

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
 Data File : VY001344.D
 Acq On : 23 Jan 2020 11:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 4:03:20 PM

Quant Time: Jan 24 07:20:14 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	7.82	168	221077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	378383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	333766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	158247	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	109601	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
35) Dibromofluoromethane	7.75	113	101296	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
50) Toluene-d8	10.20	98	422122	48.92	ug/l	0.01
Spiked Amount	50.000		Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.50	95	156395	45.52	ug/l	0.01
Spiked Amount	50.000		Recovery	=	91.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	84041	48.205	ug/l	99
3) Chloromethane	2.13	50	119787	45.460	ug/l	97
4) Vinyl Chloride	2.27	62	129676	47.198	ug/l	96
5) Bromomethane	2.67	94	82940	44.823	ug/l	96
6) Chloroethane	2.82	64	81170	46.234	ug/l	97
7) Trichlorofluoromethane	3.15	101	169770	48.294	ug/l	96
8) Diethyl Ether	3.56	74	65097	43.867	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	109726	49.013	ug/l	100
10) Methyl Iodide	4.13	142	138752	46.992	ug/l	100
11) Tert butyl alcohol	4.99	59	65192	212.663	ug/l	98
12) 1,1-Dichloroethene	3.91	96	110206	46.951	ug/l	95
13) Acrolein	3.76	56	62311	354.632	ug/l	100
14) Allyl chloride	4.52	41	195531	46.711	ug/l	99
15) Acrylonitrile	5.21	53	169223	222.777	ug/l	99
16) Acetone	3.98	43	178727	283.033	ug/l	97
17) Carbon Disulfide	4.23	76	340642	46.143	ug/l	98
18) Methyl Acetate	4.51	43	85166	41.981	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	306700	44.625	ug/l	99
20) Methylene Chloride	4.76	84	124994	41.343	ug/l	97
21) trans-1,2-Dichloroethene	5.26	96	126027	46.222	ug/l	99
22) Diisopropyl ether	6.16	45	402480	45.280	ug/l	98
23) Vinyl Acetate	6.10	43	1309726	226.963	ug/l	100
24) 1,1-Dichloroethane	6.06	63	216824	46.278	ug/l	98
25) 2-Butanone	7.03	43	249135	237.937	ug/l	98
26) 2,2-Dichloropropane	7.02	77	192261	46.068	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	139679	45.838	ug/l	98
28) Bromochloromethane	7.37	49	96728	50.062	ug/l	99
29) Tetrahydrofuran	7.38	42	150903	221.524	ug/l	98
30) Chloroform	7.54	83	208325	45.363	ug/l	99
31) Cyclohexane	7.82	56	216030	46.440	ug/l	99
32) 1,1,1-Trichloroethane	7.74	97	182554	47.079	ug/l	99
36) 1,1-Dichloropropene	7.95	75	173211	48.454	ug/l	99
37) Ethyl Acetate	7.11	43	100702	46.107	ug/l	99
38) Carbon Tetrachloride	7.93	117	158326	49.696	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	230141	50.255	ug/l	99
40) Benzene	8.19	78	511532	47.723	ug/l	99
41) Methacrylonitrile	7.36	41	56223m	49.884	ug/l	
42) 1,2-Dichloroethane	8.27	62	140120	46.785	ug/l	100
43) Isopropyl Acetate	8.30	43	198022	46.627	ug/l	99
44) Trichloroethene	8.97	130	130409	47.412	ug/l	95
45) 1,2-Dichloropropane	9.24	63	129089	47.641	ug/l	99
46) Dibromomethane	9.33	93	67617	46.483	ug/l	99
47) Bromodichloromethane	9.52	83	165083	47.473	ug/l	97
48) Methyl methacrylate	9.31	41	89081	46.140	ug/l	98
49) 1,4-Dioxane	9.32	88	18997	926.064	ug/l	98
51) 4-Methyl-2-Pentanone	10.09	43	507825	232.191	ug/l	100
52) Toluene	10.26	92	323104	47.553	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	184085	47.760	ug/l	99
54) cis-1,3-Dichloropropene	9.95	75	212333	47.996	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	98942	46.082	ug/l	98
56) Ethyl methacrylate	10.53	69	152749	47.070	ug/l	98
57) 1,3-Dichloropropane	10.81	76	174798	46.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	252246	224.632	ug/l	100
59) 2-Hexanone	10.85	43	380101	249.640	ug/l	100
60) Dibromochloromethane	11.00	129	114832	47.819	ug/l	100
61) 1,2-Dibromoethane	11.11	107	94990	46.799	ug/l	99
64) Tetrachloroethene	10.74	164	103029	48.325	ug/l	99
65) Chlorobenzene	11.53	112	337185	47.927	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	115470	48.094	ug/l	99
67) Ethyl Benzene	11.61	91	626899	48.352	ug/l	99
68) m/p-Xylenes	11.72	106	471787	97.429	ug/l	100
69) o-Xylene	12.05	106	225381	48.382	ug/l	100
70) Styrene	12.06	104	397748	48.664	ug/l	99
71) Bromoform	12.22	173	68287	47.646	ug/l #	100
73) Isopropylbenzene	12.34	105	615833	49.318	ug/l	100
74) N-amyl acetate	12.16	43	196192	47.999	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	127496	47.675	ug/l	98
76) 1,2,3-Trichloropropane	12.65	75	78266m	41.044	ug/l	
77) Bromobenzene	12.62	156	131299	47.473	ug/l	98
78) n-propylbenzene	12.69	91	745944	49.631	ug/l	100
79) 2-Chlorotoluene	12.77	91	417926	48.674	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	509376	48.869	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	48880	48.508	ug/l	98
82) 4-Chlorotoluene	12.87	91	443348	48.339	ug/l	100
83) tert-Butylbenzene	13.09	119	439378	50.009	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	512268	48.952	ug/l	100
85) sec-Butylbenzene	13.27	105	633317	50.734	ug/l	100
86) p-Isopropyltoluene	13.38	119	550503	50.043	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	257445	48.332	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	259082	47.904	ug/l	99
89) n-Butylbenzene	13.71	91	563513	50.899	ug/l	99
90) Hexachloroethane	13.97	117	104668	50.196	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	235996	48.041	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	21295	46.146	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	152650	46.300	ug/l	99
94) Hexachlorobutadiene	15.12	225	77871	48.507	ug/l	99
95) Naphthalene	15.25	128	352354	46.738	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	133893	46.295	ug/l	99

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

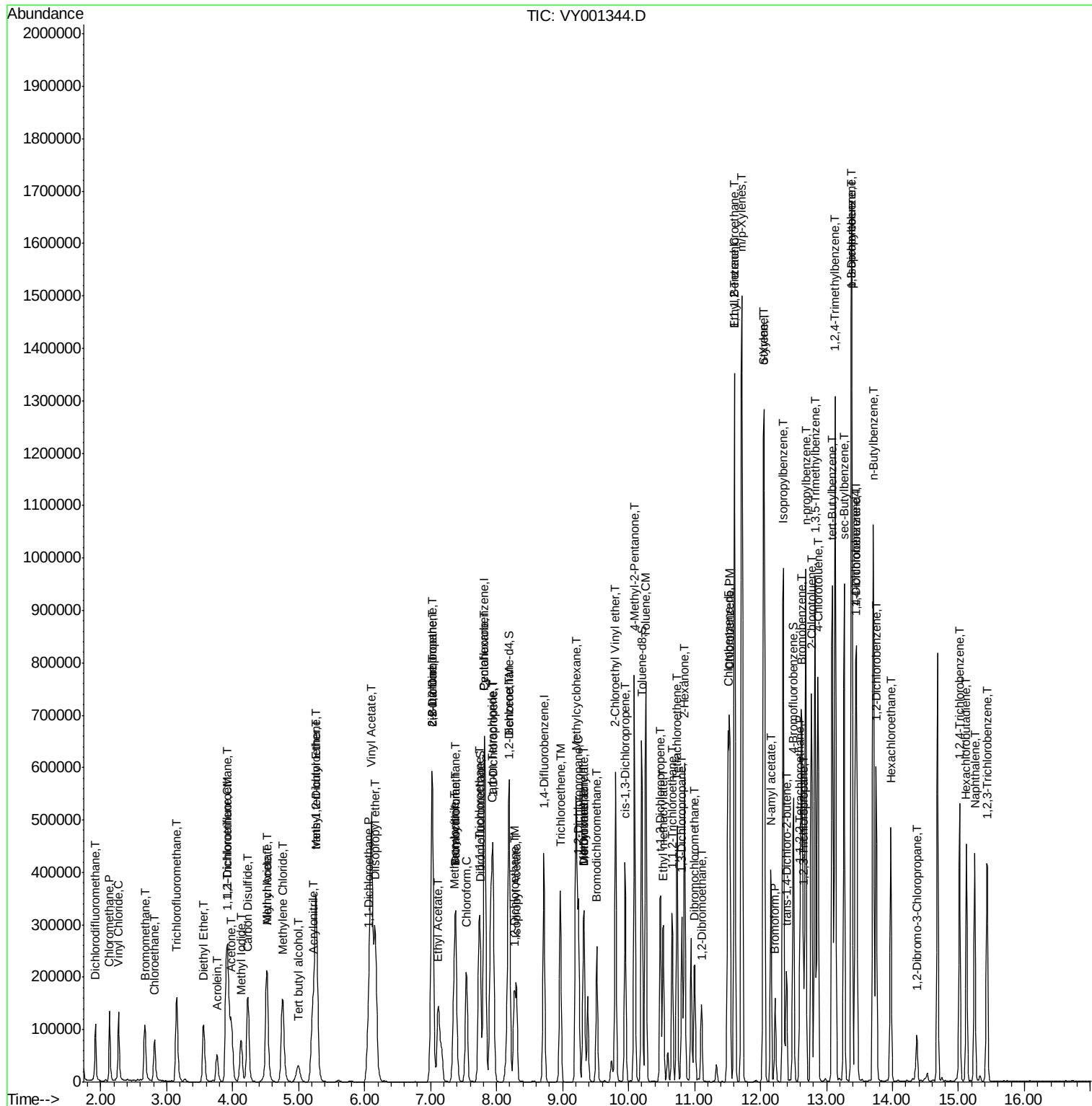
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
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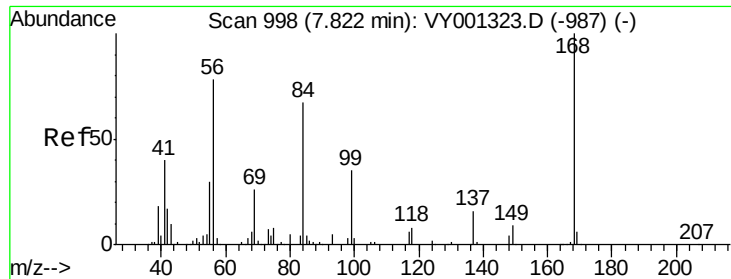
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 221077

Ion Ratio Lower Upper

168 100

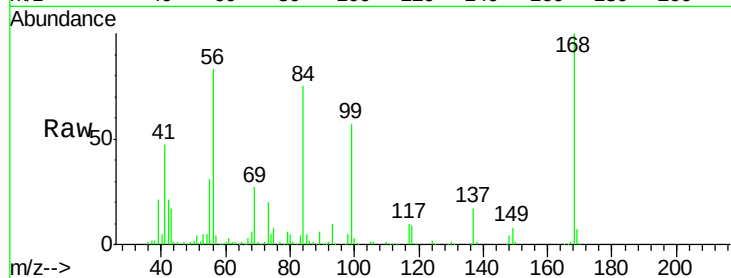
99 57.0 44.3 66.5

Manual Integrations

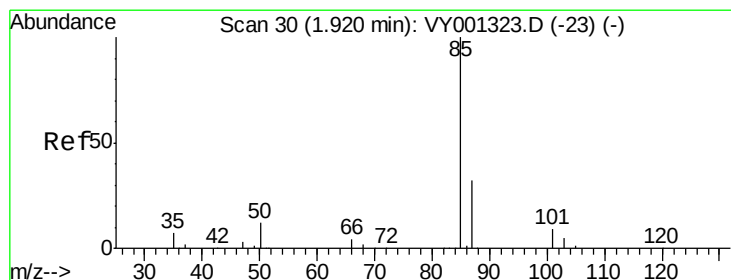
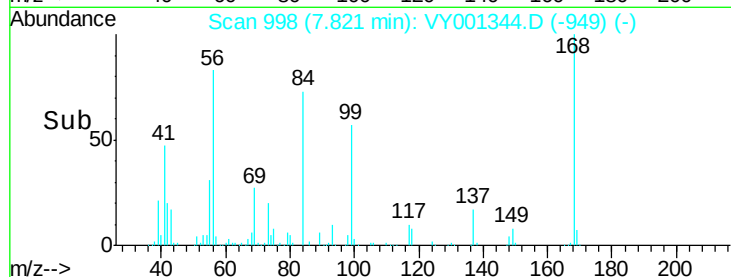
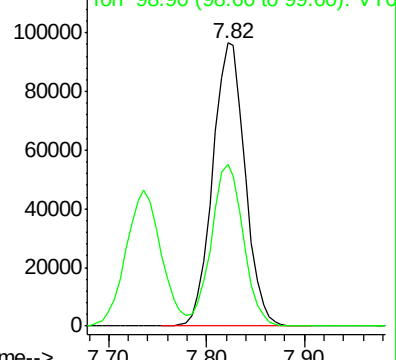
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Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 48.205 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY001344.D

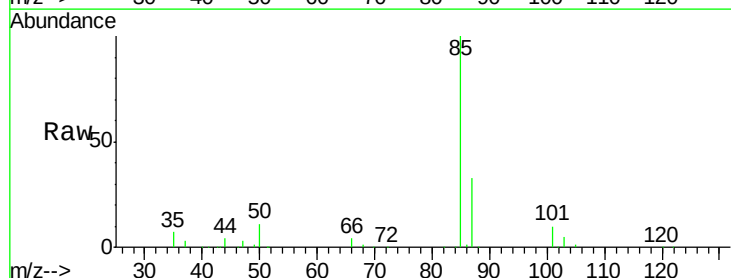
Acq: 23 Jan 2020 11:07

Tgt Ion: 85 Resp: 84041

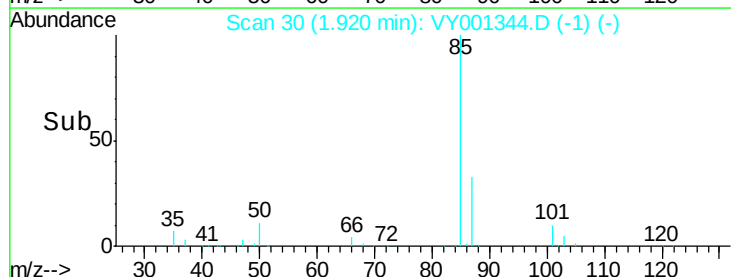
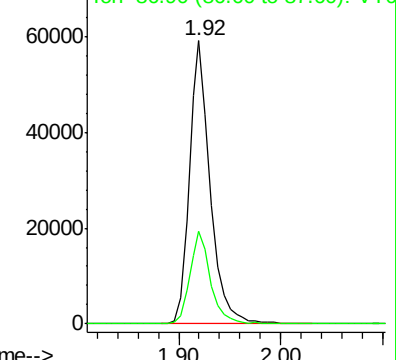
Ion Ratio Lower Upper

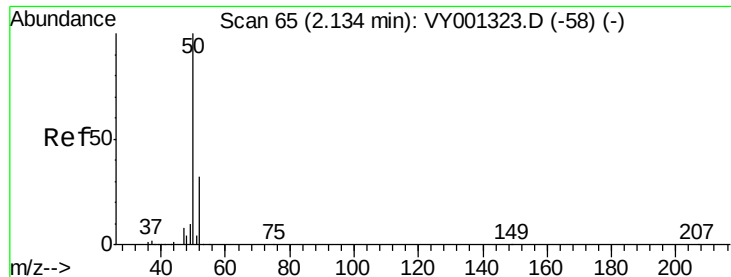
85 100

87 32.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)





#3

Chloromethane

Concen: 45.460 ug/l

RT: 2.13 min Scan# 65

Delta R.T. -0.00 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 119787

Ion Ratio Lower Upper

50 100

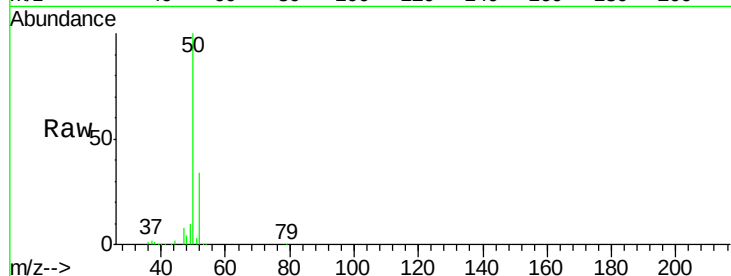
52 33.9 25.7 38.5

Manual Integrations

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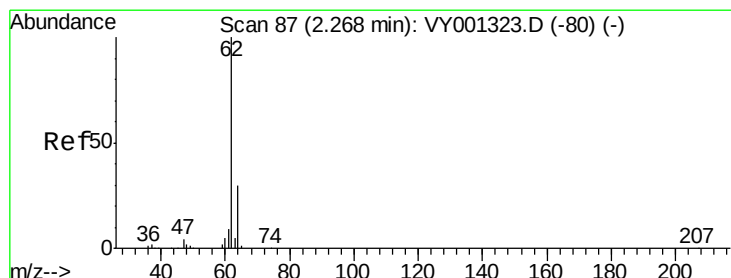
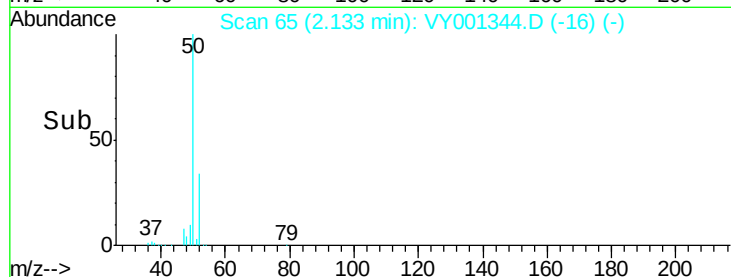
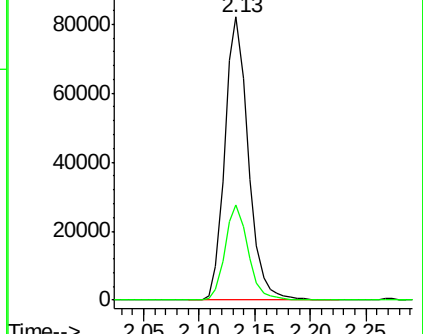
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 47.198 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001344.D

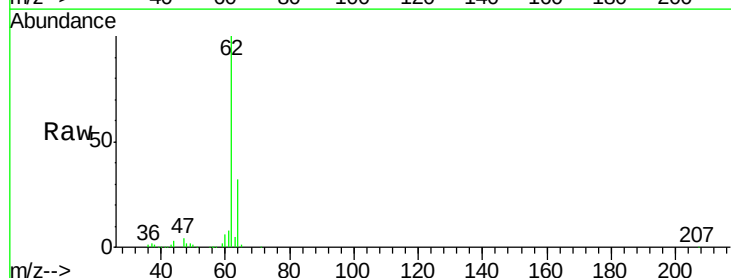
Acq: 23 Jan 2020 11:07

Tgt Ion: 62 Resp: 129676

Ion Ratio Lower Upper

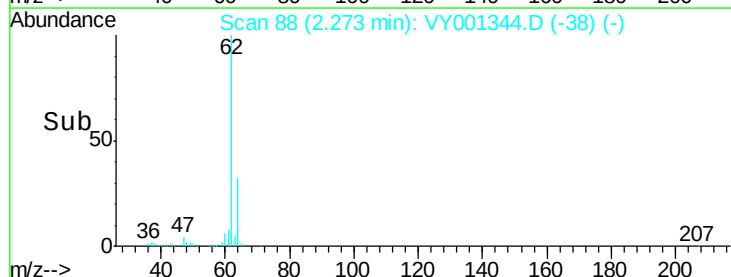
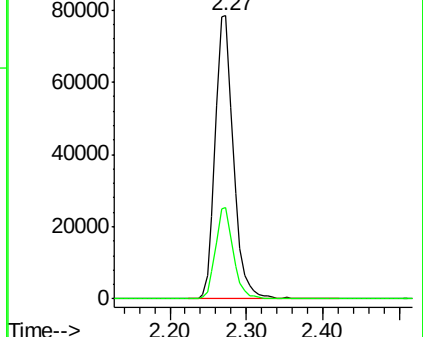
62 100

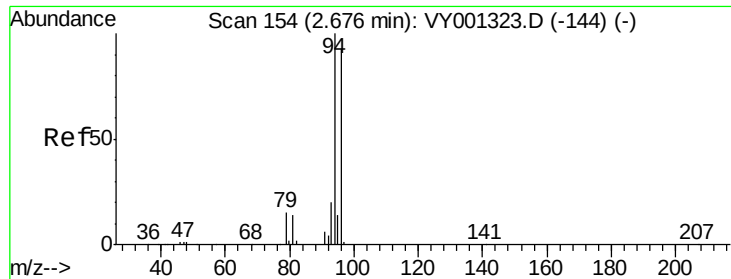
64 32.2 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 44.823 ug/l

RT: 2.67 min Scan# 153

Delta R.T. -0.01 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 82940

Ion Ratio Lower Upper

94 100

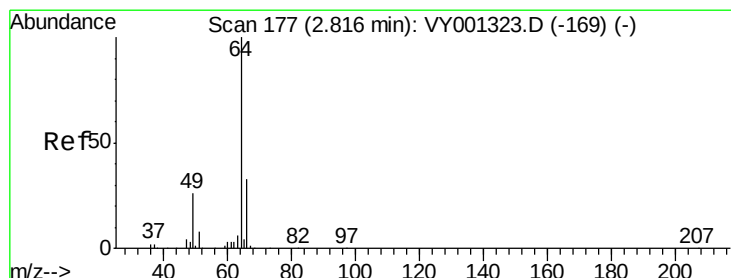
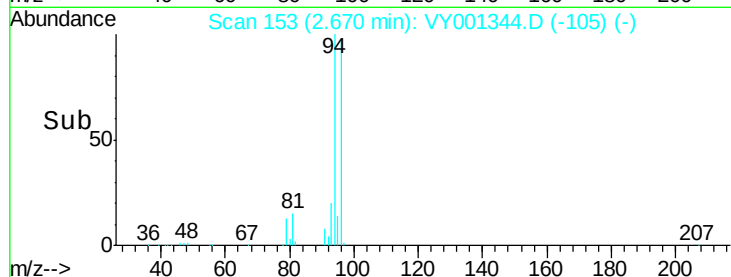
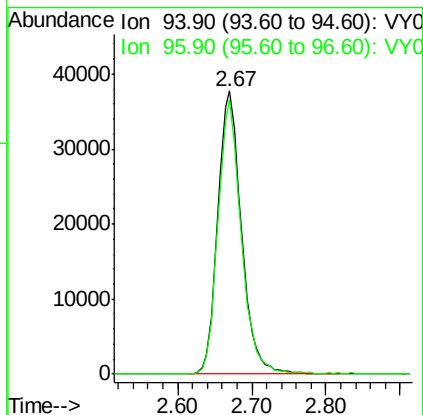
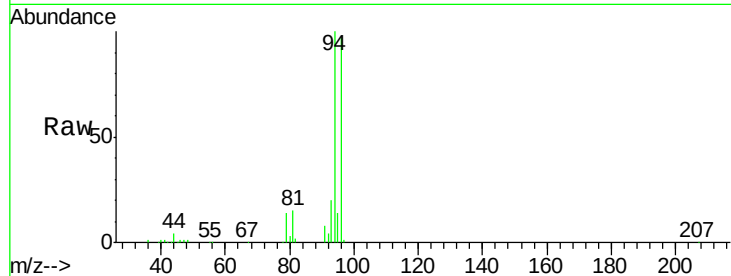
96 96.9 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 46.234 ug/l

RT: 2.82 min Scan# 177

Delta R.T. -0.00 min

Lab File: VY001344.D

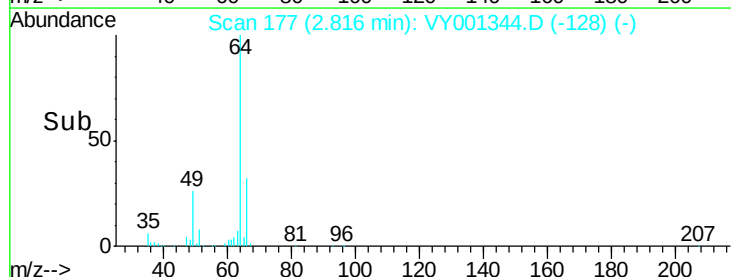
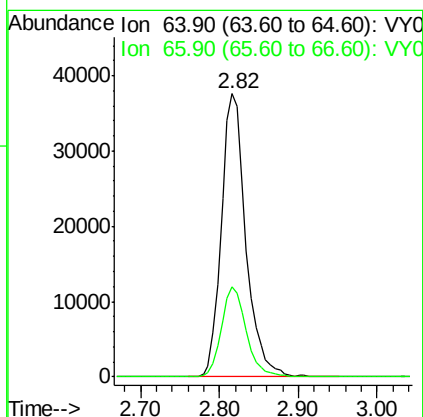
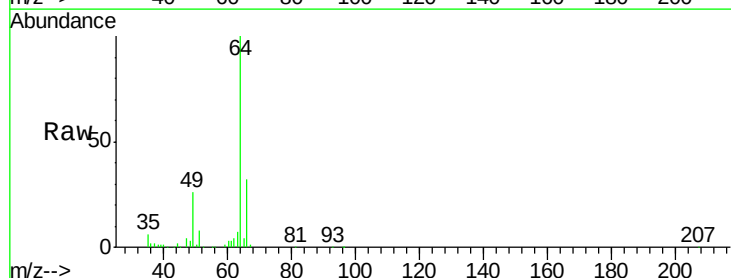
Acq: 23 Jan 2020 11:07

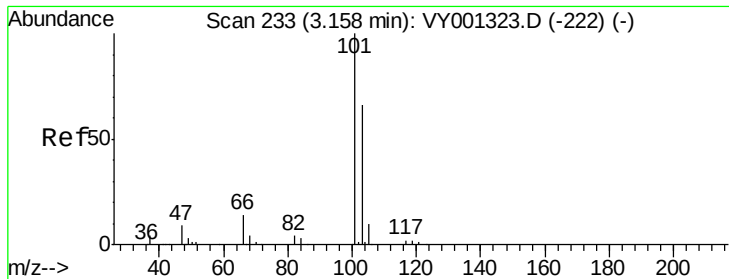
Tgt Ion: 64 Resp: 81170

Ion Ratio Lower Upper

64 100

66 31.9 26.8 40.2





#7

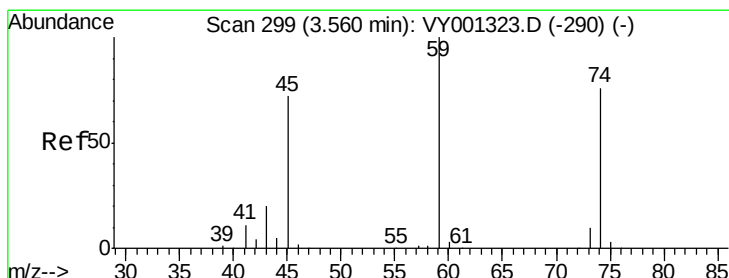
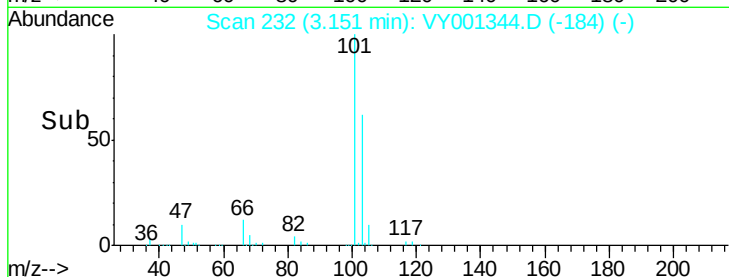
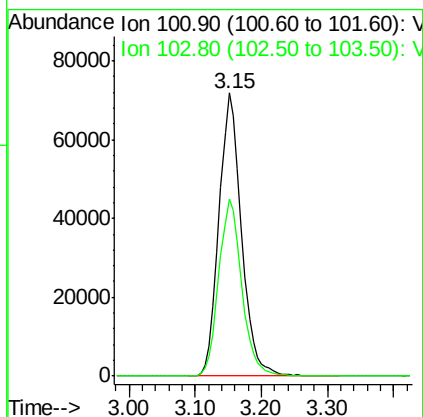
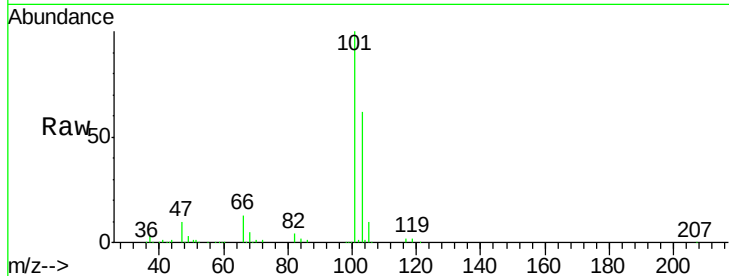
Trichlorofluoromethane
Concen: 48.294 ug/l
RT: 3.15 min Scan# 232
Delta R.T. -0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	52.5	78.7

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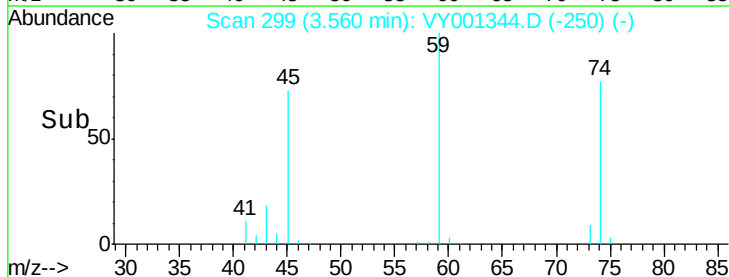
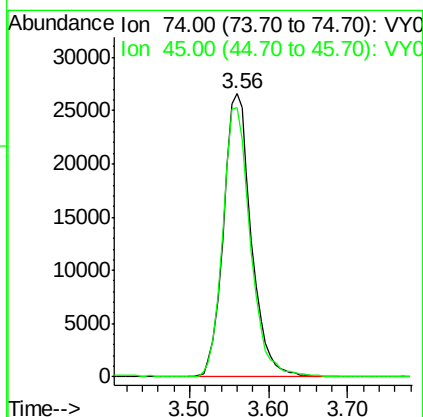
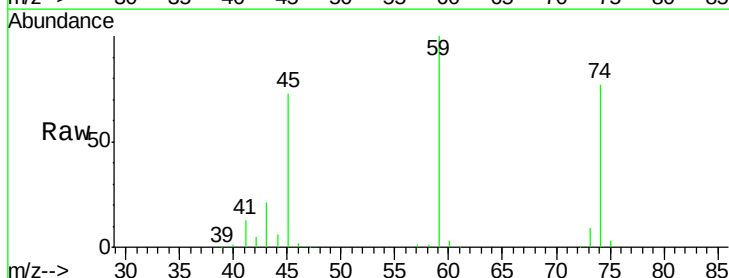
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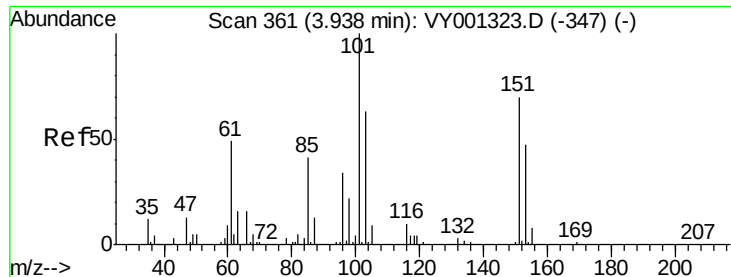


#8

Diethyl Ether
Concen: 43.867 ug/l
RT: 3.56 min Scan# 299
Delta R.T. -0.00 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.2	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.013 ug/l

RT: 3.93 min Scan# 360

Delta R.T. -0.01 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Instrument :

