

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001328.D
 Acq On : 22 Jan 2020 13:52
 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
 1/23/2020 10:56:20 AM

Quant Time: Jan 23 01:19:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:09:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	221139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	388265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.52	117	339226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.47	152	159591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	117095	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
35) Dibromofluoromethane	7.75	113	108115	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	10.21	98	451822	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.51	95	168757	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	86399	49.543	ug/l	99
3) Chloromethane	2.13	50	121911	46.253	ug/l	99
4) Vinyl Chloride	2.27	62	133619	48.619	ug/l	98
5) Bromomethane	2.67	94	86224	46.585	ug/l	99
6) Chloroethane	2.82	64	84105	47.892	ug/l	96
7) Trichlorofluoromethane	3.15	101	173357	49.301	ug/l	99
8) Diethyl Ether	3.55	74	67169	45.250	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	111699	49.881	ug/l	99
10) Methyl Iodide	4.12	142	142179	48.140	ug/l	100
11) Tert butyl alcohol	4.99	59	67641	221.373	ug/l	99
12) 1,1-Dichloroethene	3.90	96	113393	48.295	ug/l	94
13) Acrolein	3.76	56	53597	303.044	ug/l	100
14) Allyl chloride	4.51	41	198247	47.347	ug/l	100
15) Acrylonitrile	5.21	53	176696	232.549	ug/l	100
16) Acetone	3.98	43	183922	291.403	ug/l	97
17) Carbon Disulfide	4.22	76	352761	47.771	ug/l	100
18) Methyl Acetate	4.51	43	89010	43.864	ug/l	99
19) Methyl tert-butyl Ether	5.26	73	311245	45.274	ug/l	99
20) Methylene Chloride	4.75	84	130678	43.420	ug/l	98
21) trans-1,2-Dichloroethene	5.26	96	126959	46.550	ug/l	98
22) Diisopropyl ether	6.16	45	409425	46.048	ug/l	95
23) Vinyl Acetate	6.10	43	1352106	234.241	ug/l	99
24) 1,1-Dichloroethane	6.06	63	220248	46.996	ug/l	98
25) 2-Butanone	7.02	43	253486	242.025	ug/l	98
26) 2,2-Dichloropropane	7.02	77	197328	47.269	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	141981	46.581	ug/l	99
28) Bromochloromethane	7.37	49	100718	52.112	ug/l	99
29) Tetrahydrofuran	7.38	42	156734	230.019	ug/l	99
30) Chloroform	7.54	83	211838	46.115	ug/l	100
31) Cyclohexane	7.82	56	220615	47.412	ug/l	99
32) 1,1,1-Trichloroethane	7.74	97	189849	48.947	ug/l	99
36) 1,1-Dichloropropene	7.95	75	178669	48.708	ug/l	99
37) Ethyl Acetate	7.11	43	104069	46.436	ug/l	100
38) Carbon Tetrachloride	7.93	117	163784	50.100	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	234680	49.942	ug/l	97
40) Benzene	8.19	78	519117	47.198	ug/l	99
41) Methacrylonitrile	7.35	41	62225m	53.804	ug/l	
42) 1,2-Dichloroethane	8.27	62	142176	46.263	ug/l	100
43) Isopropyl Acetate	8.30	43	205539	47.165	ug/l	99
44) Trichloroethene	8.96	130	133115	47.164	ug/l	99
45) 1,2-Dichloropropane	9.24	63	132185	47.542	ug/l	99
46) Dibromomethane	9.33	93	69230	46.380	ug/l	99
47) Bromodichloromethane	9.52	83	167132	46.839	ug/l	100
48) Methyl methacrylate	9.31	41	92316	46.599	ug/l	99
49) 1,4-Dioxane	9.32	88	20084	954.134	ug/l	97
51) 4-Methyl-2-Pentanone	10.10	43	526863	234.764	ug/l	100
52) Toluene	10.27	92	331291	47.517	ug/l	98
53) t-1,3-Dichloropropene	10.49	75	190270	48.108	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	215172	47.399	ug/l	99
55) 1,1,2-Trichloroethane	10.67	97	103200	46.842	ug/l	98
56) Ethyl methacrylate	10.53	69	157859	47.407	ug/l	100
57) 1,3-Dichloropropane	10.81	76	179732	46.832	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.81	63	254220	220.628	ug/l	100
59) 2-Hexanone	10.86	43	390952	250.231	ug/l	99
60) Dibromochloromethane	11.01	129	115954	47.057	ug/l	99
61) 1,2-Dibromoethane	11.11	107	98589	47.336	ug/l	100
64) Tetrachloroethene	10.74	164	104352	48.158	ug/l	99
65) Chlorobenzene	11.54	112	340851	47.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	118109	48.402	ug/l	99
67) Ethyl Benzene	11.62	91	641710	48.698	ug/l	100
68) m/p-Xylenes	11.73	106	478299	97.184	ug/l	100
69) o-Xylene	12.06	106	226553	47.851	ug/l	97
70) Styrene	12.07	104	401060	48.280	ug/l	100
71) Bromoform	12.24	173	70059	48.096	ug/l #	100
73) Isopropylbenzene	12.36	105	626837	49.776	ug/l	99
74) N-amyl acetate	12.17	43	199921	48.499	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.61	83	129350	47.961	ug/l	98
76) 1,2,3-Trichloropropane	12.66	75	93636m	48.691	ug/l	
77) Bromobenzene	12.64	156	133346	47.807	ug/l	98
78) n-propylbenzene	12.70	91	762964	50.336	ug/l	99
79) 2-Chlorotoluene	12.78	91	424697	49.046	ug/l	100
80) 1,3,5-Trimethylbenzene	12.84	105	522099	49.668	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.41	75	51590	50.767	ug/l	94
82) 4-Chlorotoluene	12.89	91	452776	48.951	ug/l	100
83) tert-Butylbenzene	13.11	119	433477	48.922	ug/l	98
84) 1,2,4-Trimethylbenzene	13.16	105	514051	48.709	ug/l	99
85) sec-Butylbenzene	13.29	105	641134	50.928	ug/l	100
86) p-Isopropyltoluene	13.41	119	556507	50.163	ug/l	99
87) 1,3-Dichlorobenzene	13.41	146	259182	48.249	ug/l	98
88) 1,4-Dichlorobenzene	13.48	146	262429	48.114	ug/l	100
89) n-Butylbenzene	13.75	91	562859	50.412	ug/l	100
90) Hexachloroethane	14.02	117	106831	50.802	ug/l	99
91) 1,2-Dichlorobenzene	13.79	146	239626	48.369	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.44	75	22124	47.539	ug/l	97

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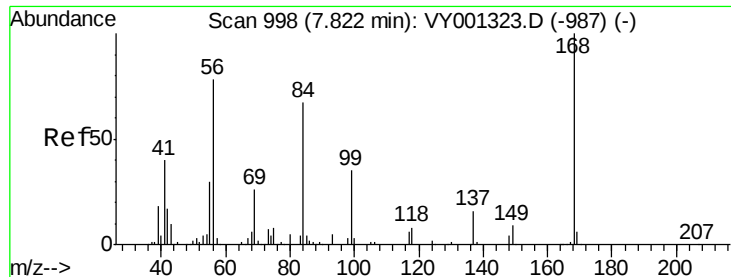
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	158176	47.572	ug/l	98
94) Hexachlorobutadiene	15.28	225	78803	48.674	ug/l	99
95) Naphthalene	15.41	128	362576	47.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.62	180	137041	46.984	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 221139

Ion Ratio Lower Upper

168 100

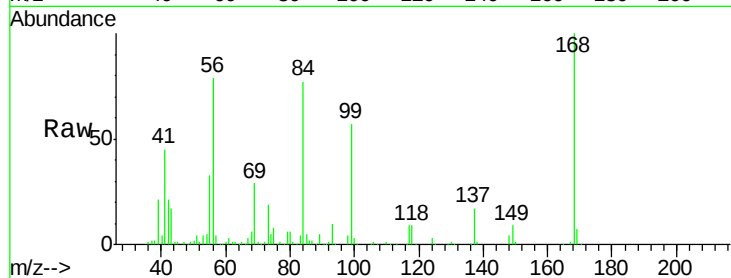
99 57.2 44.3 66.5

Manual Integrations

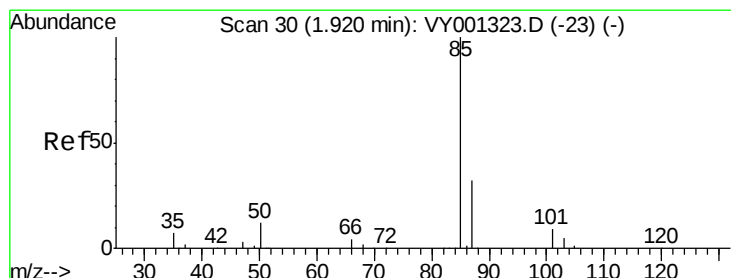
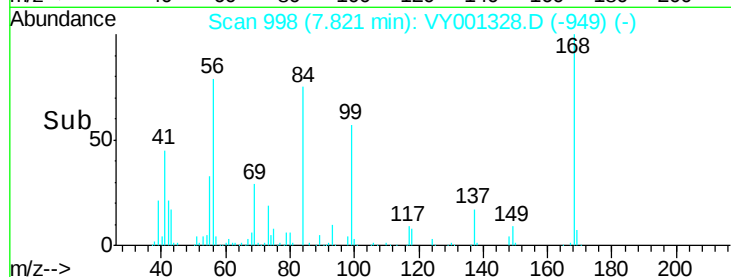
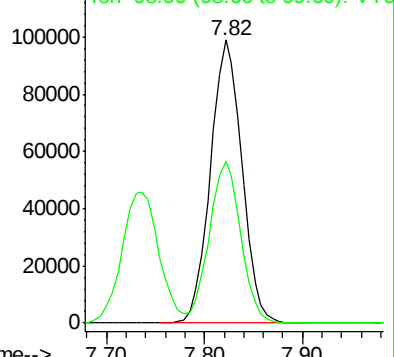
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Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)



#2

Dichlorodifluoromethane

Concen: 49.543 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.00 min

Lab File: VY001328.D

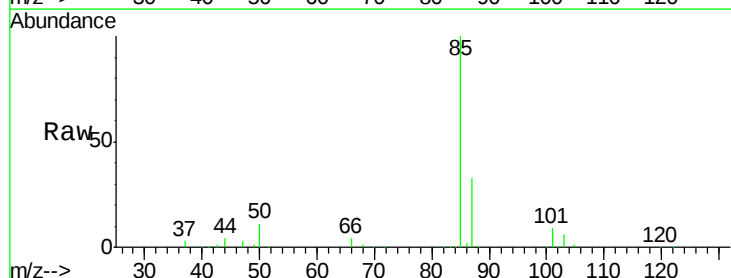
Acq: 22 Jan 2020 13:52

Tgt Ion: 85 Resp: 86399

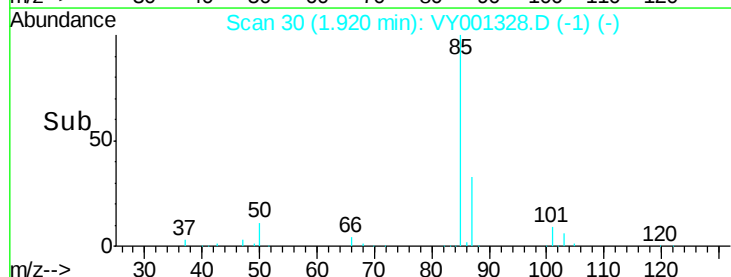
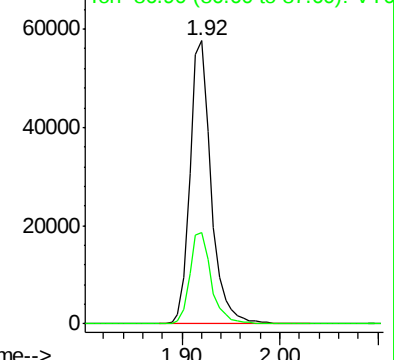
Ion Ratio Lower Upper

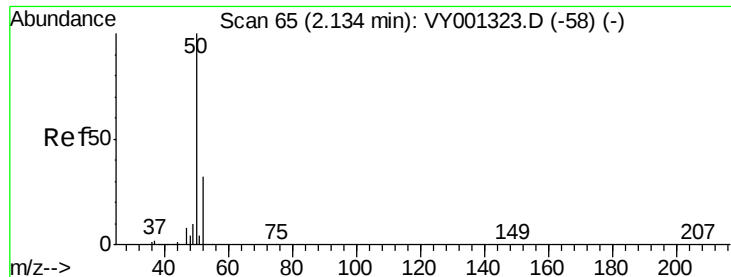
85 100

87 32.5 16.0 48.0



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





#3

Chloromethane

Concen: 46.253 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 121911

Ion Ratio Lower Upper

50 100

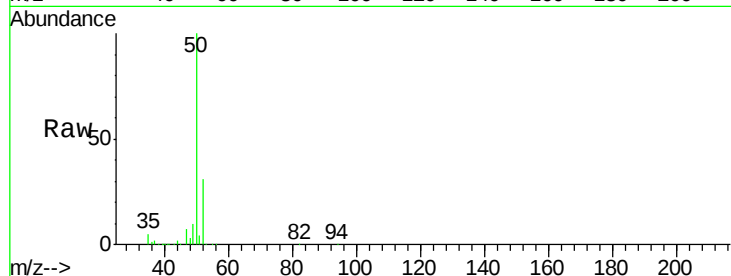
52 31.4 25.7 38.5

Manual Integrations

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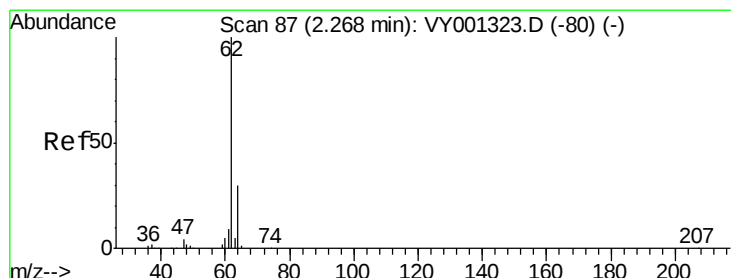
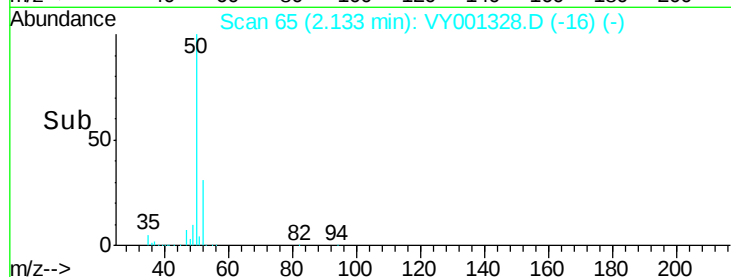
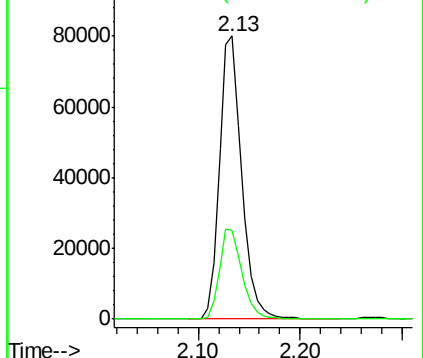
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 48.619 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001328.D

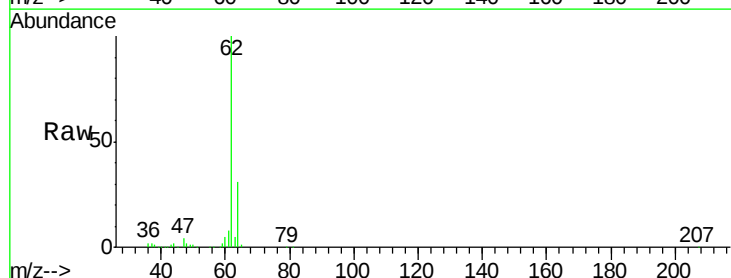
Acq: 22 Jan 2020 13:52

Tgt Ion: 62 Resp: 133619

Ion Ratio Lower Upper

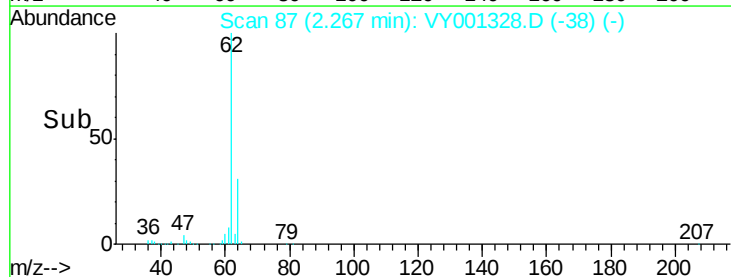
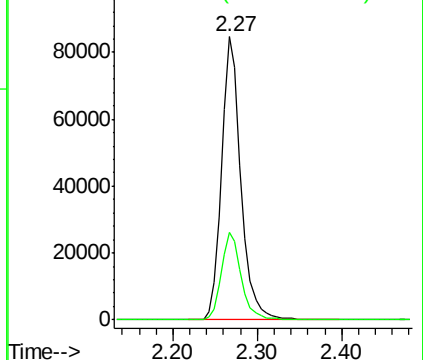
62 100

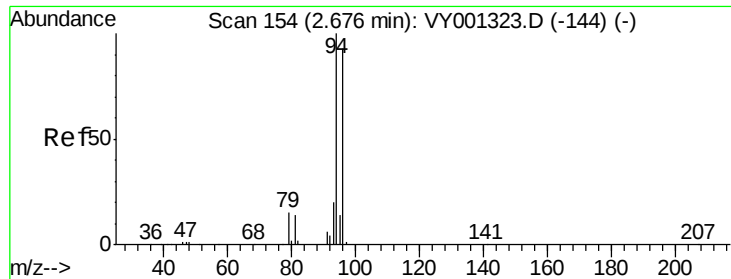
64 31.0 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.585 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 86224

Ion Ratio Lower Upper

94 100

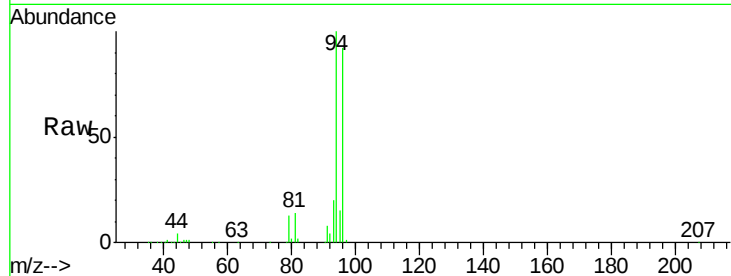
96 91.8 74.6 111.8

Manual Integrations

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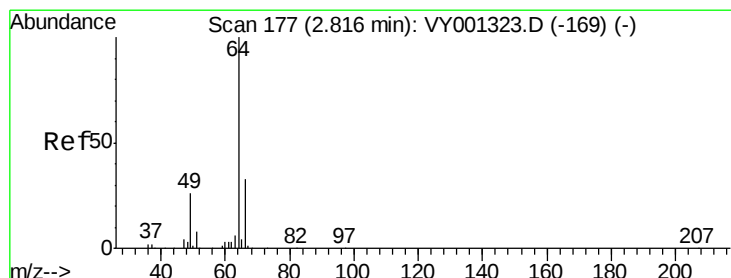
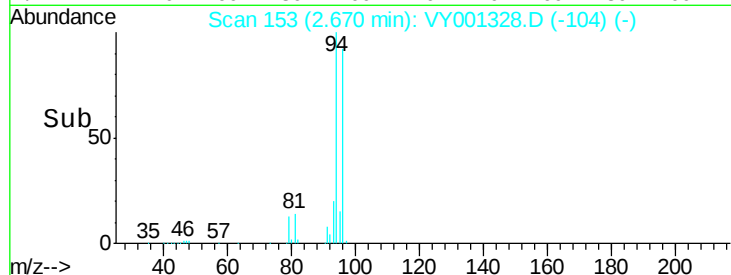
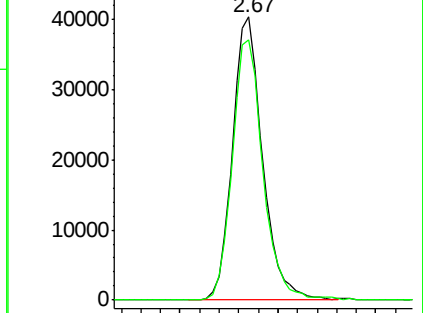
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.892 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.00 min

Lab File: VY001328.D

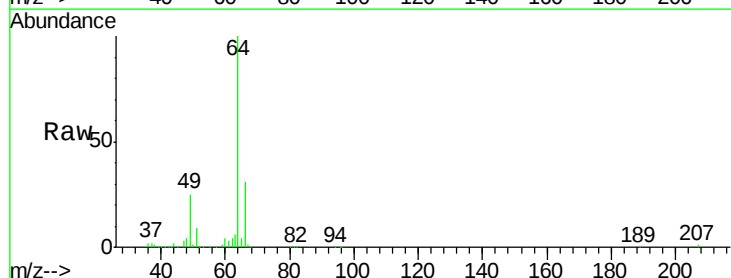
Acq: 22 Jan 2020 13:52

Tgt Ion: 64 Resp: 84105

Ion Ratio Lower Upper

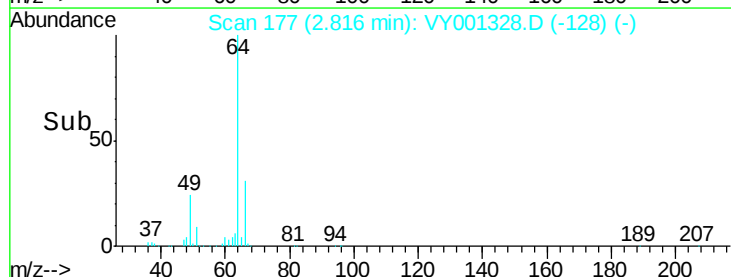
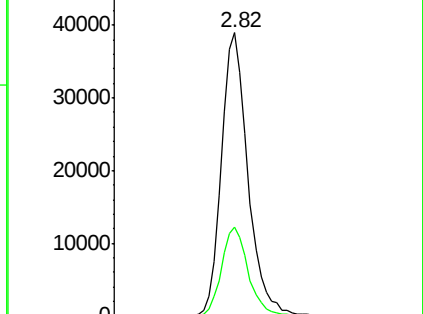
64 100

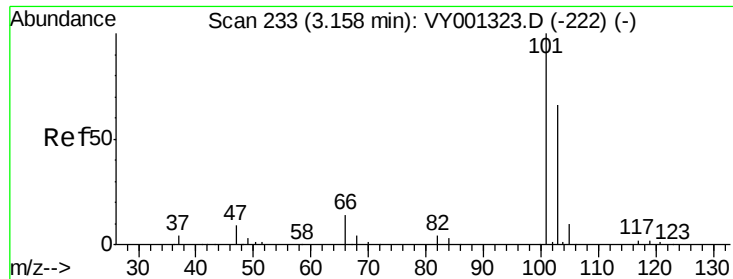
66 31.5 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

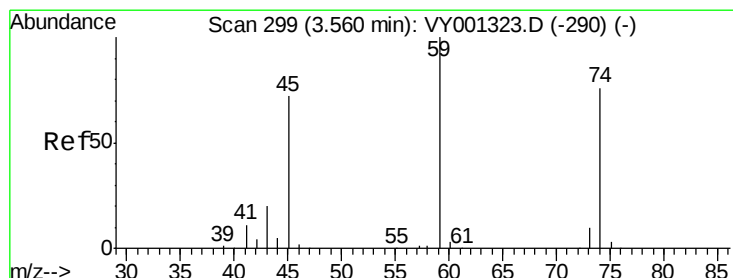
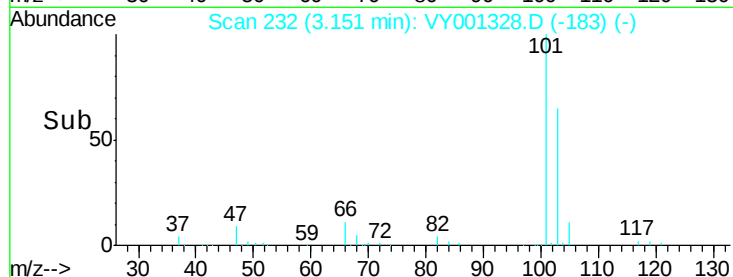
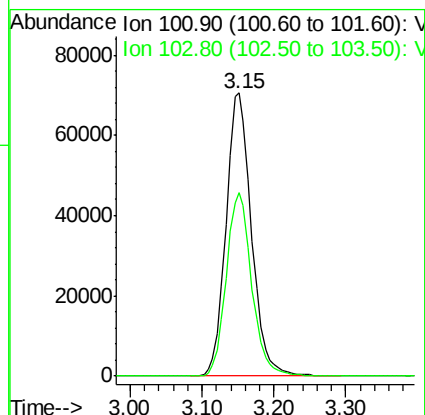
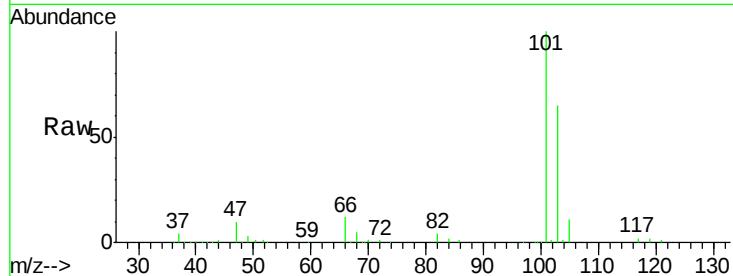
Trichlorofluoromethane
Concen: 49.301 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
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VSTDCCC050

Tot Ion:101 Resp: 173357
Ion Ratio Lower Upper
101 100
103 64.7 52.5 78.7

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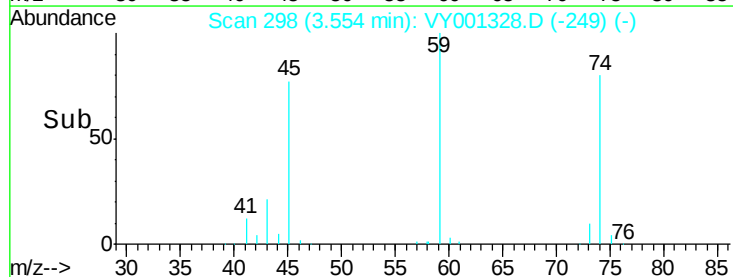
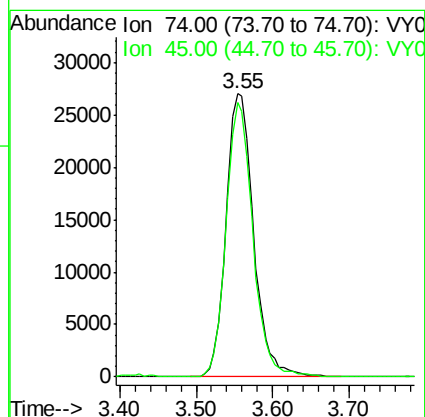
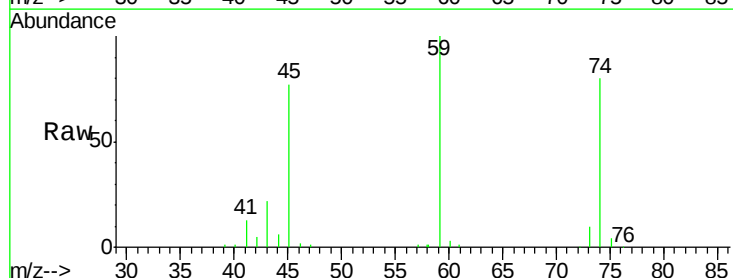
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#8

Diethyl Ether
Concen: 45.250 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion: 74 Resp: 67169
Ion Ratio Lower Upper
74 100
45 94.3 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.881 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Instrument :

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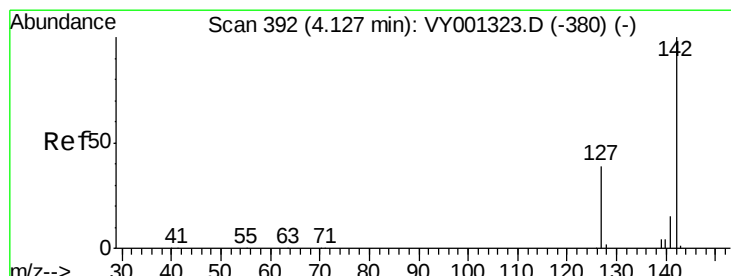
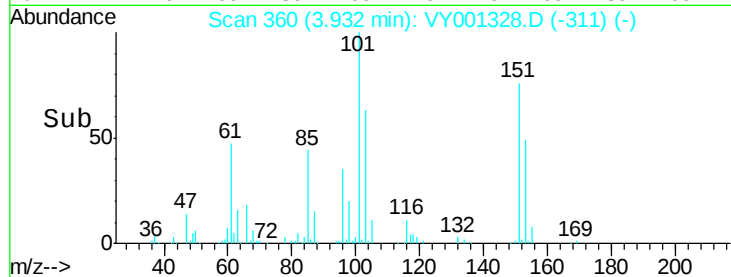
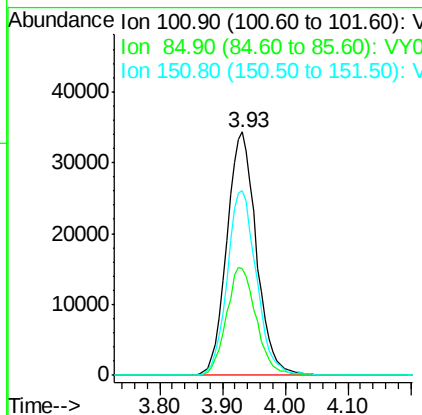
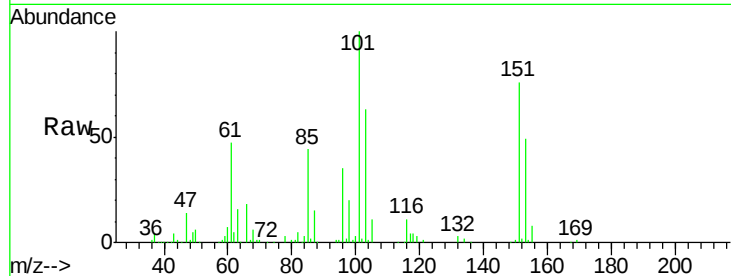
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	111699
Ion Ratio	Lower	Upper	
101	100		
85	44.5	34.9	52.3
151	75.2	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 48.140 ug/l

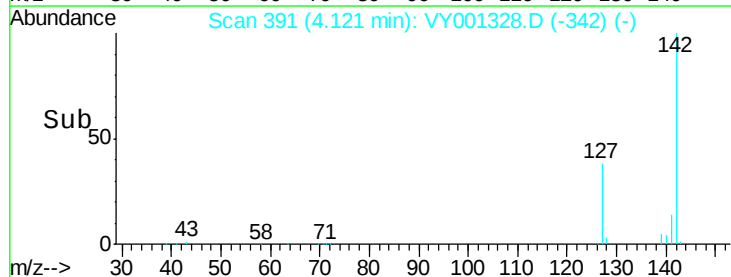
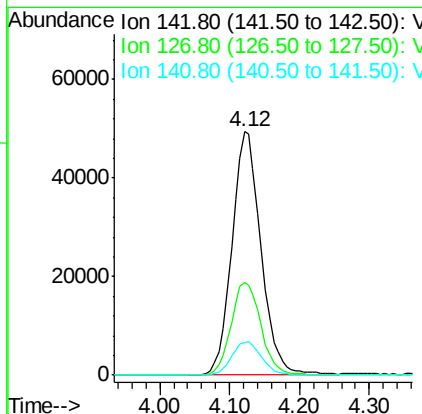
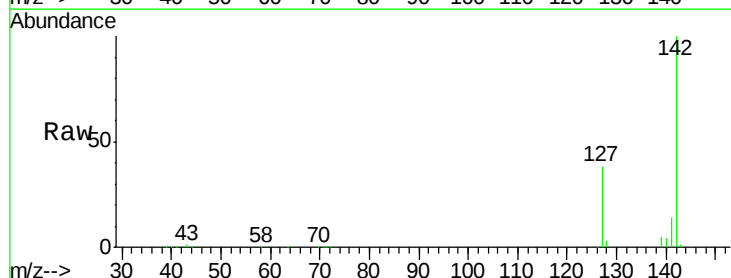
RT: 4.12 min Scan# 391

