

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
 Data File : VX001309.D
 Acq On : 02 May 2018 10:06
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 5/3/2018 12:21:15 PM

Quant Time: May 03 05:07:32 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	32147	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	172808	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	164215	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	66964	28.88	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.27%
60) 4-Bromofluorobenzene	11.14	95	78002	28.35	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.50%
63) Toluene-d8	8.72	98	210601	29.91	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.70%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	36531	17.33	ug/l	99
3) Chloromethane	1.32	50	34485	17.53	ug/l	99
4) Vinyl Chloride	1.40	62	35974	17.43	ug/l	98
5) Bromomethane	1.64	94	25775	16.54	ug/l	96
6) Chloroethane	1.73	64	21937	17.38	ug/l	97
7) Trichlorofluoromethane	1.93	101	61784	18.03	ug/l	99
8) Diethyl Ether	2.19	74	21092	17.72	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36425	18.74	ug/l	91
10) 1,1-Dichloroethene	2.38	96	31230	17.74	ug/l	96
11) Methyl Iodide	2.51	142	47199	22.04	ug/l	94
12) Methyl Acetate	2.78	43	45251	19.55	ug/l	100
13) Acrolein	2.29	56	13843	50.14	ug/l	98
14) Acrylonitrile	3.15	53	84923	92.17	ug/l	98
15) Acetone	2.45	58	25666	89.52	ug/l	82
16) Carbon Disulfide	2.57	76	72843	15.55	ug/l	98
17) Allyl chloride	2.73	41	53976	17.27	ug/l	97
18) Methylene Chloride	2.86	84	34428	17.94	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	32674	17.21	ug/l	96
20) Diisopropyl ether	3.87	45	103910	16.90	ug/l	99
21) 1,1-Dichloroethane	3.70	63	60300	18.25	ug/l	97
22) cis-1,2-Dichloroethene	4.60	96	36427	17.18	ug/l	98
23) tert-Butyl Alcohol	3.07	59	37949	100.78	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	106438	17.63	ug/l	97
25) Chloroform	5.22	83	60952	16.94	ug/l	97
26) Cyclohexane	5.58	56	49484	16.47	ug/l #	96
29) 1,1-Dichloropropene	5.81	75	44053	17.21	ug/l	99
30) 2-Butanone	4.71	43	117360	89.45	ug/l	98
31) 2,2-Dichloropropane	4.59	77	45268	16.20	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	52107	16.82	ug/l	98
33) Carbon Tetrachloride	5.79	117	46556	16.67	ug/l	96
34) Benzene	6.15	78	130865	17.25	ug/l #	92
35) Methacrylonitrile	5.06	41	25711	17.66	ug/l	94
36) 1,2-Dichloroethane	6.20	62	50597	17.38	ug/l	100
37) Trichloroethene	7.22	130	40679	17.68	ug/l	93
38) Methylcyclohexane	7.46	83	52390	17.39	ug/l	96
39) 1,2-Dichloropropane	7.52	63	33499	17.41	ug/l	100
40) Dibromomethane	7.67	93	23974	17.71	ug/l	87

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Quant Time: May 03 05:07:32 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	41809	16.35	ug/l #	97
42) Vinyl Acetate	3.83	43	448829	86.97	ug/l	98
43) Ethyl Acetate	4.87	43	43871	17.36	ug/l	96
44) Isopropyl Acetate	6.47	43	70383	16.37	ug/l	99
45) 1,4-Dioxane	7.76	88	16014	409.81	ug/l	98
46) Methyl methacrylate	7.78	41	37090	16.58	ug/l	93
47) n-amyl Acetate	10.90	43	63826	15.47	ug/l	96
48) t-1,3-Dichloropropene	8.44	75	48745	16.19	ug/l	98
49) cis-1,3-Dichloropropene	9.05	75	42553	14.76	ug/l	94
50) 1,1,2-Trichloroethane	9.22	97	35926	17.87	ug/l	99
51) Ethyl methacrylate	9.19	69	47612	16.62	ug/l	97
52) 1,3-Dichloropropane	9.38	76	57314	17.64	ug/l	99
53) Dibromochloromethane	9.59	129	34950	15.75	ug/l	97
54) 1,2-Dibromoethane	9.68	107	37077	17.23	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	155876	111.10	ug/l	100
56) Bromoform	10.86	173	27565	15.18	ug/l #	98
58) 4-Methyl-2-Pentanone	8.65	43	239641	87.93	ug/l	98
59) 2-Hexanone	9.50	43	185261	87.24	ug/l	97
61) Tetrachloroethene	9.34	164	52006	20.67	ug/l	88
62) Toluene	8.79	91	151453	17.16	ug/l	100
64) Chlorobenzene	10.14	112	101478	17.04	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	35184	16.18	ug/l	95
66) Ethyl Benzene	10.26	91	163878	16.63	ug/l	99
67) m/p-Xylenes	10.37	106	130370	33.32	ug/l	99
68) o-Xylene	10.70	106	63422	16.77	ug/l	99
69) Styrene	10.72	104	103126	16.38	ug/l	100
70) Isopropylbenzene	11.02	105	173585	16.90	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	48747	16.18	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	47827m	17.74	ug/l	
73) Bromobenzene	11.26	156	50117	16.79	ug/l	93
74) n-propylbenzene	11.37	91	195863	16.88	ug/l	98
75) 2-Chlorotoluene	11.43	91	118472	16.92	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	149062	17.03	ug/l	69
77) t-1,4-Dichloro-2-butene	11.08	75	10783	13.44	ug/l	83
78) 4-Chlorotoluene	11.52	91	136080	16.30	ug/l	100
79) tert-butylbenzene	12.07	119	161721	17.27	ug/l	95
80) 1,2,4-Trimethylbenzene	11.81	105	150495	16.90	ug/l	100
81) sec-Butylbenzene	11.95	105	176797	17.40	ug/l	99
82) p-Isopropyltoluene	12.07	119	161721	17.27	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	91975	16.90	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	91765	16.54	ug/l	98
85) n-Butylbenzene	12.39	91	133940	16.54	ug/l	98
86) Hexachloroethane	12.60	117	21522	15.04	ug/l	72
87) 1,2-Dichlorobenzene	12.40	146	90569	16.74	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	9809	15.58	ug/l	94
89) 1,2,4-Trichlorobenzene	13.65	180	68338	16.67	ug/l	98
90) Hexachlorobutadiene	13.79	225	37785	19.85	ug/l	97
91) Naphthalene	13.84	128	179766	16.90	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	69793	17.25	ug/l	96

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QLast Update : Tue May 01 09:17:40 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

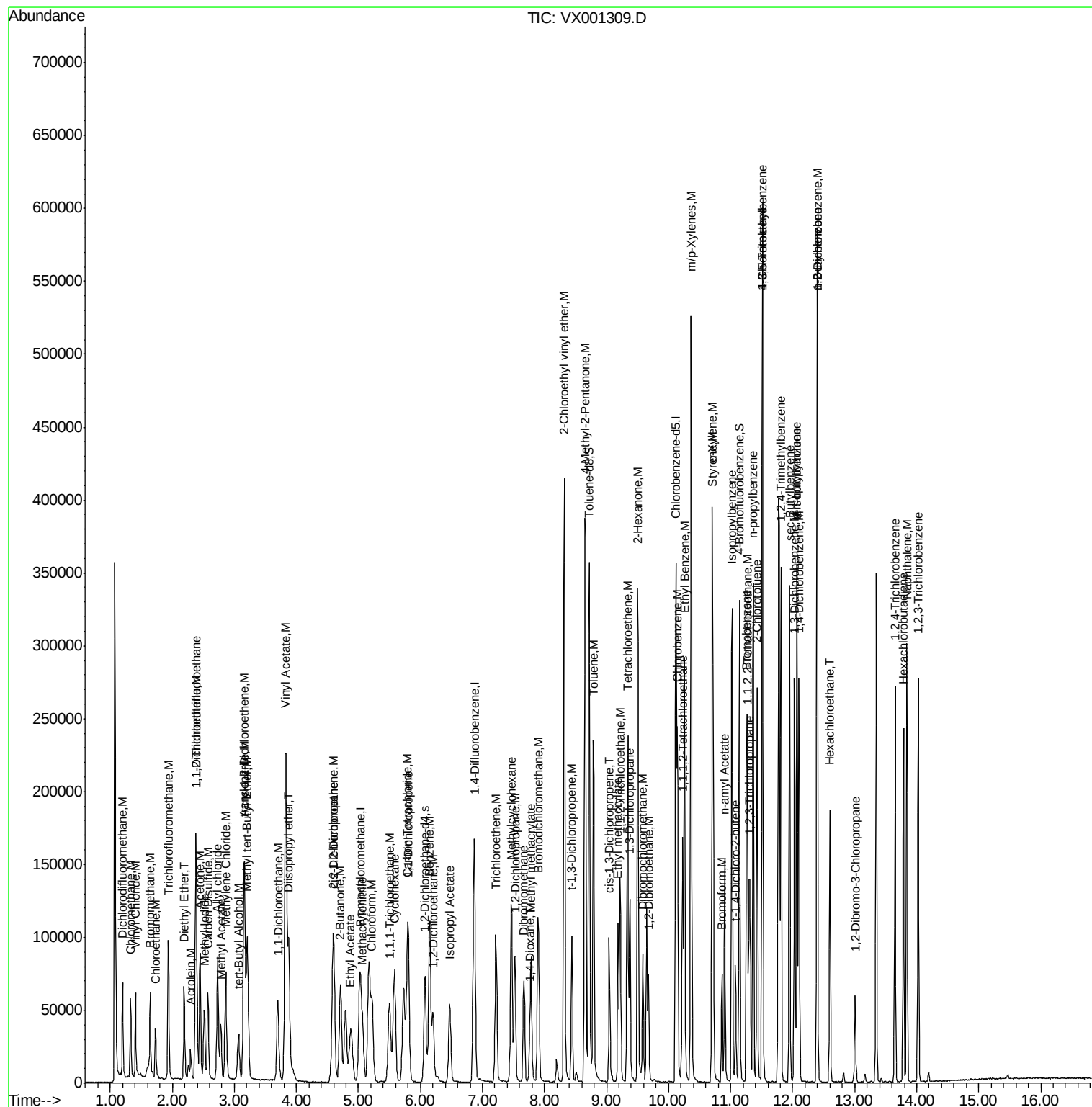
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
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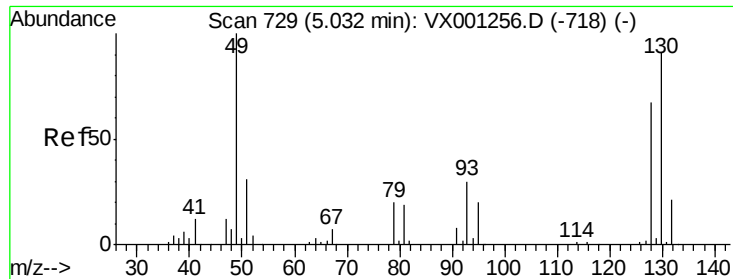
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC020

Manual Integrations
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MMDadoda
5/3/2018 12:21:15 PM

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

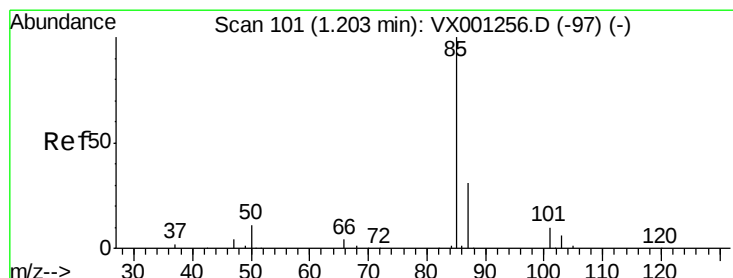
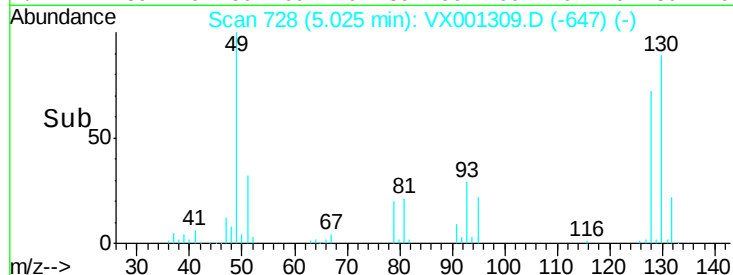
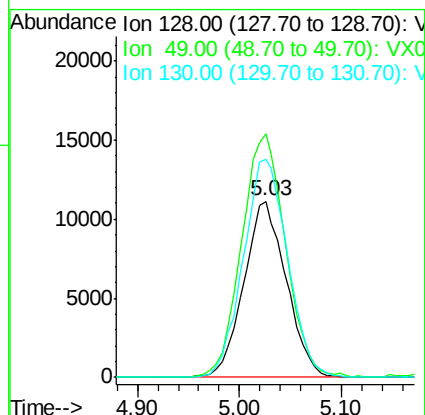
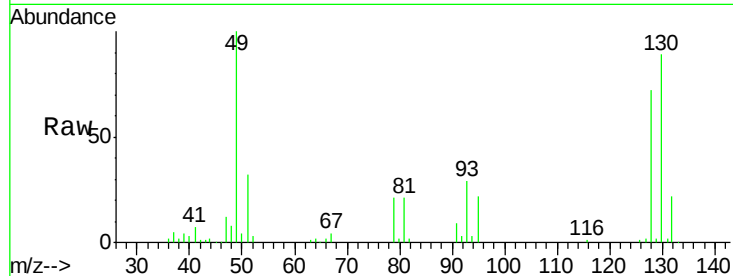
ClientSampled :

VSTDCCC020

Tot Ion:	128	Resp:	32147
Ion	Ratio	Lower	Upper
128	100		
49	143.0	0.0	378.3
130	129.2	0.0	324.3

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 17.33 ug/l

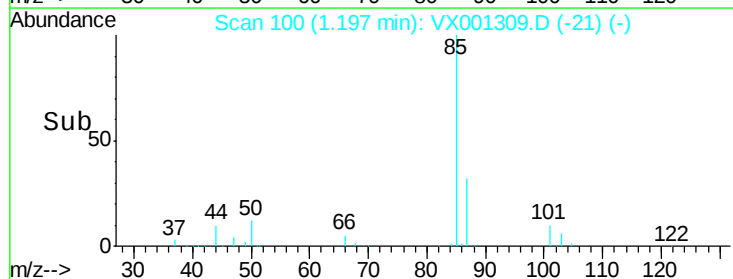
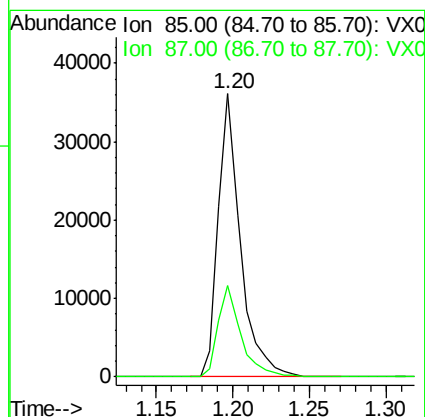
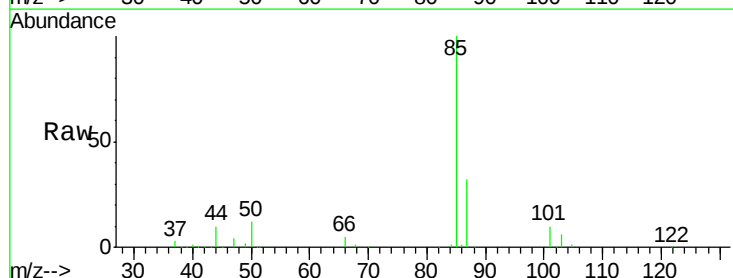
RT: 1.20 min Scan# 100

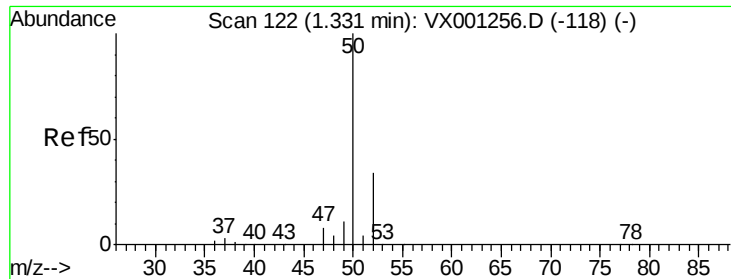
Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Tgt Ion:	85	Resp:	36531
Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.6	49.7





#3

Chloromethane

Concen: 17.53 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 34485

Ion Ratio Lower Upper

50 100

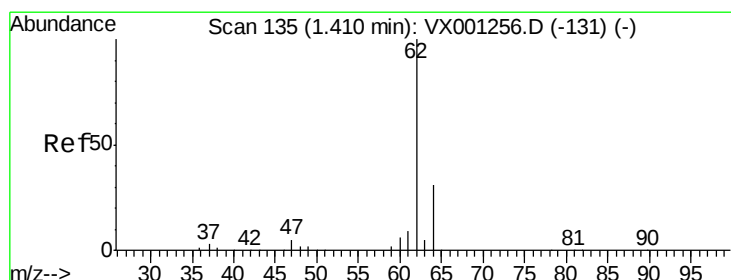
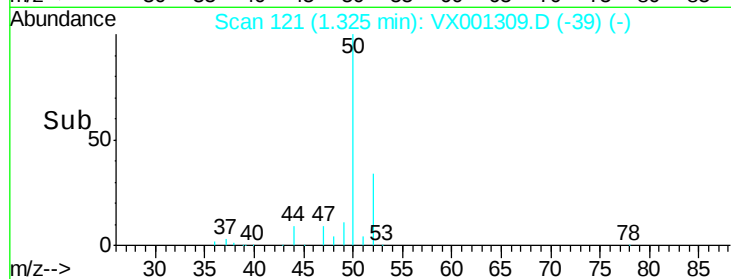
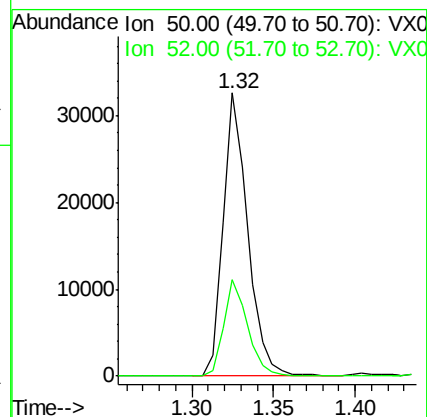
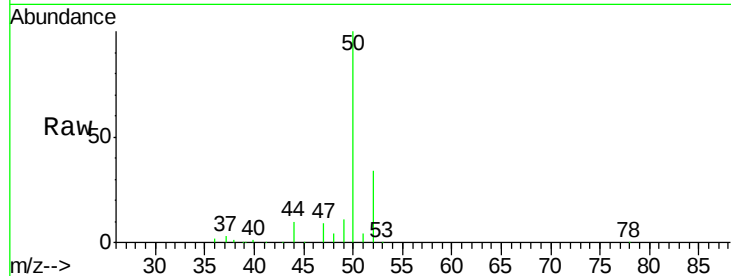
52 33.9 27.8 41.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.43 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001309.D

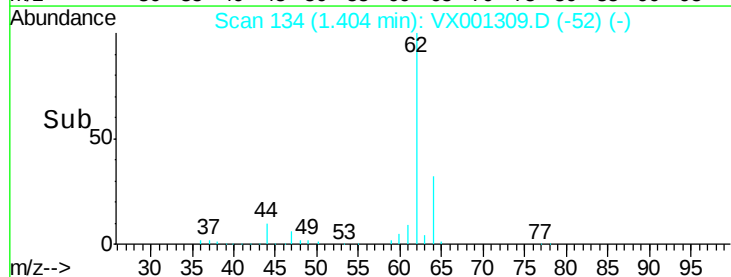
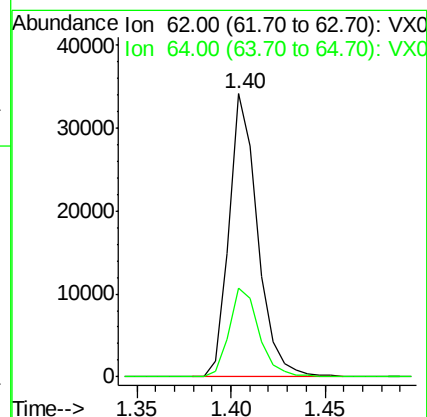
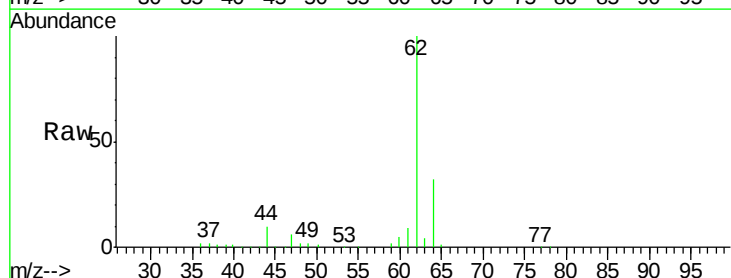
Acq: 02 May 2018 10:06

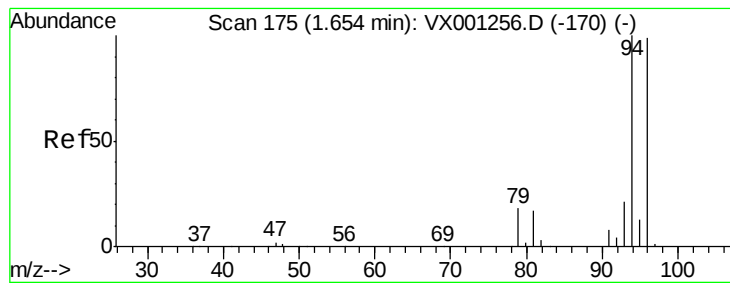
Tgt Ion: 62 Resp: 35974

Ion Ratio Lower Upper

62 100

64 31.5 26.0 39.0





#5

Bromomethane

Concen: 16.54 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 94 Resp: 25775

Ion Ratio Lower Upper

94 100

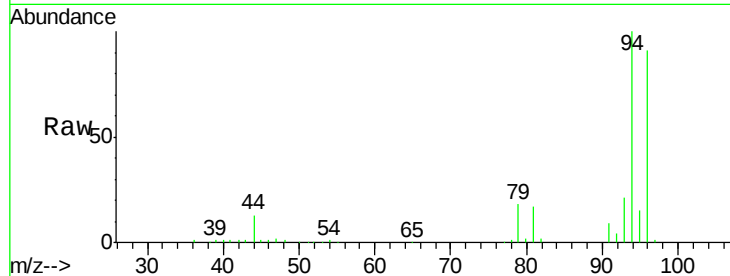
96 91.5 76.2 114.2

Manual Integrations

APPROVED

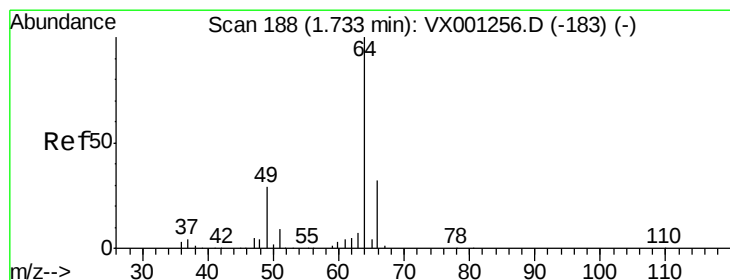
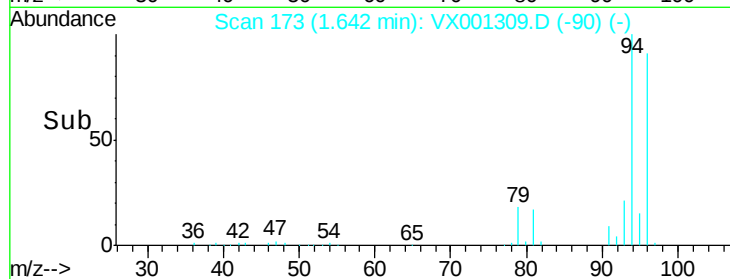
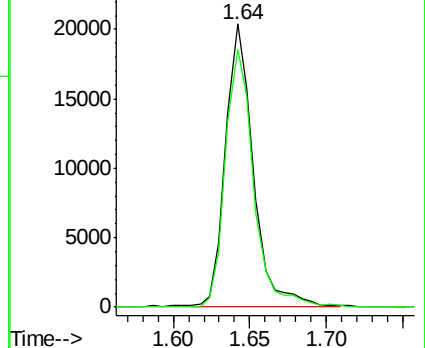
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.38 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001309.D

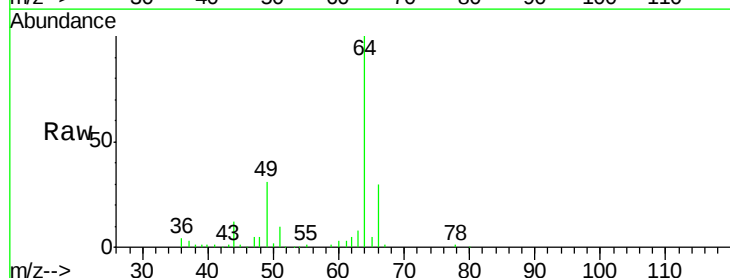
Acq: 02 May 2018 10:06

Tgt Ion: 64 Resp: 21937

Ion Ratio Lower Upper

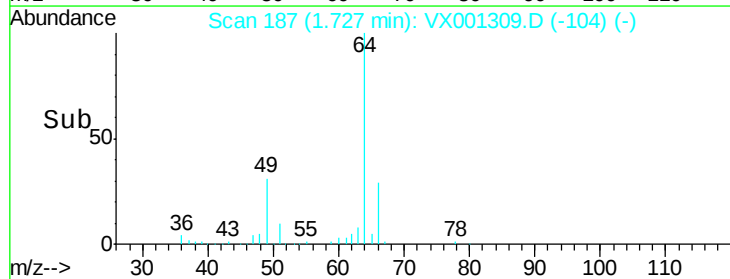
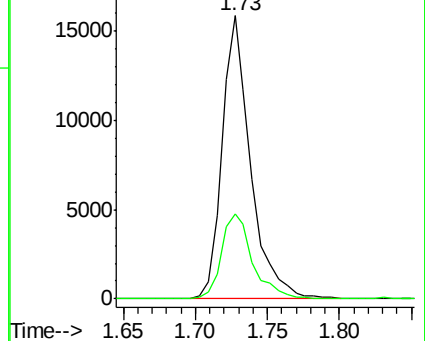
64 100

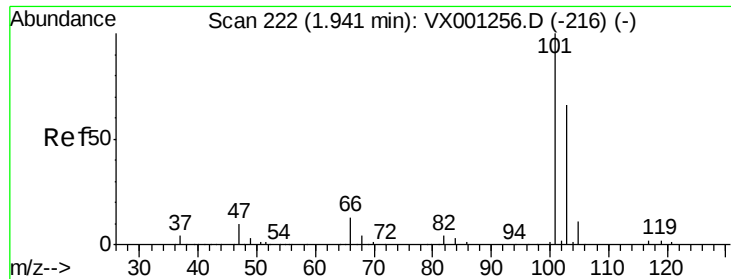
66 30.0 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

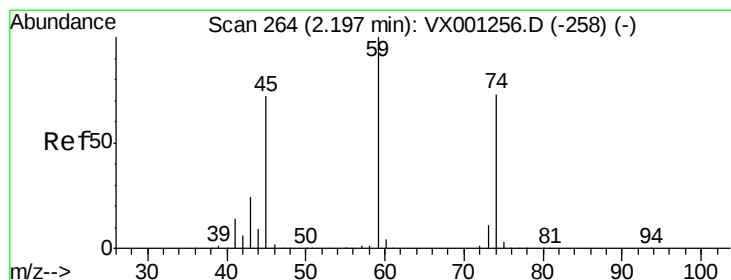
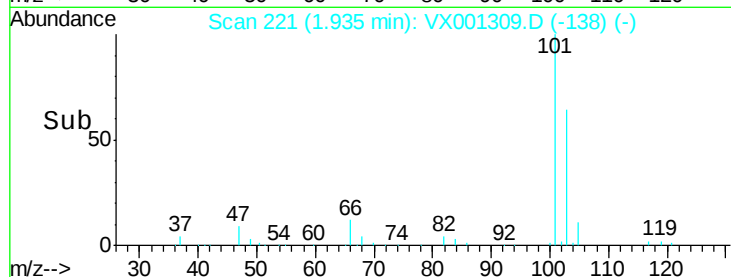
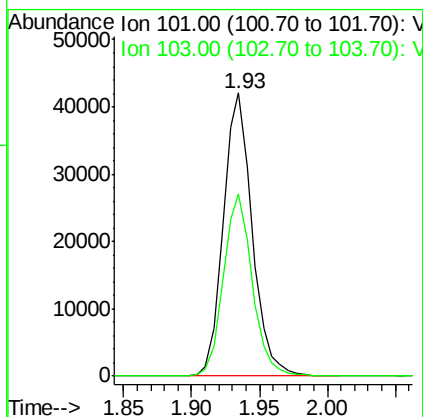
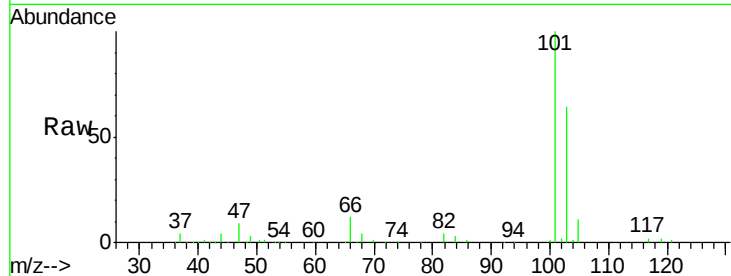
Trichlorofluoromethane
 Concen: 18.03 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

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Tot Ion:101 Resp: 61784
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.2 78.4

Manual Integrations
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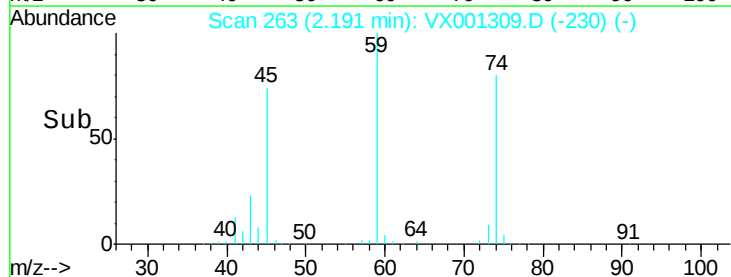
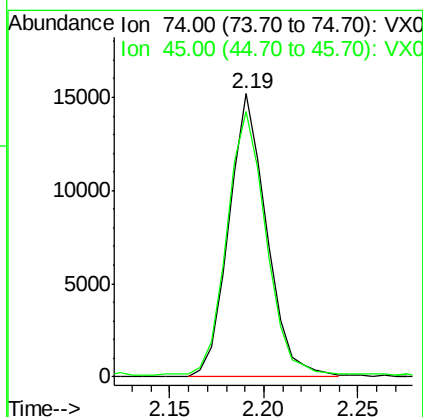
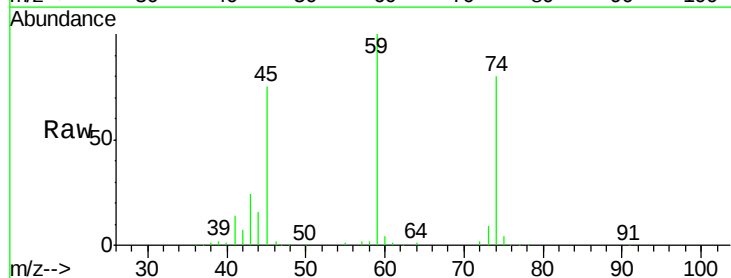
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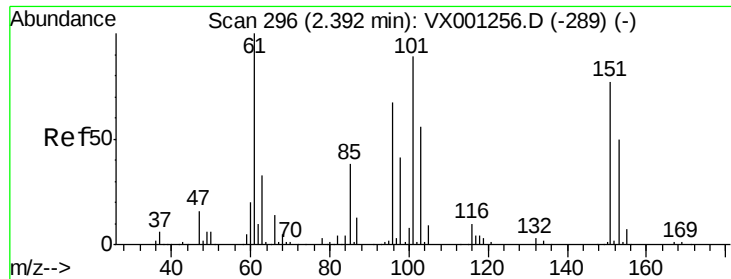