MSVOA_Y

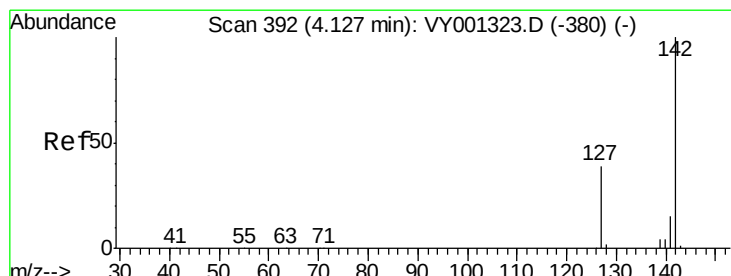
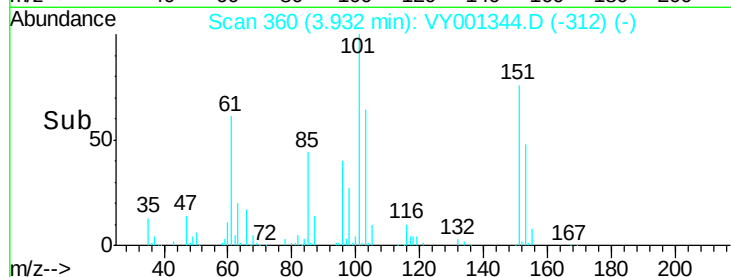
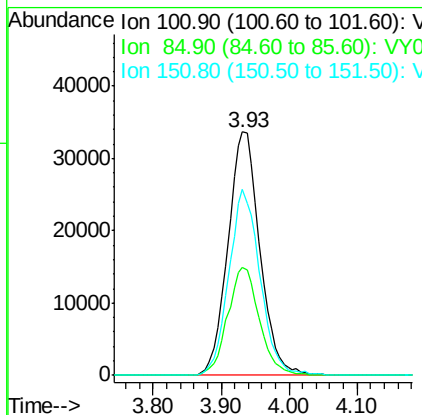
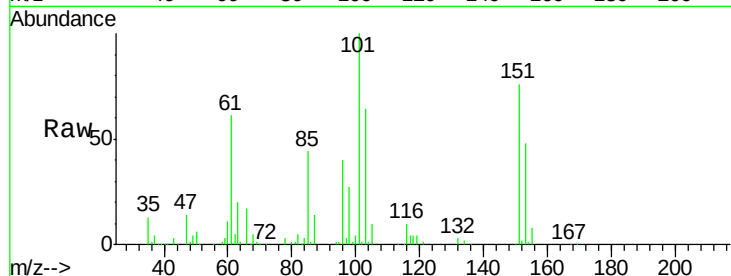
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	109726
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.9	52.3
151	74.7	59.9	89.9

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#10

Methyl Iodide

Concen: 46.992 ug/l

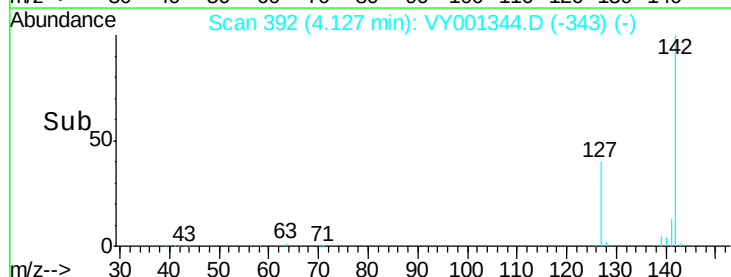
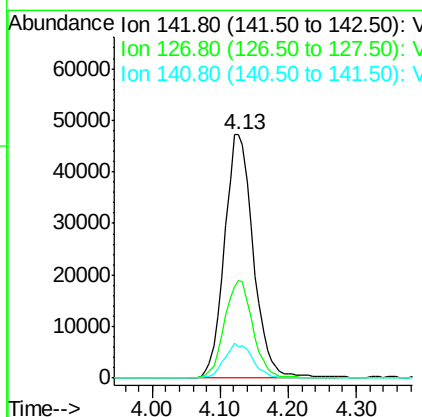
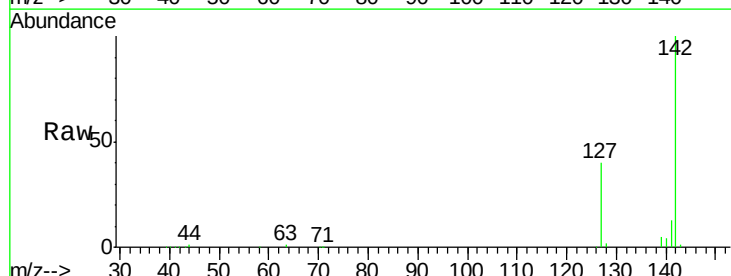
RT: 4.13 min Scan# 392

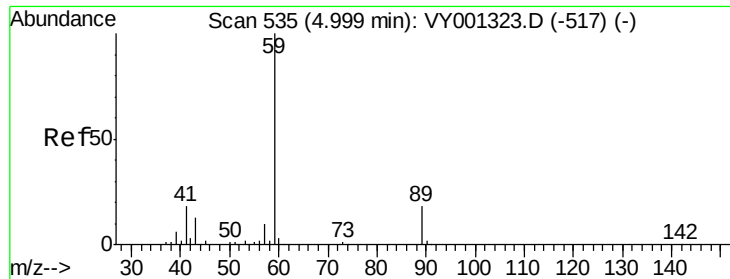
Delta R.T. -0.00 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Tgt Ion:	142	Resp:	138752
Ion Ratio	Lower	Upper	
142	100		
127	39.4	31.6	47.4
141	14.0	11.2	16.8





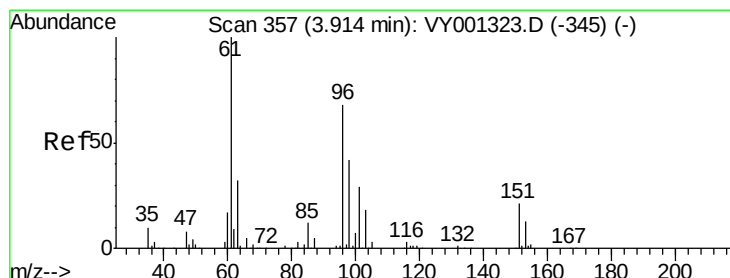
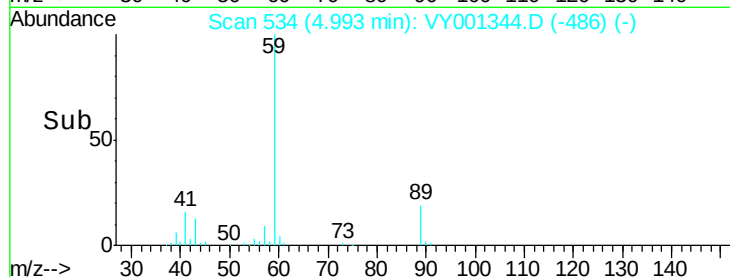
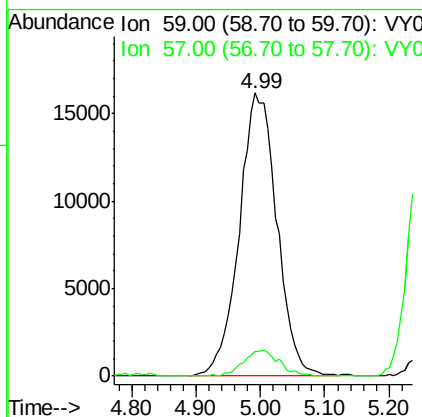
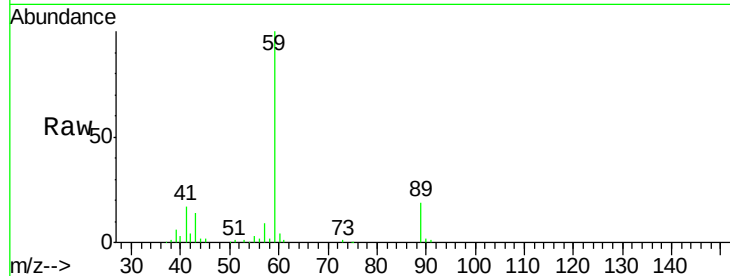
#11
Tert butyl alcohol
Concen: 212.663 ug/l
RT: 4.99 min Scan# 534
Delta R.T. -0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.6	7.4	11.2

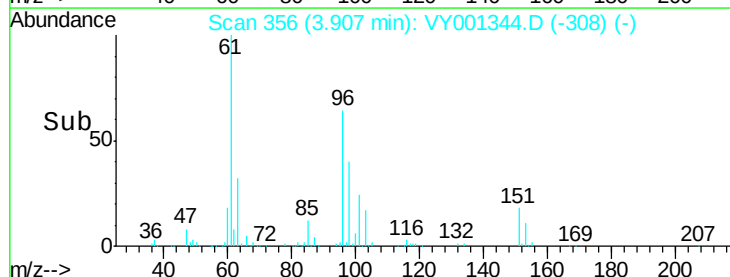
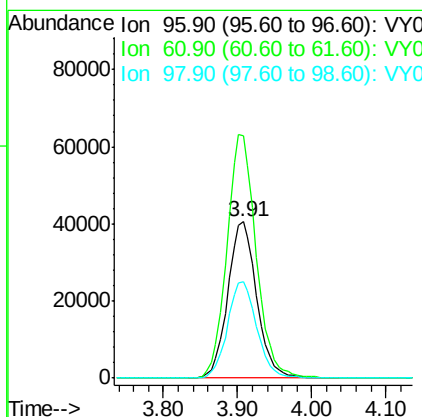
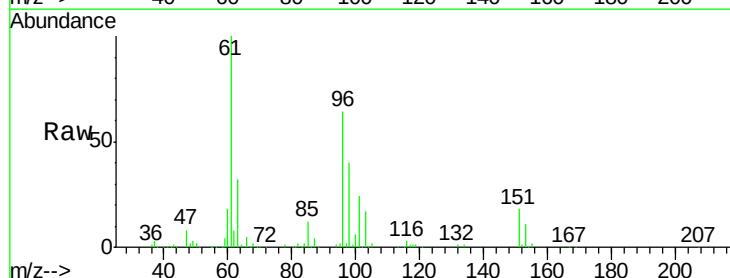
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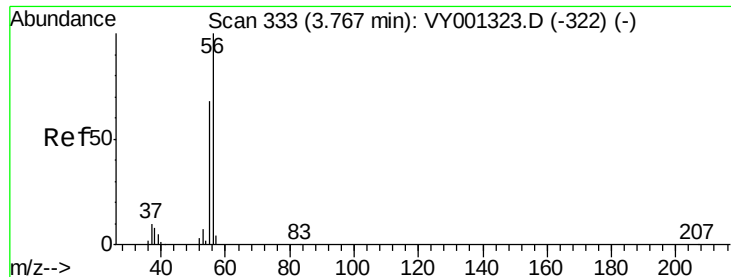
MMDadoda
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#12
1,1-Dichloroethene
Concen: 46.951 ug/l
RT: 3.91 min Scan# 356
Delta R.T. -0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.3	118.0	177.0
98	62.2	49.4	74.2





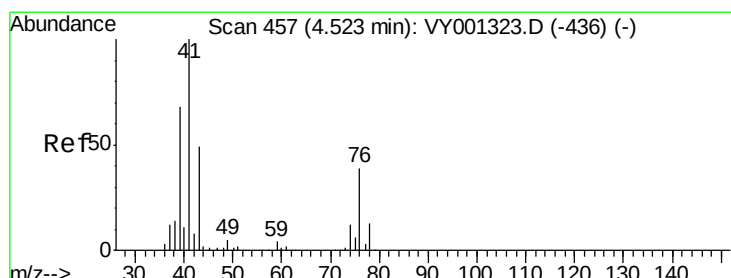
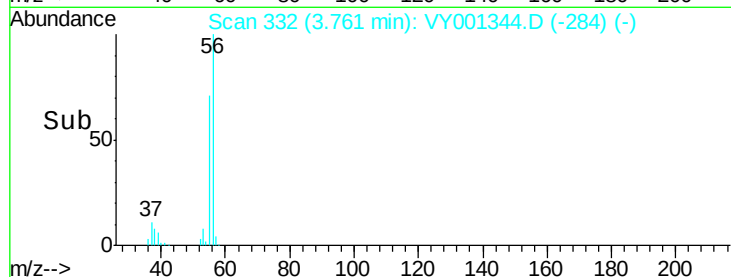
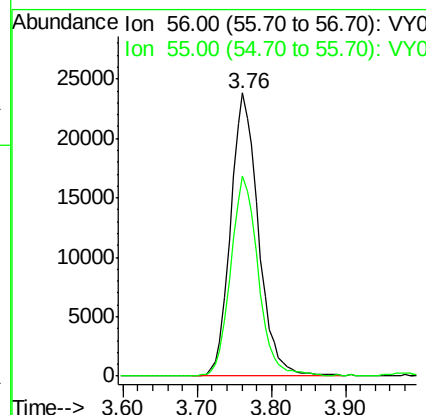
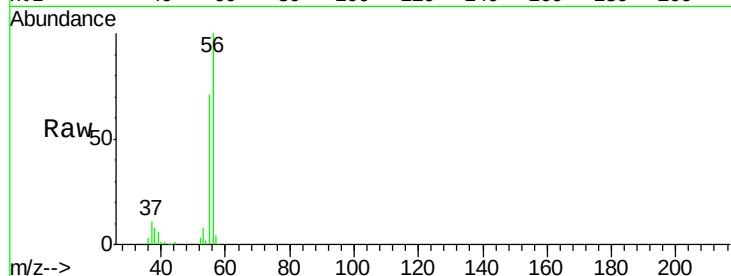
#13
Acrolein
Concen: 354.632 ug/l
RT: 3.76 min Scan# 332
Delta R.T. -0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	55.9	83.9

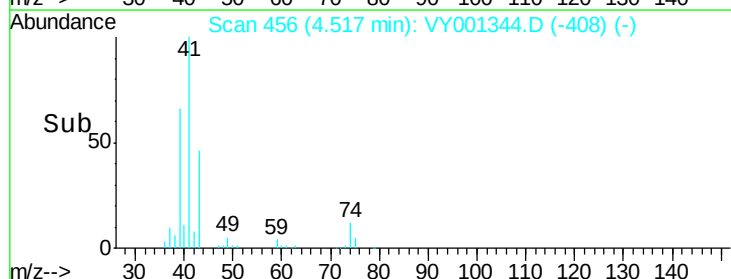
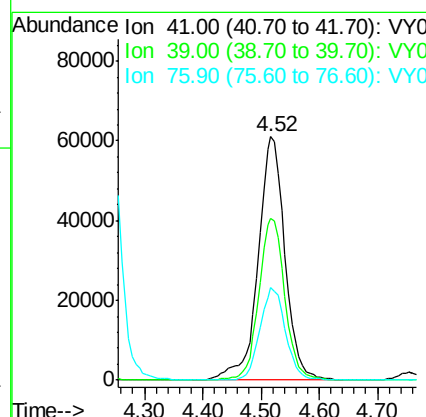
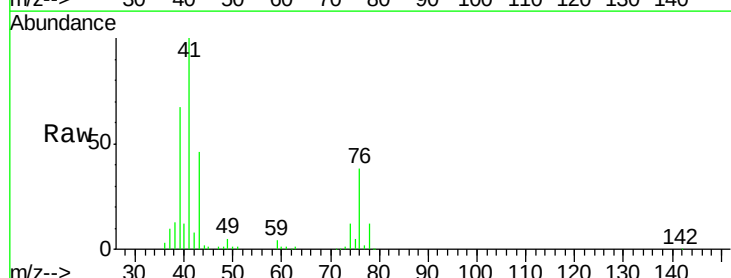
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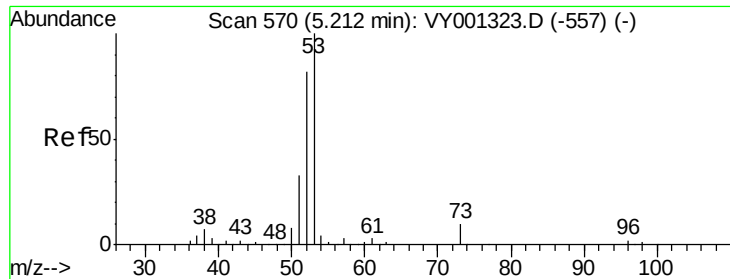
MMDadoda
1/24/2020 4:03:20 PM



#14
Allyl chloride
Concen: 46.711 ug/l
RT: 4.52 min Scan# 456
Delta R.T. -0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.6	52.2	78.4
76	36.1	29.1	43.7





#15

Acrylonitrile

Concen: 222.777 ug/l

RT: 5.21 min Scan# 570

Delta R.T. -0.00 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Instrument :

MSVOA_Y

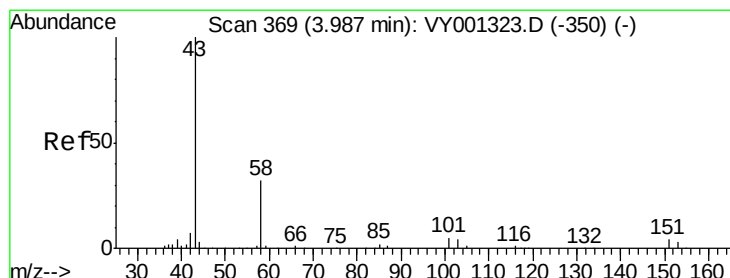
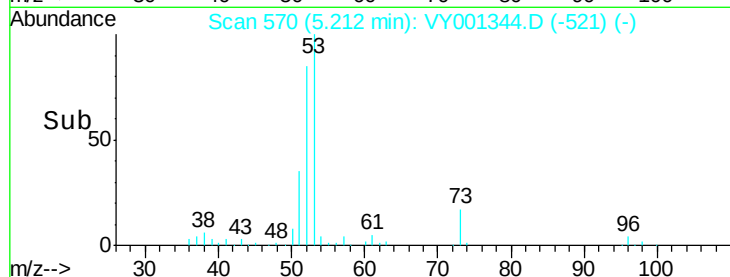
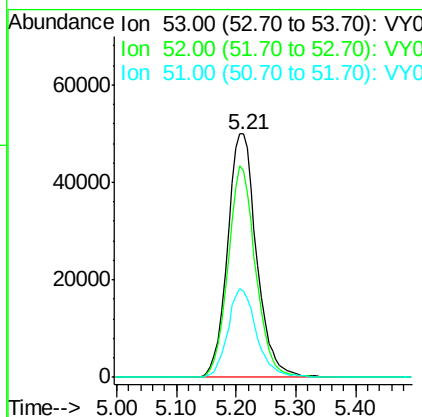
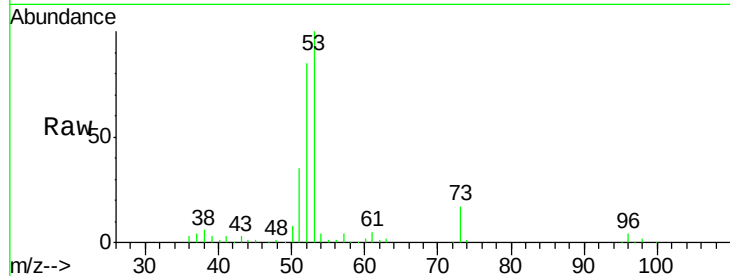
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	169223
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.3	97.9
51	36.1	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 283.033 ug/l

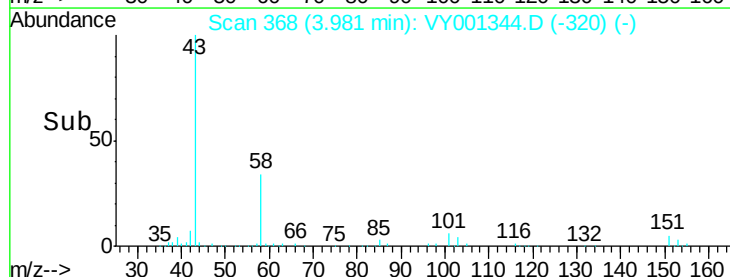
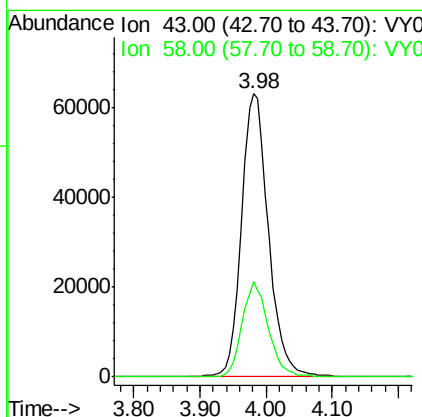
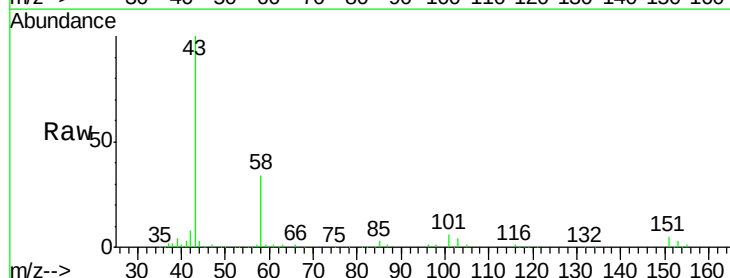
RT: 3.98 min Scan# 368

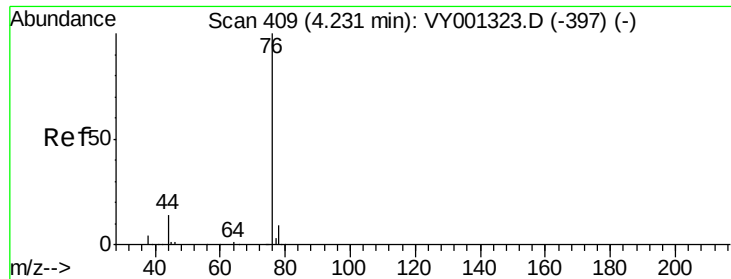
Delta R.T. -0.01 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Tgt Ion:	43	Resp:	178727
Ion	Ratio	Lower	Upper
43	100		
58	33.5	25.4	38.0





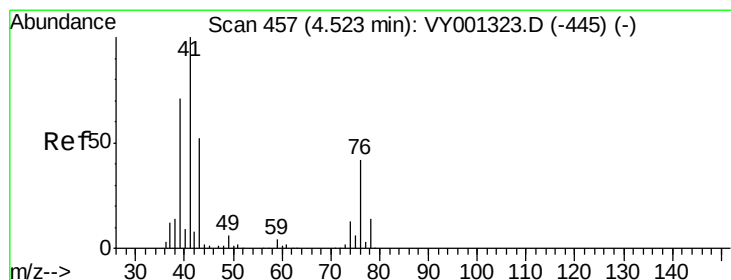
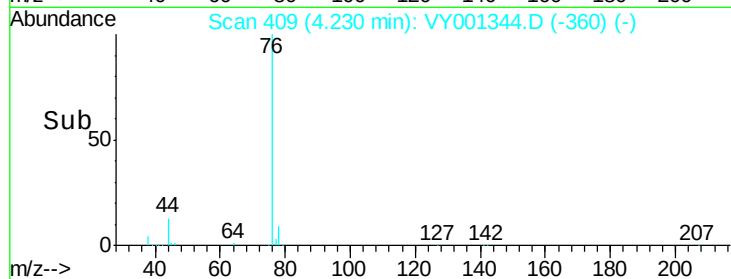
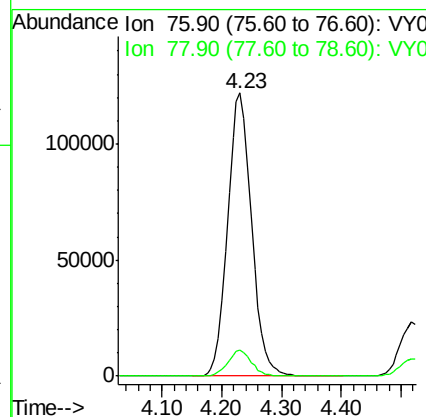
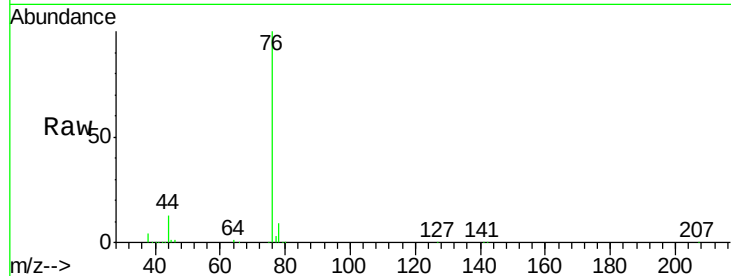
#17
Carbon Disulfide
Concen: 46.143 ug/l
RT: 4.23 min Scan# 409
Delta R.T. -0.00 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6

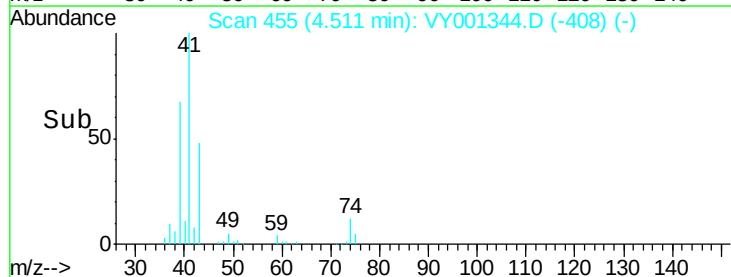
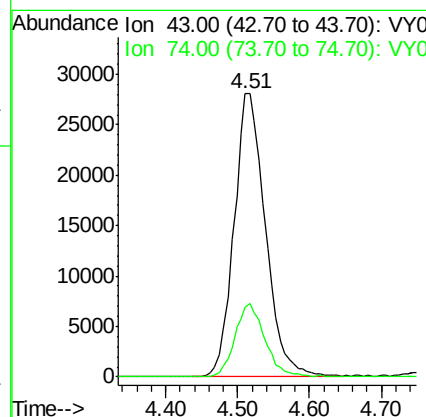
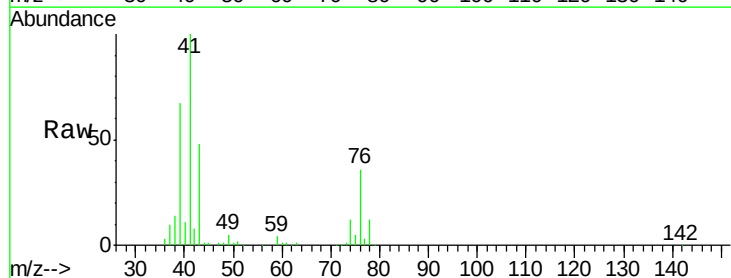
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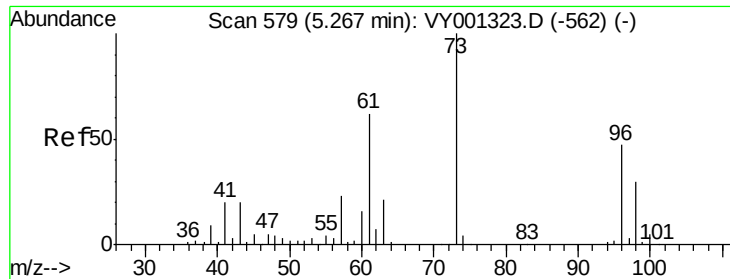
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#18
Methyl Acetate
Concen: 41.981 ug/l
RT: 4.51 min Scan# 455
Delta R.T. -0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.4	29.2





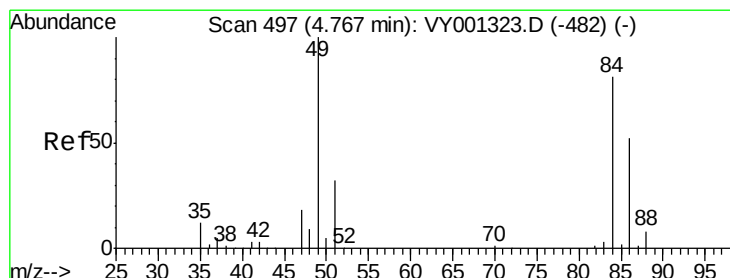
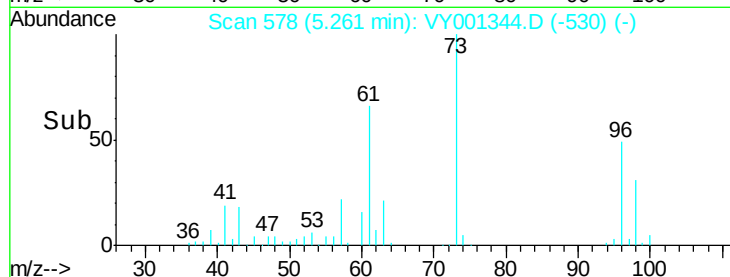
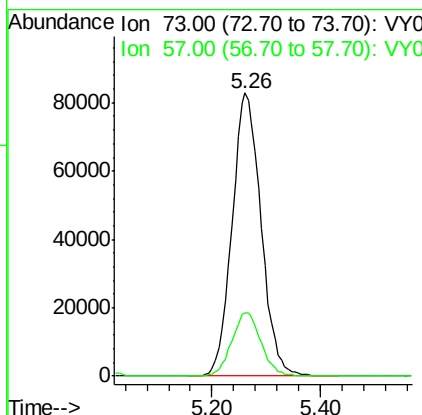
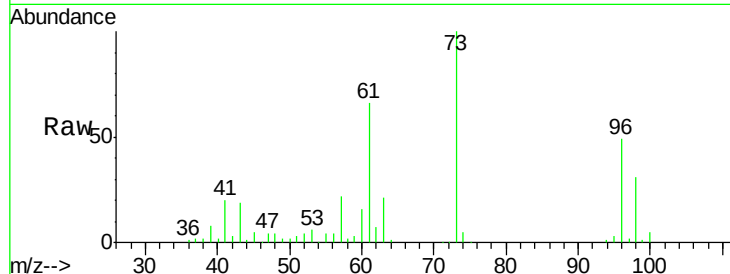
#19
Methyl tert-butyl Ether
Concen: 44.625 ug/l
RT: 5.26 min Scan# 578
Delta R.T. -0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 306700
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.2

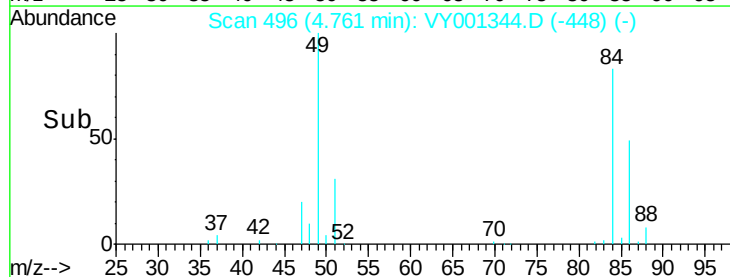
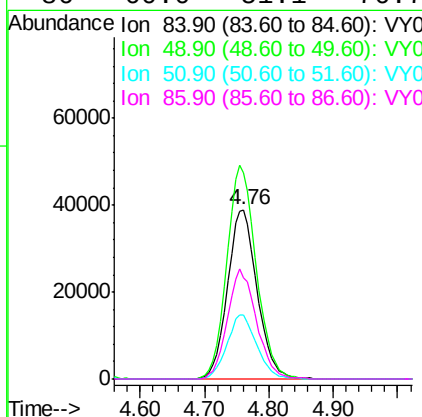
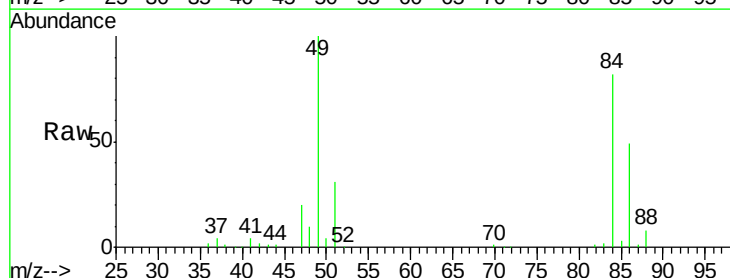
Manual Integrations
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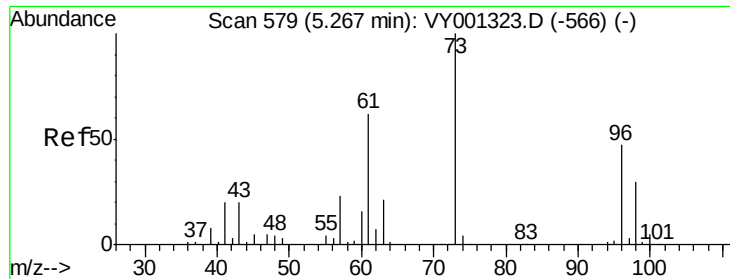
MMDadoda
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#20
Methylene Chloride
Concen: 41.343 ug/l
RT: 4.76 min Scan# 496
Delta R.T. -0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion: 84 Resp: 124994
Ion Ratio Lower Upper
84 100
49 121.5 98.3 147.5
51 38.1 31.6 47.4
86 60.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.222 ug/l

RT: 5.26 min Scan# 578

Delta R.T. -0.01 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 126027

Ion Ratio Lower Upper

96 100

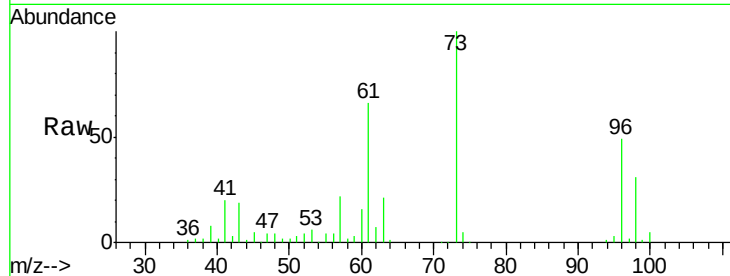
61 133.7 106.8 160.2

98 61.9 51.0 76.6

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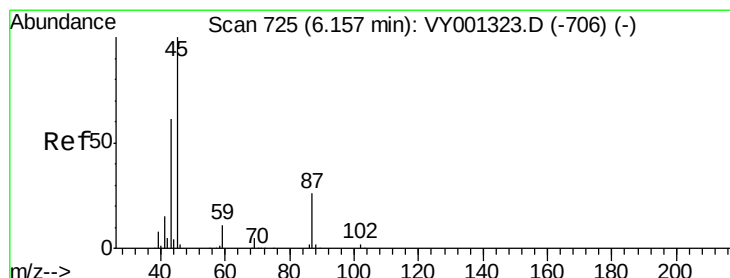
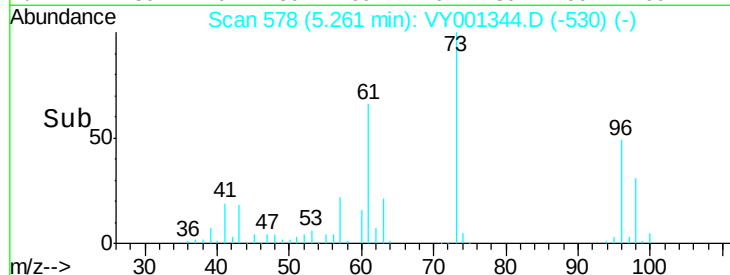
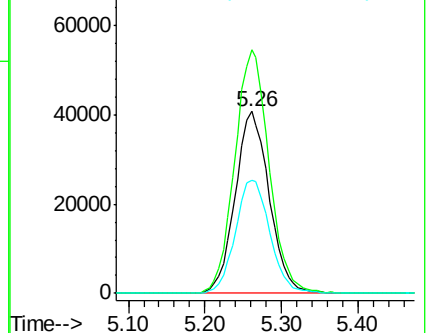
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Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 45.280 ug/l

