

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003895.D
 Acq On : 07 Aug 2018 22:19
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 8/8/2018 12:02:20 PM

Quant Time: Aug 08 04:22:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	69799	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	377820	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	349282	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	145587	28.41	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.70%
60) 4-Bromofluorobenzene	11.14	95	164184	29.19	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.30%
63) Toluene-d8	8.72	98	466258	29.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.77%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	100743	27.33	ug/l	99
3) Chloromethane	1.32	50	101856	20.53	ug/l	99
4) Vinyl Chloride	1.40	62	103332	19.80	ug/l	99
5) Bromomethane	1.64	94	61346	19.67	ug/l	99
6) Chloroethane	1.72	64	68950	20.19	ug/l	99
7) Trichlorofluoromethane	1.93	101	133375	19.00	ug/l	99
8) Diethyl Ether	2.19	74	58128	19.32	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81539	19.16	ug/l	93
10) 1,1-Dichloroethene	2.37	96	76048	19.00	ug/l	93
11) Methyl Iodide	2.51	142	95736	17.26	ug/l	93
12) Methyl Acetate	2.78	43	160364	21.66	ug/l	96
13) Acrolein	2.29	56	73080	126.55	ug/l	99
14) Acrylonitrile	3.15	53	263320	90.25	ug/l	99
15) Acetone	2.45	58	73682	93.07	ug/l	81
16) Carbon Disulfide	2.57	76	203254	18.29	ug/l	100
17) Allyl chloride	2.73	41	146004	17.63	ug/l	91
18) Methylene Chloride	2.86	84	92917	19.60	ug/l	97
19) trans-1,2-Dichloroethene	3.16	96	82326	19.03	ug/l	100
20) Diisopropyl ether	3.87	45	262027	17.23	ug/l	99
21) 1,1-Dichloroethane	3.70	63	160345	18.62	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	91457	20.94	ug/l #	71
23) tert-Butyl Alcohol	3.07	59	117425	95.82	ug/l	100
24) Methyl tert-Butyl Ether	3.21	73	268333	18.70	ug/l	90
25) Chloroform	5.21	83	152029	20.39	ug/l	99
26) Cyclohexane	5.57	56	128280	19.83	ug/l #	90
29) 1,1-Dichloropropene	5.80	75	112402	20.15	ug/l	98
30) 2-Butanone	4.71	43	335276	94.10	ug/l #	92
31) 2,2-Dichloropropane	4.59	77	87889	16.26	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	125633	19.68	ug/l	99
33) Carbon Tetrachloride	5.78	117	108091	19.49	ug/l	97
34) Benzene	6.15	78	349190	20.37	ug/l	97
35) Methacrylonitrile	5.06	41	69194	18.69	ug/l	91
36) 1,2-Dichloroethane	6.20	62	120360	19.53	ug/l #	94
37) Trichloroethene	7.21	130	91090	20.39	ug/l	92
38) Methylcyclohexane	7.46	83	124638	19.66	ug/l	95
39) 1,2-Dichloropropane	7.52	63	87188	19.25	ug/l	95
40) Dibromomethane	7.67	93	57105	19.48	ug/l	98