#8

Diethyl Ether
 Concen: 17.72 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion: 74 Resp: 21092
 Ion Ratio Lower Upper
 74 100
 45 96.1 17.8 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.74 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

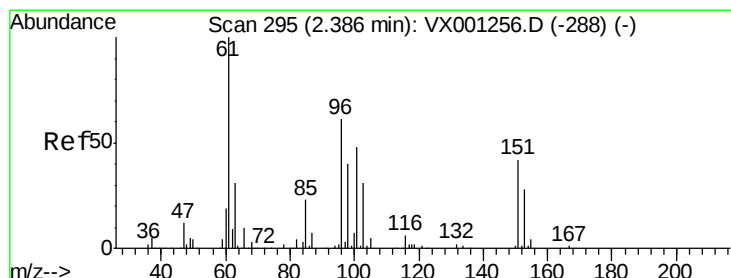
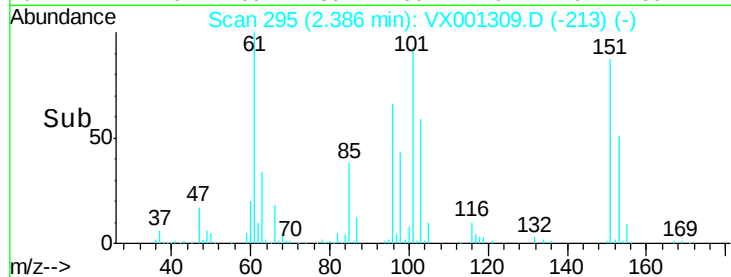
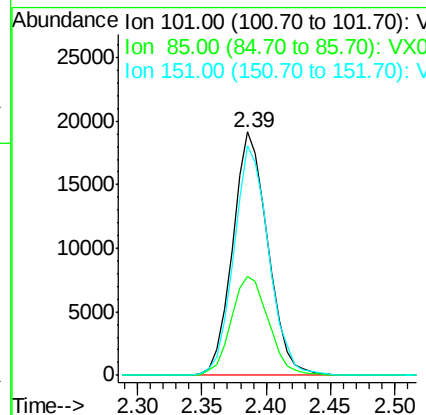
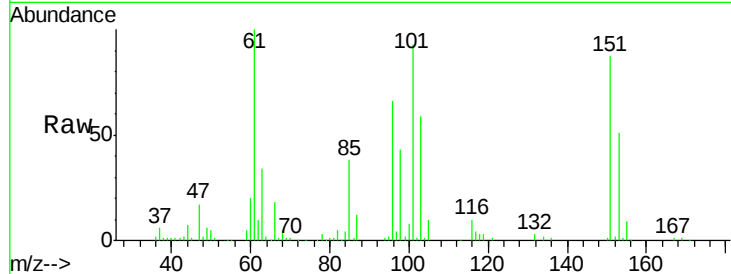
ClientSampled :

VSTDCCC020

Tot Ion:	101	Resp:	36425
Ion Ratio	Lower	Upper	
101	100		
85	42.9	0.0	90.4
151	94.0	0.0	167.6

Manual Integrations
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MMDadoda
5/3/2018 12:21:15 PM



#10

1,1-Dichloroethene

Concen: 17.74 ug/l

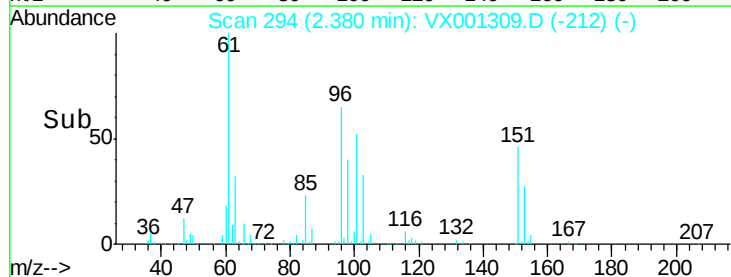
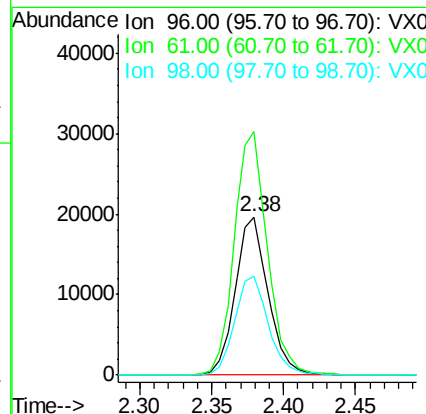
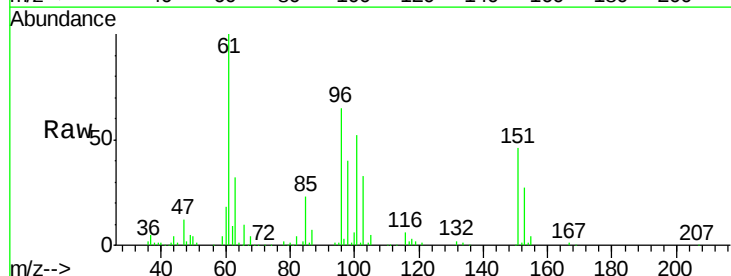
RT: 2.38 min Scan# 294

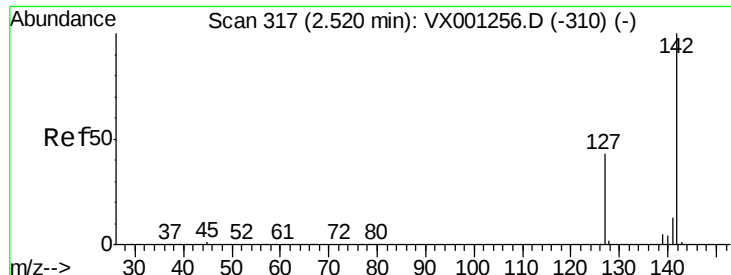
Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Tgt Ion:	96	Resp:	31230
Ion Ratio	Lower	Upper	
96	100		
61	153.6	118.6	178.0
98	62.1	51.0	76.6





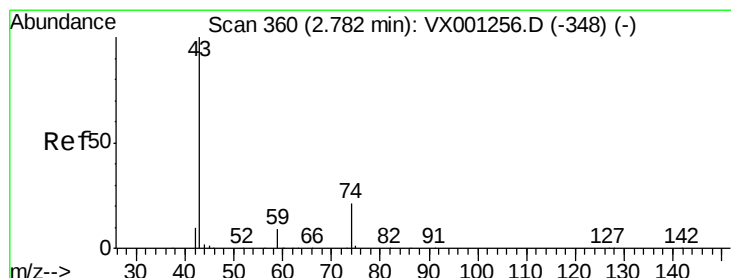
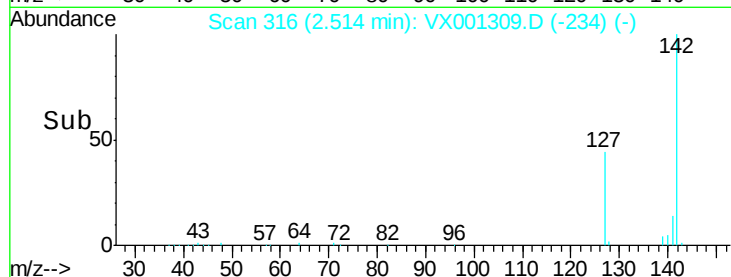
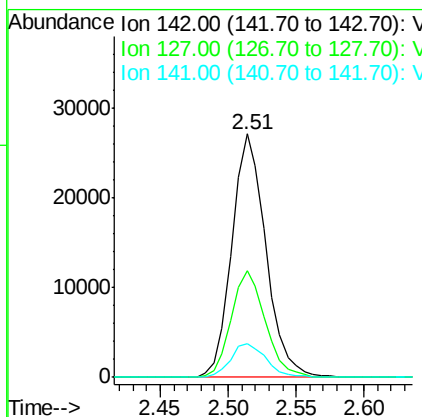
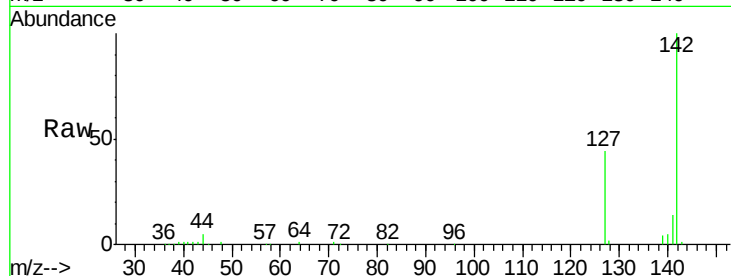
#11
Methyl Iodide
Concen: 22.04 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.8	23.8	71.5
141	13.9	8.2	24.4

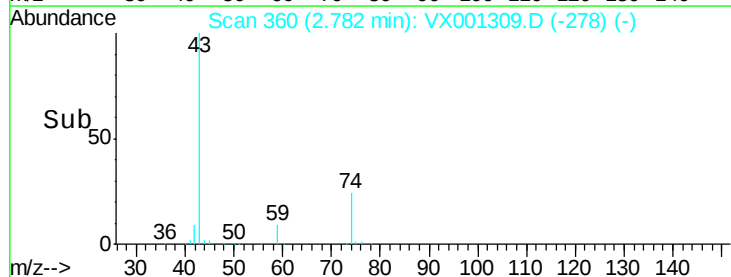
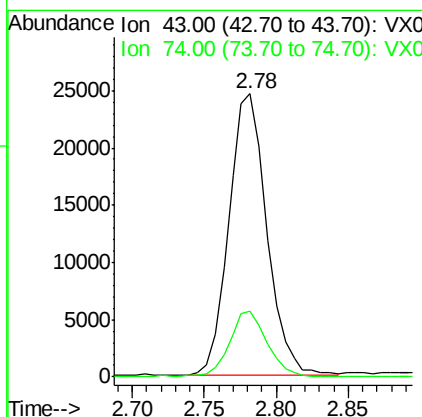
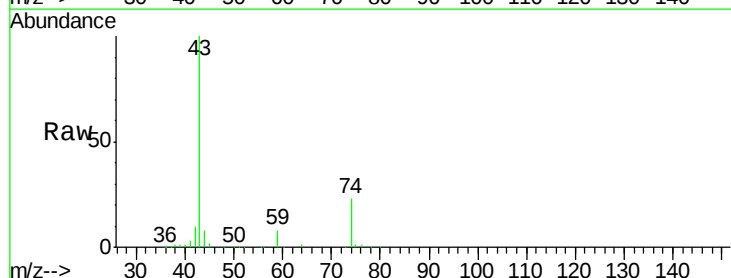
Manual Integrations
APPROVED

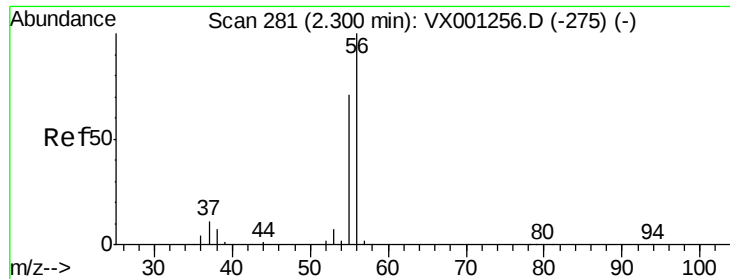
MMDadoda
5/3/2018 12:21:15 PM



#12
Methyl Acetate
Concen: 19.55 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.6	27.8





#13

Acrolein

Concen: 50.14 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 13843

Ion Ratio Lower Upper

56 100

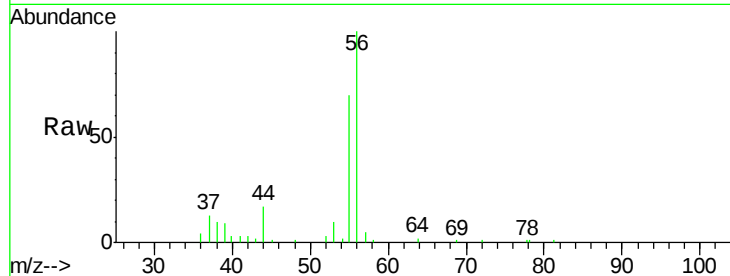
55 73.4 57.3 85.9

Manual Integrations

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MMDadoda

5/3/2018 12:21:15 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

10000

8000

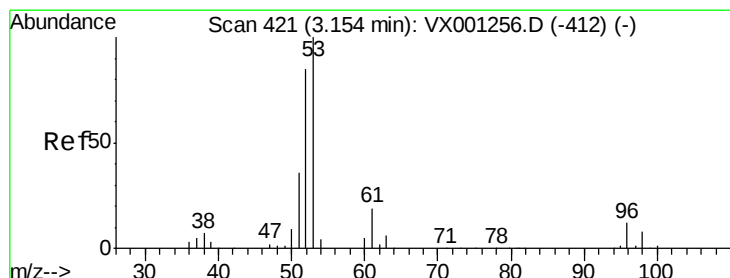
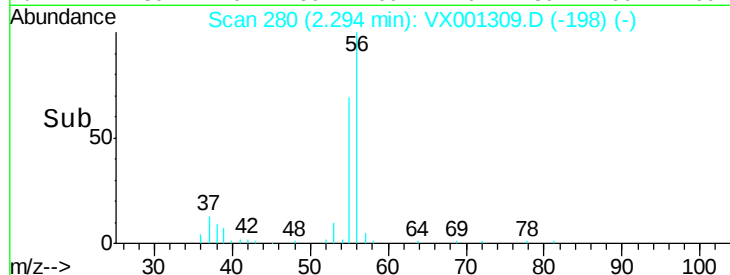
6000

4000

2000

0

Time-->



#14

Acrylonitrile

Concen: 92.17 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

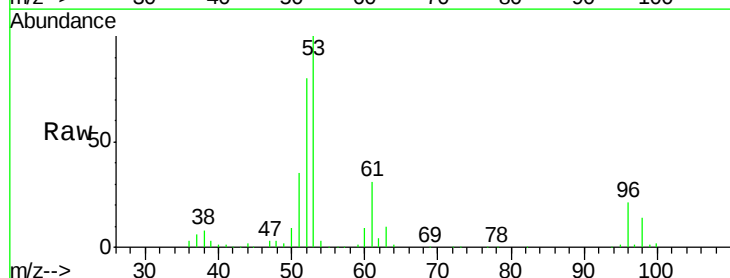
Tgt Ion: 53 Resp: 84923

Ion Ratio Lower Upper

53 100

52 82.9 41.9 125.8

51 35.7 18.8 56.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

3.15

50000

40000

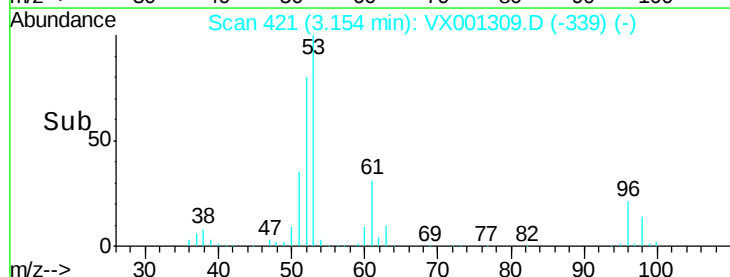
30000

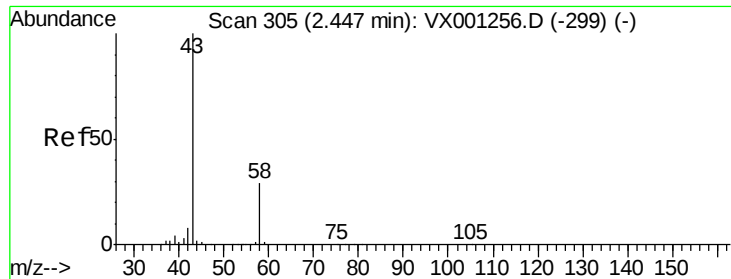
20000

10000

0

Time-->





#15

Acetone

Concen: 89.52 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 25666

Ion Ratio Lower Upper

58 100

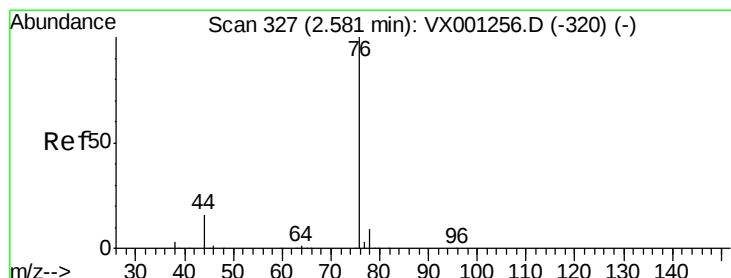
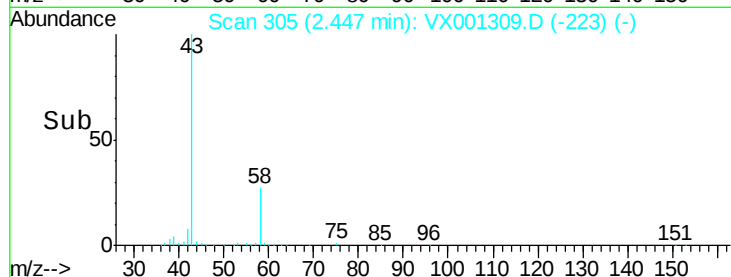
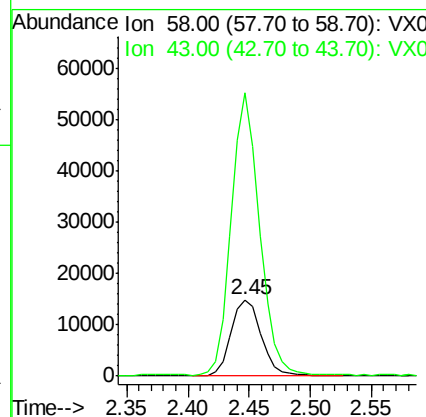
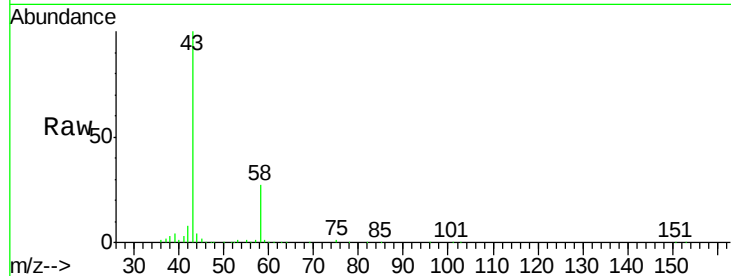
43 368.2 264.6 396.8

Manual Integrations

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MMDadoda

5/3/2018 12:21:15 PM



#16

Carbon Disulfide

Concen: 15.55 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX001309.D

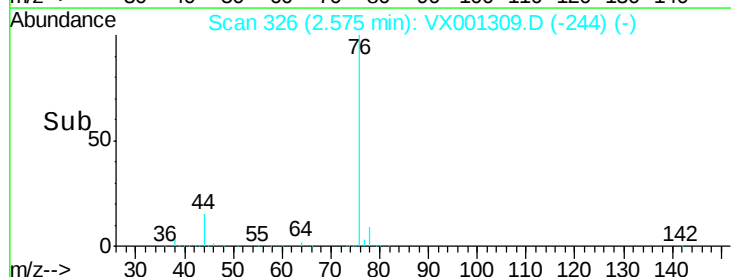
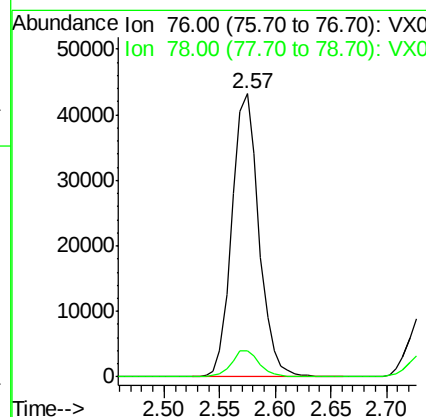
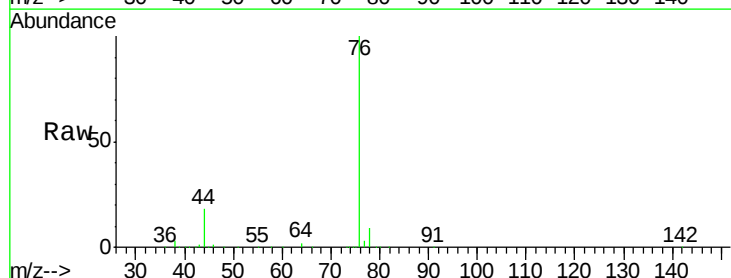
Acq: 02 May 2018 10:06

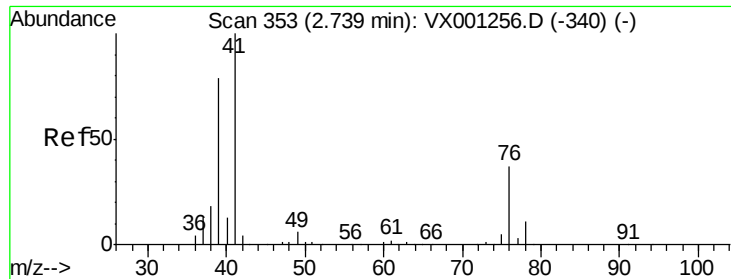
Tgt Ion: 76 Resp: 72843

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2





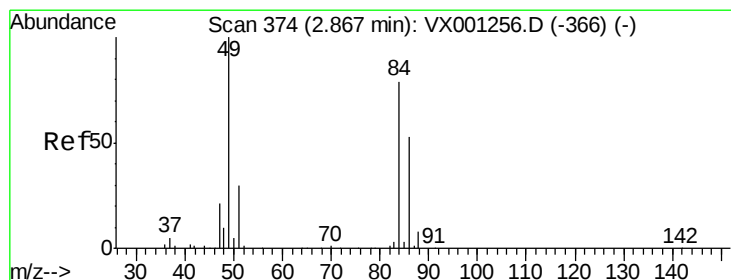
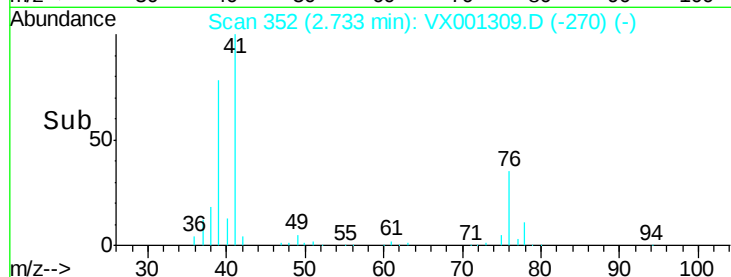
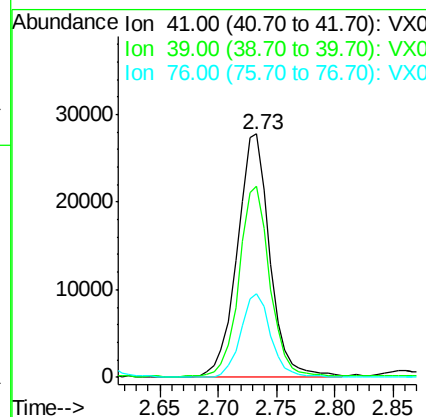
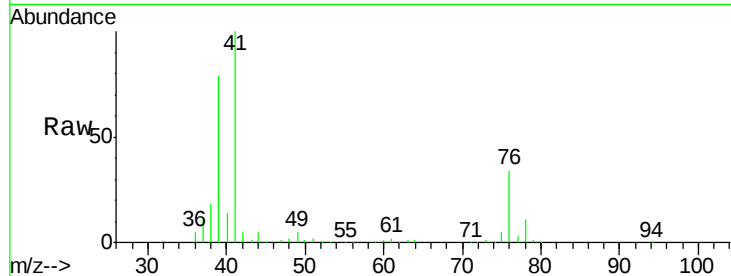
#17
Allvl chloride
Concen: 17.27 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	78.3	38.5	115.5
76	34.6	18.7	56.1

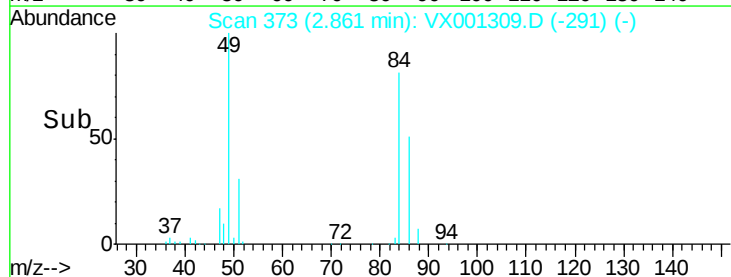
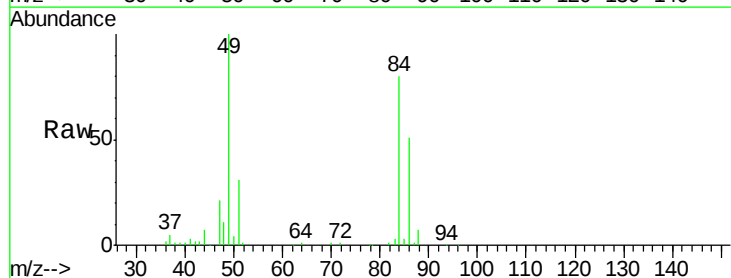
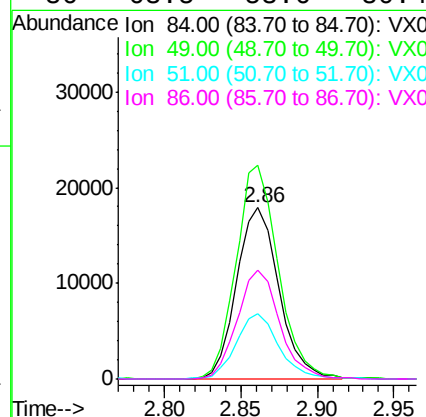
Manual Integrations
APPROVED

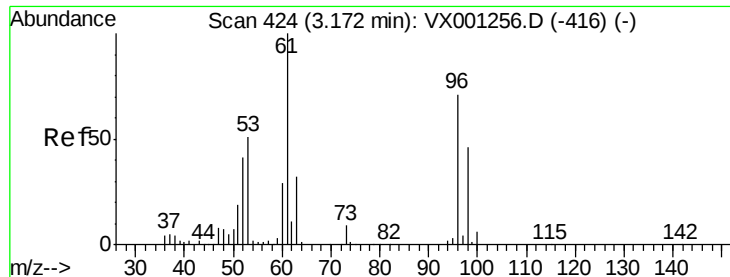
MMDadoda
5/3/2018 12:21:15 PM



#18
Methylene Chloride
Concen: 17.94 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.4	103.3	154.9
51	38.0	31.2	46.8
86	63.5	53.6	80.4





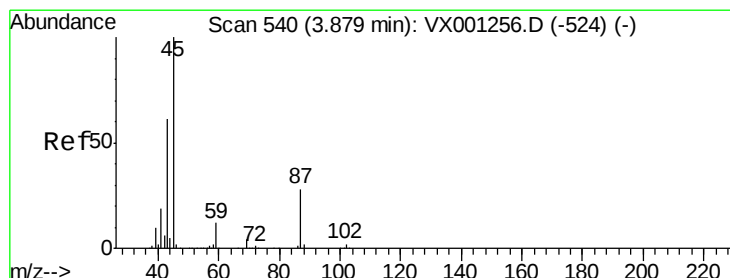
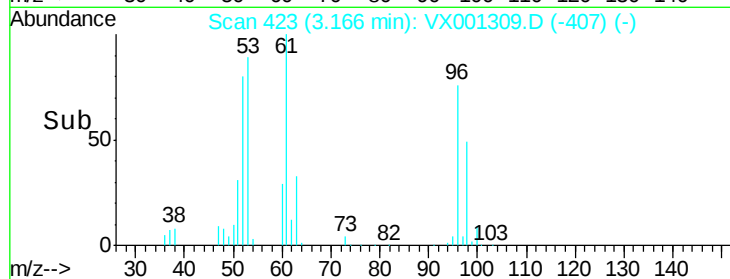
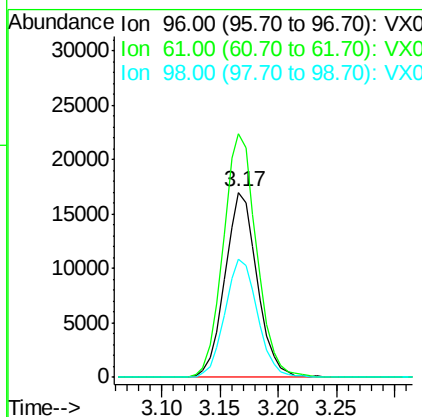
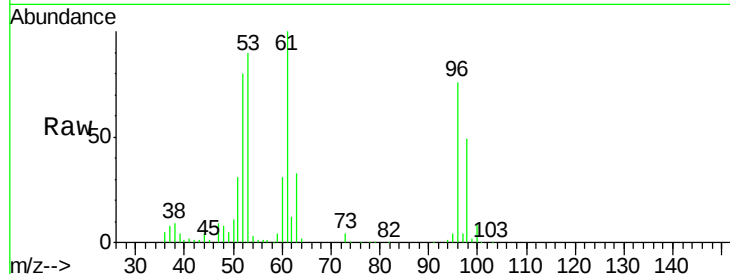
#19
trans-1,2-Dichloroethene
Concen: 17.21 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.5	101.0	151.6
98	63.9	53.3	79.9

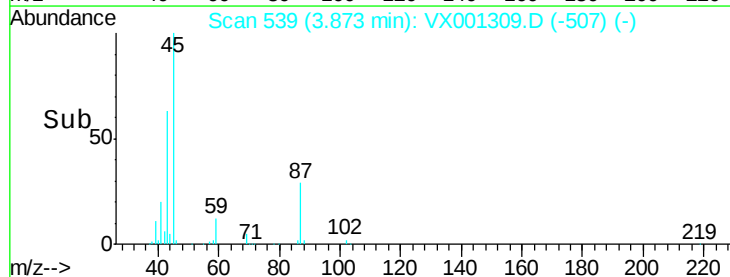
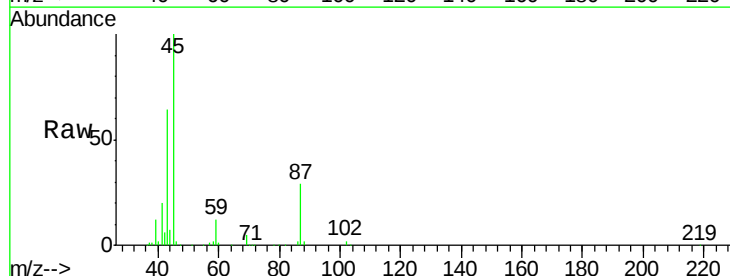
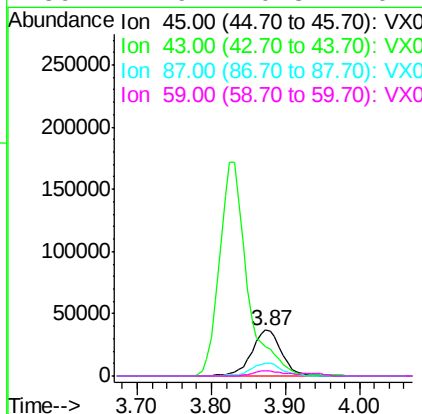
Manual Integrations
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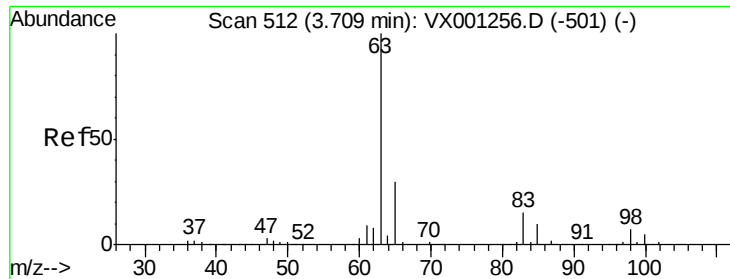
MMDadoda
5/3/2018 12:21:15 PM