RT: 6.16 min Scan# 725

Delta R.T. -0.00 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Tgt Ion: 45 Resp: 402480

Ion Ratio Lower Upper

45 100

43 59.9 49.2 73.8

87 27.5 21.4 32.2

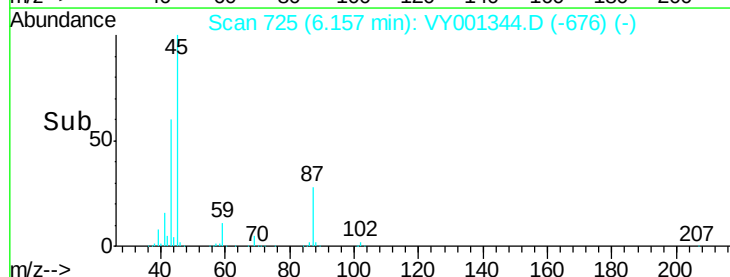
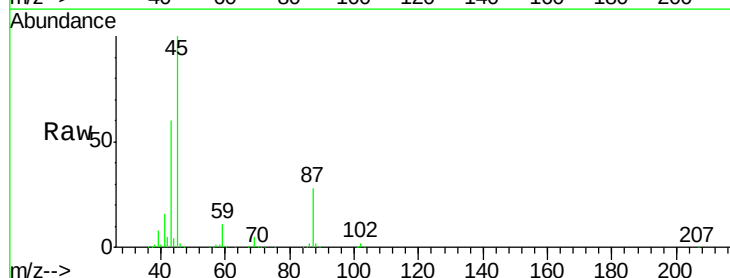
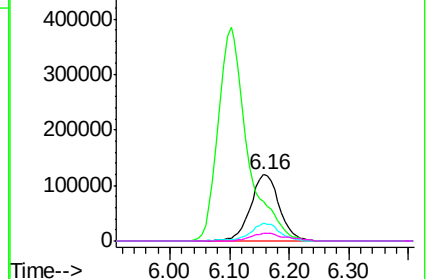
59 11.0 9.3 13.9

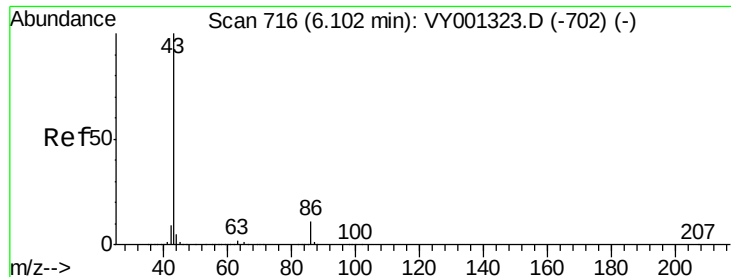
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 226.963 ug/l

RT: 6.10 min Scan# 716

Delta R.T. -0.00 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1309726

Ion Ratio Lower Upper

43 100

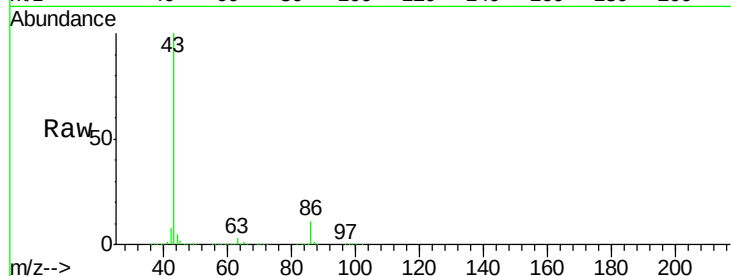
86 10.7 8.6 13.0

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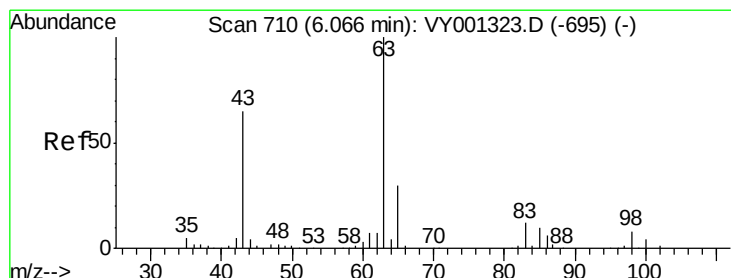
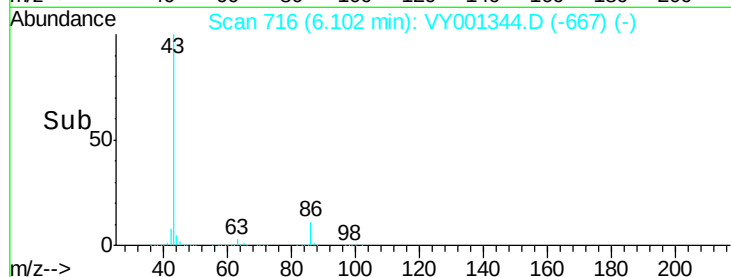
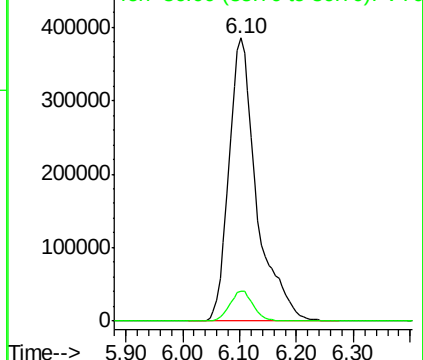
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 46.278 ug/l

RT: 6.06 min Scan# 709

Delta R.T. -0.01 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

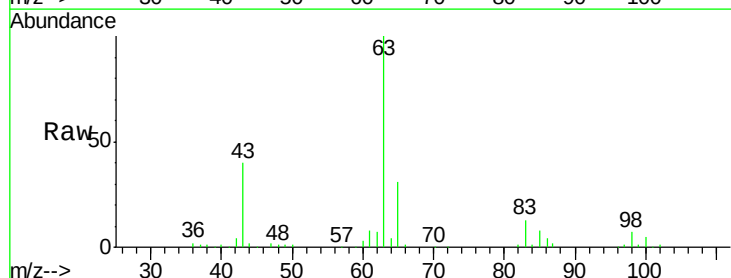
Tgt Ion: 63 Resp: 216824

Ion Ratio Lower Upper

63 100

98 7.1 4.0 12.0

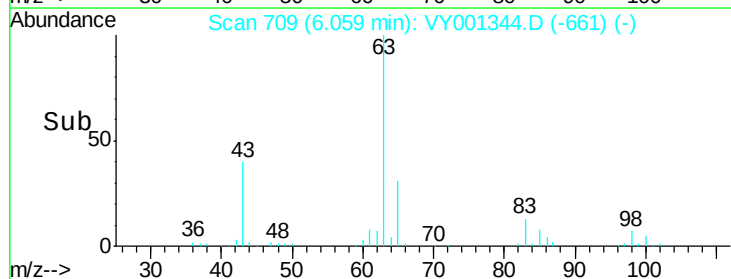
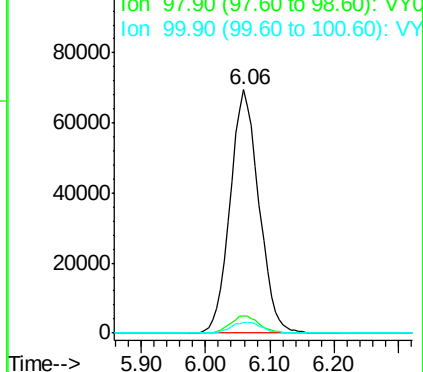
100 4.5 2.1 6.3

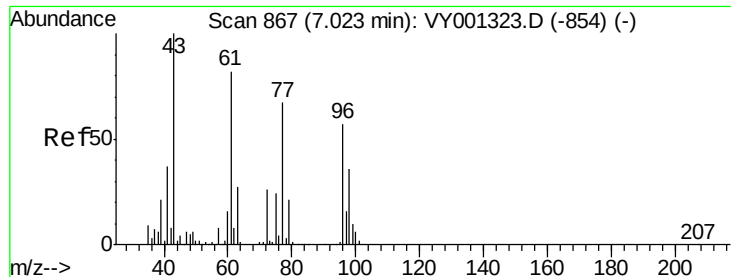


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 237.937 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 249135

Ion Ratio Lower Upper

43 100

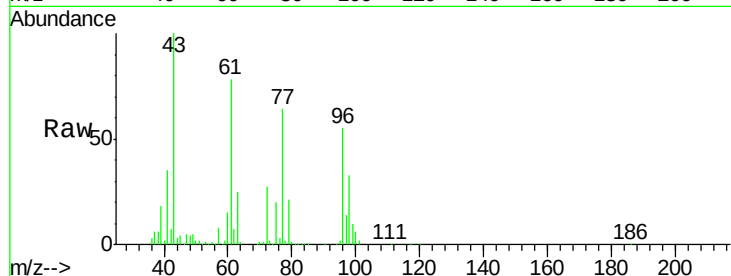
72 27.1 20.6 31.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

7.03

100000

80000

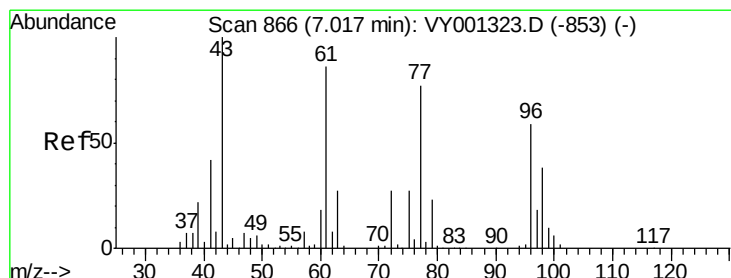
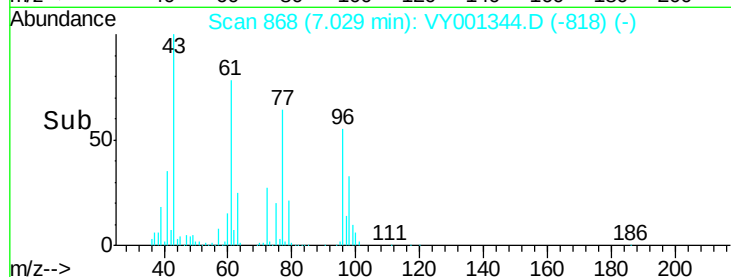
60000

40000

20000

0

Time--> 6.90 6.95 7.00 7.05 7.10



#26

2,2-Dichloropropane

Concen: 46.068 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001344.D

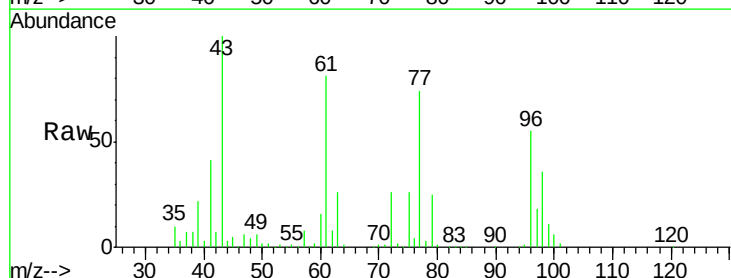
Acq: 23 Jan 2020 11:07

Tgt Ion: 77 Resp: 192261

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

7.02

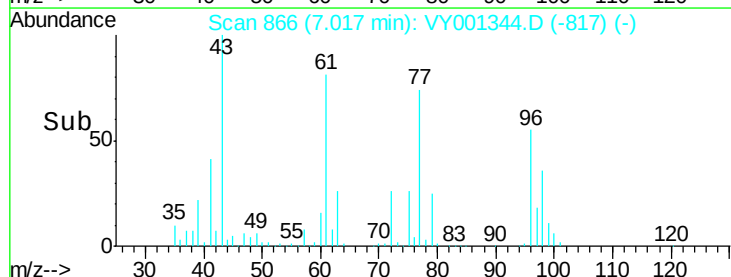
60000

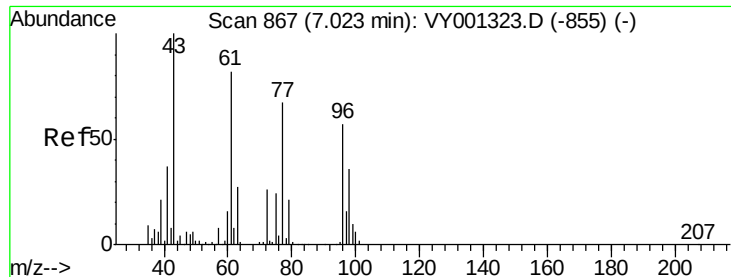
40000

20000

0

Time--> 6.90 7.00 7.10 7.20





#27

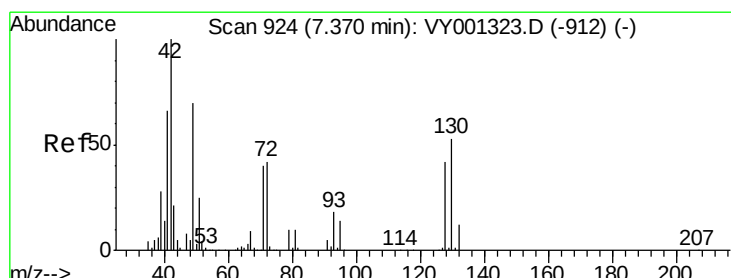
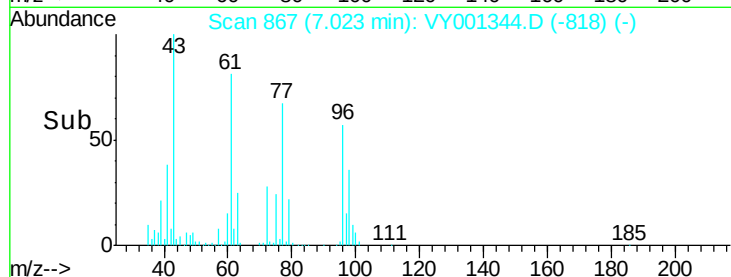
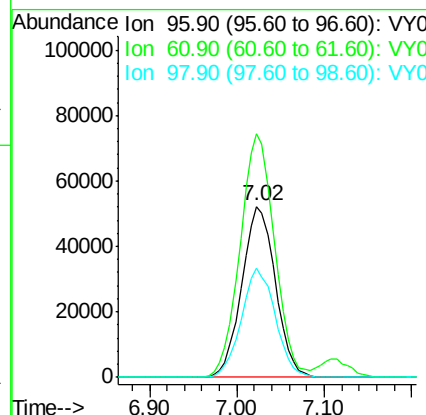
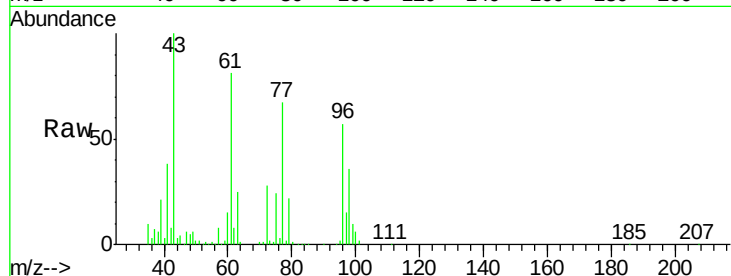
cis-1,2-Dichloroethene
Concen: 45.838 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.00 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	139679		
61	145.6		0.0	284.8
98	64.4		0.0	128.4

Manual Integrations
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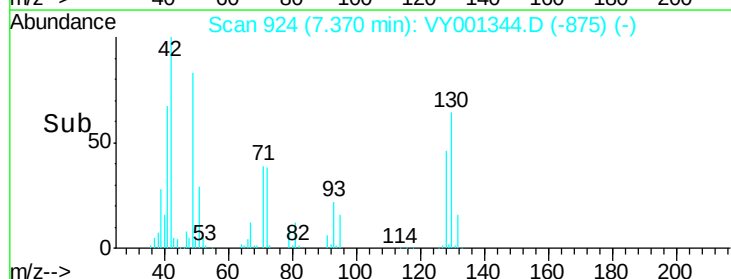
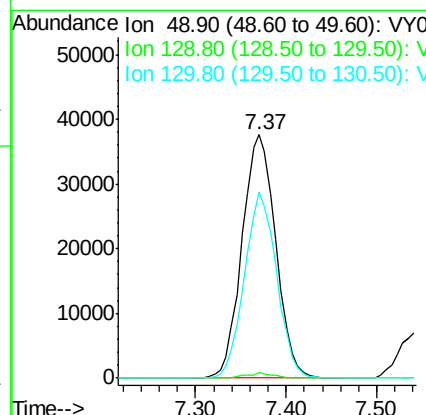
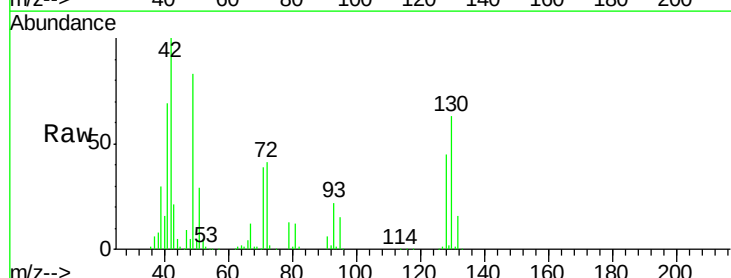
MMDadoda
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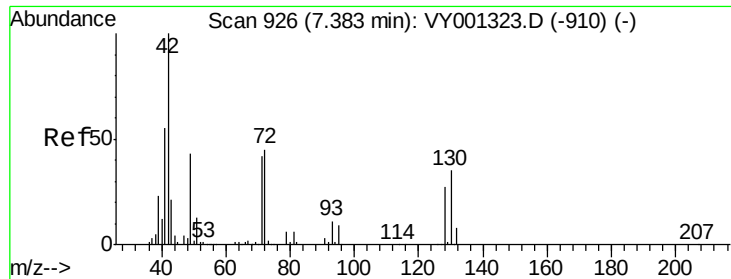


#28

Bromochloromethane
Concen: 50.062 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.00 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	96728		
129	1.8		0.0	4.0
130	73.0		58.9	88.3





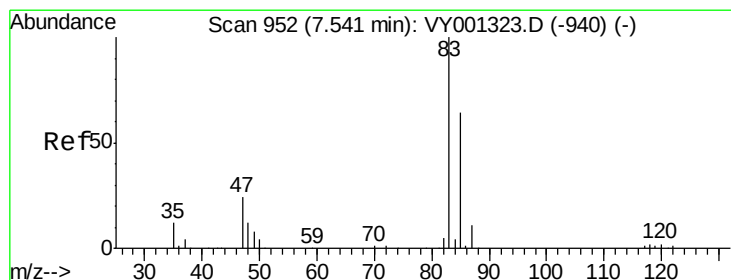
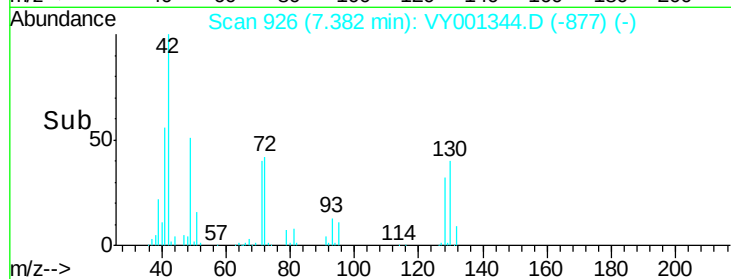
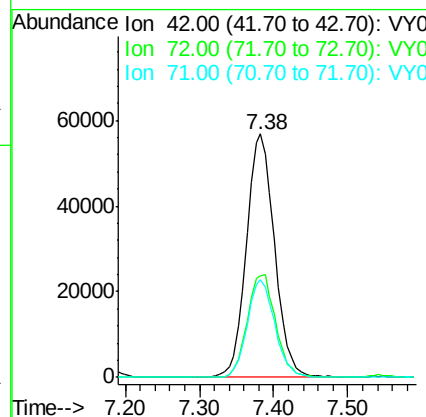
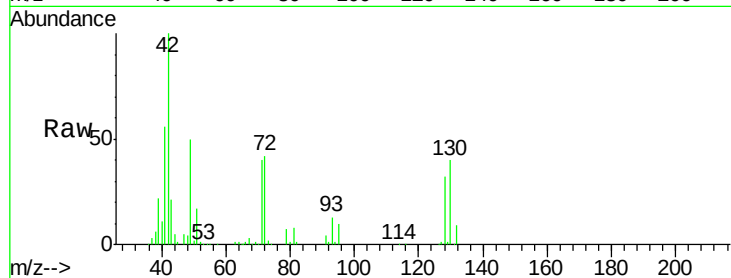
#29
Tetrahydrofuran
Concen: 221.524 ug/l
RT: 7.38 min Scan# 926
Delta R.T. -0.00 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.6	51.8
71	39.2	32.6	48.8

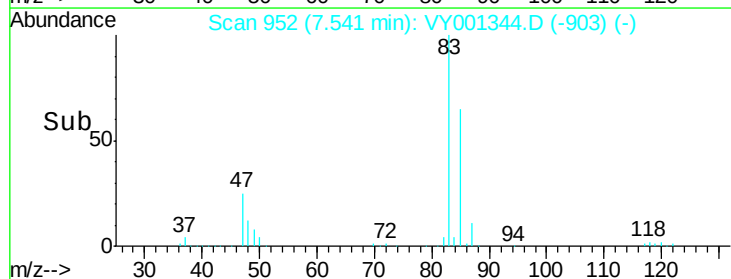
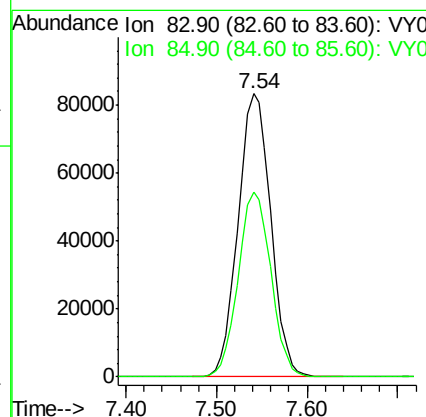
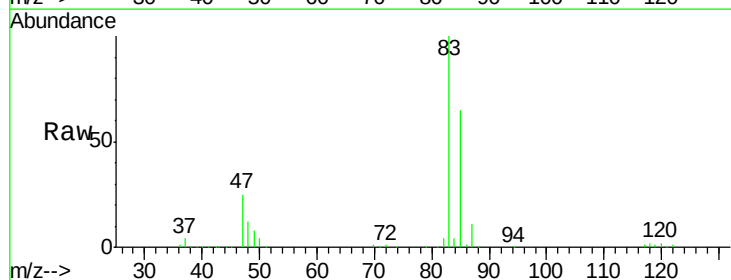
Manual Integrations
APPROVED

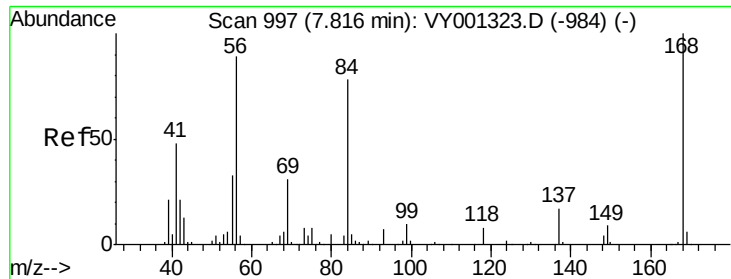
MMDadoda
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#30
Chloroform
Concen: 45.363 ug/l
RT: 7.54 min Scan# 952
Delta R.T. -0.00 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.5	77.3





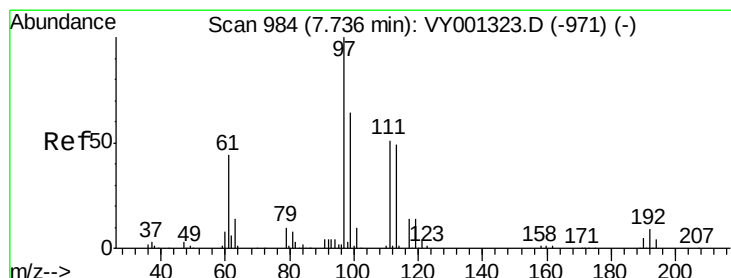
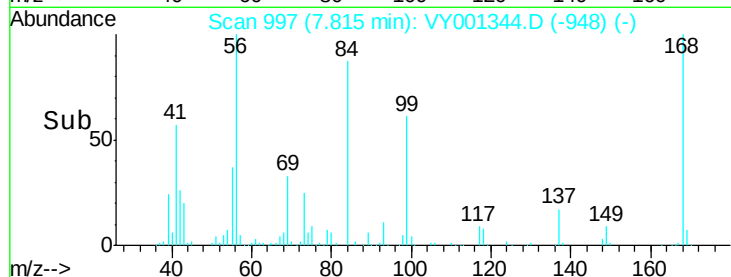
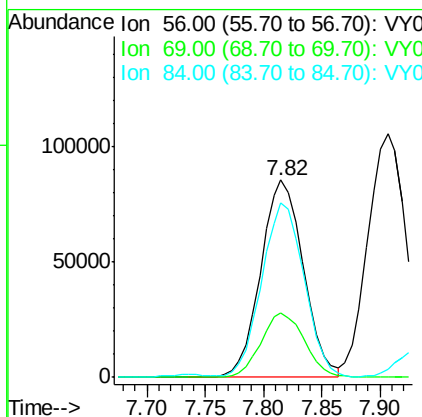
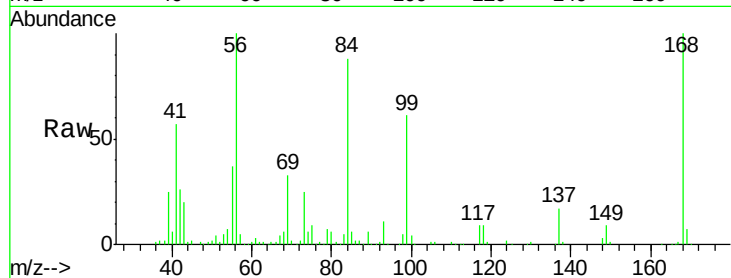
#31
Cyclohexane
Concen: 46.440 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.00 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.7	27.6	41.4
84	87.2	69.7	104.5

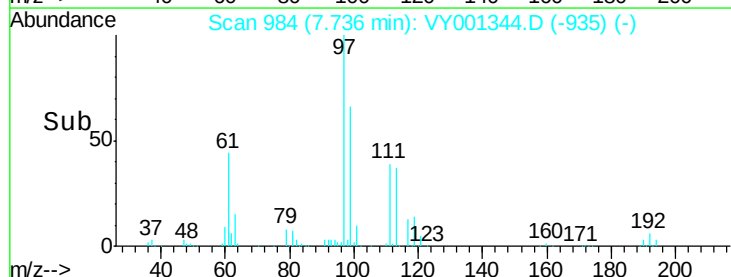
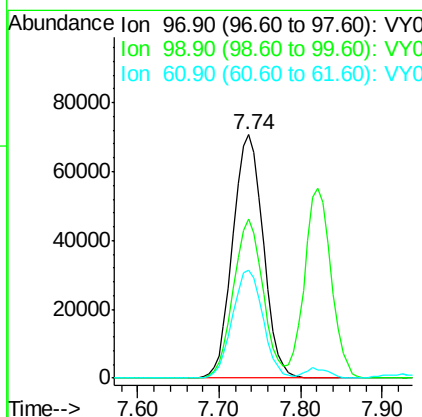
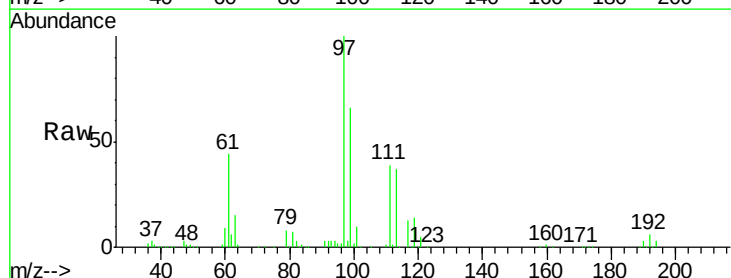
Manual Integrations
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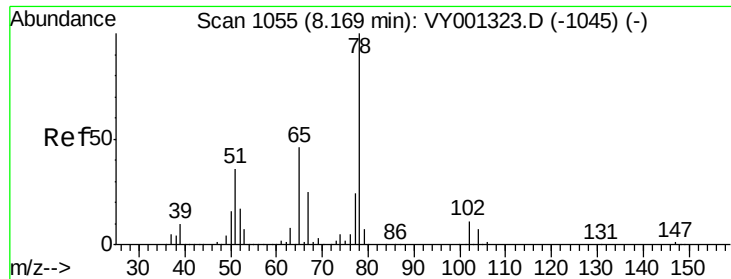
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#32
1,1,1-Trichloroethane
Concen: 47.079 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.00 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.3	76.9
61	44.5	35.9	53.9





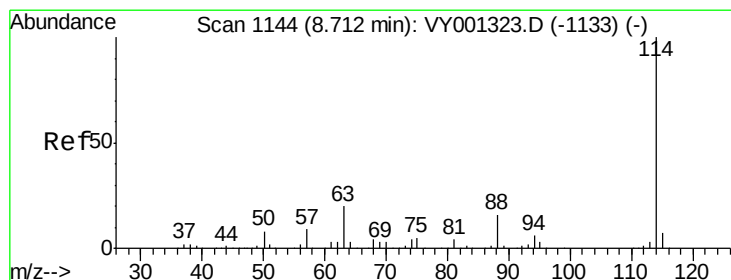
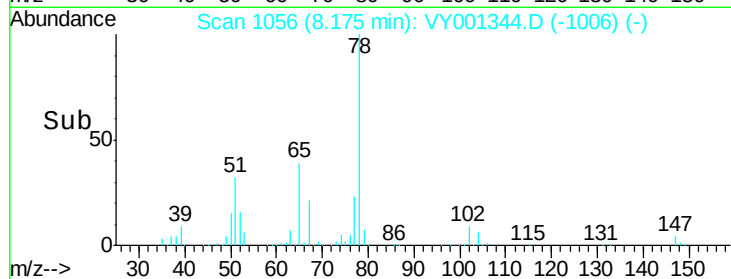
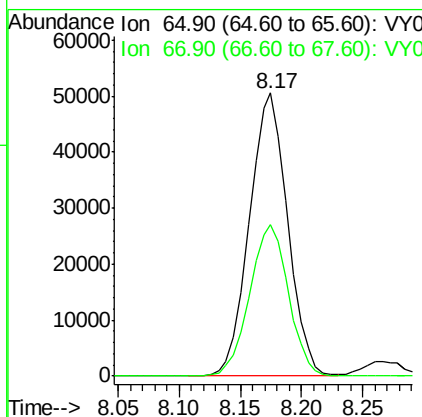
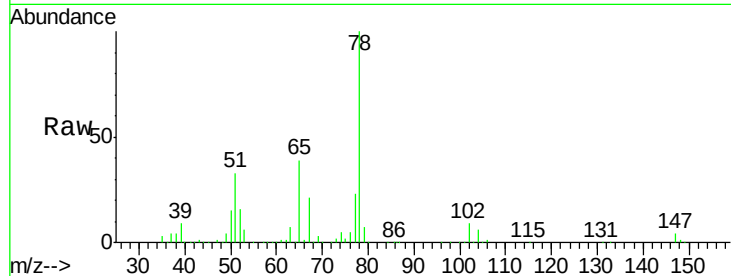
#33
 1,2-Dichloroethane-d4
 Concen: 45.560 ug/l
 RT: 8.17 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001344.D
 Acq: 23 Jan 2020 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	109601		
67	54.4	0.0	108.6	