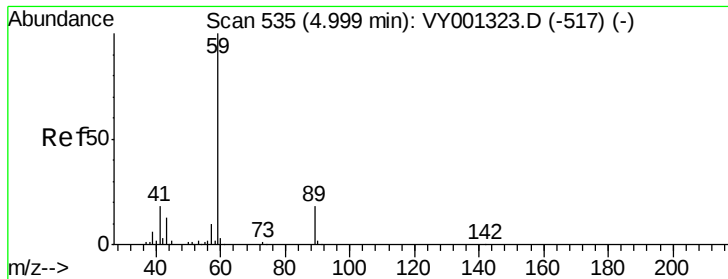
Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Tgt Ion:	142	Resp:	142179
Ion Ratio	Lower	Upper	
142	100		
127	39.3	31.6	47.4
141	14.3	11.2	16.8





#11

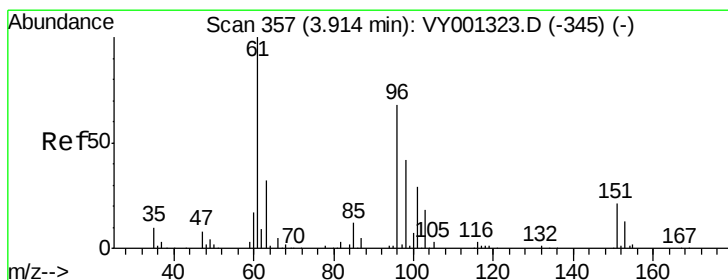
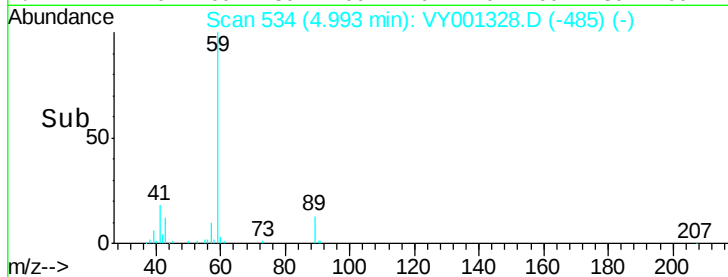
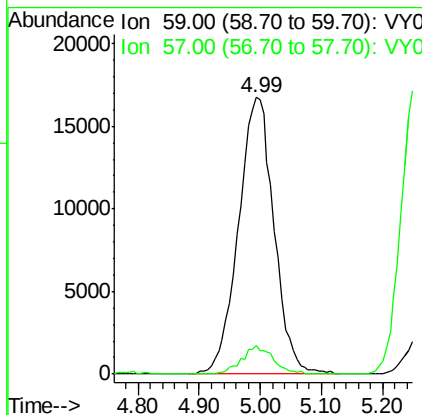
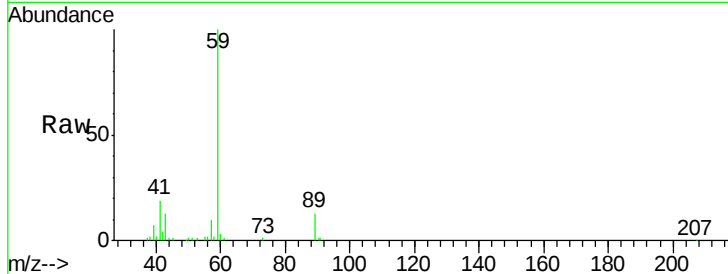
Tert butyl alcohol
 Concen: 221.373 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.0	7.4	11.2

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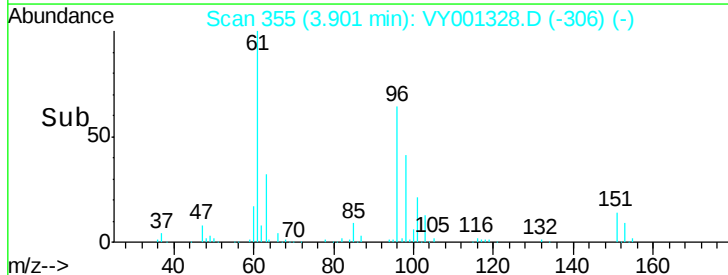
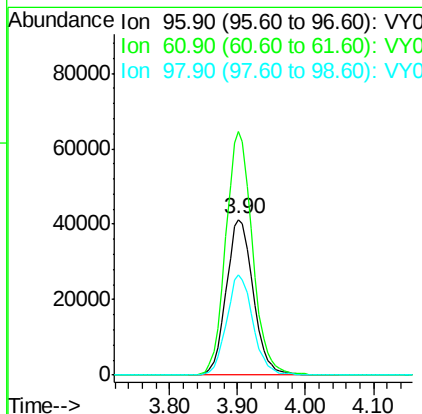
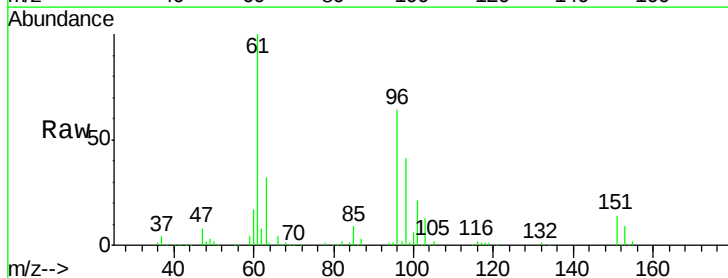
MMDadoda
 1/23/2020 10:56:20 AM

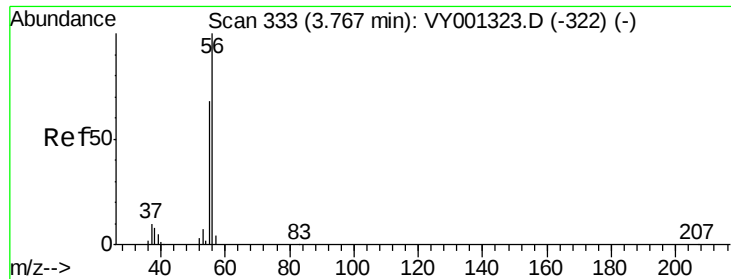


#12

1,1-Dichloroethene
 Concen: 48.295 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.7	118.0	177.0
98	64.3	49.4	74.2





#13

Acrolein

Concen: 303.044 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 53597

Ion Ratio Lower Upper

56 100

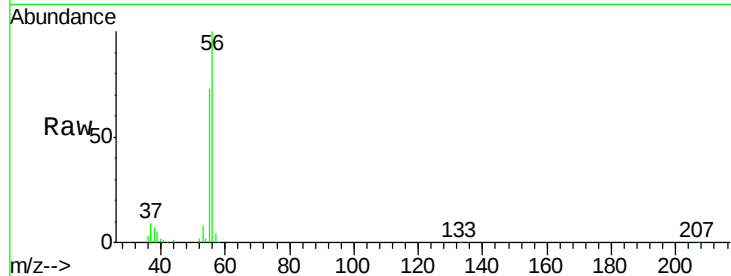
55 69.8 55.9 83.9

Manual Integrations

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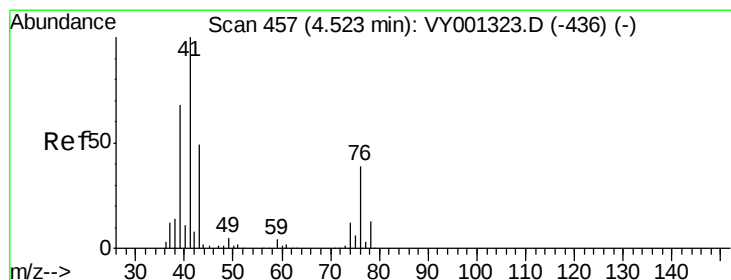
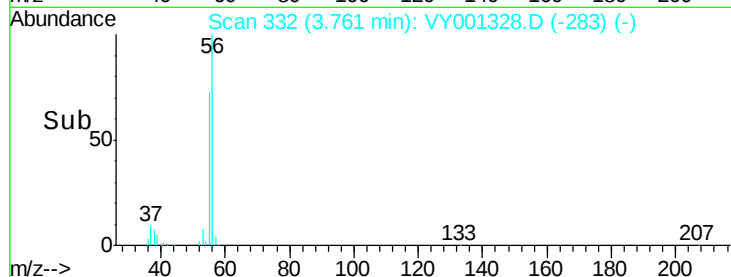
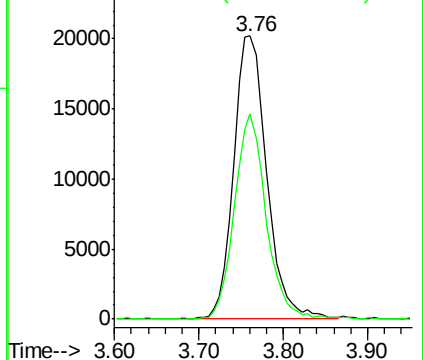
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 47.347 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

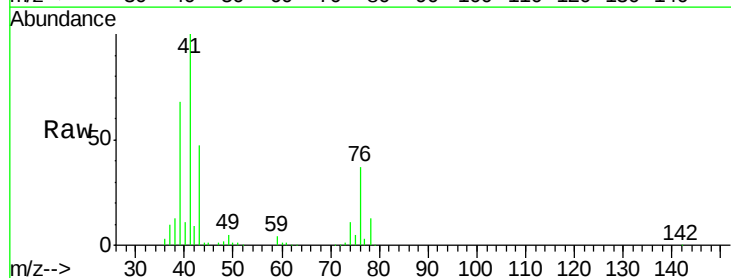
Tgt Ion: 41 Resp: 198247

Ion Ratio Lower Upper

41 100

39 65.3 52.2 78.4

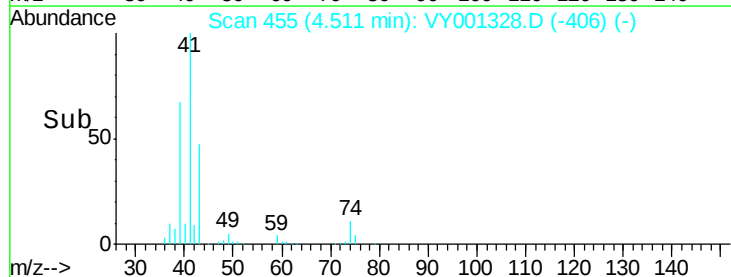
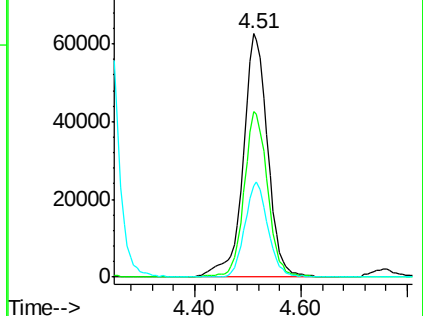
76 36.5 29.1 43.7

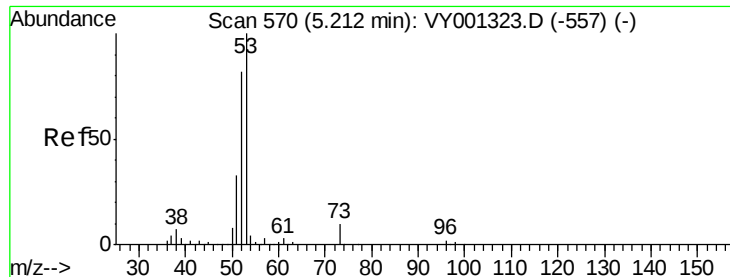


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 232.549 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Instrument :

MSVOA_Y

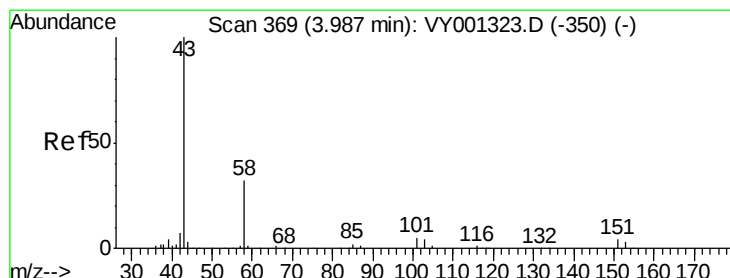
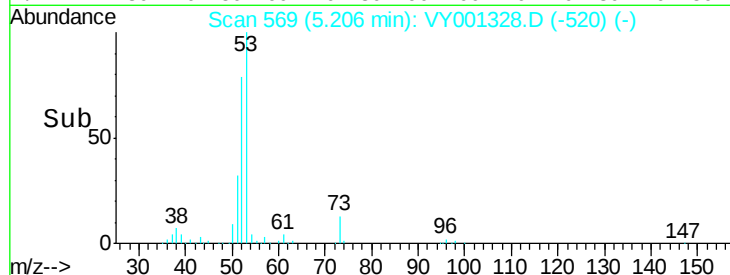
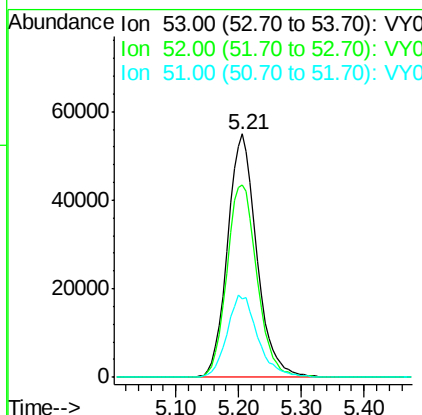
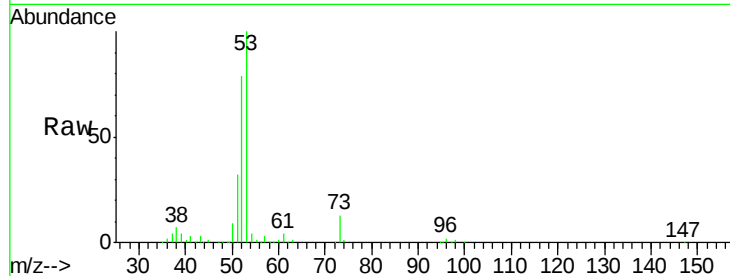
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	176696
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.3	97.9
51	35.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 291.403 ug/l

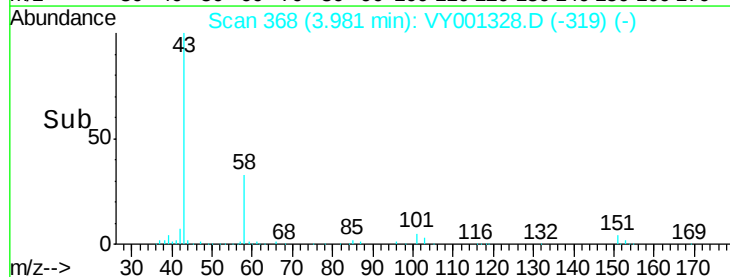
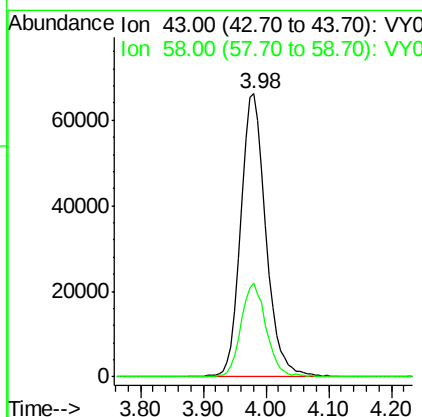
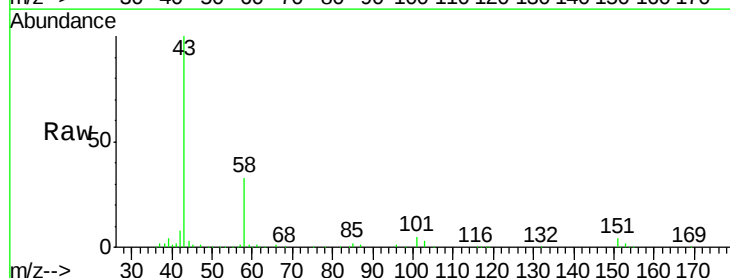
RT: 3.98 min Scan# 368

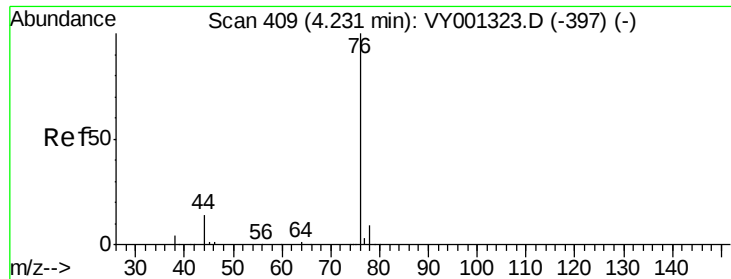
Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Tgt Ion:	43	Resp:	183922
Ion Ratio	Lower	Upper	
43	100		
58	33.4	25.4	38.0





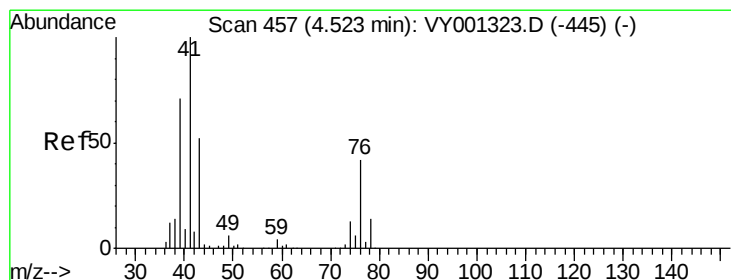
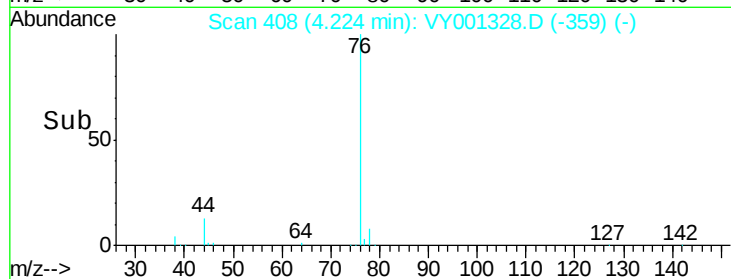
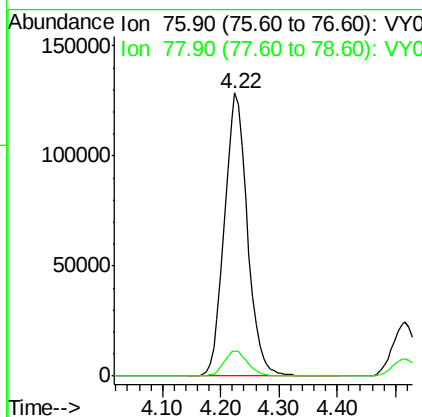
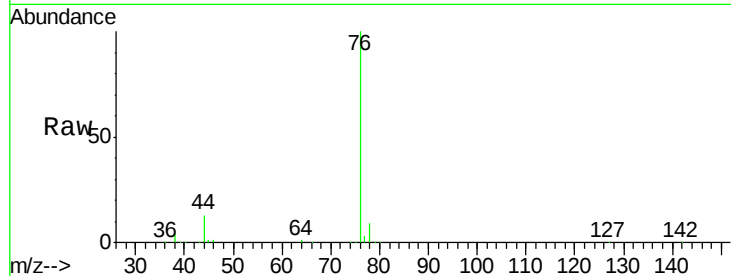
#17
Carbon Disulfide
Concen: 47.771 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 352761
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

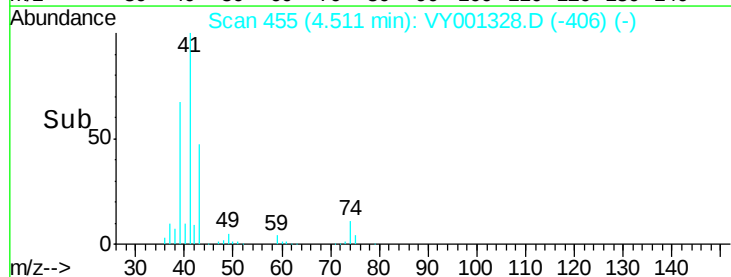
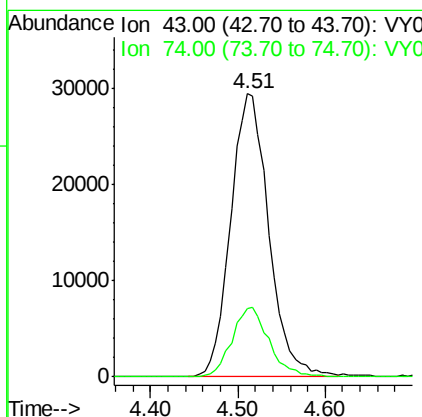
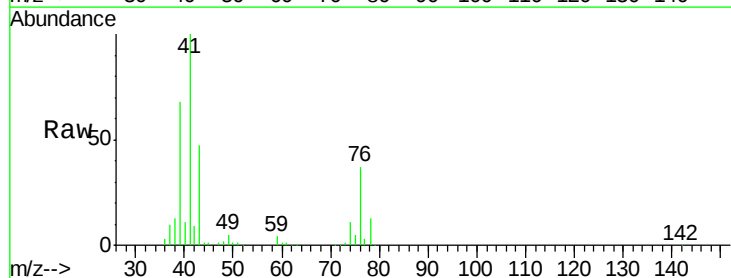
Manual Integrations
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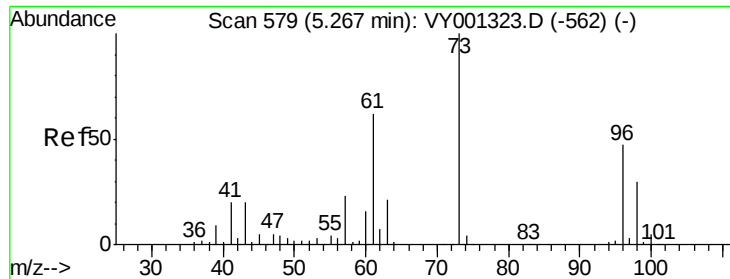
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#18
Methyl Acetate
Concen: 43.864 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion: 43 Resp: 89010
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2





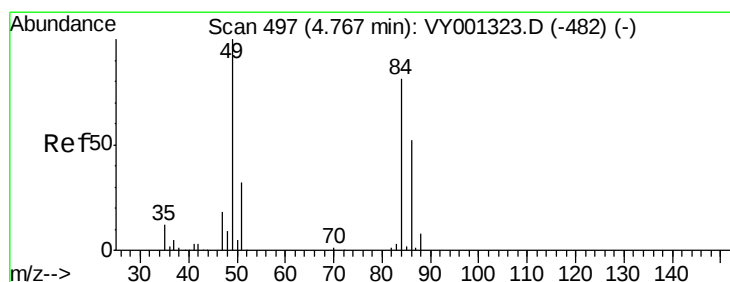
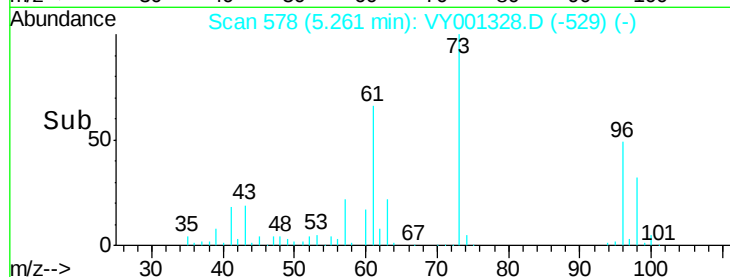
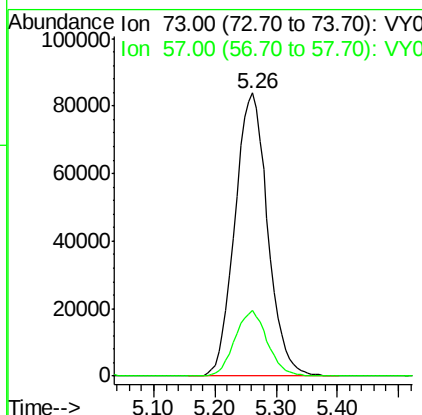
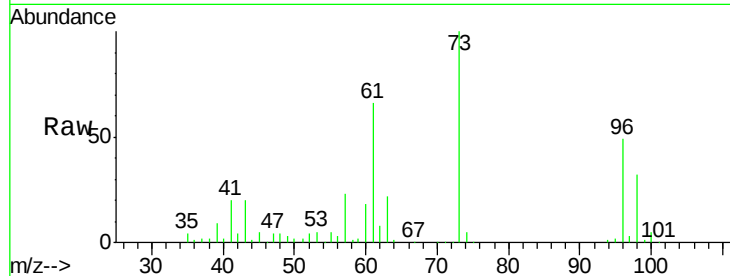
#19
Methyl tert-butyl Ether
Concen: 45.274 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 311245
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.2

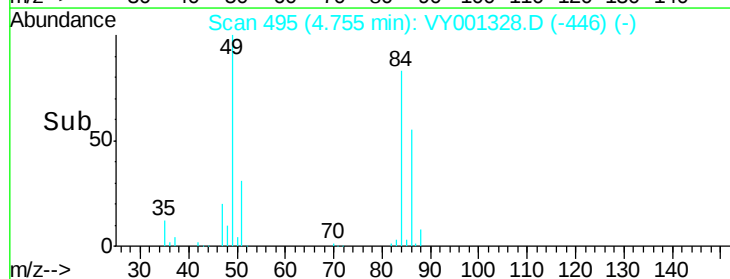
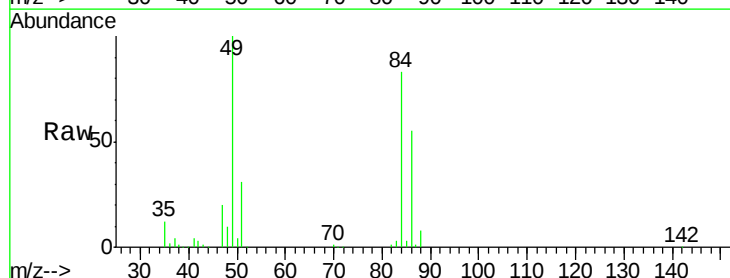
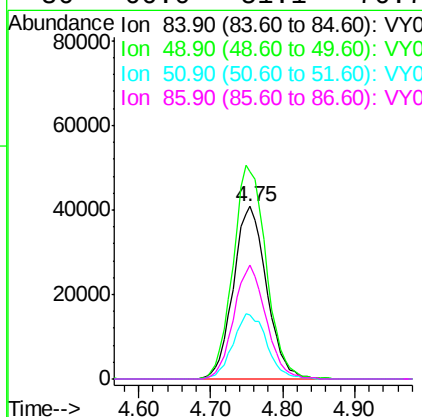
Manual Integrations
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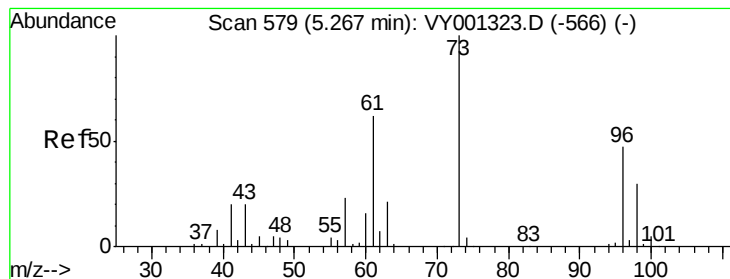
MMDadoda
1/23/2020 10:56:20 AM



#20
Methylene Chloride
Concen: 43.420 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion: 84 Resp: 130678
Ion Ratio Lower Upper
84 100
49 120.7 98.3 147.5
51 37.3 31.6 47.4
86 66.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.550 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 126959

Ion Ratio Lower Upper

96 100

61 134.7 106.8 160.2

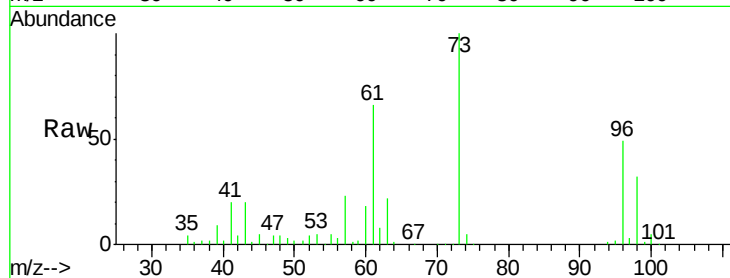
98 65.9 51.0 76.6

Manual Integrations

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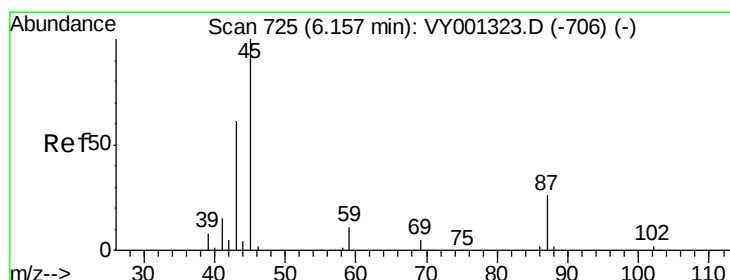
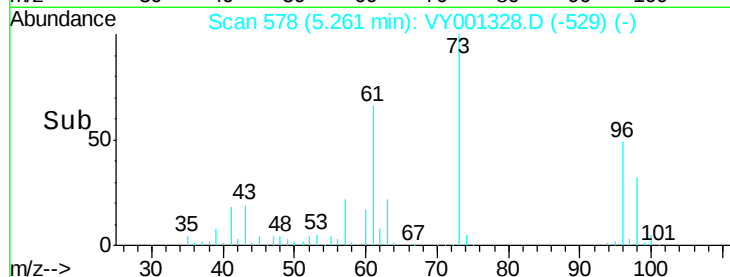
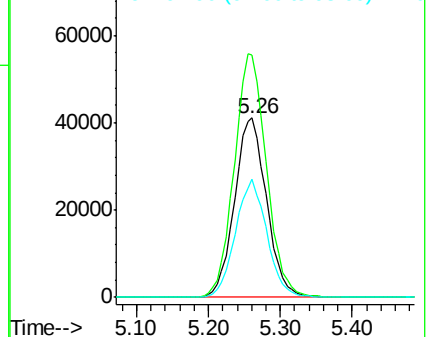
1/23/2020 10:56:20 AM



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: 46.048 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Tgt Ion: 45 Resp: 409425

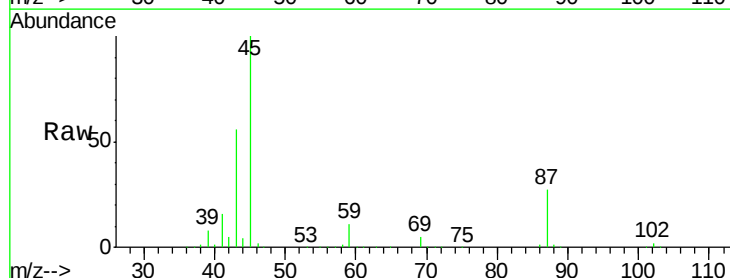
Ion Ratio Lower Upper

45 100

43 55.7 49.2 73.8

87 27.0 21.4 32.2

59 11.5 9.3 13.9

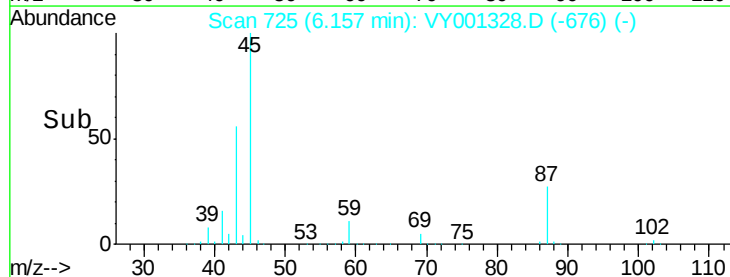
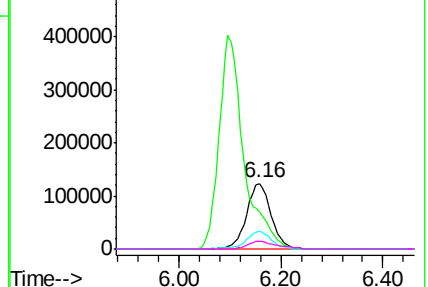


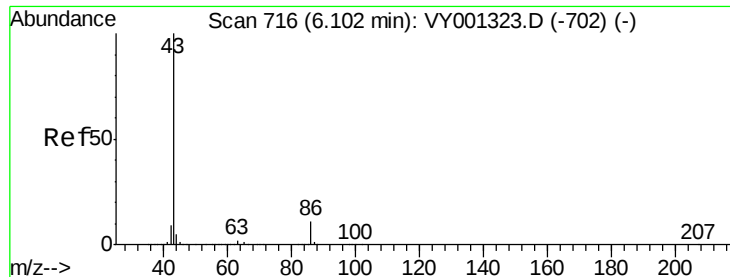
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 234.241 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1352106