#20
Diisopropyl ether
Concen: 16.90 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.1	49.6	74.4
87	29.2	23.1	34.7
59	11.9	10.8	16.2





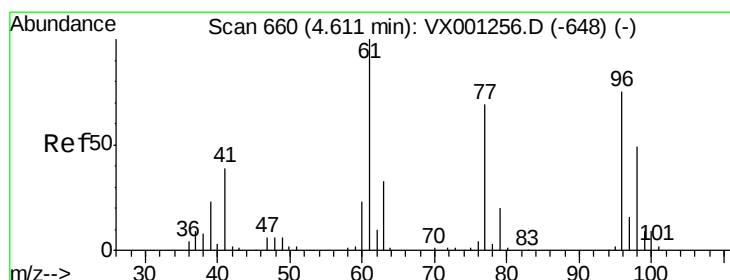
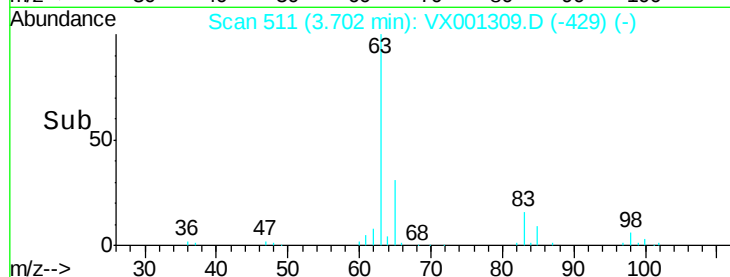
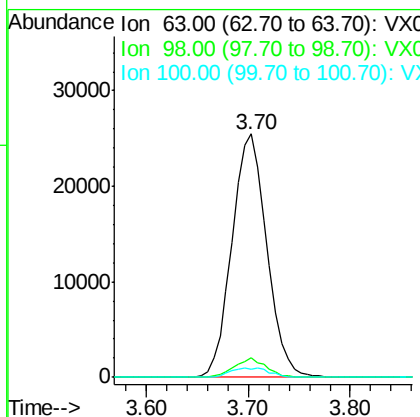
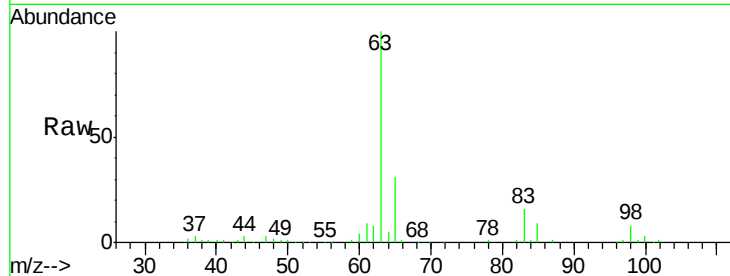
#21
1,1-Dichloroethane
Concen: 18.25 ug/l
RT: 3.70 min Scan# 511
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	63	Resp:	60300
Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.3	9.9
100	3.3	2.1	6.5

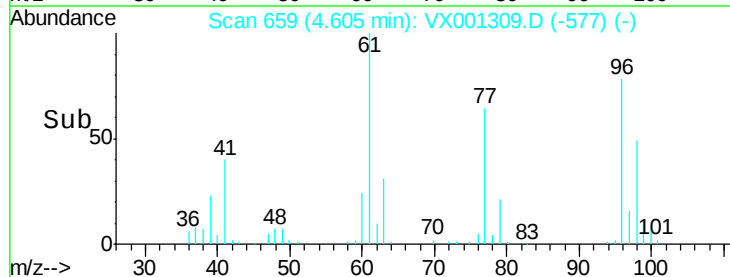
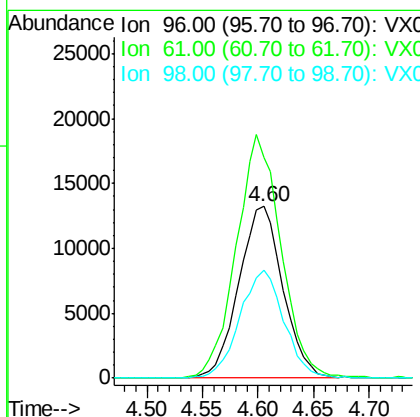
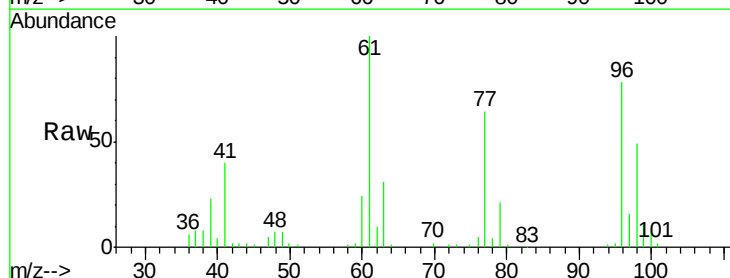
Manual Integrations
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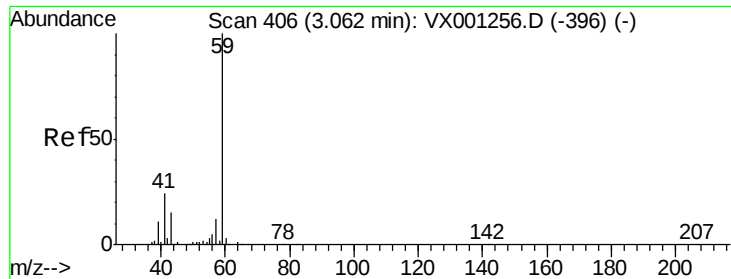
MMDadoda
5/3/2018 12:21:15 PM



#22
cis-1,2-Dichloroethene
Concen: 17.18 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion:	96	Resp:	36427
Ion	Ratio	Lower	Upper
96	100		
61	143.8	113.5	170.3
98	63.0	51.8	77.8





#23

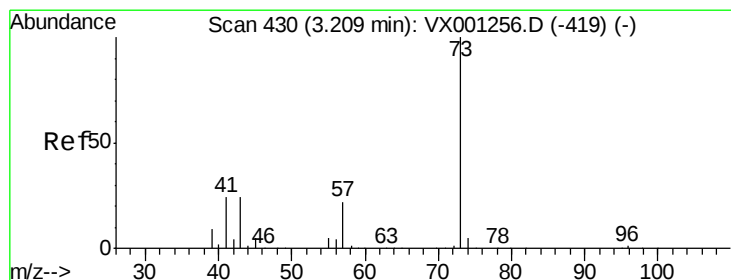
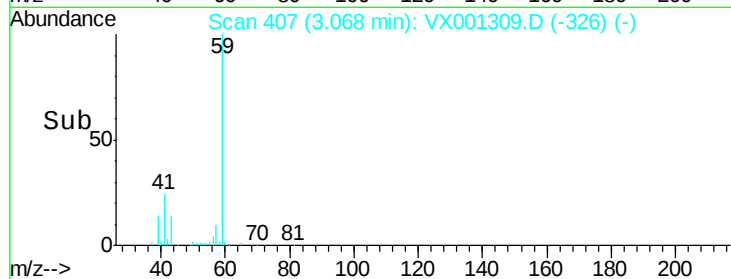
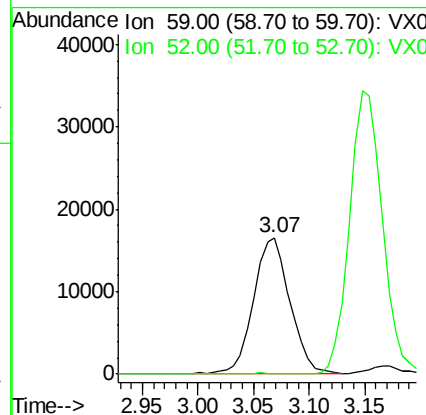
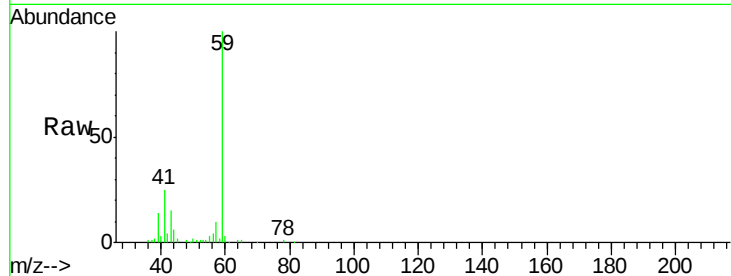
tert-Butyl Alcohol
 Concen: 100.78 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	59	Ratio	Lower	Upper
37949	100			
52	0.2	0.1	0.1#	

Manual Integrations
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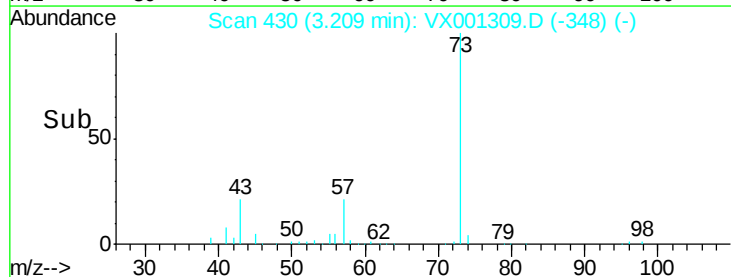
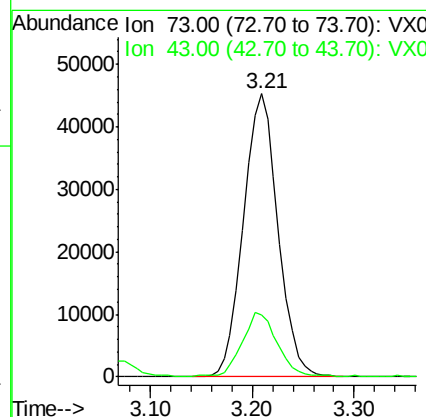
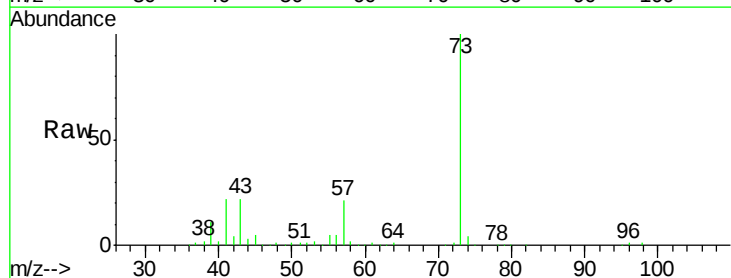
MMDadoda
 5/3/2018 12:21:15 PM

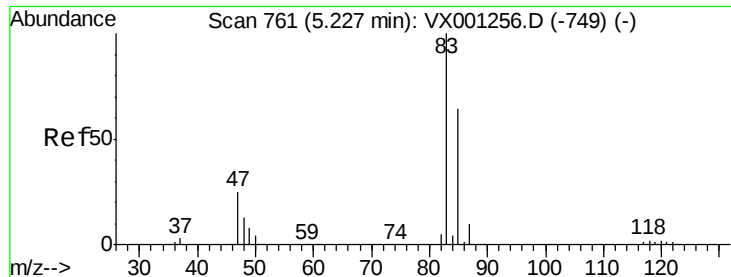


#24

Methyl tert-Butyl Ether
 Concen: 17.63 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion	73	Ratio	Lower	Upper
106438	100			
43	22.2	16.5	24.7	





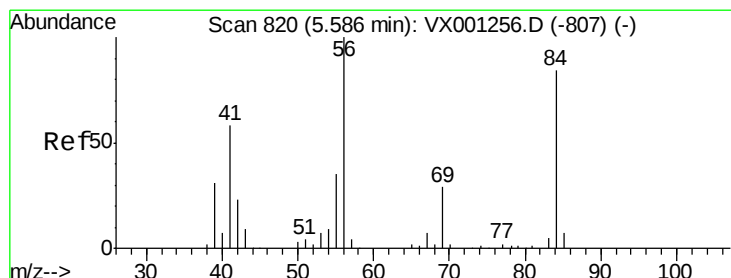
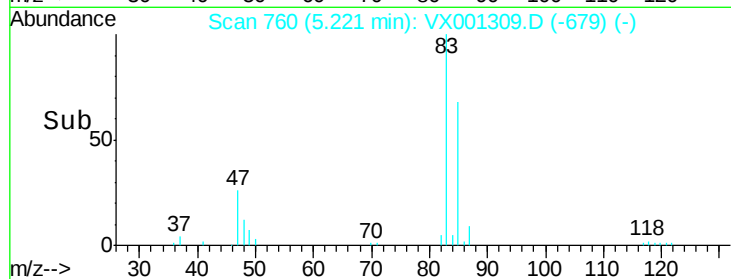
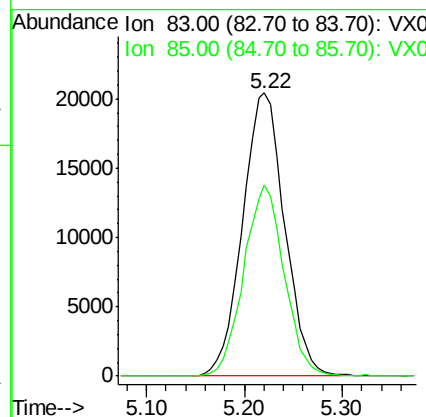
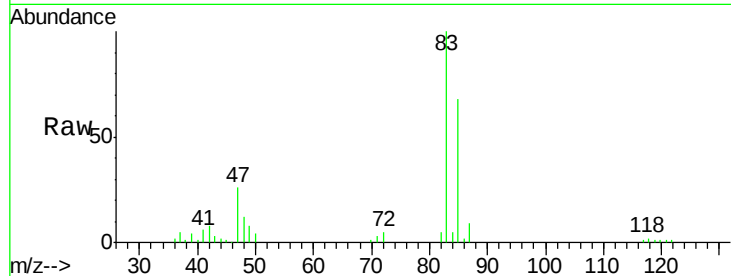
#25
Chloroform
Concen: 16.94 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	83	Resp	60952
Ion Ratio	100	Lower	Upper
85	67.6	52.5	78.7

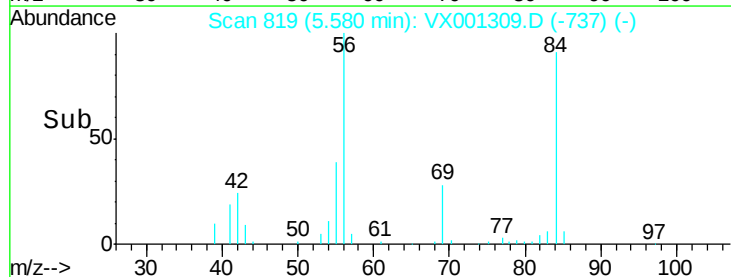
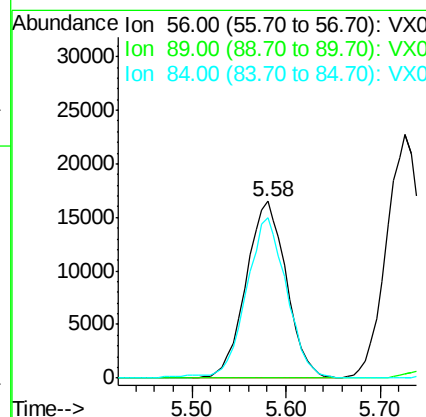
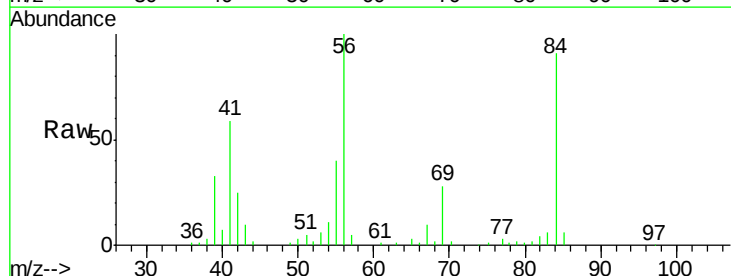
Manual Integrations
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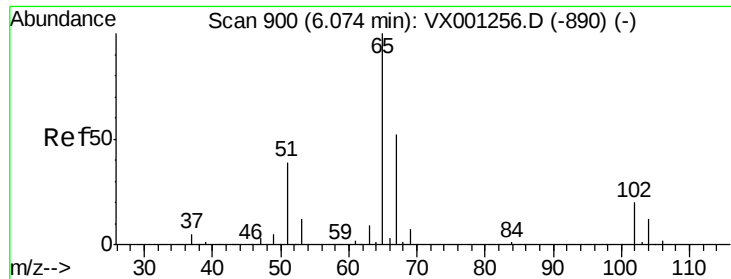
MMDadoda
5/3/2018 12:21:15 PM



#26
Cyclohexane
Concen: 16.47 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion	56	Resp	49484
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	90.0	74.8	112.2





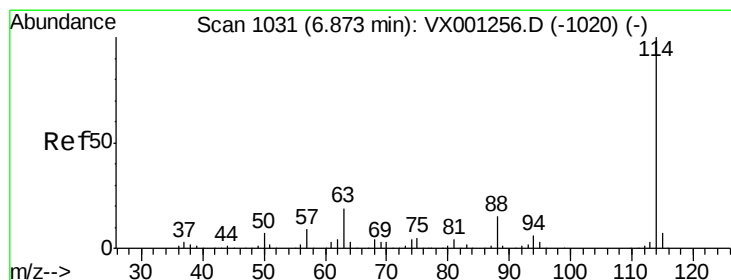
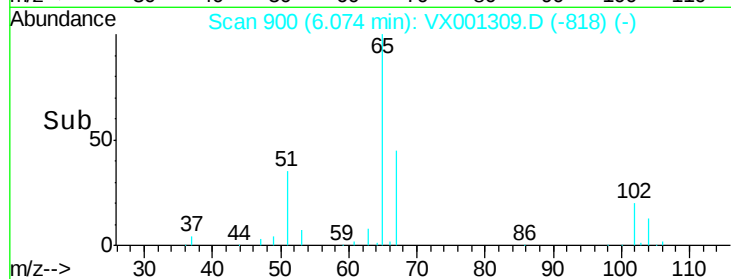
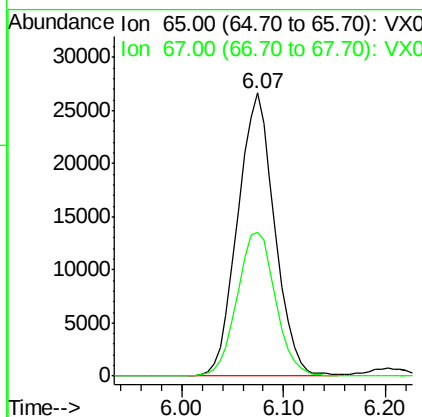
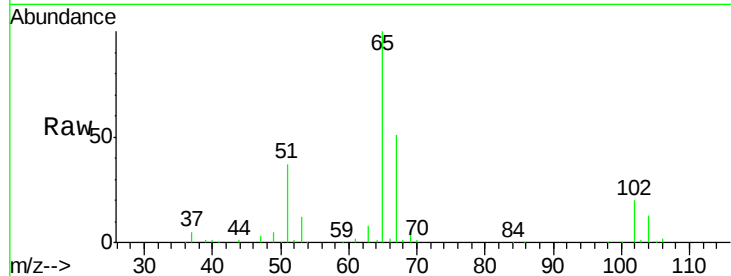
#27
 1,2-Dichloroethane-d4
 Concen: 28.88 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 65 Resp: 66964
 Ion Ratio Lower Upper
 65 100
 67 52.8 41.4 62.2

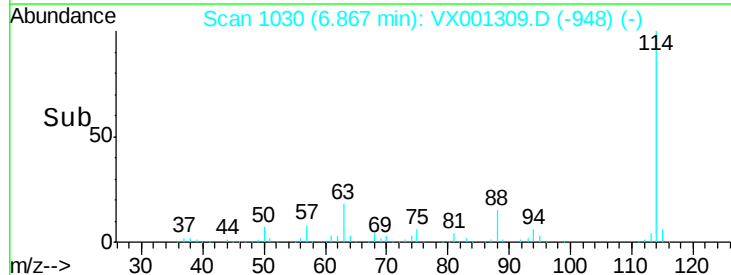
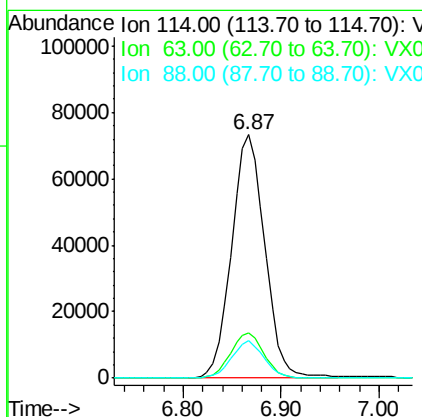
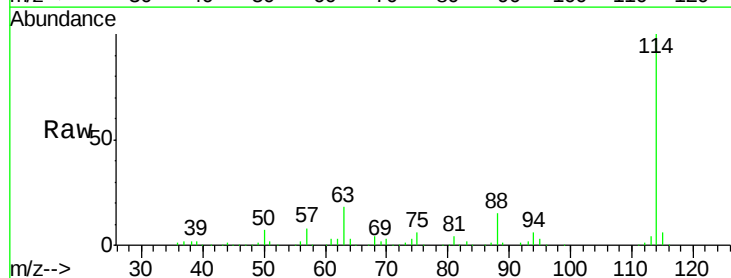
Manual Integrations
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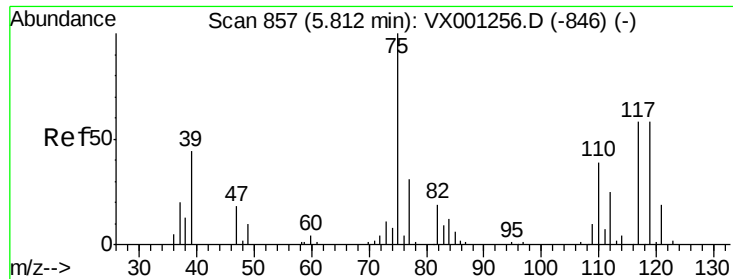
MMDadoda
 5/3/2018 12:21:15 PM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion: 114 Resp: 172808
 Ion Ratio Lower Upper
 114 100
 63 18.6 15.0 22.4
 88 14.7 11.8 17.8





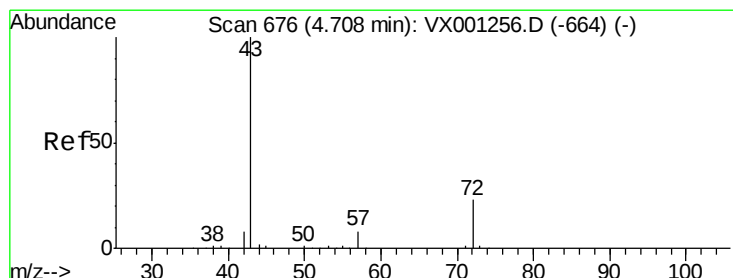
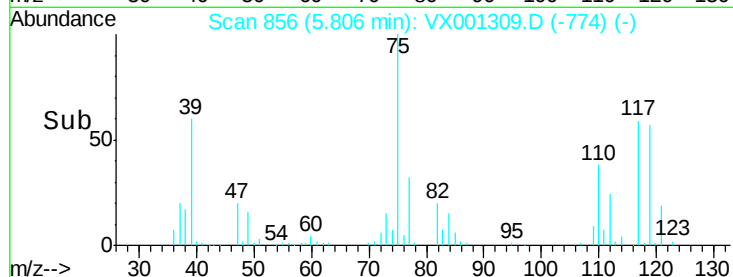
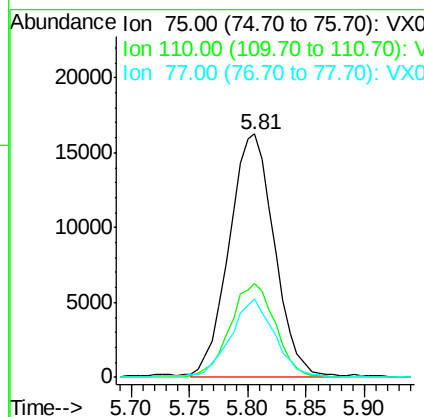
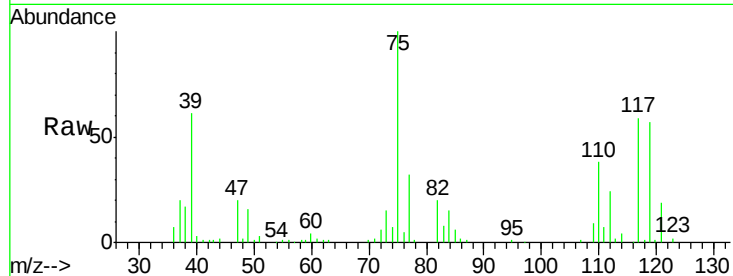
#29
 1,1-Dichloropropene
 Concen: 17.21 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.5	0.0	75.6
77	31.3	0.0	62.6

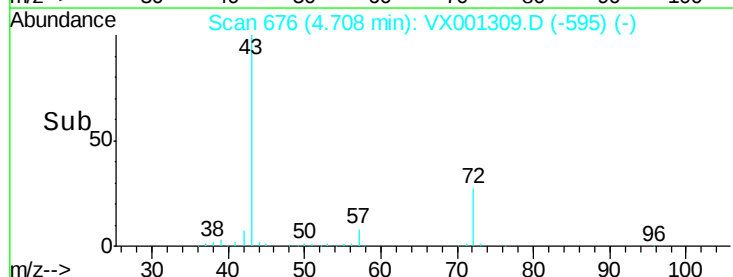
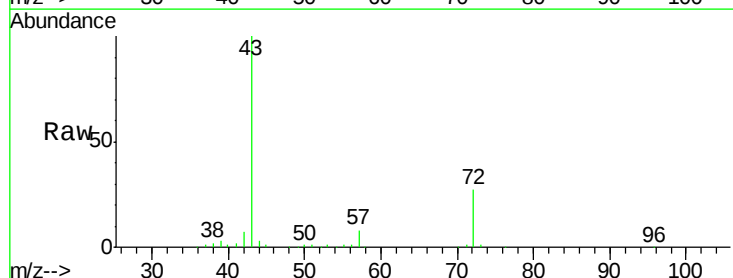
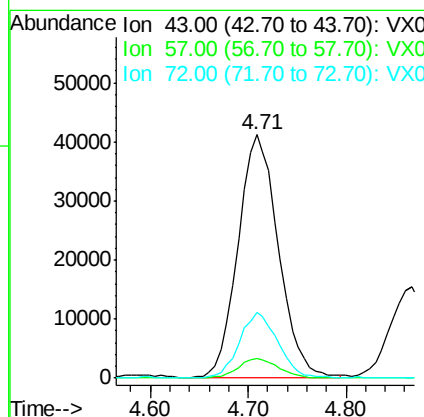
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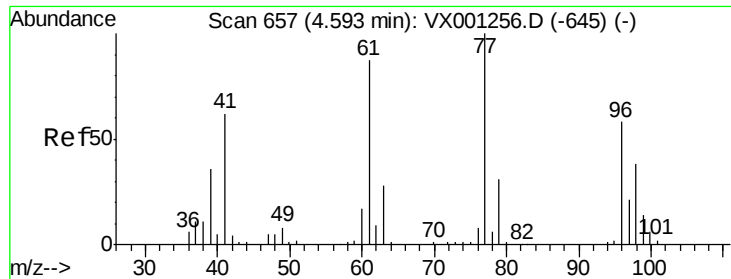
MMDadoda
 5/3/2018 12:21:15 PM



#30
 2-Butanone
 Concen: 89.45 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.6	10.0
72	25.9	21.8	32.6





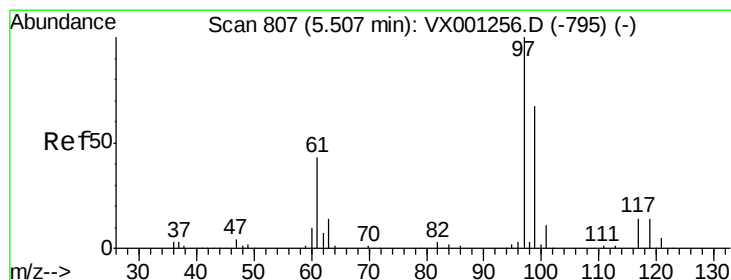
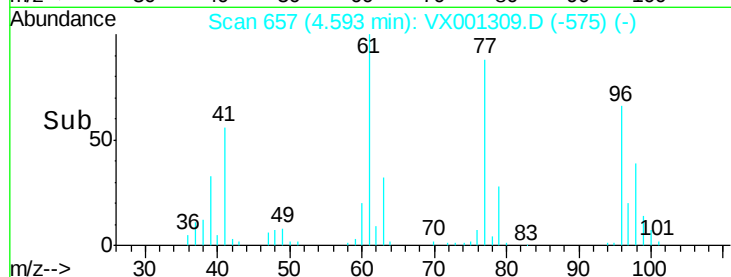
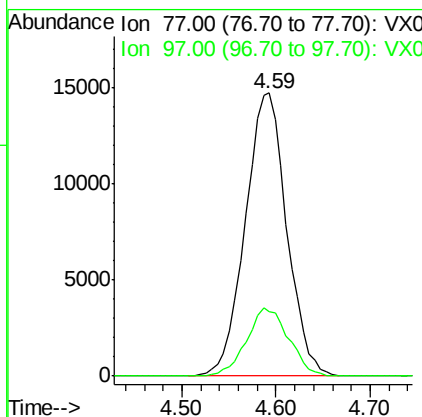
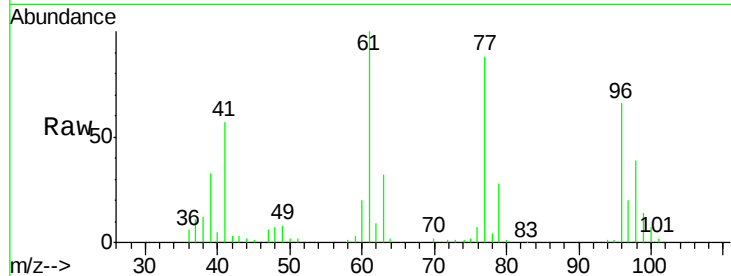
#31
 2,2-Dichloropropane
 Concen: 16.20 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 77 Resp: 45268
 Ion Ratio Lower Upper
 77 100
 97 24.5 18.6 27.8

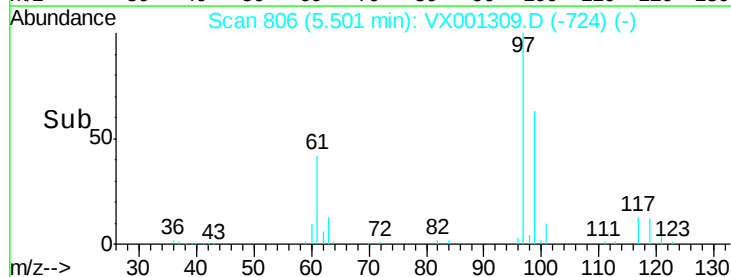
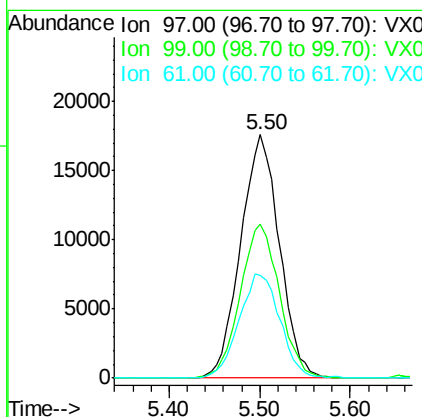
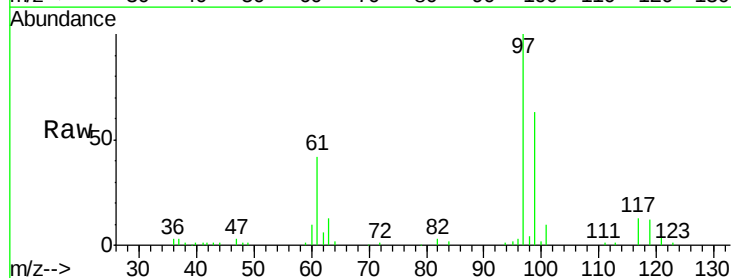
Manual Integrations
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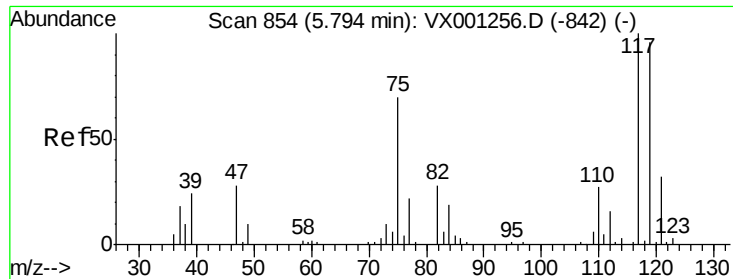
MMDadoda
 5/3/2018 12:21:15 PM