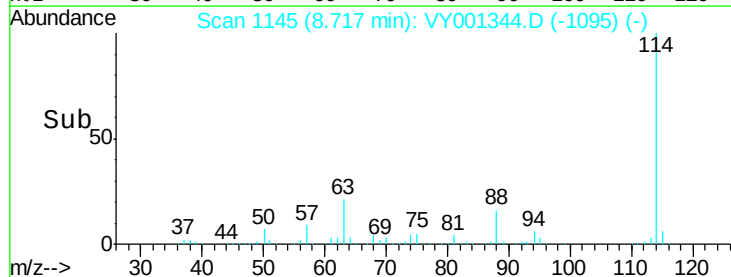
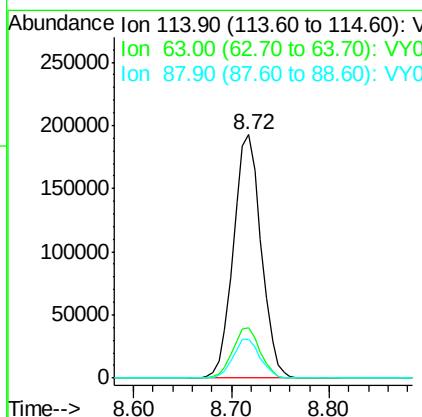
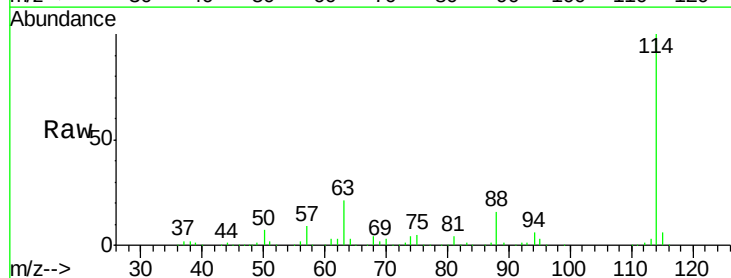
Manual Integrations
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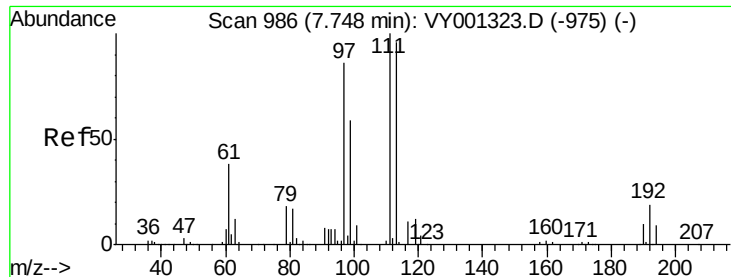
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001344.D
 Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	378383		
63	20.6	0.0	40.8	
88	16.2	0.0	31.0	





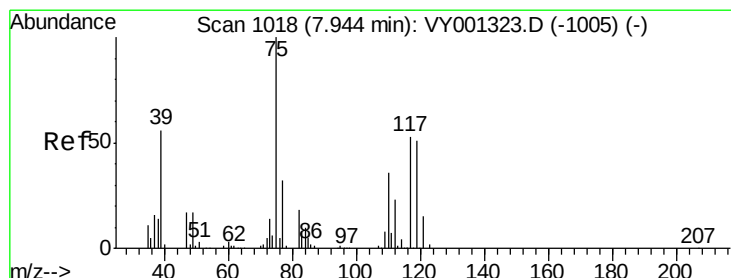
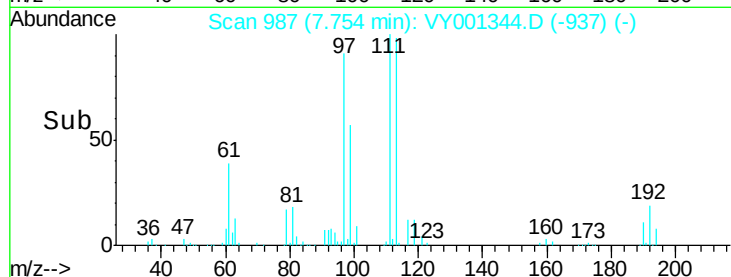
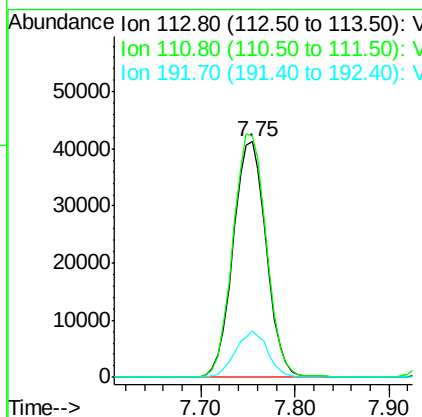
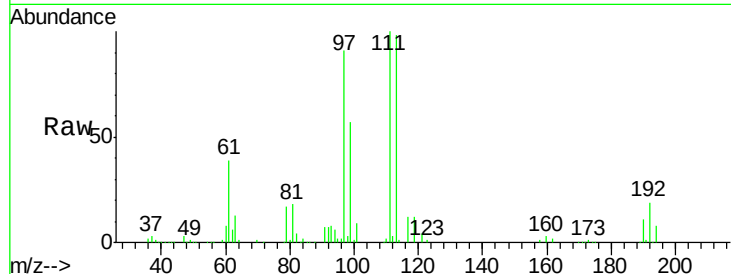
#35
 Dibromofluoromethane
 Concen: 45.613 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001344.D
 Acq: 23 Jan 2020 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	101296		
111	104.0	82.8	124.2	
192	19.2	15.5	23.3	

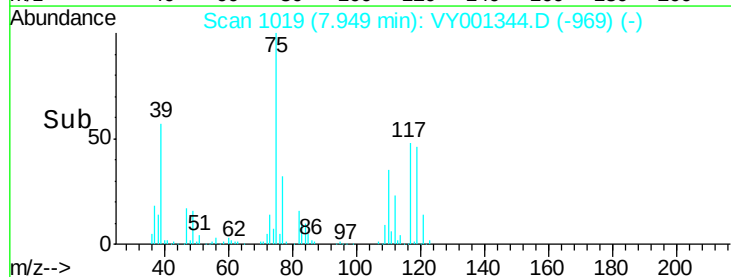
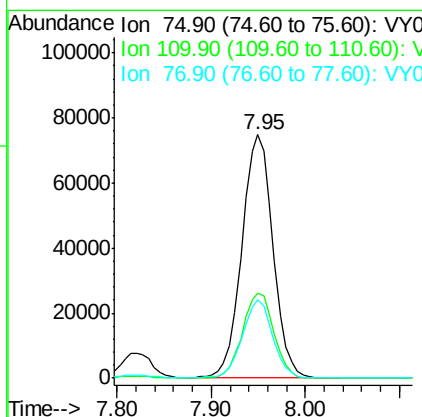
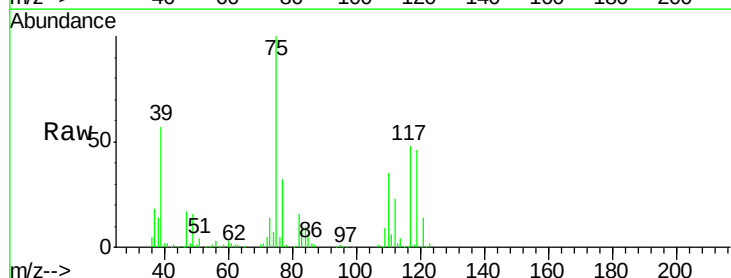
Manual Integrations
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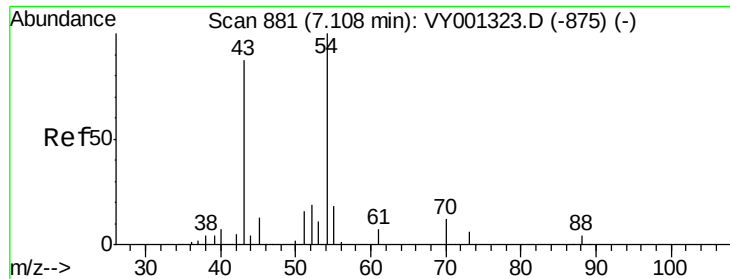
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 1/24/2020 4:03:20 PM



#36
 1,1-Dichloropropene
 Concen: 48.454 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VY001344.D
 Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	173211		
110	35.1	17.6	52.8	
77	31.4	24.7	37.1	





#37

Ethyl Acetate

Concen: 46.107 ug/l

RT: 7.11 min Scan# 881

Delta R.T. -0.00 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Instrument :

MSVOA_Y

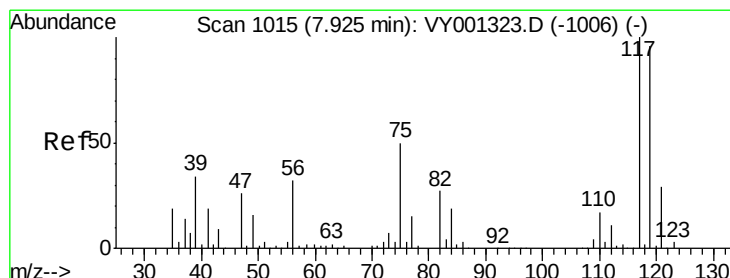
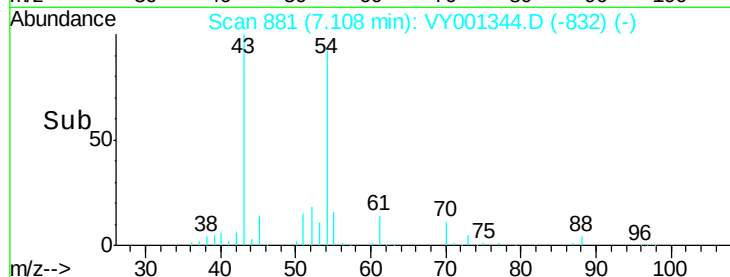
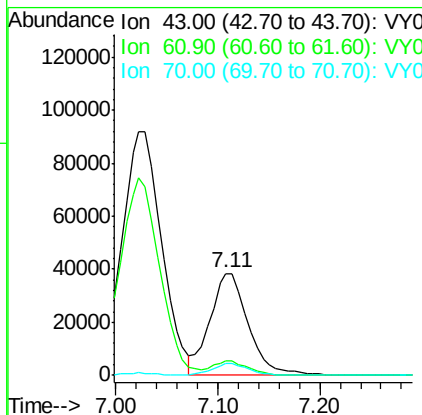
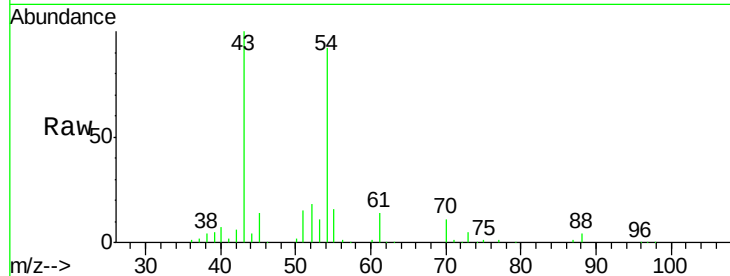
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	100702
Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.3	16.9
70	10.8	8.7	13.1

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 49.696 ug/l

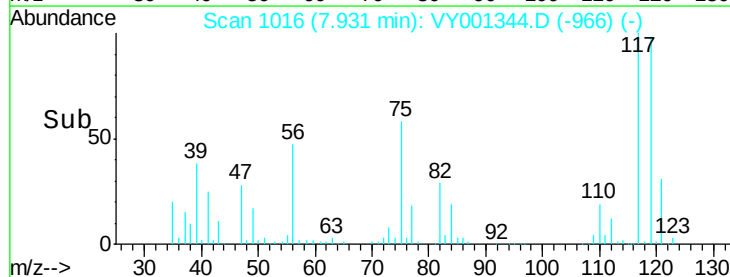
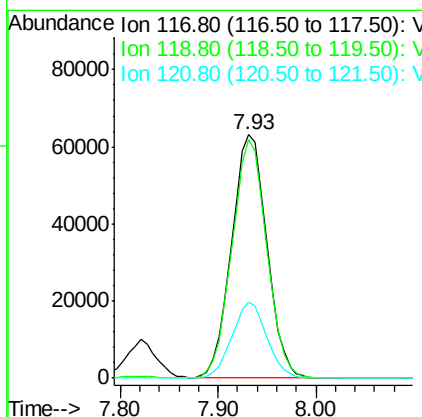
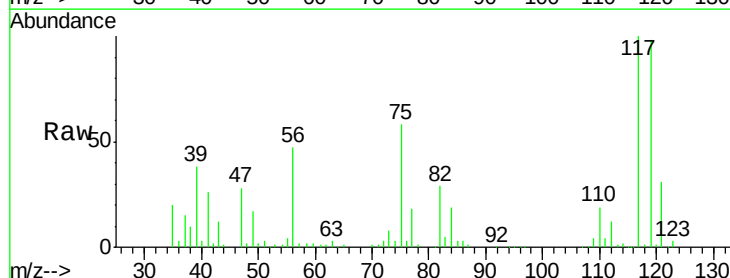
RT: 7.93 min Scan# 1016

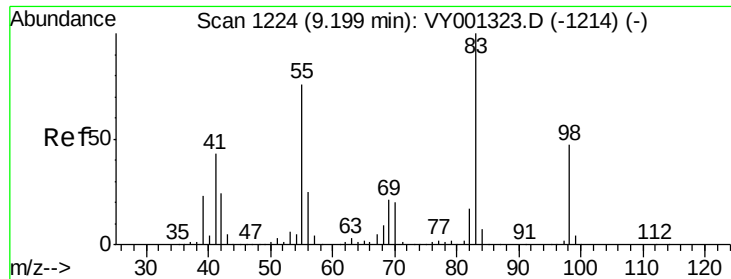
Delta R.T. 0.01 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Tgt Ion:	117	Resp:	158326
Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.3	114.5
121	31.4	23.5	35.3





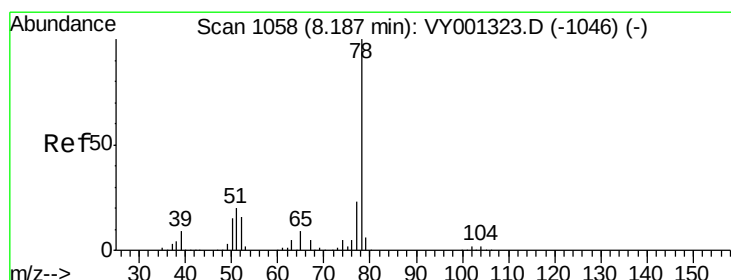
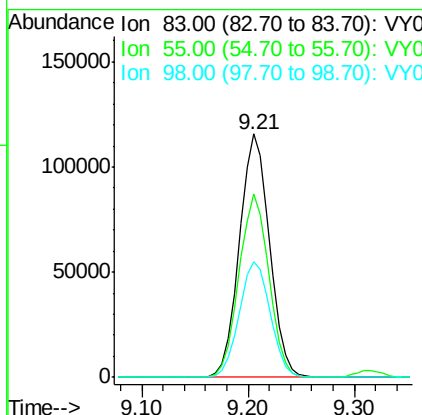
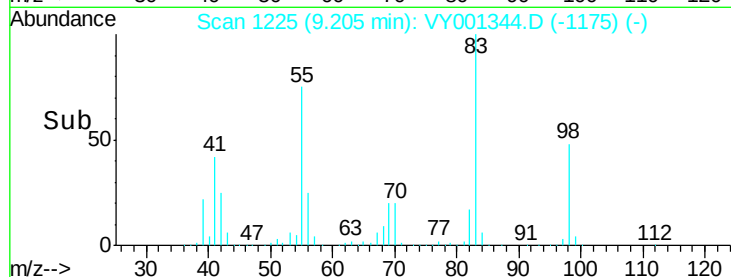
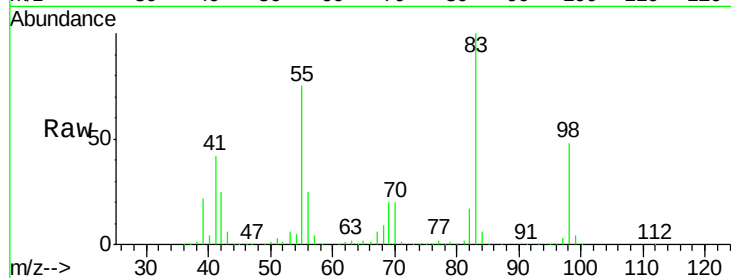
#39
Methylvlcyclohexane
Concen: 50.255 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	60.7	91.1
98	47.7	37.8	56.8

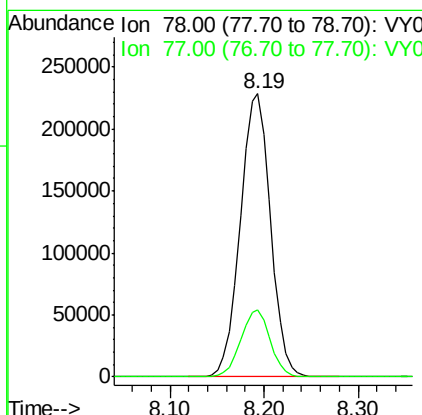
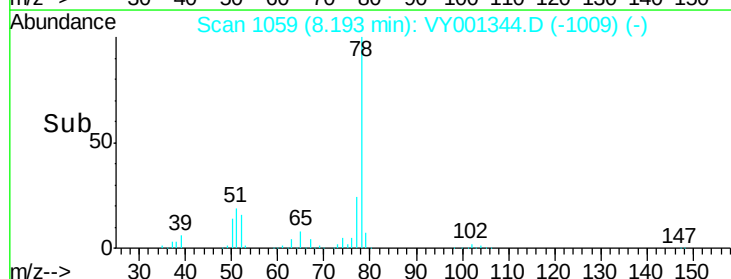
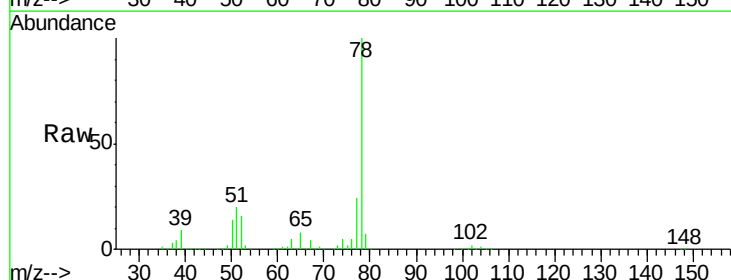
Manual Integrations
APPROVED

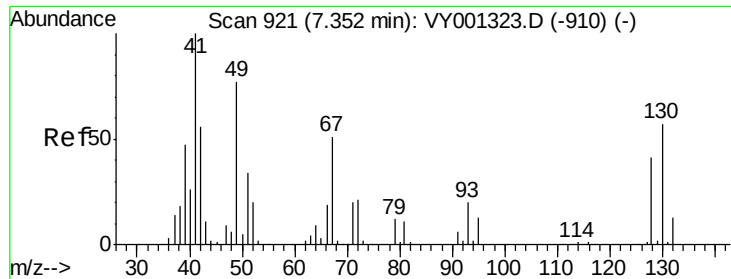
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#40
Benzene
Concen: 47.723 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	27.8





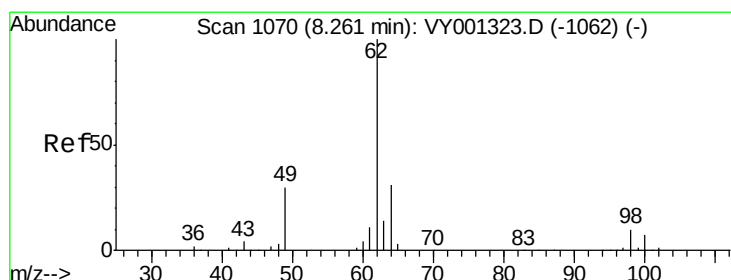
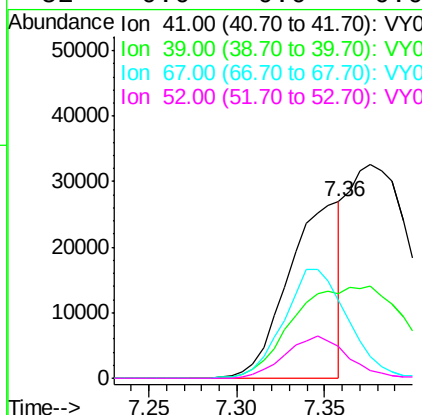
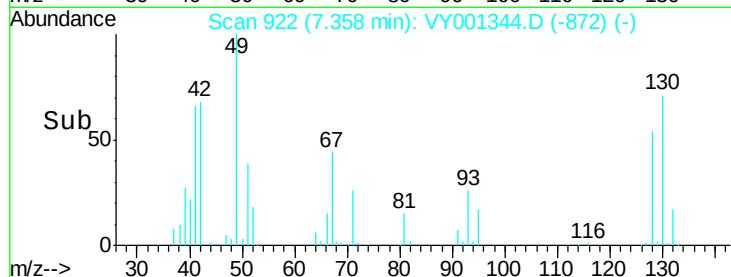
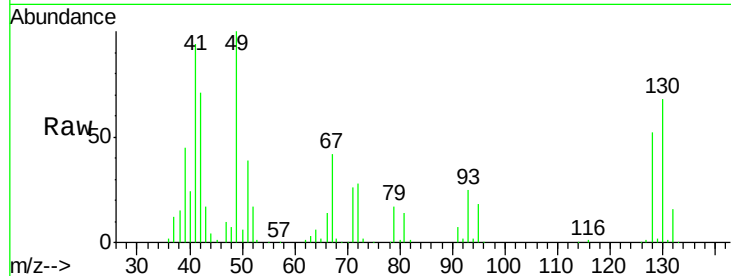
#41
Methacrylonitrile
Concen: 49.884 ug/l m
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	111.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

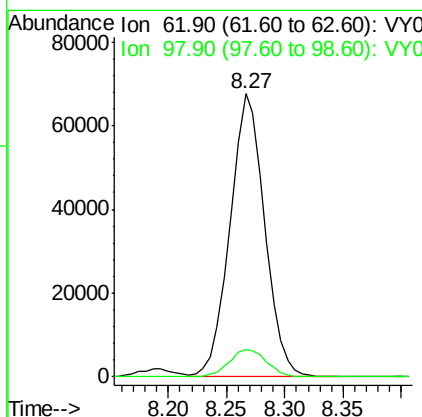
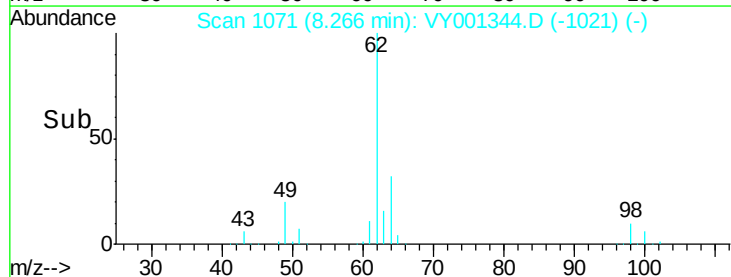
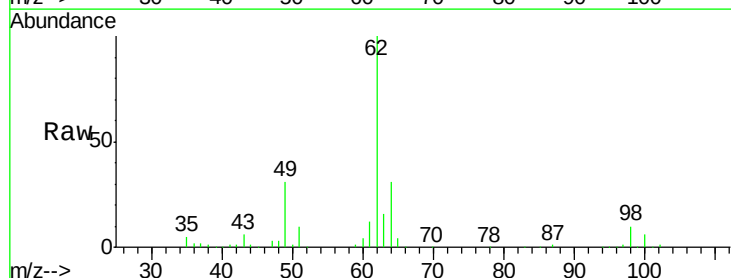
Manual Integrations
APPROVED

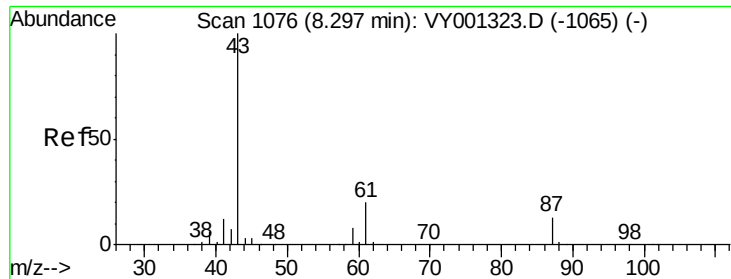
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#42
1,2-Dichloroethane
Concen: 46.785 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8





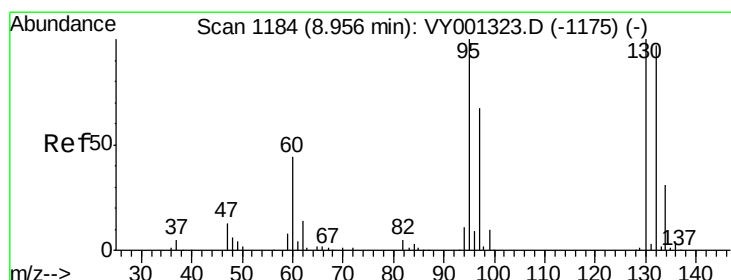
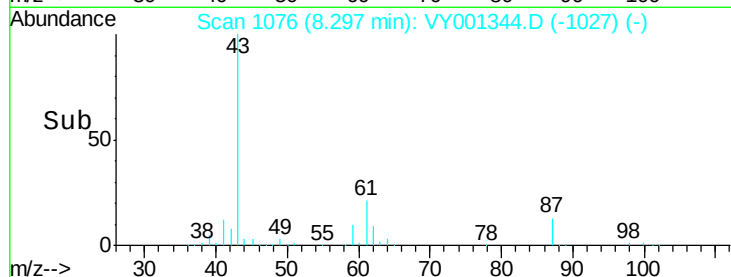
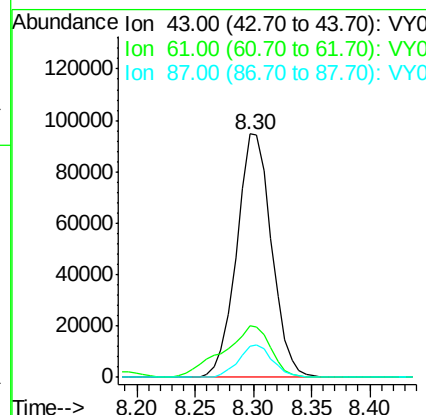
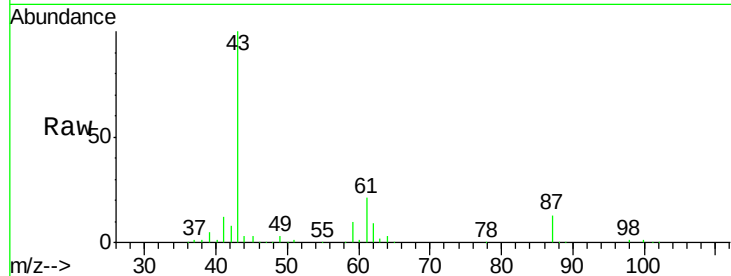
#43
Isopropyl Acetate
Concen: 46.627 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.8	22.7	34.1
87	12.9	11.0	16.4

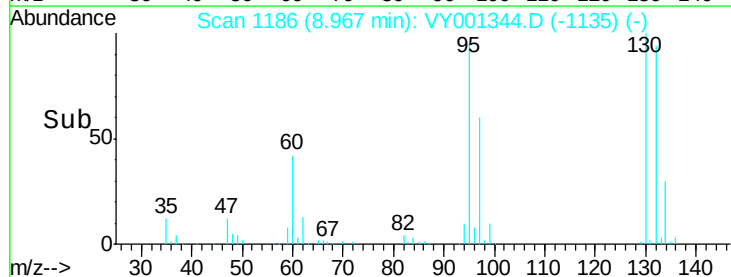
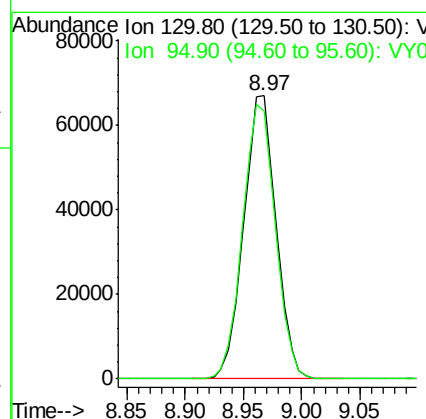
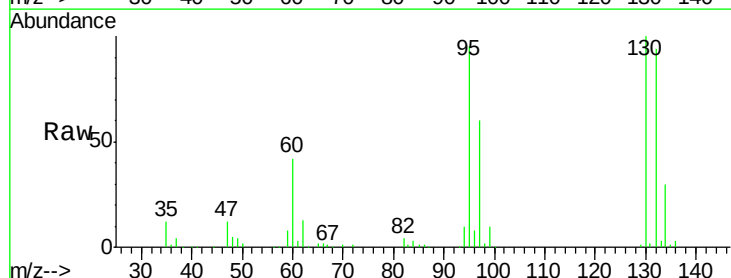
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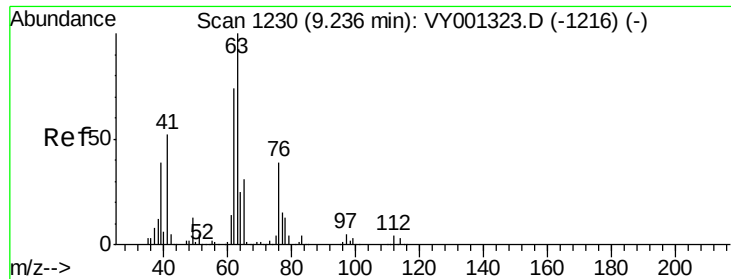
MMDadoda
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#44
Trichloroethene
Concen: 47.412 ug/l
RT: 8.97 min Scan# 1186
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	200.0





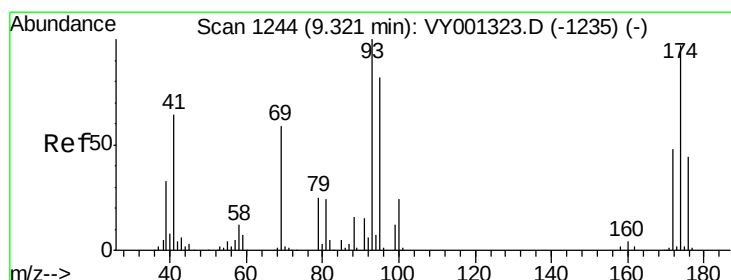
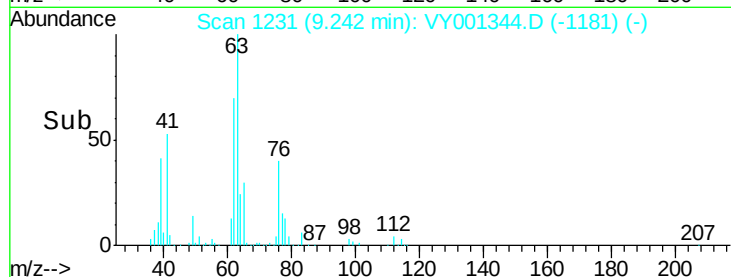
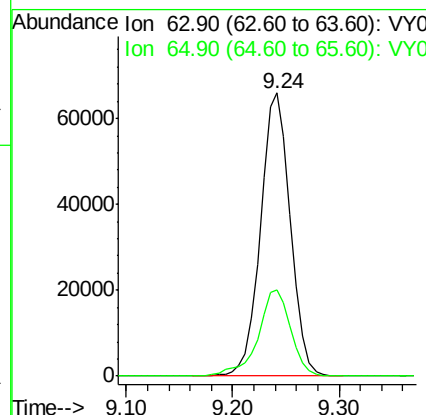
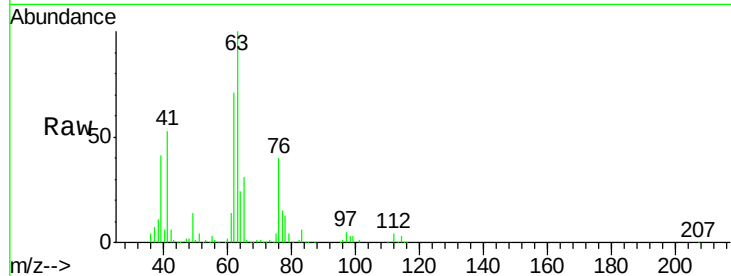
#45
 1,2-Dichloropropane
 Concen: 47.641 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001344.D
 Acq: 23 Jan 2020 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 129089
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.9 37.3

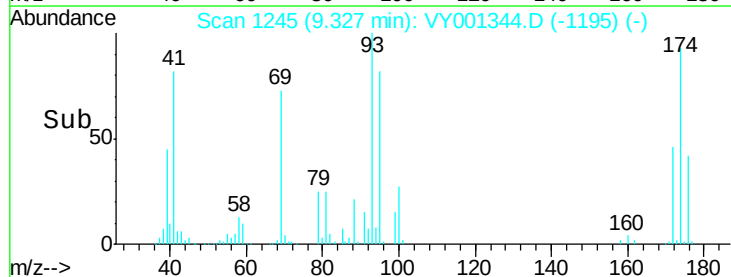
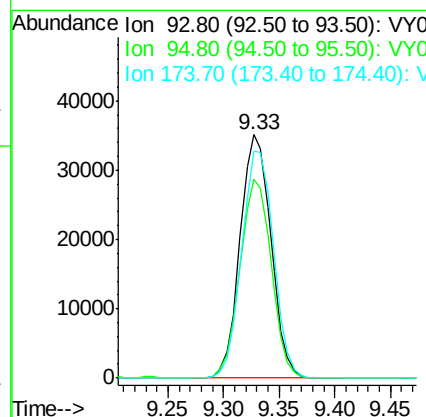
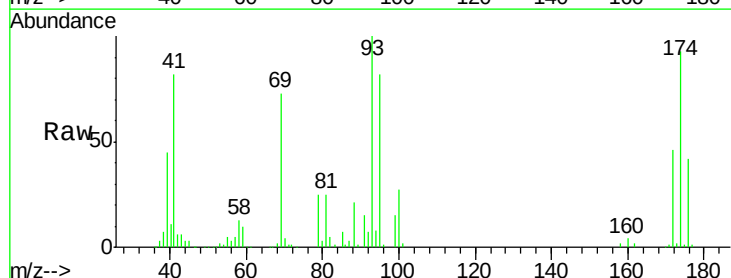
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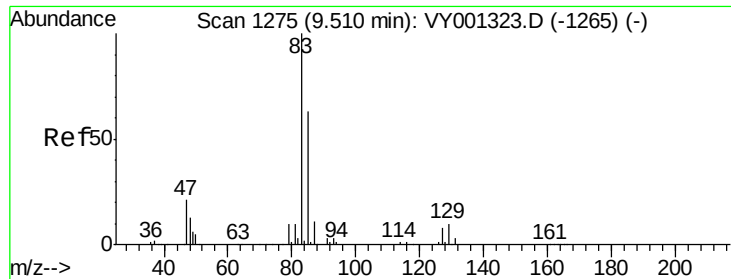
MMDadoda
 1/24/2020 4:03:20 PM