Ion Ratio Lower Upper

43 100

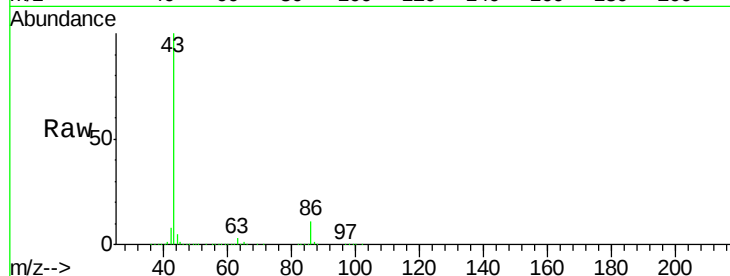
86 10.5 8.6 13.0

Manual Integrations

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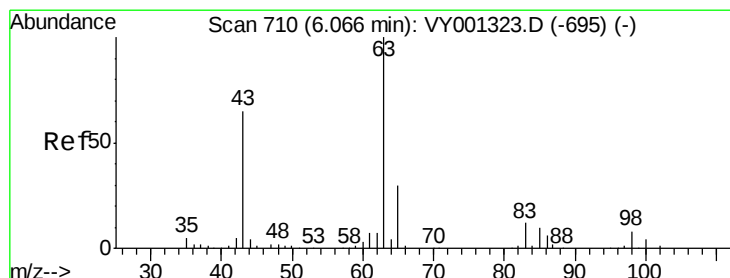
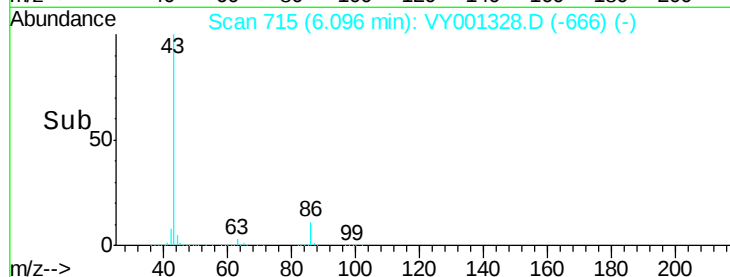
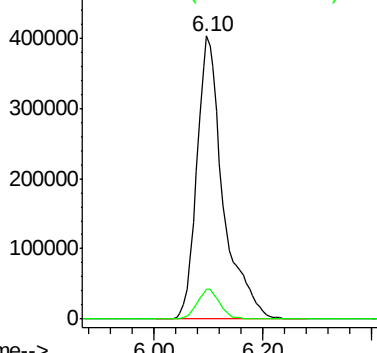
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 46.996 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

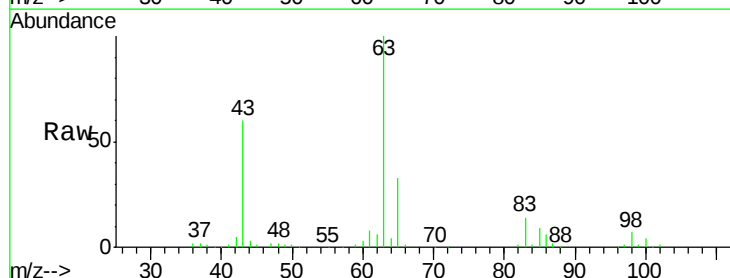
Tgt Ion: 63 Resp: 220248

Ion Ratio Lower Upper

63 100

98 7.3 4.0 12.0

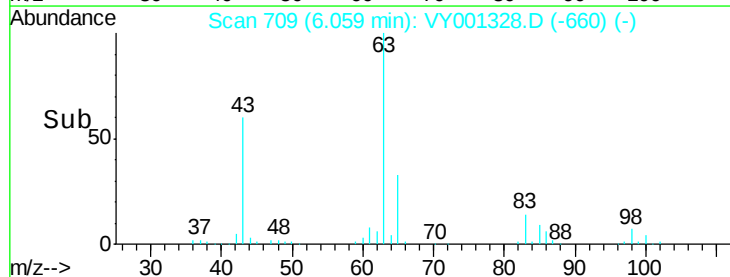
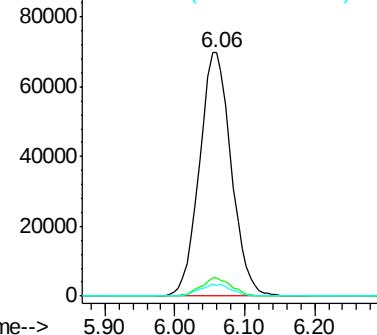
100 4.5 2.1 6.3

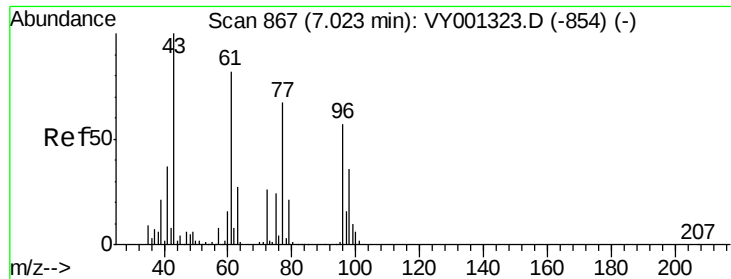


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





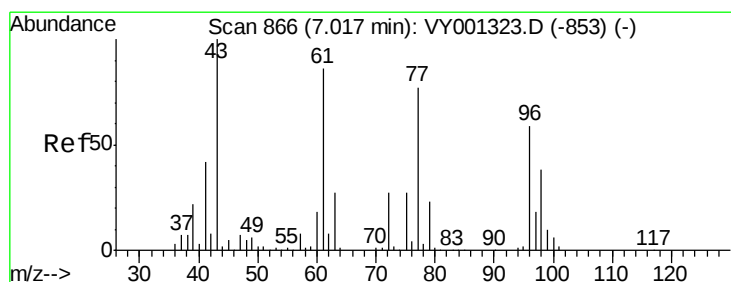
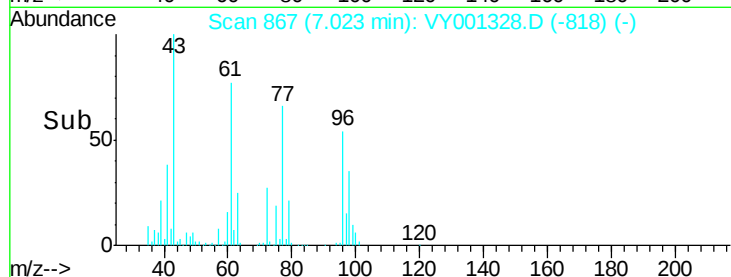
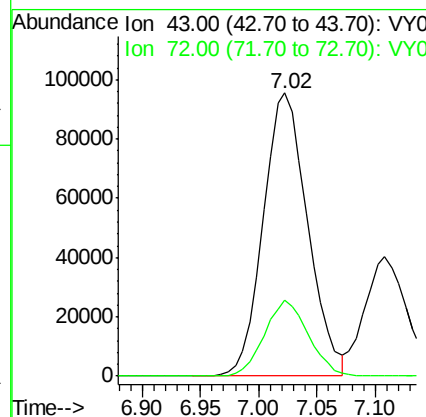
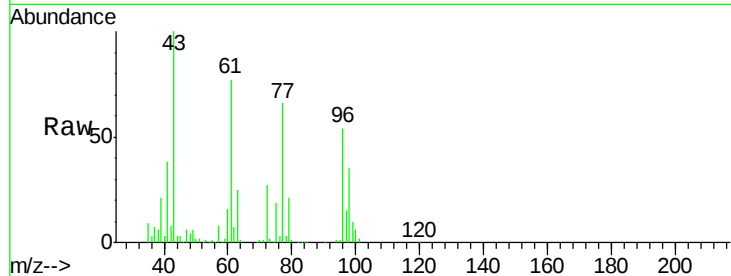
#25
2-Butanone
Concen: 242.025 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 253486
Ion Ratio Lower Upper
43 100
72 26.7 20.6 31.0

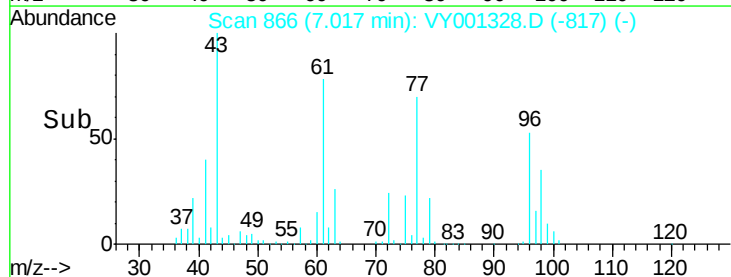
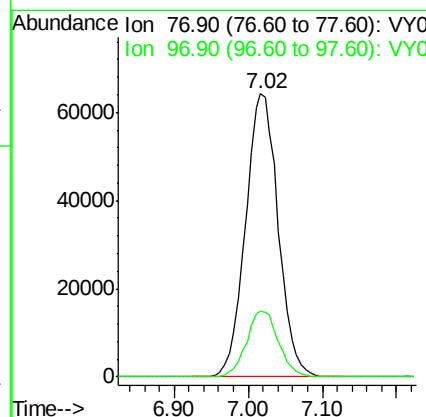
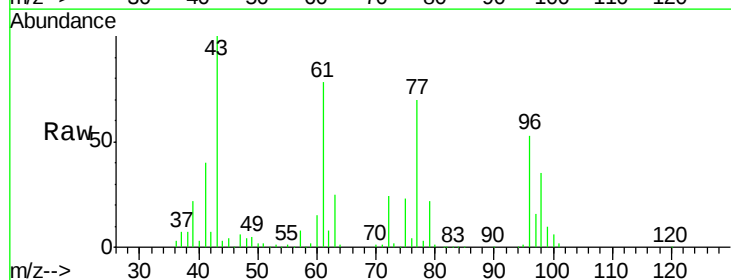
Manual Integrations
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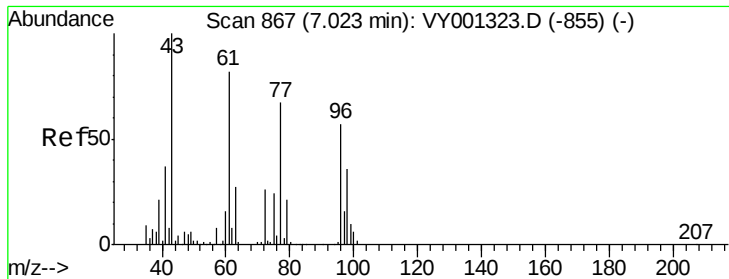
MMDadoda
1/23/2020 10:56:20 AM



#26
2,2-Dichloropropane
Concen: 47.269 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion: 77 Resp: 197328
Ion Ratio Lower Upper
77 100
97 22.9 11.9 35.5





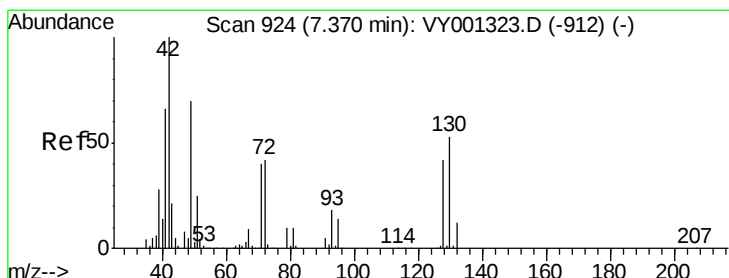
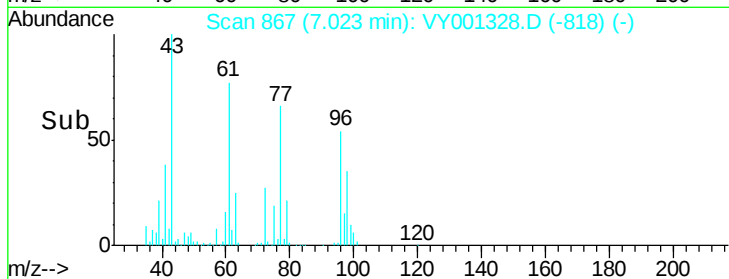
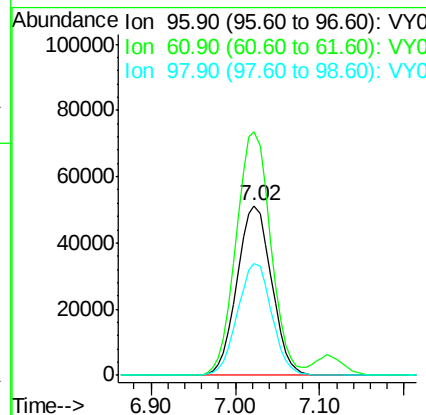
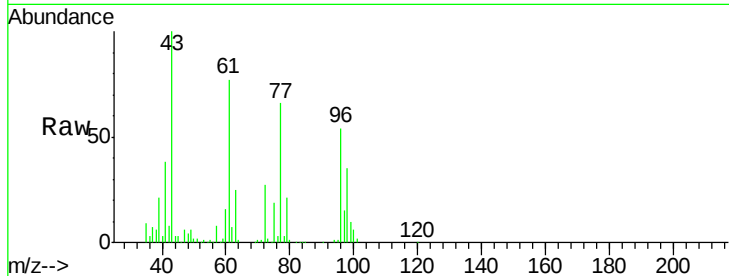
#27
 cis-1,2-Dichloroethene
 Concen: 46.581 ug/l
 RT: 7.02 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.0	0.0	284.8	
98	65.3	0.0	128.4	

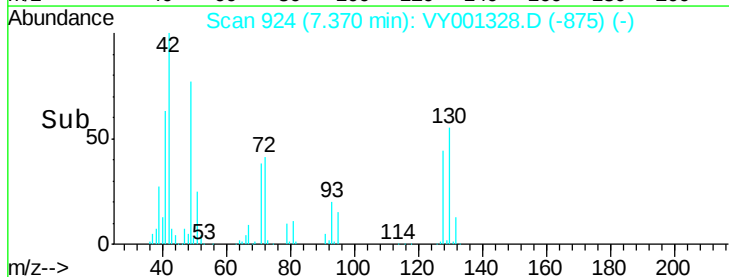
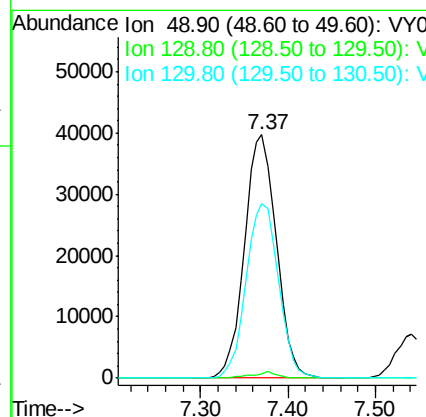
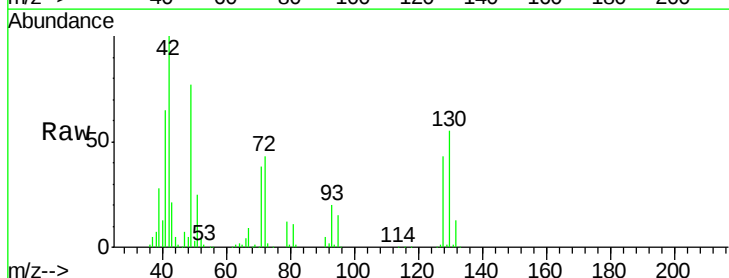
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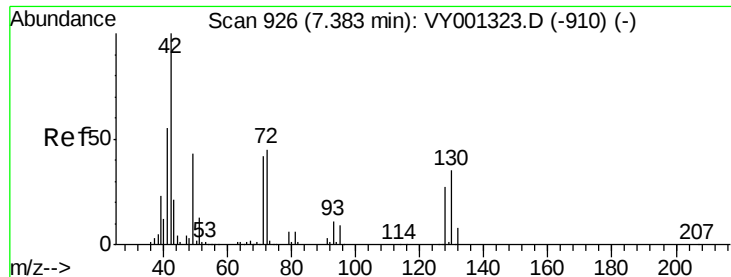
MMDadoda
 1/23/2020 10:56:20 AM



#28
 Bromochloromethane
 Concen: 52.112 ug/l
 RT: 7.37 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.0	
130	73.0	58.9	88.3	





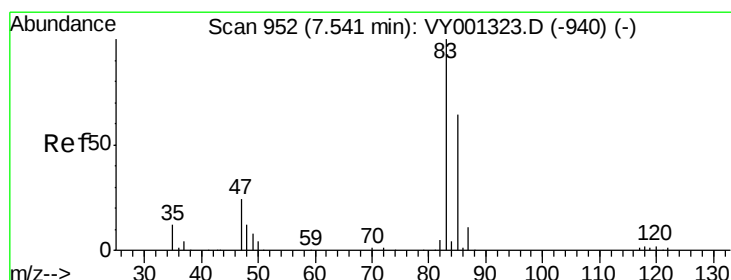
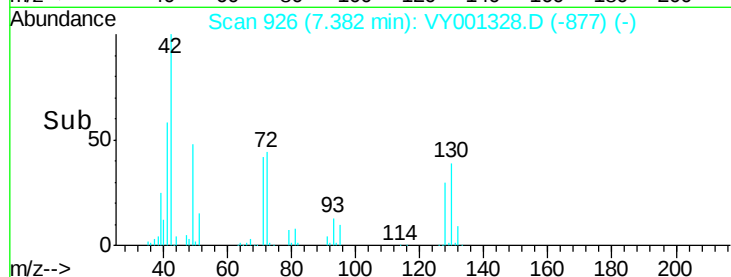
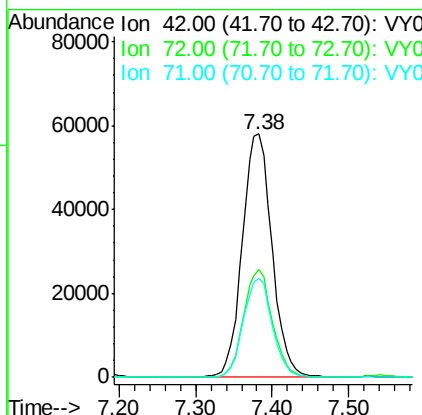
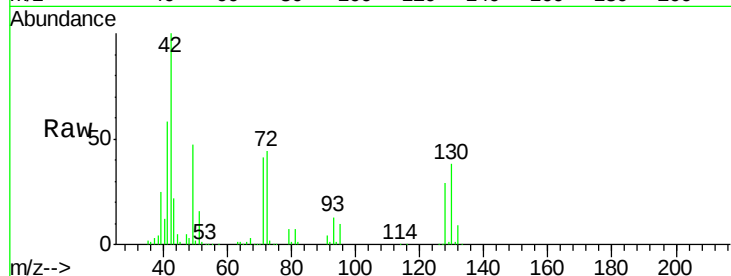
#29
Tetrahydrofuran
Concen: 230.019 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.6	51.8
71	39.8	32.6	48.8

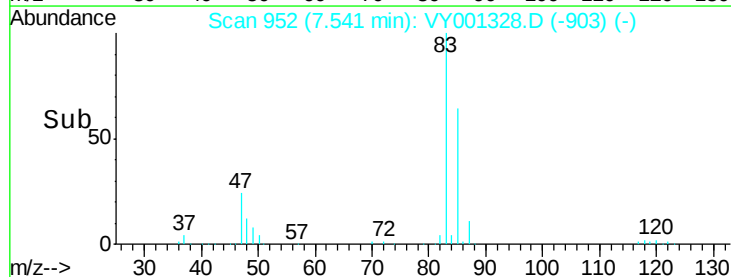
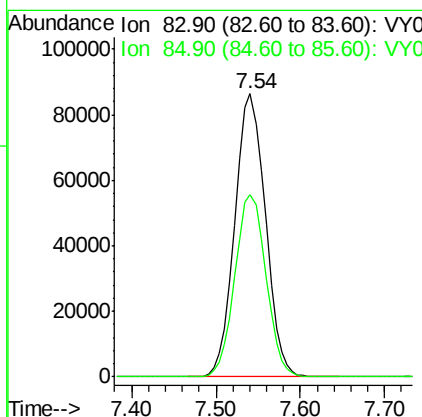
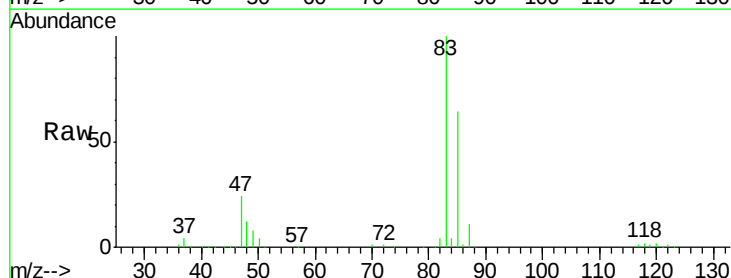
Manual Integrations
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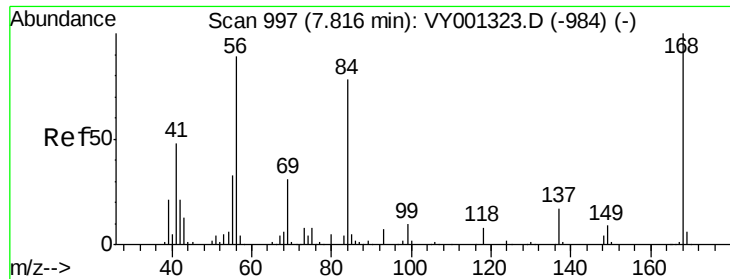
MMDadoda
1/23/2020 10:56:20 AM



#30
Chloroform
Concen: 46.115 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





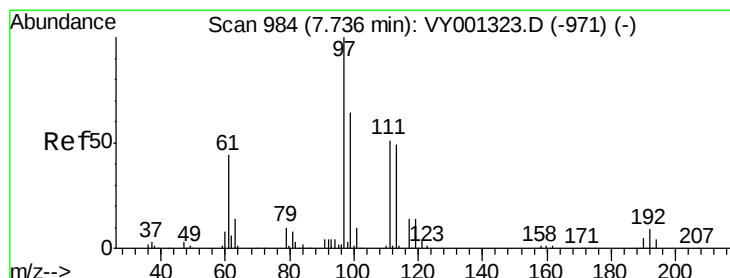
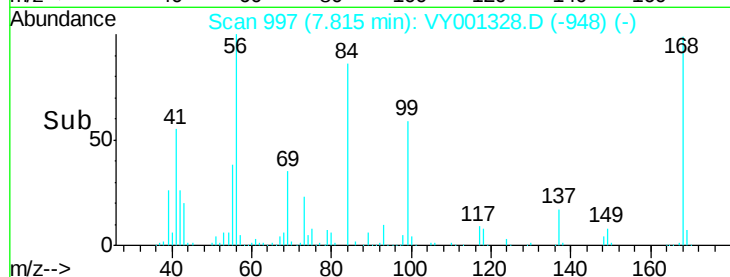
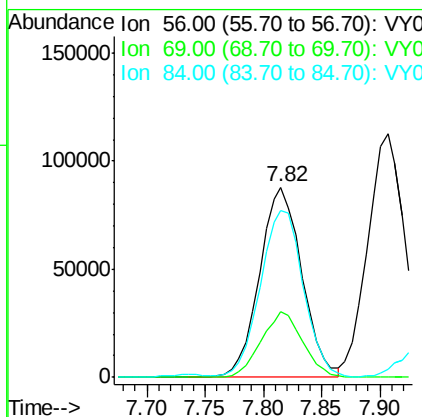
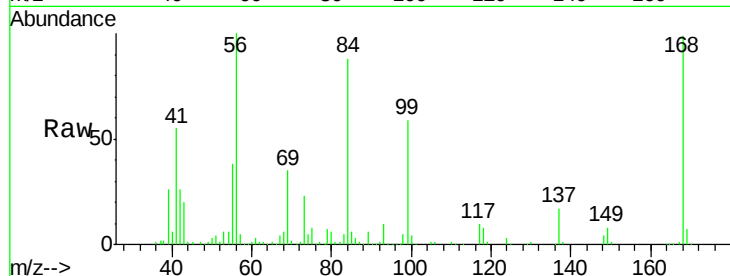
#31
Cyclohexane
Concen: 47.412 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.7	27.6	41.4
84	86.1	69.7	104.5

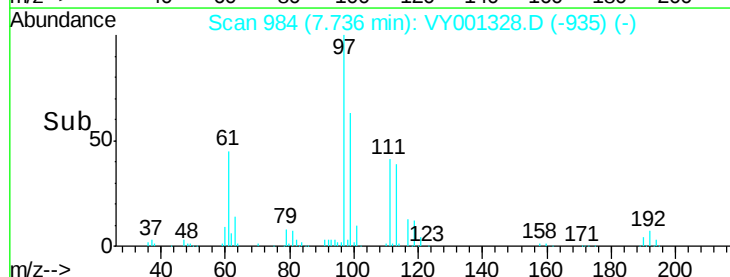
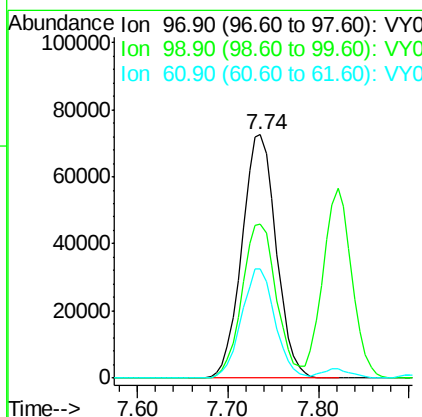
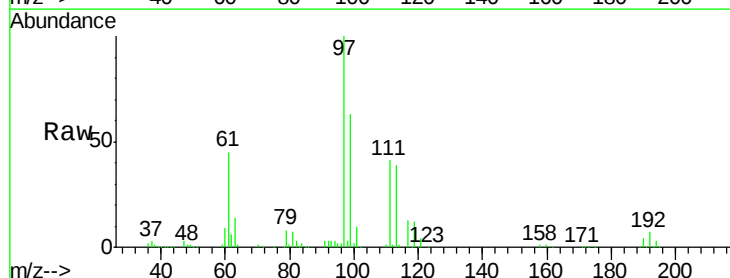
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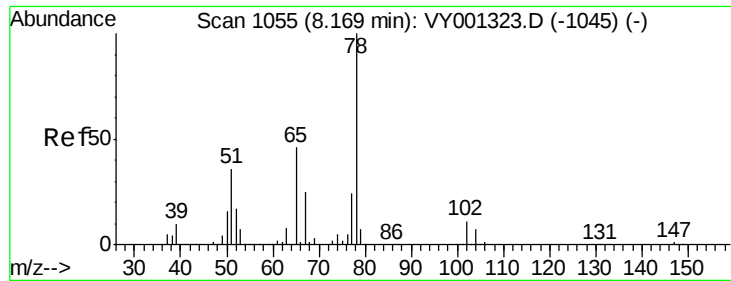
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#32
1,1,1-Trichloroethane
Concen: 48.947 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.3	76.9
61	44.0	35.9	53.9





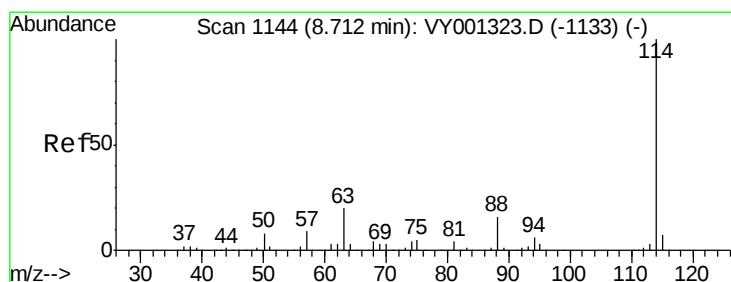
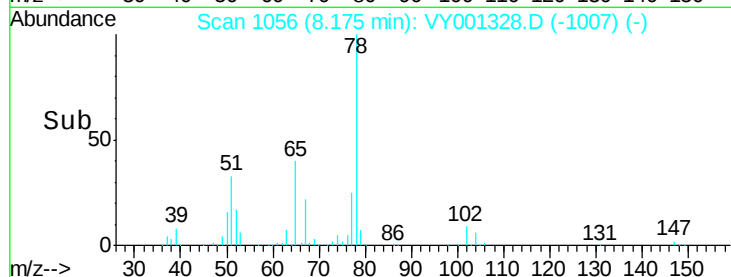
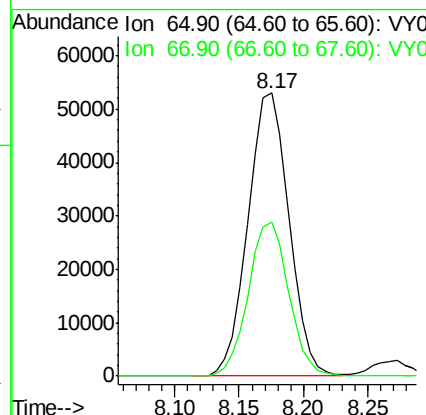
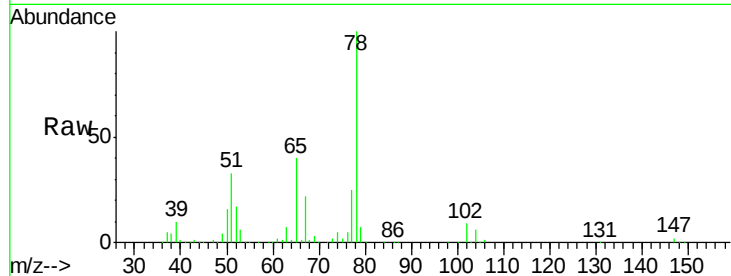
#33
 1,2-Dichloroethane-d4
 Concen: 48.662 ug/l
 RT: 8.17 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	117095		
67	53.6	0.0	108.6	

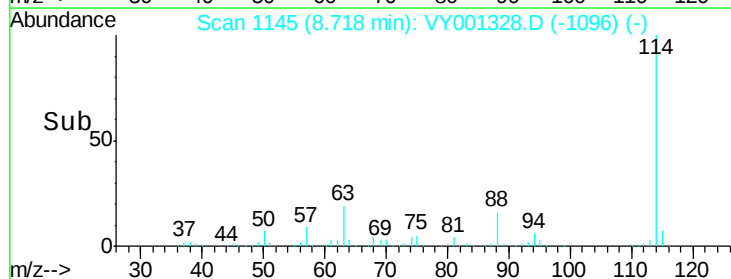
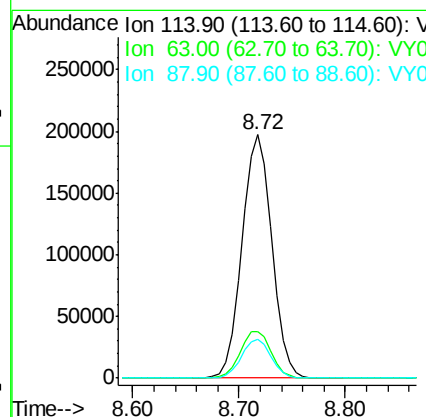
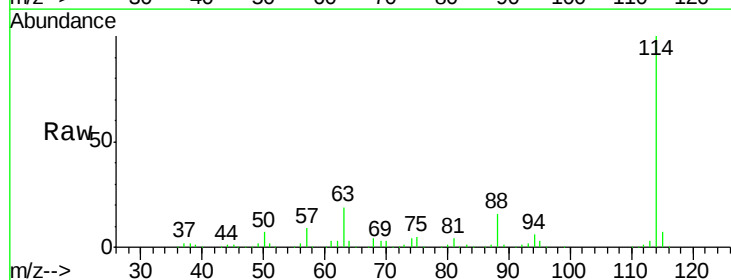
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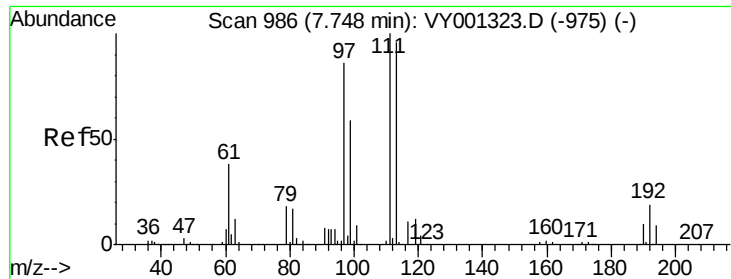
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	388265		
63	19.0	0.0	40.8	
88	15.9	0.0	31.0	





