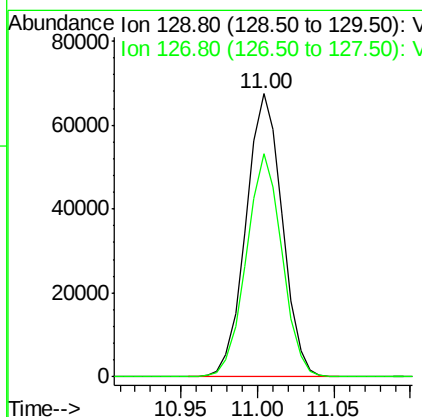
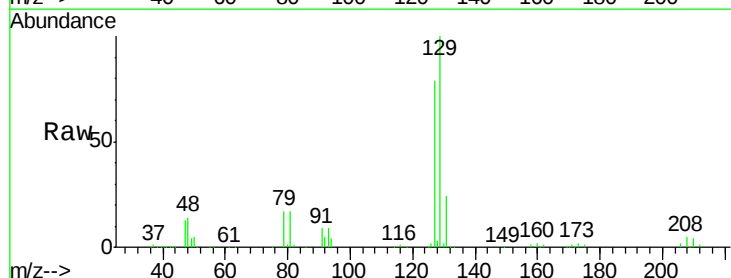
Manual Integrations
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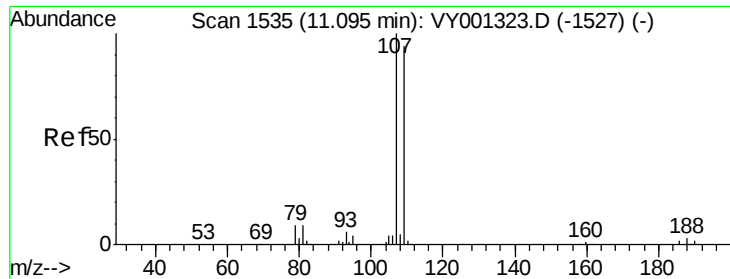
MMDadoda
1/23/2020 10:56:34 AM



#60
Dibromochloromethane
Concen: 50.143 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion: 129 Resp: 111437
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





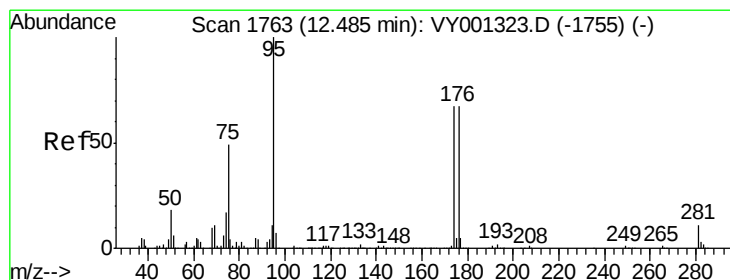
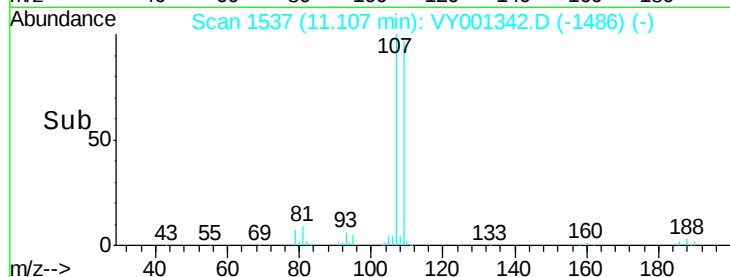
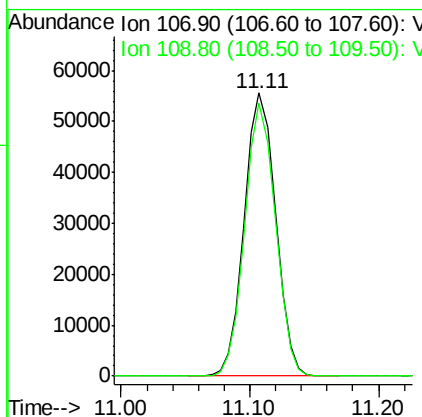
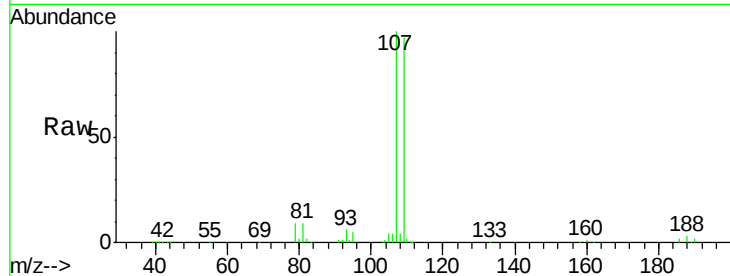
#61
1,2-Dibromoethane
Concen: 49.899 ug/l
RT: 11.11 min Scan# 1537
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.0	112.6

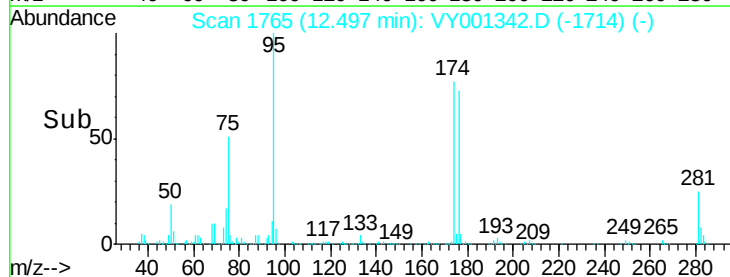
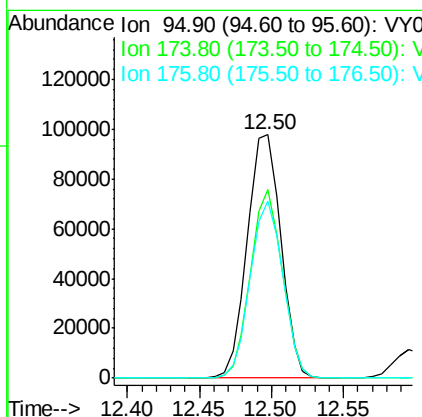
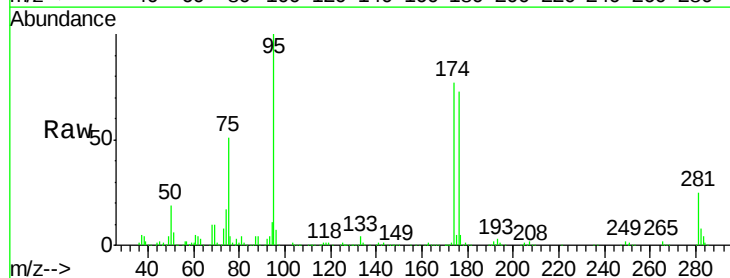
Manual Integrations
APPROVED

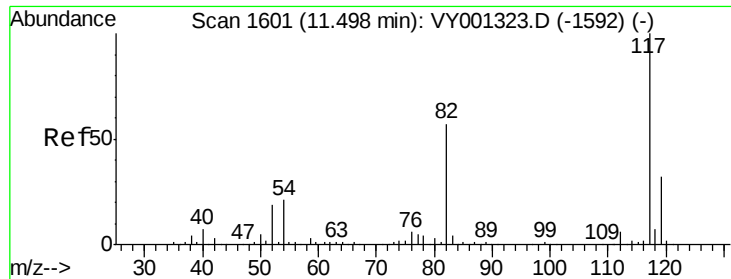
MMDadoda
1/23/2020 10:56:34 AM



#62
4-Bromofluorobenzene
Concen: 49.834 ug/l
RT: 12.50 min Scan# 1765
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	142.0
176	70.4	0.0	138.6





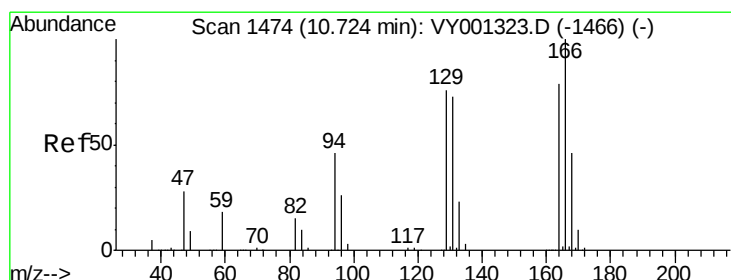
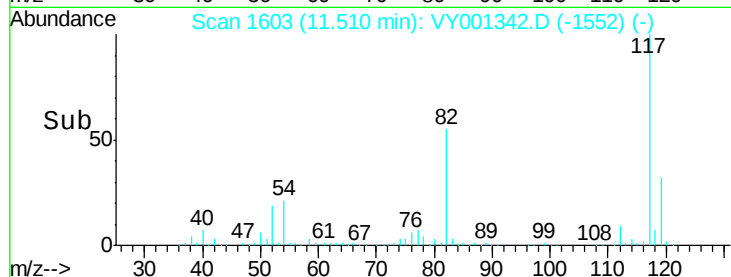
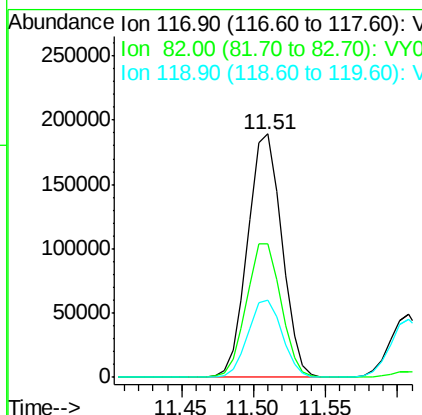
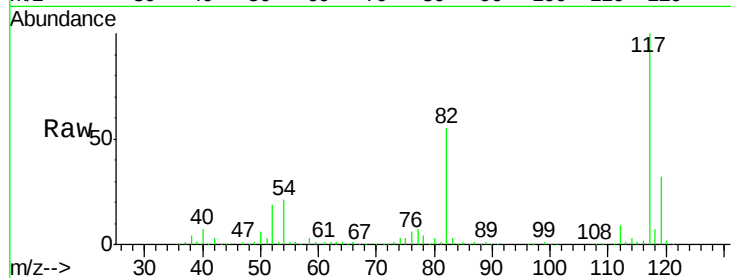
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.5	68.3
119	31.7	25.8	38.6

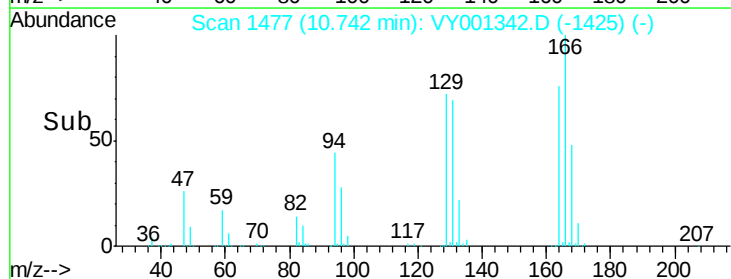
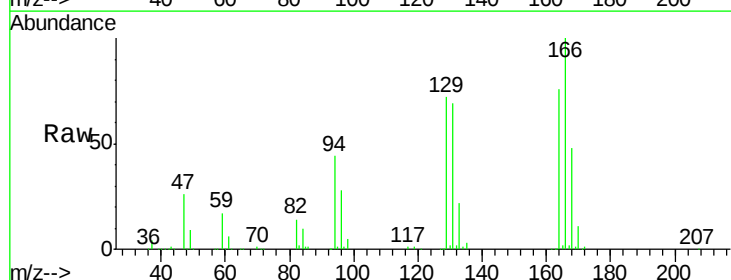
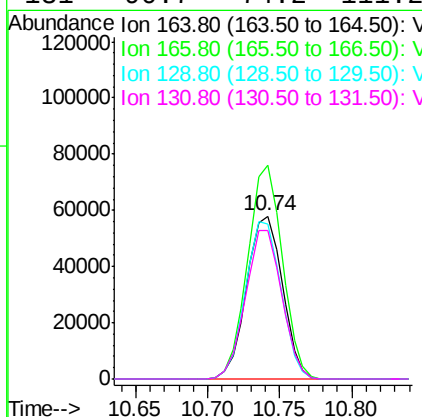
Manual Integrations
APPROVED