#46
 Dibromomethane
 Concen: 46.483 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY001344.D
 Acq: 23 Jan 2020 11:07

Tgt Ion: 93 Resp: 67617
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.5 99.7
 174 96.3 77.9 116.9





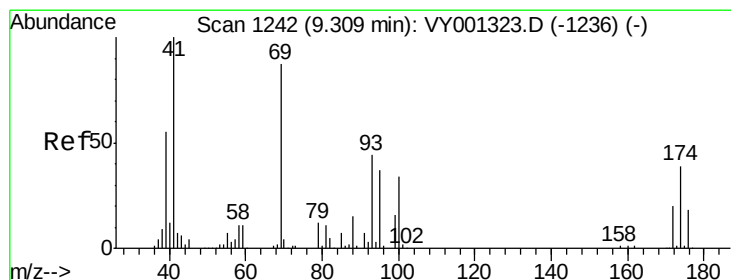
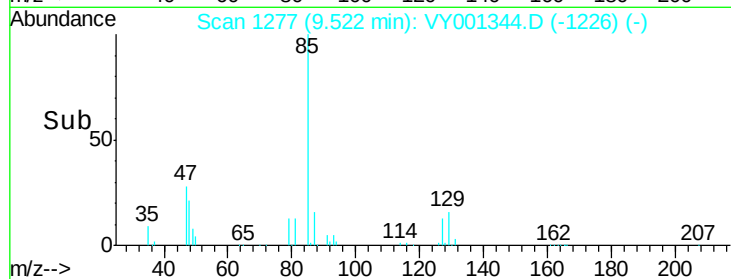
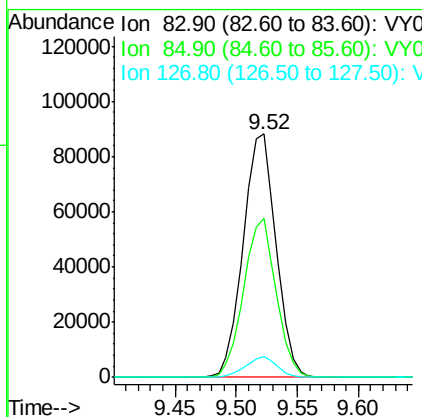
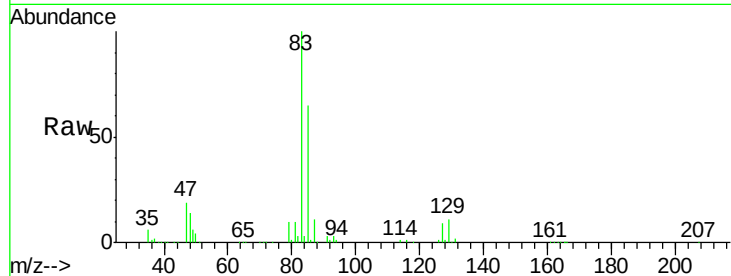
#47
Bromodichloromethane
Concen: 47.473 ug/l
RT: 9.52 min Scan# 1277
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.2	75.2
127	8.5	6.4	9.6

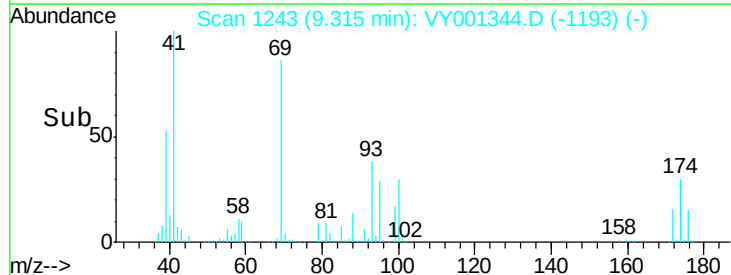
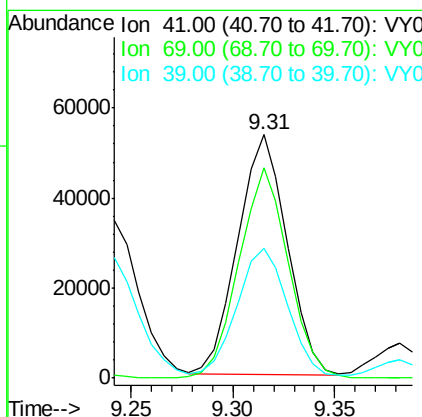
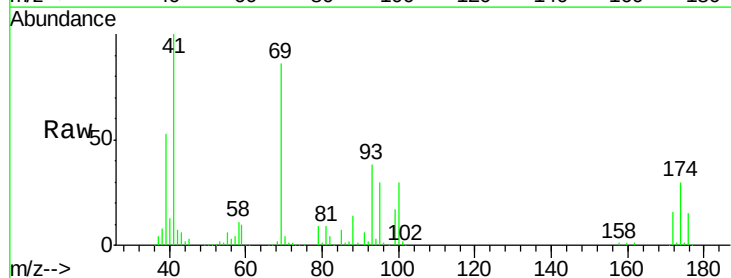
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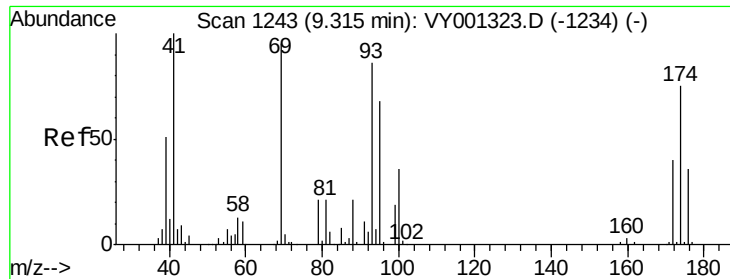
MMDadoda
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#48
Methyl methacrylate
Concen: 46.140 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.6	70.2	105.4
39	54.1	45.7	68.5





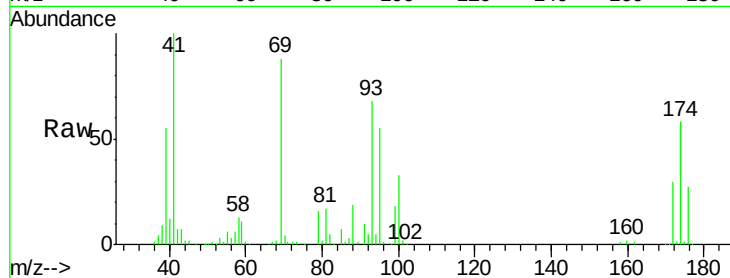
#49
1,4-Dioxane
Concen: 926.064 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	28.2	42.2
58	70.6	55.6	83.4

Manual Integrations
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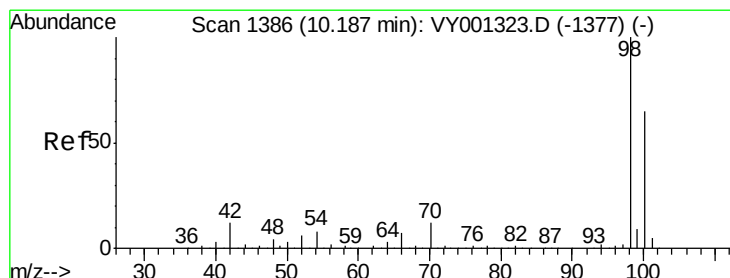
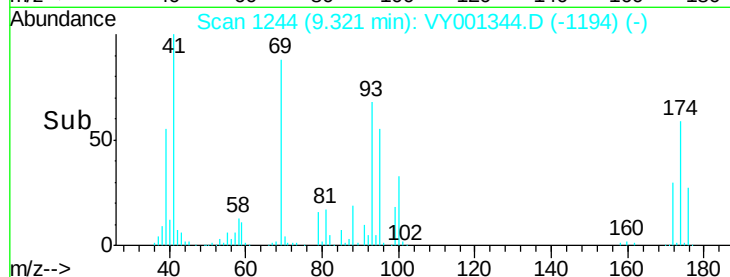
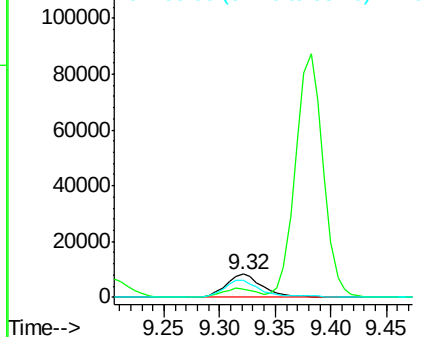


Abundance

Ion 88.00 (87.70 to 88.70): VY001344.D (-1194) (-)

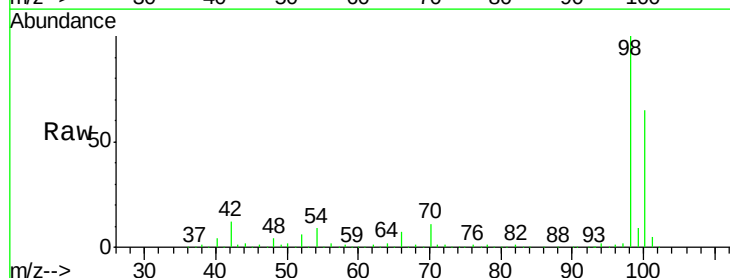
Ion 43.00 (42.70 to 43.70): VY001344.D (-1194) (-)

Ion 58.00 (57.70 to 58.70): VY001344.D (-1194) (-)



#50
Toluene-d8
Concen: 48.924 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

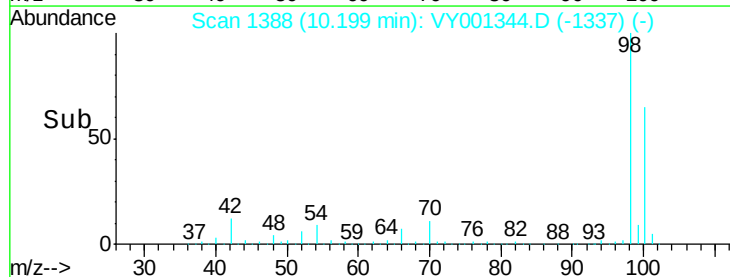
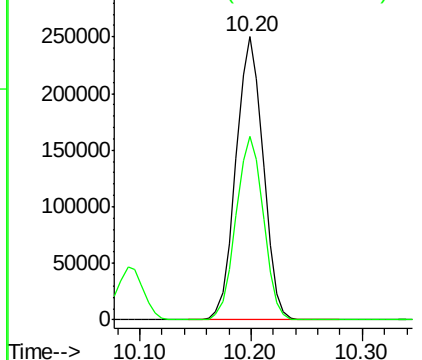
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.6	79.0

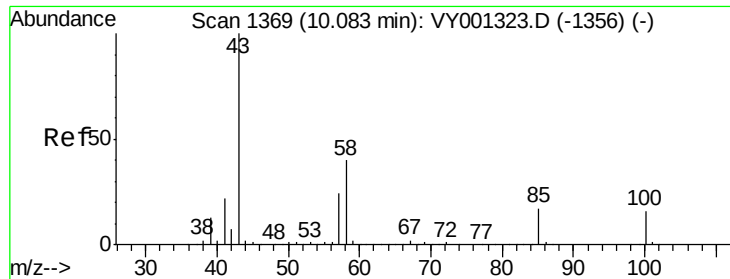


Abundance

Ion 98.00 (97.70 to 98.70): VY001344.D (-1337) (-)

Ion 100.00 (99.70 to 100.70): VY001344.D (-1337) (-)





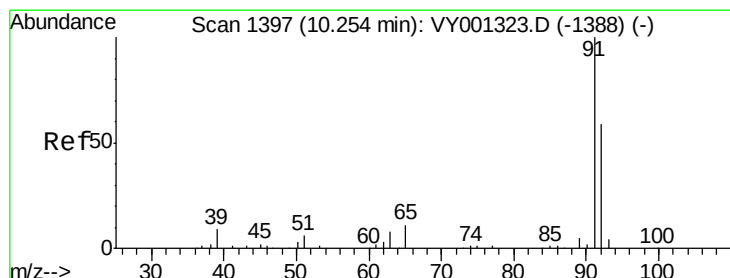
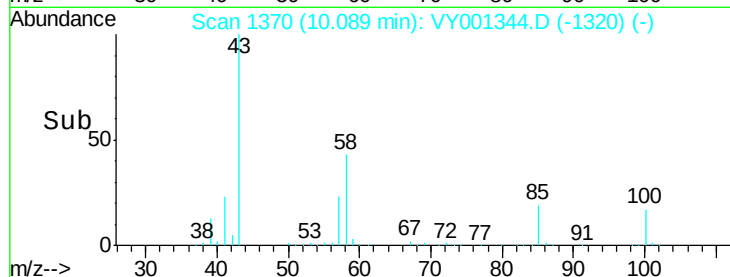
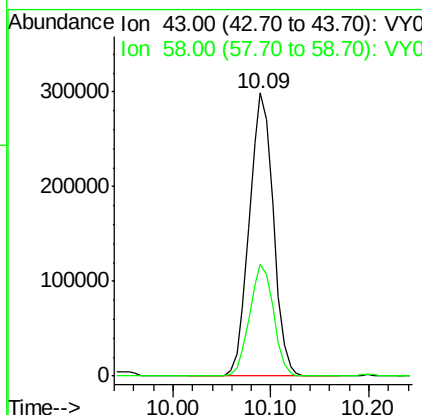
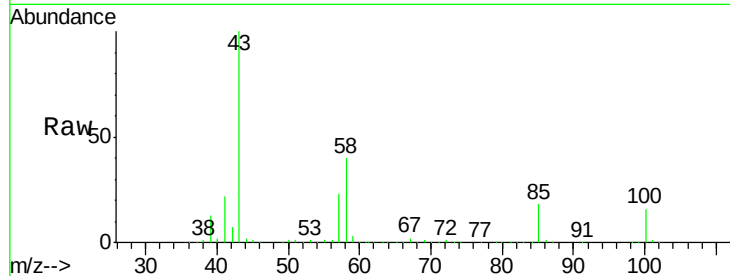
#51
4-Methyl-2-Pentanone
Concen: 232.191 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 507825
Ion Ratio Lower Upper
43 100
58 39.4 31.5 47.3

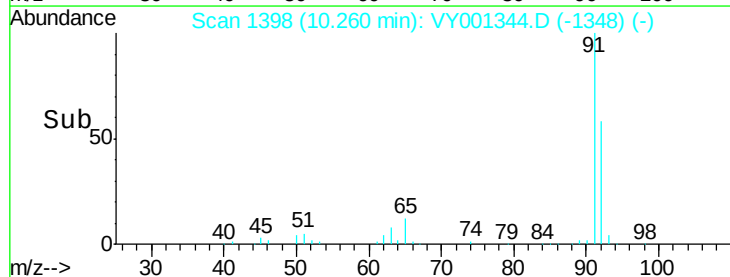
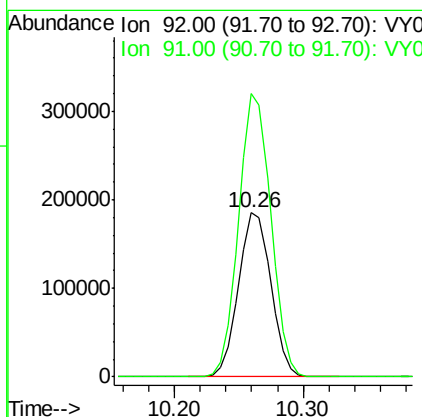
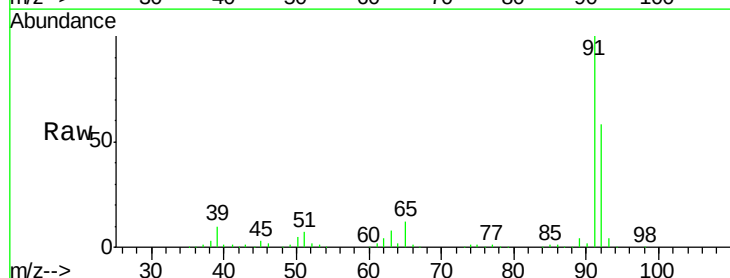
Manual Integrations
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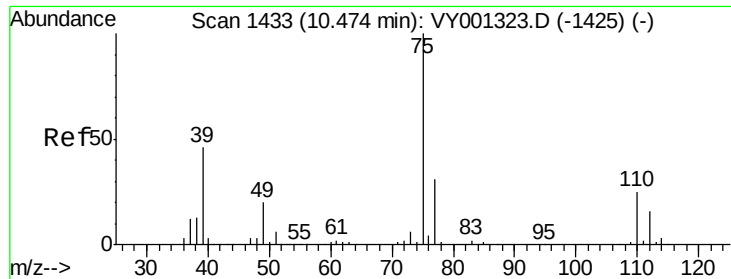
MMDadoda
1/24/2020 4:03:20 PM



#52
Toluene
Concen: 47.553 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion: 92 Resp: 323104
Ion Ratio Lower Upper
92 100
91 171.4 136.4 204.6





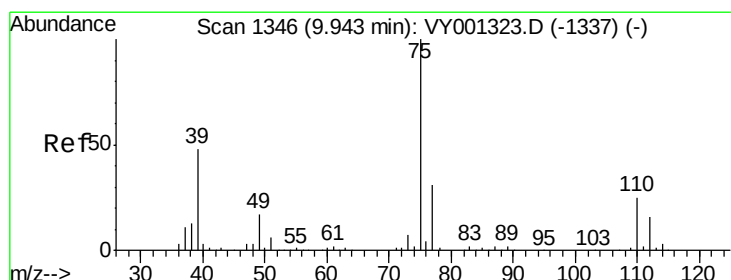
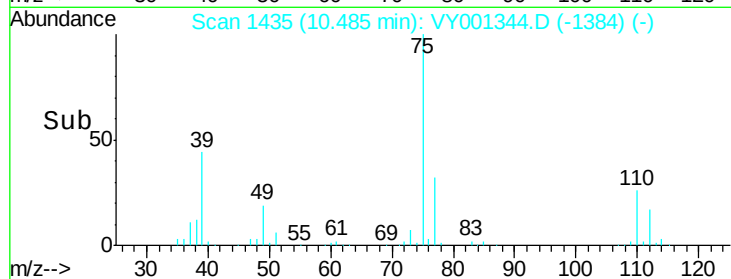
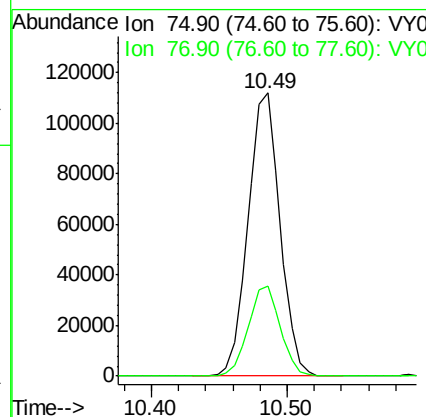
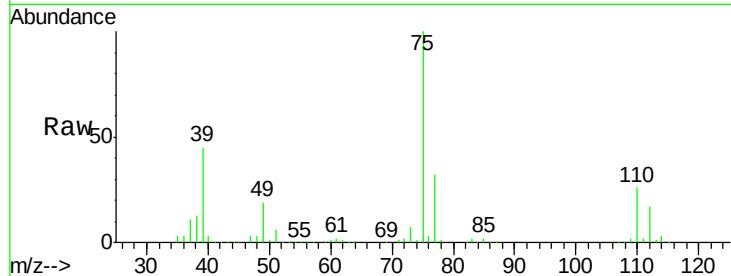
#53
t-1,3-Dichloropropene
Concen: 47.760 ug/l
RT: 10.49 min Scan# 1435
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.2	37.8

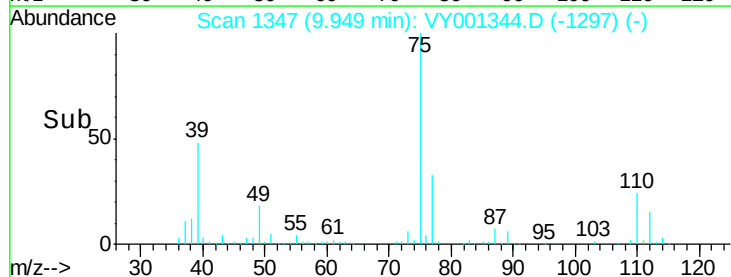
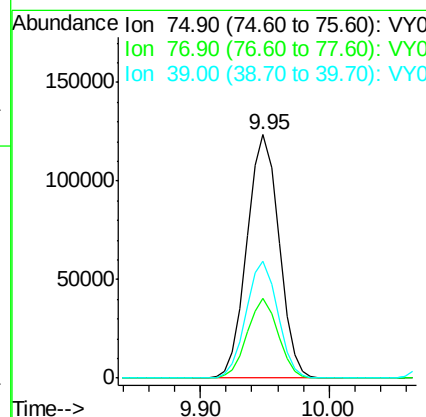
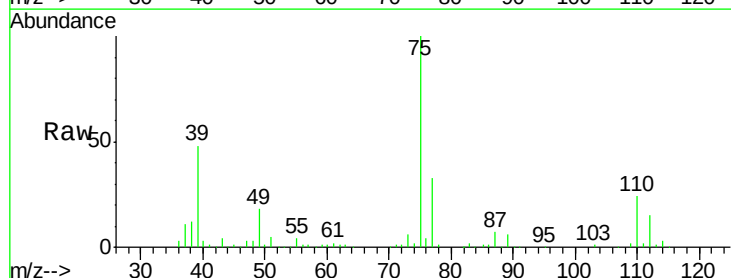
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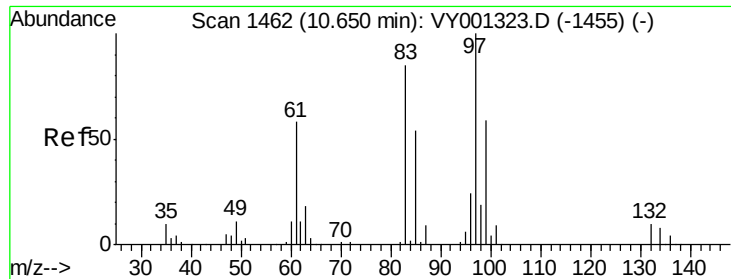
MMDadoda
1/24/2020 4:03:20 PM



#54
cis-1,3-Dichloropropene
Concen: 47.996 ug/l
RT: 9.95 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.0	37.6
39	48.2	38.2	57.4





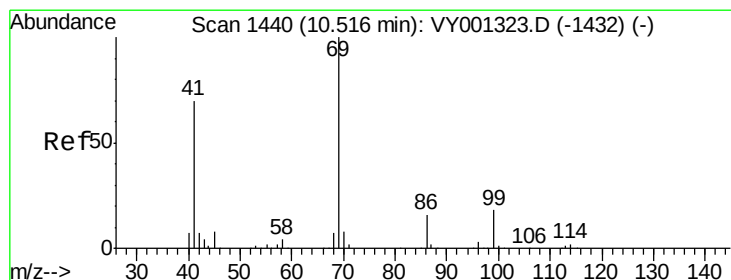
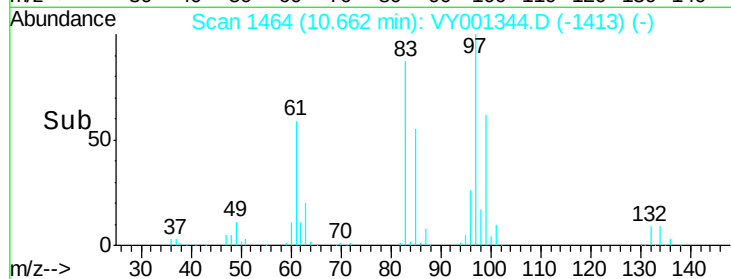
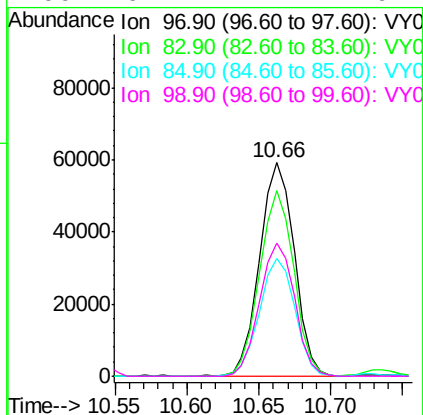
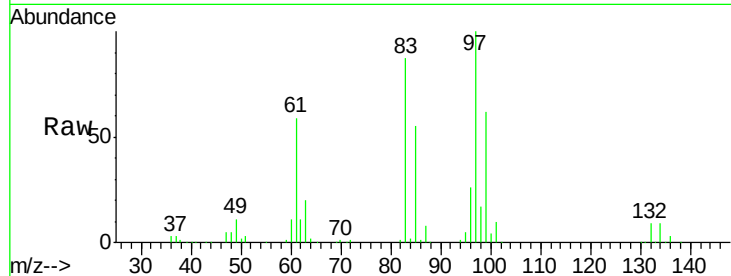
#55
1,1,2-Trichloroethane
Concen: 46.082 ug/l
RT: 10.66 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	97	Resp:	98942
Ion	Ratio	Lower	Upper
97	100		
83	86.7	68.0	102.0
85	54.9	43.6	65.4
99	62.1	47.1	70.7

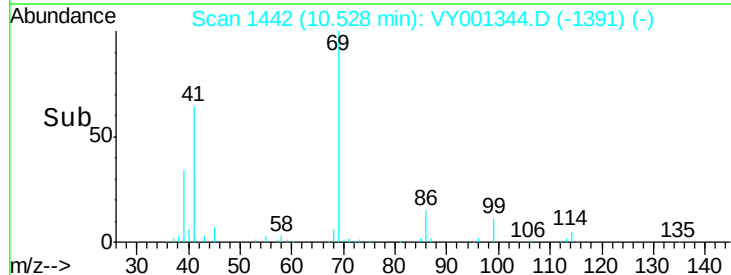
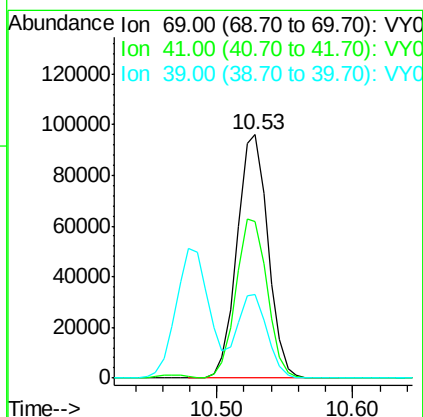
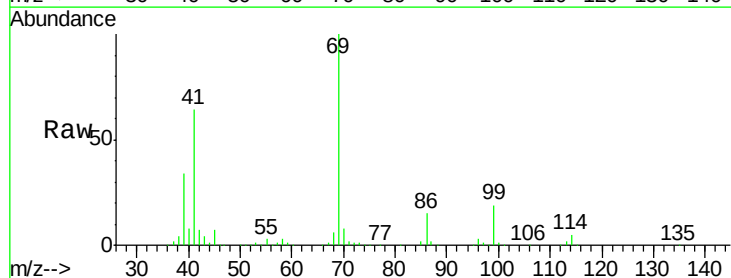
Manual Integrations
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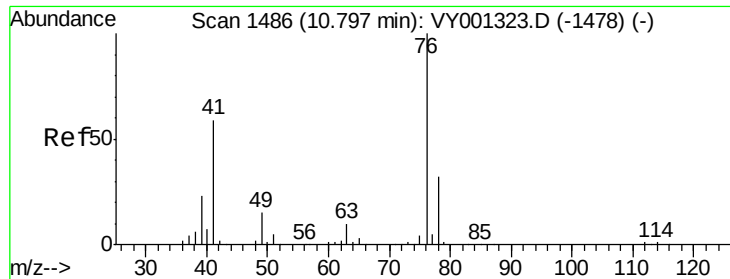
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#56
Ethyl methacrylate
Concen: 47.070 ug/l
RT: 10.53 min Scan# 1442
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion:	69	Resp:	152749
Ion	Ratio	Lower	Upper
69	100		
41	66.1	54.1	81.1
39	34.1	26.8	40.2





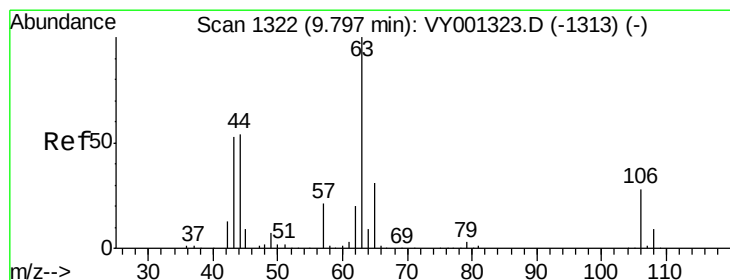
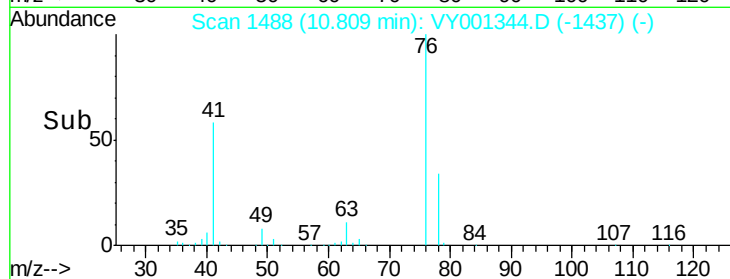
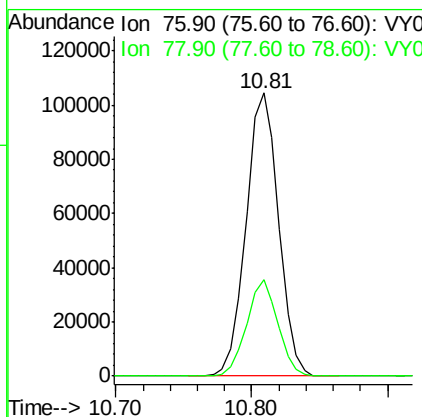
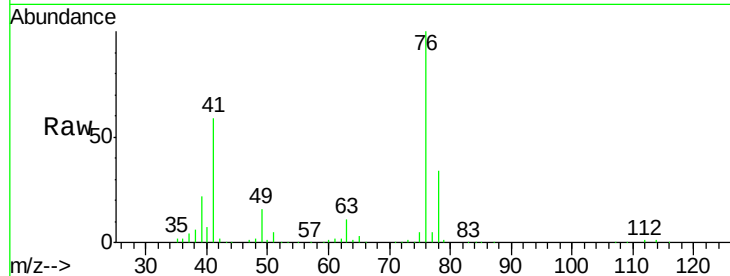
#57
 1,3-Dichloropropane
 Concen: 46.735 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001344.D
 Acq: 23 Jan 2020 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.8

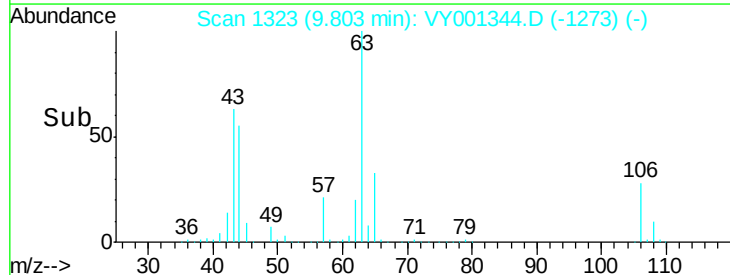
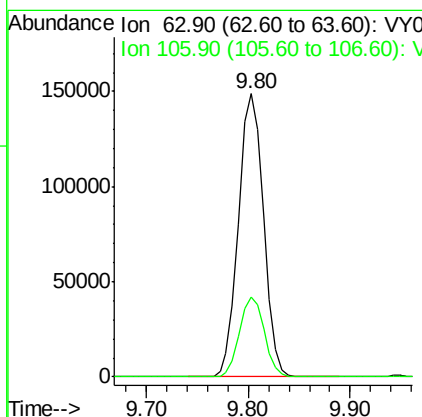
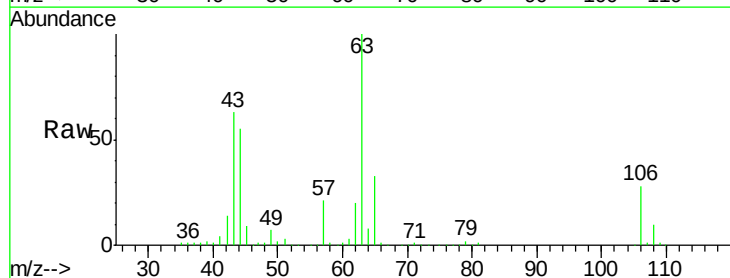
Manual Integrations
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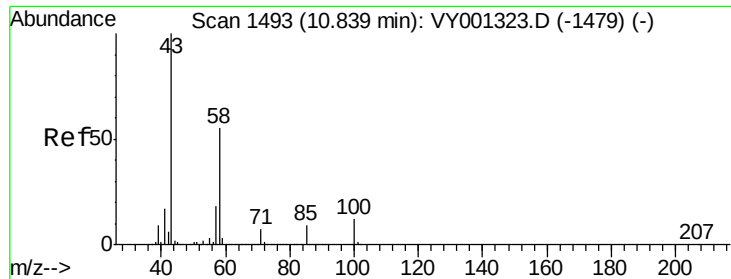
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 1/24/2020 4:03:20 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 224.632 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001344.D
 Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	22.5	33.7