#32
 1,1,1-Trichloroethane
 Concen: 16.82 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion: 97 Resp: 52107
 Ion Ratio Lower Upper
 97 100
 99 64.1 52.3 78.5
 61 45.0 34.3 51.5





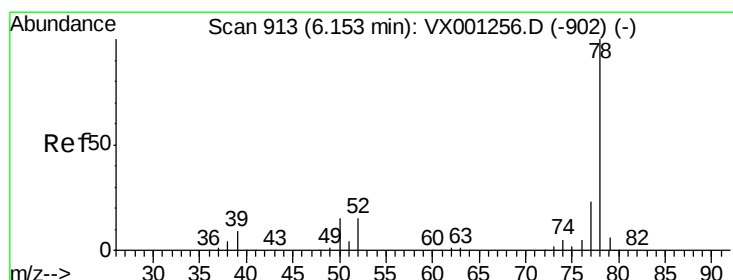
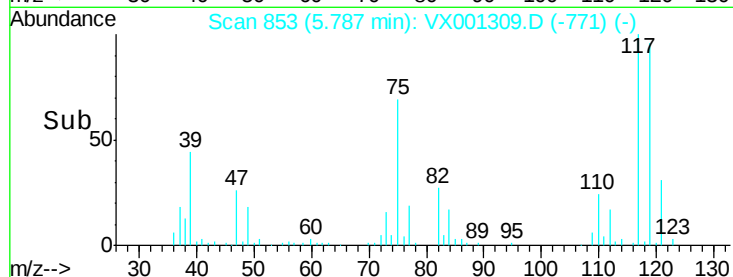
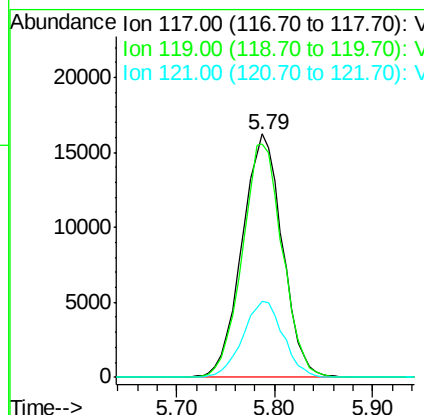
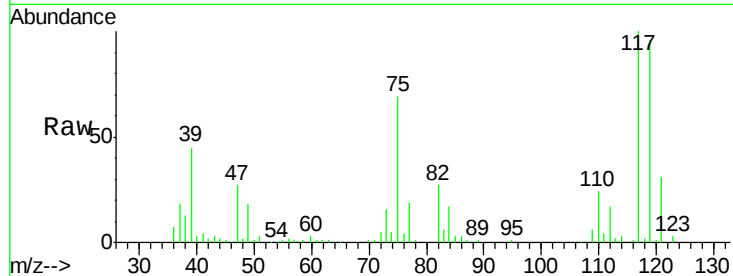
#33
Carbon Tetrachloride
Concen: 16.67 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.1	73.5	110.3
121	31.4	24.6	37.0

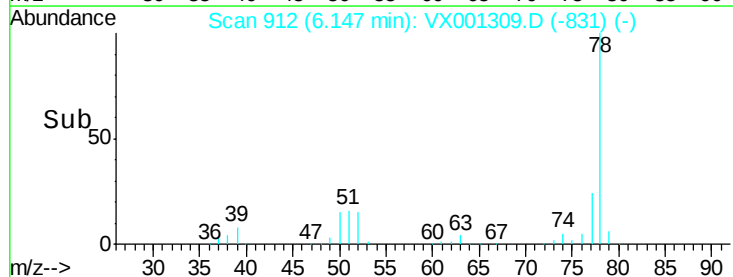
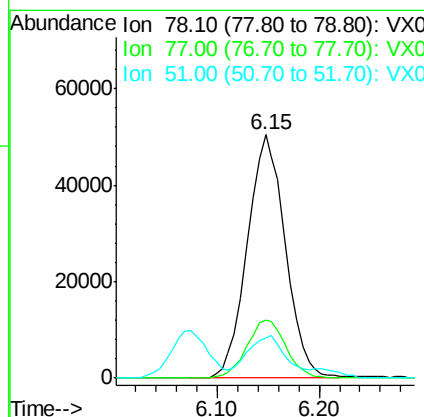
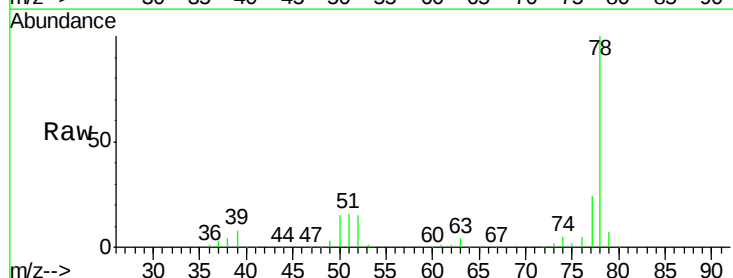
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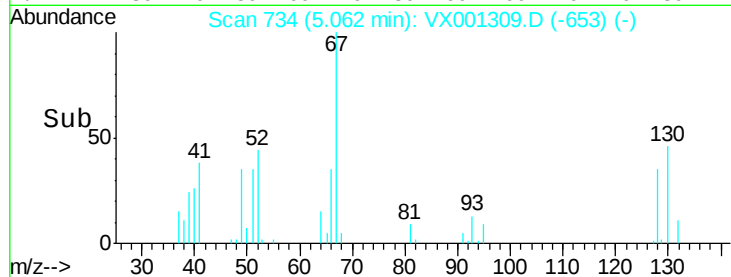
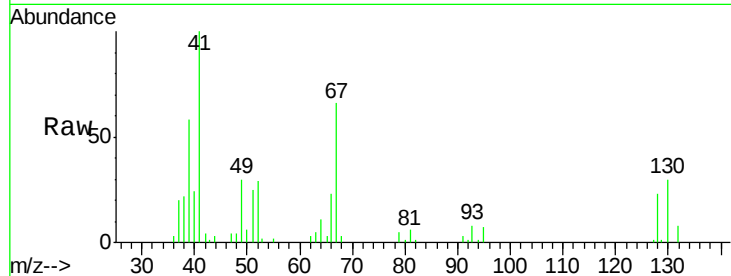
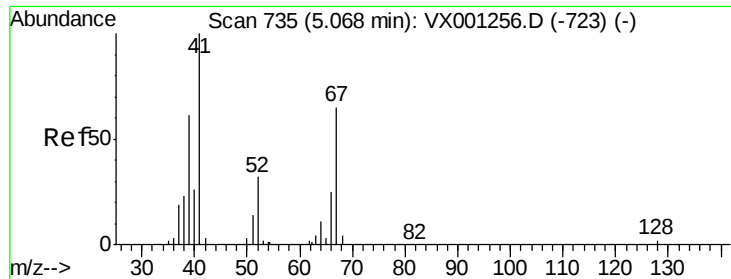
MMDadoda
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#34
Benzene
Concen: 17.25 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	21.7	32.5
51	14.1	14.9	22.3#





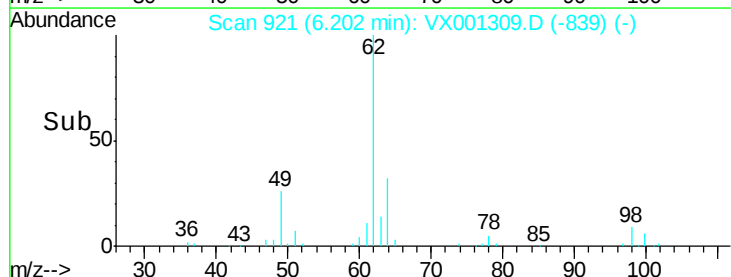
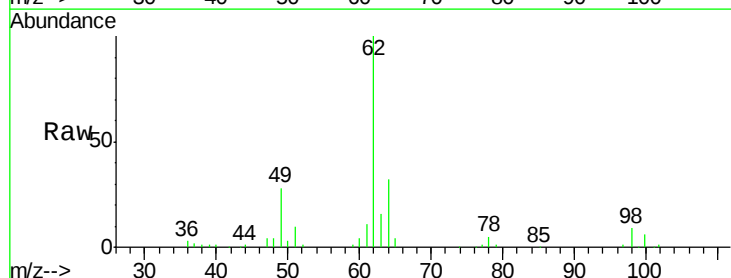
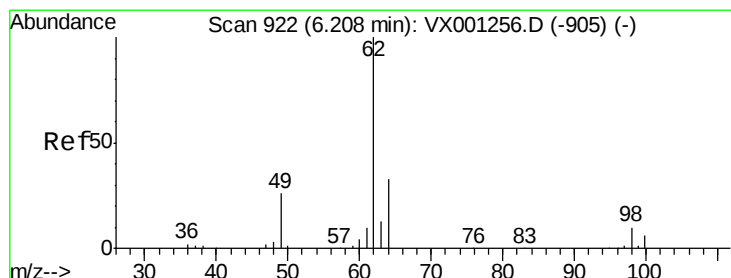
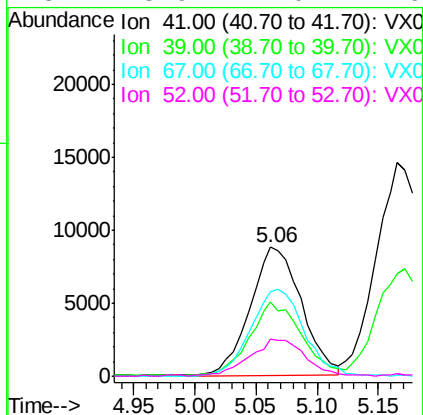
#35
Methacrylonitrile
Concen: 17.66 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		25711		
39	57.9	29.8	89.3		
67	66.1	28.7	86.3		
52	28.9	14.0	41.9		

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

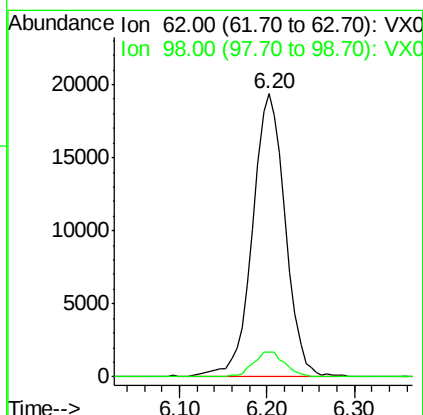
Manual Integrations
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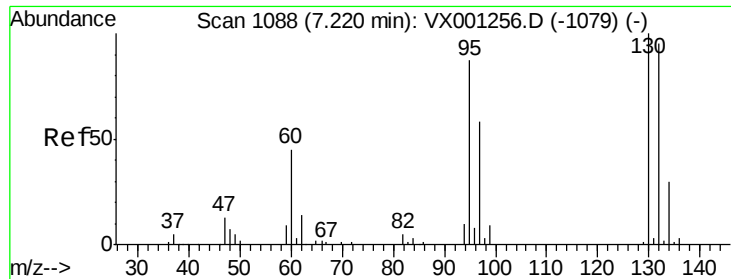
MMDadoda
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#36
1,2-Dichloroethane
Concen: 17.38 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		50597		
98	8.6	6.9	10.3		





#37

Trichloroethene

Concen: 17.68 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 40679

Ion Ratio Lower Upper

130 100

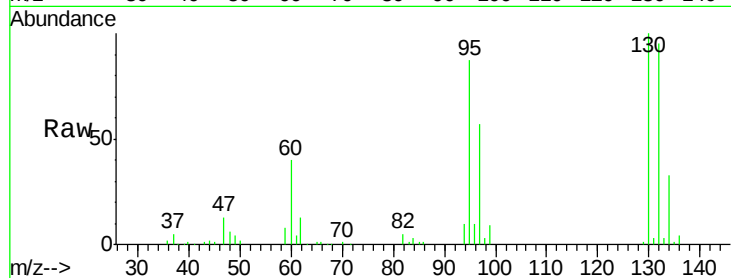
95 86.6 74.6 112.0

Manual Integrations

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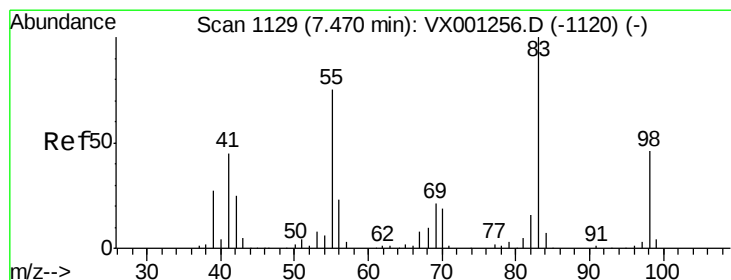
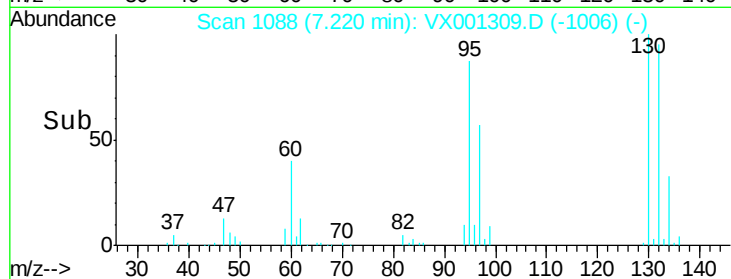
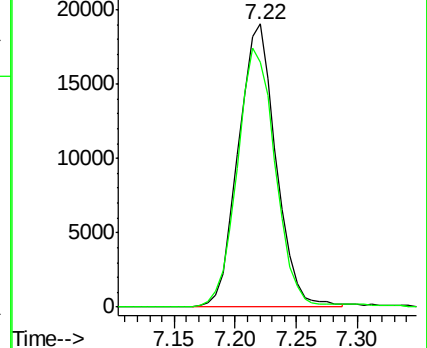
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 17.39 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

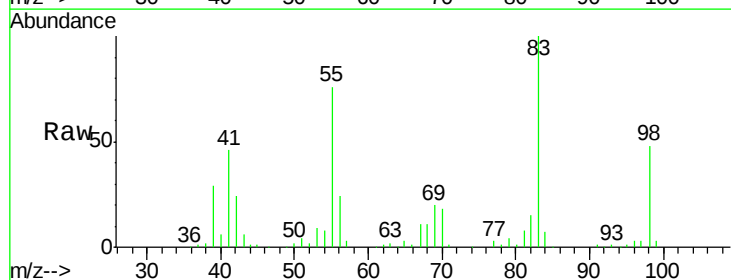
Tgt Ion: 83 Resp: 52390

Ion Ratio Lower Upper

83 100

55 76.2 35.9 107.7

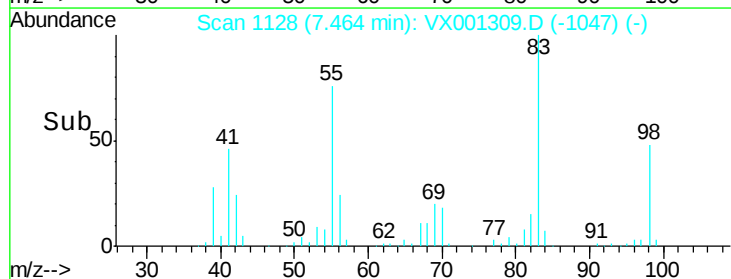
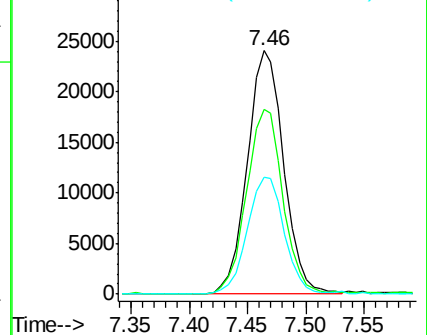
98 48.5 24.6 74.0

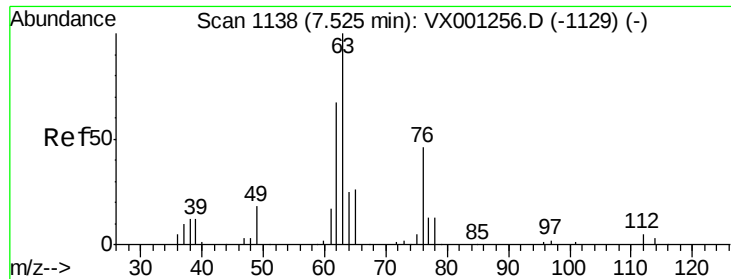


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





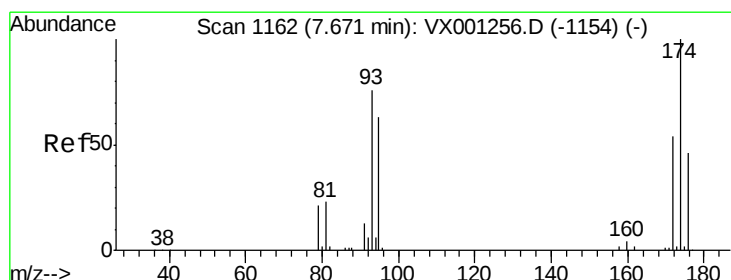
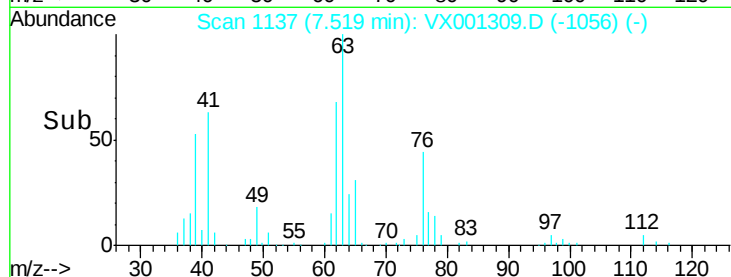
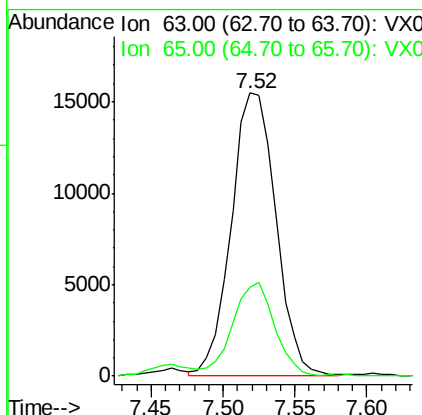
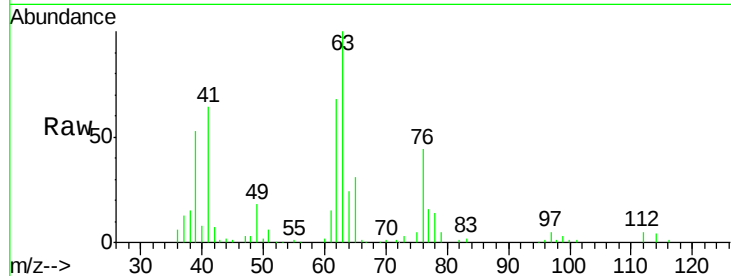
#39
 1,2-Dichloropropane
 Concen: 17.41 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 63 Resp: 33499
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6

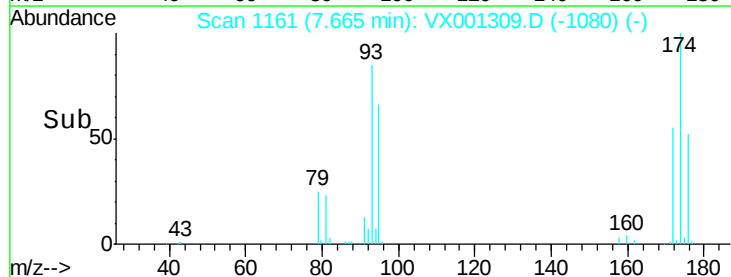
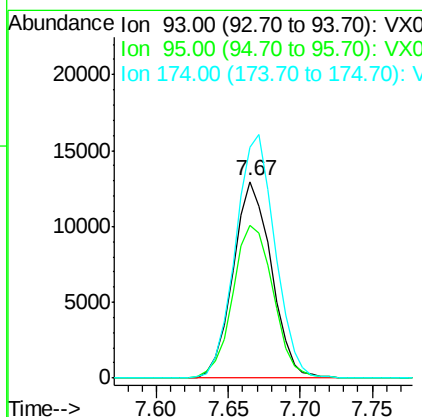
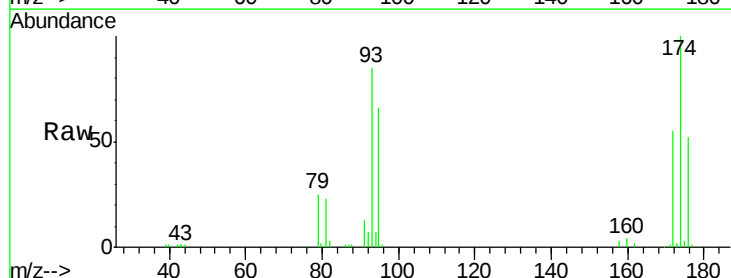
Manual Integrations
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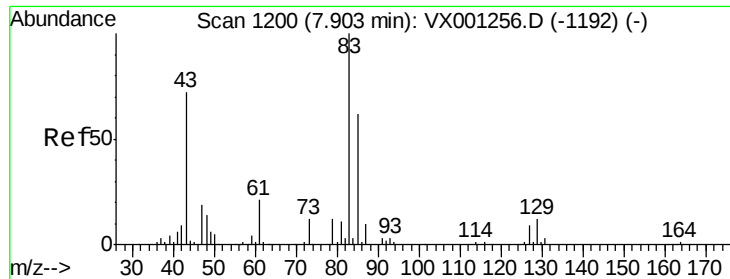
MMDadoda
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#40
 Dibromomethane
 Concen: 17.71 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion: 93 Resp: 23974
 Ion Ratio Lower Upper
 93 100
 95 82.2 0.0 170.6
 174 127.4 0.0 210.4





#41

Bromodichloromethane

Concen: 16.35 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

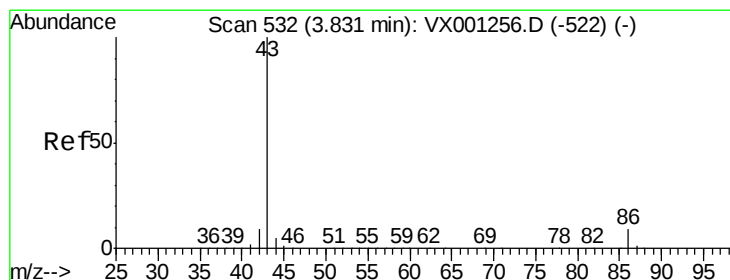
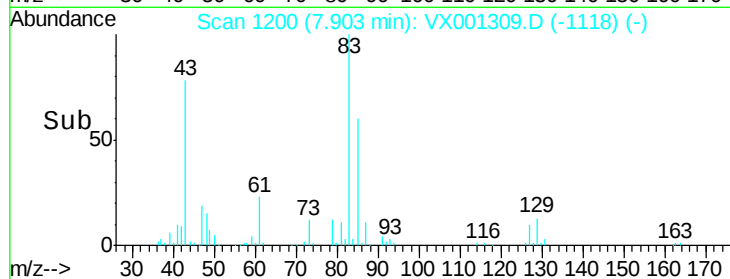
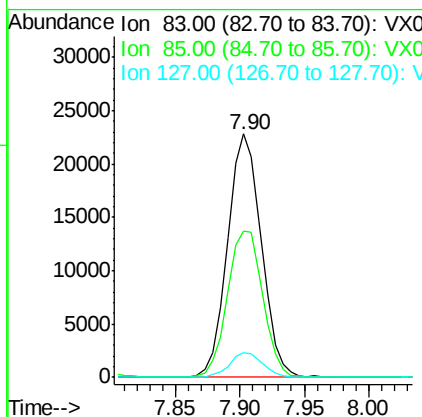
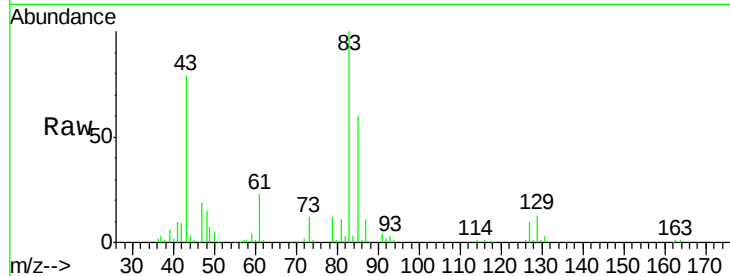
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	41809
Ion	Ratio	Lower	Upper
83	100		
85	60.1	50.0	75.0
127	10.2	6.6	10.0#

Manual Integrations
APPROVED

MMDadoda
5/3/2018 12:21:15 PM



#42

Vinyl Acetate

Concen: 86.97 ug/l

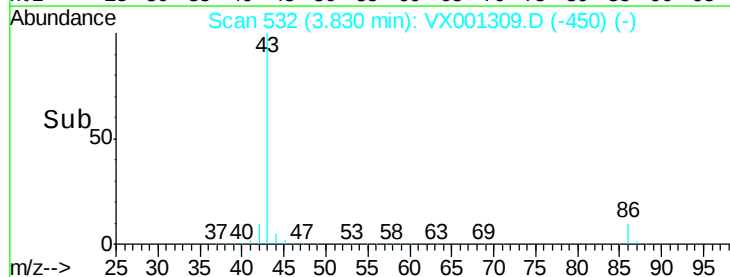
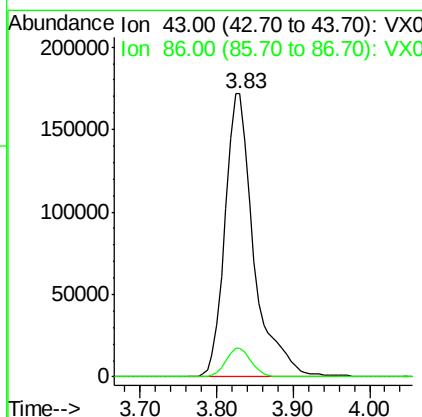
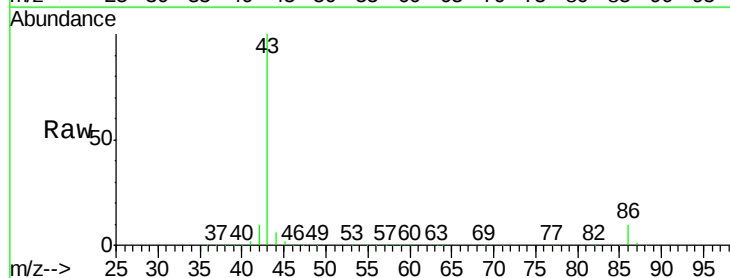
RT: 3.83 min Scan# 532

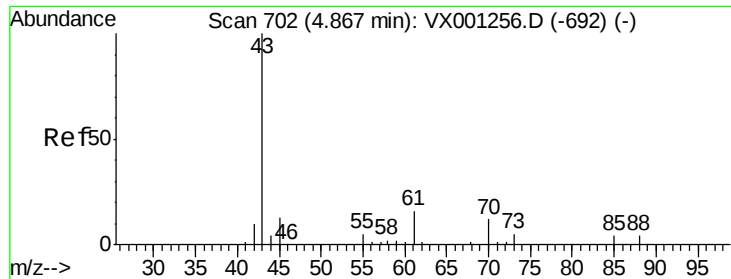
Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Tgt Ion:	43	Resp:	448829
Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.8	11.6





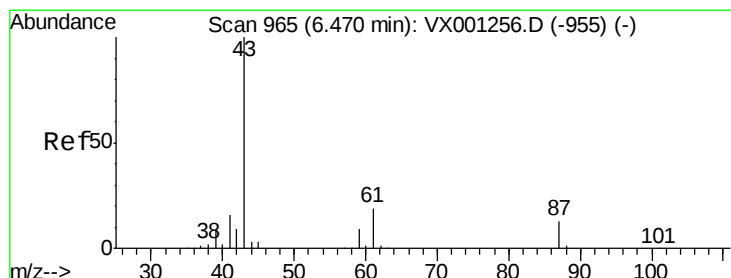
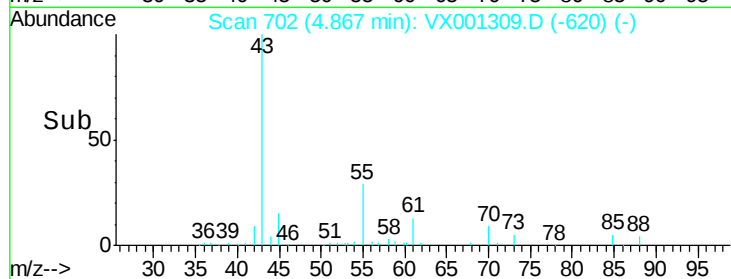
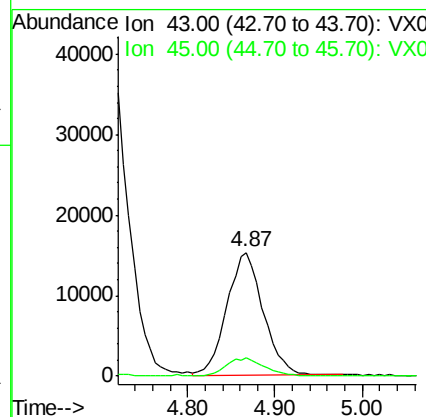
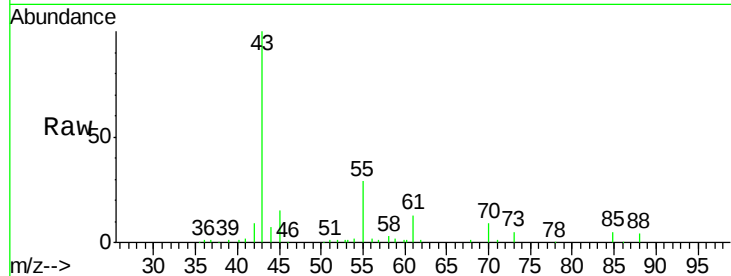
#43
Ethyl Acetate
Concen: 17.36 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion: 43 Resp: 43871
Ion Ratio Lower Upper
43 100
45 16.0 11.4 17.0