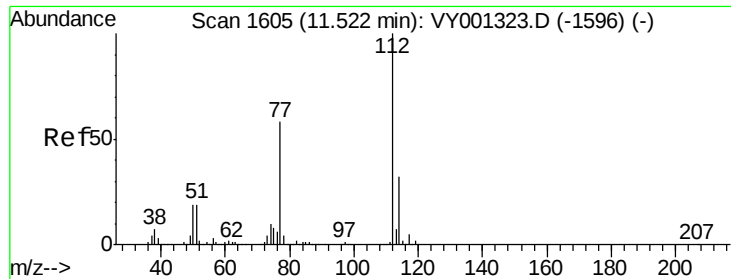
MMDadoda
1/23/2020 10:56:34 AM



#64
Tetrachloroethene
Concen: 50.503 ug/l
RT: 10.74 min Scan# 1477
Delta R.T. 0.02 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.9	101.8	152.8
129	94.6	77.1	115.7
131	90.7	74.2	111.2





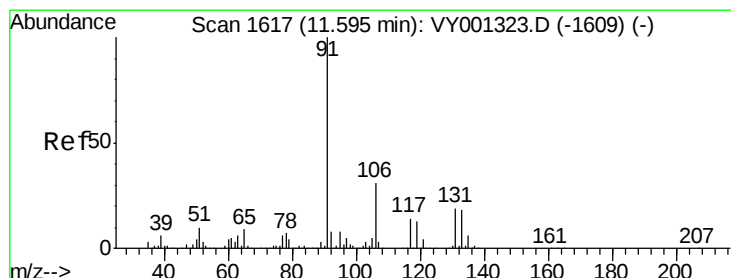
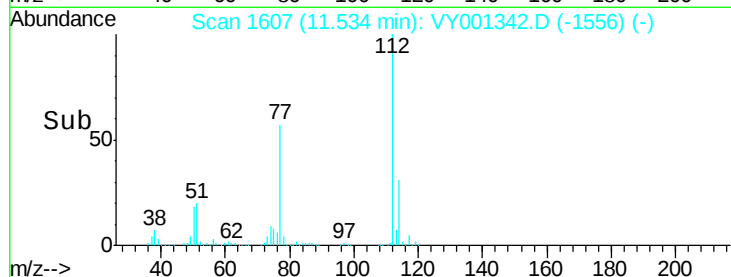
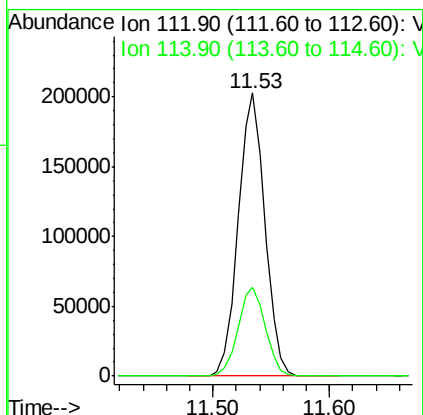
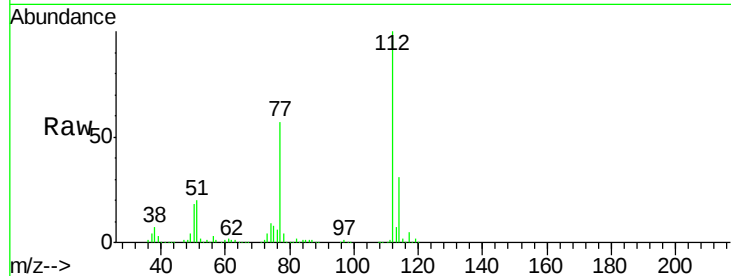
#65
Chlorobenzene
Concen: 49.271 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 322370
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6

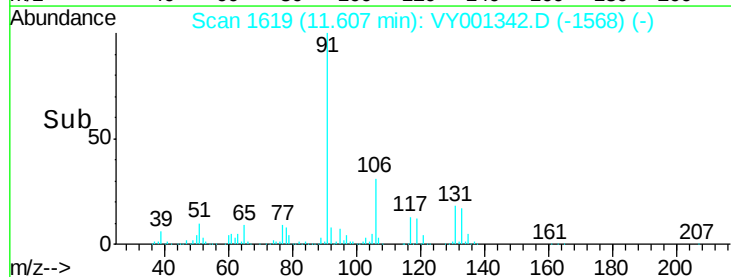
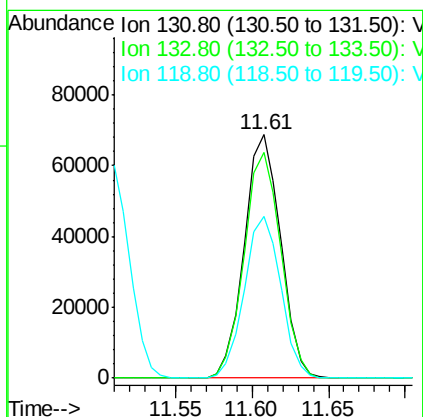
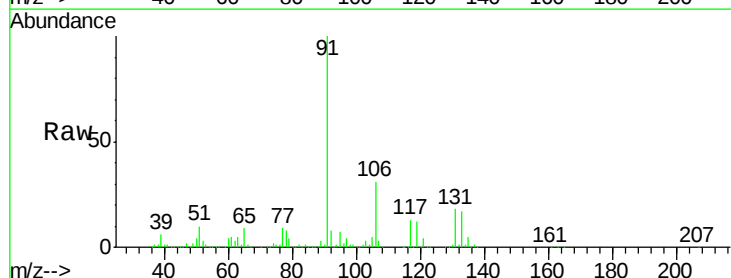
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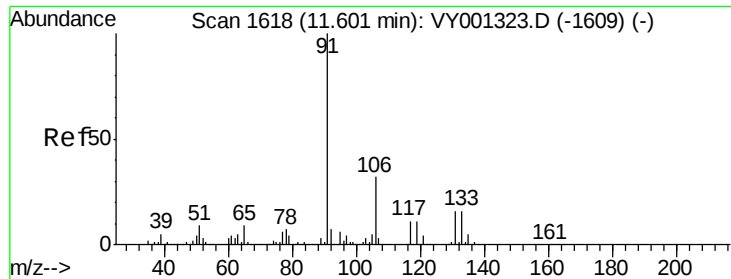
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.873 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion:131 Resp: 113590
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.3
119 66.5 34.1 102.2





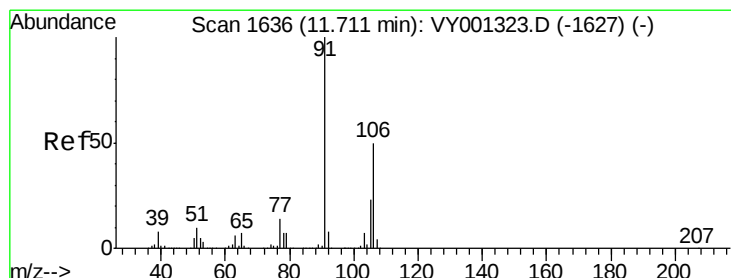
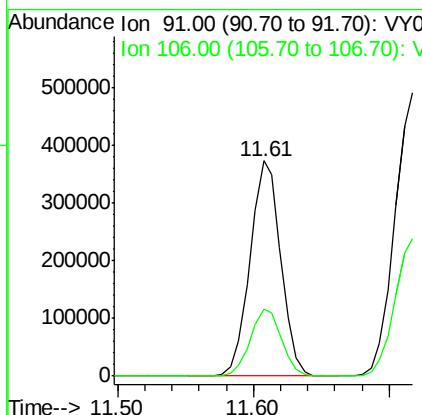
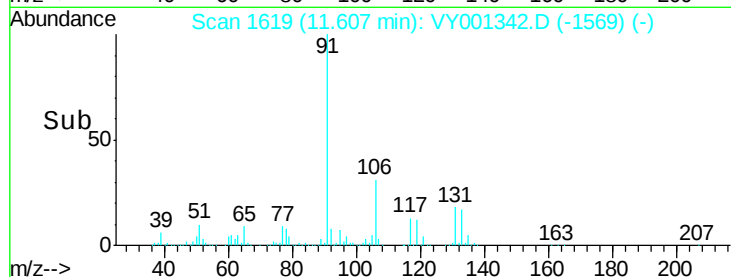
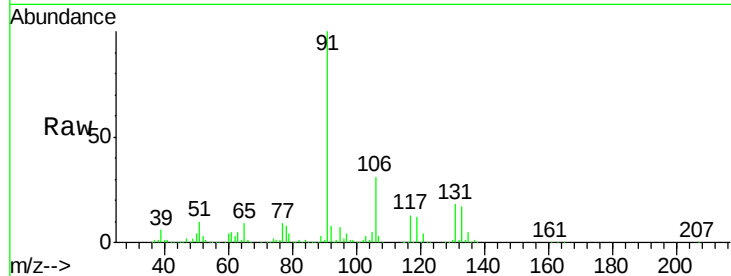
#67
Ethyl Benzene
Concen: 48.855 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 589081
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.0

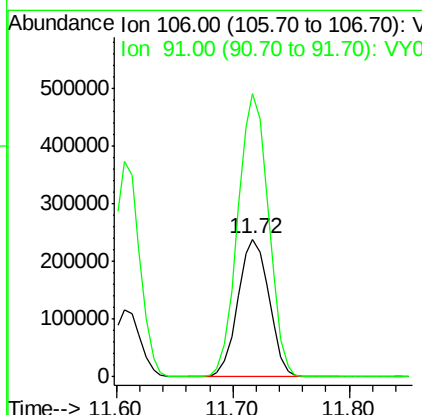
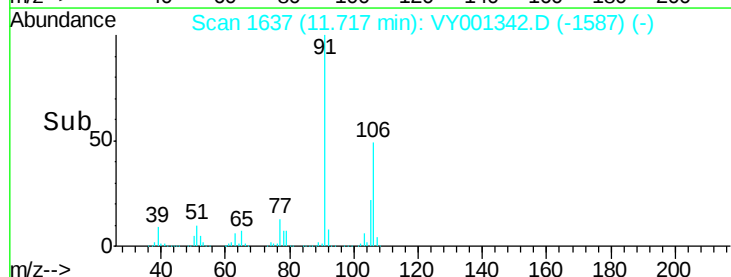
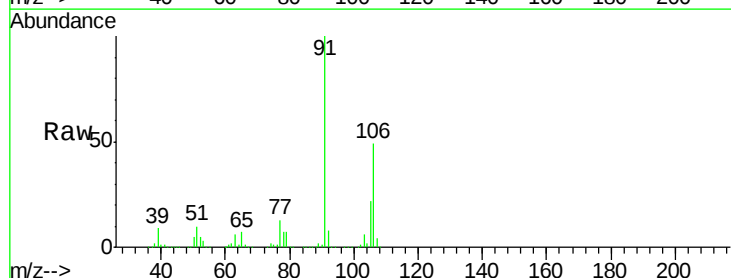
Manual Integrations
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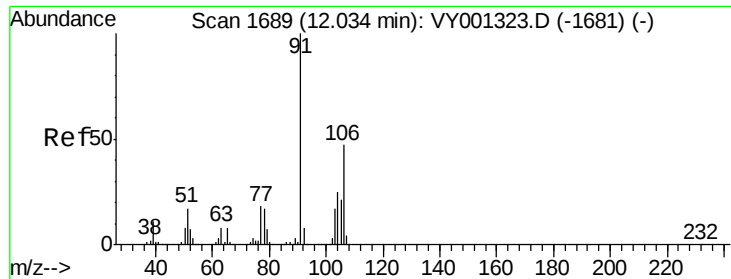
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#68
m/p-Xylenes
Concen: 98.684 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion: 106 Resp: 444413
Ion Ratio Lower Upper
106 100
91 203.0 162.8 244.2