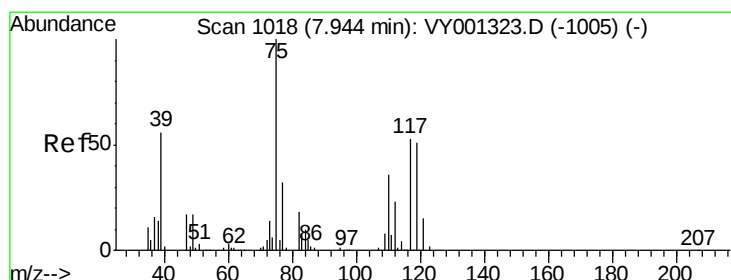
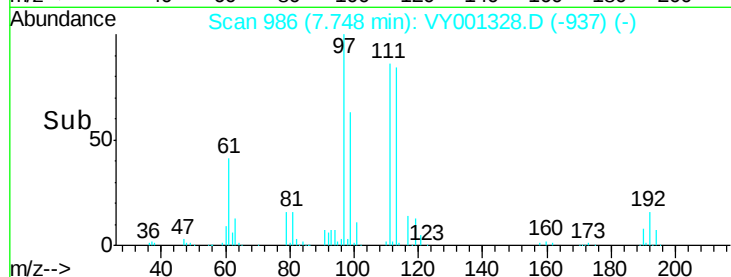
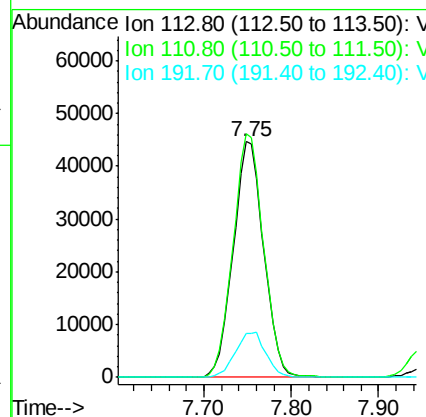
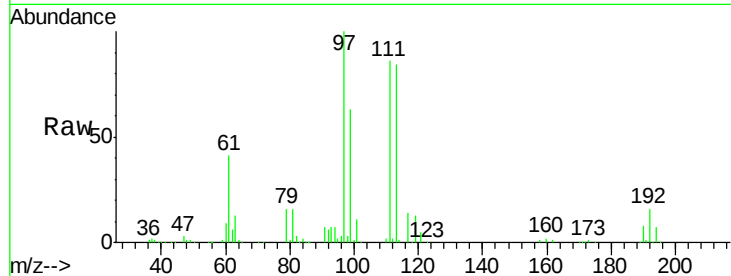
#35
 Dibromofluoromethane
 Concen: 47.444 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	108115		
111	103.3	82.8	124.2	
192	19.1	15.5	23.3	

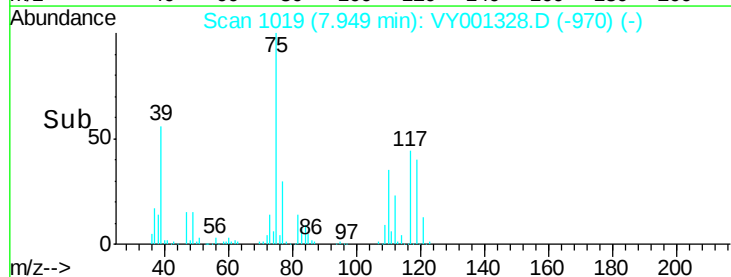
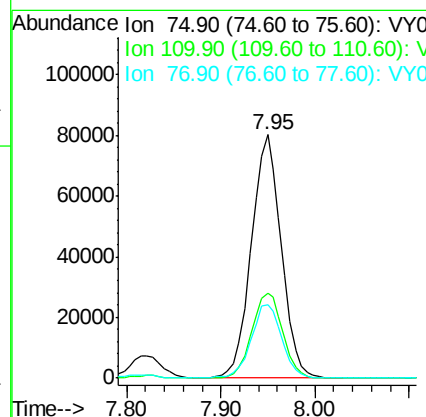
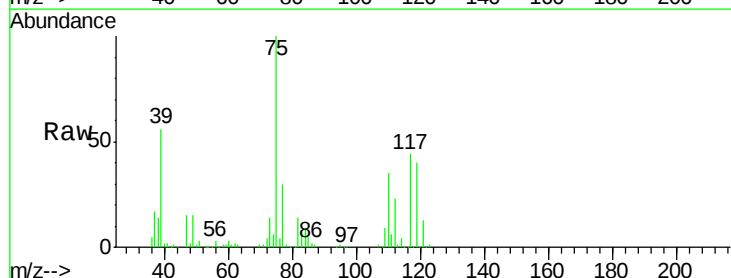
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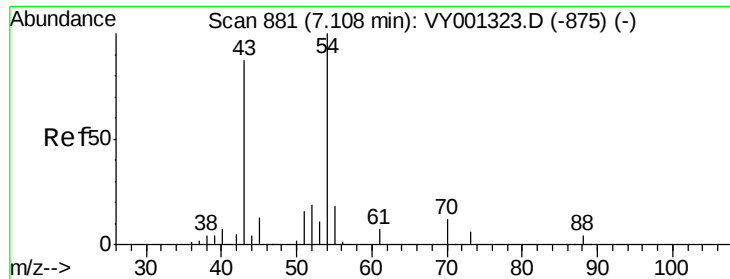
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#36
 1,1-Dichloropropene
 Concen: 48.708 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	178669		
110	36.0	17.6	52.8	
77	30.9	24.7	37.1	





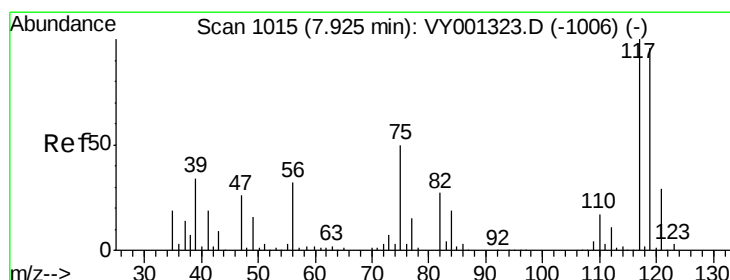
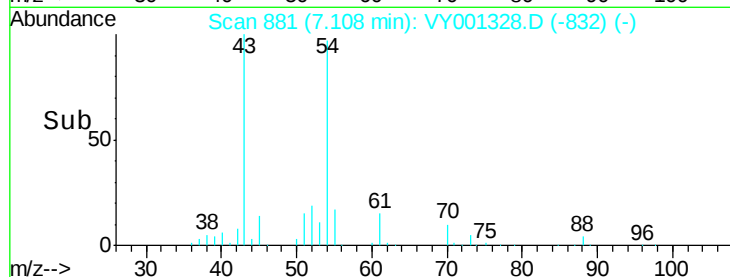
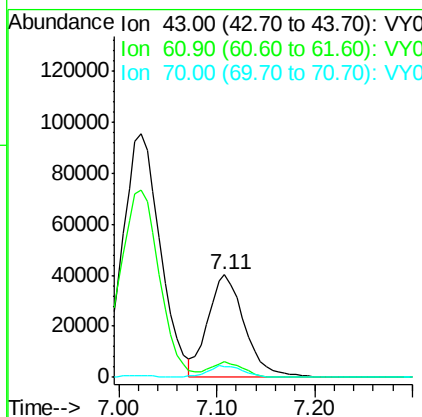
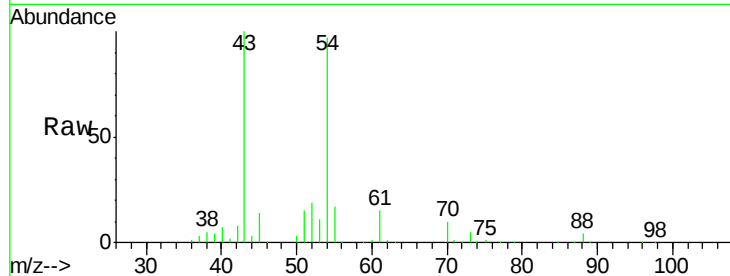
#37
Ethyl Acetate
Concen: 46.436 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 104069
Ion Ratio Lower Upper
43 100
61 14.3 11.3 16.9
70 11.0 8.7 13.1

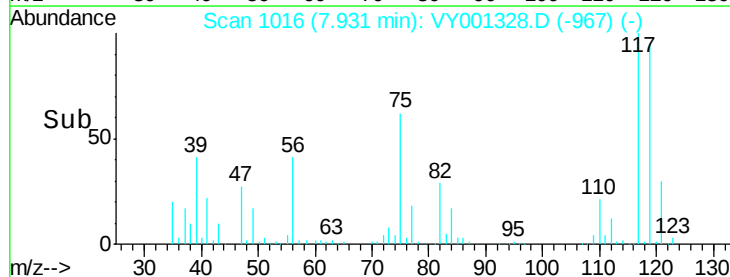
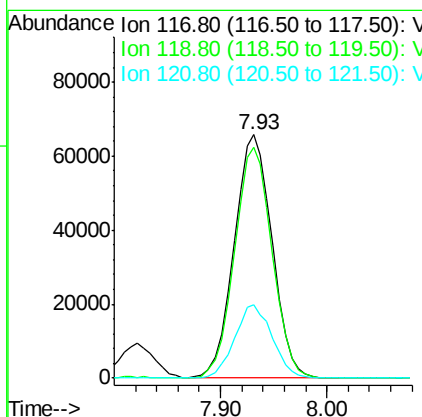
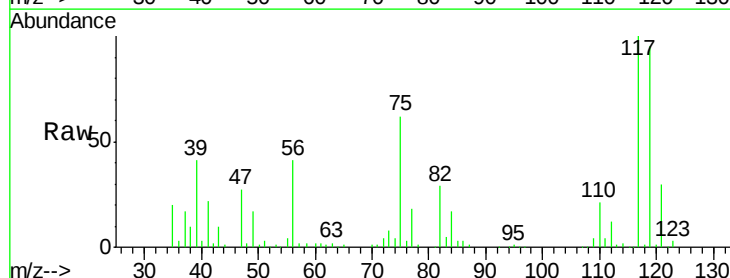
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#38
Carbon Tetrachloride
Concen: 50.100 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion: 117 Resp: 163784
Ion Ratio Lower Upper
117 100
119 94.5 76.3 114.5
121 30.3 23.5 35.3





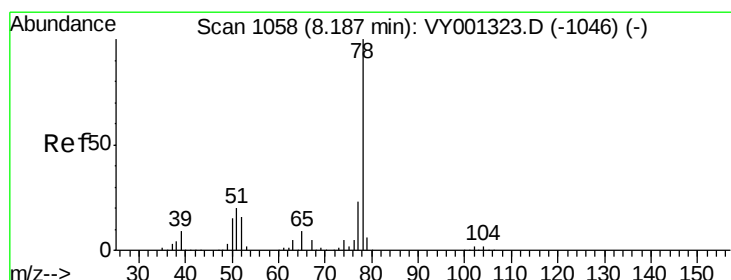
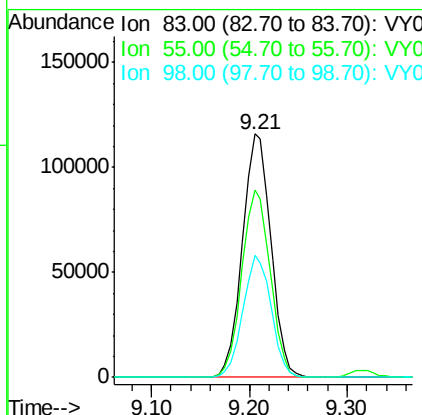
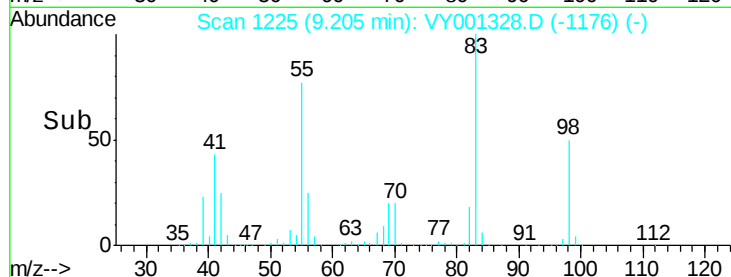
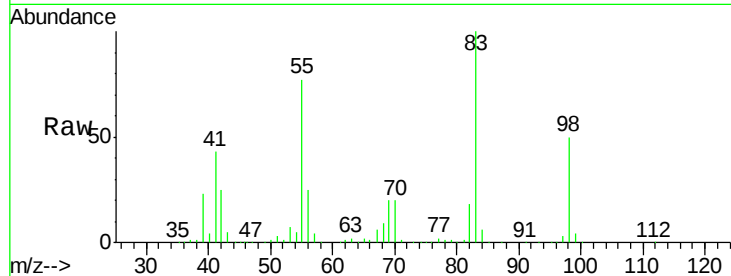
#39
Methvlcvclohexane
Concen: 49.942 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	60.7	91.1
98	50.3	37.8	56.8

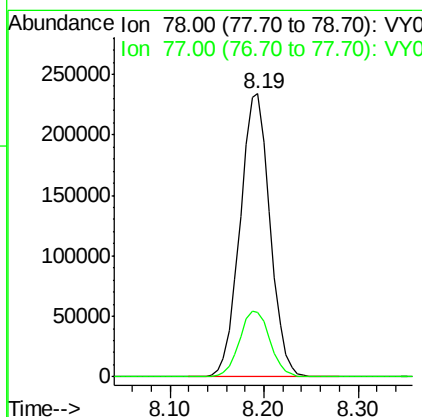
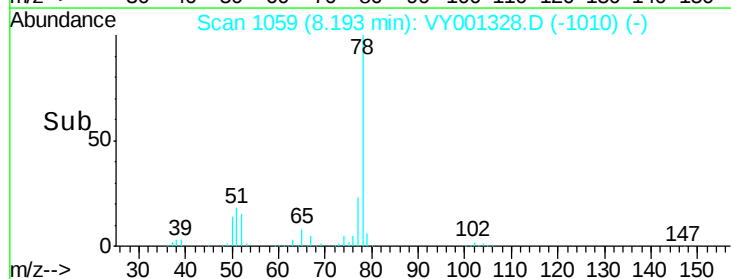
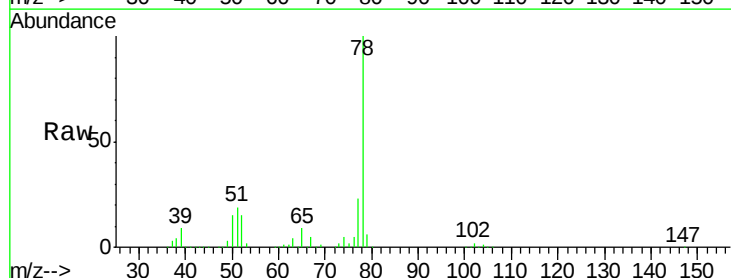
Manual Integrations
APPROVED

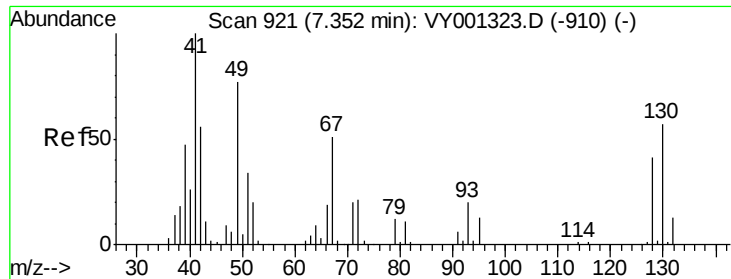
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#40
Benzene
Concen: 47.198 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.6	27.8





#41

Methacrylonitrile

Concen: 53.804 ug/l m

RT: 7.35 min Scan# 921

Delta R.T. -0.02 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 62225

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

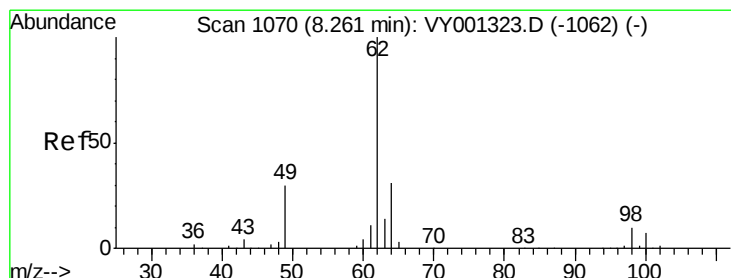
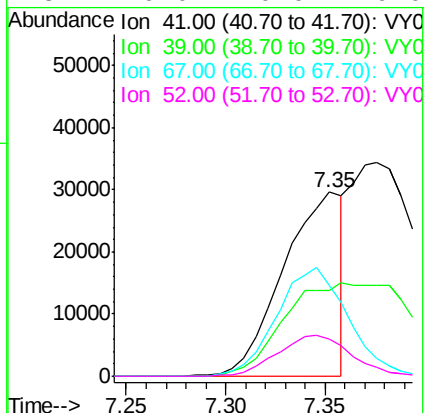
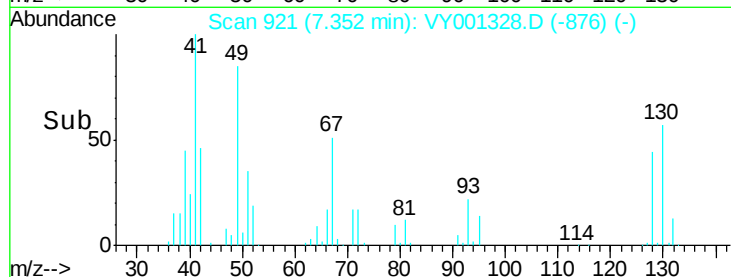
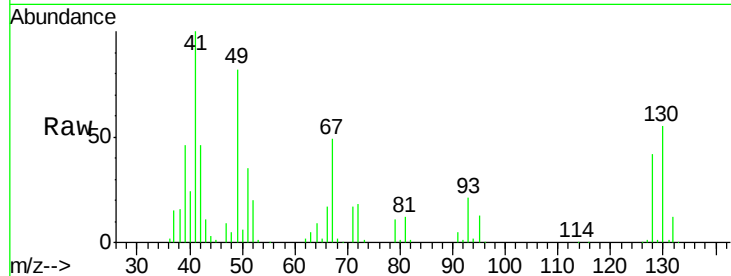
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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MMDadoda

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#42

1,2-Dichloroethane

Concen: 46.263 ug/l

RT: 8.27 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VY001328.D

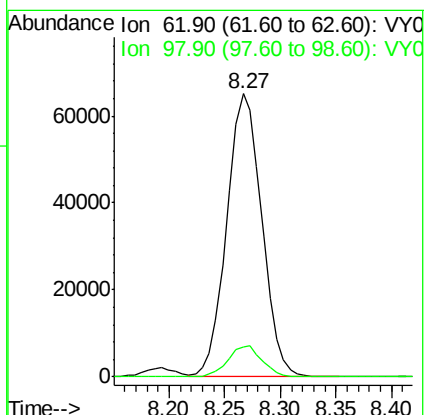
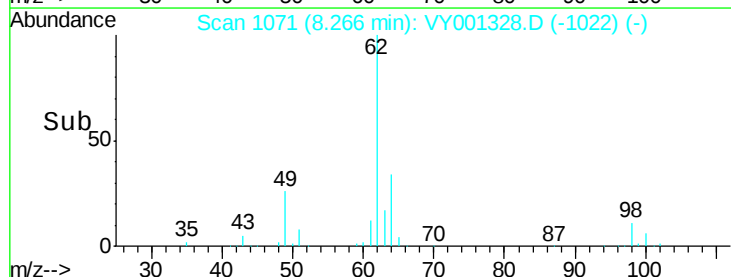
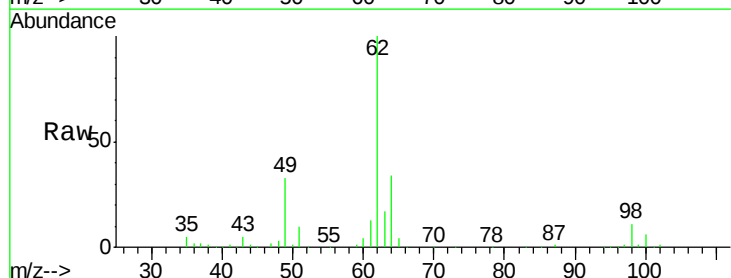
Acq: 22 Jan 2020 13:52

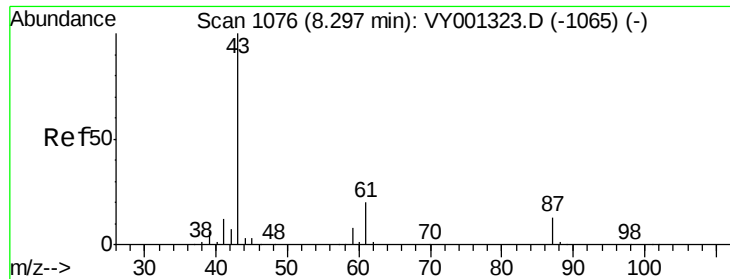
Tgt Ion: 62 Resp: 142176

Ion Ratio Lower Upper

62 100

98 10.6 0.0 20.8





#43

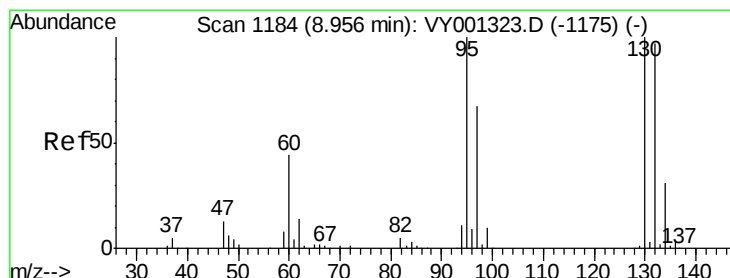
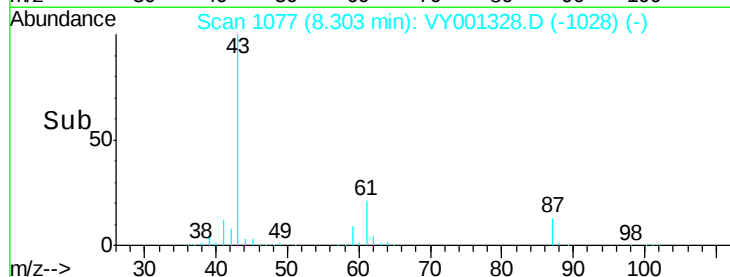
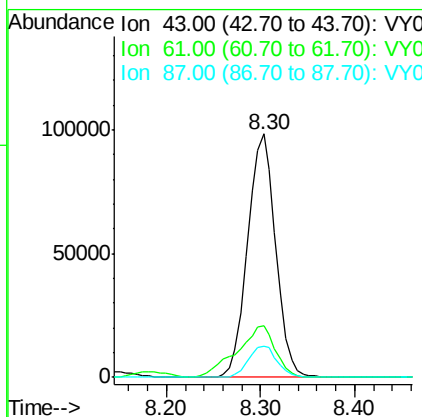
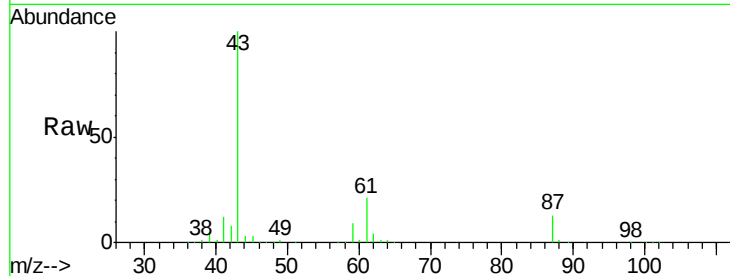
Isopropyl Acetate
 Concen: 47.165 ug/l
 RT: 8.30 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.8	22.7	34.1
87	13.1	11.0	16.4

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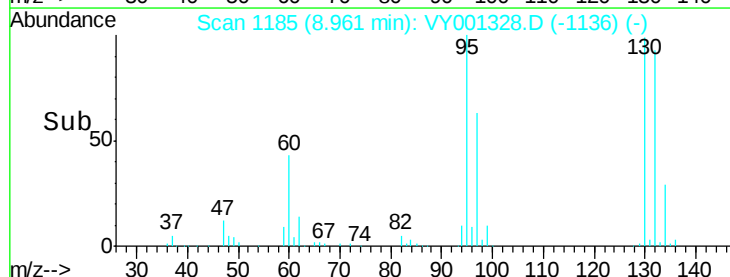
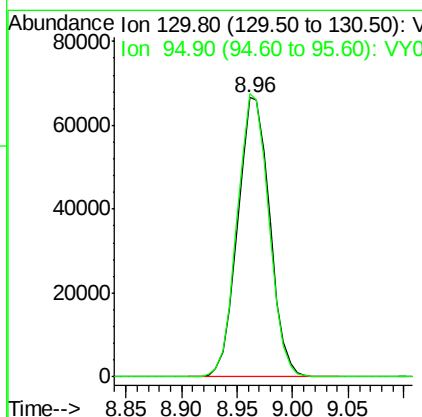
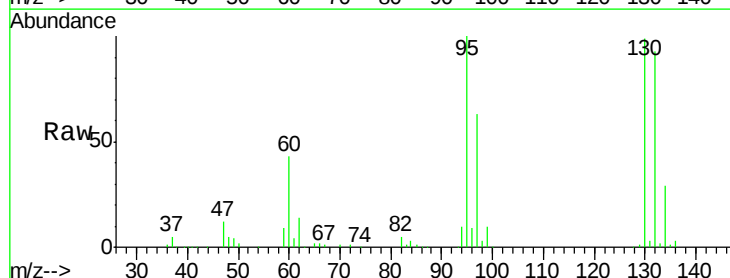
MMDadoda
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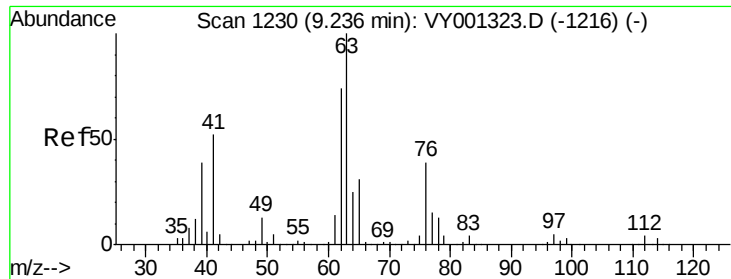


#44

Trichloroethene
 Concen: 47.164 ug/l
 RT: 8.96 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	200.0





#45

1,2-Dichloropropane

Concen: 47.542 ug/l

RT: 9.24 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 132185

Ion Ratio Lower Upper

63 100

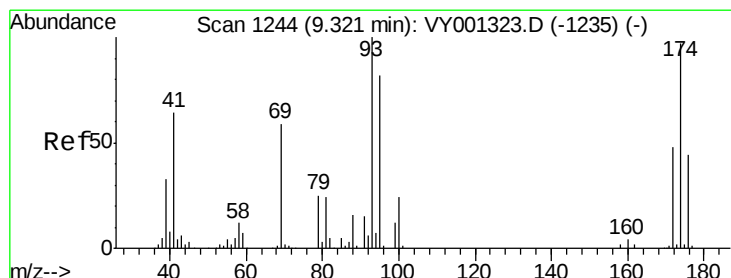
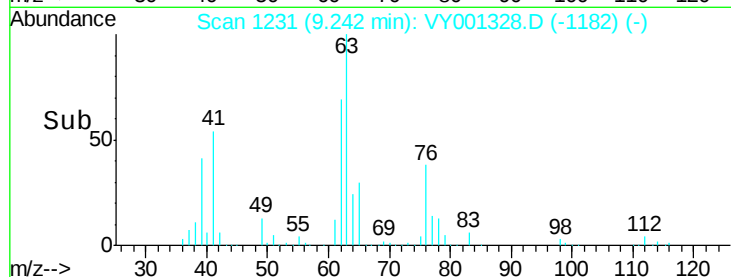
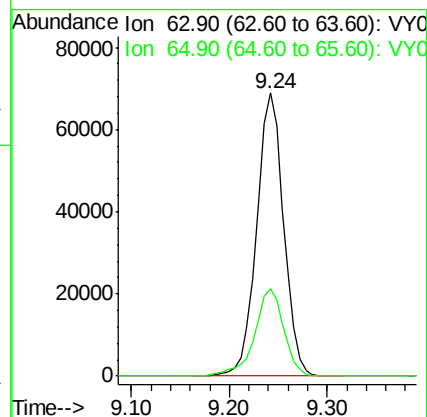
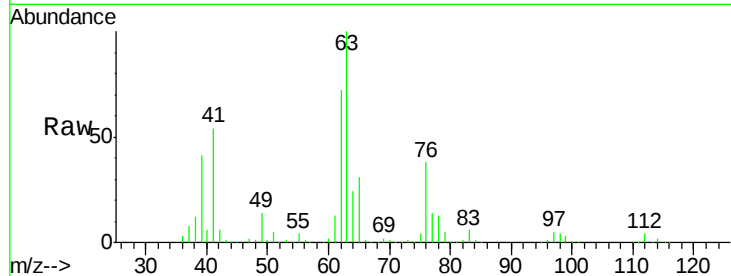
65 30.8 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 46.380 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

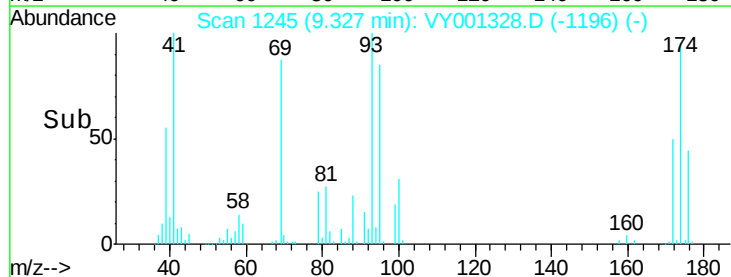
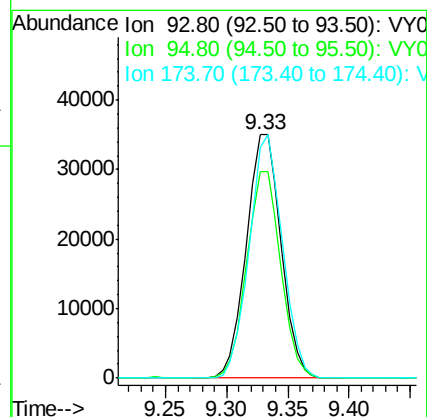
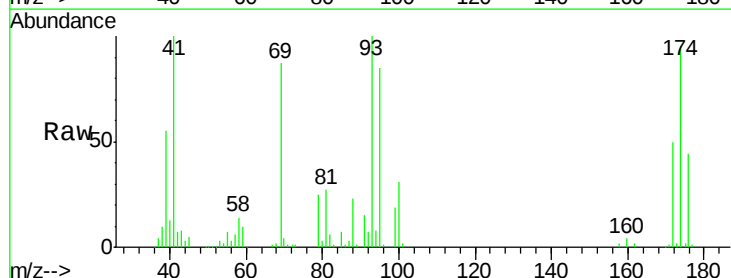
Tgt Ion: 93 Resp: 69230

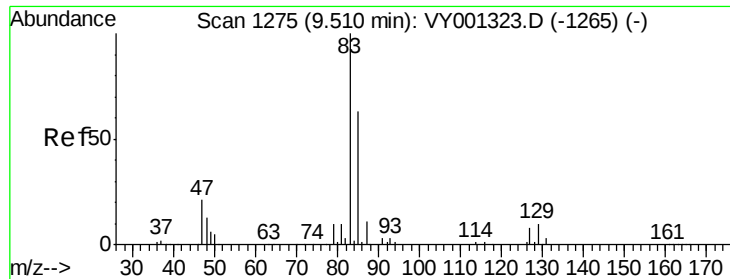
Ion Ratio Lower Upper

93 100

95 83.4 66.5 99.7

174 95.6 77.9 116.9





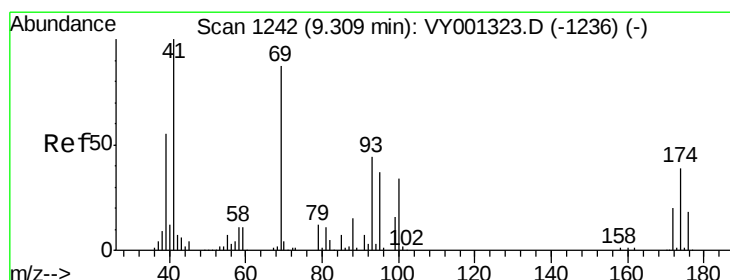
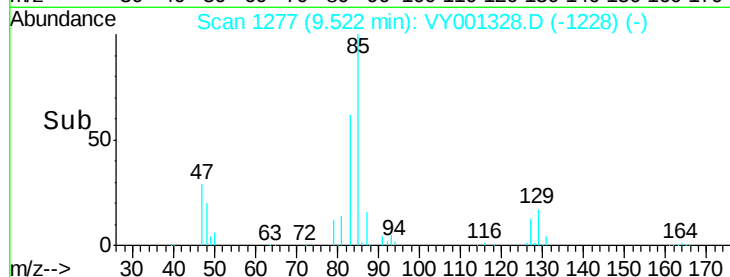
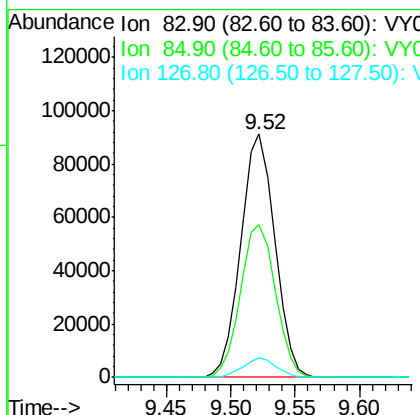
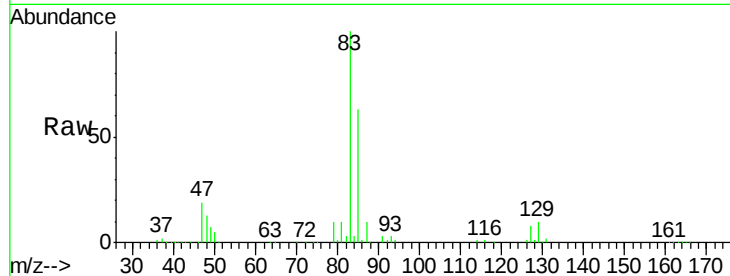
#47
Bromodichloromethane
Concen: 46.839 ug/l
RT: 9.52 min Scan# 1277
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	167132		
85	62.9	50.2	75.2	
127	7.9	6.4	9.6	