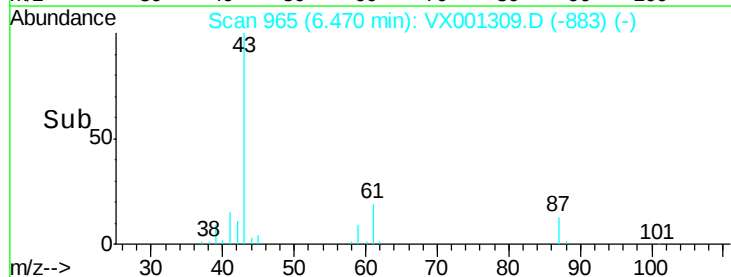
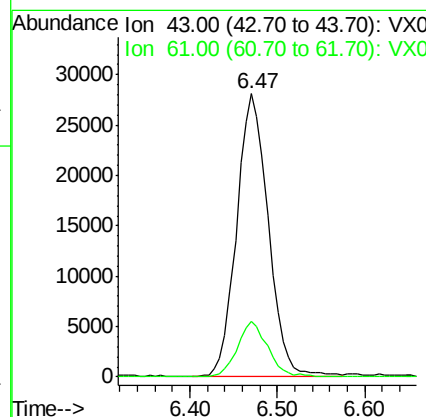
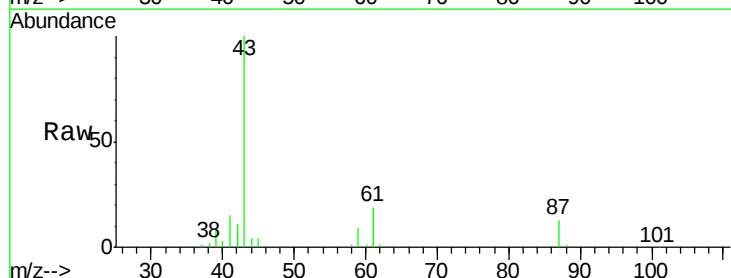
Manual Integrations
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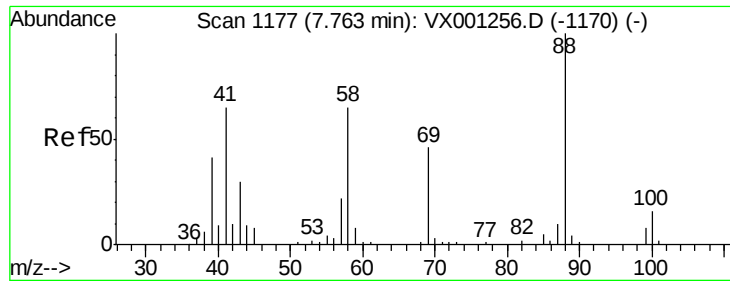
MMDadoda
5/3/2018 12:21:15 PM



#44
Isopropyl Acetate
Concen: 16.37 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion: 43 Resp: 70383
Ion Ratio Lower Upper
43 100
61 19.0 15.7 23.5





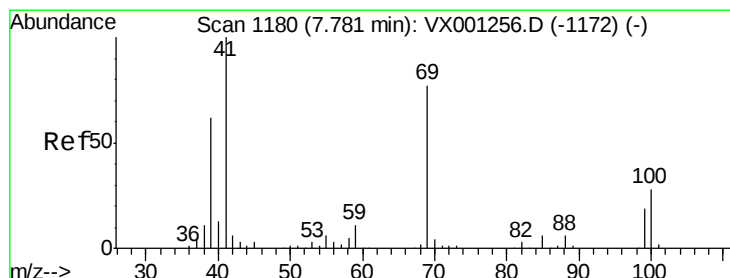
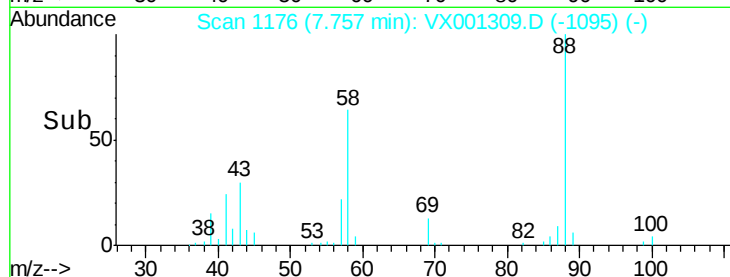
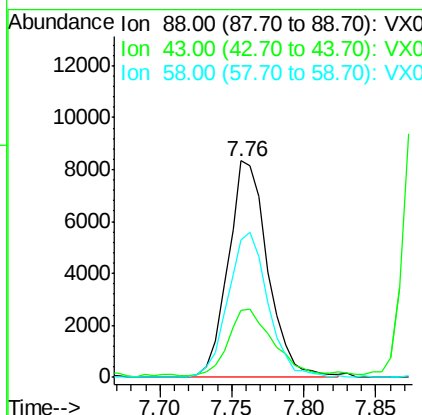
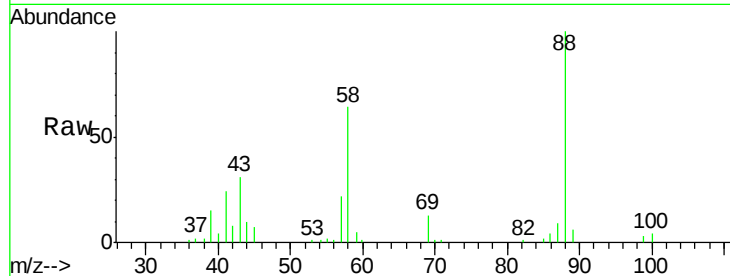
#45
 1,4-Dioxane
 Concen: 409.81 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	26.8	40.2
58	67.5	52.1	78.1

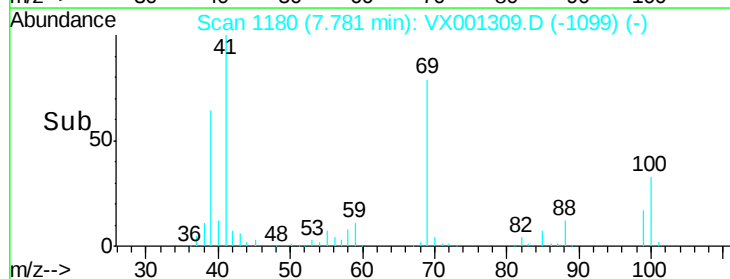
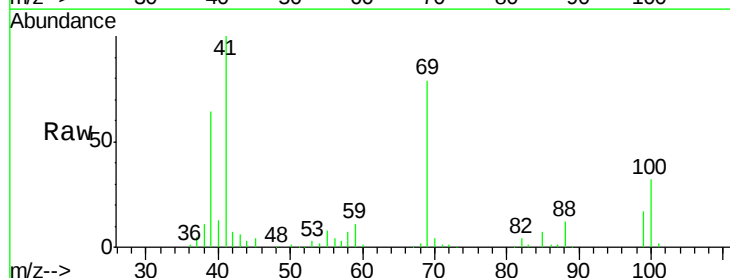
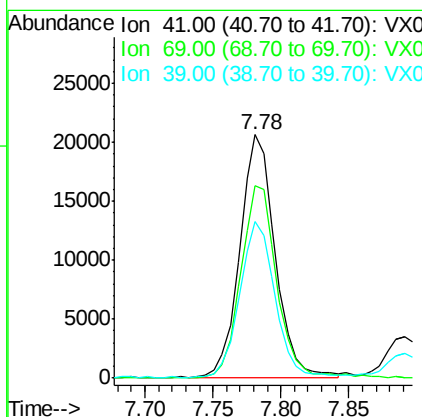
Manual Integrations
 APPROVED

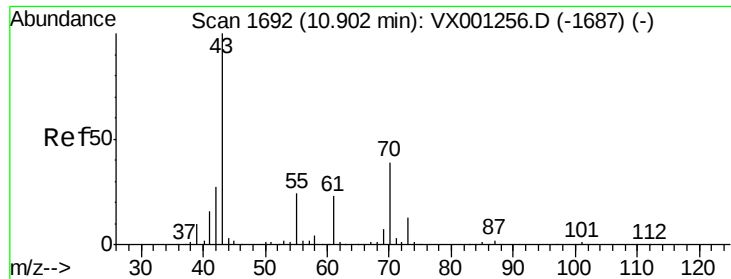
MMDadoda
 5/3/2018 12:21:15 PM



#46
 Methyl methacrylate
 Concen: 16.58 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.6	45.5	136.5
39	64.2	32.5	97.5





#47

n-amvl Acetate

Concen: 15.47 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 63826

Ion Ratio Lower Upper

43 100

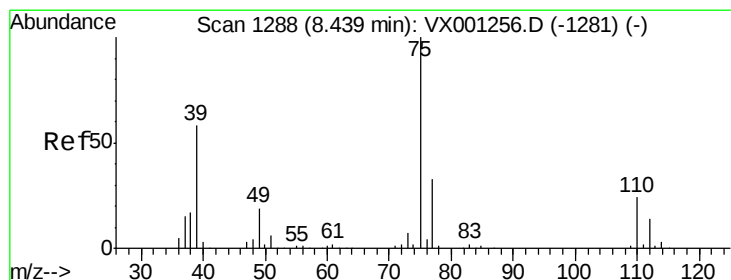
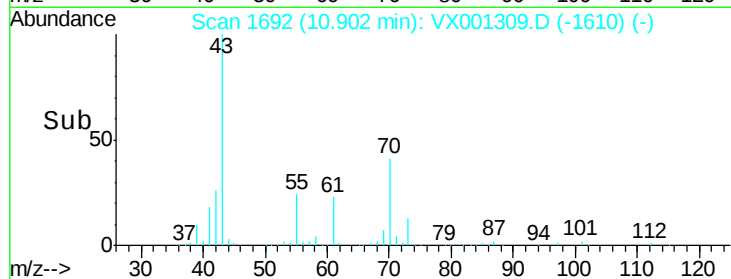
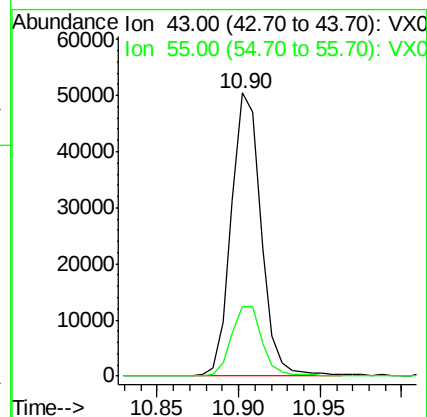
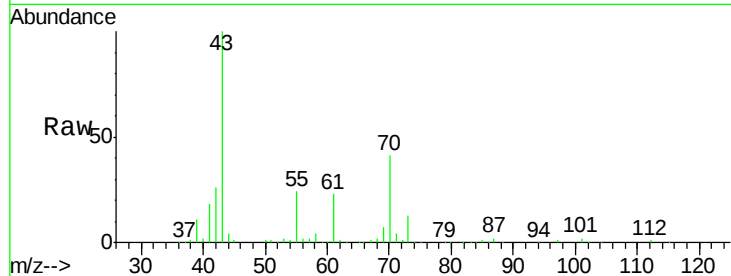
55 26.0 19.4 29.2

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 16.19 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001309.D

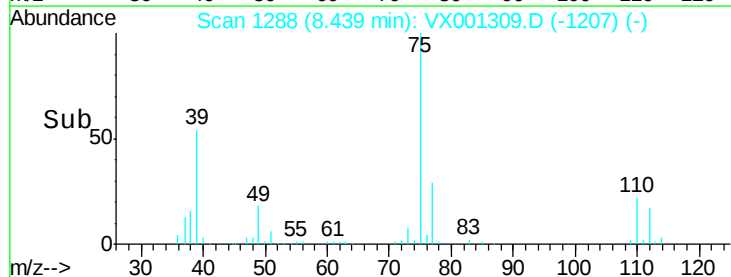
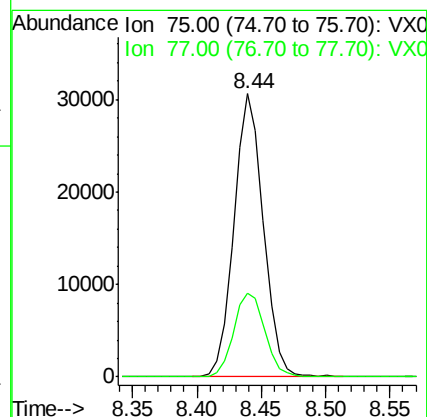
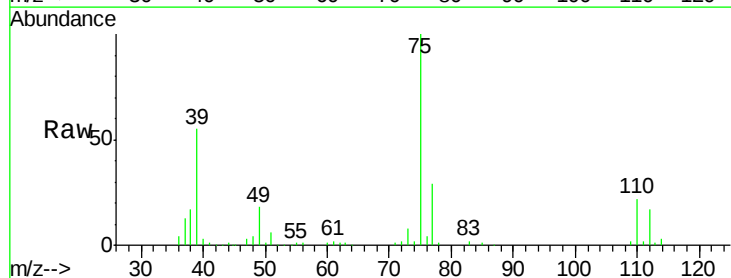
Acq: 02 May 2018 10:06

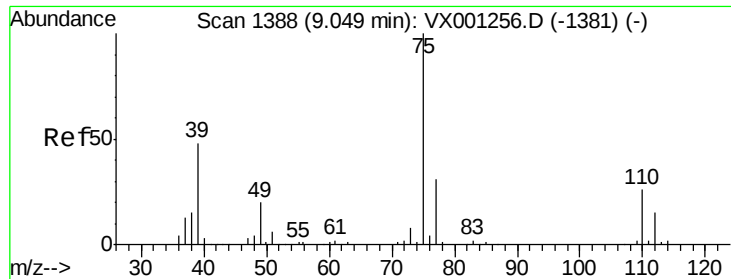
Tgt Ion: 75 Resp: 48745

Ion Ratio Lower Upper

75 100

77 29.4 24.6 37.0





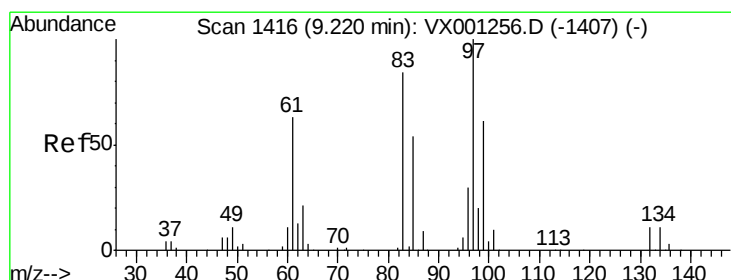
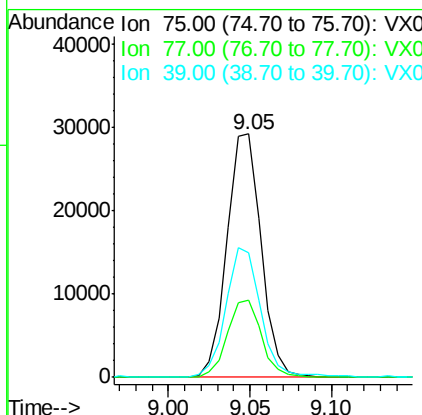
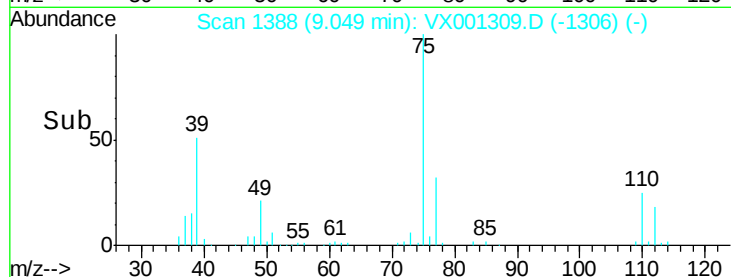
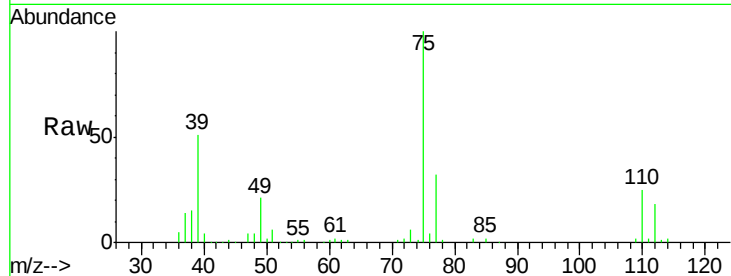
#49
 cis-1,3-Dichloropropene
 Concen: 14.76 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:	75	Resp:	42553
Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.5	36.7
39	50.7	35.6	53.4

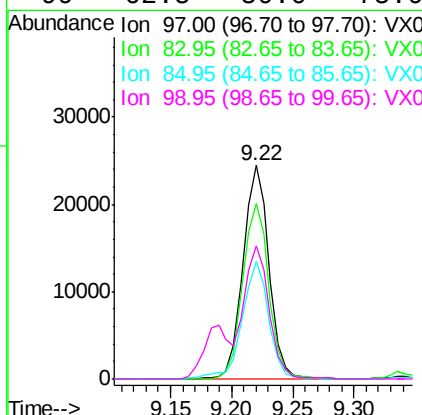
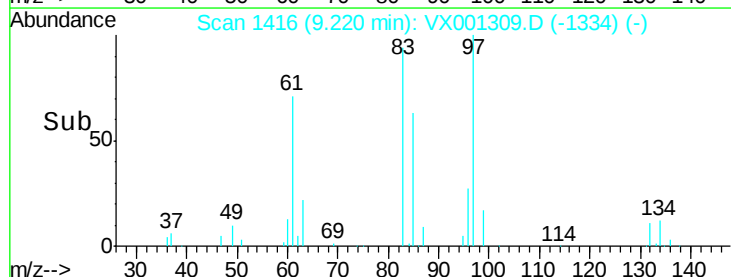
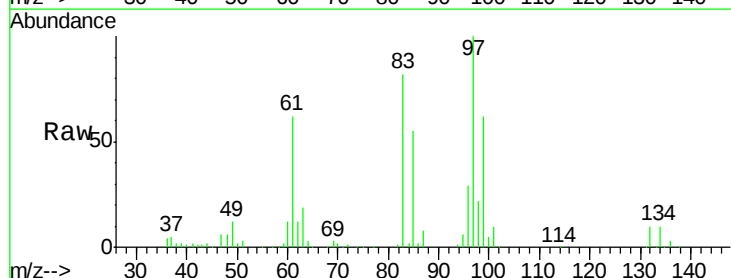
Manual Integrations
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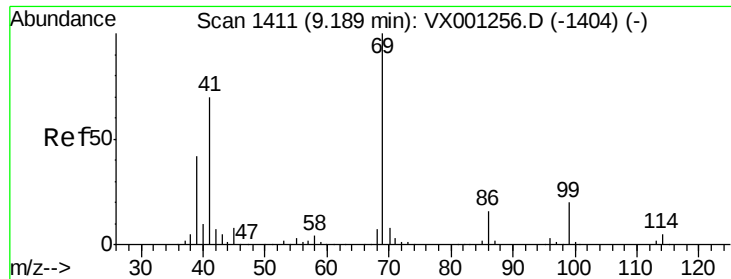
MMDadoda
 5/3/2018 12:21:15 PM



#50
 1,1,2-Trichloroethane
 Concen: 17.87 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion:	97	Resp:	35926
Ion	Ratio	Lower	Upper
97	100		
83	82.1	66.9	100.3
85	55.4	44.4	66.6
99	62.5	50.0	75.0





#51

Ethyl methacrylate

Concen: 16.62 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

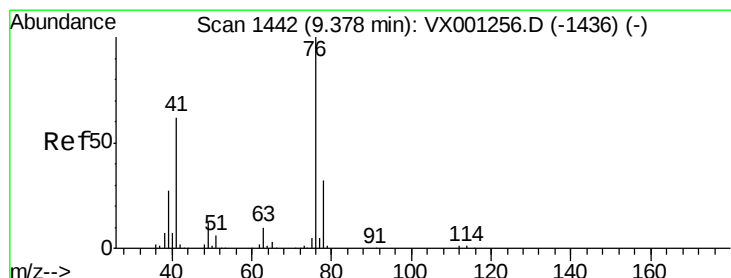
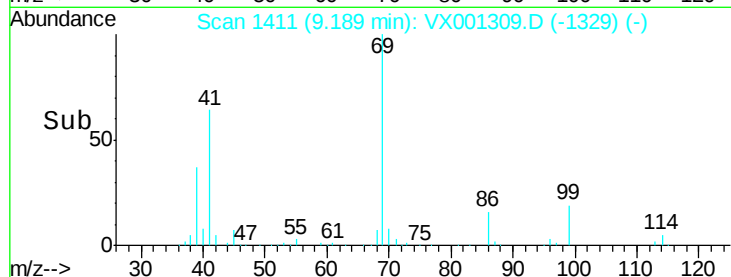
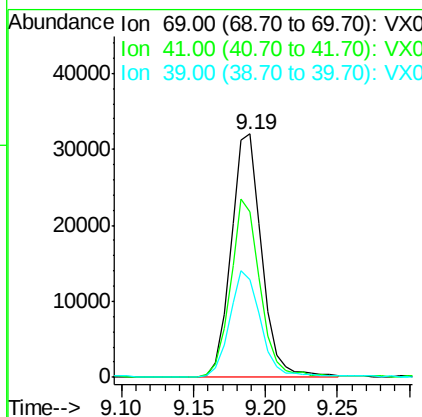
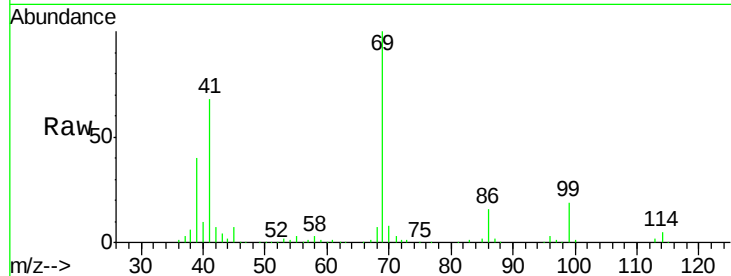
ClientSampled :

VSTDCCC020

Tot Ion:	69	Resp:	47612
Ion	Ratio	Lower	Upper
69	100		
41	67.8	32.1	96.3
39	39.6	19.6	58.7

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 17.64 ug/l

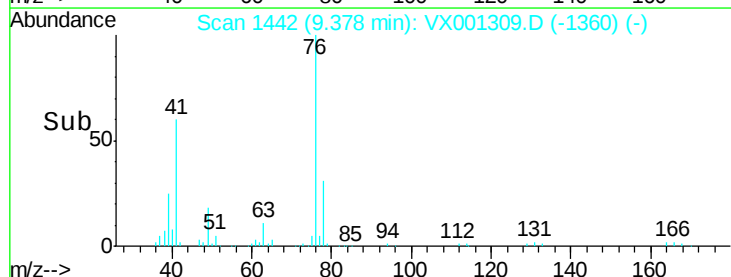
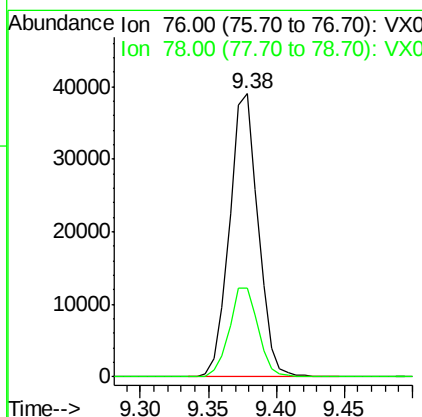
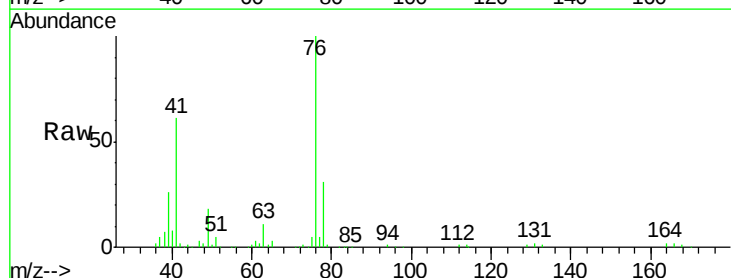
RT: 9.38 min Scan# 1442

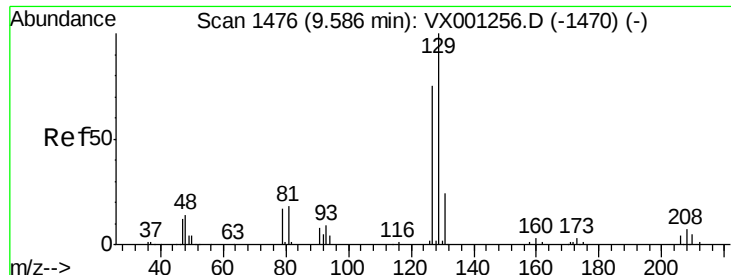
Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Tgt Ion:	76	Resp:	57314
Ion	Ratio	Lower	Upper
76	100		
78	31.8	0.0	65.0





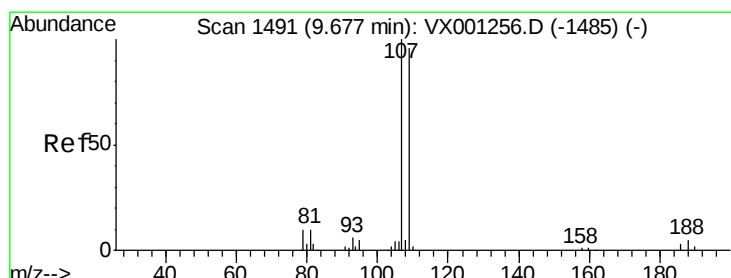
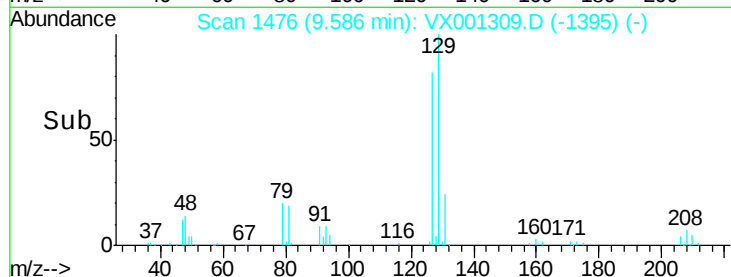
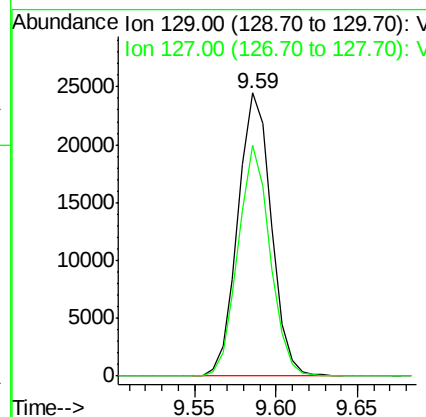
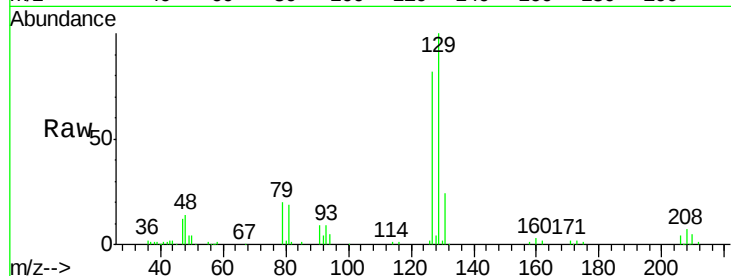
#53
 Dibromochloromethane
 Concen: 15.75 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:129 Resp: 34950
 Ion Ratio Lower Upper
 129 100
 127 78.0 37.5 112.5

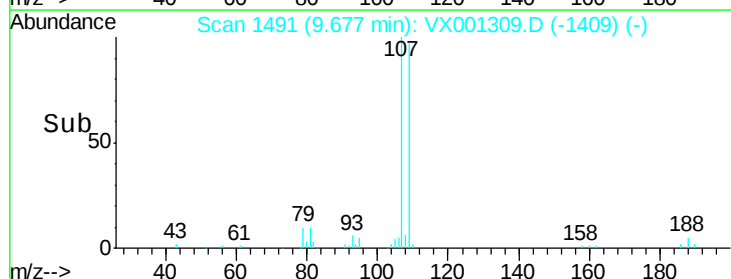
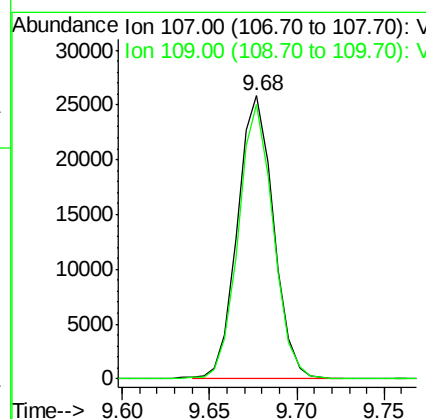
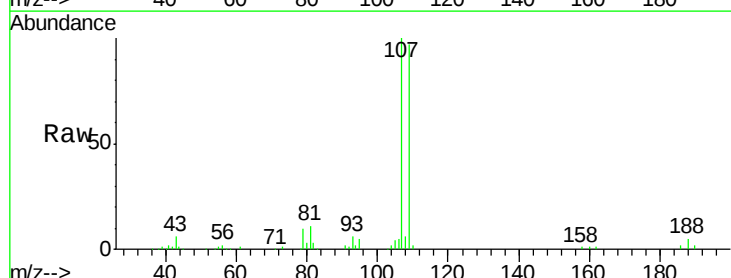
Manual Integrations
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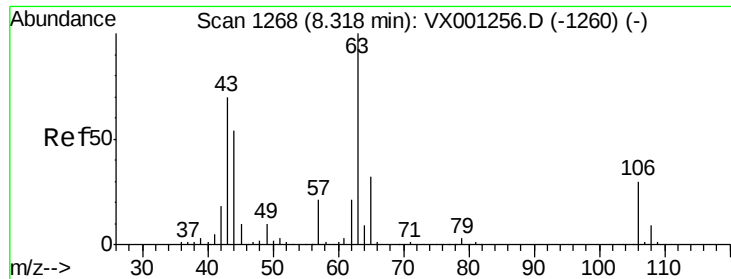
MMDadoda
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#54
 1,2-Dibromoethane
 Concen: 17.23 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion:107 Resp: 37077
 Ion Ratio Lower Upper
 107 100
 109 94.2 74.5 111.7





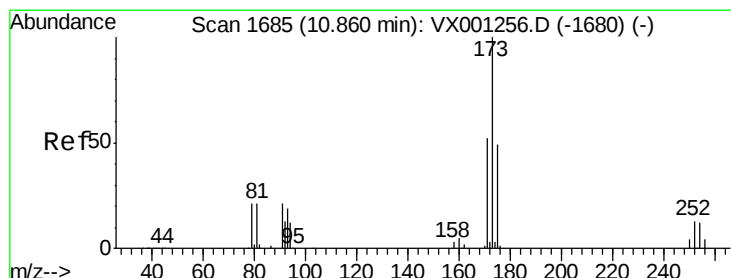
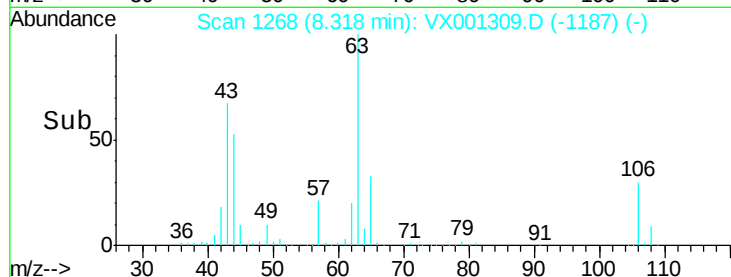
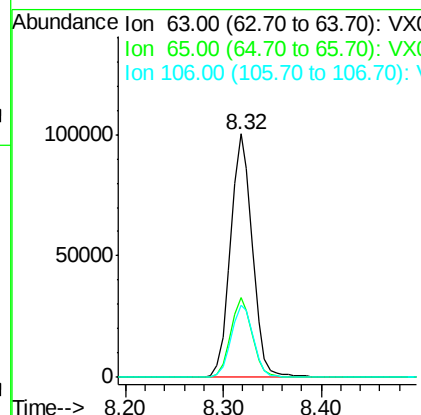
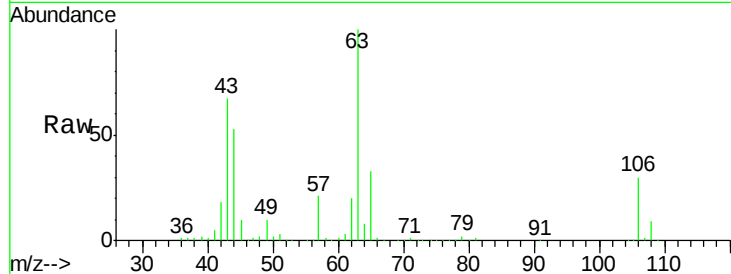
#55
2-Chloroethyl vinyl ether
Concen: 111.10 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.8	38.8
106	29.9	23.8	35.6