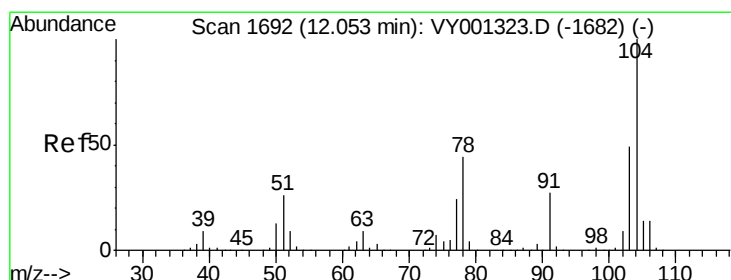
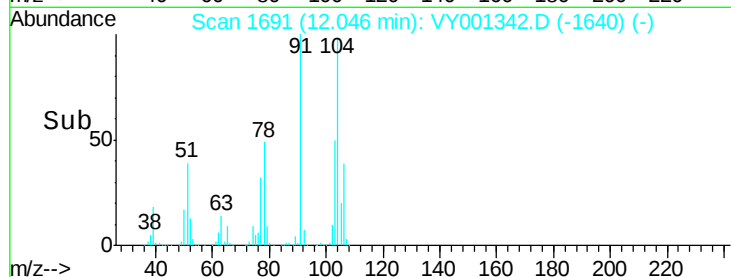
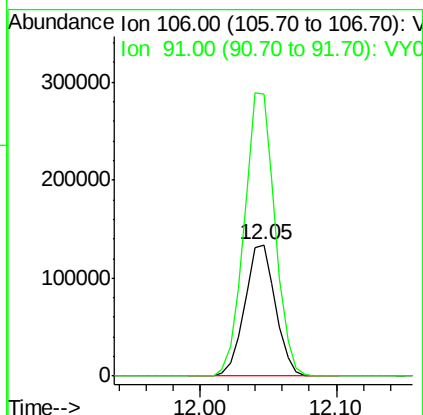
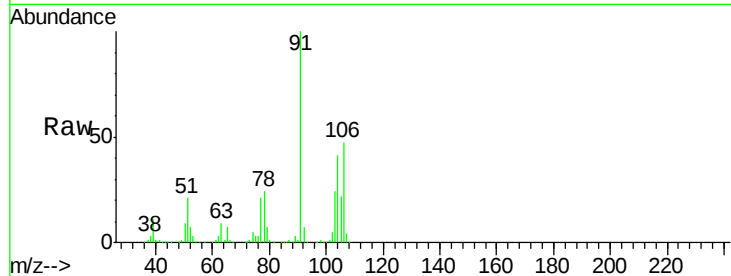
#69
o-Xylene
Concen: 48.748 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
211189	106	100		
	91	215.5	106.3	319.0

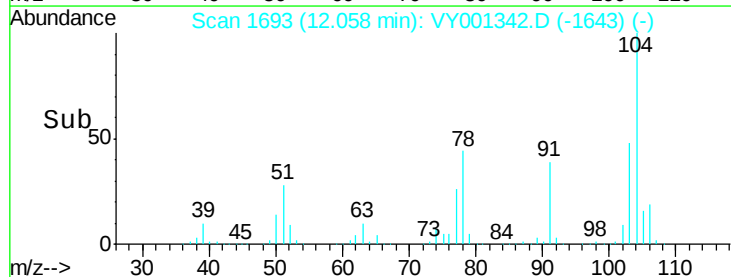
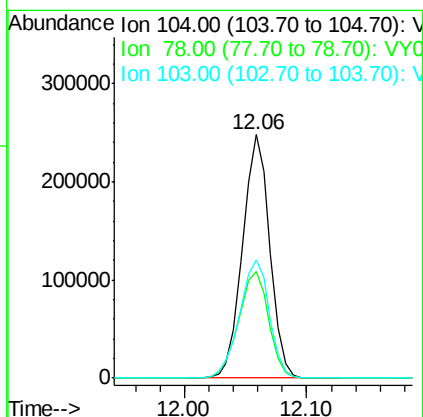
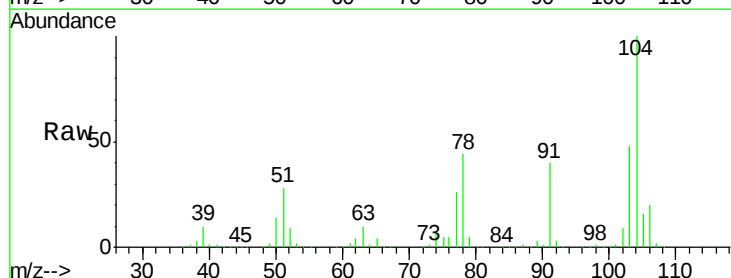
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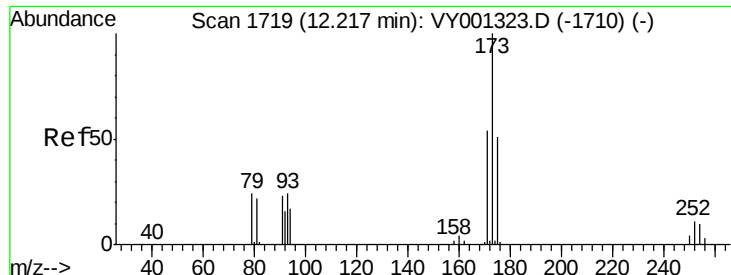
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#70
Styrene
Concen: 50.215 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	Ion	Ratio	Lower	Upper
381691	104	100		
	78	48.4	39.8	59.8
	103	53.1	43.2	64.8





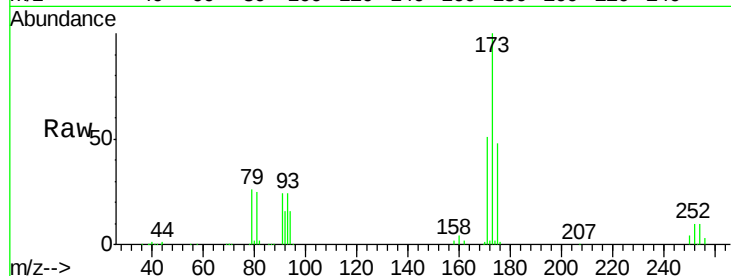
#71
Bromoform
Concen: 50.784 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

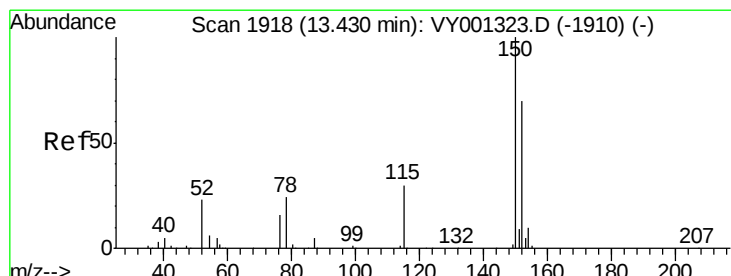
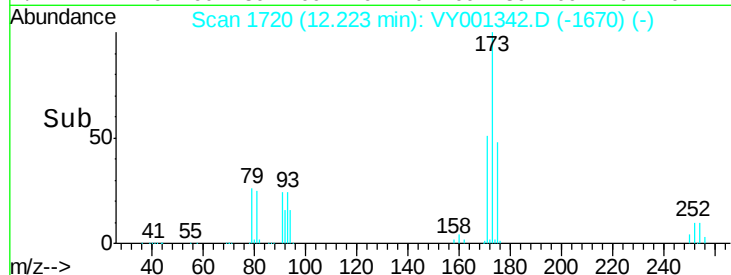
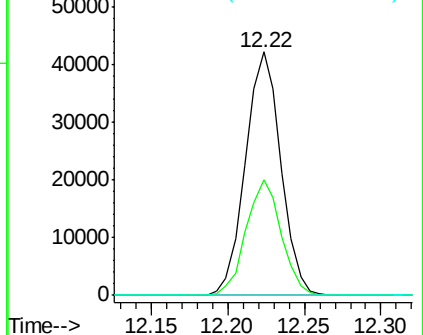
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.3	72.9
254	0.0	0.0	0.0

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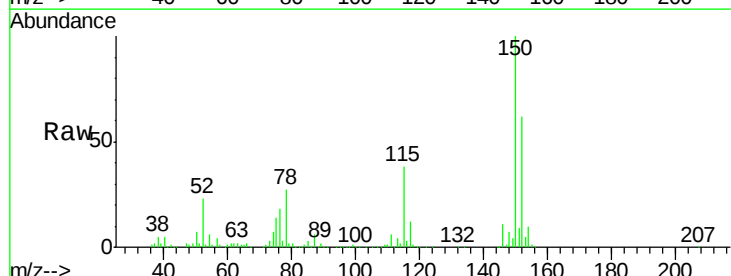


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

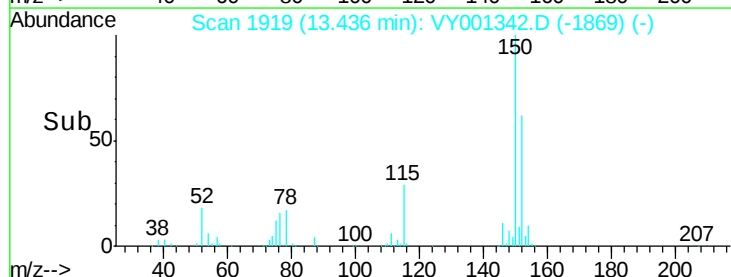
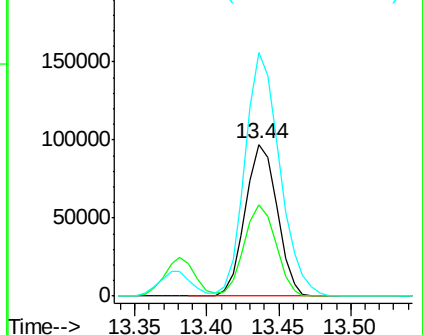


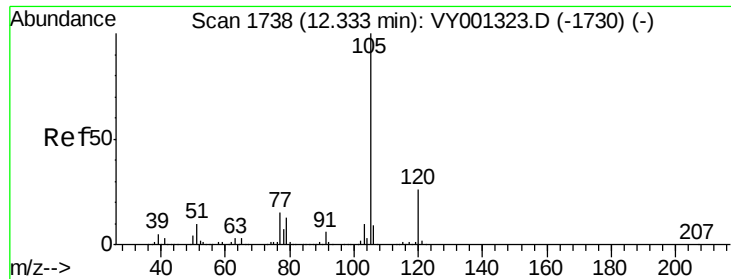
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.9	92.8
150	173.7	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





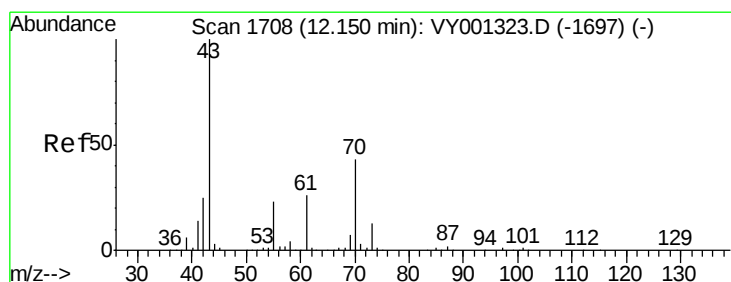
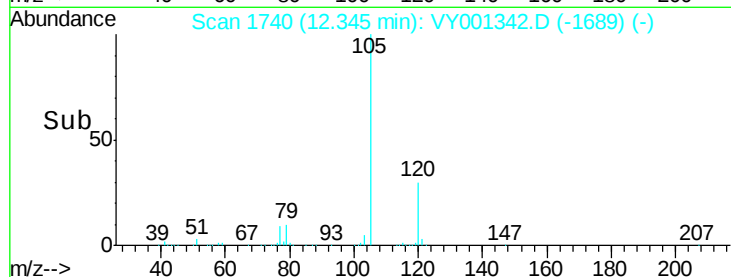
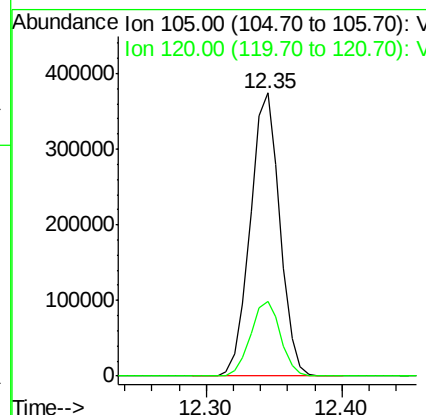
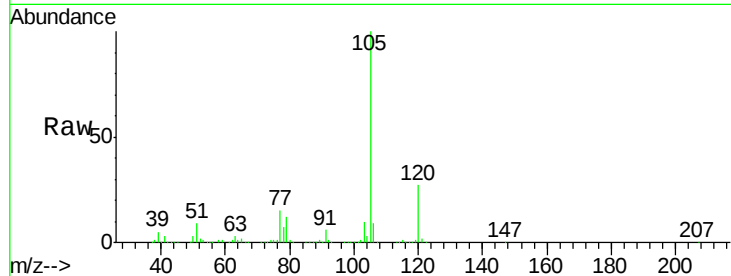
#73
Isopropylbenzene
Concen: 48.082 ug/l
RT: 12.35 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.5	40.4