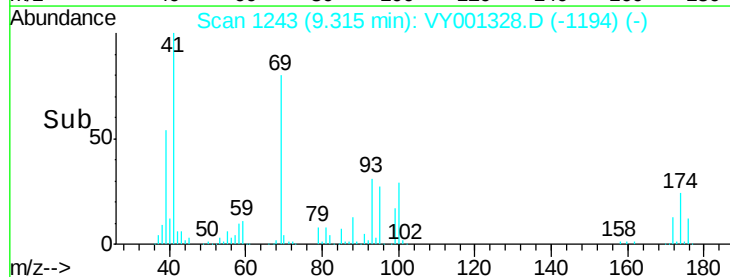
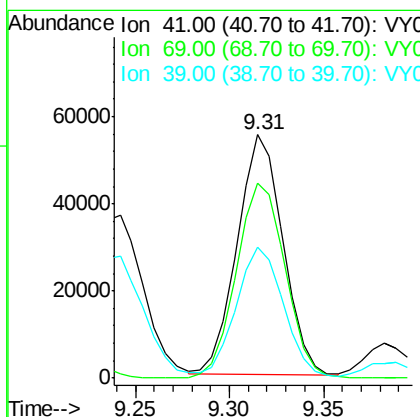
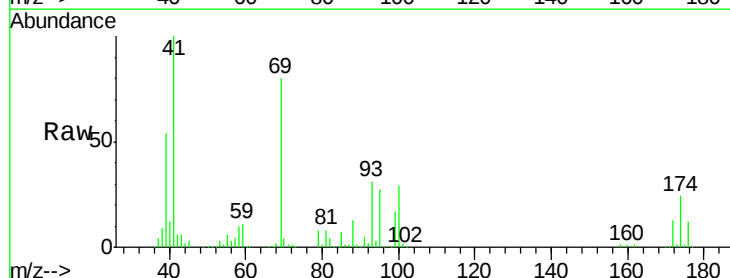
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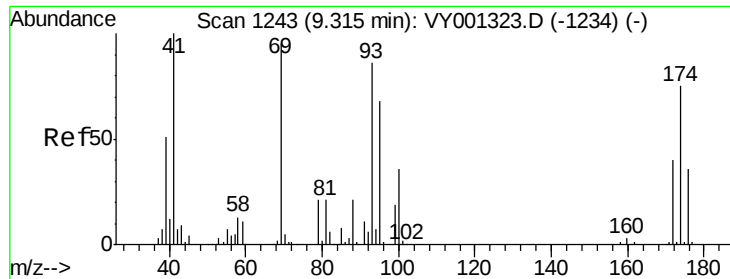
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#48
Methyl methacrylate
Concen: 46.599 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	92316		
69	87.2	70.2	105.4	
39	57.5	45.7	68.5	





#49

1,4-Dioxane

Concen: 954.134 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 20084

Ion Ratio Lower Upper

88 100

43 34.2 28.2 42.2

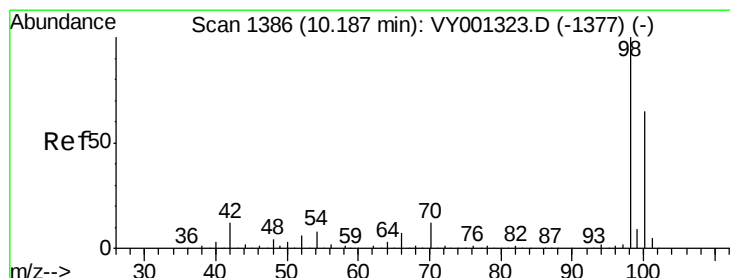
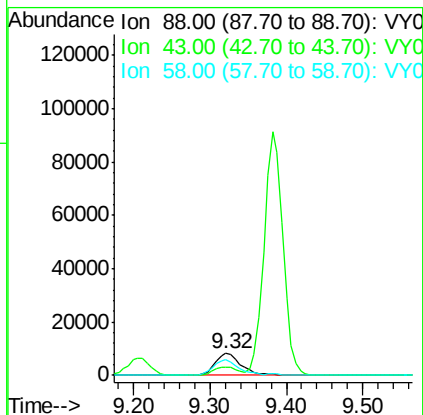
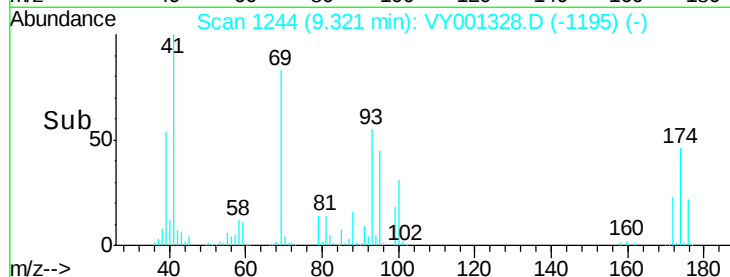
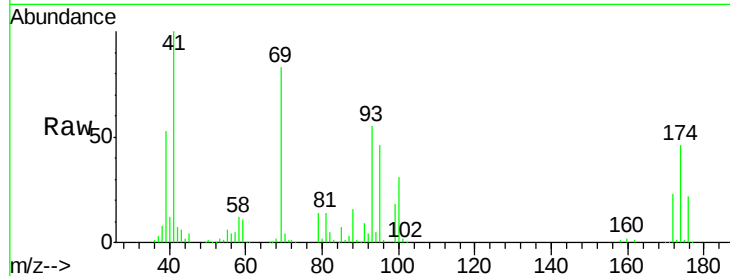
58 67.1 55.6 83.4

Manual Integrations

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#50

Toluene-d8

Concen: 51.033 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VY001328.D

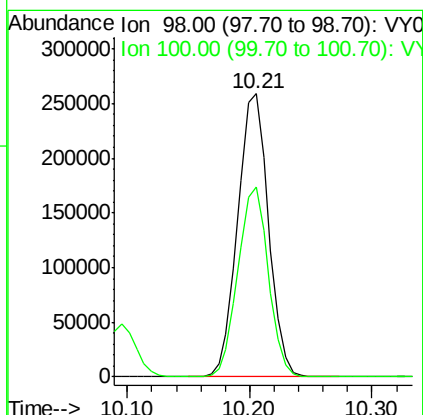
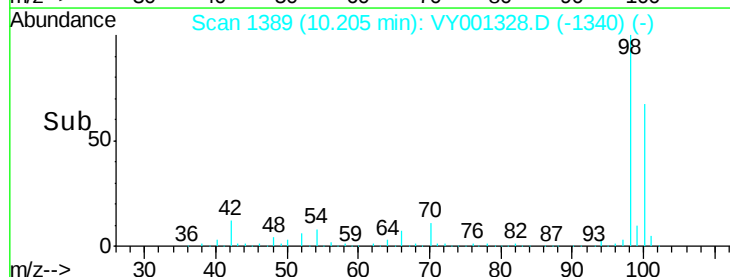
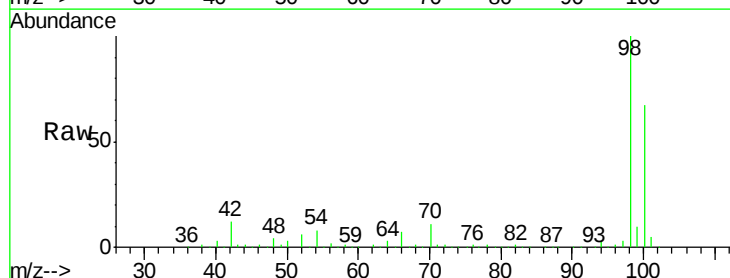
Acq: 22 Jan 2020 13:52

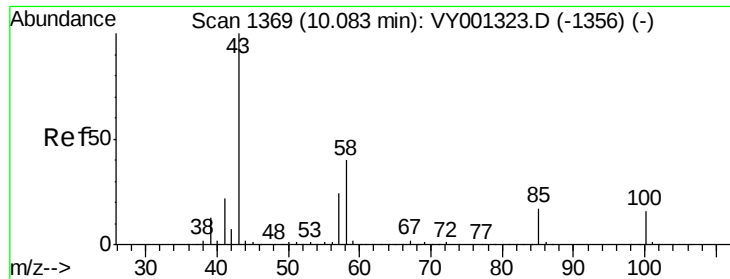
Tgt Ion: 98 Resp: 451822

Ion Ratio Lower Upper

98 100

100 66.3 52.6 79.0





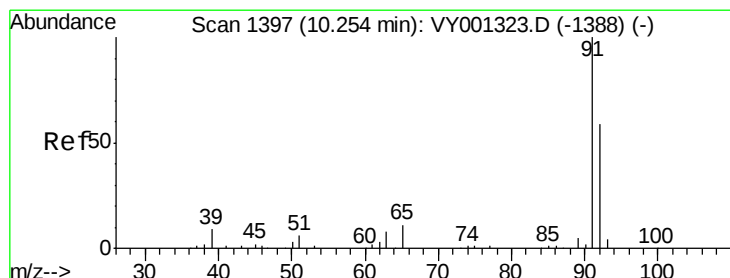
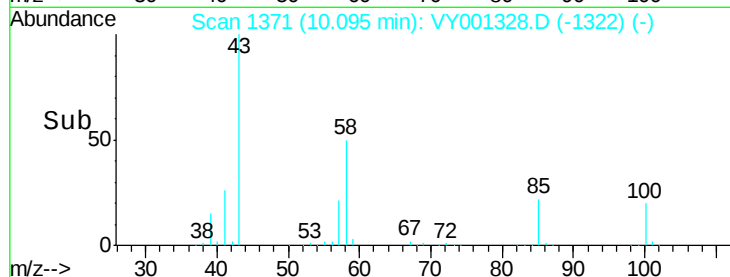
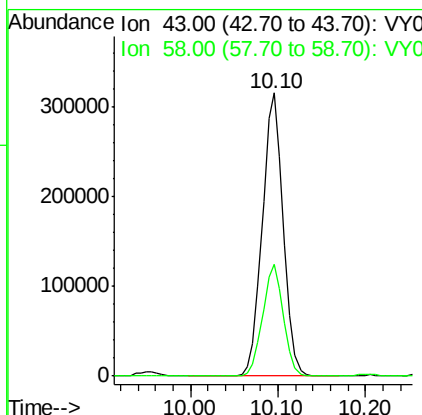
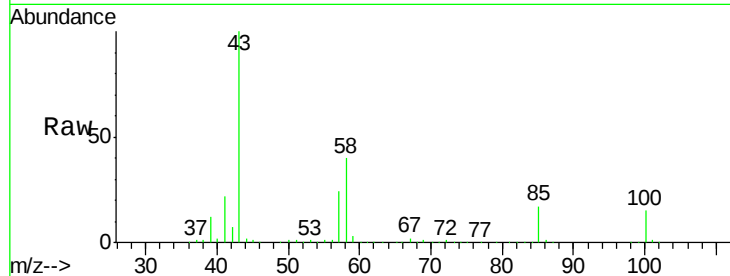
#51
4-Methyl-2-Pentanone
Concen: 234.764 ug/l
RT: 10.10 min Scan# 1371
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 526863
Ion Ratio Lower Upper
43 100
58 39.1 31.5 47.3

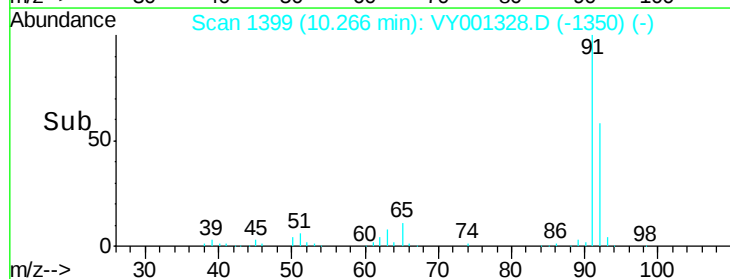
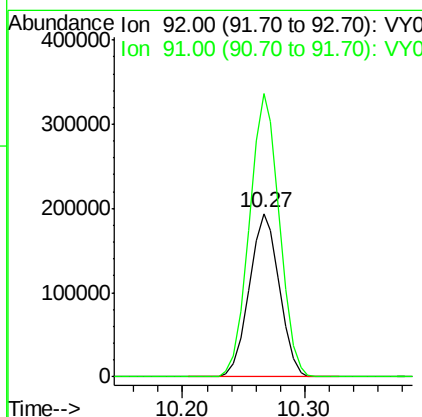
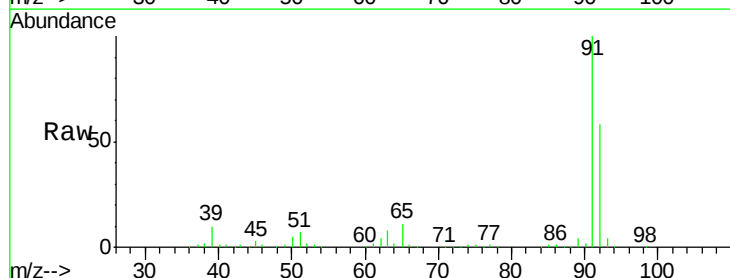
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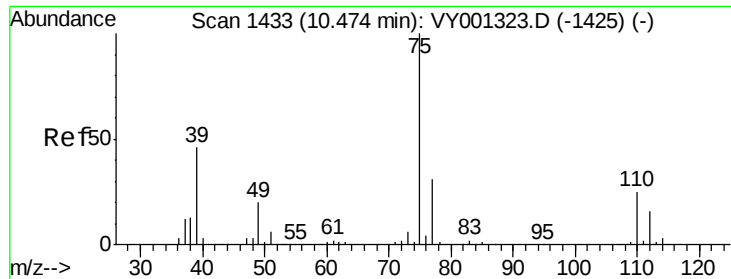
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#52
Toluene
Concen: 47.517 ug/l
RT: 10.27 min Scan# 1399
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion: 92 Resp: 331291
Ion Ratio Lower Upper
92 100
91 172.6 136.4 204.6





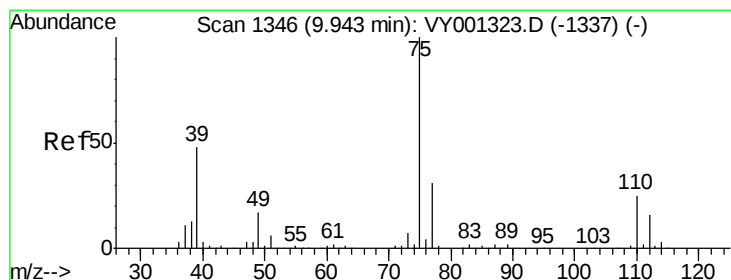
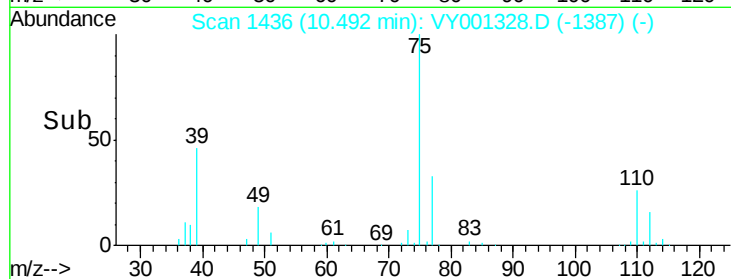
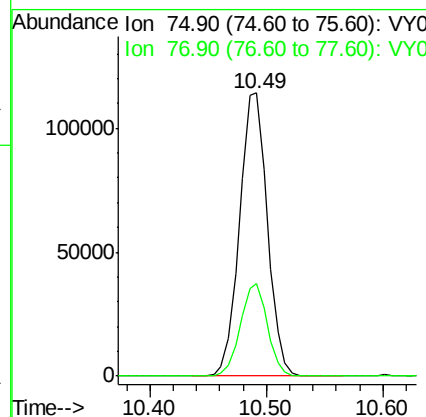
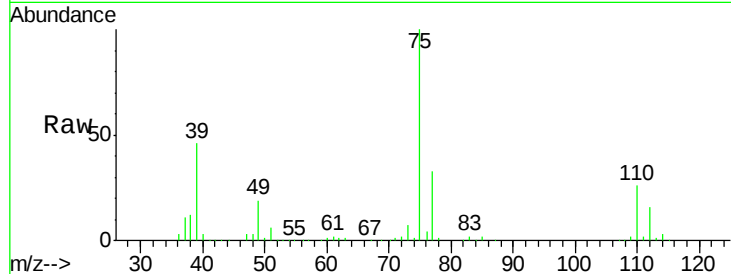
#53
t-1,3-Dichloropropene
Concen: 48.108 ug/l
RT: 10.49 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 190270
Ion Ratio Lower Upper
75 100
77 32.8 25.2 37.8

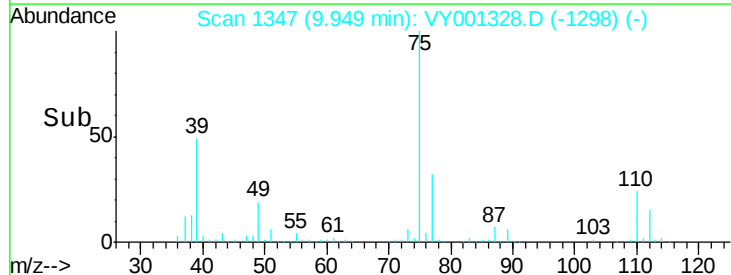
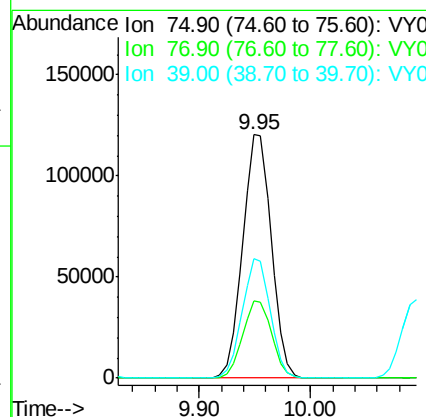
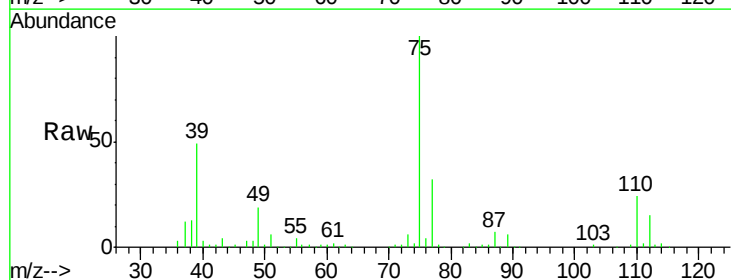
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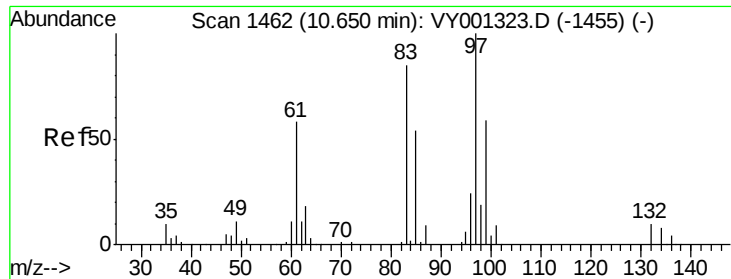
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#54
cis-1,3-Dichloropropene
Concen: 47.399 ug/l
RT: 9.95 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion: 75 Resp: 215172
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.6
39 48.9 38.2 57.4





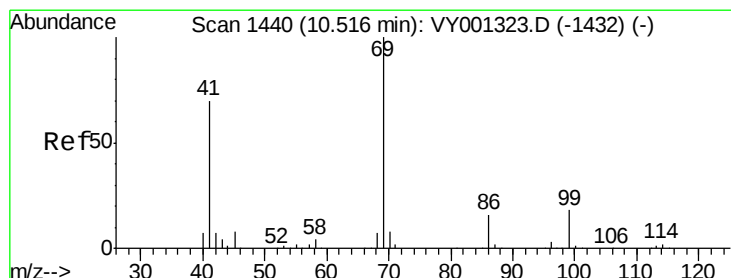
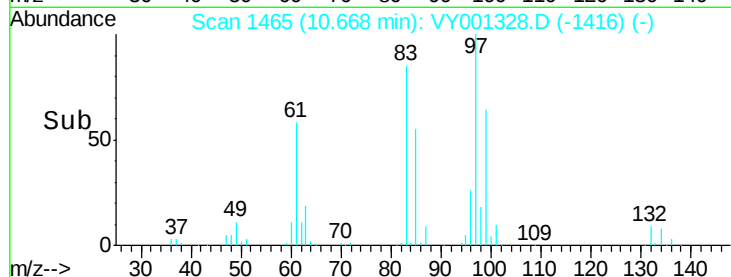
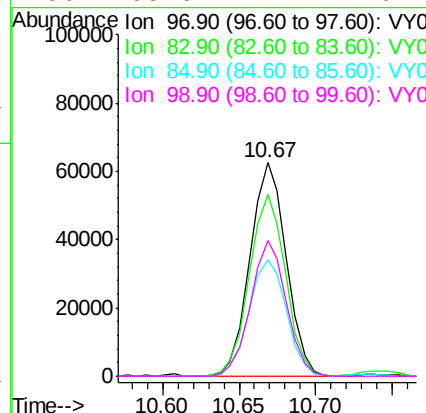
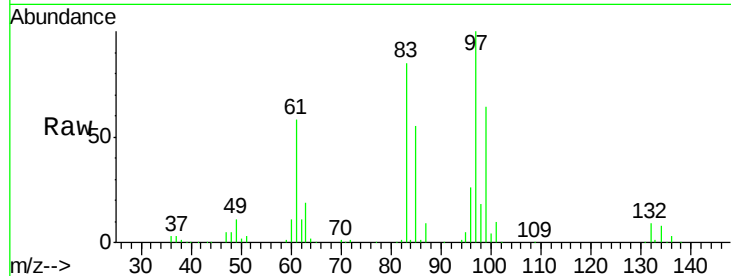
#55
 1,1,2-Trichloroethane
 Concen: 46.842 ug/l
 RT: 10.67 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	103200
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.0	102.0
85	54.5	43.6	65.4
99	63.6	47.1	70.7

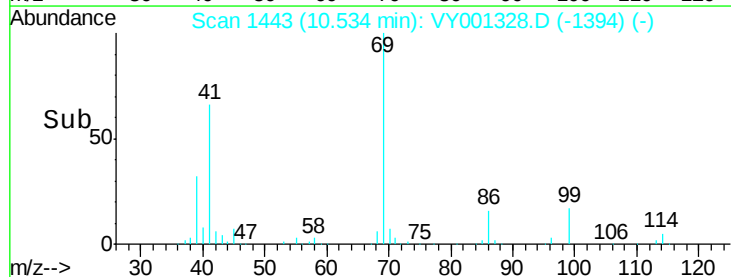
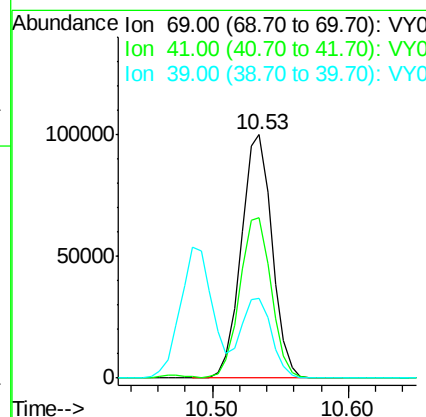
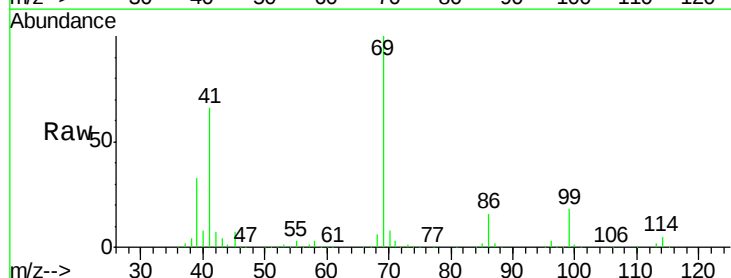
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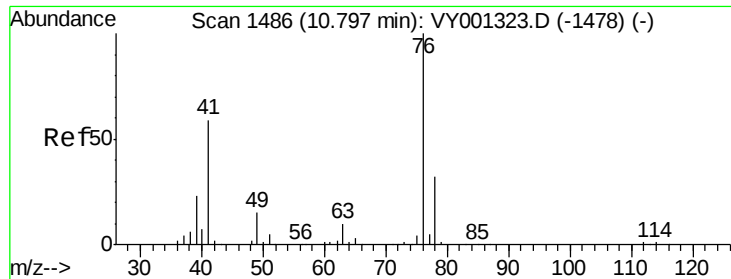
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#56
 Ethyl methacrylate
 Concen: 47.407 ug/l
 RT: 10.53 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Tgt Ion:	69	Resp:	157859
Ion	Ratio	Lower	Upper
69	100		
41	67.3	54.1	81.1
39	33.1	26.8	40.2





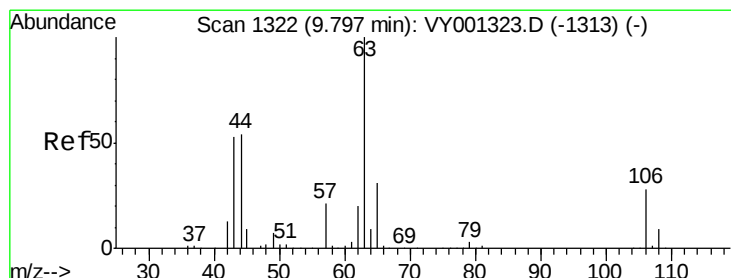
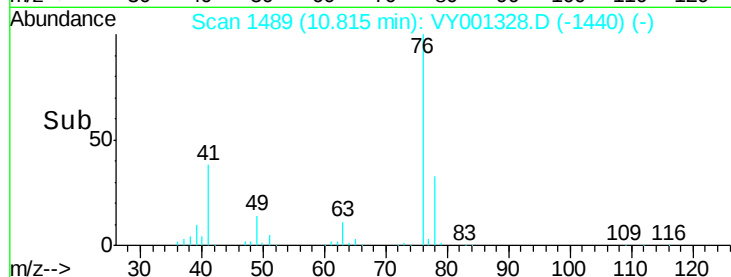
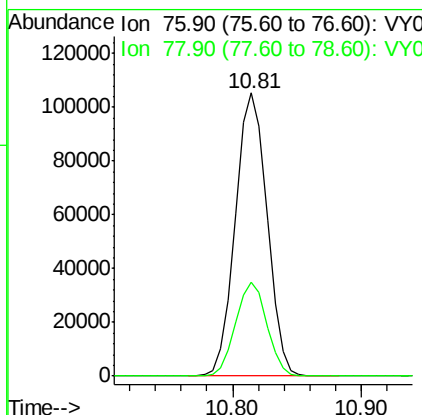
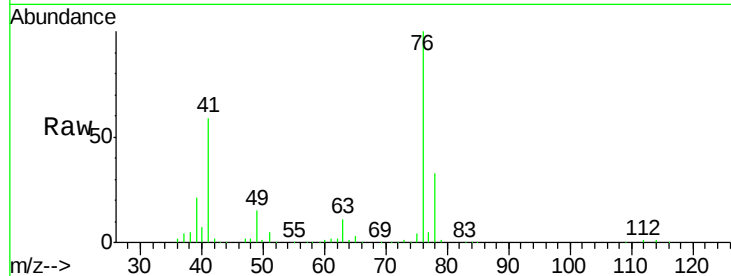
#57
 1,3-Dichloropropane
 Concen: 46.832 ug/l
 RT: 10.81 min Scan# 1489
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 179732
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8

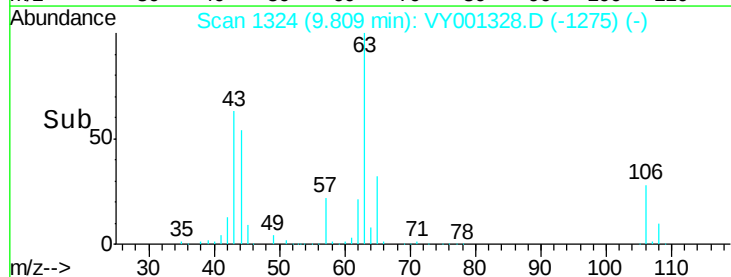
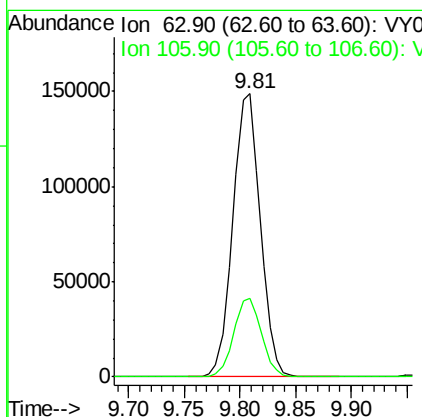
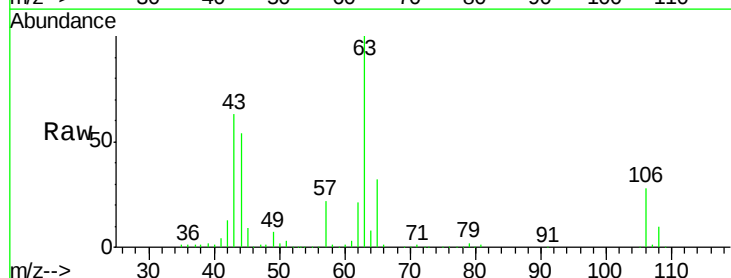
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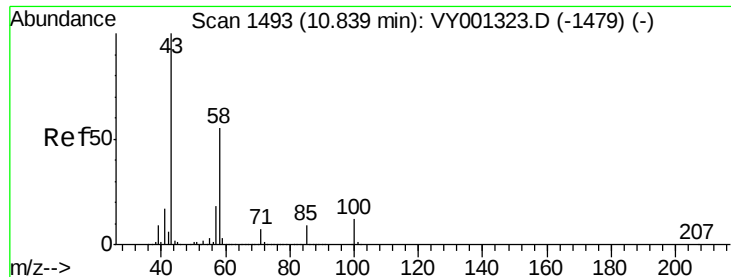
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 1/23/2020 10:56:20 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 220.628 ug/l
 RT: 9.81 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Tgt Ion: 63 Resp: 254220
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.5 33.7