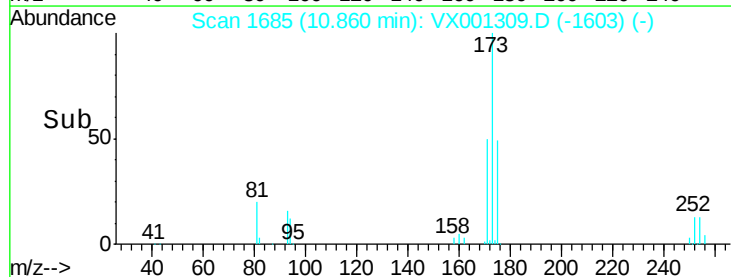
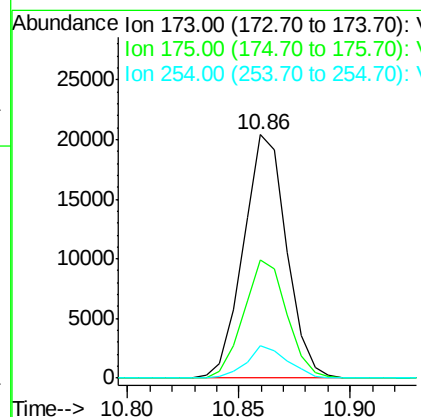
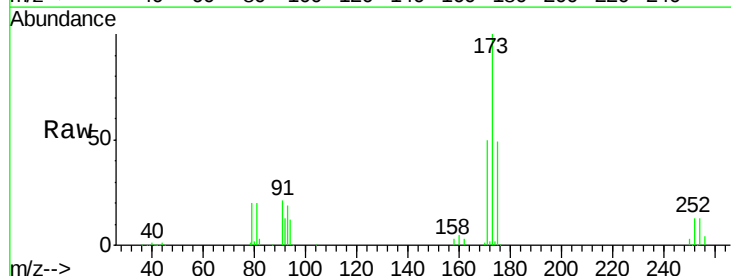
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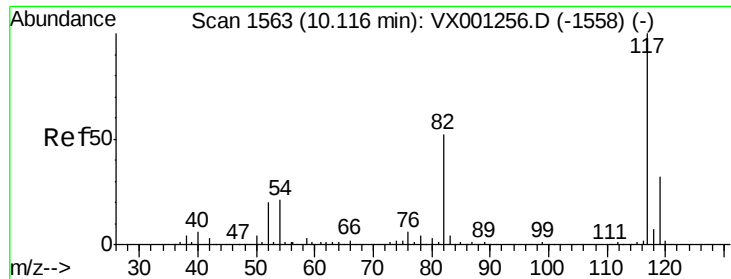
MMDadoda
5/3/2018 12:21:15 PM



#56
Bromoform
Concen: 15.18 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.0	58.4
254	12.4	7.0	10.4





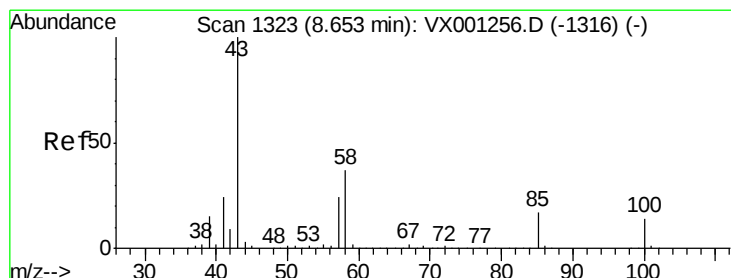
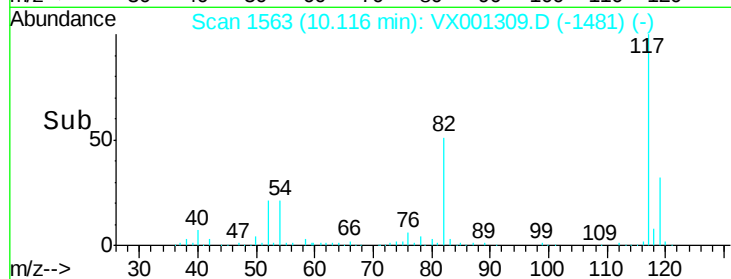
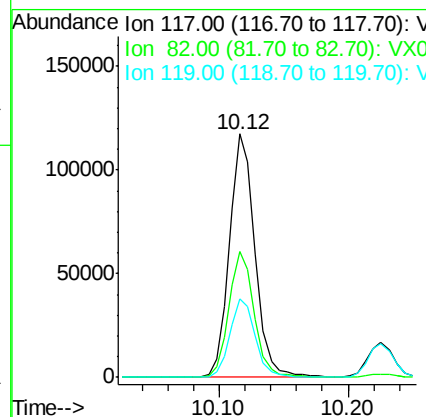
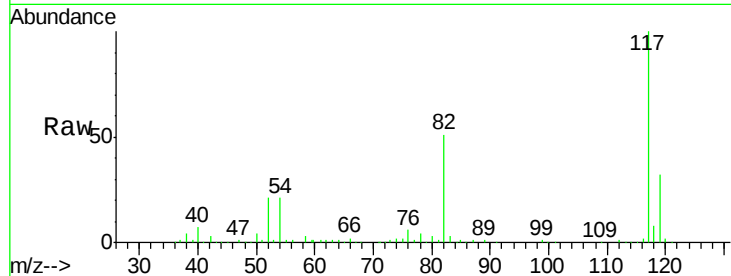
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.0	64.4
119	32.0	25.8	38.8

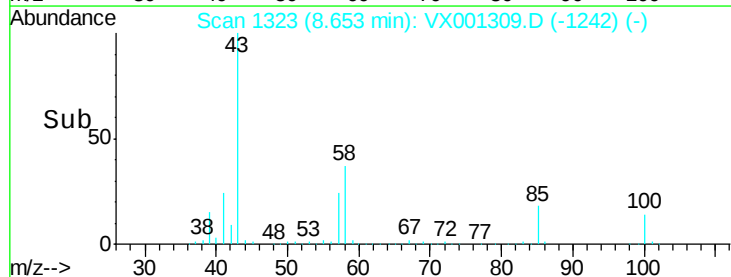
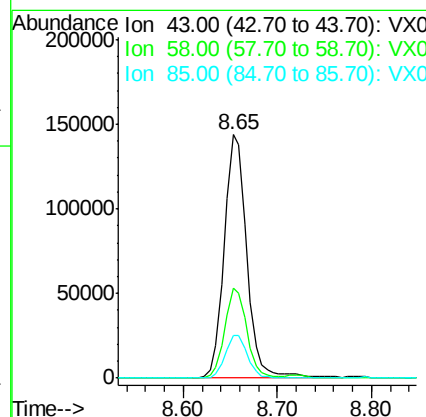
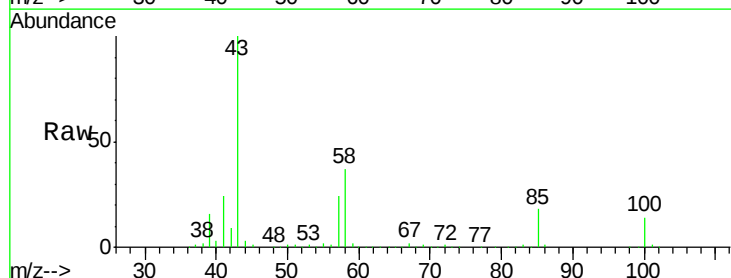
Manual Integrations
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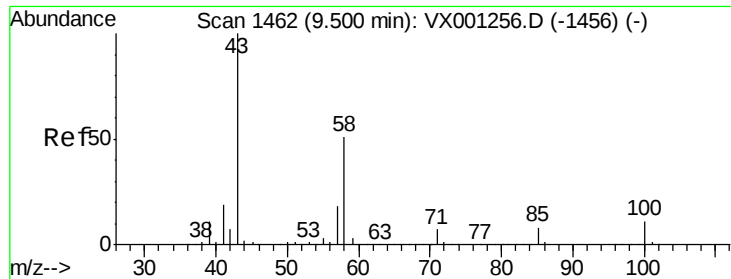
MMDadoda
5/3/2018 12:21:15 PM



#58
4-Methyl-2-Pentanone
Concen: 87.93 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.0	29.8	44.8
85	17.6	14.9	22.3





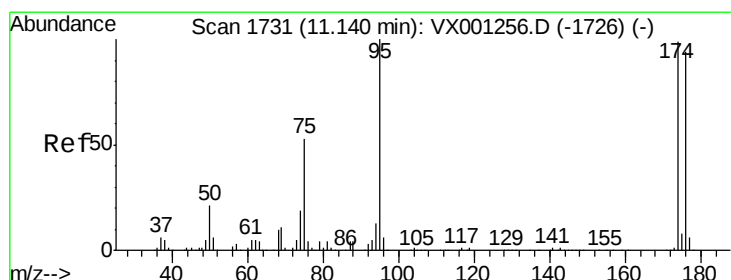
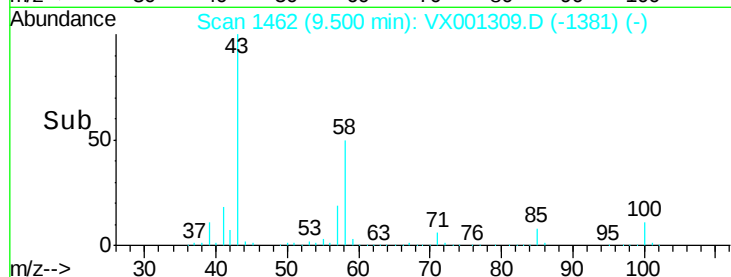
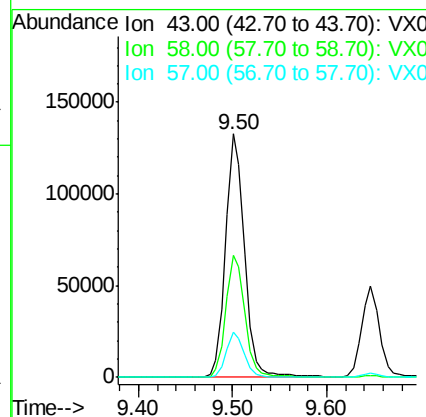
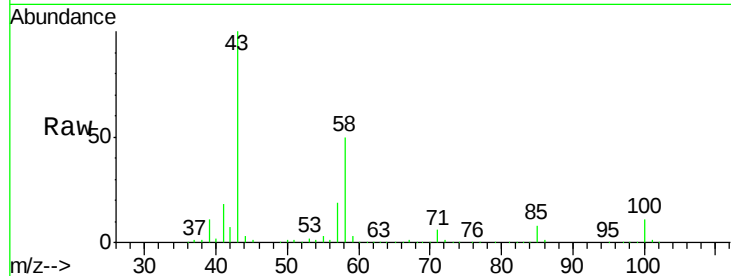
#59
2-Hexanone
Concen: 87.24 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.7	43.0	64.6
57	18.0	14.4	21.6

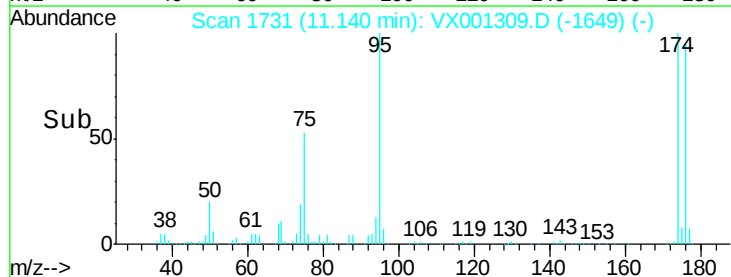
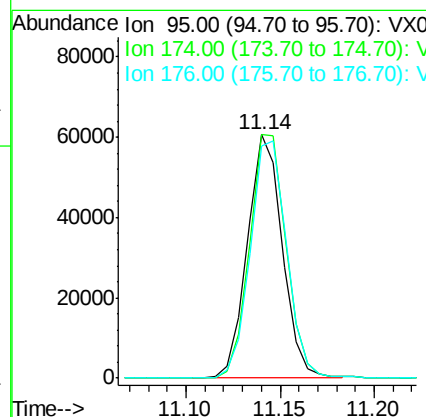
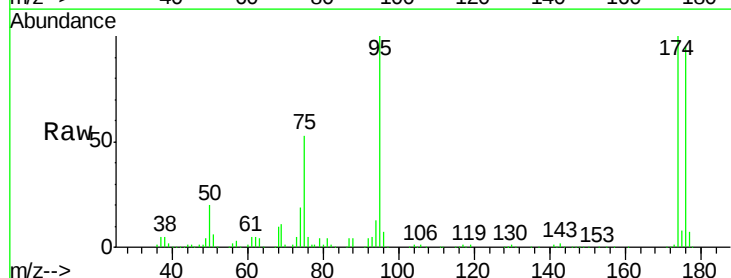
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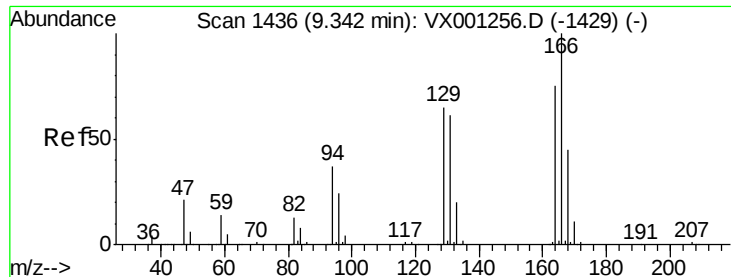
MMDadoda
5/3/2018 12:21:15 PM



#60
4-Bromofluorobenzene
Concen: 28.35 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	105.2	71.1	106.7
176	101.1	69.3	103.9





#61

Tetrachloroethene

Concen: 20.67 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 52006

Ion Ratio Lower Upper

164 100

166 130.8 99.0 148.4

129 81.6 77.0 115.6

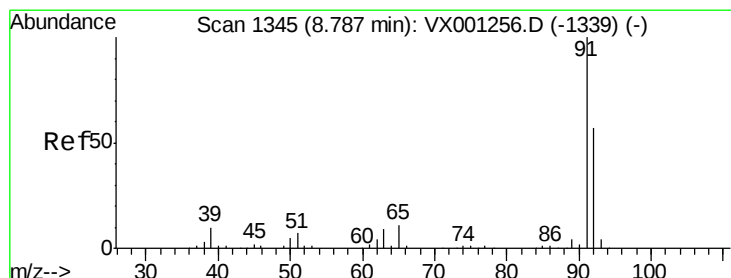
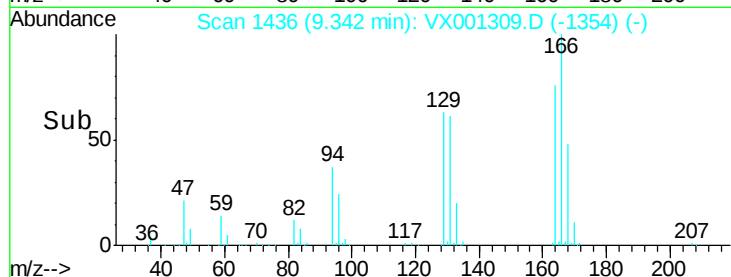
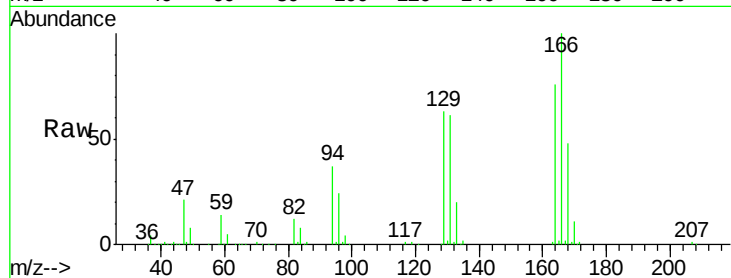
131 80.3 75.8 113.6

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#62

Toluene

Concen: 17.16 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001309.D

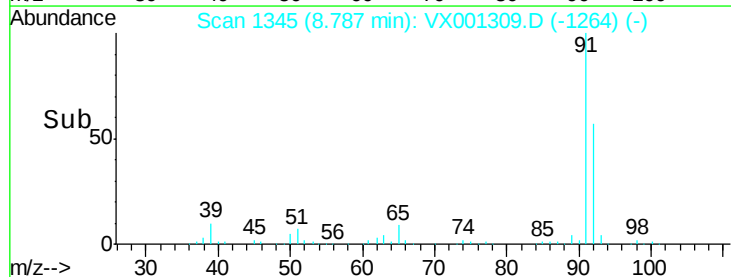
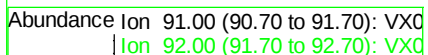
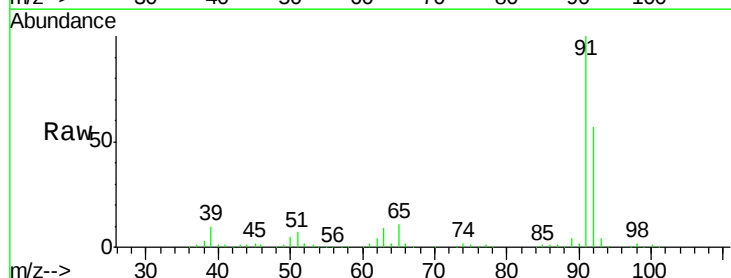
Acq: 02 May 2018 10:06

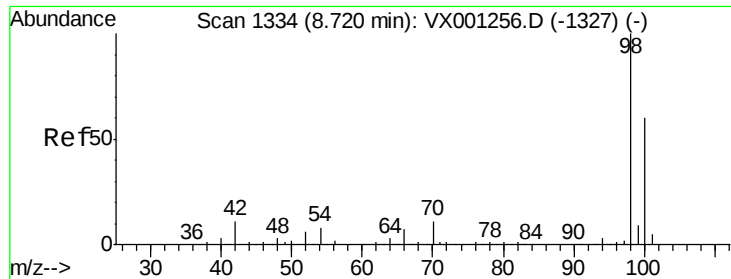
Tgt Ion: 91 Resp: 151453

Ion Ratio Lower Upper

91 100

92 56.7 45.4 68.0





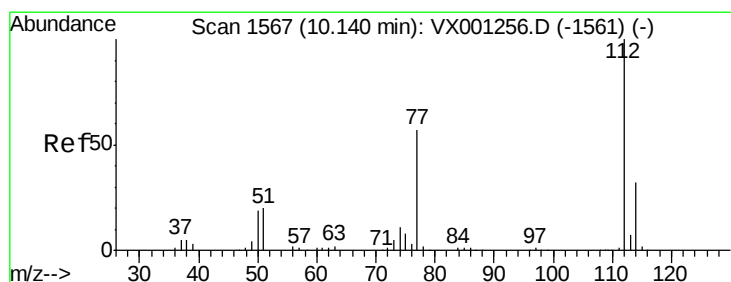
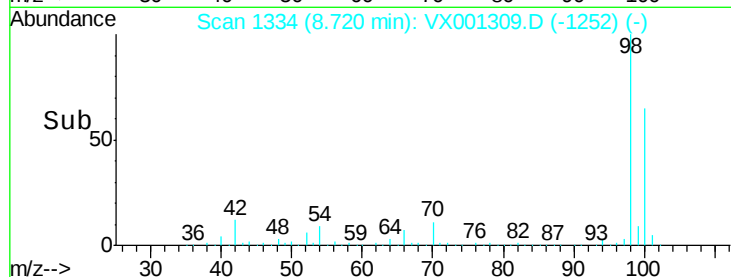
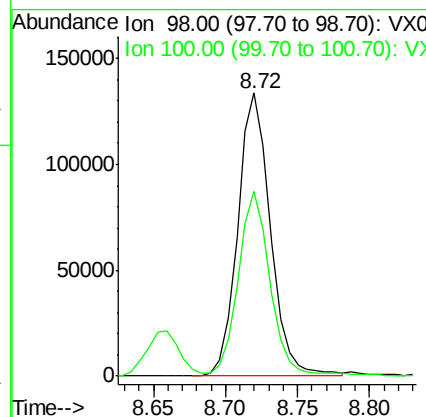
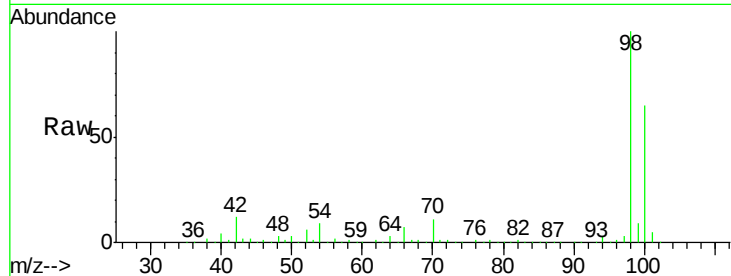
#63
Toluene-d8
Concen: 29.91 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion: 98 Resp: 210601
Ion Ratio Lower Upper
98 100
100 63.9 50.0 75.0

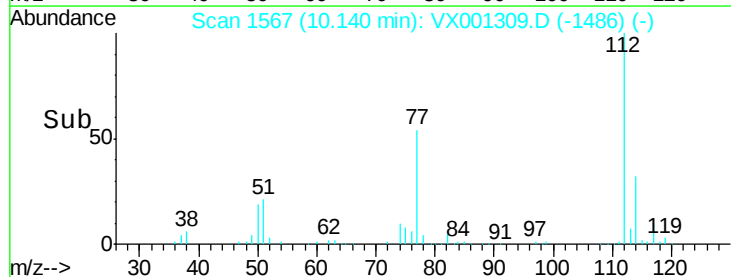
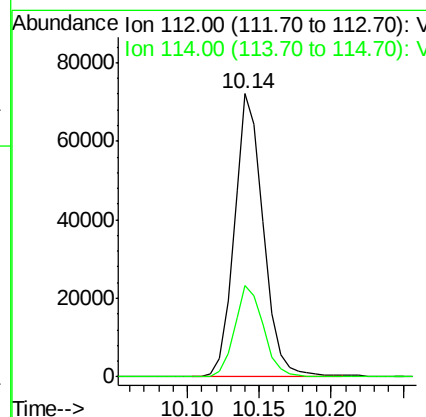
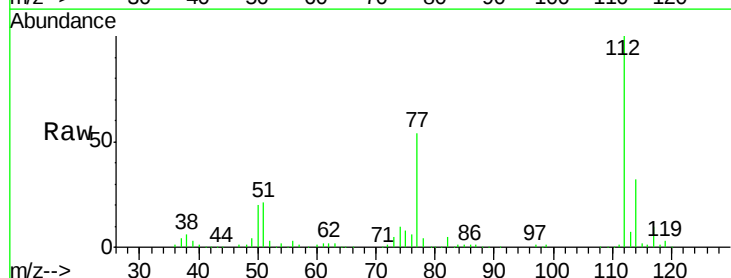
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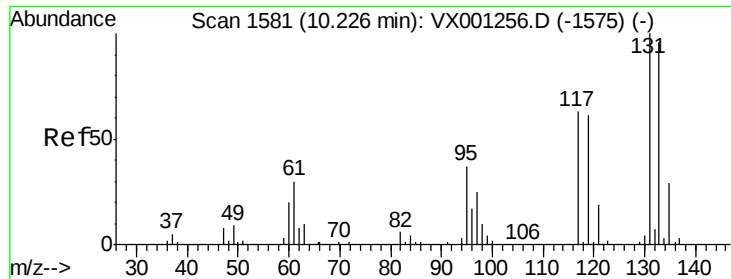
MMDadoda
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#64
Chlorobenzene
Concen: 17.04 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion: 112 Resp: 101478
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 16.18 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

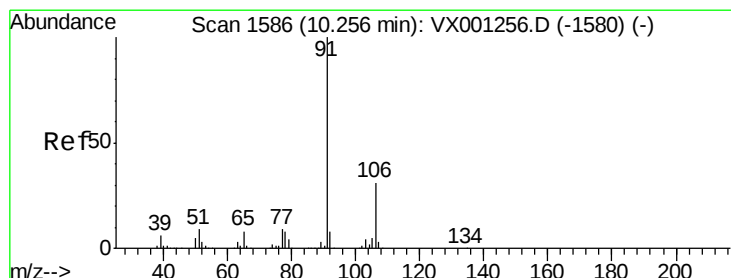
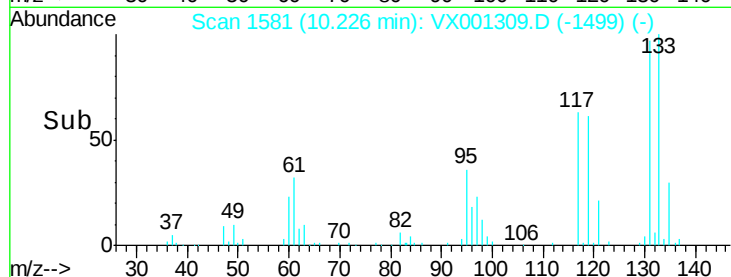
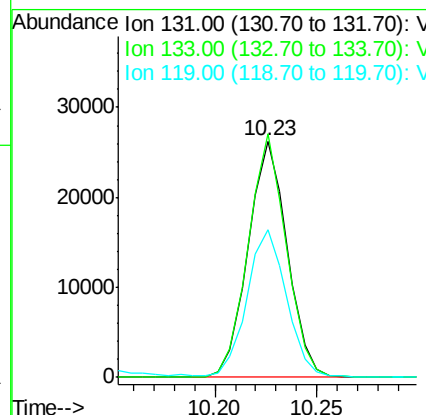
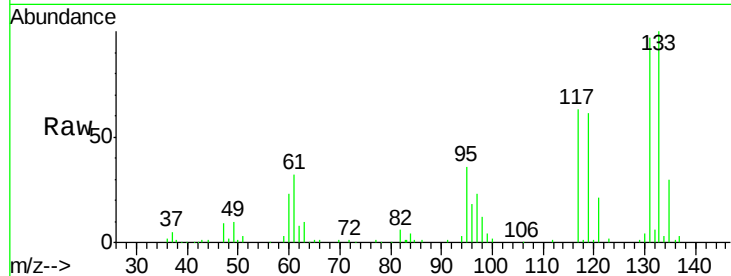
ClientSampled :

VSTDCCC020

Tot Ion	Ratio	Lower	Upper
131	100		
133	99.5	0.0	187.6
119	63.4	0.0	134.0

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#66

Ethyl Benzene

Concen: 16.63 ug/l

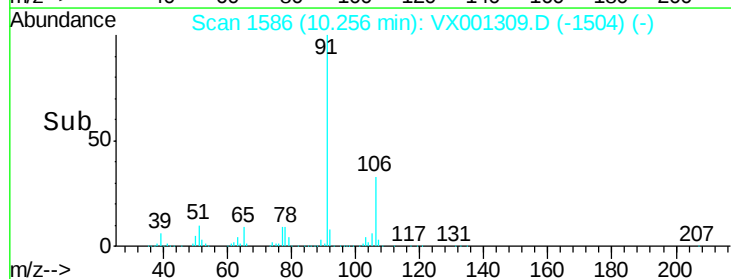
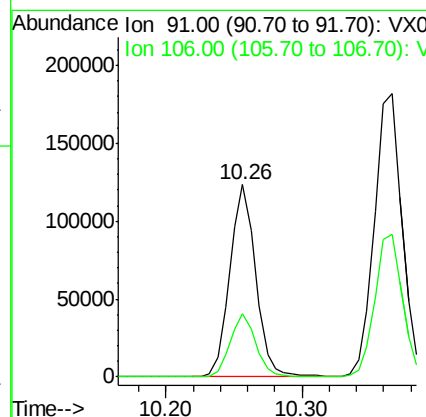
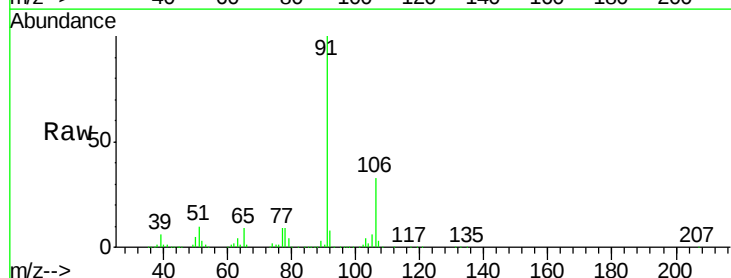
RT: 10.26 min Scan# 1586

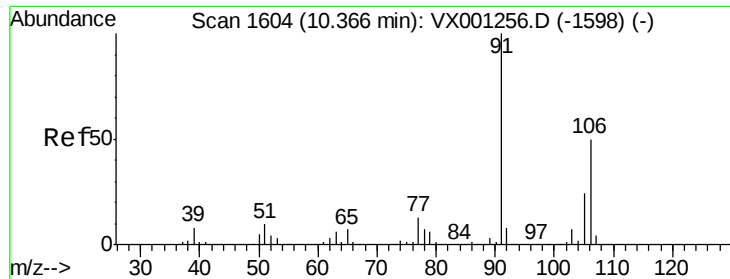
Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.7	25.9	38.9





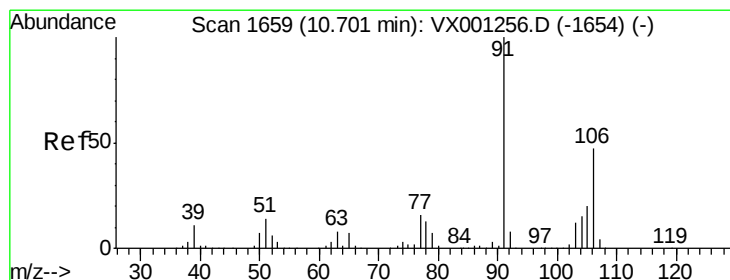
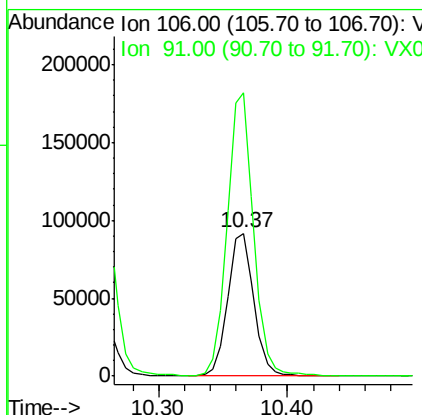
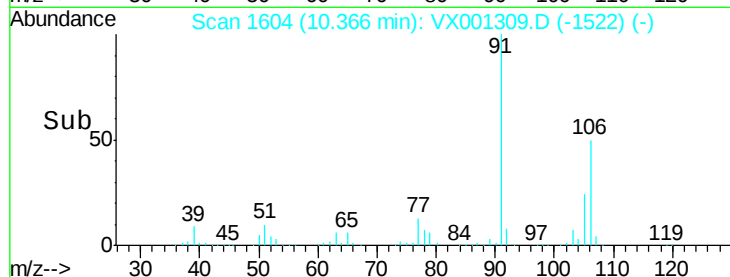
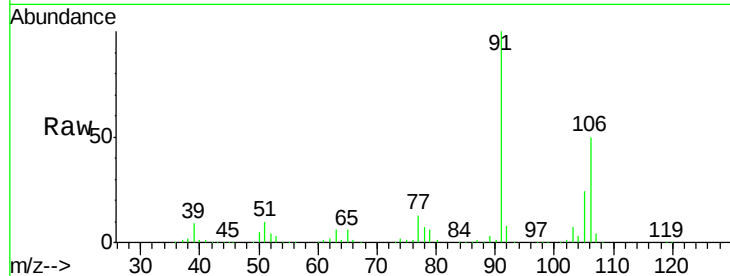
#67
m/p-Xvlenes
Concen: 33.32 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:106 Resp: 130370
Ion Ratio Lower Upper
106 100
91 200.7 161.6 242.4