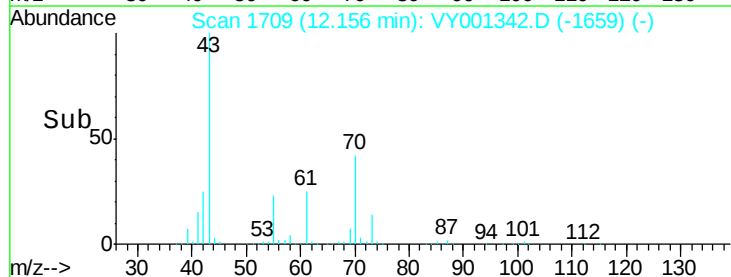
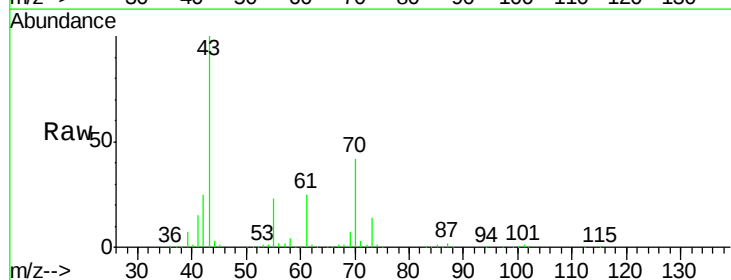
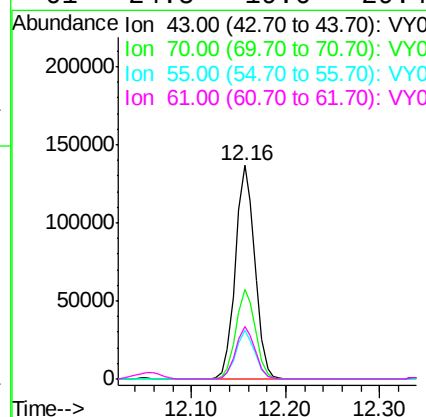
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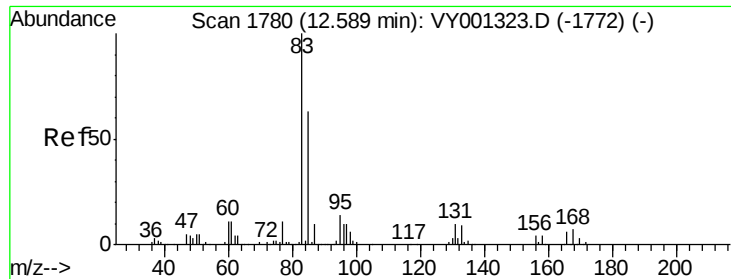
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#74
N-ethyl acetate
Concen: 50.493 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.2	33.5	50.3
55	22.2	18.2	27.2
61	24.5	19.6	29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.560 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Instrument :

MSVOA_Y

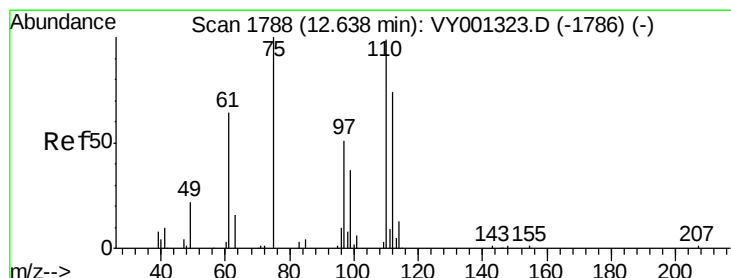
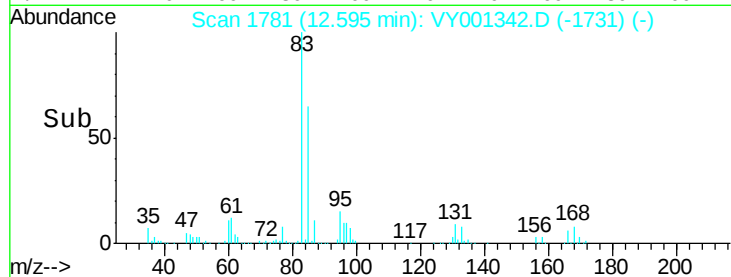
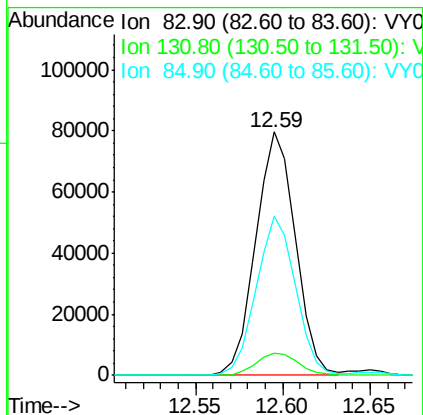
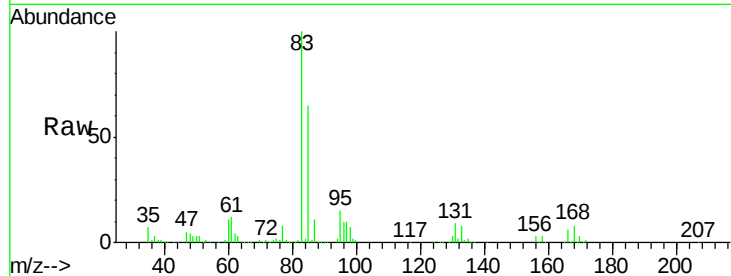
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	125352
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.6
85	64.7	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.149 ug/l m

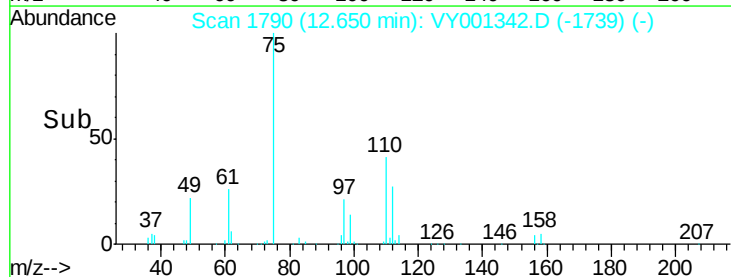
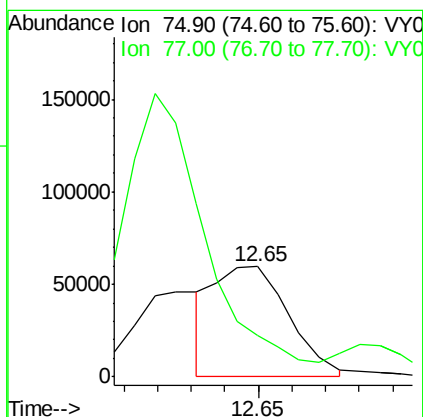
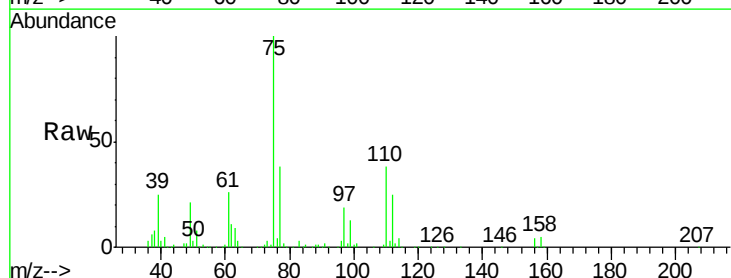
RT: 12.65 min Scan# 1790

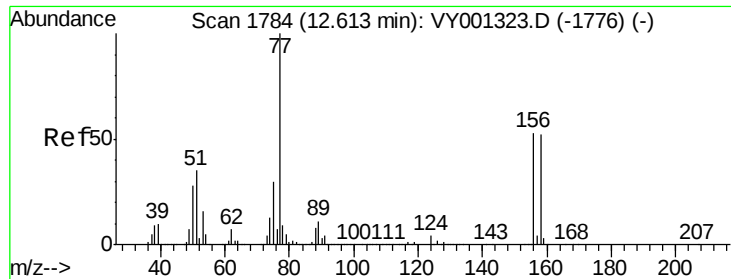
Delta R.T. 0.01 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Tgt Ion:	75	Resp:	92248
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





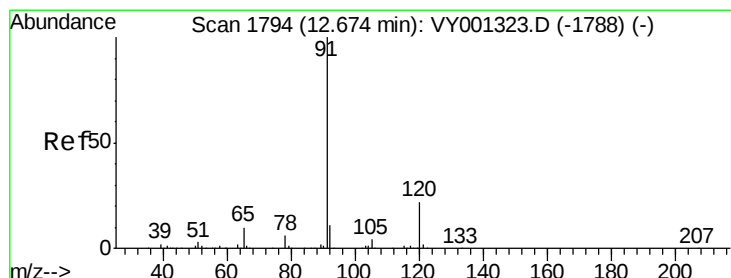
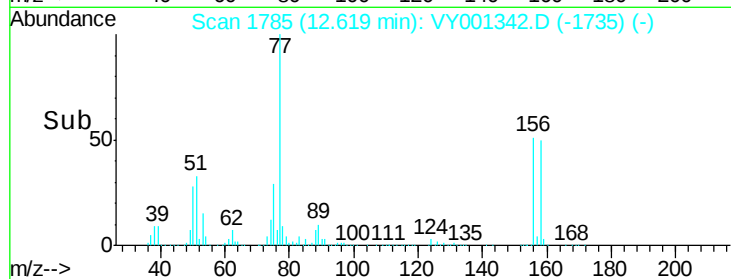
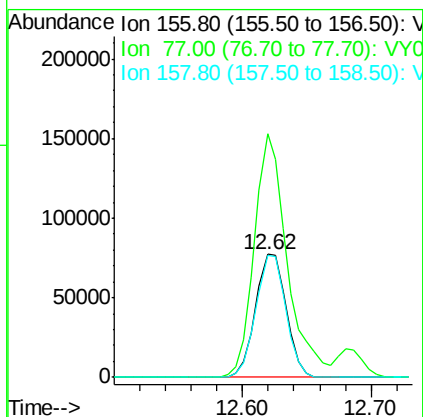
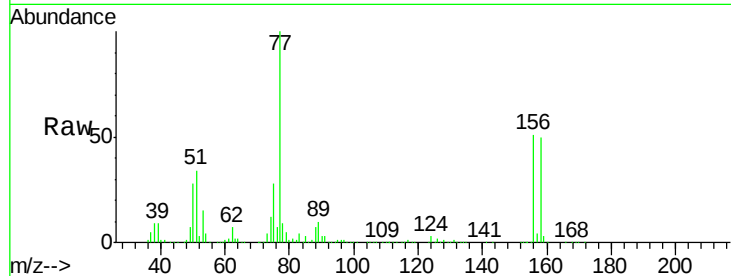
#77
Bromobenzene
Concen: 48.480 ug/l
RT: 12.62 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	212.0	104.7	313.9
158	97.0	48.6	145.8