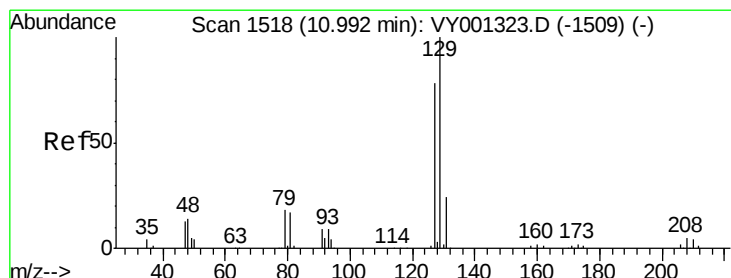
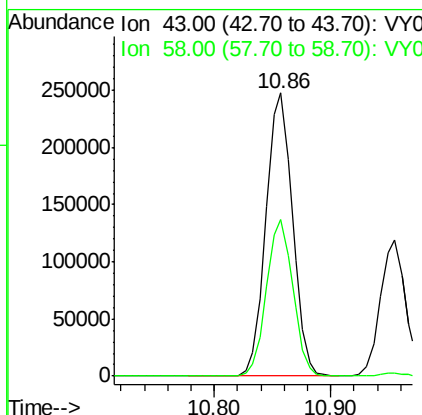
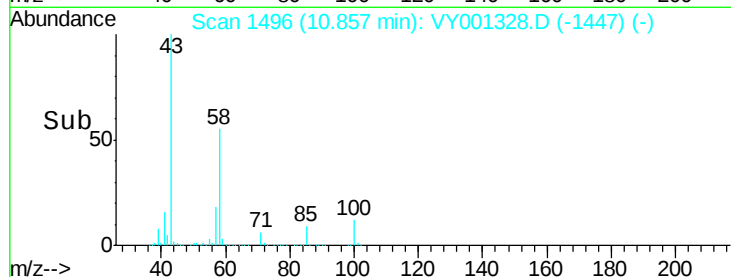
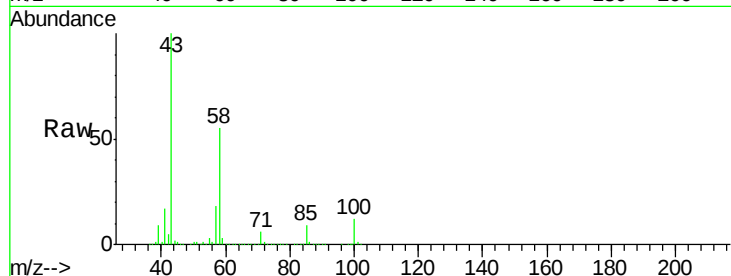
#59
2-Hexanone
Concen: 250.231 ug/l
RT: 10.86 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 390952
Ion Ratio Lower Upper
43 100
58 54.8 27.6 82.8

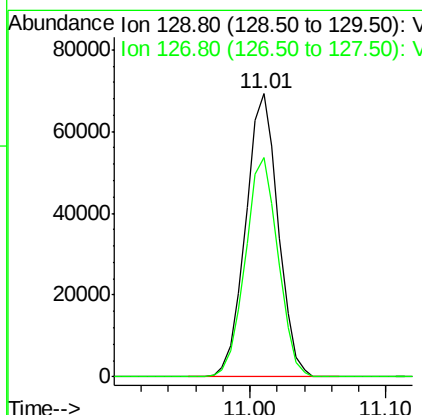
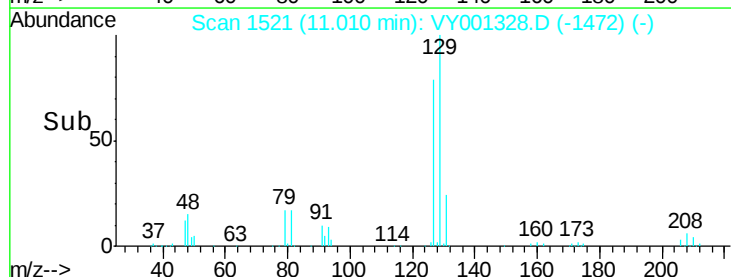
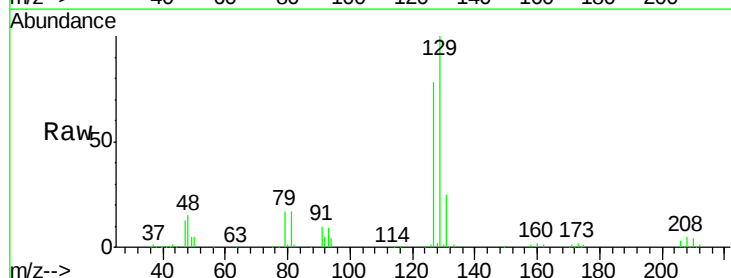
Manual Integrations
APPROVED

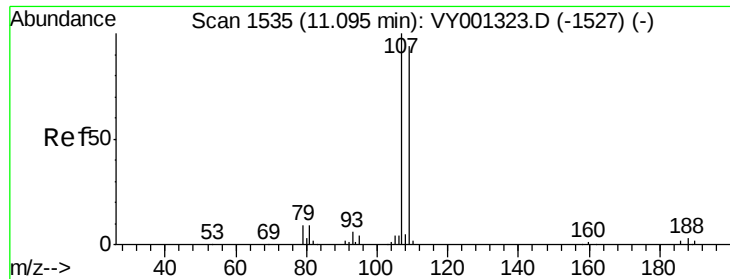
MMDadoda
1/23/2020 10:56:20 AM



#60
Dibromochloromethane
Concen: 47.057 ug/l
RT: 11.01 min Scan# 1521
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion: 129 Resp: 115954
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4





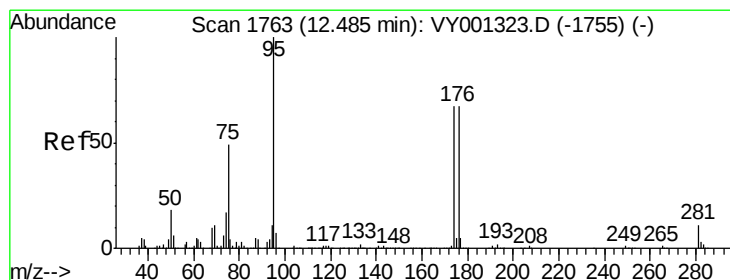
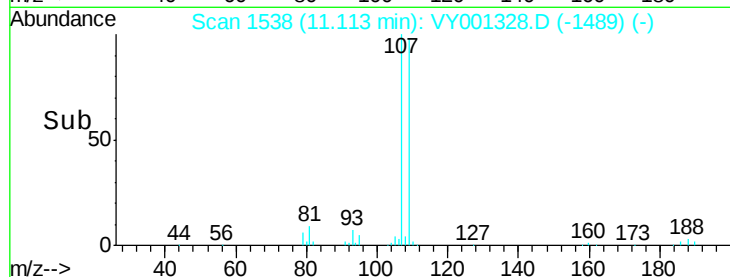
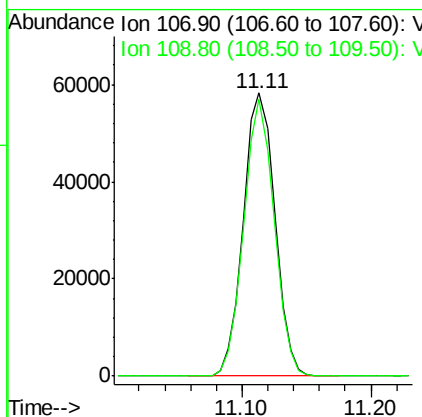
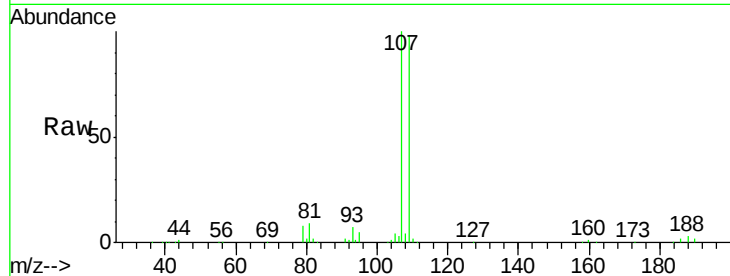
#61
1,2-Dibromoethane
Concen: 47.336 ug/l
RT: 11.11 min Scan# 1538
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.0	112.6

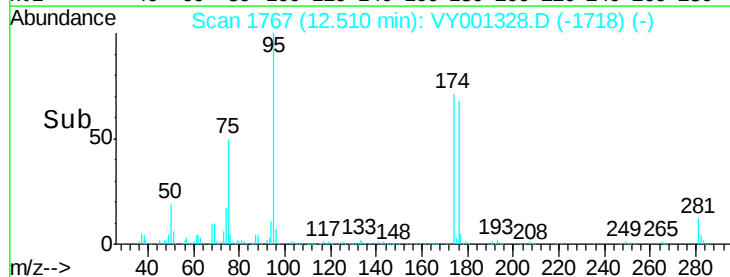
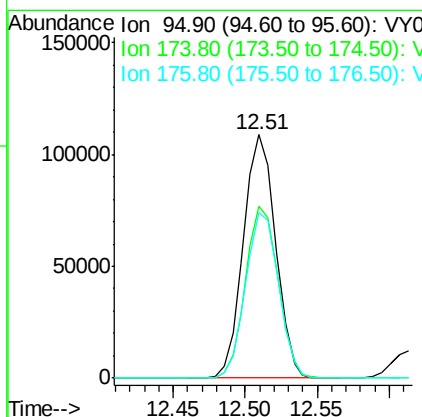
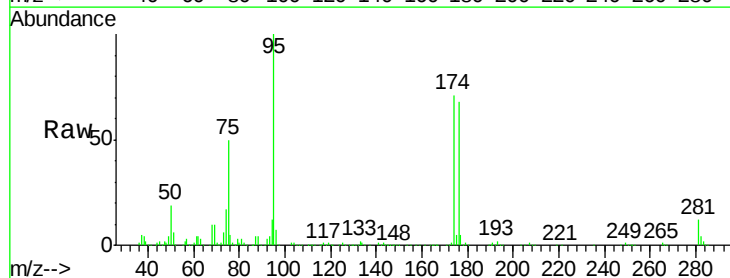
Manual Integrations
APPROVED

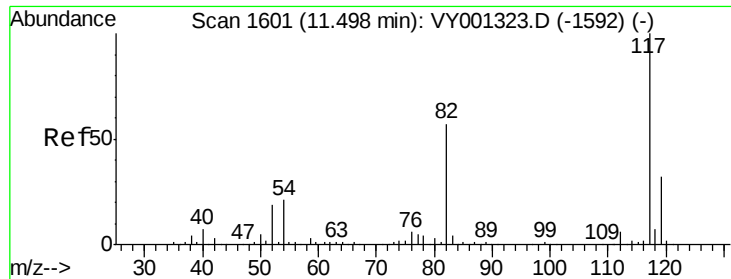
MMDadoda
1/23/2020 10:56:20 AM



#62
4-Bromofluorobenzene
Concen: 47.864 ug/l
RT: 12.51 min Scan# 1767
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	142.0
176	69.3	0.0	138.6





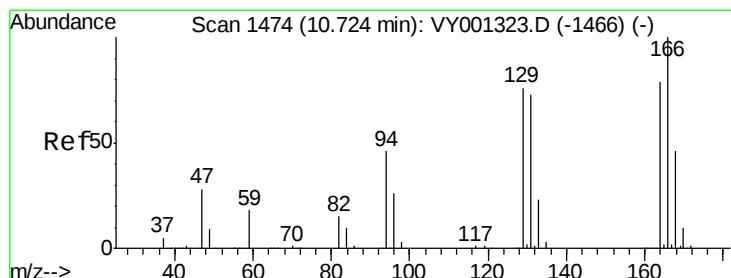
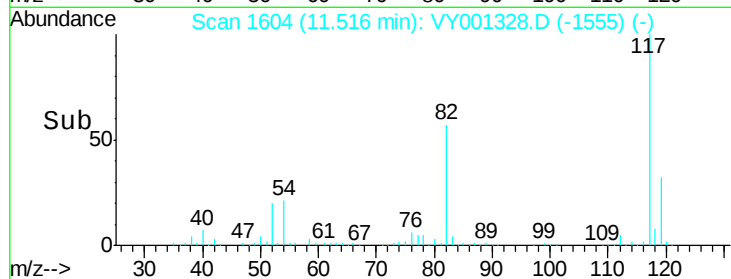
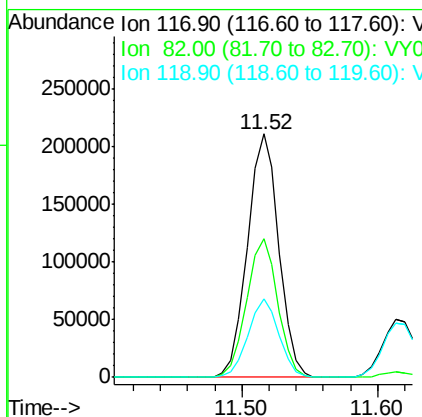
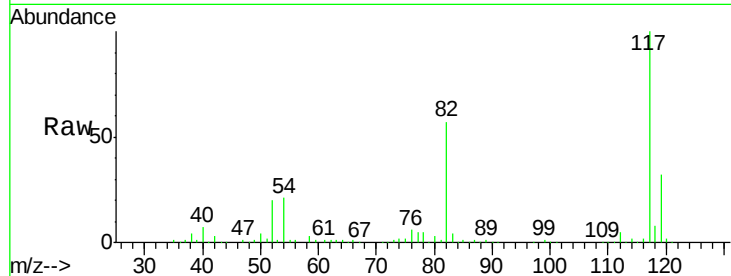
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.5	68.3
119	32.3	25.8	38.6

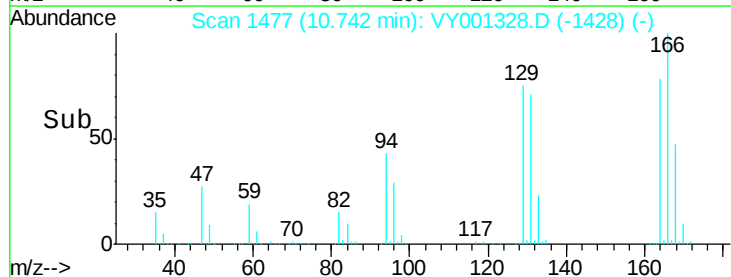
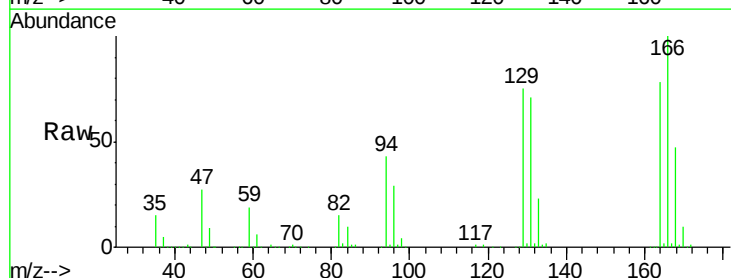
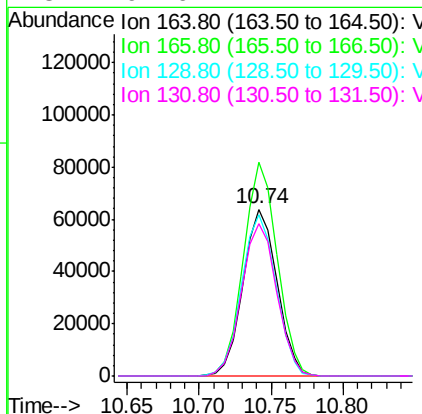
Manual Integrations
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#64
Tetrachloroethene
Concen: 48.158 ug/l
RT: 10.74 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	101.8	152.8
129	96.7	77.1	115.7
131	91.6	74.2	111.2





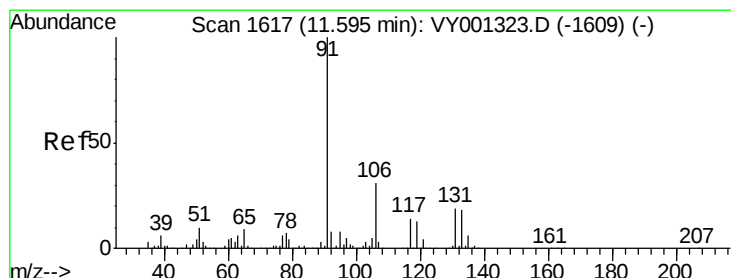
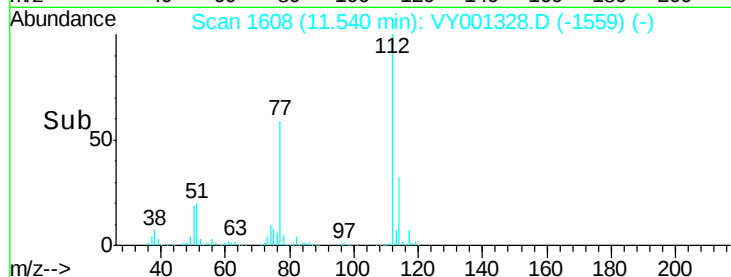
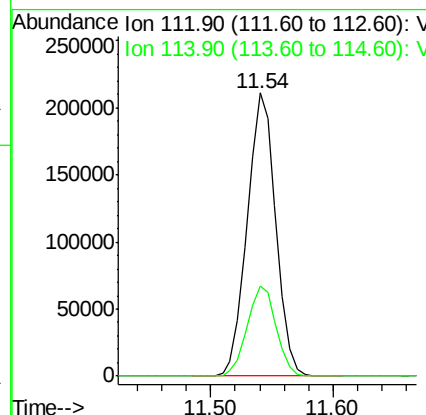
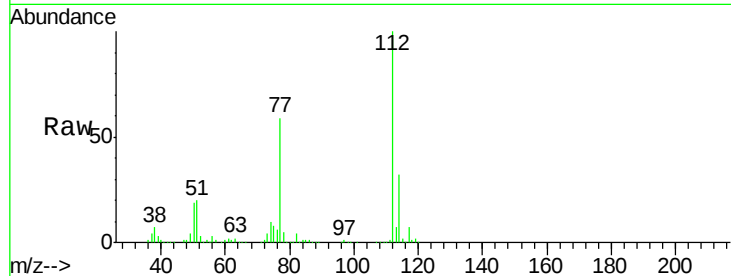
#65
Chlorobenzene
Concen: 47.669 ug/l
RT: 11.54 min Scan# 1608
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	340851		
114	31.7	25.8	38.6	

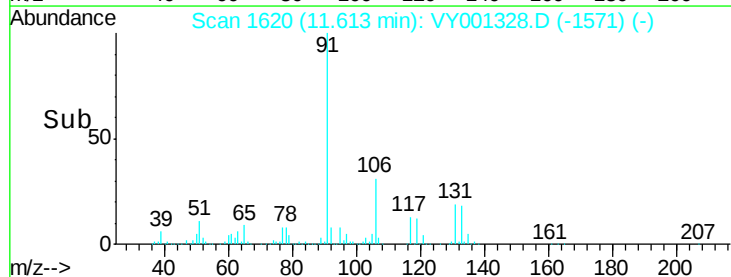
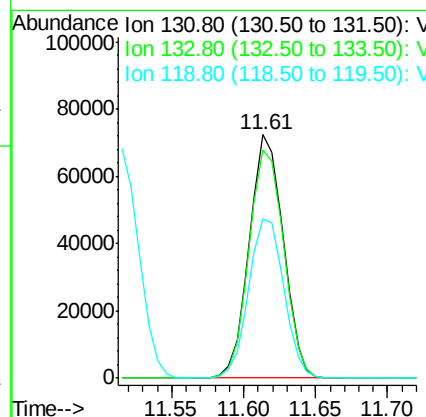
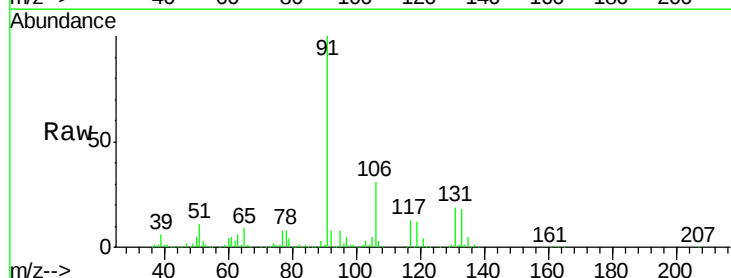
Manual Integrations
APPROVED

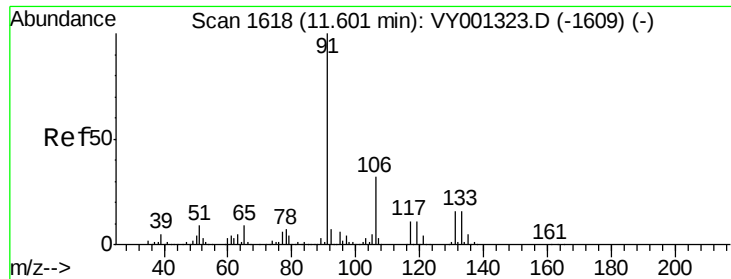
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.402 ug/l
RT: 11.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	118109		
133	96.3	47.1	141.3	
119	67.8	34.1	102.2	





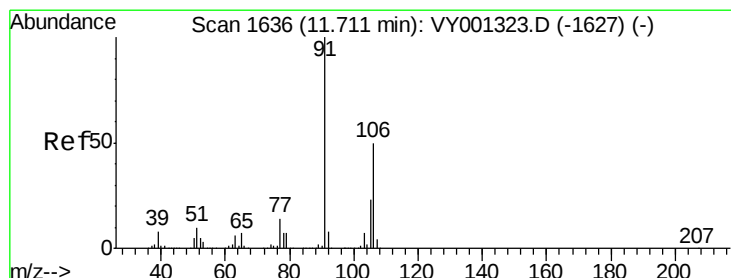
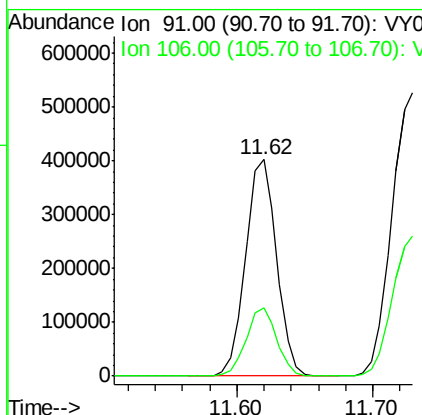
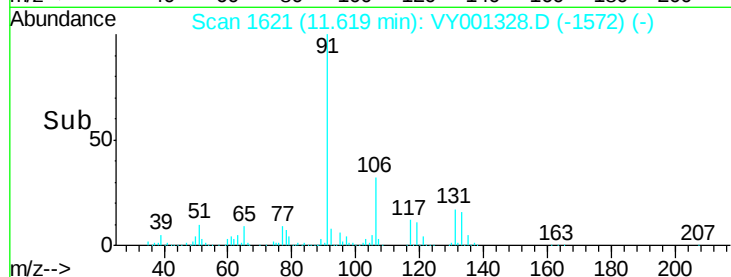
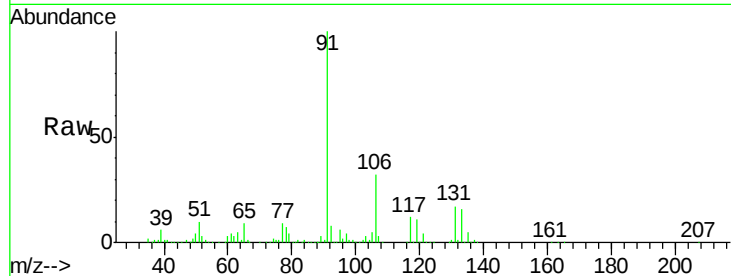
#67
Ethyl Benzene
Concen: 48.698 ug/l
RT: 11.62 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 641710
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.0

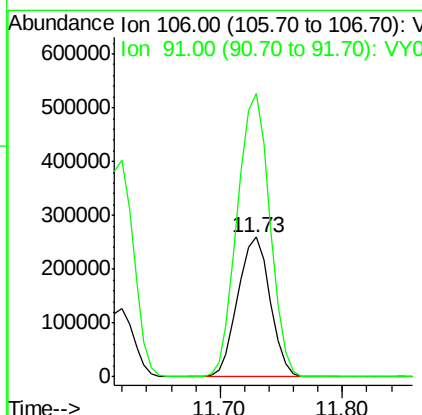
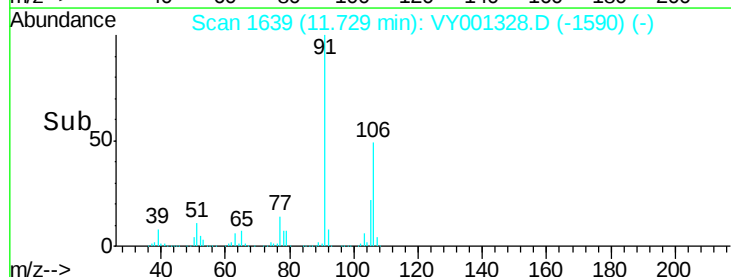
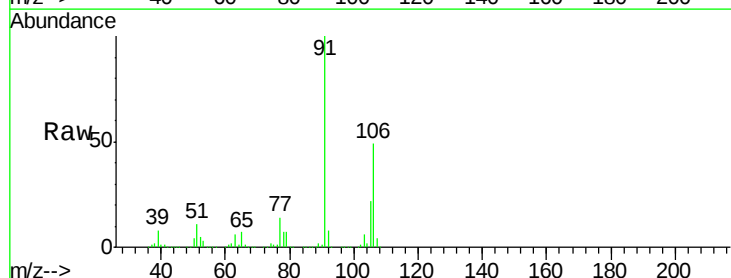
Manual Integrations
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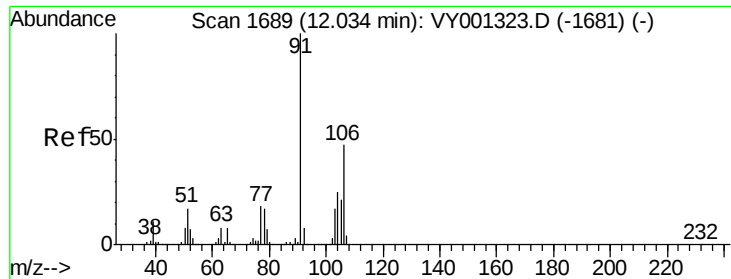
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#68
m/p-Xylenes
Concen: 97.184 ug/l
RT: 11.73 min Scan# 1639
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion: 106 Resp: 478299
Ion Ratio Lower Upper
106 100
91 203.6 162.8 244.2





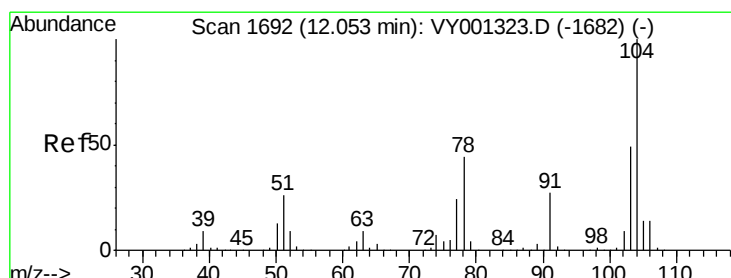
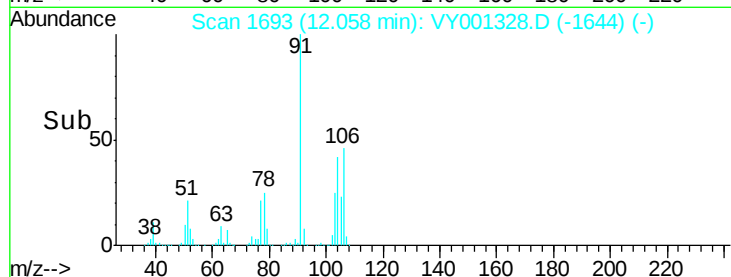
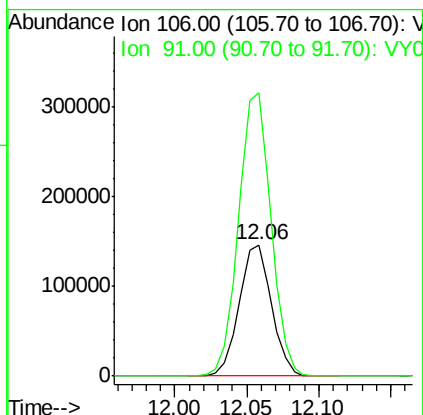
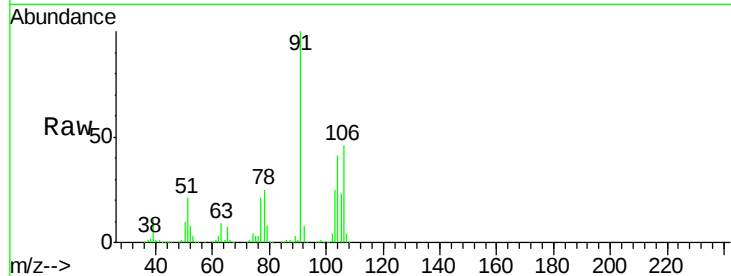
#69
o-Xylene
Concen: 47.851 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 226553
Ion Ratio Lower Upper
106 100
91 217.0 106.3 319.0

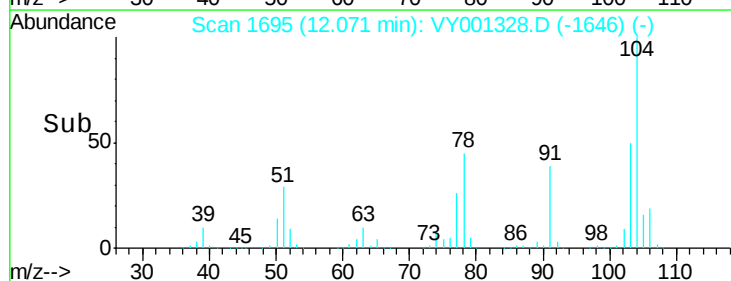
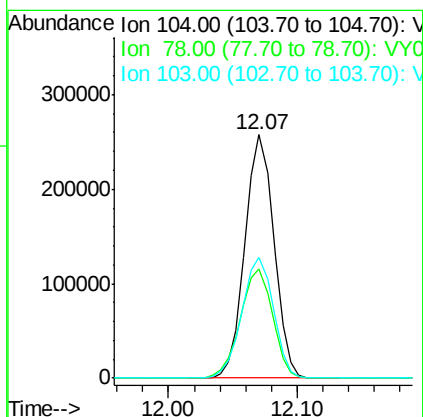
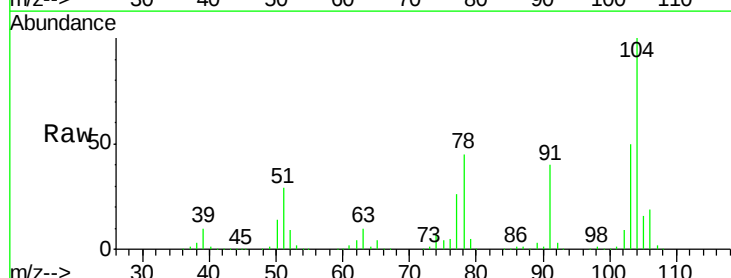
Manual Integrations
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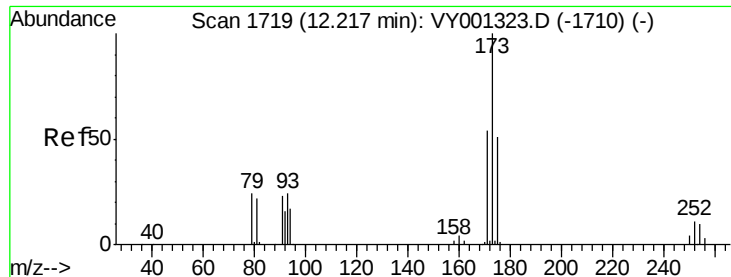
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#70
Styrene
Concen: 48.280 ug/l
RT: 12.07 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion:104 Resp: 401060
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.8
103 54.1 43.2 64.8





#71

Bromoform

Concen: 48.096 ug/l

RT: 12.24 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 70059

Ion Ratio Lower Upper

173 100

175 48.9 24.3 72.9

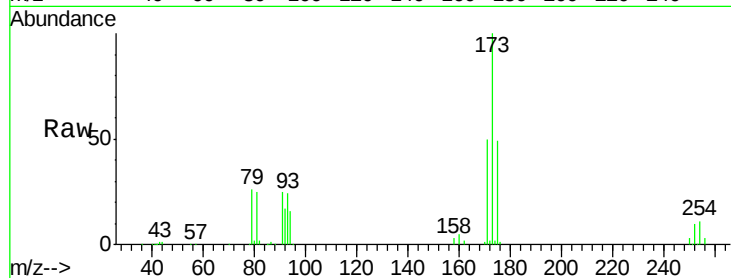
254 0.0 0.0 0.0

Manual Integrations

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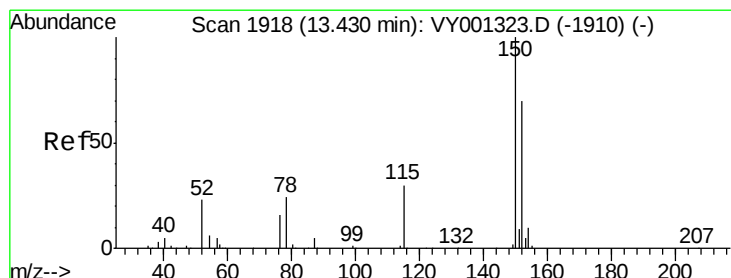
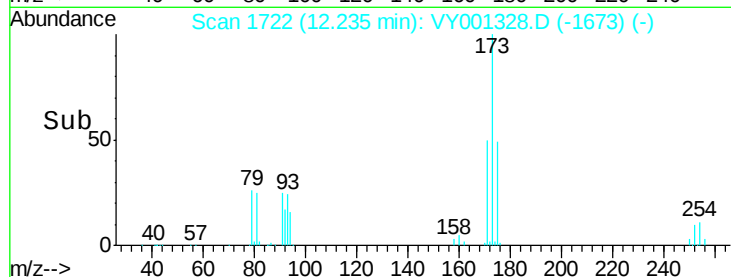
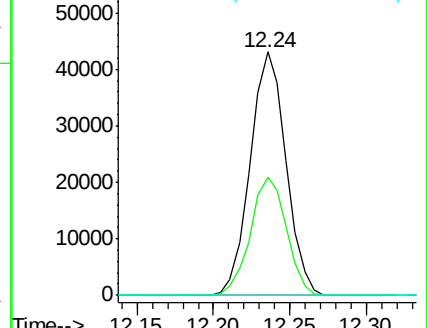
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.47 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