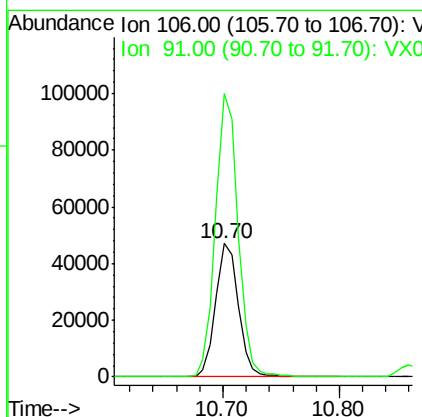
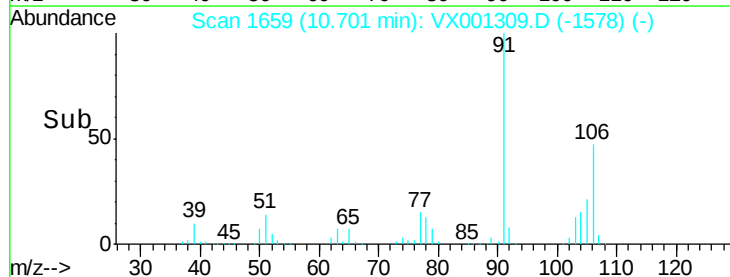
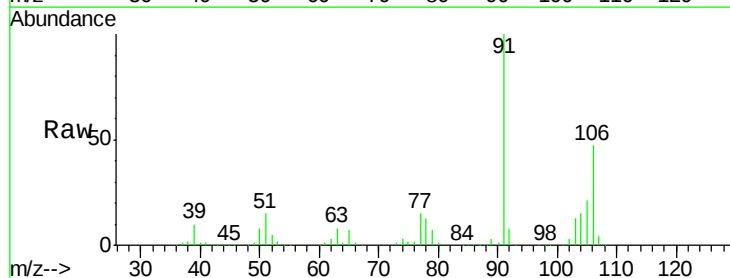
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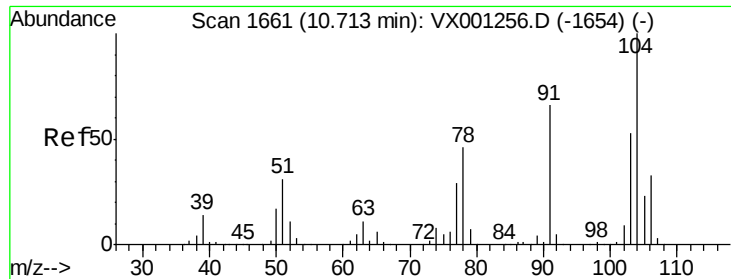
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#68
o-Xylene
Concen: 16.77 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion:106 Resp: 63422
Ion Ratio Lower Upper
106 100
91 210.1 105.6 316.8





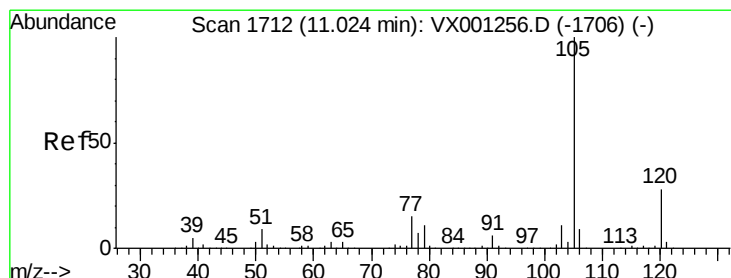
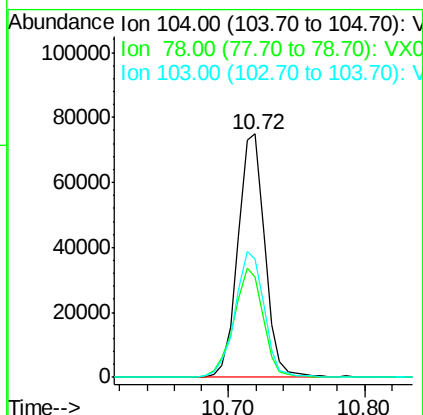
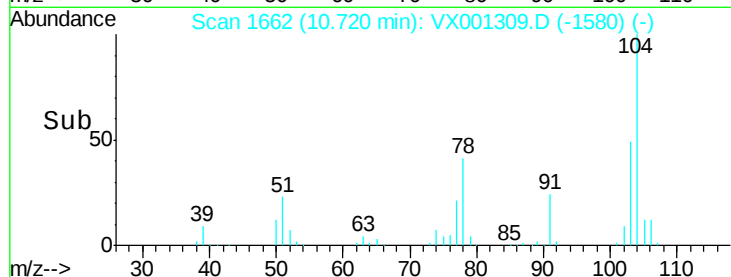
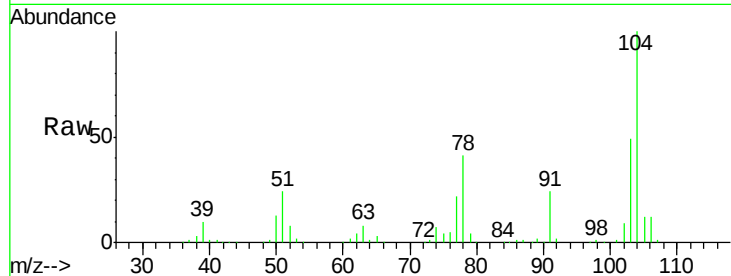
#69
Stvrene
Concen: 16.38 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.0	58.4
103	56.0	44.7	67.1

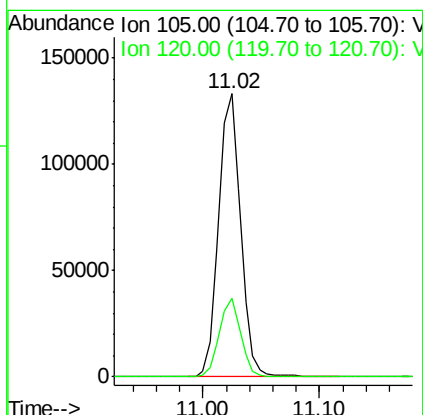
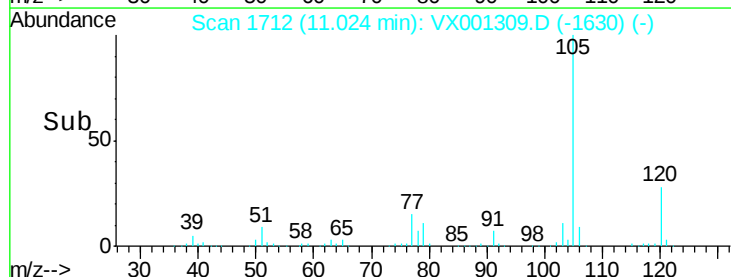
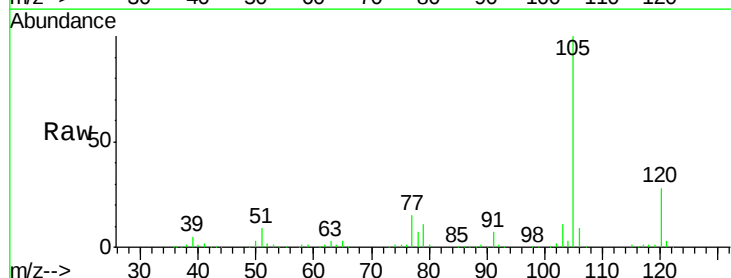
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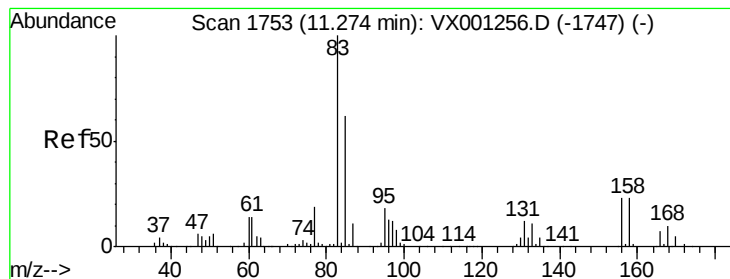
MMDadoda
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#70
Isopropylbenzene
Concen: 16.90 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 16.18 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

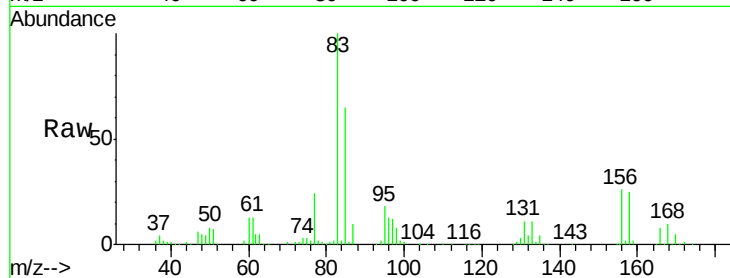
ClientSampled :

VSTDCCC020

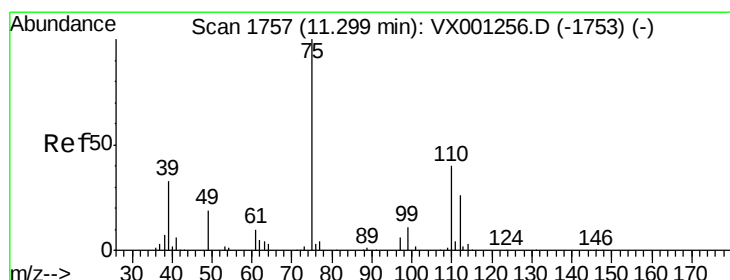
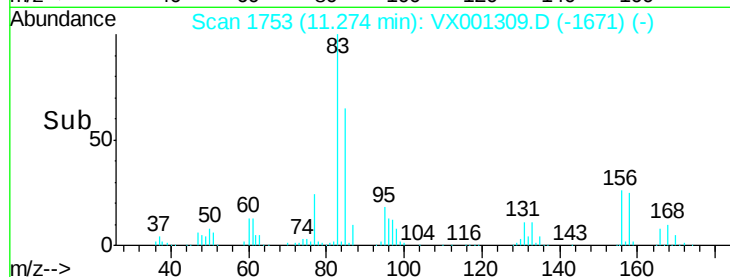
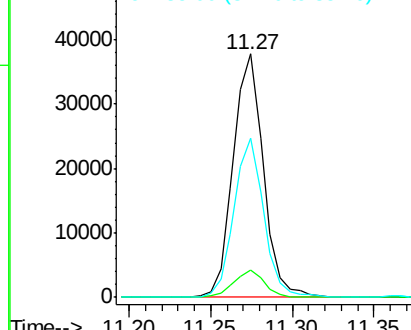
Tot Ion:	83	Resp:	48747
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.3	16.1
85	64.5	32.5	97.5

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Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 17.74 ug/l m

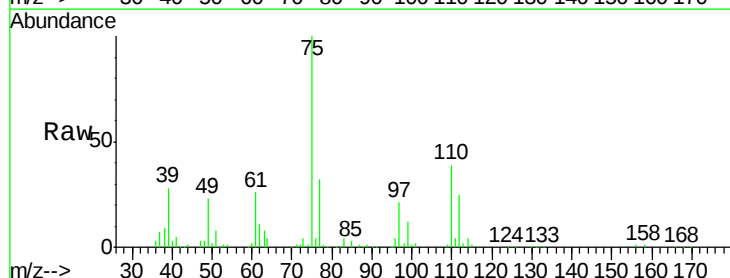
RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

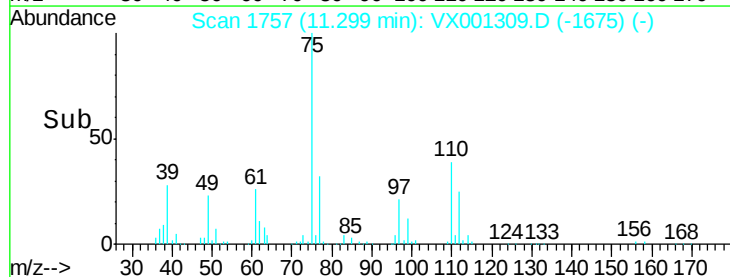
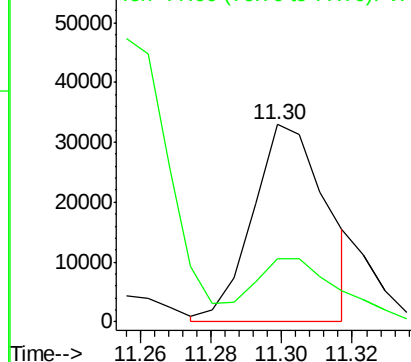
Lab File: VX001309.D

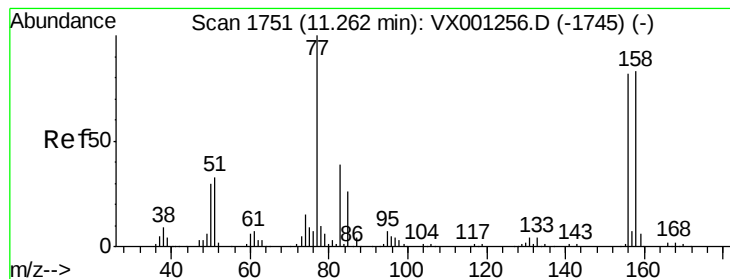
Acq: 02 May 2018 10:06

Tgt Ion:	75	Resp:	47827
Ion Ratio	Lower	Upper	
75	100		
77	38.6	0.0	85.8



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 16.79 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

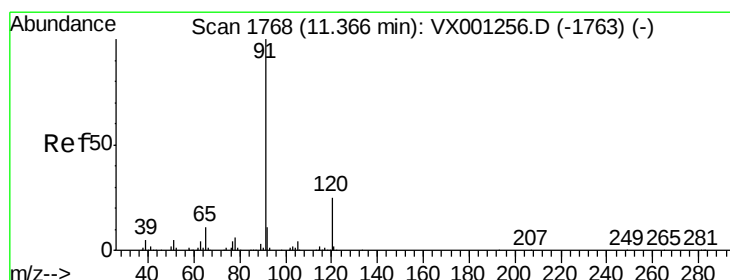
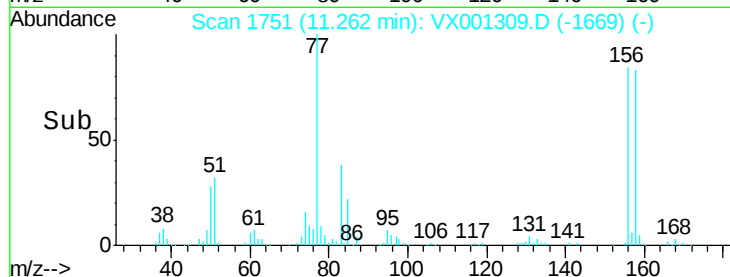
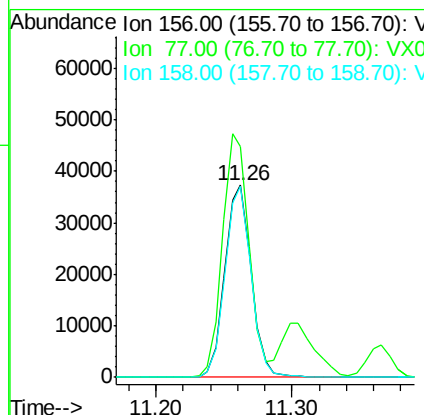
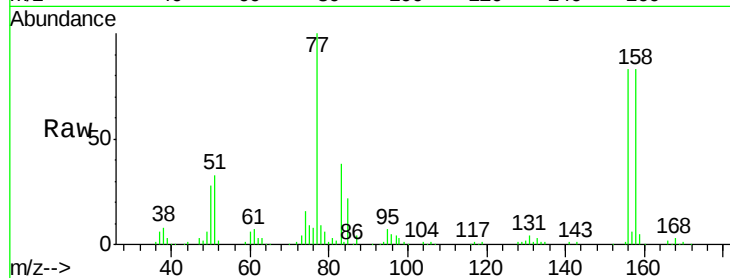
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	50117
Ion	Ratio	Lower	Upper
156	100		
77	126.9	0.0	280.2
158	97.9	0.0	197.2

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#74

n-propylbenzene

Concen: 16.88 ug/l

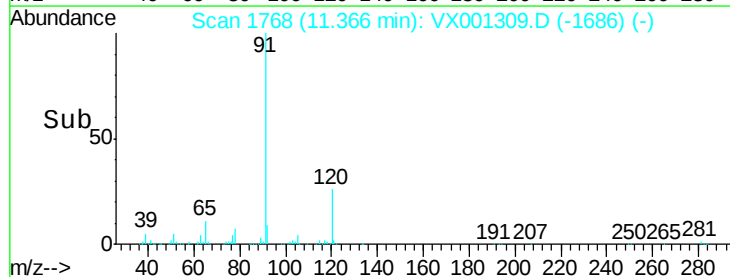
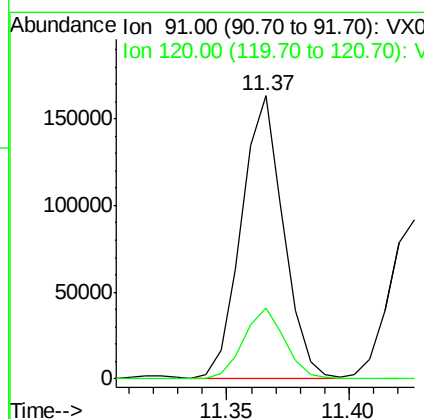
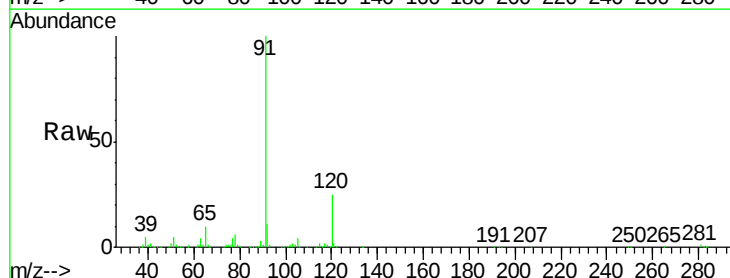
RT: 11.37 min Scan# 1768

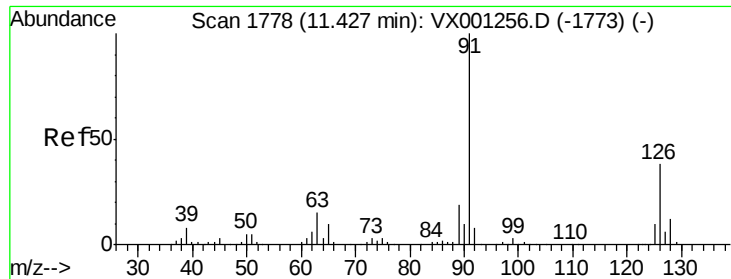
Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Tgt Ion:	91	Resp:	195863
Ion	Ratio	Lower	Upper
91	100		
120	24.7	0.0	47.4





#75

2-Chlorotoluene

Concen: 16.92 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 118472

Ion Ratio Lower Upper

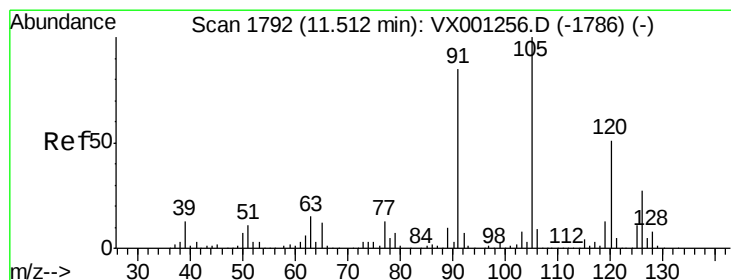
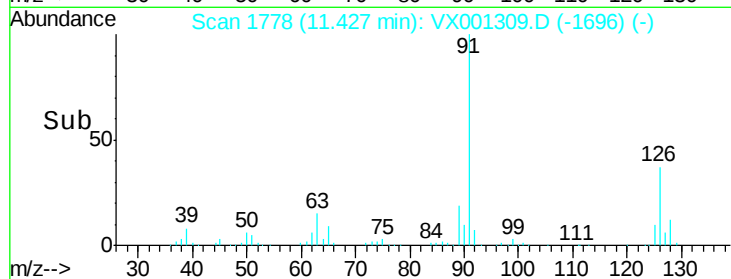
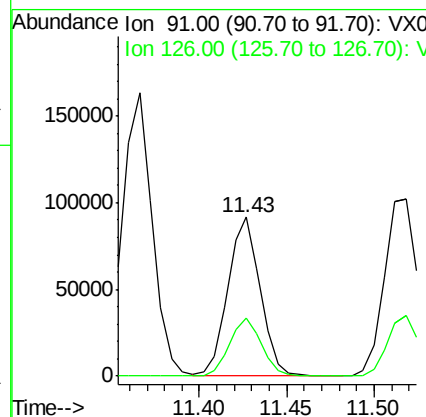
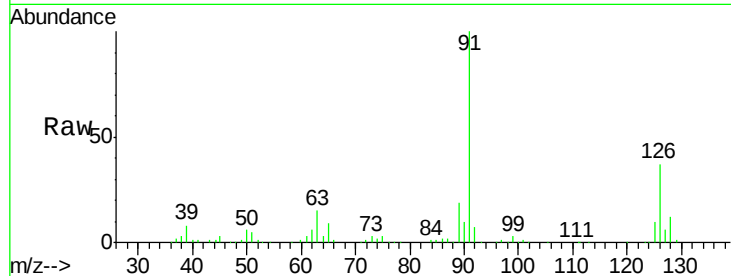
91 100

126 36.1 0.0 71.4

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#76

1,3,5-Trimethylbenzene

Concen: 17.03 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001309.D

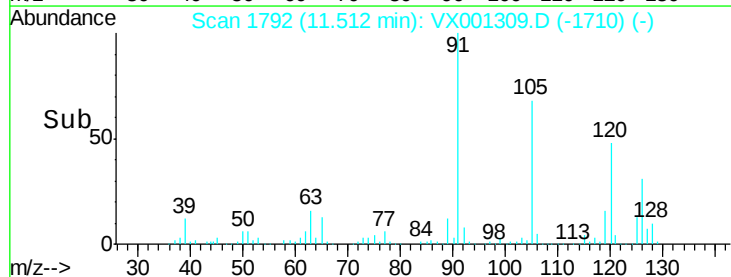
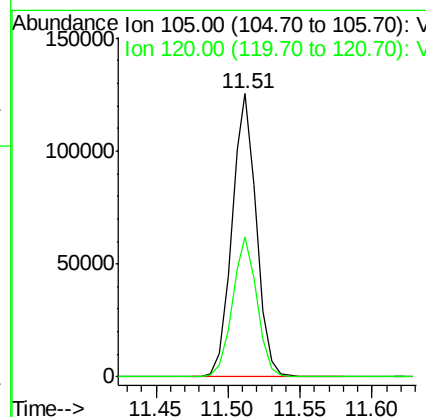
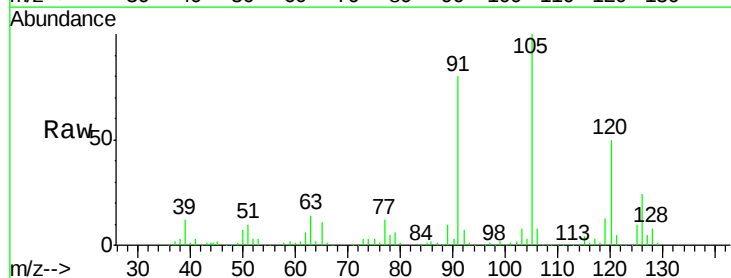
Acq: 02 May 2018 10:06

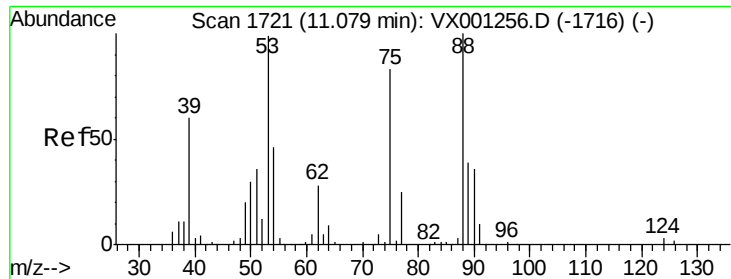
Tgt Ion: 105 Resp: 149062

Ion Ratio Lower Upper

105 100

120 49.3 0.0 63.8





#77

t-1,4-Dichloro-2-butene

Concen: 13.44 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 75 Resp: 10783

Ion Ratio Lower Upper

75 100

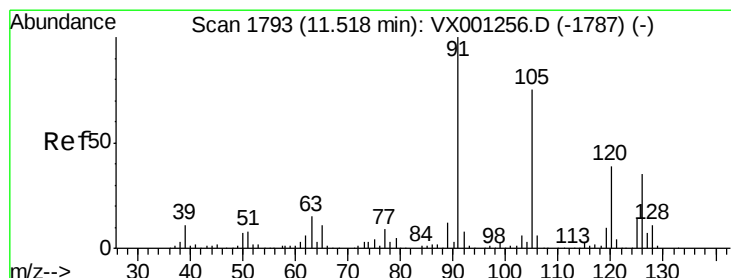
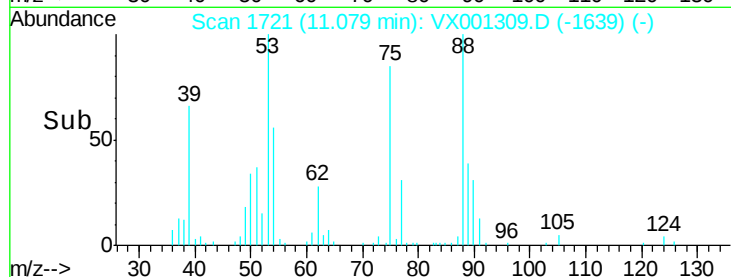
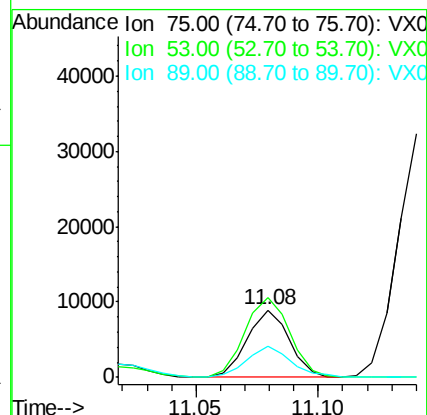
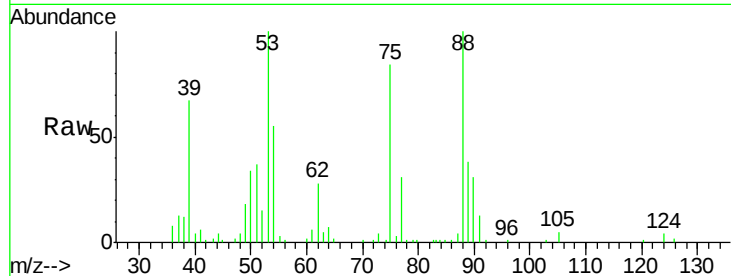
53 118.4 47.8 143.3

89 45.9 22.3 66.8

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#78

4-Chlorotoluene

Concen: 16.30 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001309.D

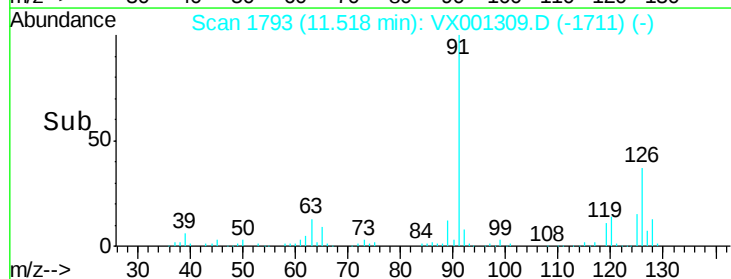
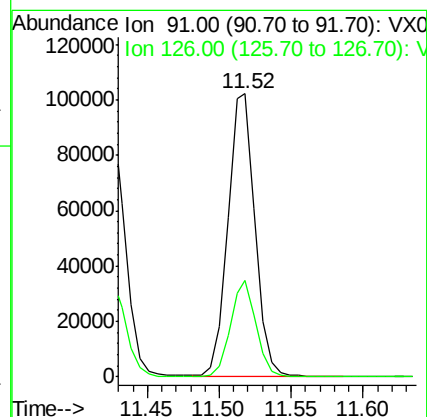
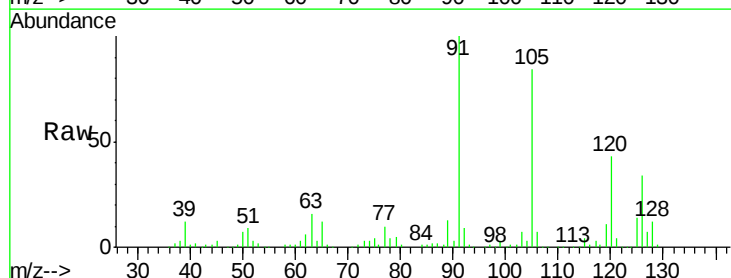
Acq: 02 May 2018 10:06

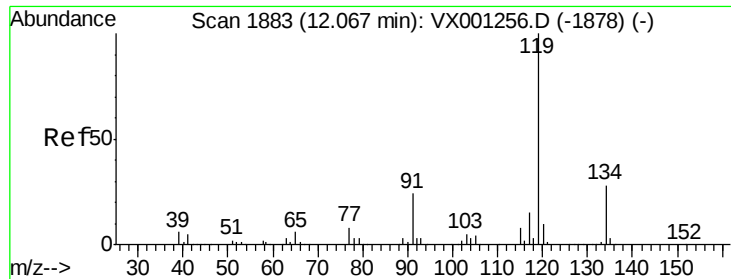
Tgt Ion: 91 Resp: 136080

Ion Ratio Lower Upper

91 100

126 31.9 0.0 63.4





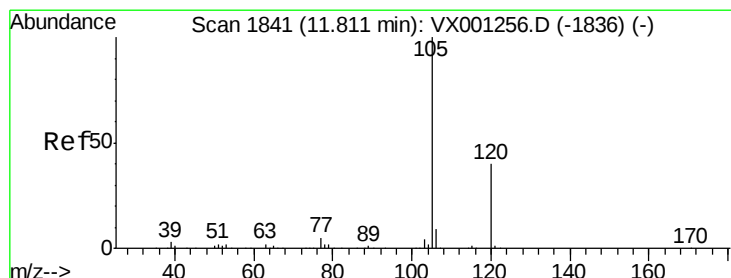
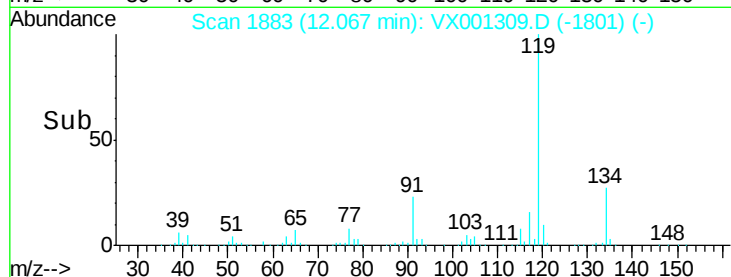
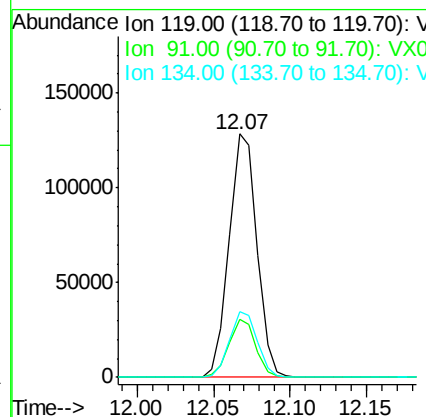
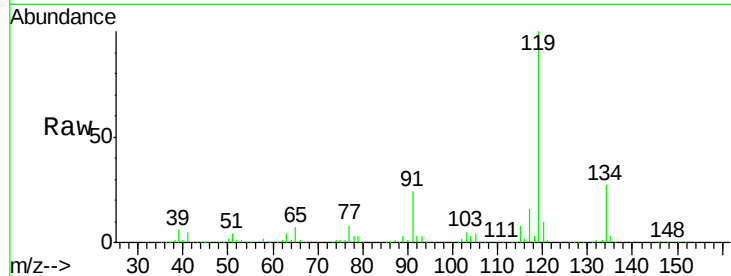
#79
tert-butylbenzene
Concen: 17.27 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	161721		
91	23.1	0.0	51.6	
134	27.0	0.0	60.2	