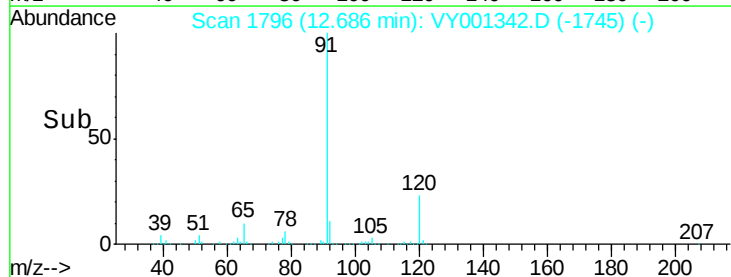
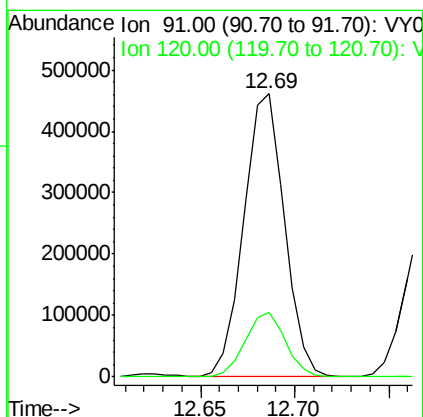
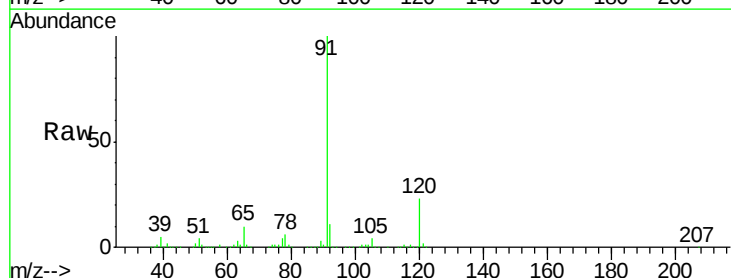
Manual Integrations
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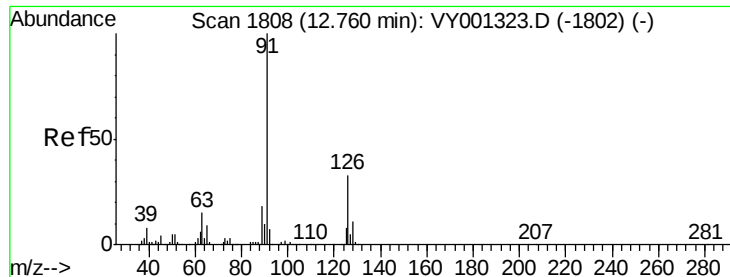
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#78
n-propylbenzene
Concen: 48.567 ug/l
RT: 12.69 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.8





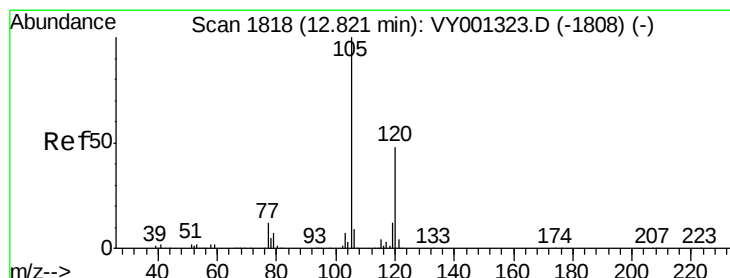
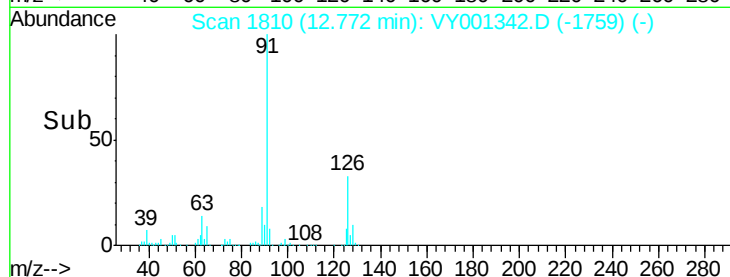
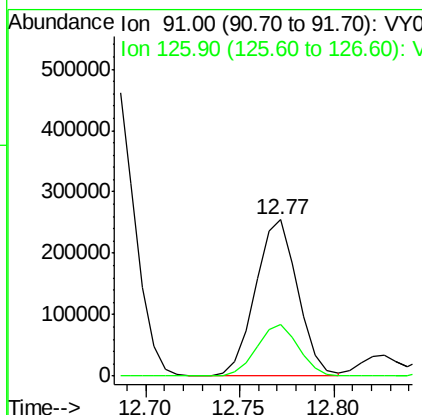
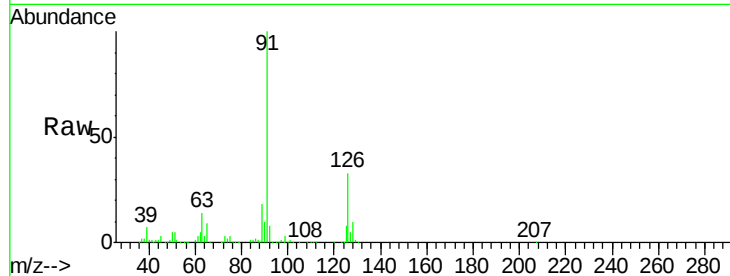
#79
 2-Chlorotoluene
 Concen: 48.639 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 394989
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.6 49.7

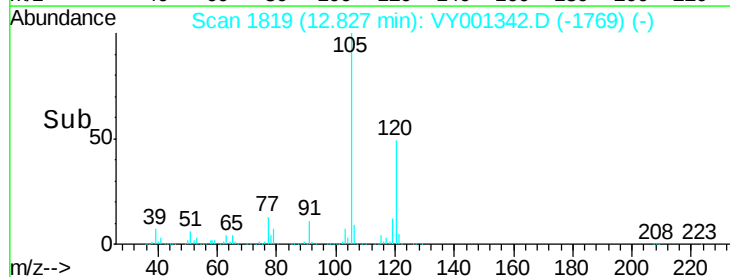
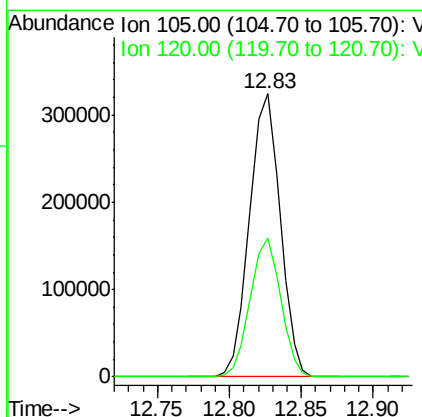
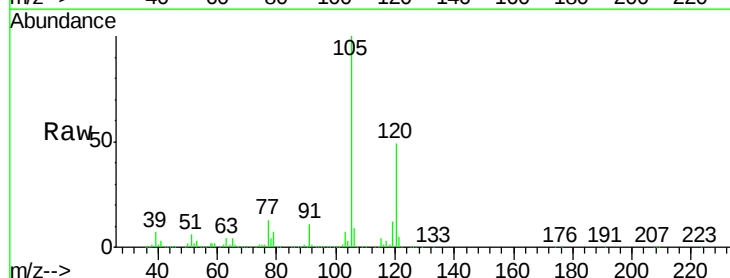
Manual Integrations
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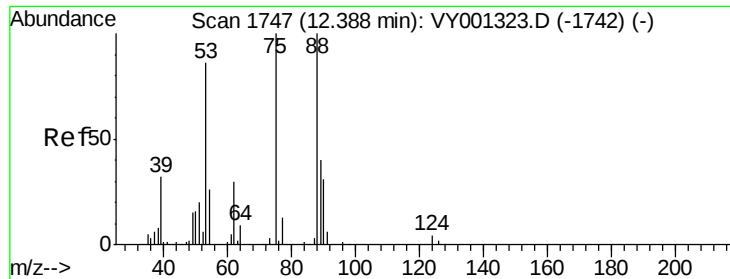
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.555 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Tgt Ion: 105 Resp: 478661
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 72.9





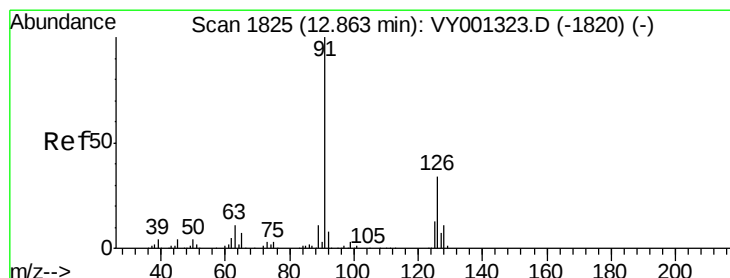
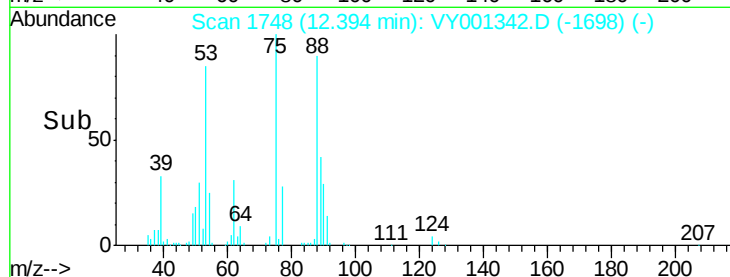
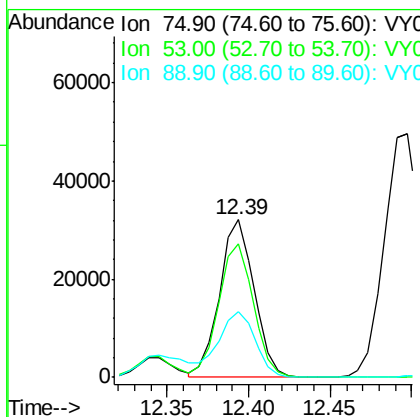
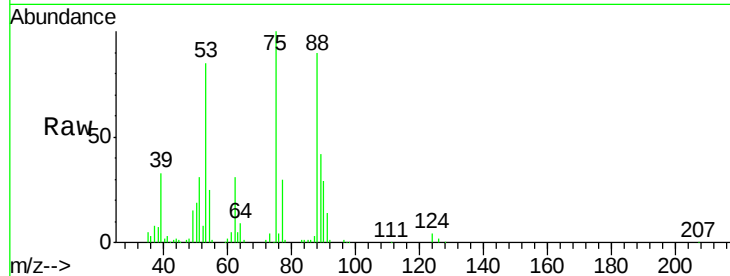
#81
trans-1,4-Dichloro-2-butene
Concen: 49.949 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 47603
Ion Ratio Lower Upper
75 100
53 85.3 69.9 104.9
89 45.9 36.6 54.8

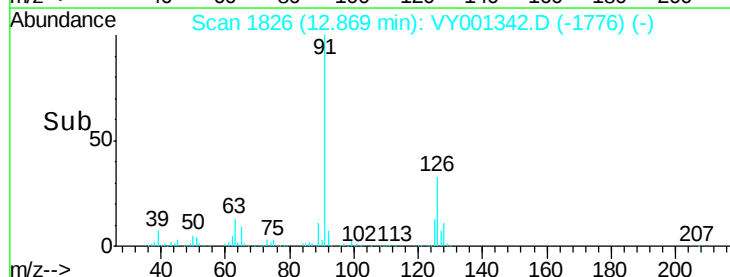
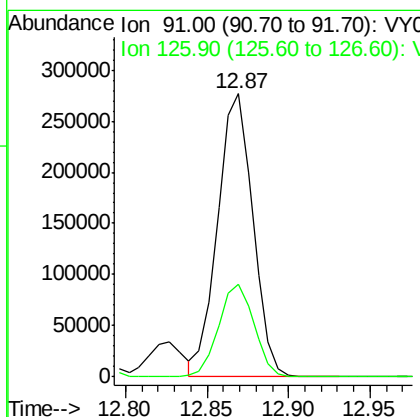
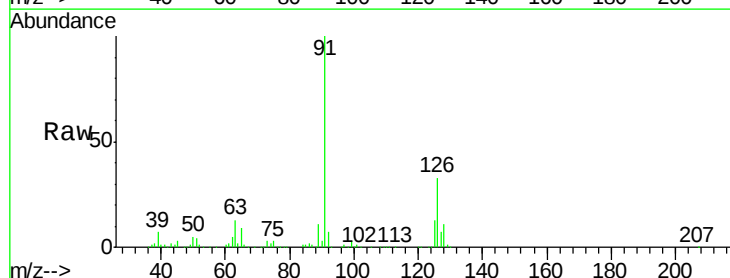
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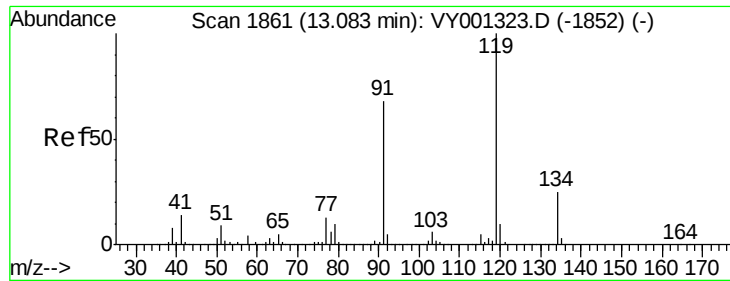
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#82
4-Chlorotoluene
Concen: 48.080 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion: 91 Resp: 417065
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4