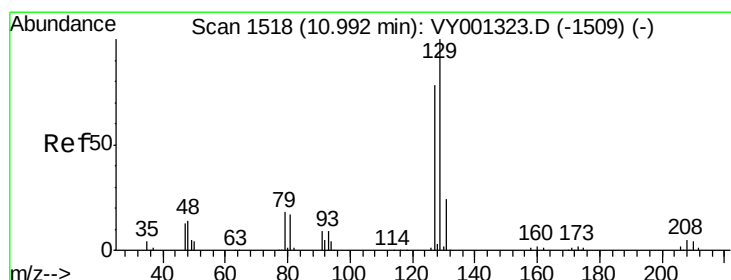
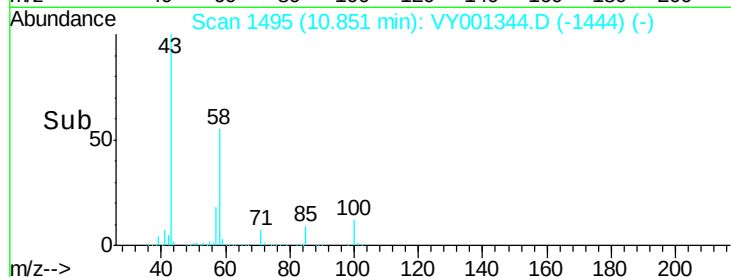
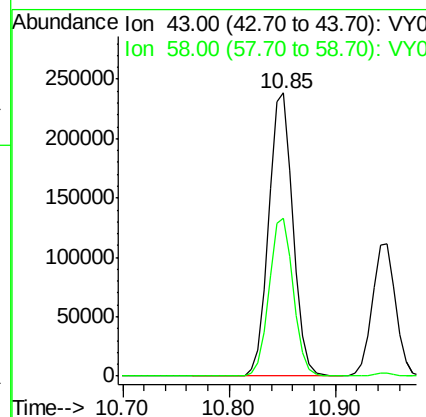
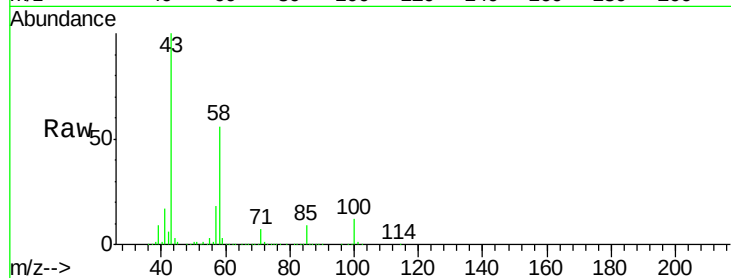
#59
2-Hexanone
Concen: 249.640 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 380101
Ion Ratio Lower Upper
43 100
58 55.5 27.6 82.8

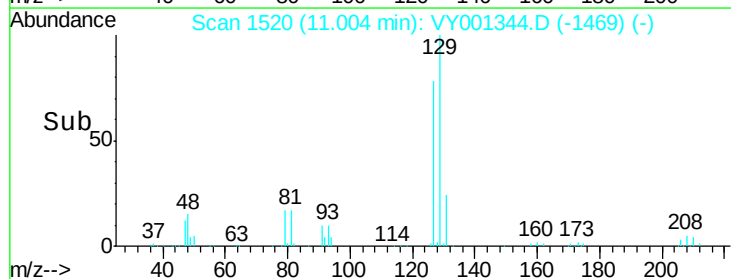
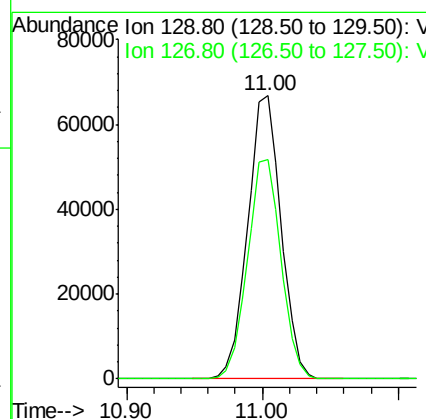
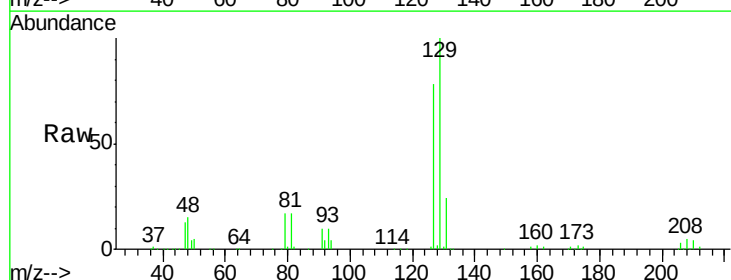
Manual Integrations
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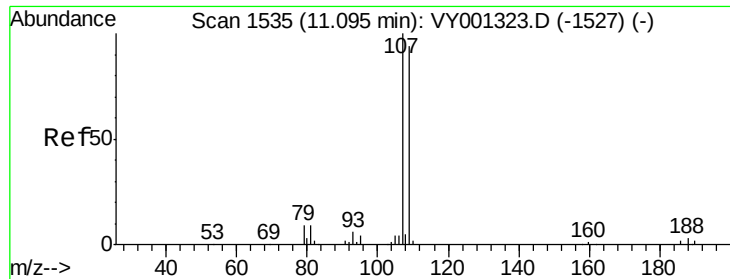
MMDadoda
1/24/2020 4:03:20 PM



#60
Dibromochloromethane
Concen: 47.819 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion: 129 Resp: 114832
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





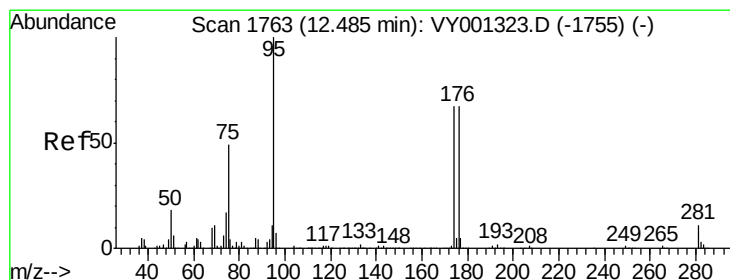
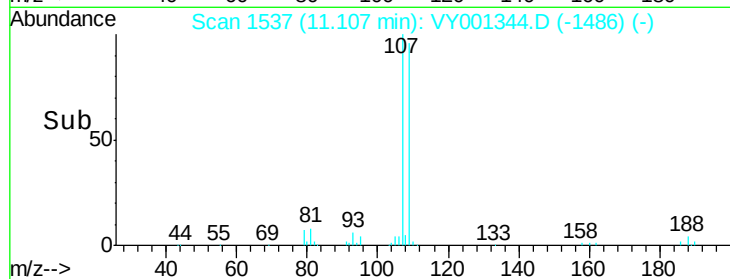
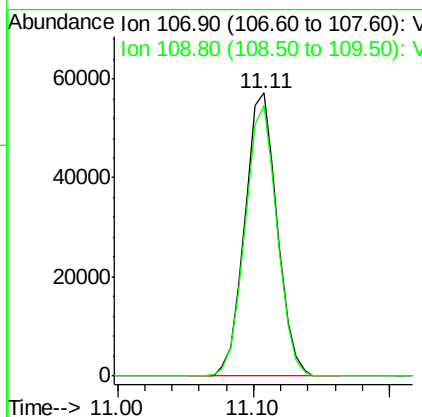
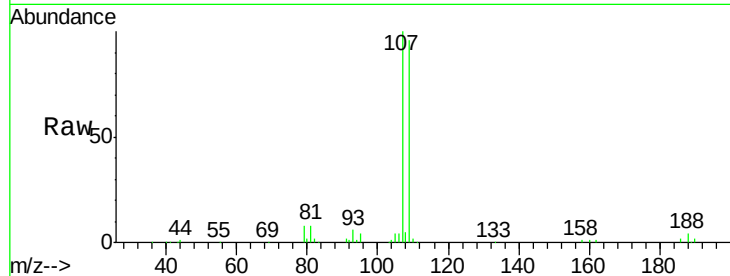
#61
 1,2-Dibromoethane
 Concen: 46.799 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001344.D
 Acq: 23 Jan 2020 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.0	112.6

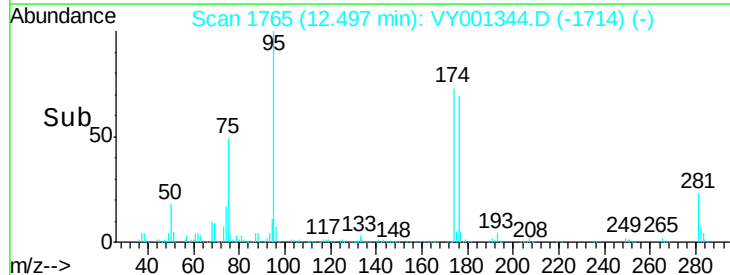
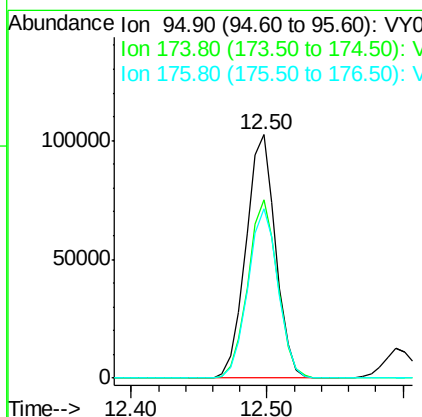
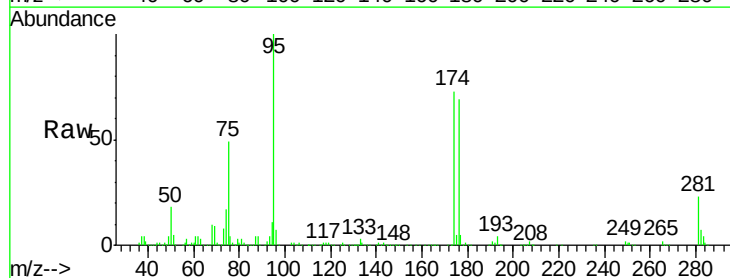
Manual Integrations
 APPROVED

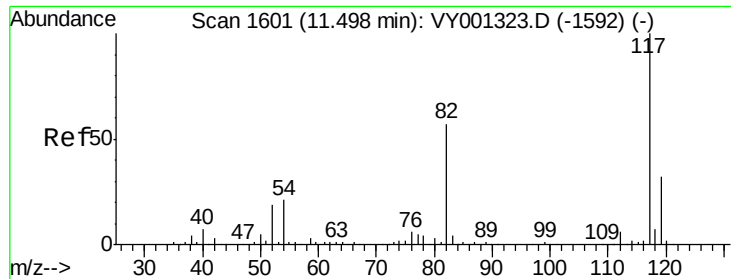
MMDadoda
 1/24/2020 4:03:20 PM



#62
 4-Bromofluorobenzene
 Concen: 45.516 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001344.D
 Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	142.0
176	70.7	0.0	138.6





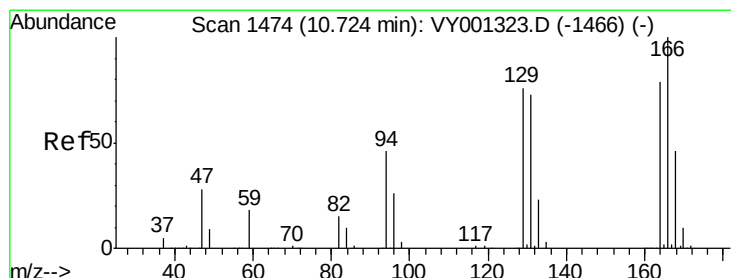
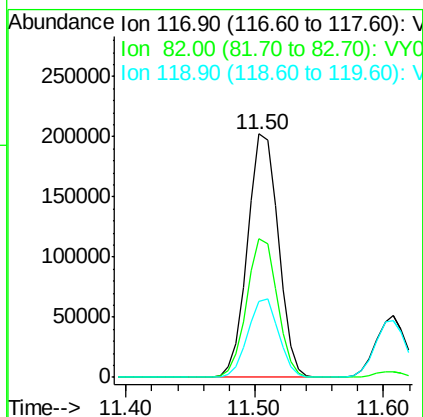
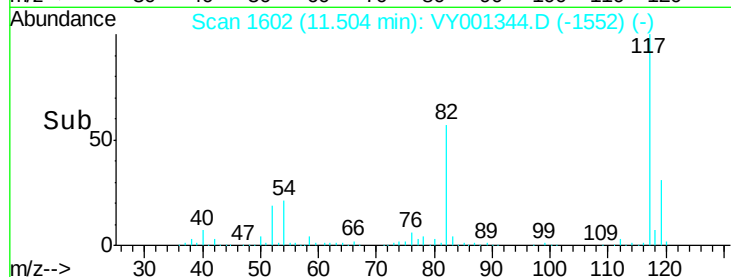
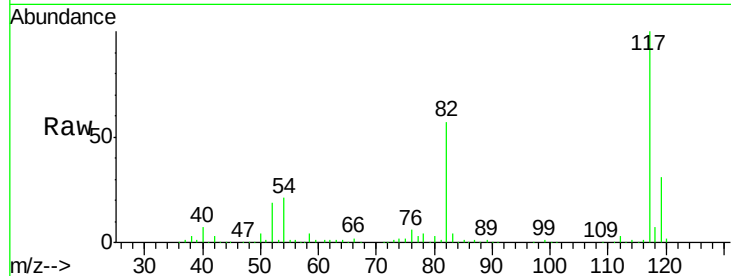
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.5	68.3
119	31.4	25.8	38.6

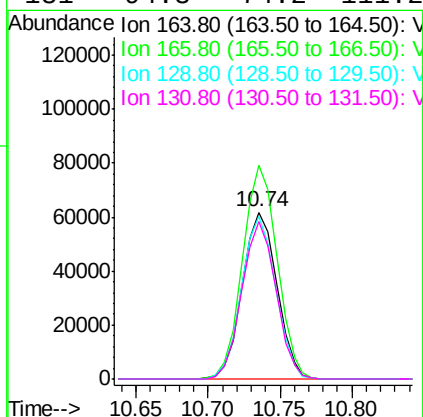
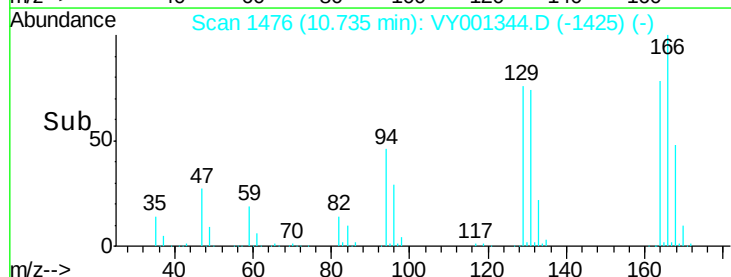
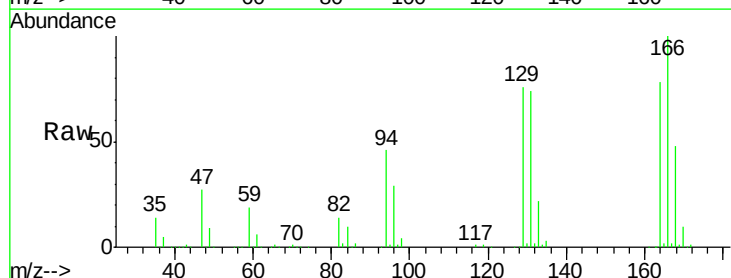
Manual Integrations
APPROVED

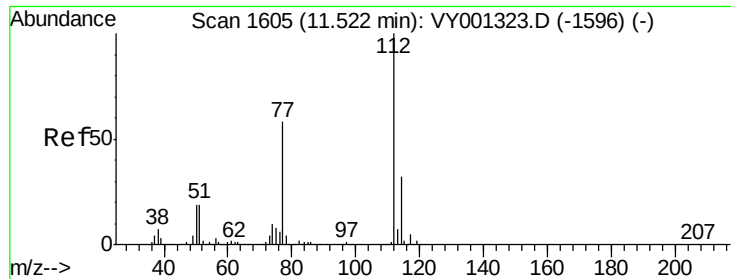
MMDadoda
1/24/2020 4:03:20 PM



#64
Tetrachloroethene
Concen: 48.325 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	101.8	152.8
129	97.6	77.1	115.7
131	94.3	74.2	111.2





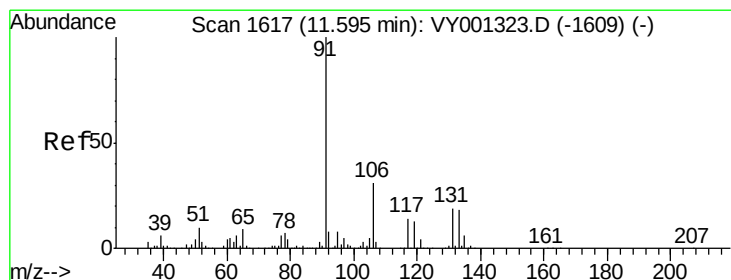
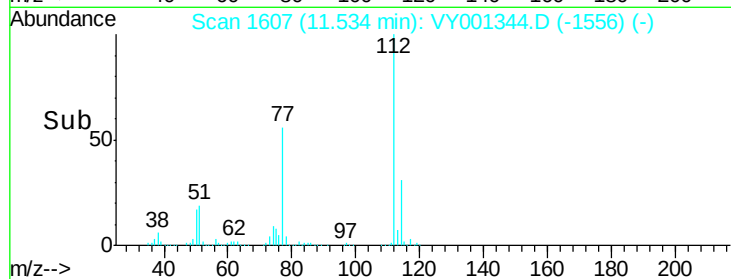
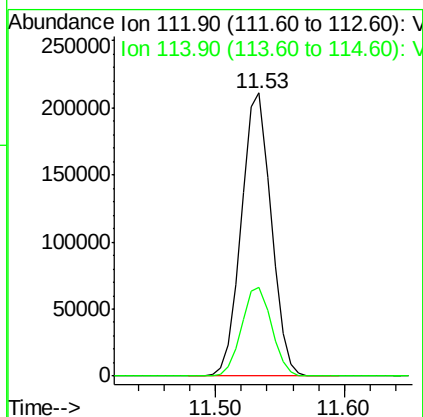
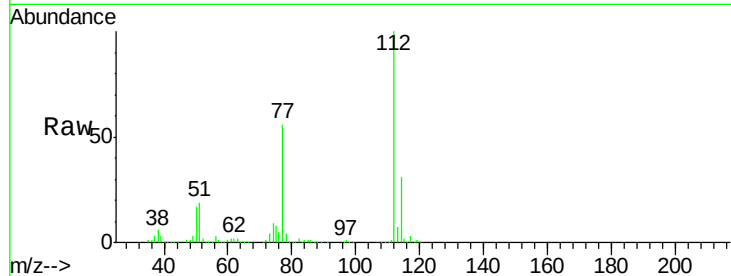
#65
Chlorobenzene
Concen: 47.927 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.8	38.6

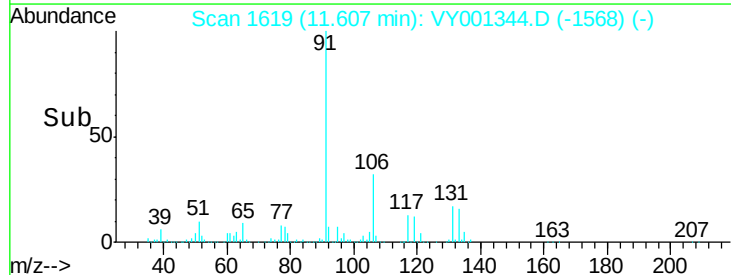
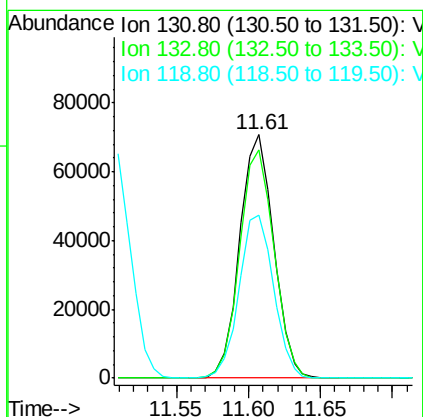
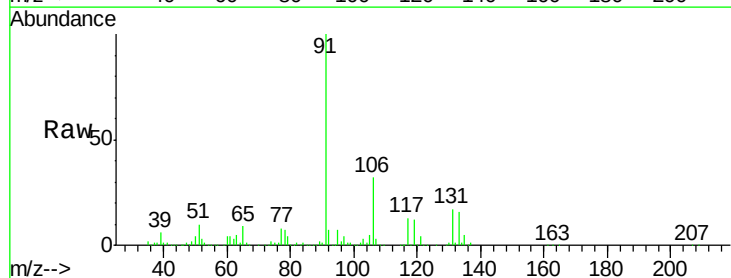
Manual Integrations
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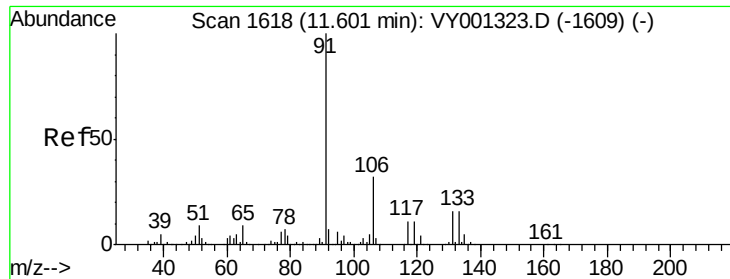
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.094 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.1	141.3
119	68.1	34.1	102.2





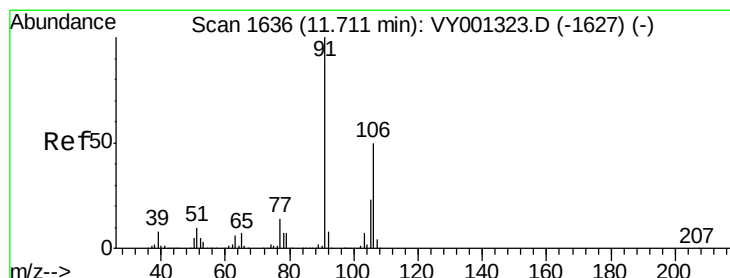
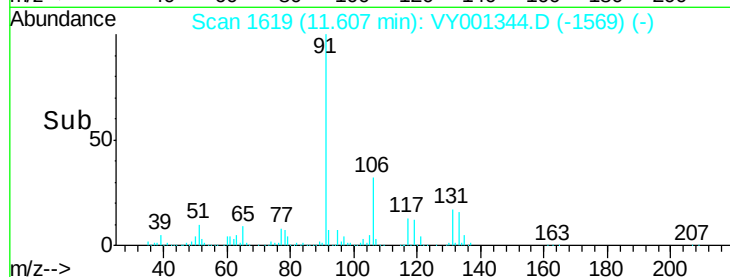
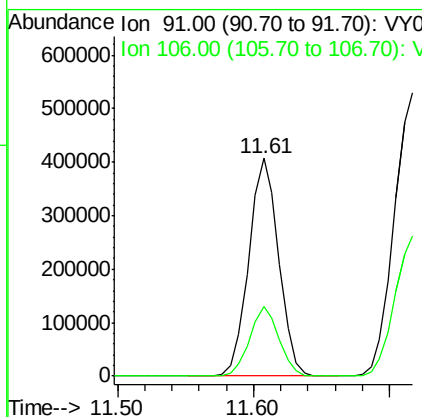
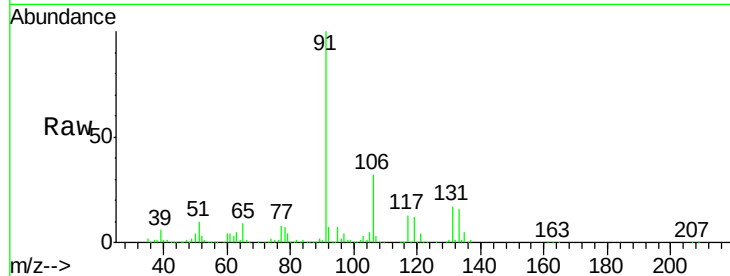
#67
Ethyl Benzene
Concen: 48.352 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 626899
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.0

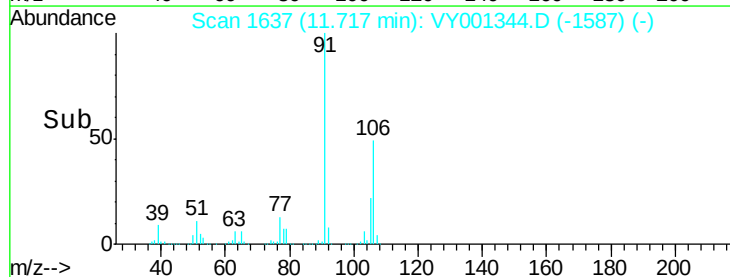
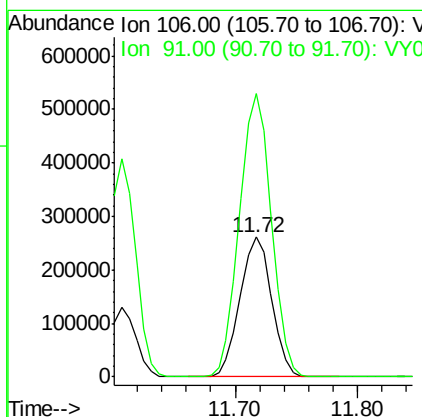
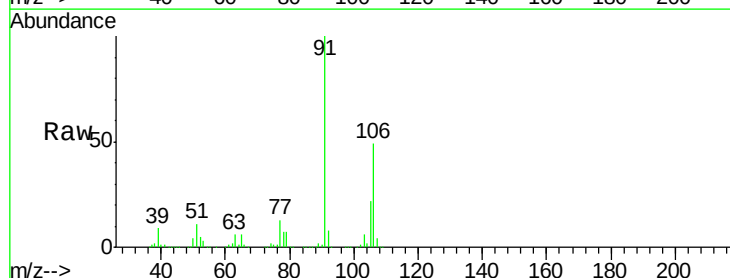
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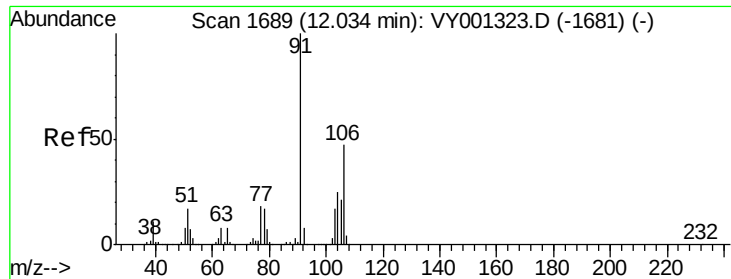
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1/24/2020 4:03:20 PM



#68
m/p-Xylenes
Concen: 97.429 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion: 106 Resp: 471787
Ion Ratio Lower Upper
106 100
91 203.7 162.8 244.2





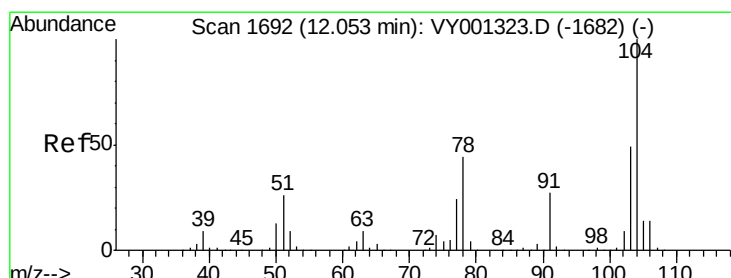
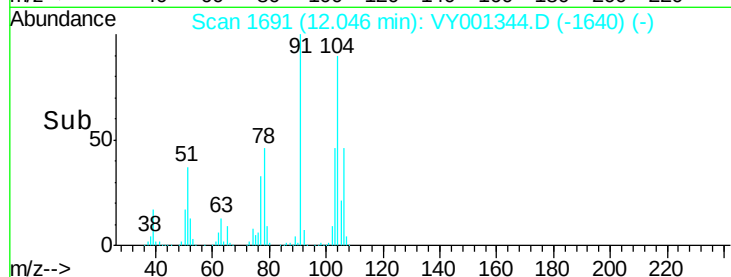
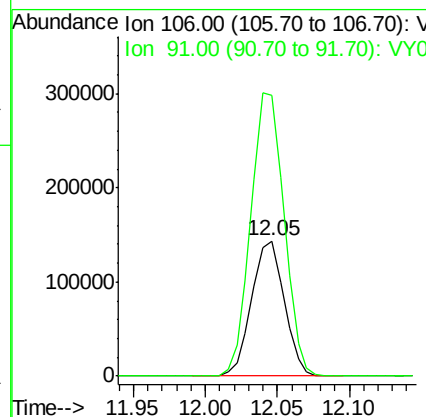
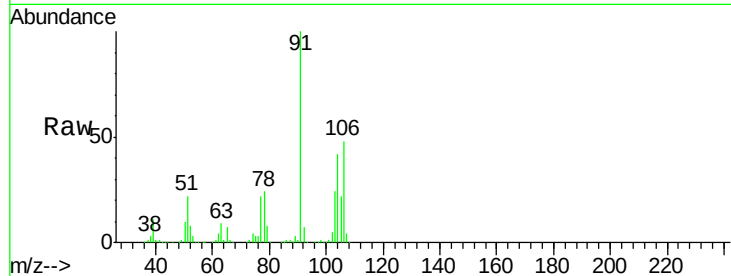
#69
o-Xylene
Concen: 48.382 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.3	106.3	319.0	

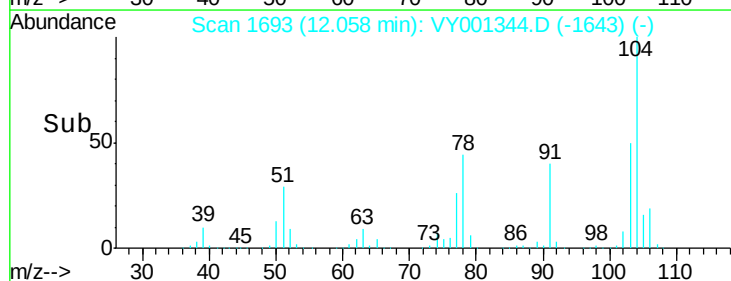
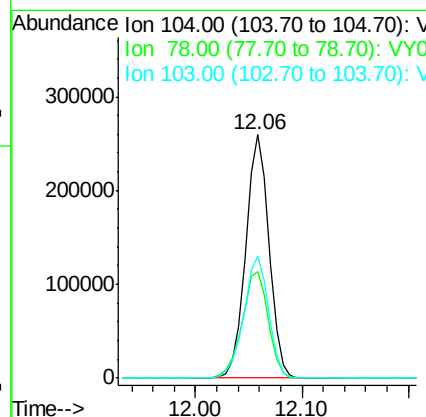
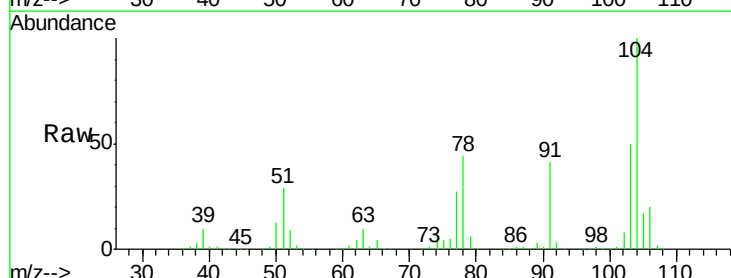
Manual Integrations
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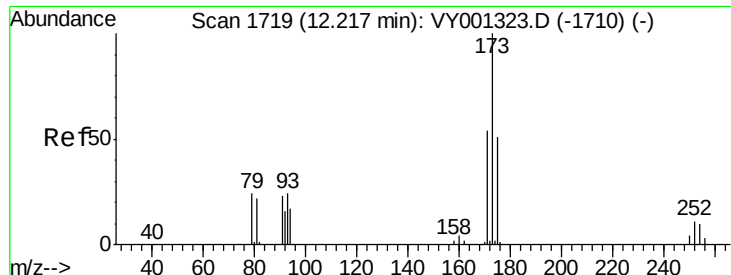
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#70
Styrene
Concen: 48.664 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.1	39.8	59.8	
103	53.4	43.2	64.8	





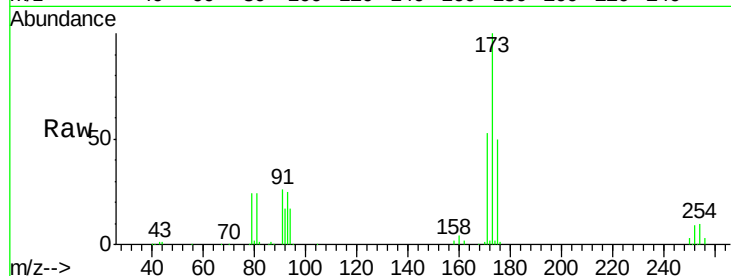
#71
Bromoform
Concen: 47.646 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