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Manual Integrations
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Quant Time: Aug 08 04:22:33 2018
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	107249	19.15	ug/l	98
42) Vinyl Acetate	3.82	43	1038121	75.83	ug/l	96
43) Ethyl Acetate	4.86	43	121476	18.25	ug/l	98
44) Isopropyl Acetate	6.47	43	186037	18.22	ug/l	93
45) 1,4-Dioxane	7.76	88	46282	408.26	ug/l #	83
46) Methyl methacrylate	7.78	41	99763	18.94	ug/l	87
47) n-amyl Acetate	10.90	43	157783	16.37	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	125734	18.50	ug/l	100
49) cis-1,3-Dichloropropene	9.04	75	112861	17.70	ug/l	93
50) 1,1,2-Trichloroethane	9.22	97	89328	19.20	ug/l	96
51) Ethyl methacrylate	9.18	69	123886	17.68	ug/l	85
52) 1,3-Dichloropropane	9.37	76	151959	19.62	ug/l	99
53) Dibromochloromethane	9.59	129	84927	18.58	ug/l	100
54) 1,2-Dibromoethane	9.68	107	92703	19.05	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	322693	89.29	ug/l	97
56) Bromoform	10.86	173	63626	17.94	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	643662	97.60	ug/l #	91
59) 2-Hexanone	9.50	43	493610	94.00	ug/l	91
61) Tetrachloroethene	9.34	164	87703	21.58	ug/l	98
62) Toluene	8.79	91	373865	20.62	ug/l	99
64) Chlorobenzene	10.14	112	242914	20.73	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	85668	20.67	ug/l	99
66) Ethyl Benzene	10.26	91	398935	20.00	ug/l	100
67) m/p-Xylenes	10.36	106	320302	41.68	ug/l	95
68) o-Xylene	10.70	106	152301	20.72	ug/l	94
69) Styrene	10.71	104	248399	19.96	ug/l	96
70) Isopropylbenzene	11.02	105	406011	20.06	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	138471	19.17	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	121426m	20.20	ug/l	
73) Bromobenzene	11.26	156	107814	19.77	ug/l	99
74) n-propylbenzene	11.36	91	464513	19.49	ug/l	99
75) 2-Chlorotoluene	11.42	91	280215	19.94	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	334919	19.50	ug/l	96
77) t-1,4-Dichloro-2-butene	11.08	75	33808	16.51	ug/l	98
78) 4-Chlorotoluene	11.51	91	318300	19.36	ug/l	99
79) tert-butylbenzene	12.07	119	327654	18.54	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	345475	19.66	ug/l	95
81) sec-Butylbenzene	11.94	105	391224	19.56	ug/l	100
82) p-Isopropyltoluene	12.07	119	327654	18.54	ug/l	98
83) 1,3-Dichlorobenzene	12.03	146	183652	18.44	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	187754	18.72	ug/l	97
85) n-Butylbenzene	12.39	91	254824	16.25	ug/l	97
86) Hexachloroethane	12.60	117	46195	16.22	ug/l	96
87) 1,2-Dichlorobenzene	12.40	146	176668	17.67	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.00	75	24065	15.78	ug/l	94
89) 1,2,4-Trichlorobenzene	13.65	180	135493	19.30	ug/l	98
90) Hexachlorobutadiene	13.79	225	62287	19.57	ug/l	99
91) Naphthalene	13.83	128	425958	19.85	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	144696	20.24	ug/l	99

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VSTDCCC020

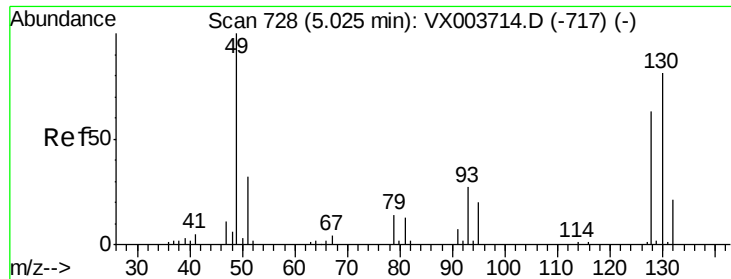
Manual Integrations
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Quant Time: Aug 08 04:22:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
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QLast Update : Fri Jul 27 16:17:43 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



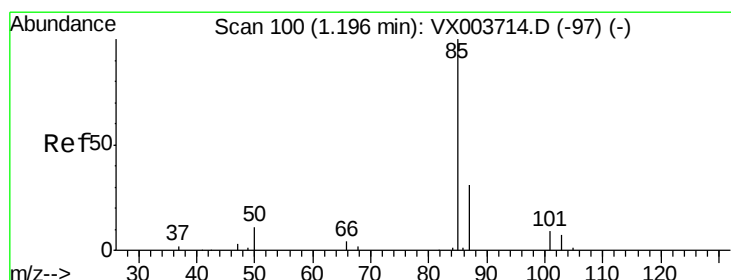
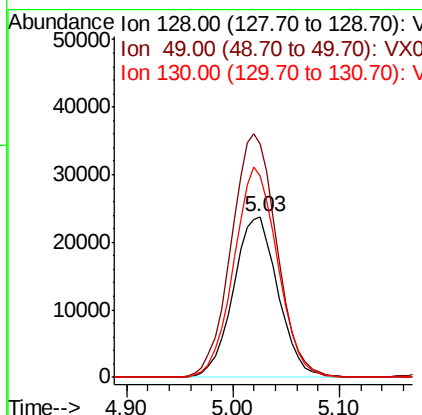
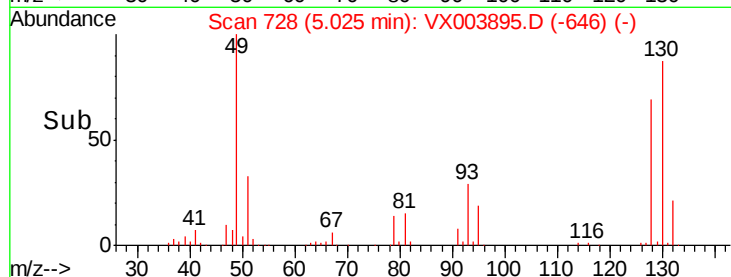
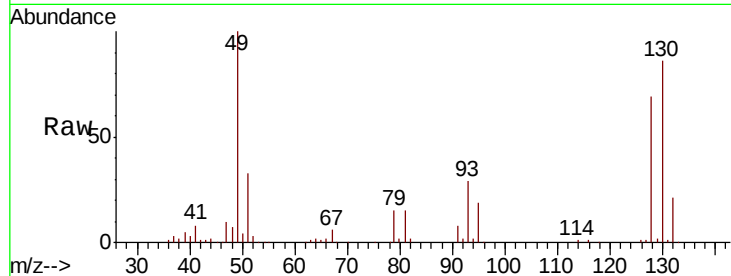
#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	154.7	0.0	423.0
130	128.7	0.0	324.3