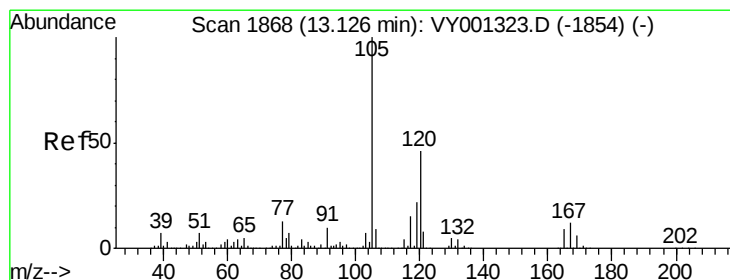
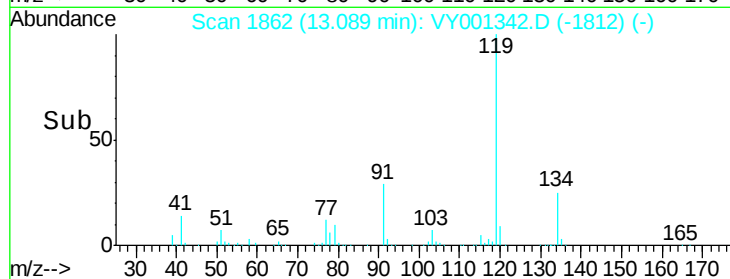
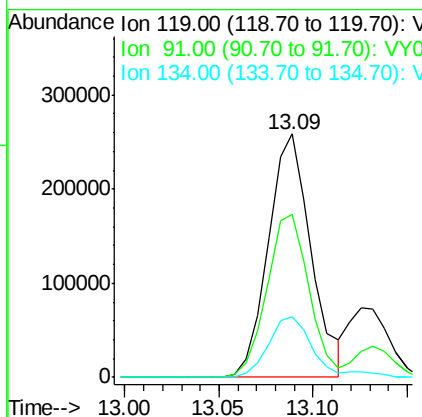
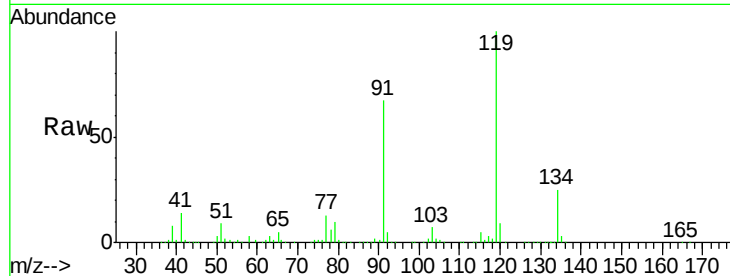
#83
tert-Butylbenzene
Concen: 48.943 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.8	33.0	99.0
134	26.4	13.3	39.9

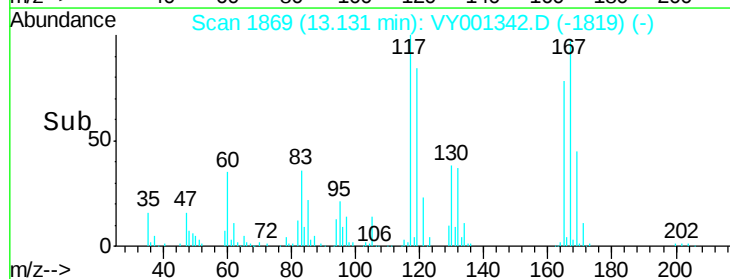
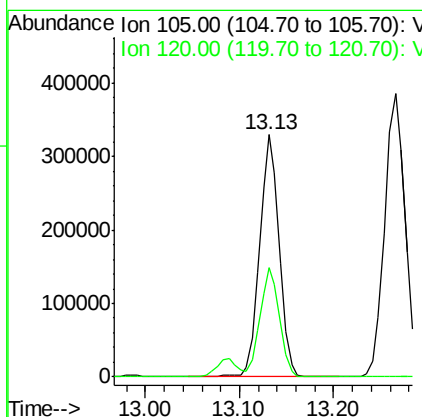
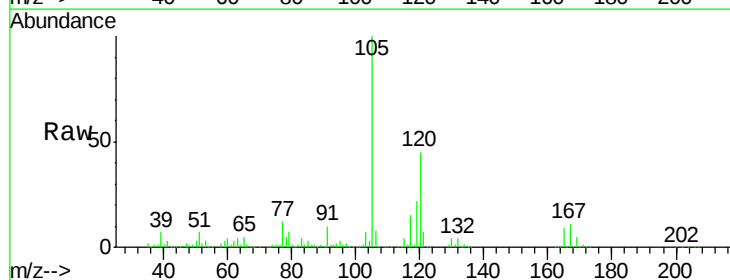
Manual Integrations
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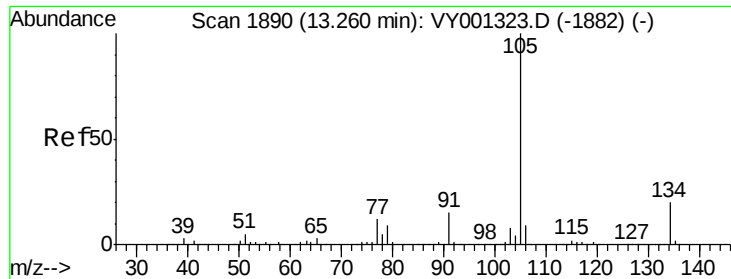
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#84
1,2,4-Trimethylbenzene
Concen: 48.711 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.4	67.3





#85

sec-Butylbenzene

Concen: 49.109 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 579800

Ion Ratio Lower Upper

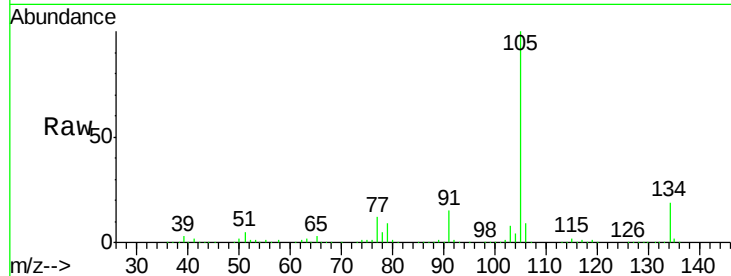
105 100

134 19.8 9.8 29.4

Manual Integrations
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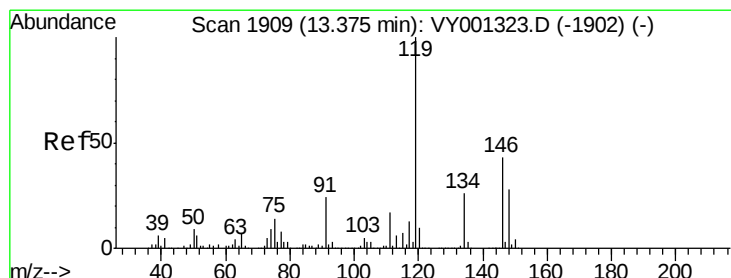
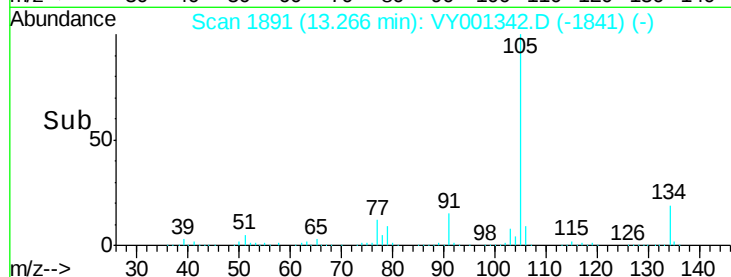
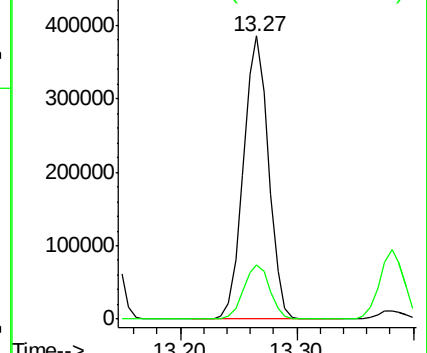
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.732 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

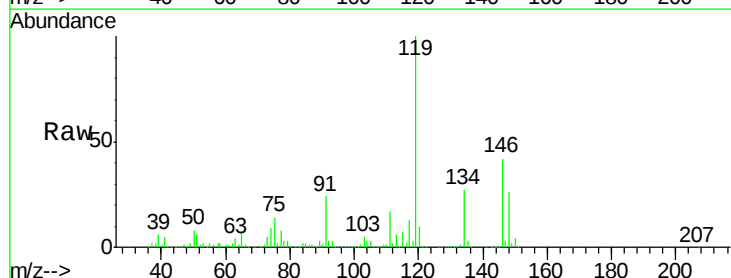
Tgt Ion:119 Resp: 507016

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

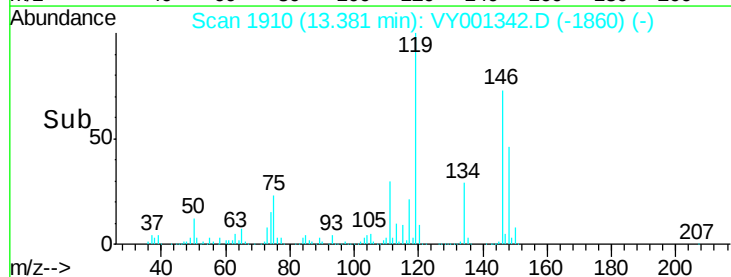
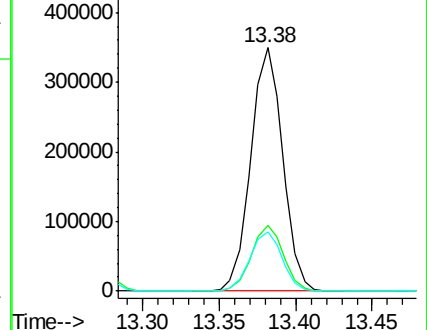
91 24.3 12.2 36.6

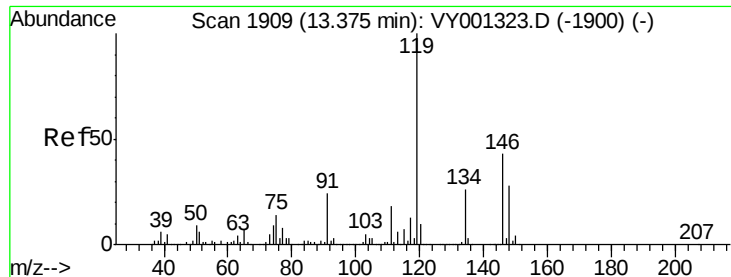


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 48.195 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Instrument :