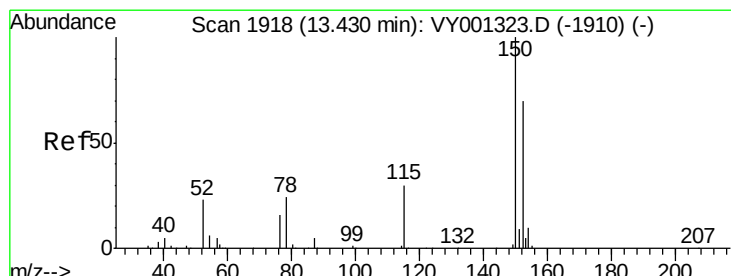
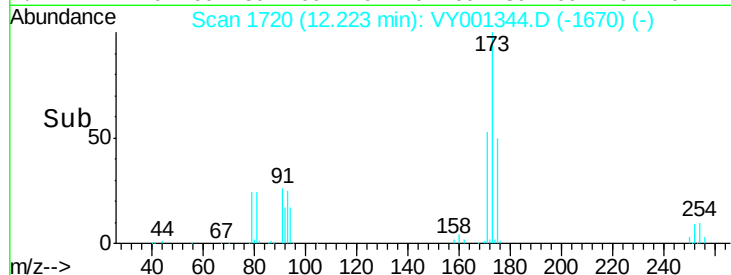
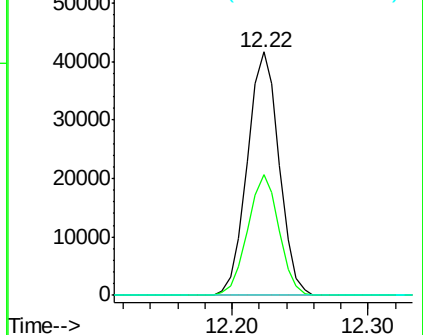
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.9
254	0.0	0.0	0.0

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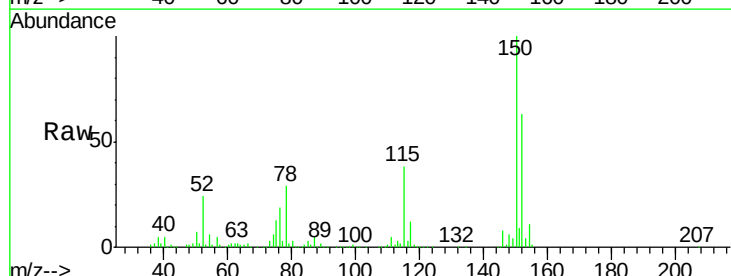


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

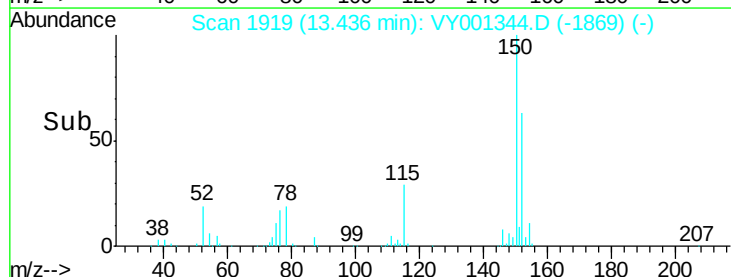
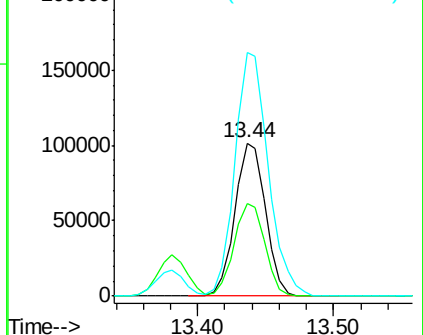


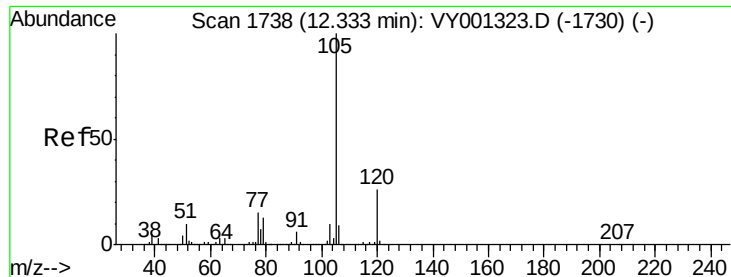
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.9	92.8
150	174.6	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





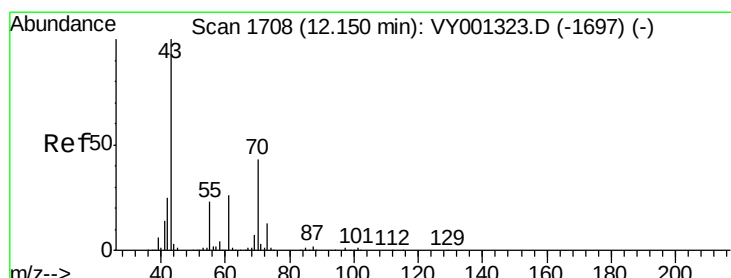
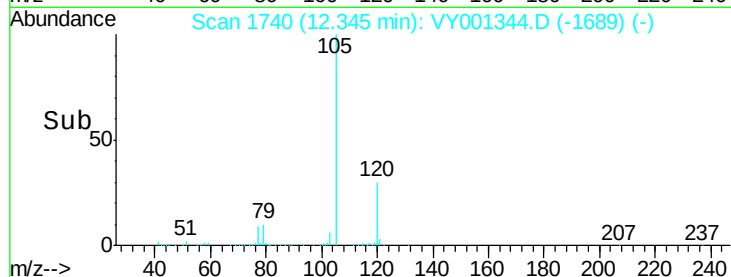
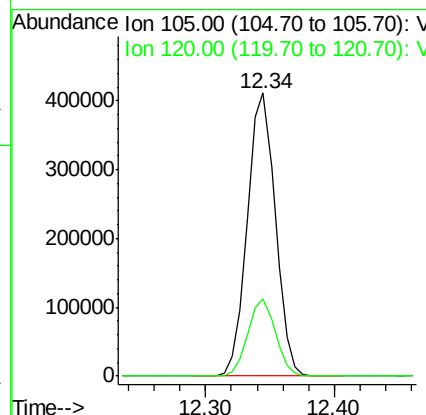
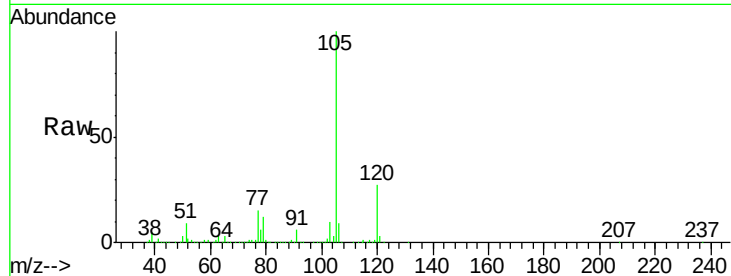
#73
Isopropylbenzene
Concen: 49.318 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 615833
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

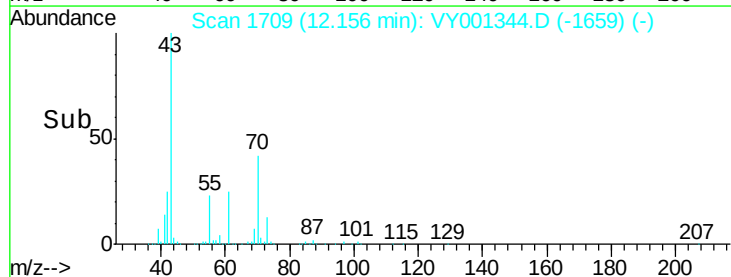
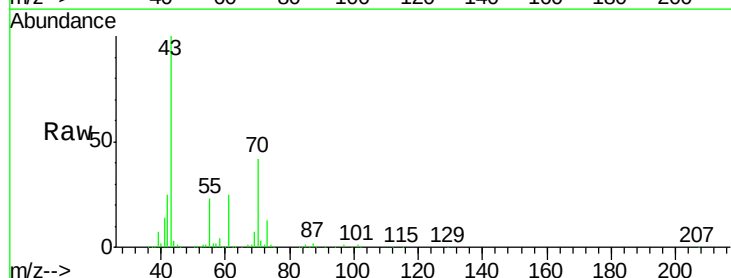
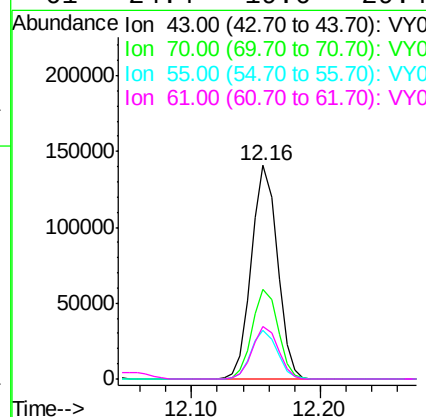
Manual Integrations
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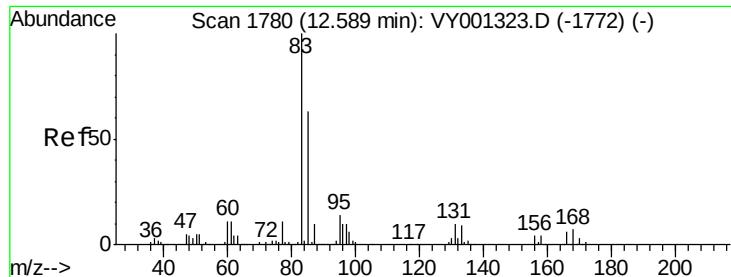
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1/24/2020 4:03:20 PM



#74
N-ethyl acetate
Concen: 47.999 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion: 43 Resp: 196192
Ion Ratio Lower Upper
43 100
70 41.9 33.5 50.3
55 22.9 18.2 27.2
61 24.4 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.675 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Instrument :

MSVOA_Y

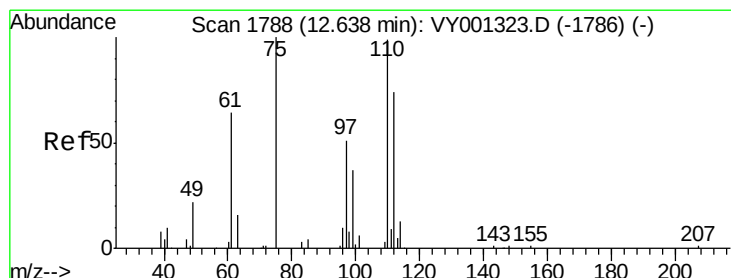
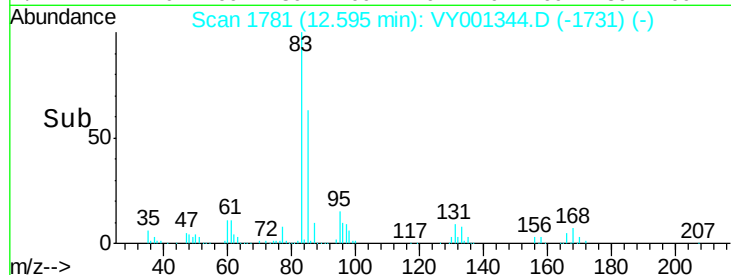
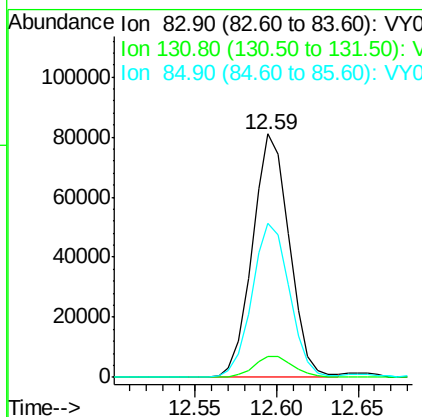
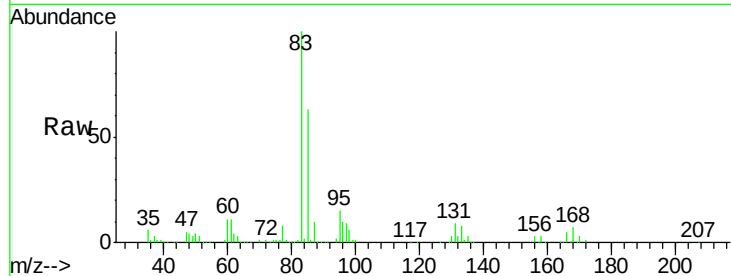
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	127496
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.9	14.6
85	64.3	31.4	94.3

Manual Integrations
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1/24/2020 4:03:20 PM



#76

1,2,3-Trichloropropane

Concen: 41.044 ug/l m

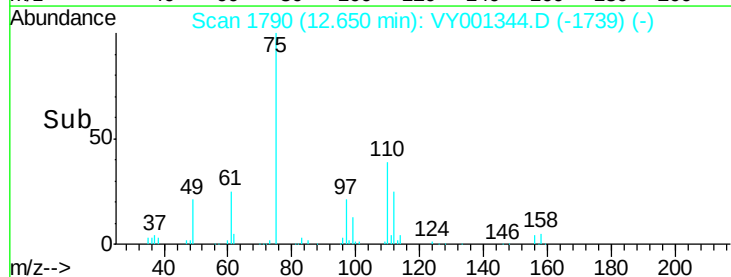
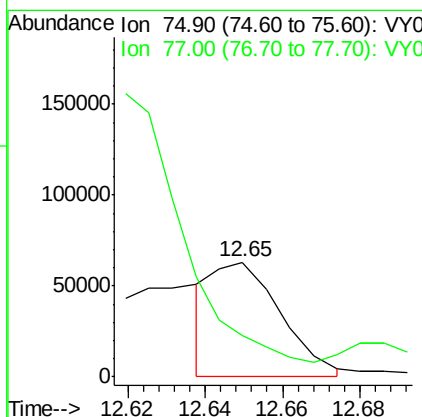
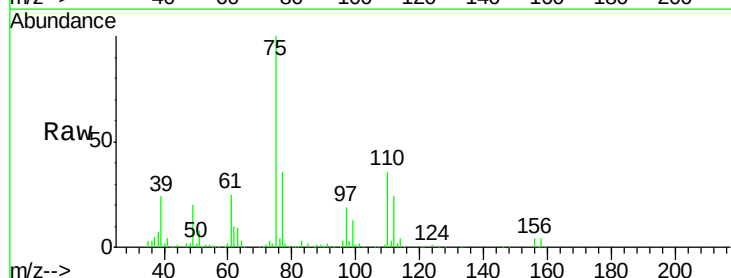
RT: 12.65 min Scan# 1790

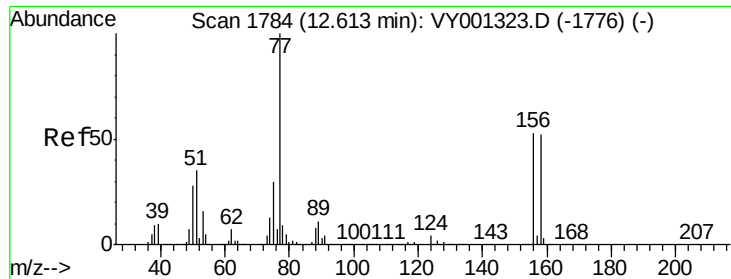
Delta R.T. 0.01 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Tgt Ion:	75	Resp:	78266
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.473 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 131299

Ion Ratio Lower Upper

156 100

77 212.9 104.7 313.9

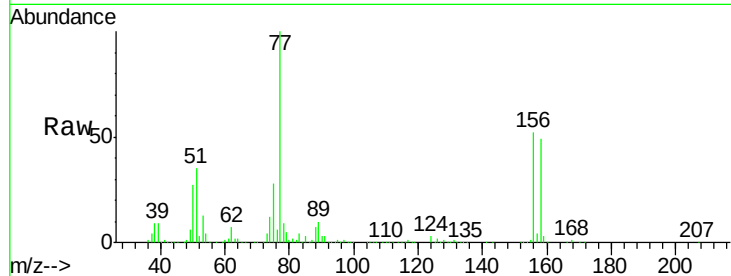
158 95.7 48.6 145.8

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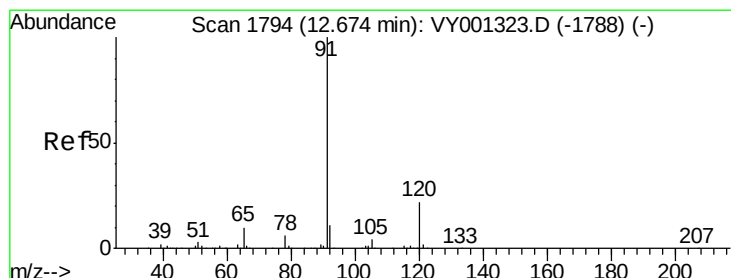
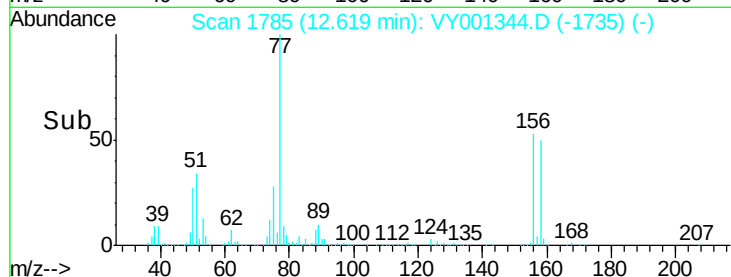
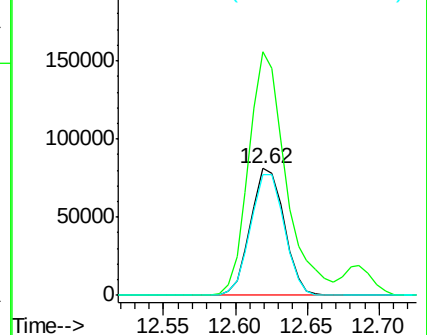
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.631 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001344.D

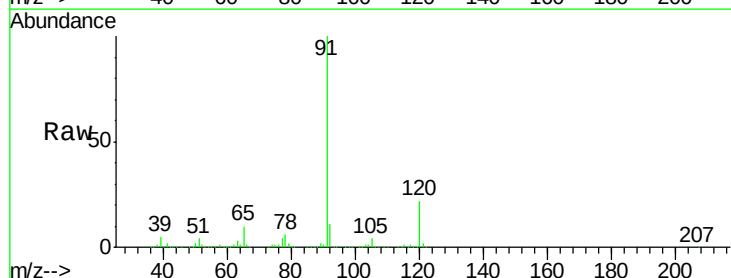
Acq: 23 Jan 2020 11:07

Tgt Ion: 91 Resp: 745944

Ion Ratio Lower Upper

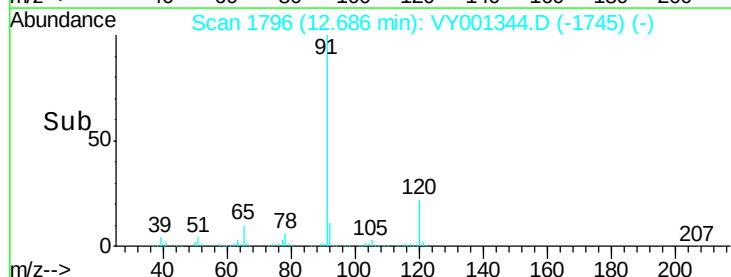
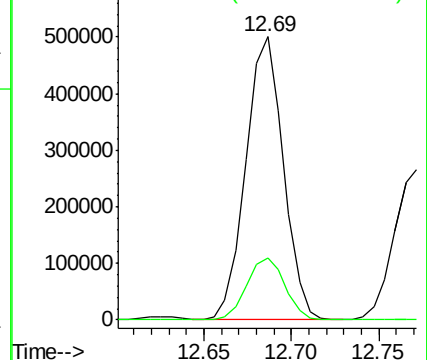
91 100

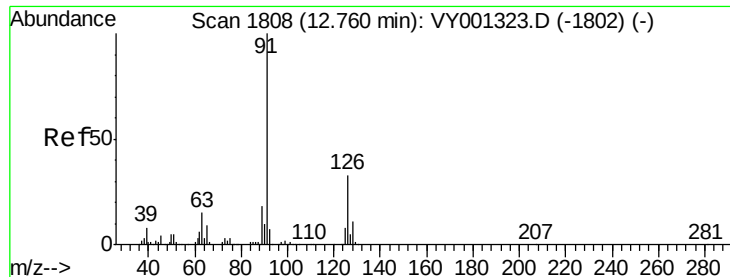
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





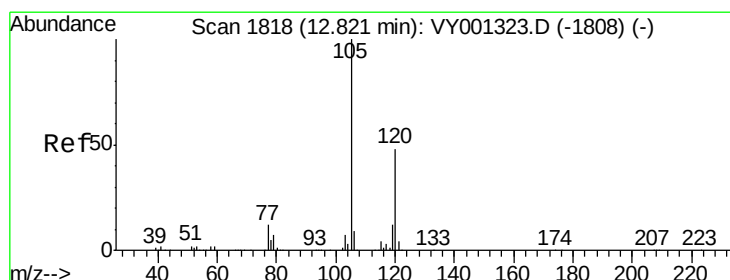
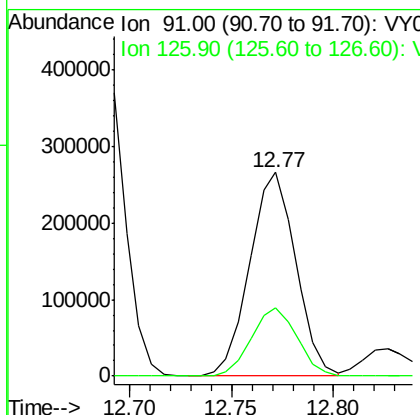
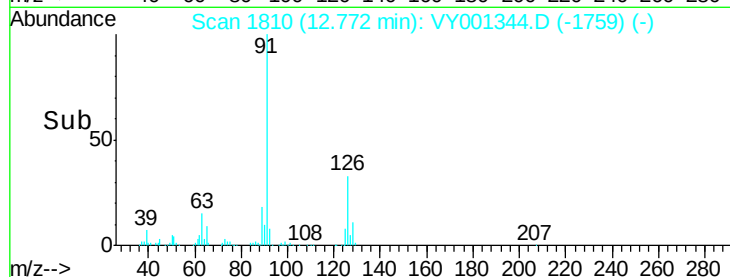
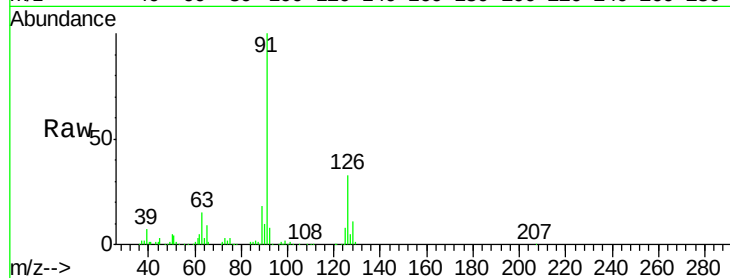
#79
 2-Chlorotoluene
 Concen: 48.674 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY001344.D
 Acq: 23 Jan 2020 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 417926
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.6 49.7

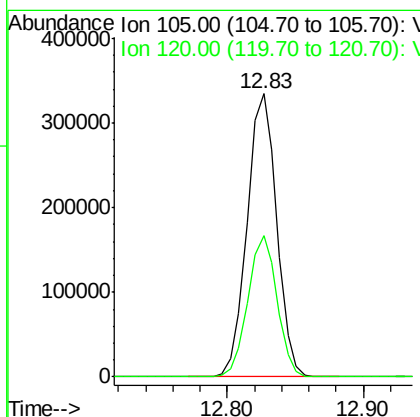
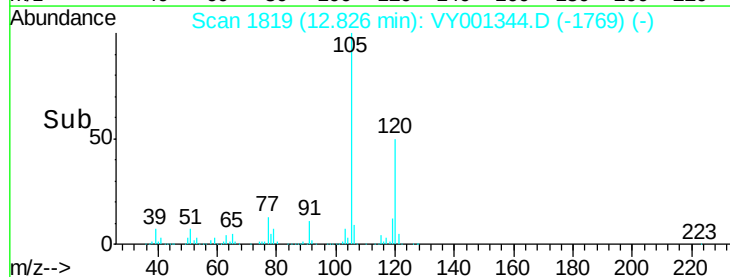
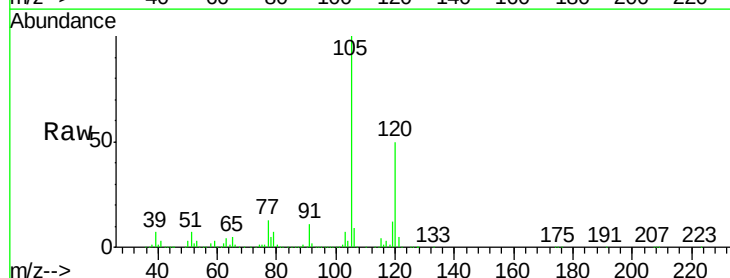
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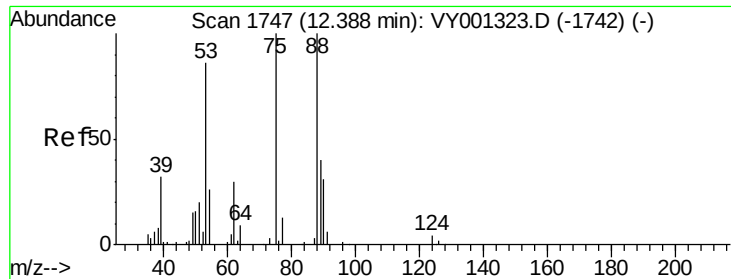
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.869 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001344.D
 Acq: 23 Jan 2020 11:07

Tgt Ion: 105 Resp: 509376
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 48.508 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Instrument :

MSVOA_Y

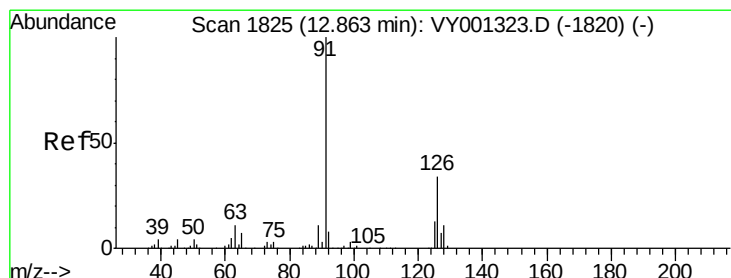
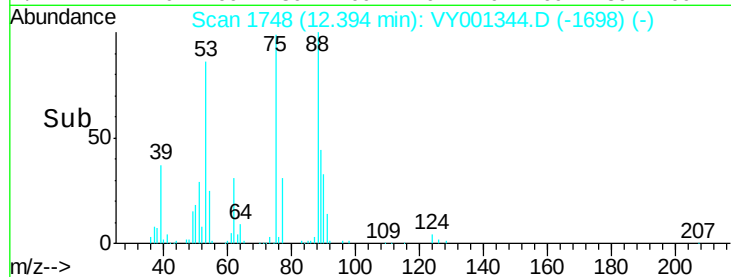
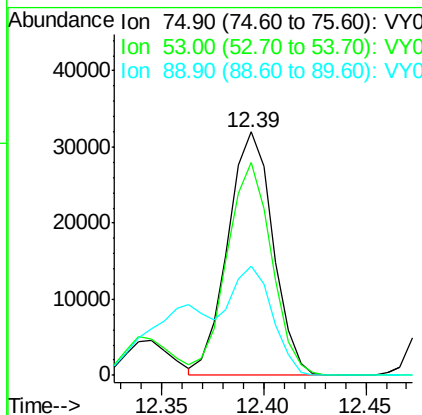
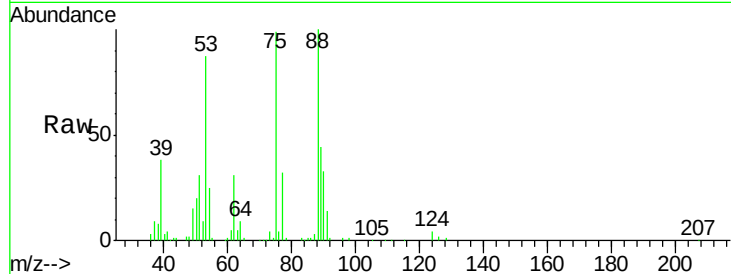
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	48880
Ion	Ratio	Lower	Upper
75	100		
53	86.9	69.9	104.9
89	43.1	36.6	54.8

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#82

4-Chlorotoluene

Concen: 48.339 ug/l

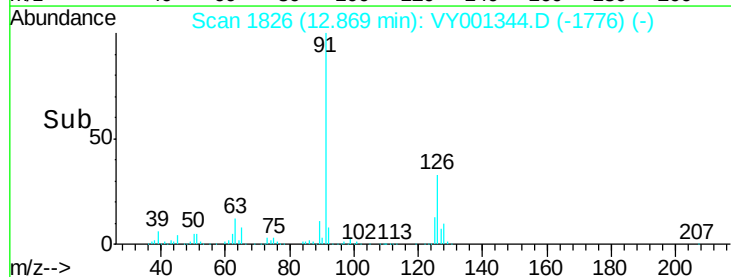
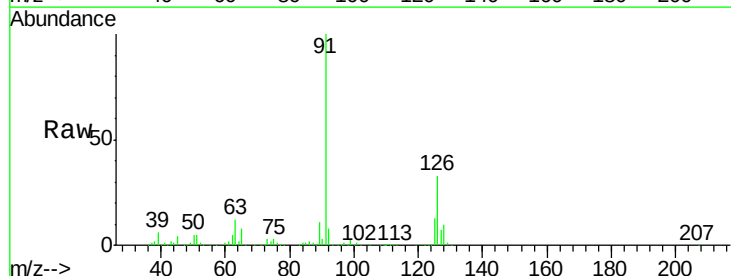
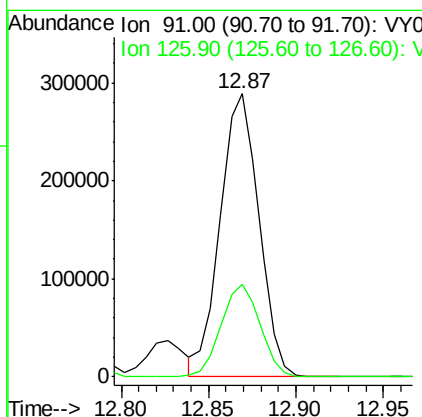
RT: 12.87 min Scan# 1826

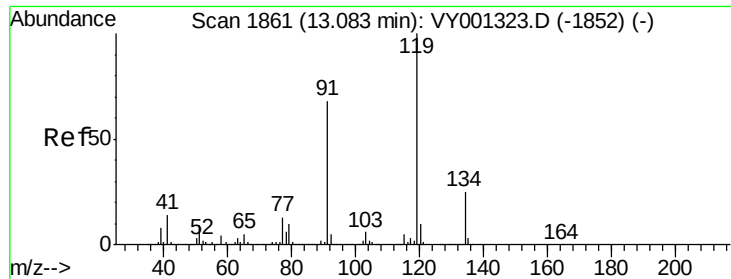
Delta R.T. 0.01 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Tgt Ion:	91	Resp:	443348
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.4





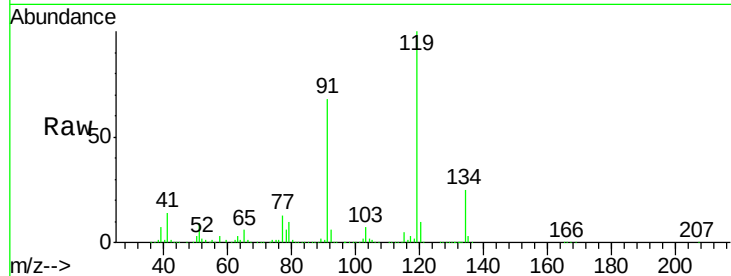
#83
tert-Butylbenzene
Concen: 50.009 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

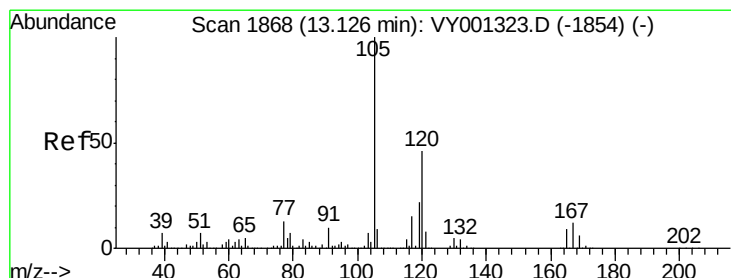
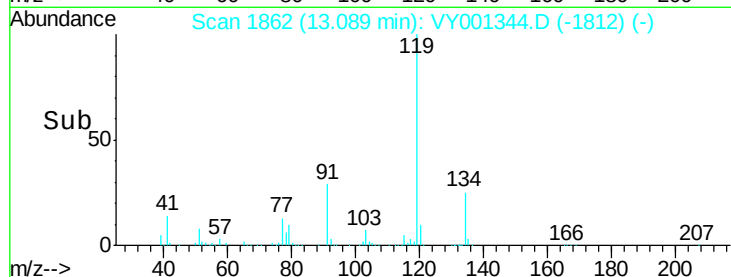
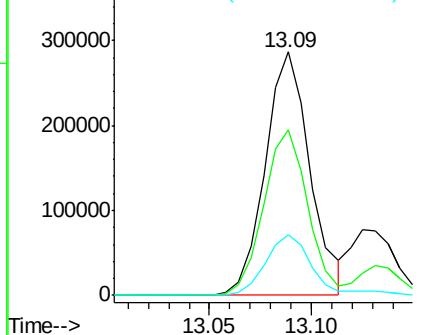
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.5	33.0	99.0
134	26.5	13.3	39.9