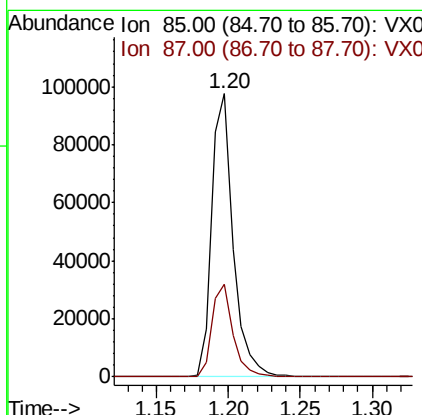
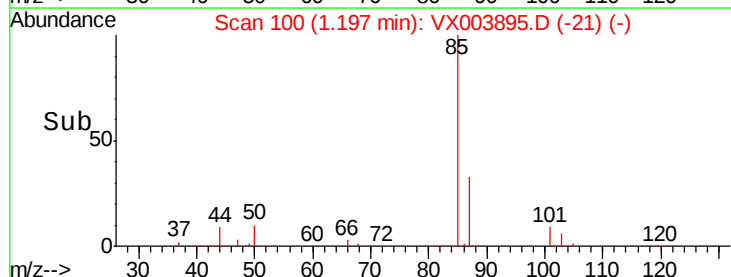
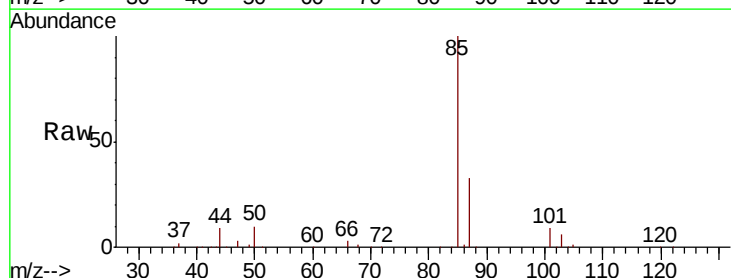
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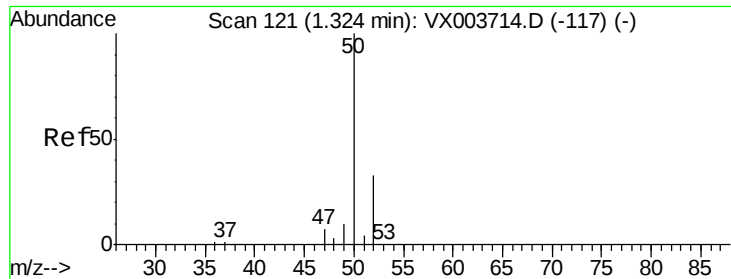
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#2
 Dichlorodifluoromethane
 Concen: 27.33 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.2	48.5





#3

Chloromethane

Concen: 20.53 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 50 Resp: 101856