MSVOA_Y

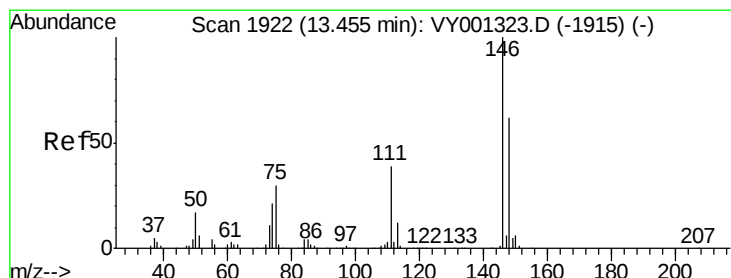
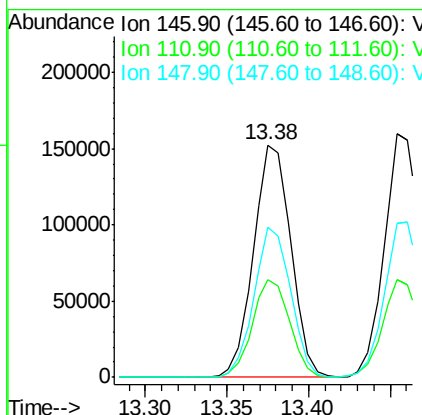
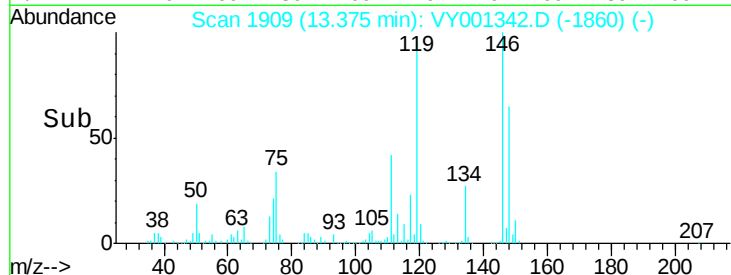
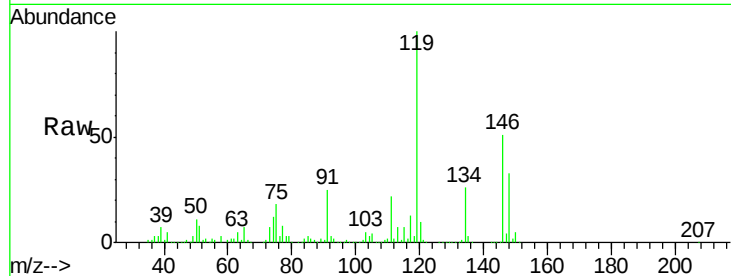
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	242798
Ion Ratio	Lower	Upper	
146	100		
111	42.0	20.6	61.8
148	63.4	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 48.562 ug/l

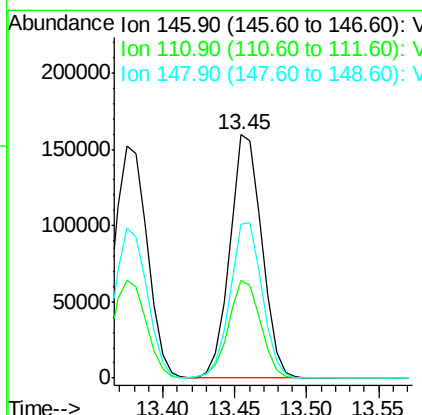
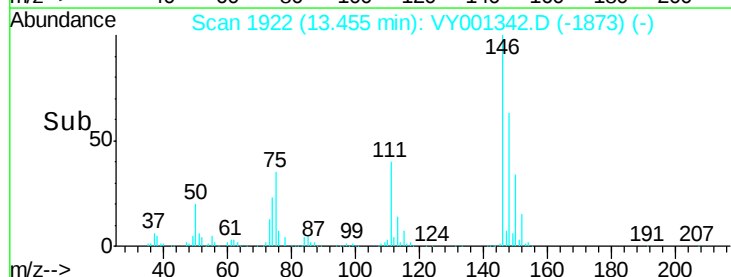
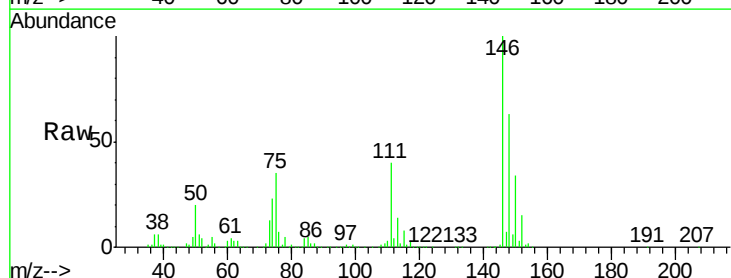
RT: 13.45 min Scan# 1922

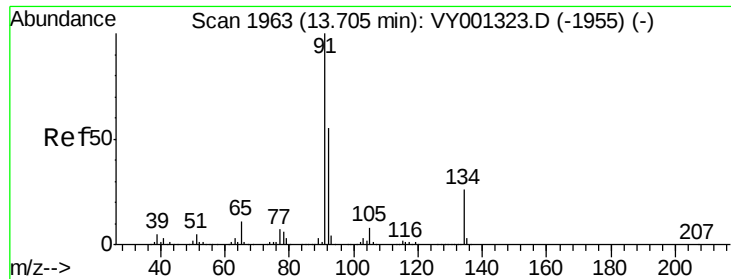
Delta R.T. -0.00 min

Lab File: VY001342.D

Acq: 22 Jan 2020 19:27

Tgt Ion:	146	Resp:	248401
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.5	61.5
148	64.2	31.6	95.0





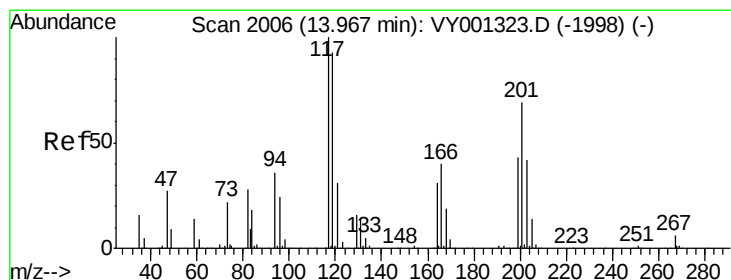
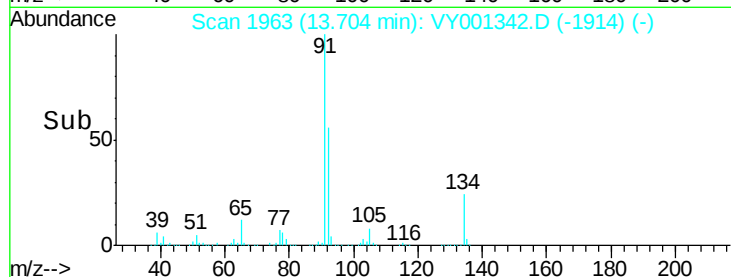
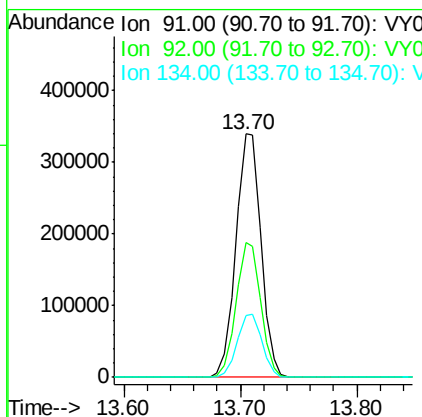
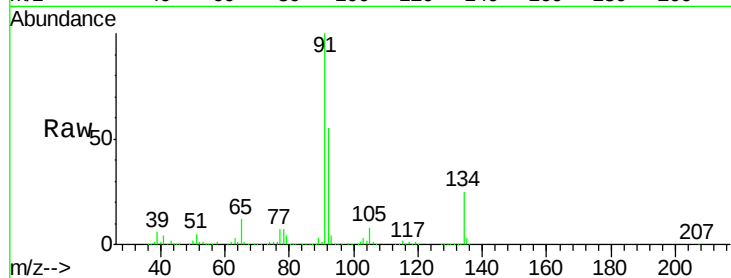
#89
n-Butylbenzene
Concen: 48.723 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.6	82.8
134	25.6	12.9	38.6

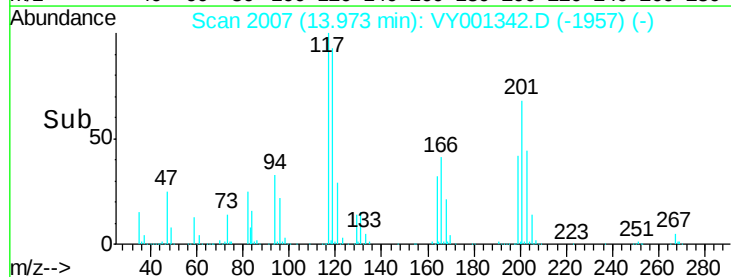
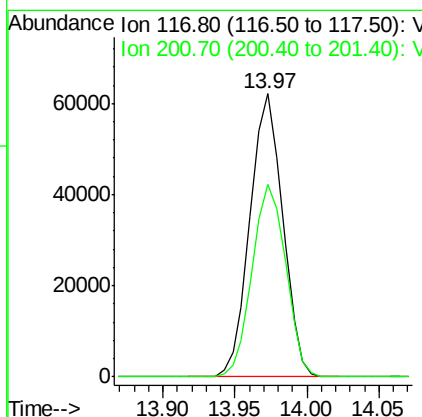
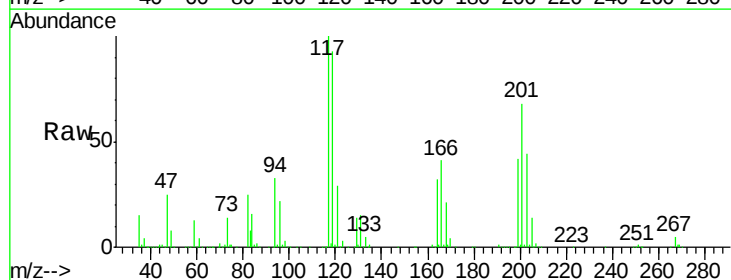
Manual Integrations
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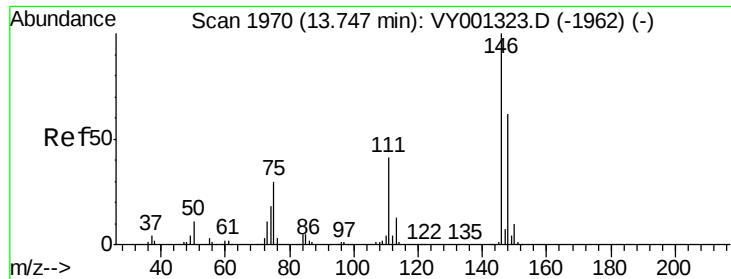
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#90
Hexachloroethane
Concen: 49.583 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.8	34.6	103.8





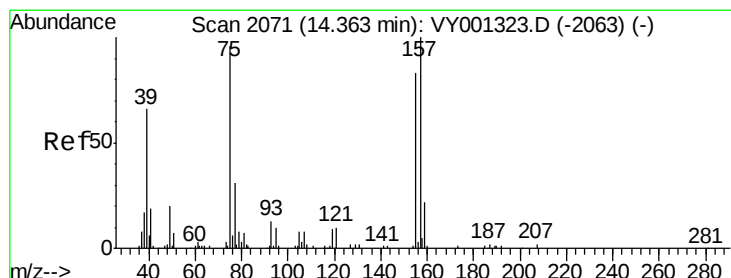
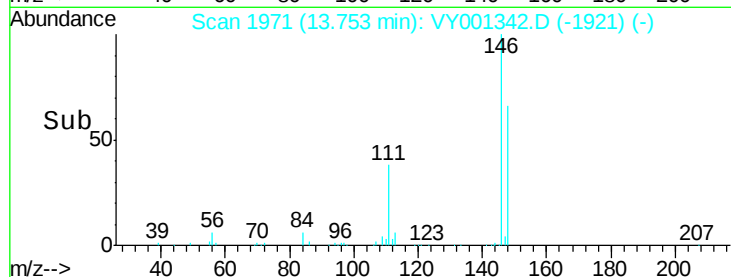
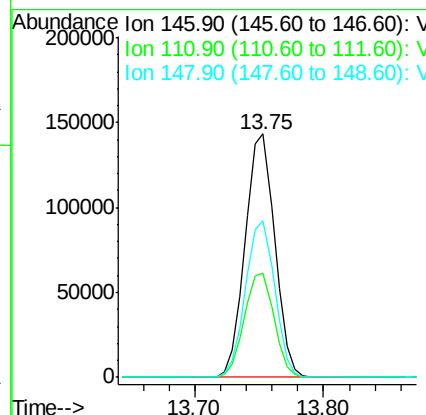
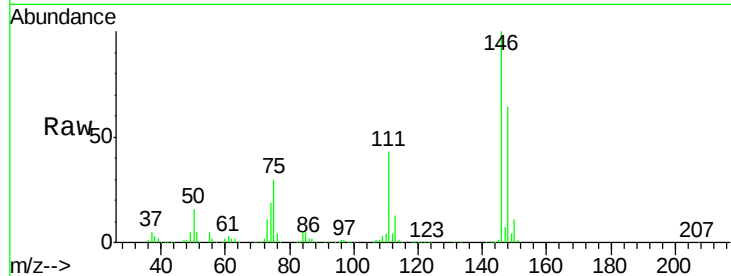
#91
 1,2-Dichlorobenzene
 Concen: 48.912 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.1	63.4
148	63.8	31.5	94.5