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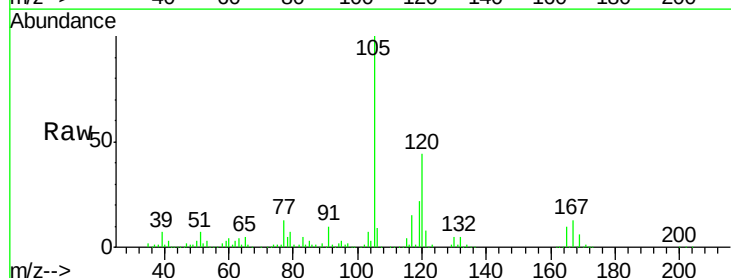


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

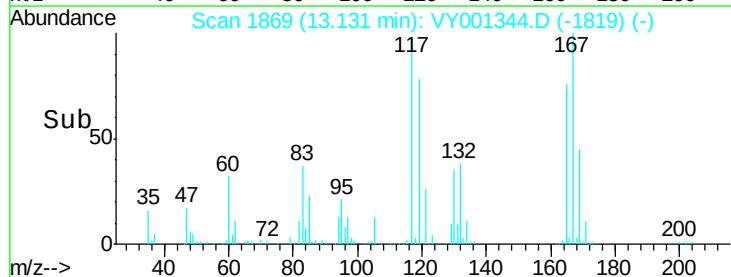
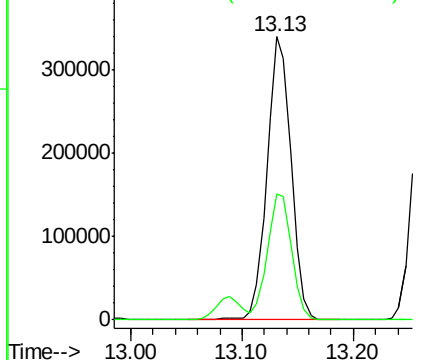


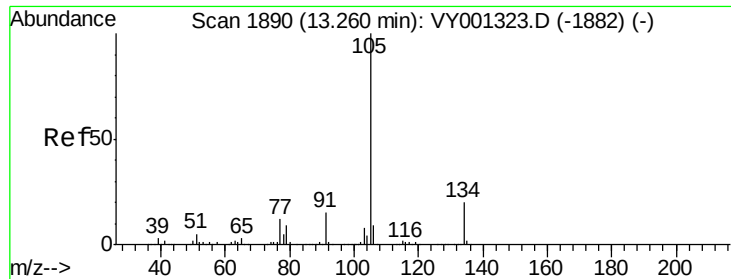
#84
1,2,4-Trimethylbenzene
Concen: 48.952 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.734 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 633317

Ion Ratio Lower Upper

105 100

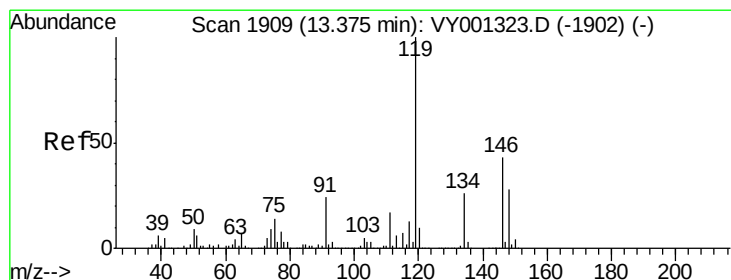
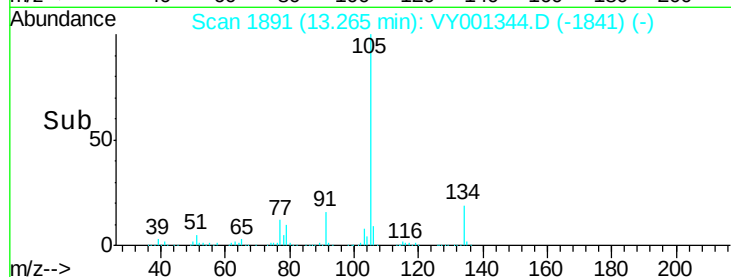
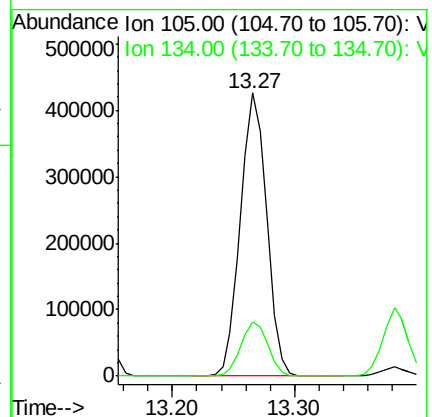
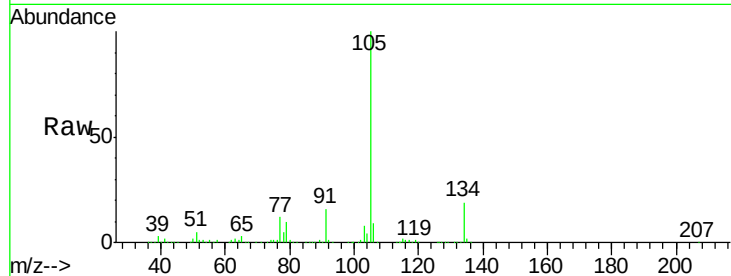
134 19.6 9.8 29.4

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1/24/2020 4:03:20 PM



#86

p-Isopropyltoluene

Concen: 50.043 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

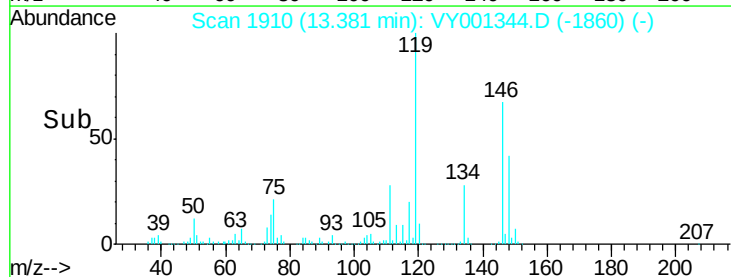
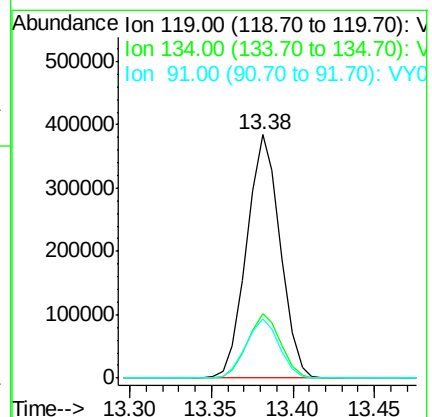
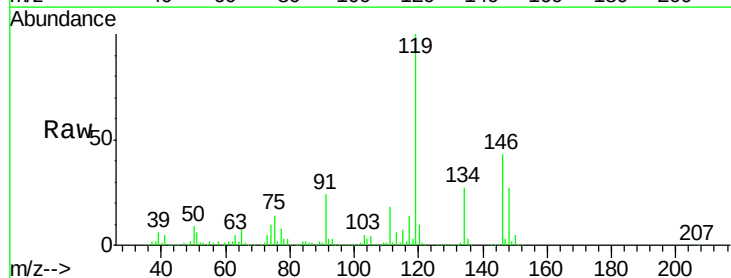
Tgt Ion:119 Resp: 550503

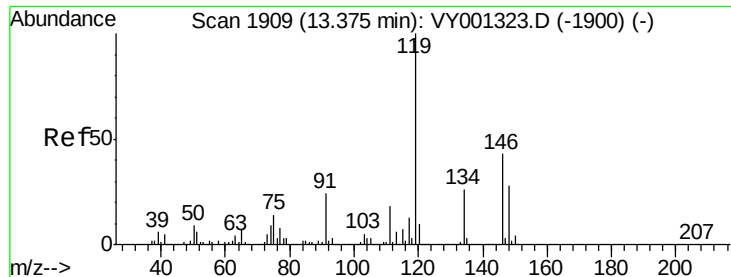
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 24.2 12.2 36.6





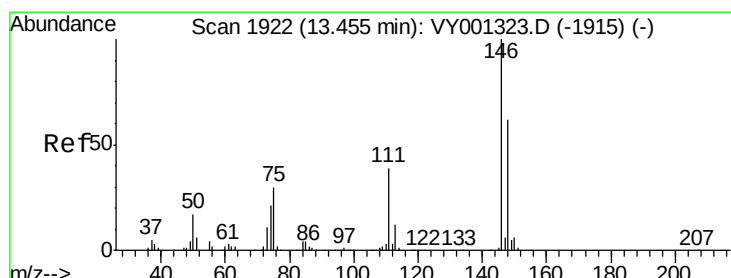
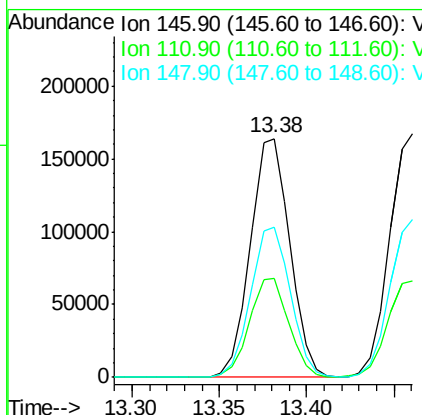
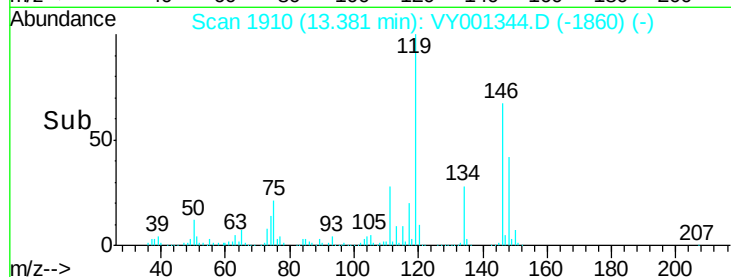
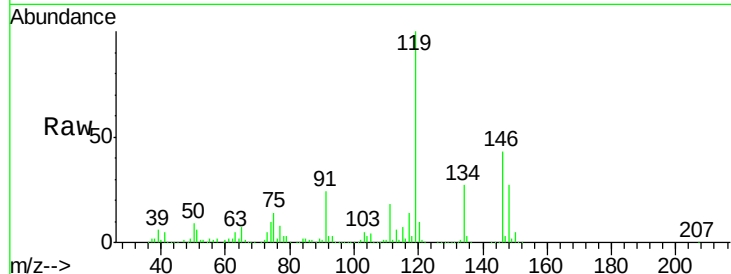
#87
 1,3-Dichlorobenzene
 Concen: 48.332 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001344.D
 Acq: 23 Jan 2020 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	257445		
111	41.5	20.6	61.8	
148	63.3	31.6	95.0	

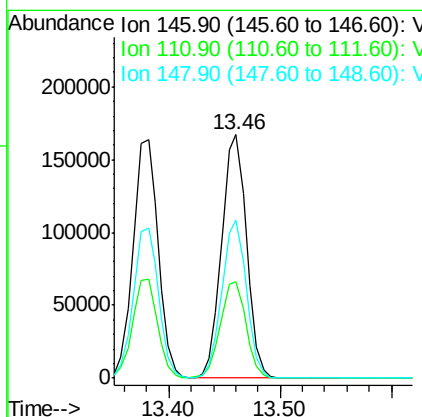
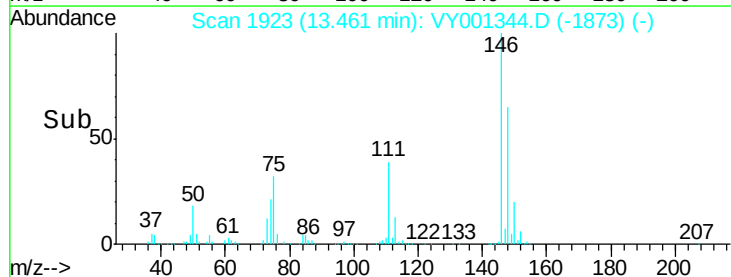
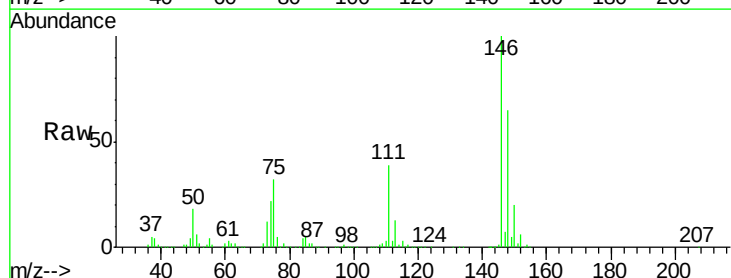
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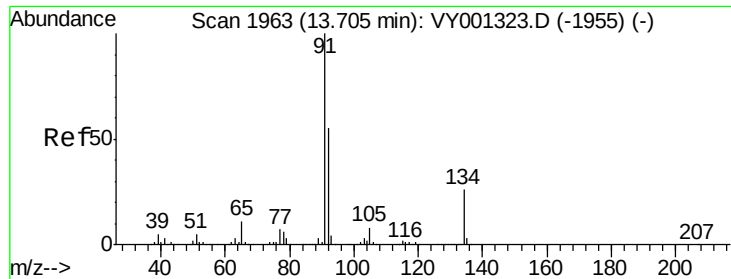
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#88
 1,4-Dichlorobenzene
 Concen: 47.904 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001344.D
 Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	259082		
111	40.8	20.5	61.5	
148	64.0	31.6	95.0	





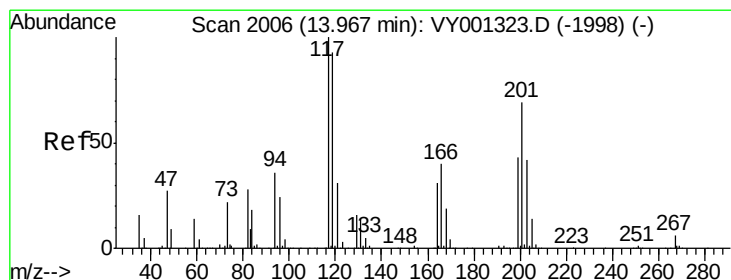
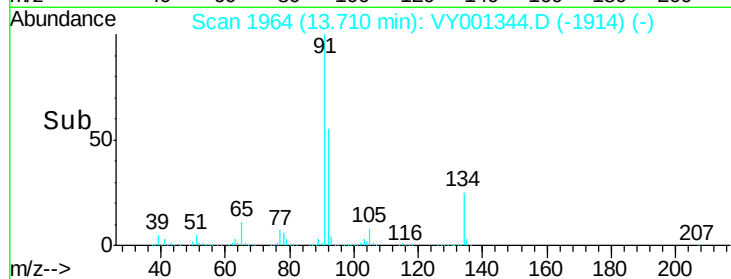
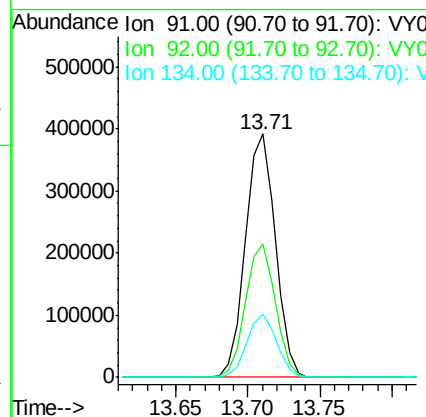
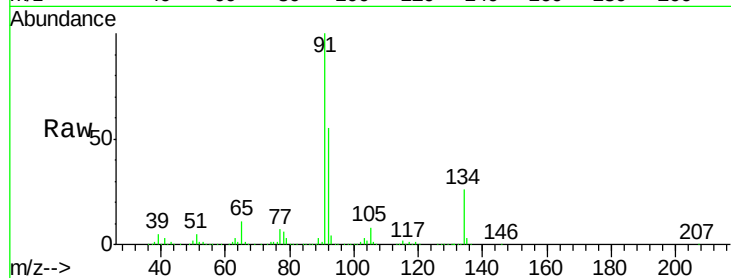
#89
n-Butylbenzene
Concen: 50.899 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.6	82.8
134	25.3	12.9	38.6

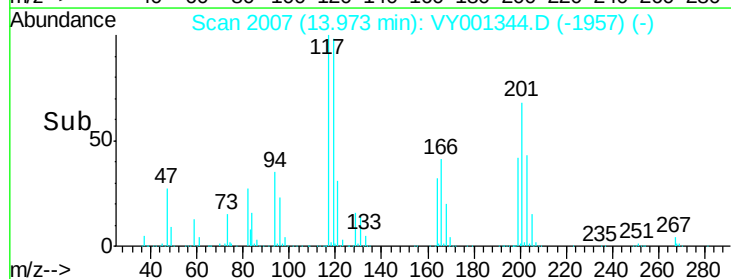
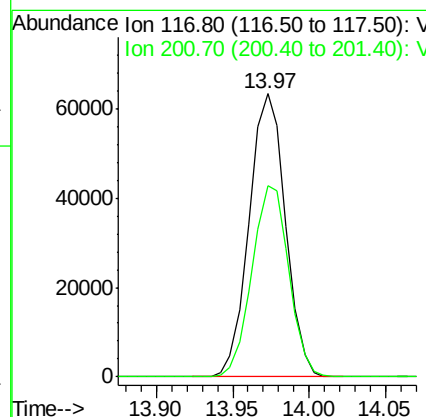
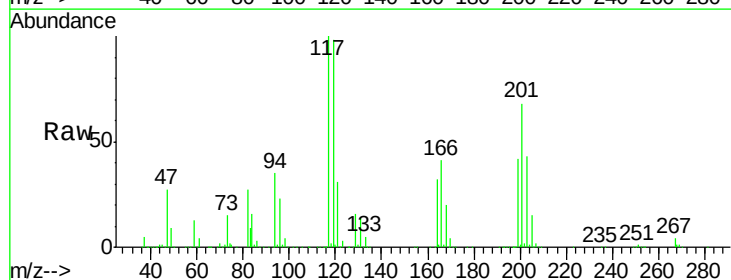
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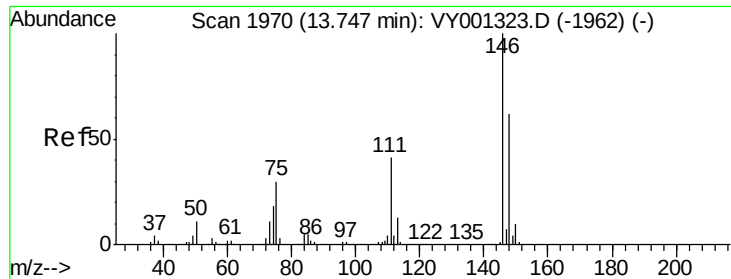
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#90
Hexachloroethane
Concen: 50.196 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.7	34.6	103.8





#91

1,2-Dichlorobenzene

Concen: 48.041 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Instrument :

MSVOA_Y

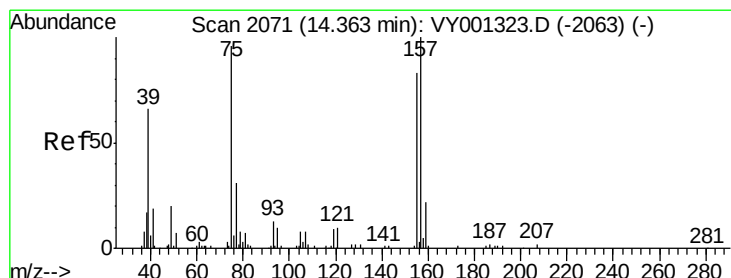
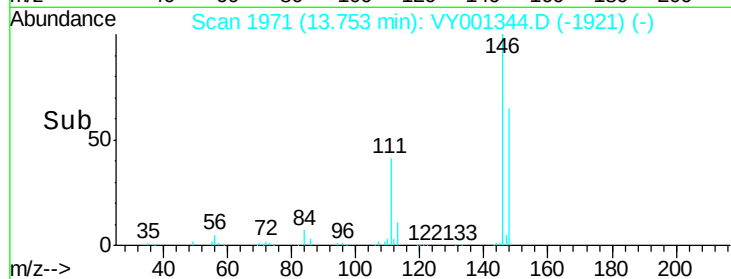
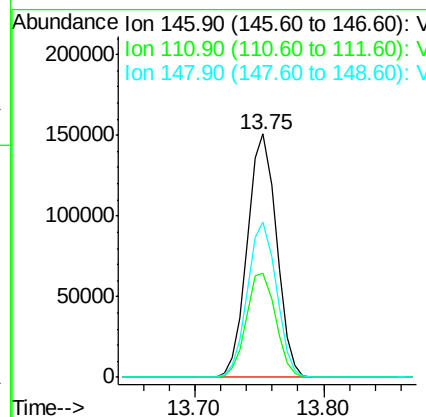
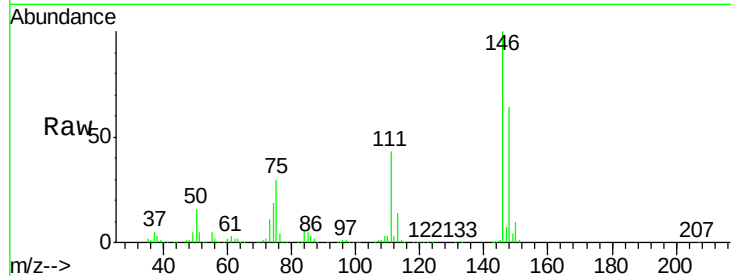
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	235996
Ion Ratio	Lower	Upper	
146	100		
111	43.2	21.1	63.4
148	63.5	31.5	94.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 46.146 ug/l

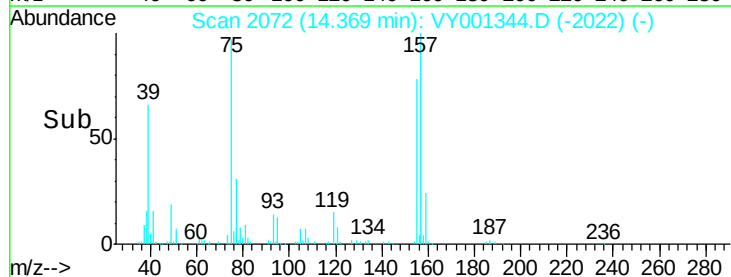
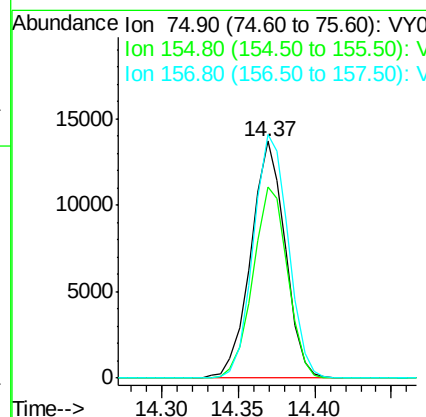
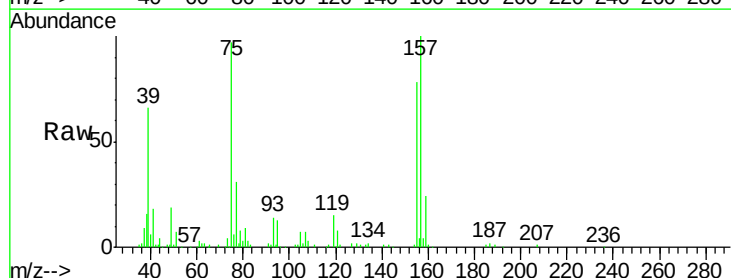
RT: 14.37 min Scan# 2072

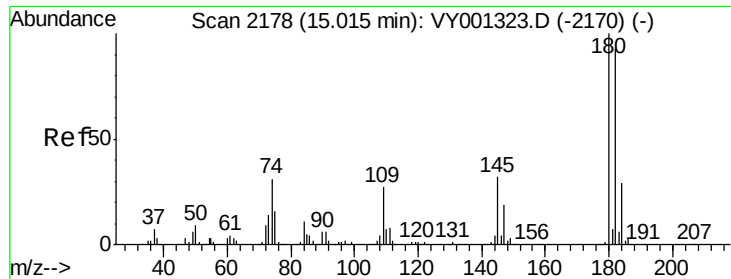
Delta R.T. 0.01 min

Lab File: VY001344.D

Acq: 23 Jan 2020 11:07

Tgt Ion:	75	Resp:	21295
Ion Ratio	Lower	Upper	
75	100		
155	81.4	43.0	129.2
157	104.8	53.3	160.0





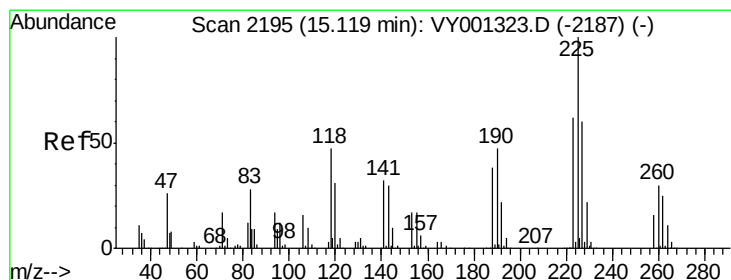
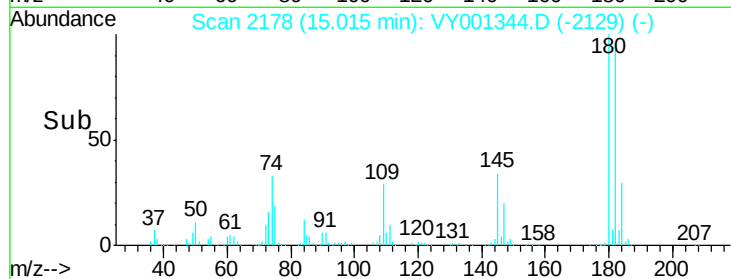
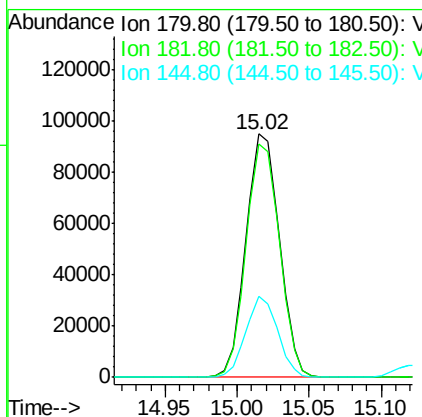
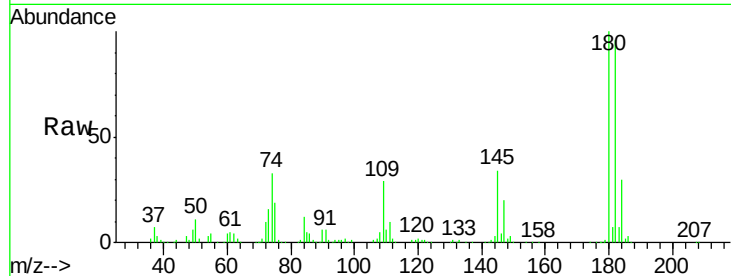
#93
 1,2,4-Trichlorobenzene
 Concen: 46.300 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001344.D
 Acq: 23 Jan 2020 11:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.6	142.8
145	31.8	16.3	48.9

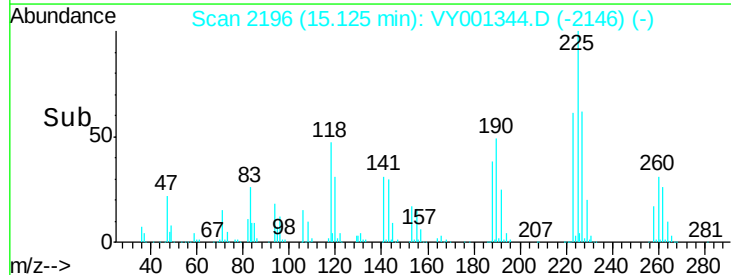
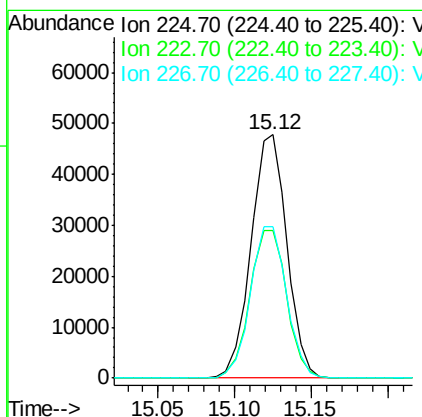
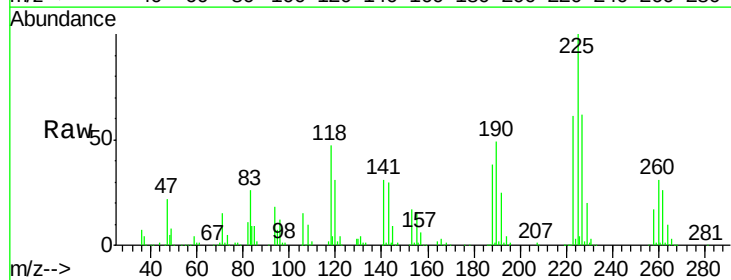
Manual Integrations
 APPROVED

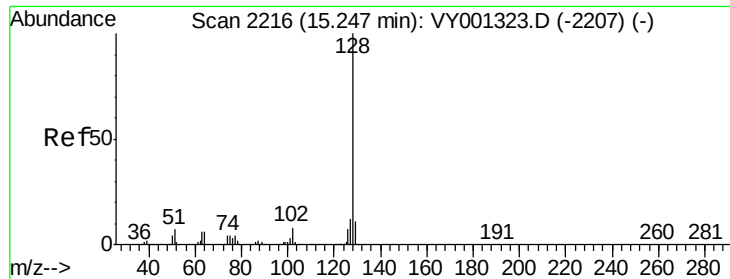
MMDadoda
 1/24/2020 4:03:20 PM



#94
 Hexachlorobutadiene
 Concen: 48.507 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY001344.D
 Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.2	93.6
227	62.7	31.0	93.0





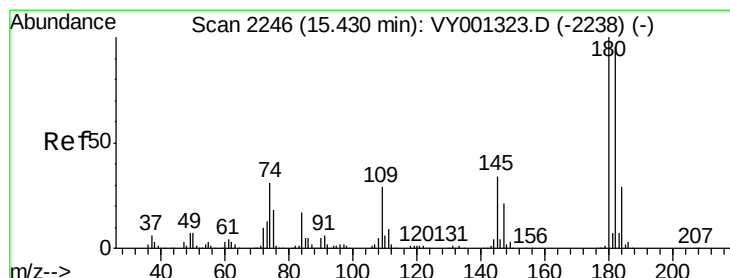
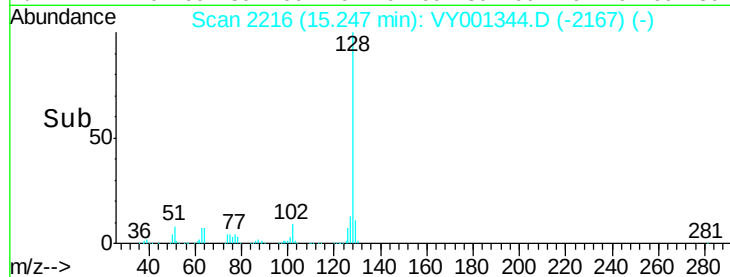
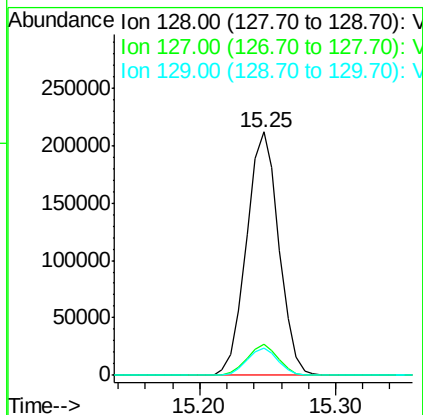
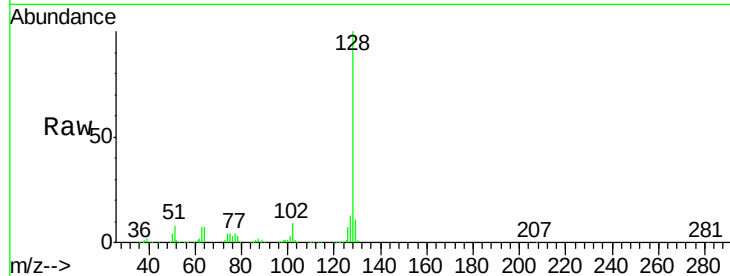
#95
Naphthalene
Concen: 46.738 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.2
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/24/2020 4:03:20 PM



#96
1,2,3-Trichlorobenzene
Concen: 46.295 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001344.D
Acq: 23 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	141.8
145	34.0	16.8	50.3