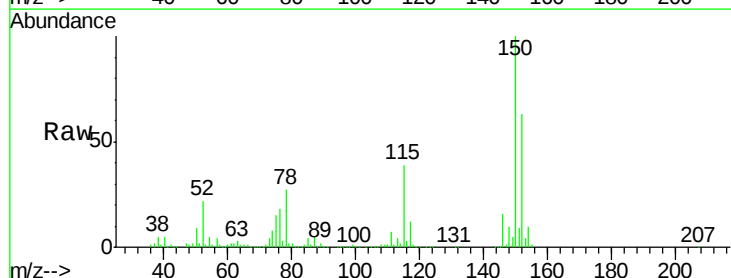
Tgt Ion:152 Resp: 159591

Ion Ratio Lower Upper

152 100

115 62.5 30.9 92.8

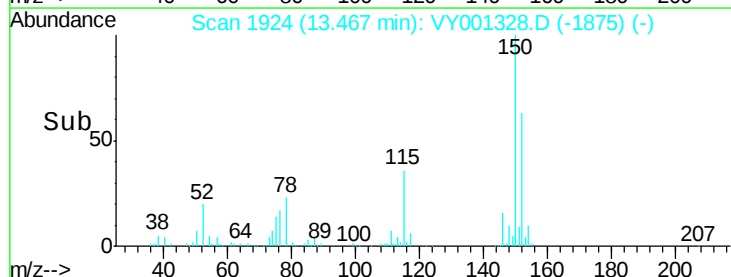
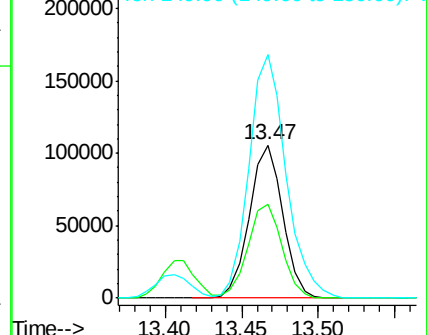
150 177.0 0.0 349.2

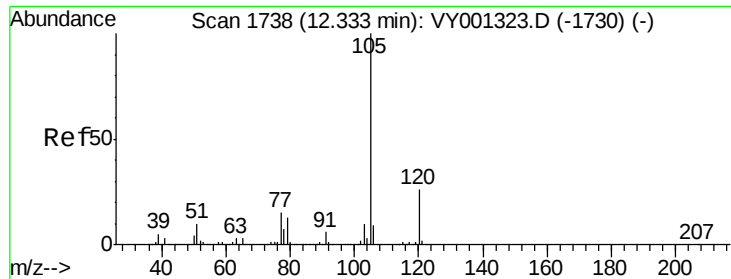


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





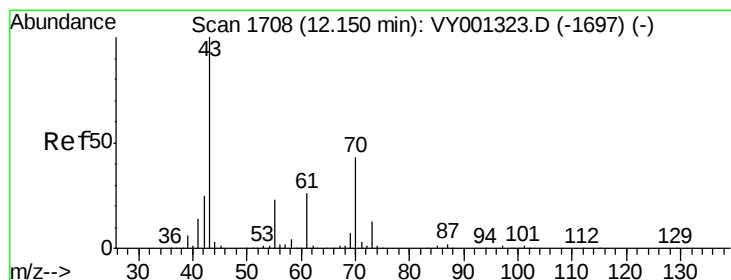
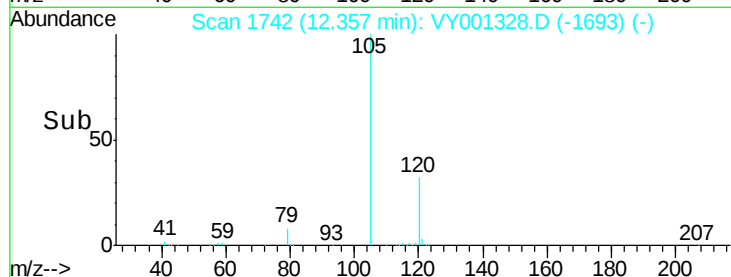
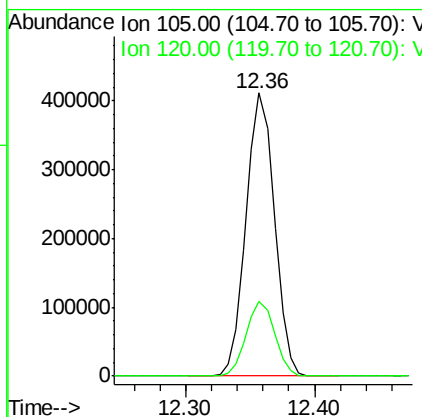
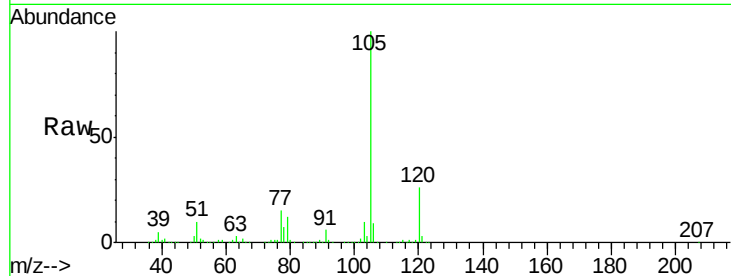
#73
Isopropylbenzene
Concen: 49.776 ug/l
RT: 12.36 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.5	40.4

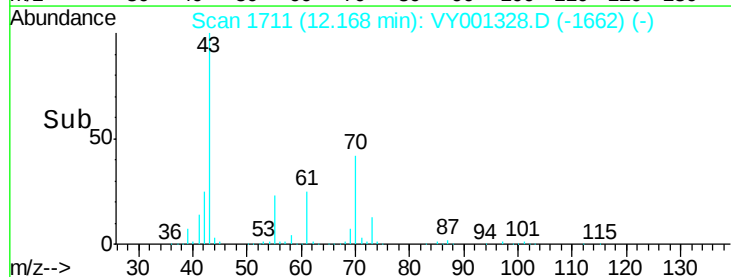
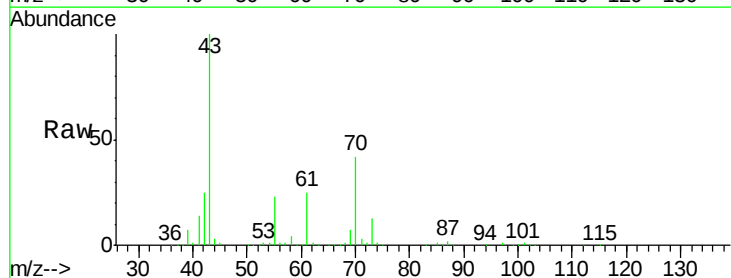
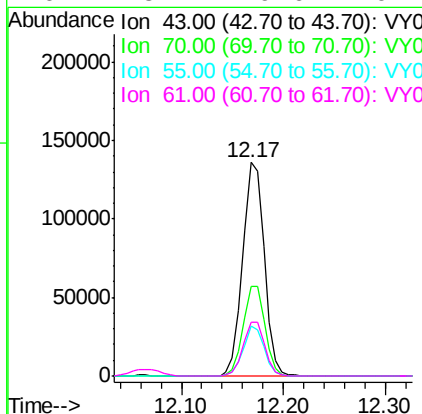
Manual Integrations
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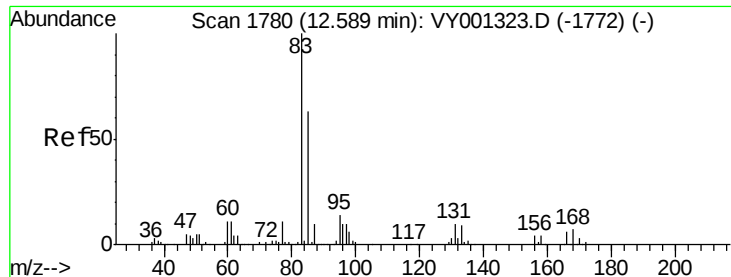
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#74
N-ethyl acetate
Concen: 48.499 ug/l
RT: 12.17 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.6	33.5	50.3
55	22.5	18.2	27.2
61	25.2	19.6	29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.961 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Instrument :

MSVOA_Y

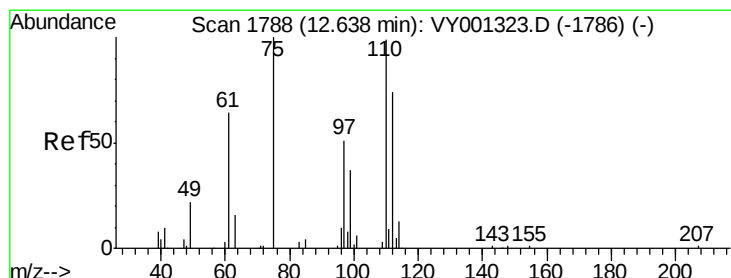
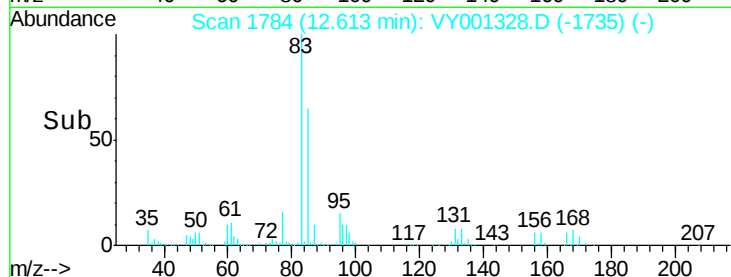
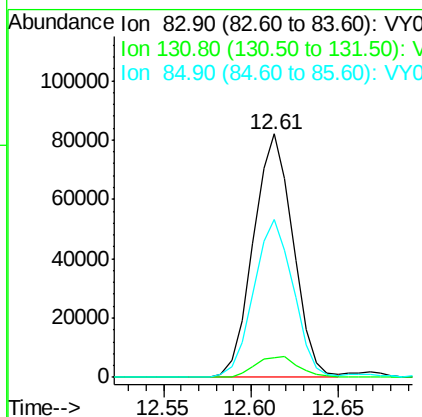
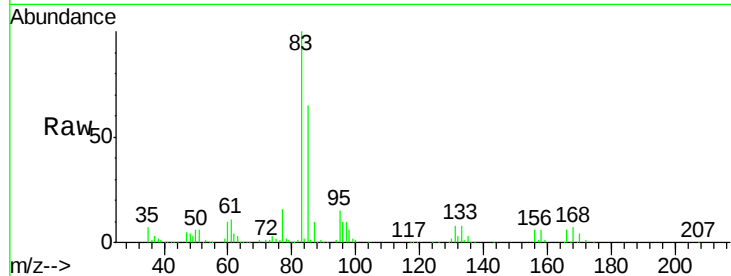
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	129350
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.6
85	64.7	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.691 ug/l m

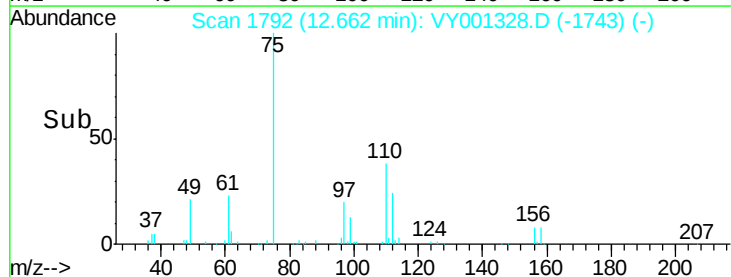
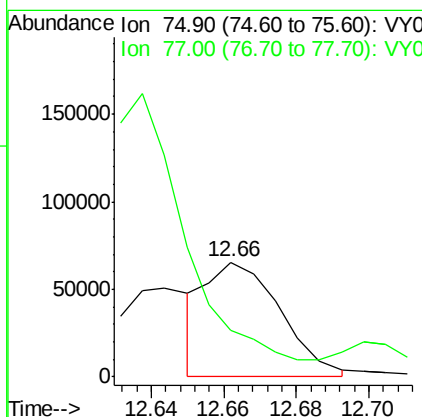
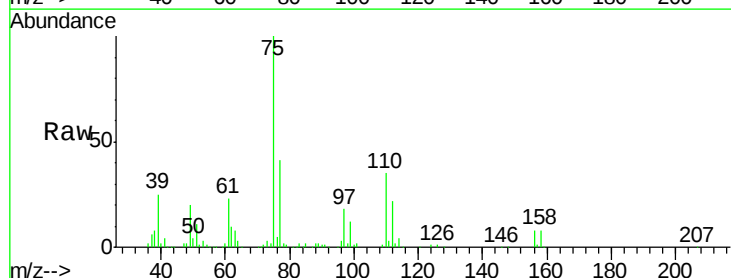
RT: 12.66 min Scan# 1792

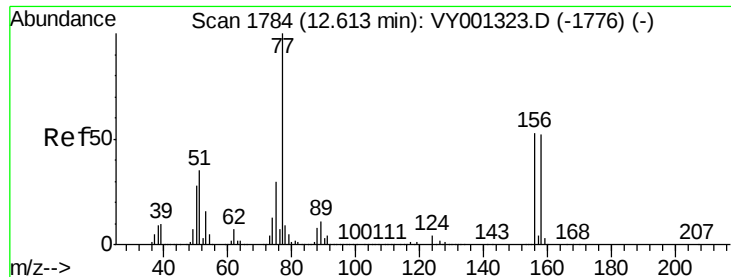
Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Tgt Ion:	75	Resp:	93636
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.807 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Instrument :

MSVOA_Y

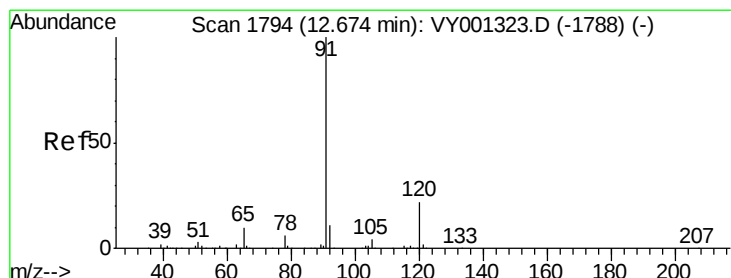
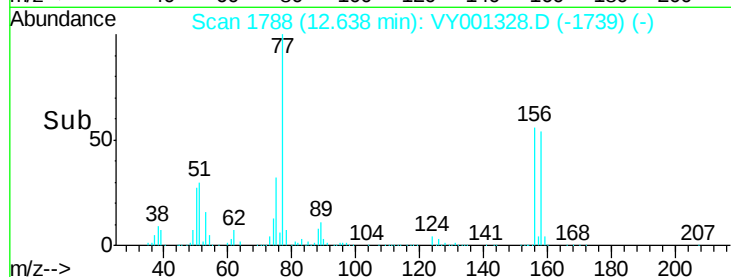
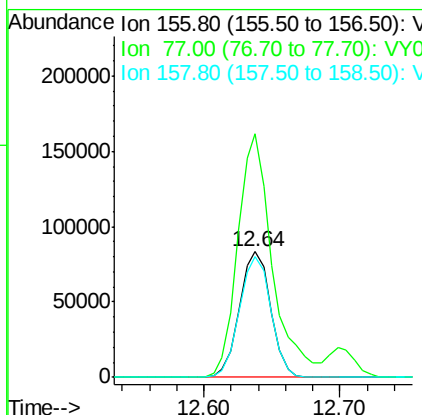
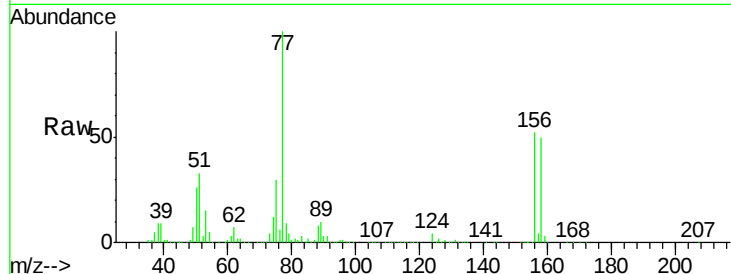
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	213.1	104.7	313.9		
158	96.9	48.6	145.8		

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#78

n-propylbenzene

Concen: 50.336 ug/l

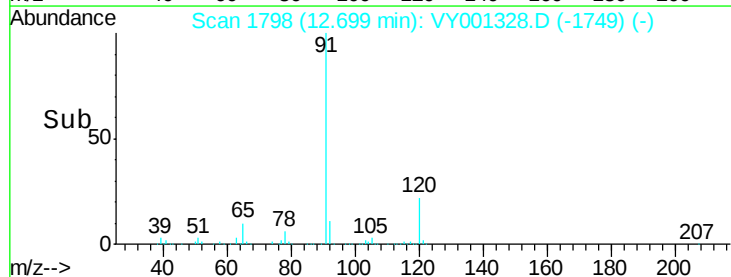
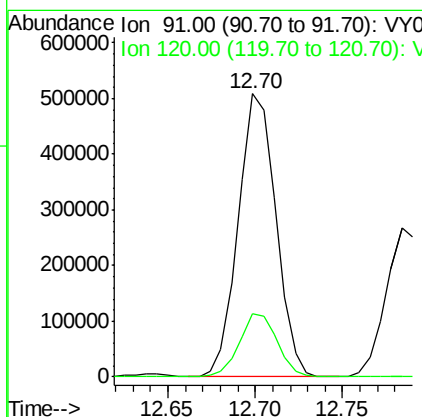
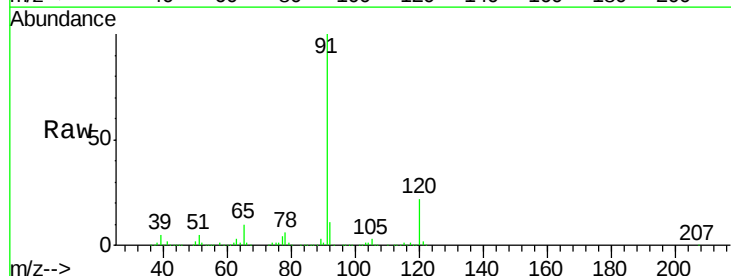
RT: 12.70 min Scan# 1798

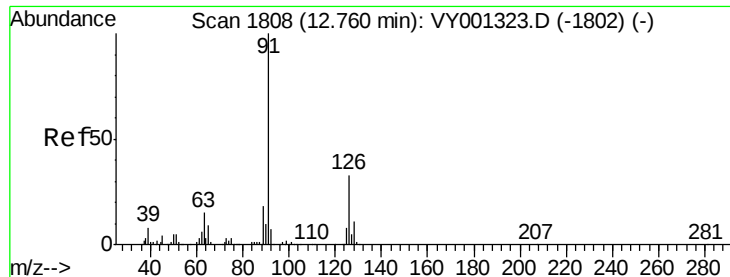
Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	22.2	11.3	33.8		





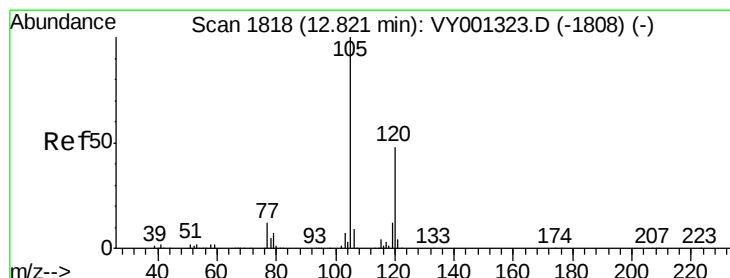
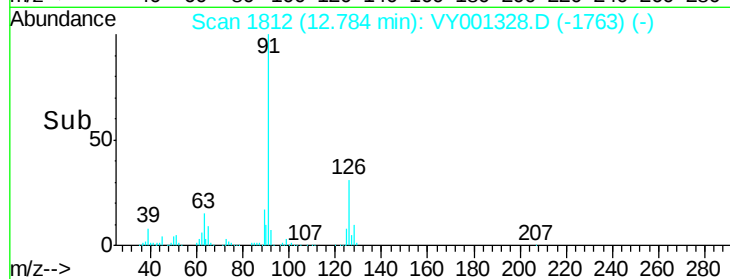
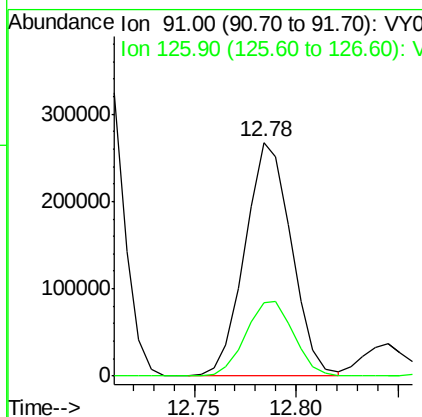
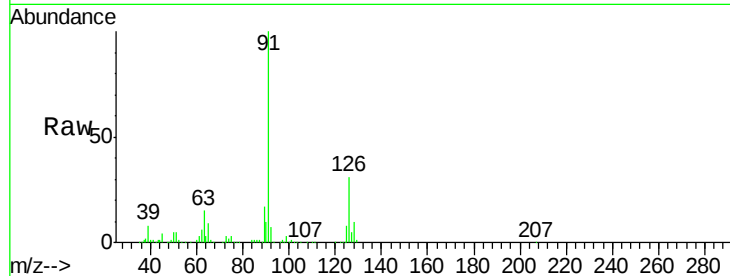
#79
2-Chlorotoluene
Concen: 49.046 ug/l
RT: 12.78 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 424697
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.7

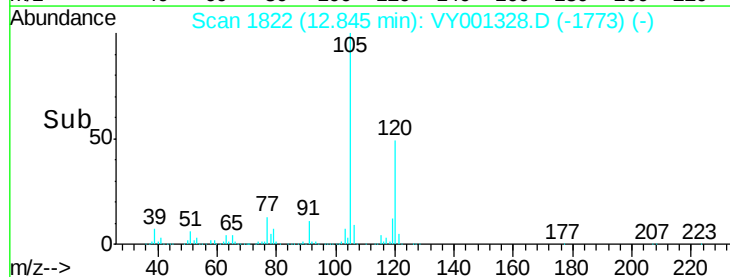
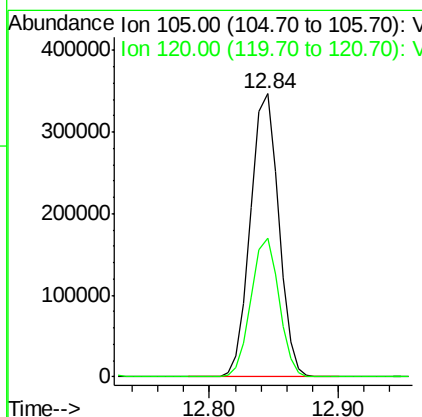
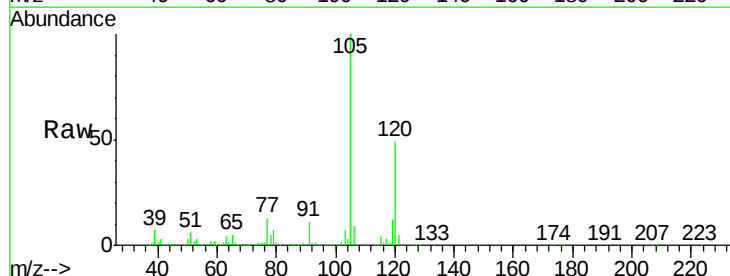
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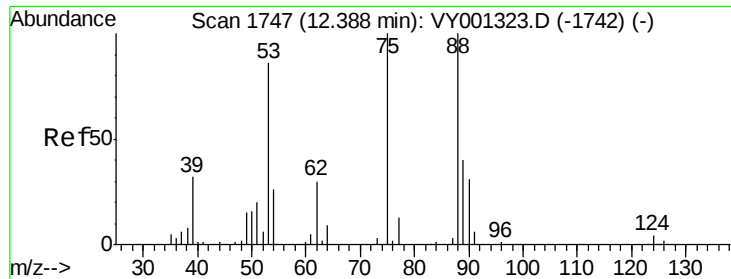
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#80
1,3,5-Trimethylbenzene
Concen: 49.668 ug/l
RT: 12.84 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion: 105 Resp: 522099
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 50.767 ug/l

RT: 12.41 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Instrument :

MSVOA_Y

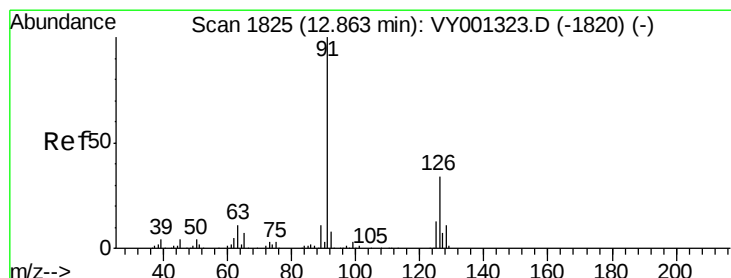
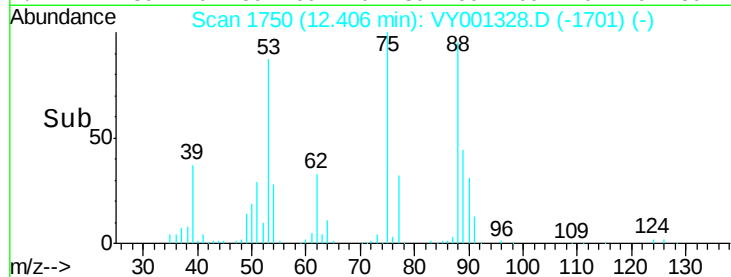
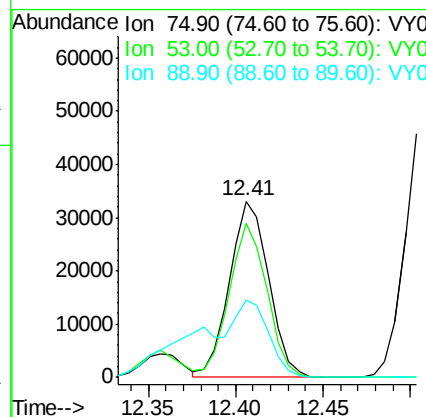
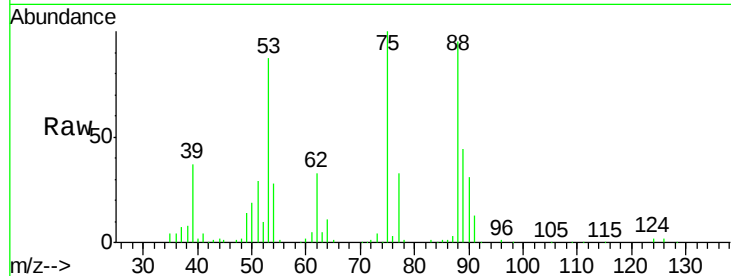
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	51590
Ion	Ratio	Lower	Upper
75	100		
53	84.7	69.9	104.9
89	38.3	36.6	54.8

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#82

4-Chlorotoluene

Concen: 48.951 ug/l

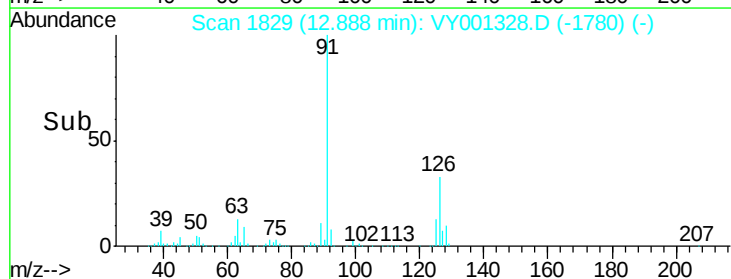
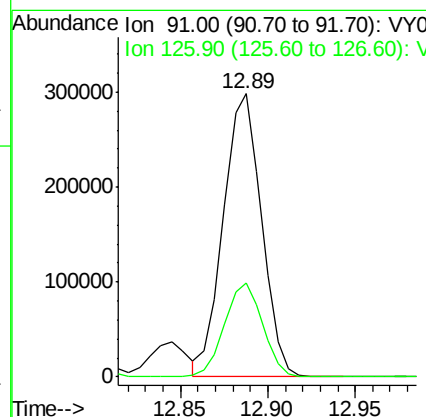
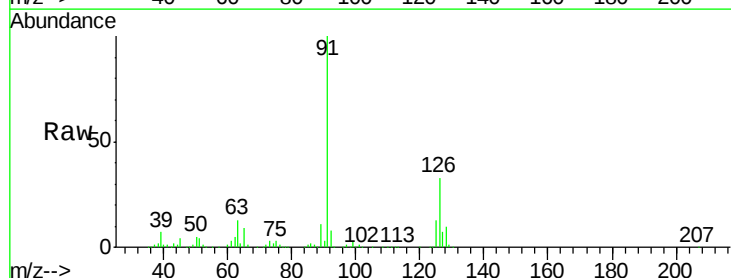
RT: 12.89 min Scan# 1829

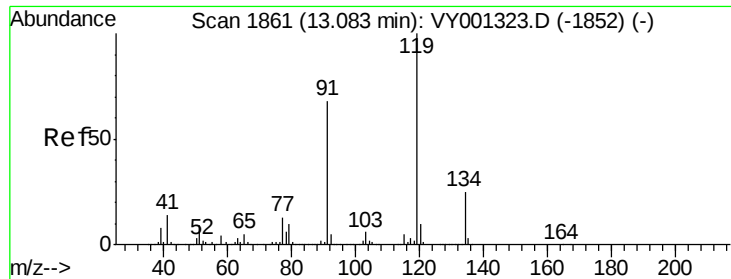
Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Tgt Ion:	91	Resp:	452776
Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4





#83

tert-Butylbenzene

Concen: 48.922 ug/l

RT: 13.11 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

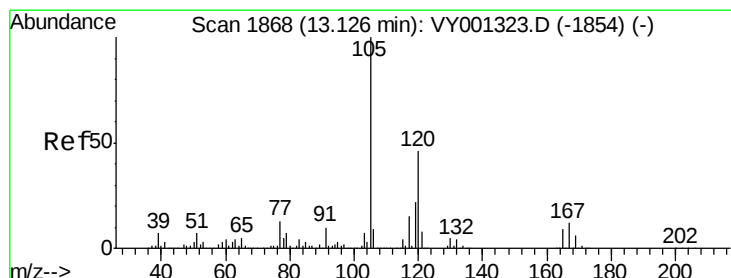
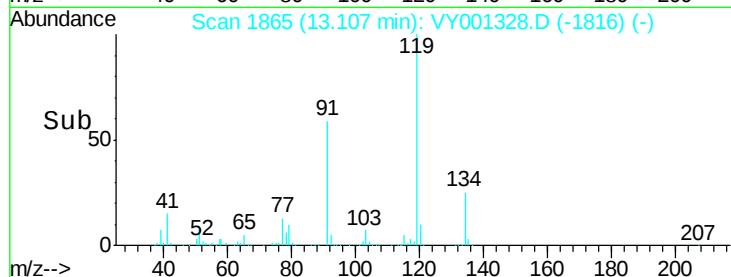
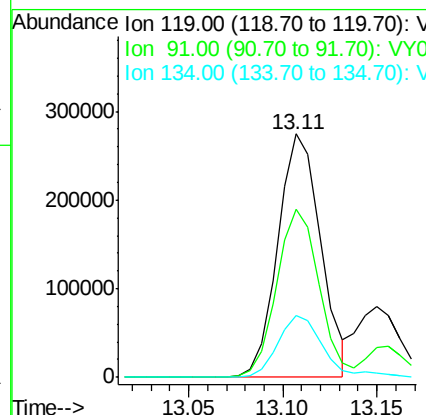
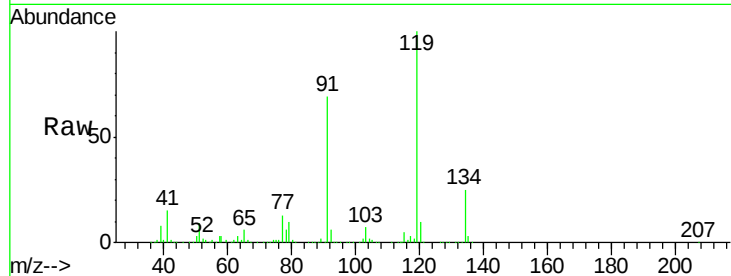
Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	433477		
91	68.4		33.0	99.0
134	27.0		13.3	39.9