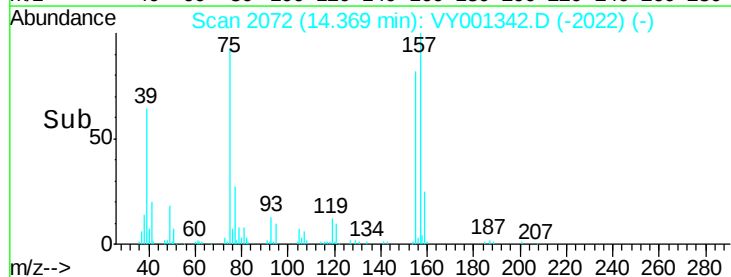
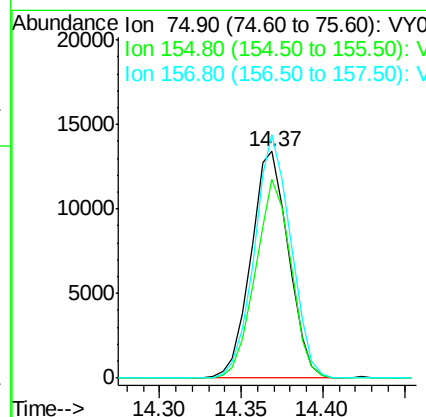
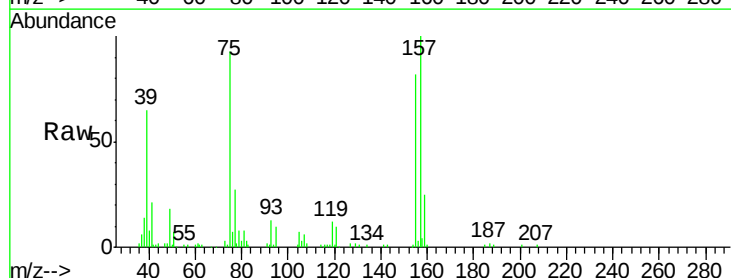
Manual Integrations
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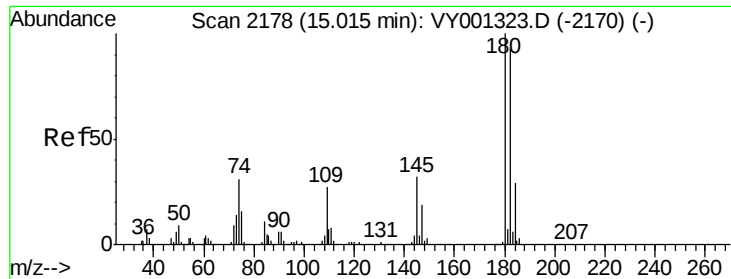
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.369 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	43.0	129.2
157	103.7	53.3	160.0





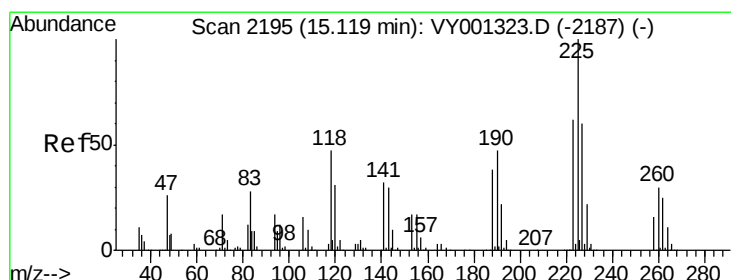
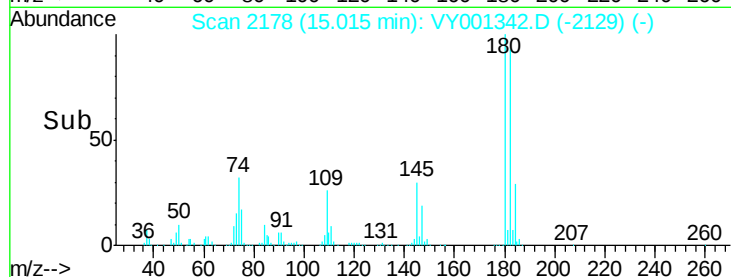
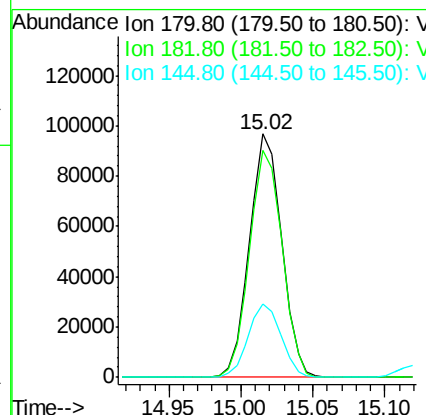
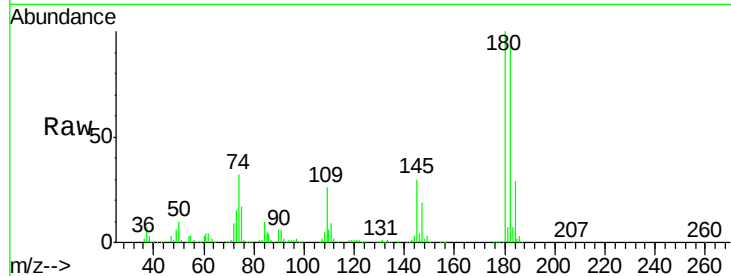
#93
 1,2,4-Trichlorobenzene
 Concen: 47.926 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.6	142.8
145	30.8	16.3	48.9

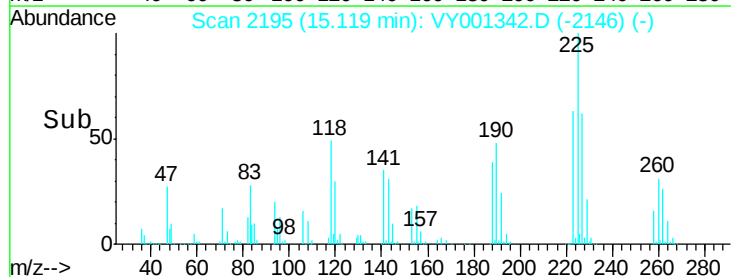
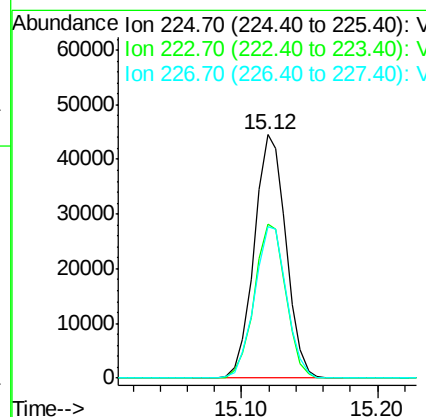
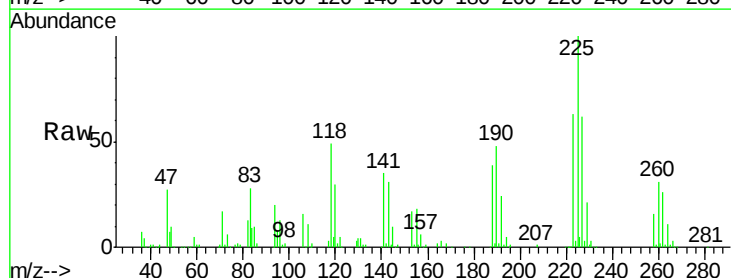
Manual Integrations
 APPROVED

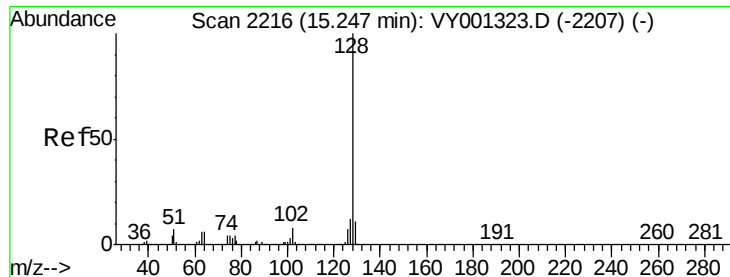
MMDadoda
 1/23/2020 10:56:34 AM



#94
 Hexachlorobutadiene
 Concen: 47.904 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY001342.D
 Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.2	93.6
227	62.9	31.0	93.0





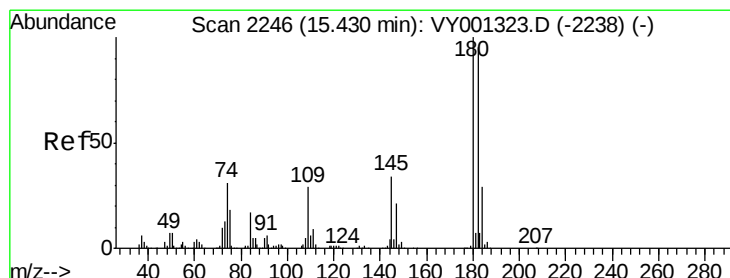
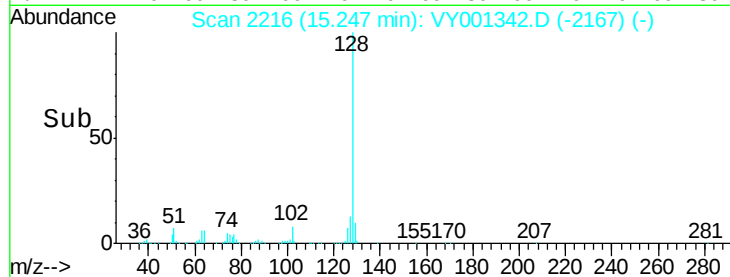
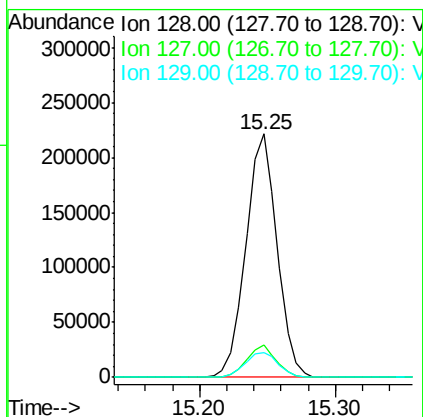
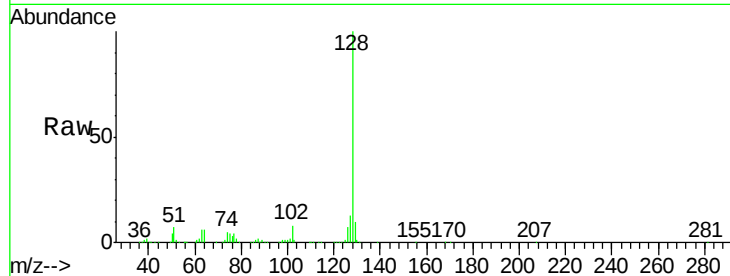
#95
Naphthalene
Concen: 49.743 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/23/2020 10:56:34 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.210 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001342.D
Acq: 22 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.3	141.8
145	34.1	16.8	50.3