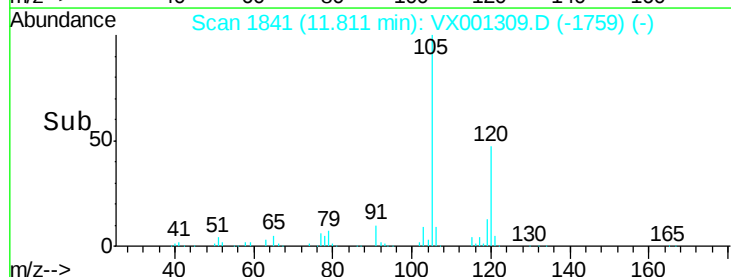
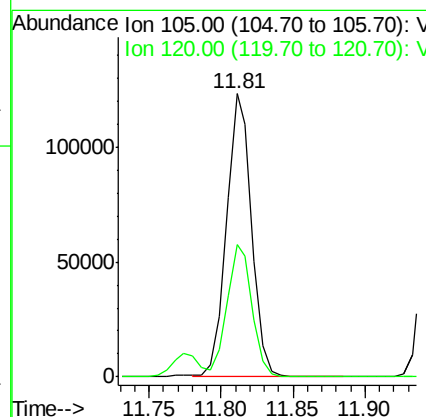
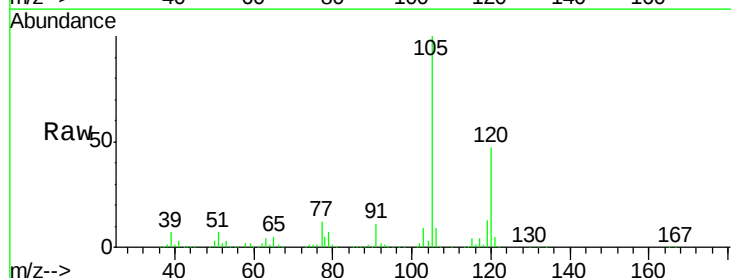
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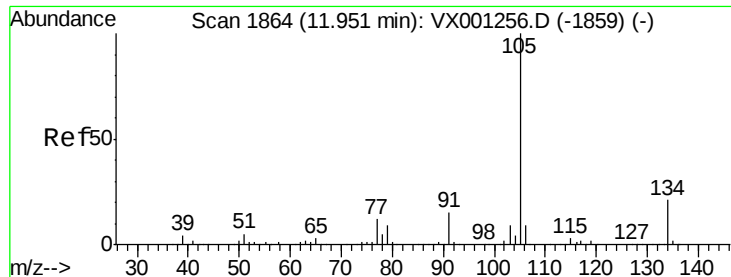
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 16.90 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	150495		
120	46.5	0.0	93.0	





#81

sec-Butylbenzene

Concen: 17.40 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:105 Resp: 176797

Ion Ratio Lower Upper

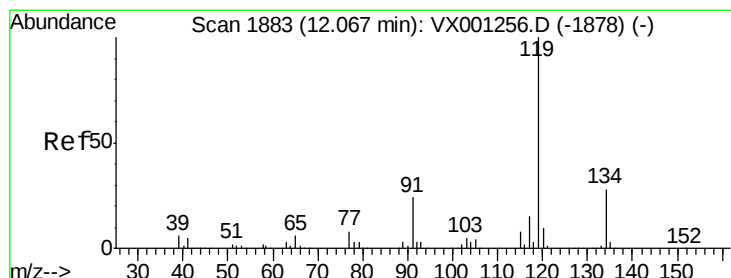
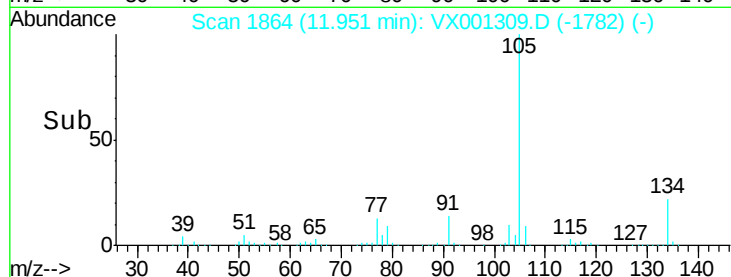
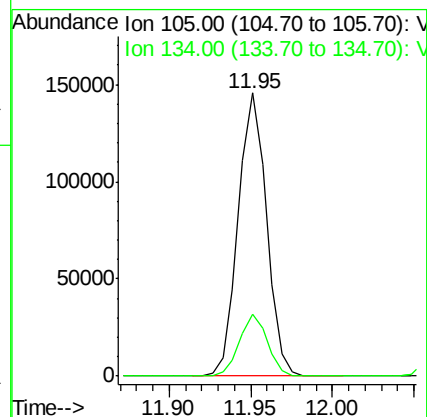
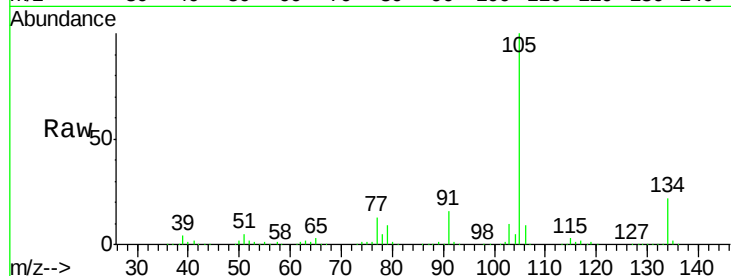
105 100

134 21.6 0.0 41.8

Manual Integrations
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#82

p-Isopropyltoluene

Concen: 17.27 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001309.D

Acq: 02 May 2018 10:06

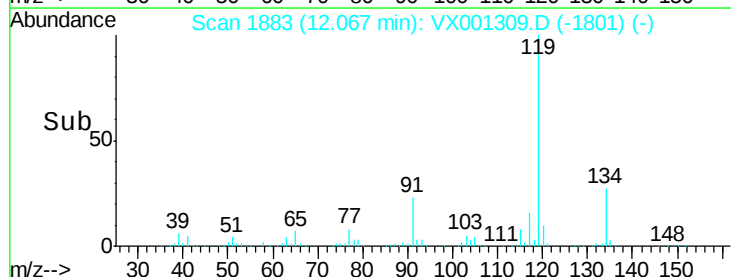
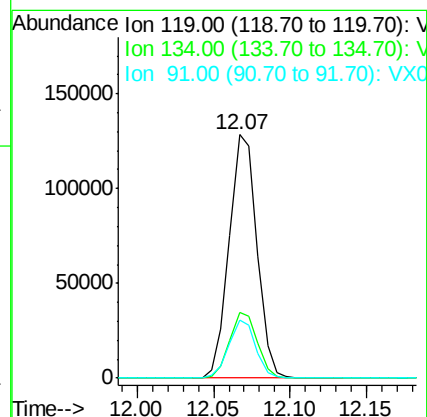
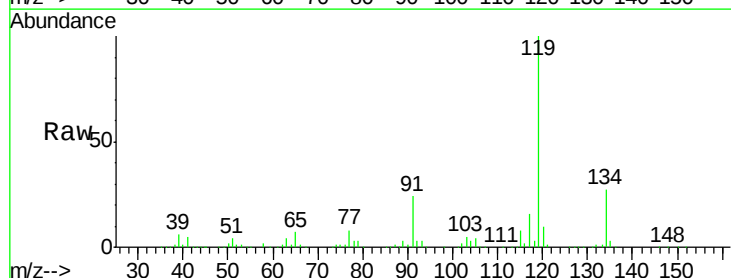
Tgt Ion:119 Resp: 161721

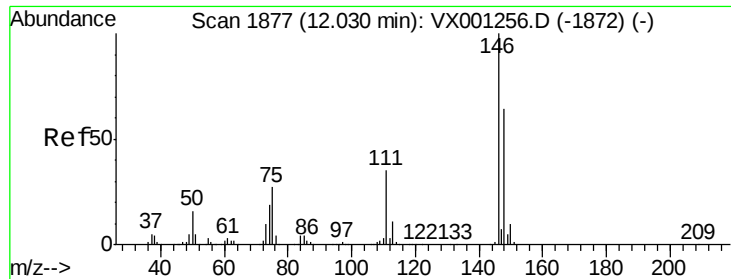
Ion Ratio Lower Upper

119 100

134 27.0 0.0 54.4

91 23.1 0.0 46.6





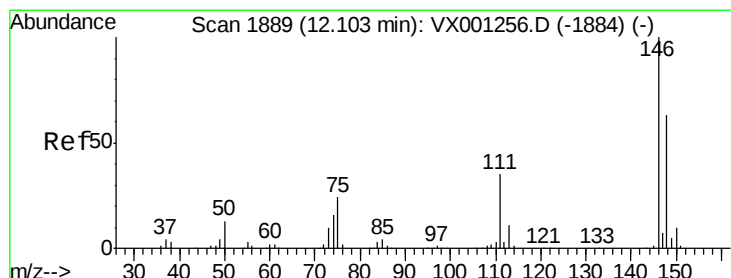
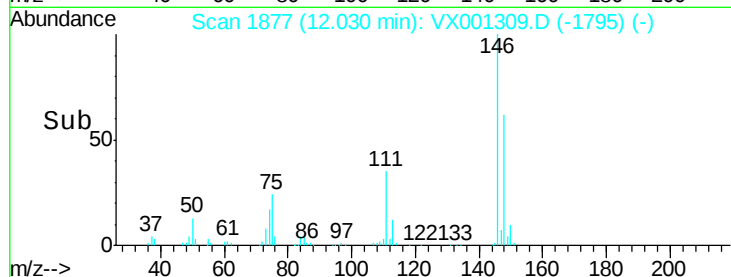
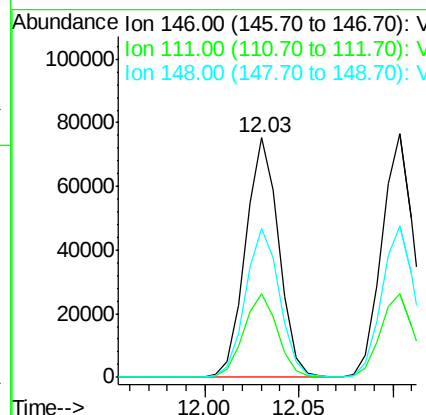
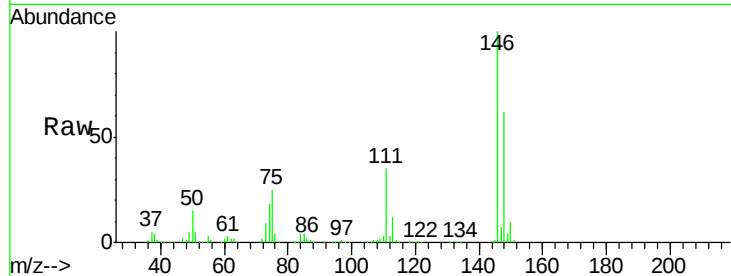
#83
 1,3-Dichlorobenzene
 Concen: 16.90 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.7	19.4	58.2
148	63.6	32.6	97.7

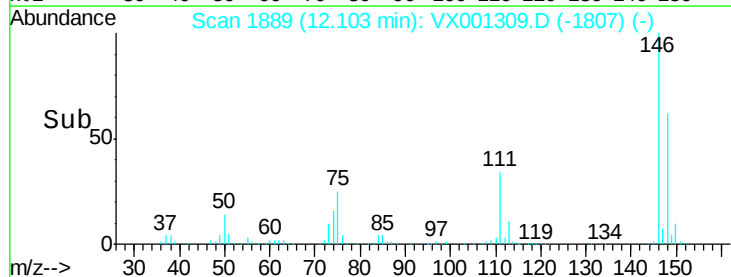
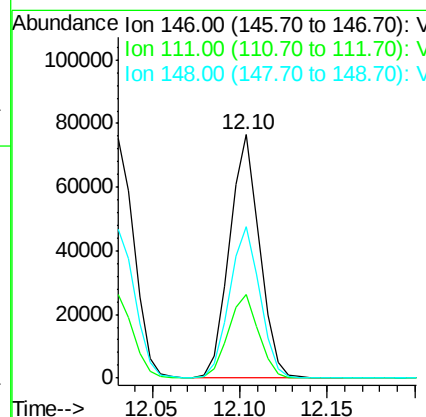
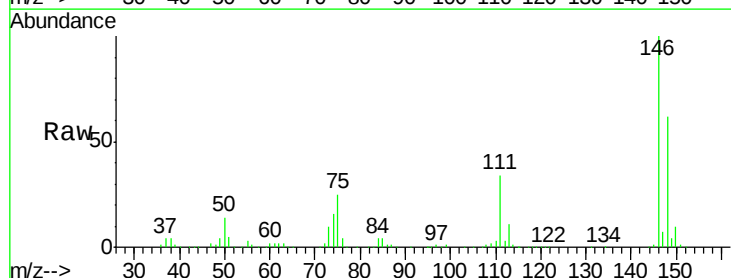
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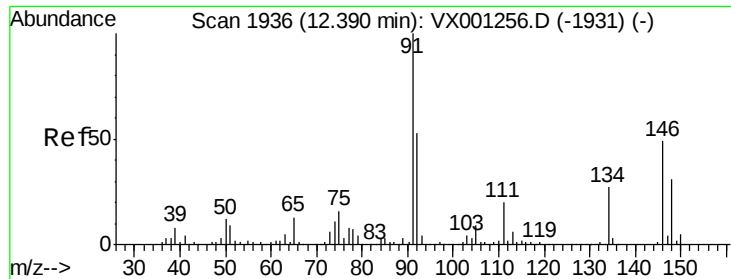
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#84
 1,4-Dichlorobenzene
 Concen: 16.54 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.8	18.4	55.0
148	63.1	31.9	95.7





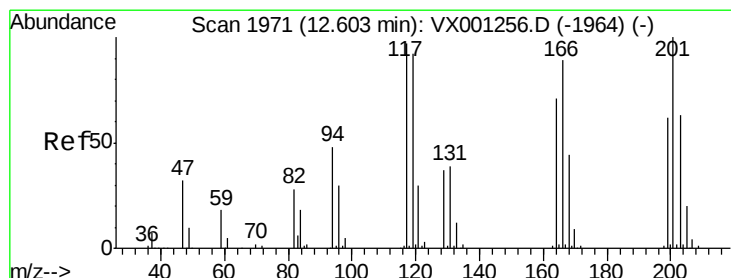
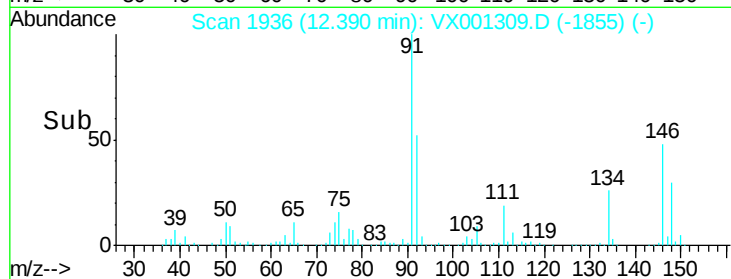
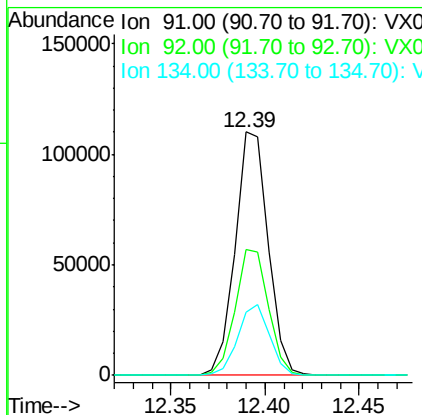
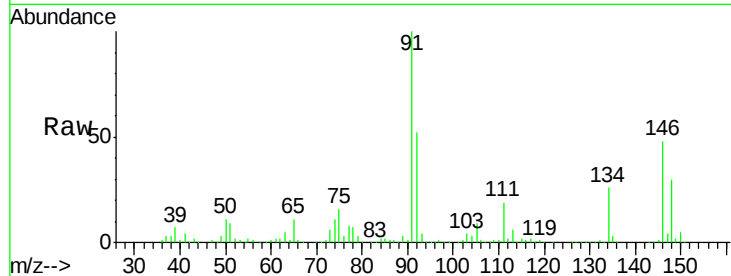
#85
n-Butylbenzene
Concen: 16.54 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	133940		
92	52.0		0.0	102.0
134	28.1		0.0	54.2

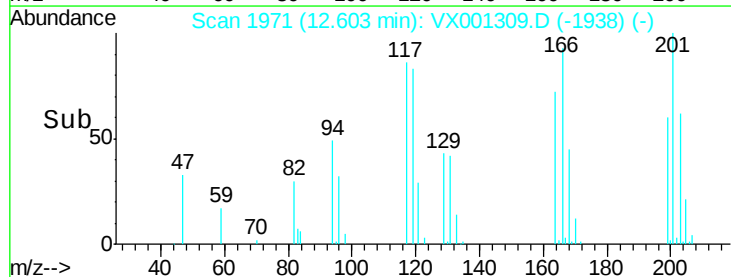
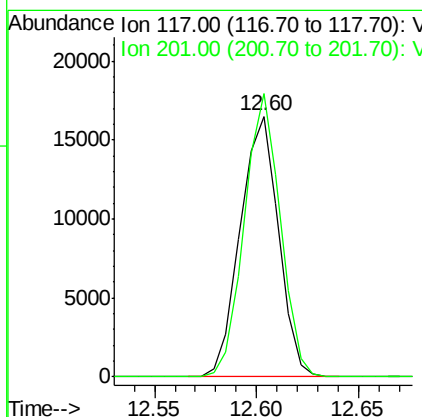
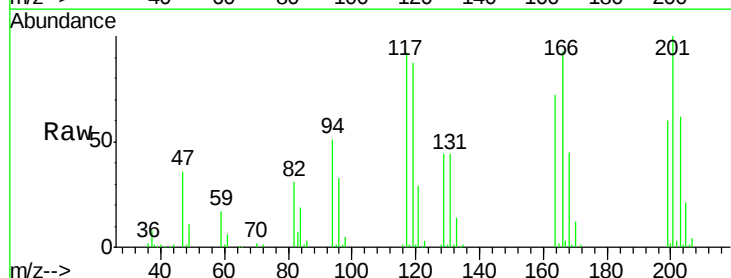
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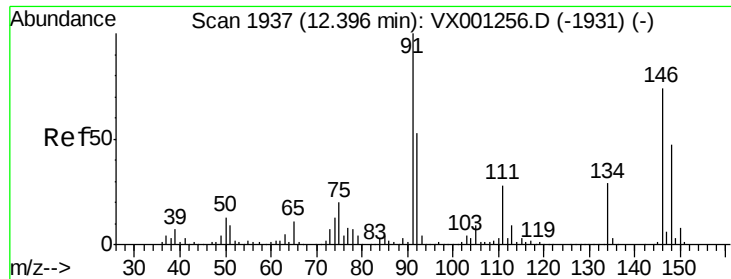
MMDadoda
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#86
Hexachloroethane
Concen: 15.04 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	21522		
201	101.8		38.9	116.6





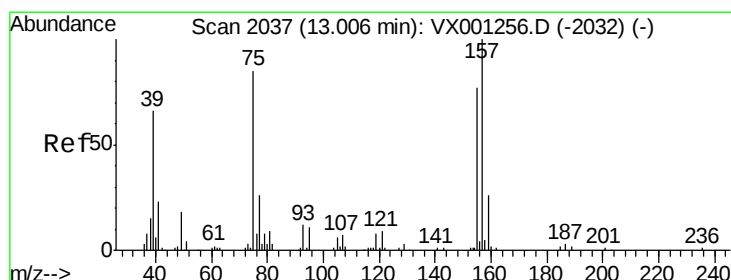
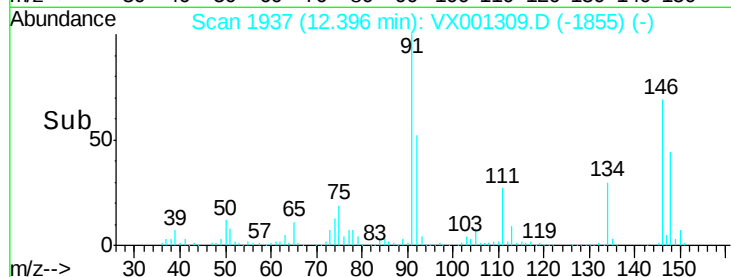
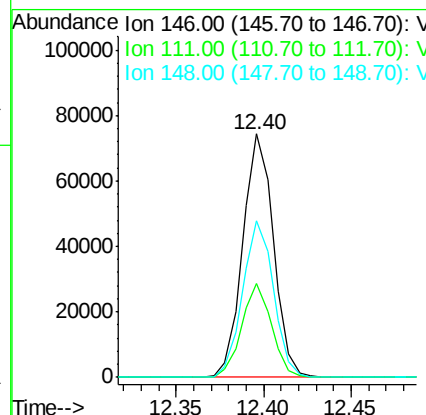
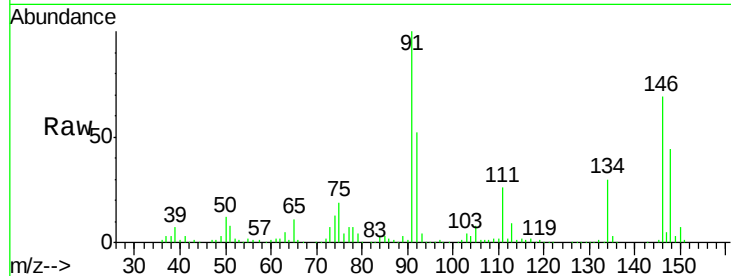
#87
 1,2-Dichlorobenzene
 Concen: 16.74 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	90569		
111	37.6	20.0	60.0	
148	65.0	31.6	95.0	

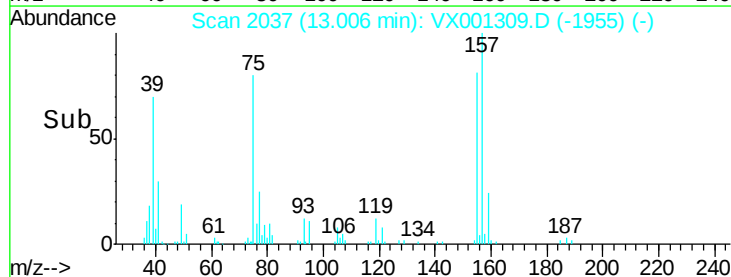
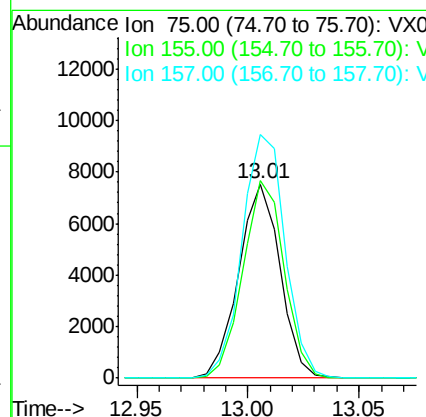
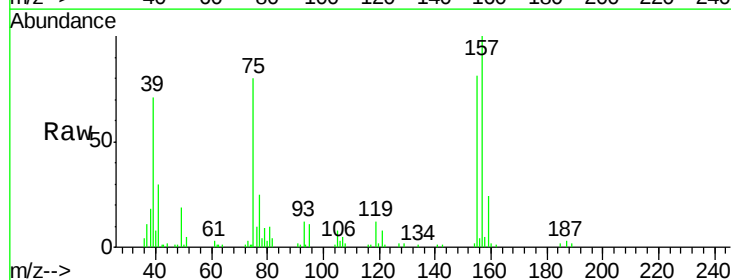
Manual Integrations
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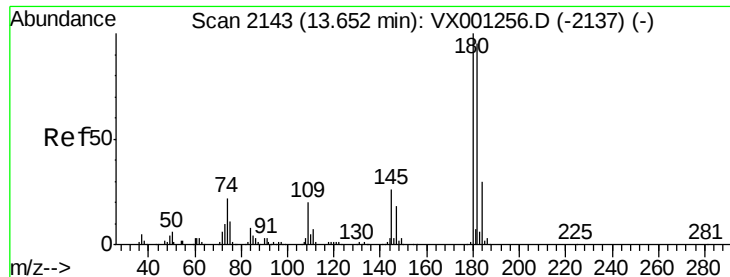
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.58 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001309.D
 Acq: 02 May 2018 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	9809		
155	100.9	75.1	112.7	
157	129.9	99.0	148.4	





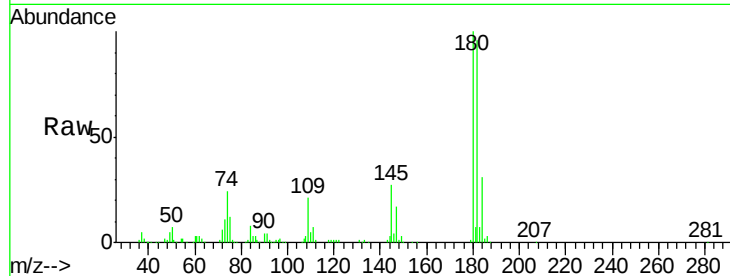
#89
1,2,4-Trichlorobenzene
Concen: 16.67 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

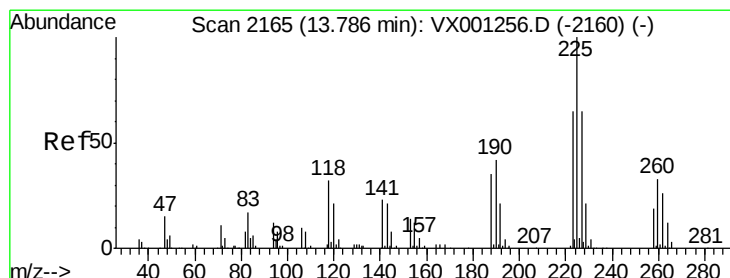
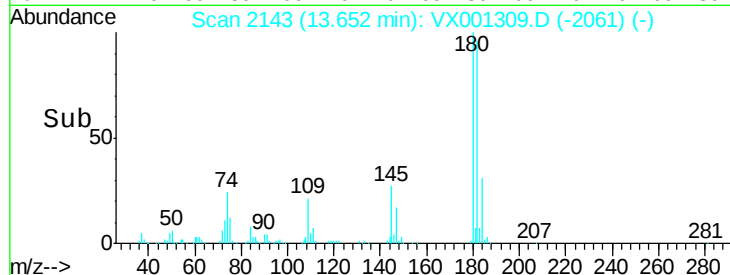
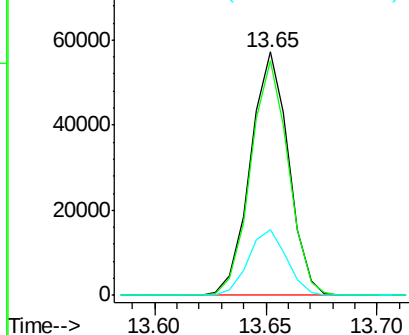
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.3	114.5
145	27.5	24.6	37.0

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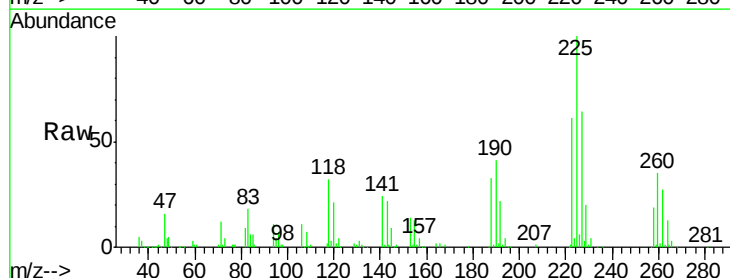


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

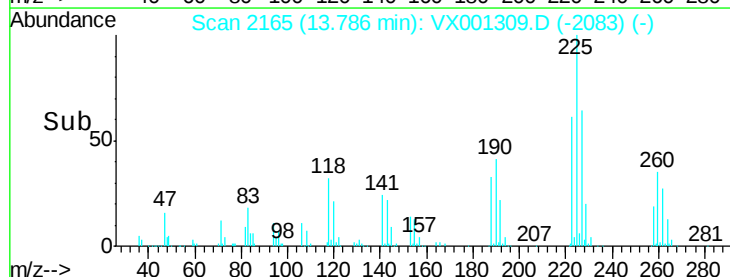
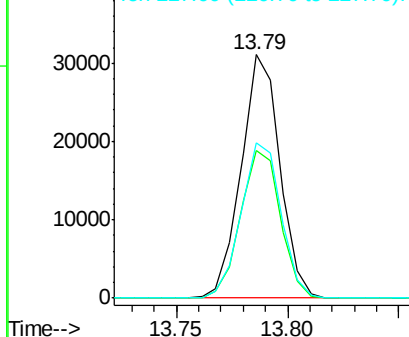


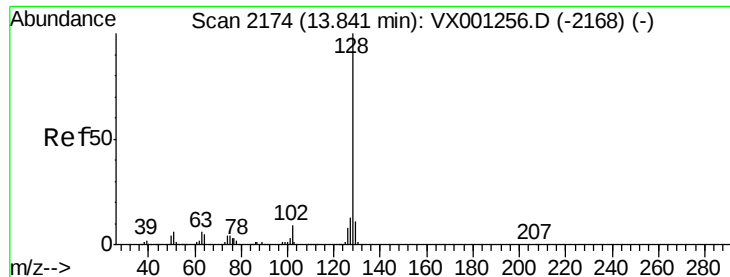
#90
Hexachlorobutadiene
Concen: 19.85 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	0.0	131.2
227	65.5	0.0	127.6



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V





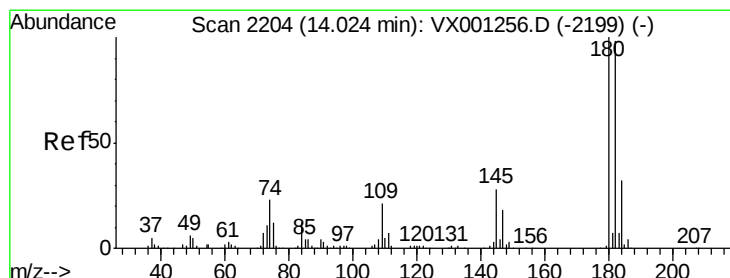
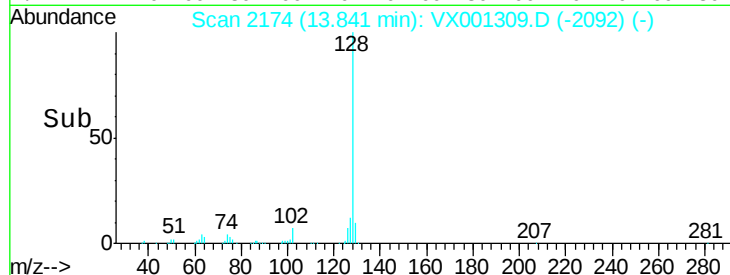
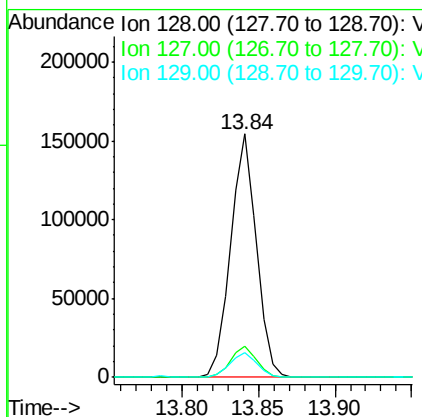
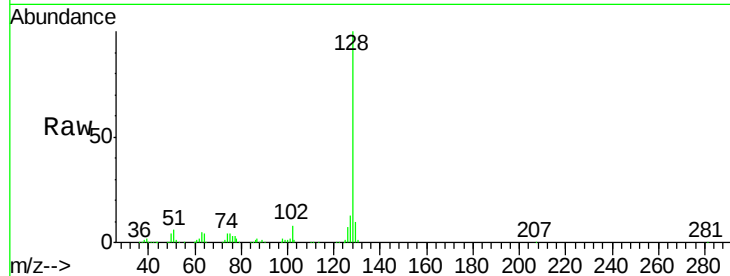
#91
Naphthalene
Concen: 16.90 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.5	9.0	13.6

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#92
1,2,3-Trichlorobenzene
Concen: 17.25 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001309.D
Acq: 02 May 2018 10:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	0.0	188.6
145	28.8	0.0	65.8