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#84

1,2,4-Trimethylbenzene

Concen: 48.709 ug/l

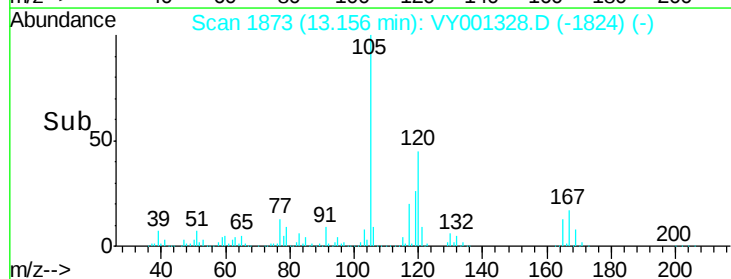
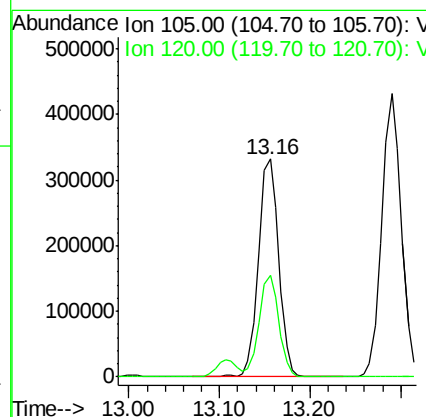
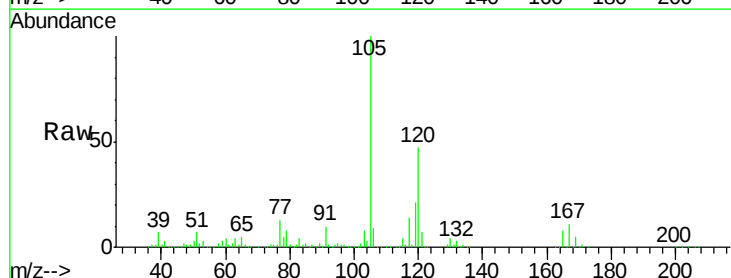
RT: 13.16 min Scan# 1873

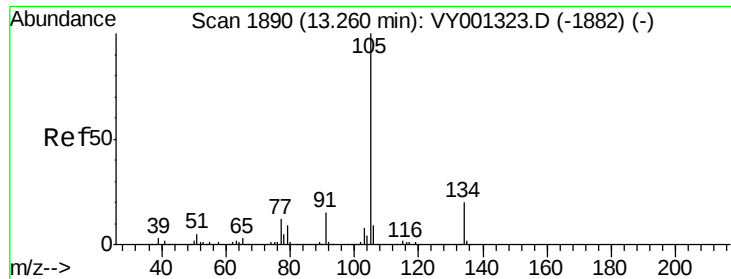
Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	514051		
120	45.4		22.4	67.3





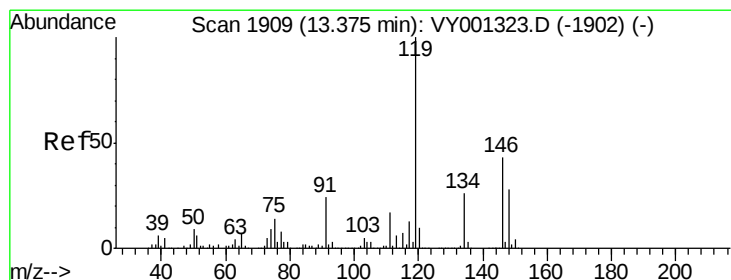
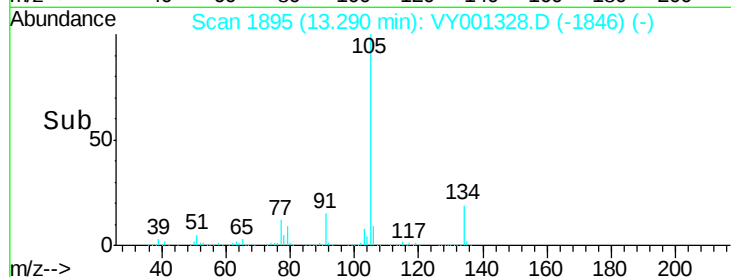
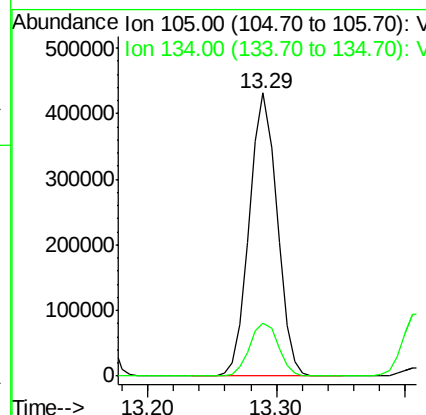
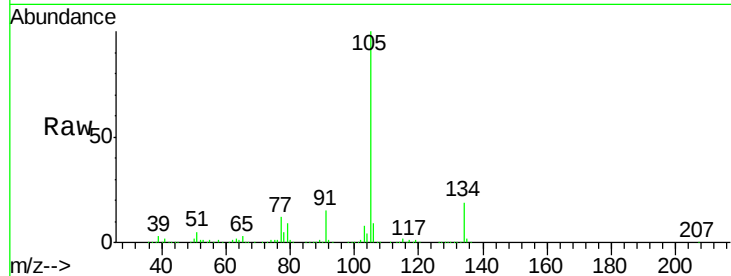
#85
 sec-Butylbenzene
 Concen: 50.928 ug/l
 RT: 13.29 min Scan# 1895
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.4

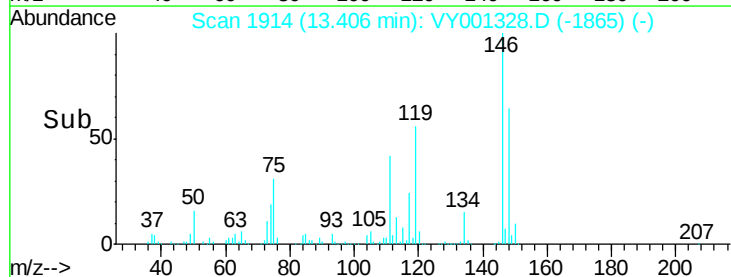
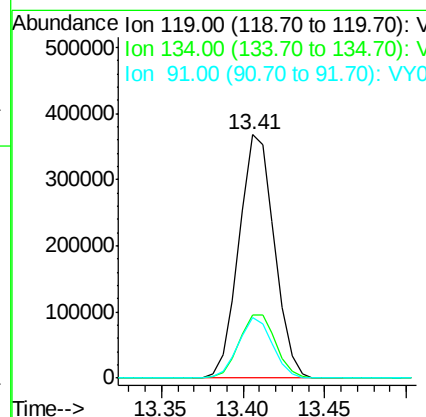
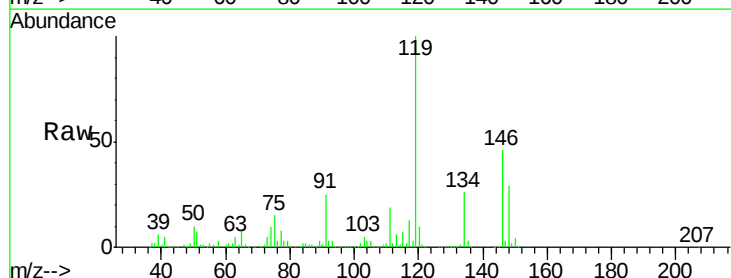
Manual Integrations
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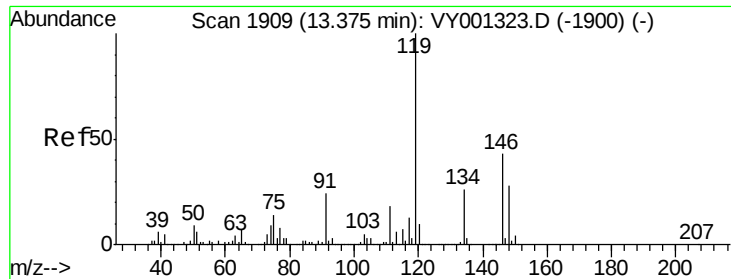
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#86
 p-Isopropyltoluene
 Concen: 50.163 ug/l
 RT: 13.41 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.5	40.4
91	23.9	12.2	36.6





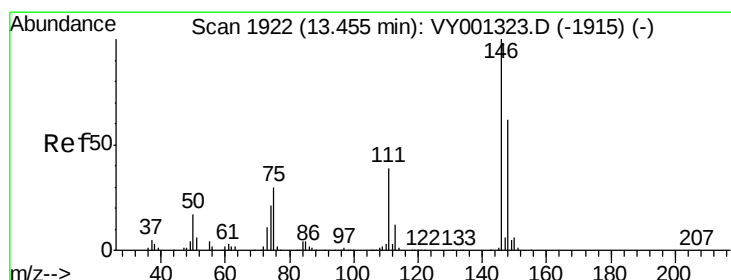
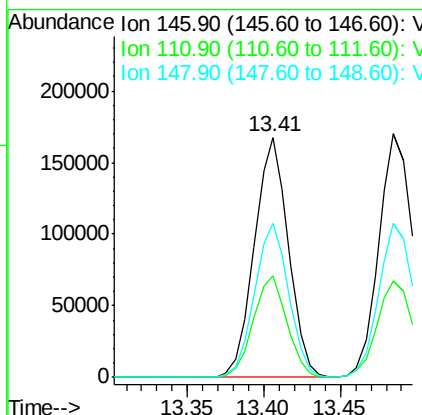
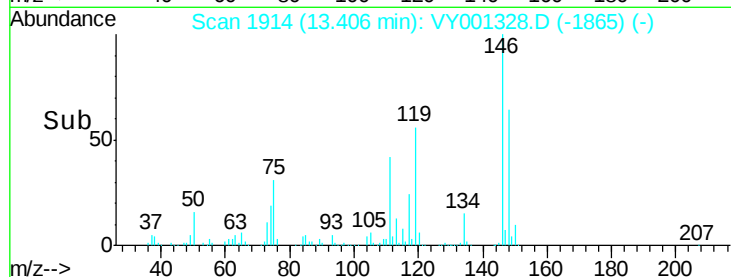
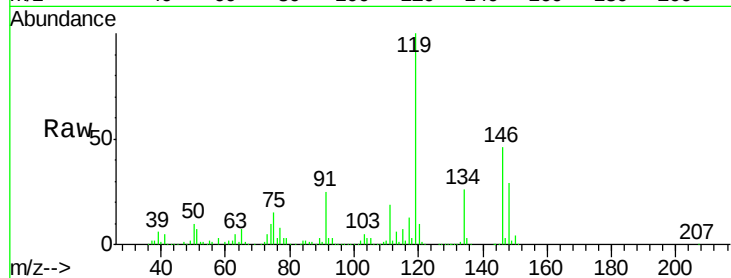
#87
 1,3-Dichlorobenzene
 Concen: 48.249 ug/l
 RT: 13.41 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	259182		
111	42.1	20.6	61.8	
148	64.5	31.6	95.0	

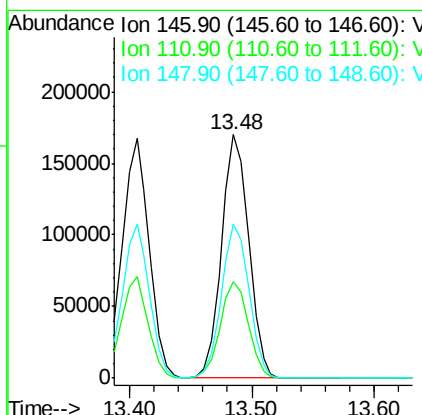
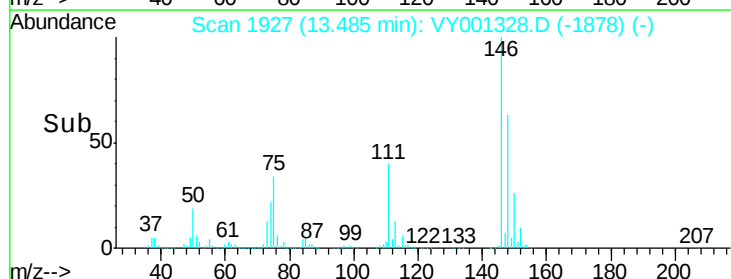
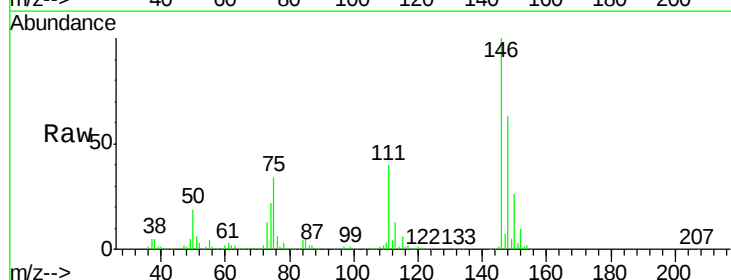
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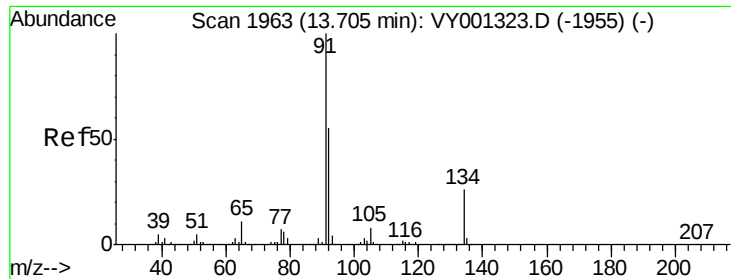
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#88
 1,4-Dichlorobenzene
 Concen: 48.114 ug/l
 RT: 13.48 min Scan# 1927
 Delta R.T. 0.00 min
 Lab File: VY001328.D
 Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	262429		
111	41.2	20.5	61.5	
148	63.7	31.6	95.0	





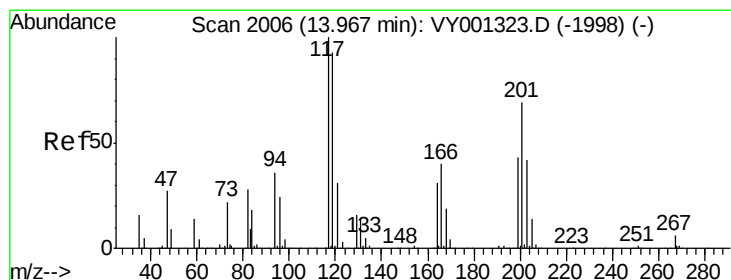
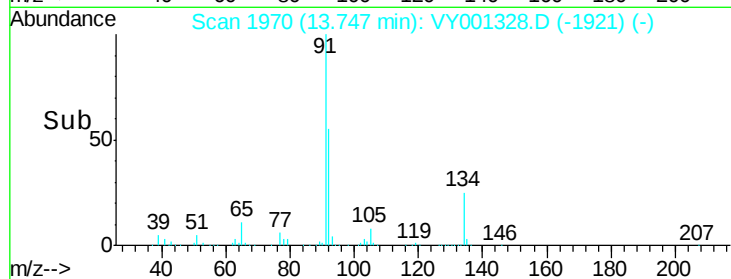
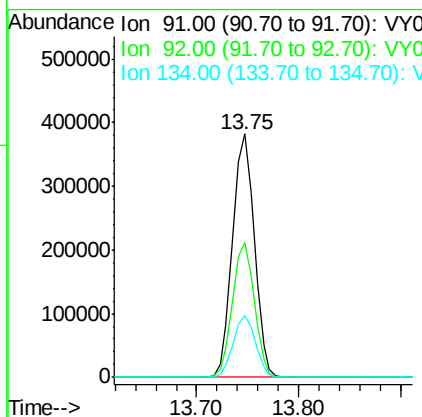
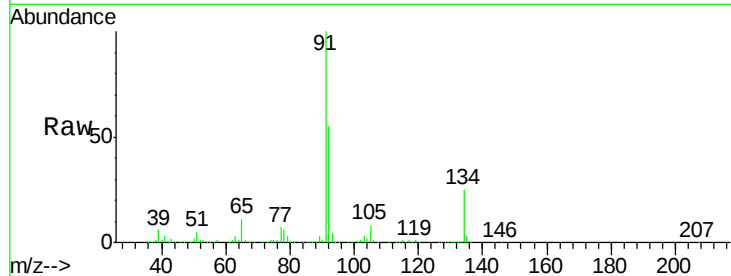
#89
n-Butylbenzene
Concen: 50.412 ug/l
RT: 13.75 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.6	82.8
134	25.6	12.9	38.6

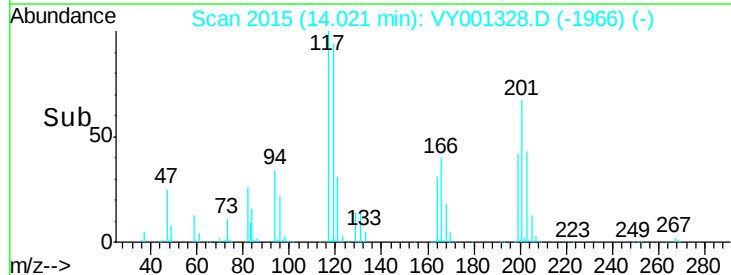
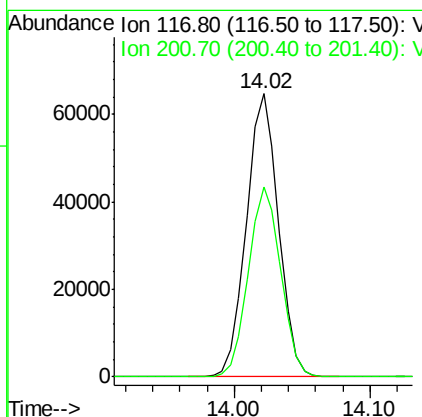
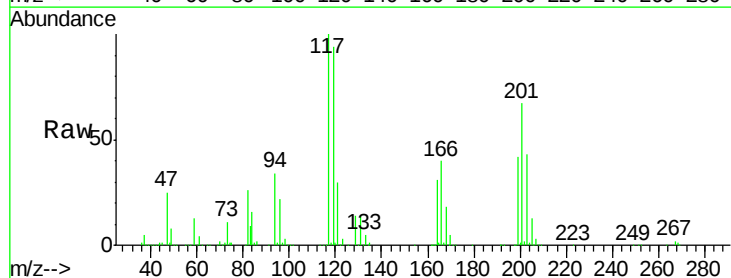
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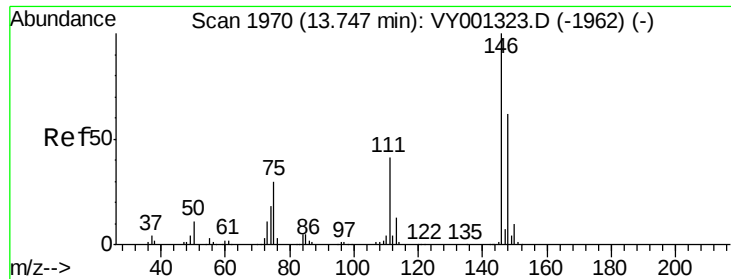
MMDadoda
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#90
Hexachloroethane
Concen: 50.802 ug/l
RT: 14.02 min Scan# 2015
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.0	34.6	103.8





#91

1,2-Dichlorobenzene

Concen: 48.369 ug/l

RT: 13.79 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Instrument :

MSVOA_Y

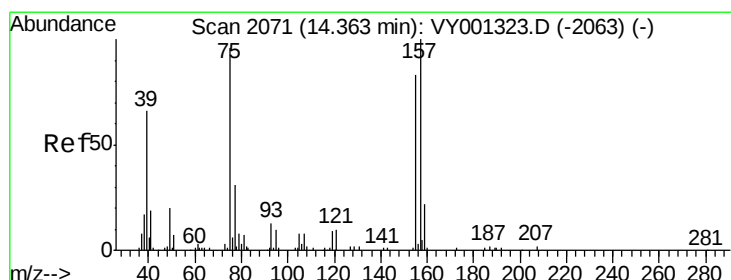
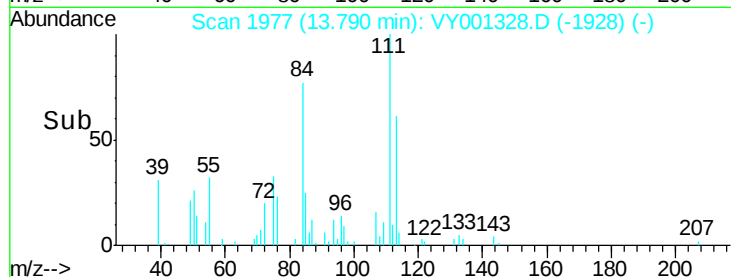
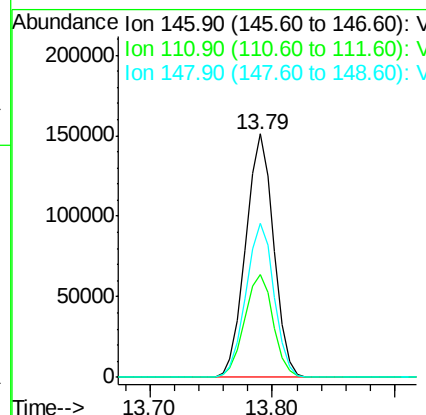
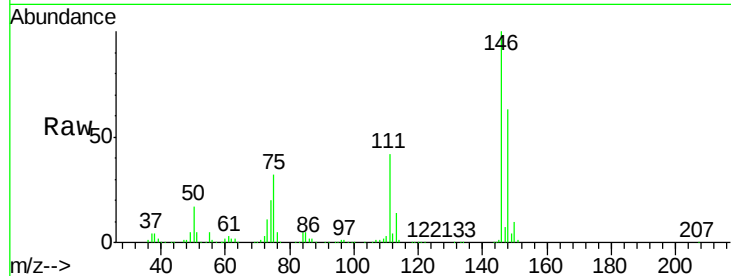
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	239626
Ion Ratio	Lower	Upper	
146	100		
111	43.2	21.1	63.4
148	63.6	31.5	94.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.539 ug/l

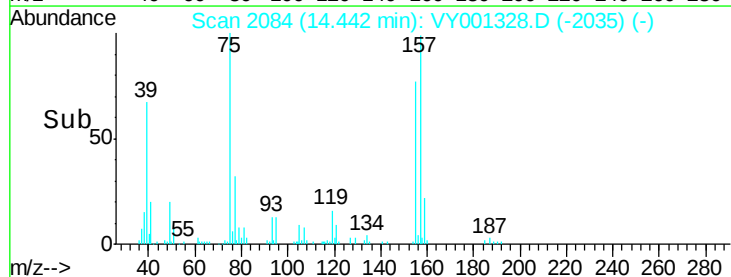
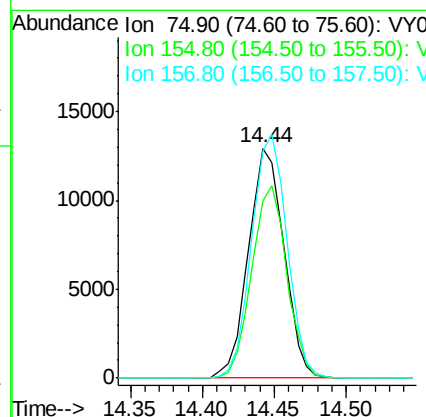
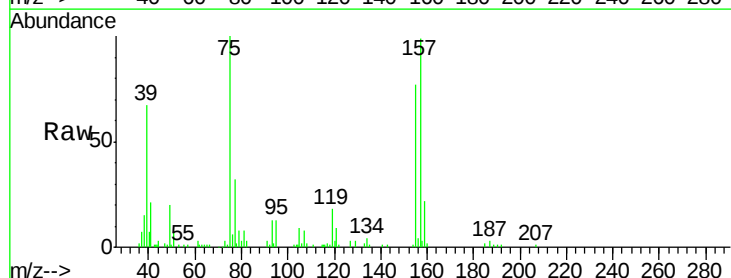
RT: 14.44 min Scan# 2084

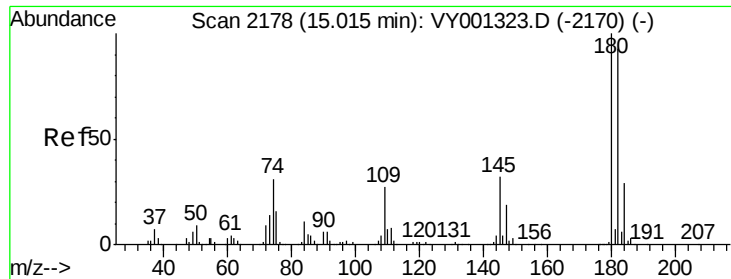
Delta R.T. 0.00 min

Lab File: VY001328.D

Acq: 22 Jan 2020 13:52

Tgt Ion:	75	Resp:	22124
Ion Ratio	Lower	Upper	
75	100		
155	81.9	43.0	129.2
157	104.8	53.3	160.0





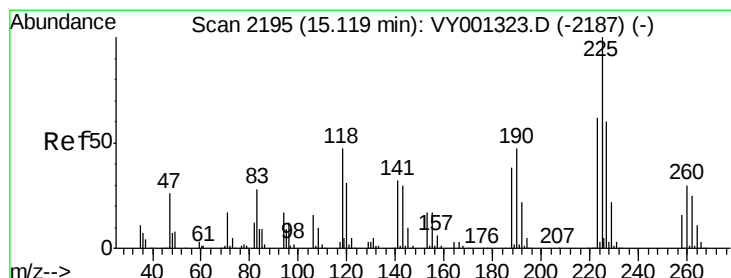
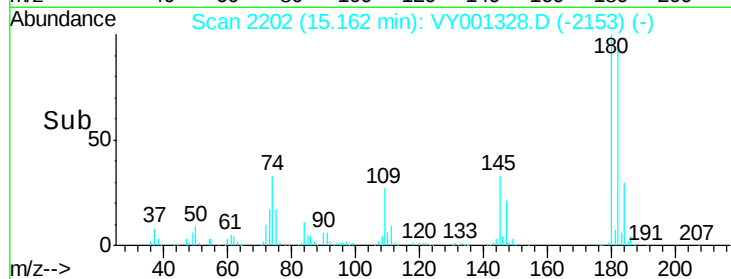
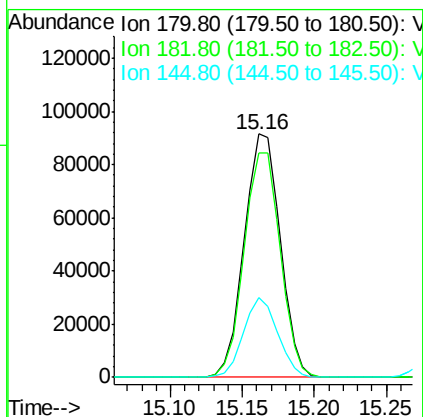
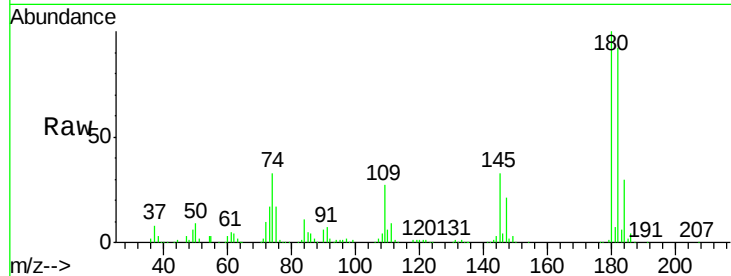
#93
1,2,4-Trichlorobenzene
Concen: 47.572 ug/l
RT: 15.16 min Scan# 2202
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	158176		
182	93.0	47.6	142.8	
145	31.2	16.3	48.9	

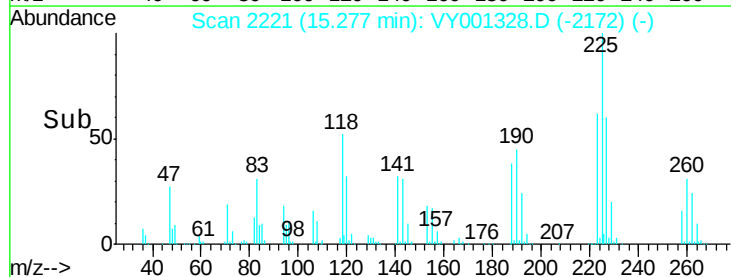
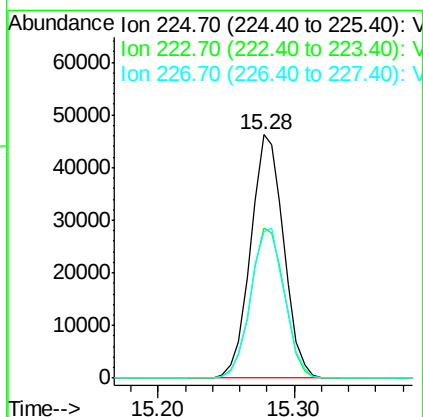
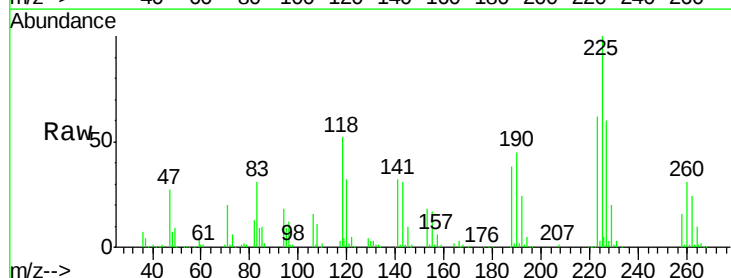
Manual Integrations
APPROVED

MMDadoda
1/23/2020 10:56:20 AM



#94
Hexachlorobutadiene
Concen: 48.674 ug/l
RT: 15.28 min Scan# 2221
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	78803		
223	62.6	31.2	93.6	
227	63.0	31.0	93.0	





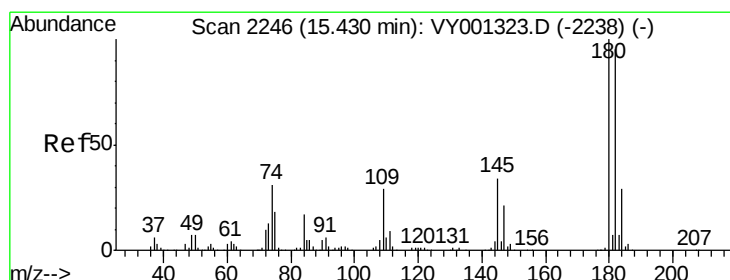
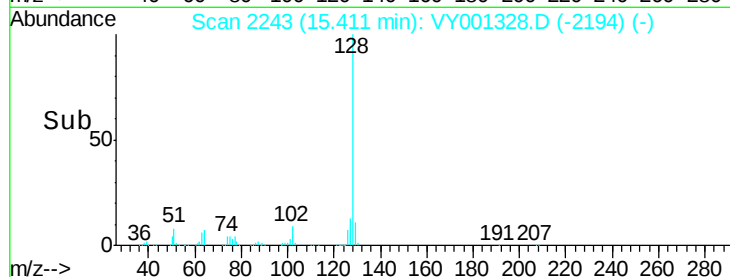
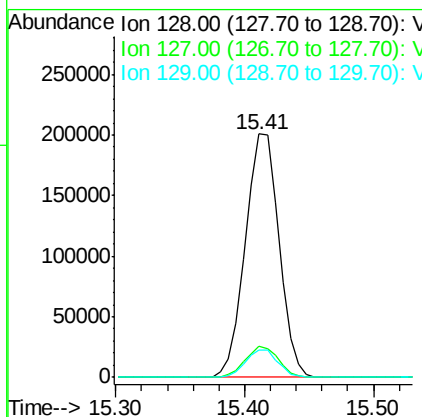
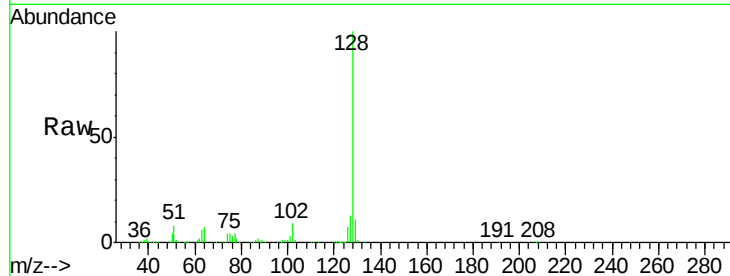
#95
Naphthalene
Concen: 47.689 ug/l
RT: 15.41 min Scan# 2243
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/23/2020 10:56:20 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.984 ug/l
RT: 15.62 min Scan# 2277
Delta R.T. 0.00 min
Lab File: VY001328.D
Acq: 22 Jan 2020 13:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.8
145	33.2	16.8	50.3