Ion Ratio Lower Upper

50 100

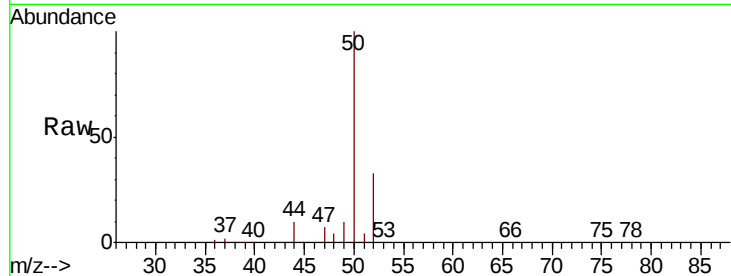
52 32.6 25.6 38.4

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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

100000

80000

60000

40000

20000

0

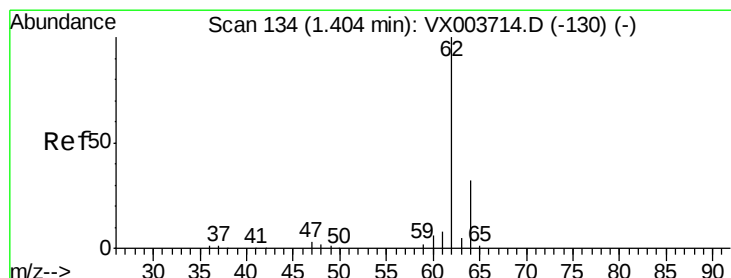
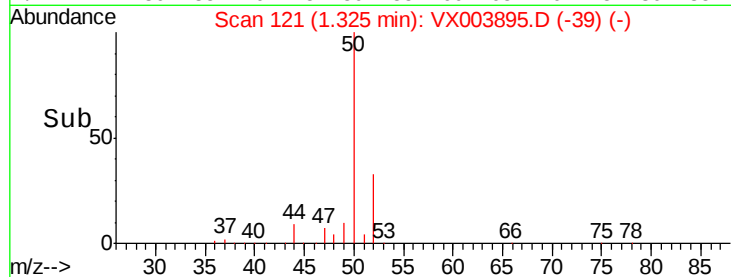
1.30

1.32

1.35

1.40

Time-->



#4

Vinyl Chloride

Concen: 19.80 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003895.D

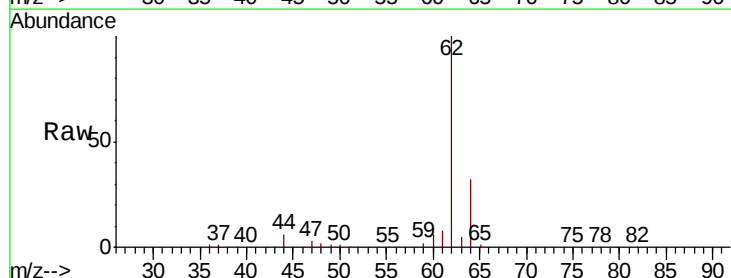
Acq: 07 Aug 2018 22:19

Tgt Ion: 62 Resp: 103332

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0

120000

100000

80000

60000

40000

20000

0

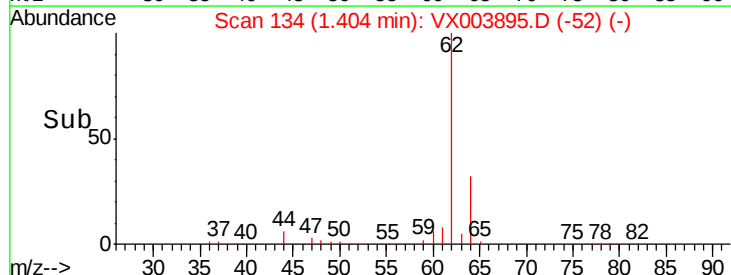
1.35

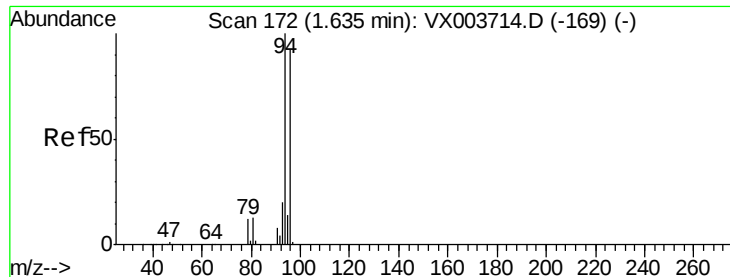
1.40

1.45

1.50

Time-->





#5

Bromomethane

Concen: 19.67 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 61346

Ion Ratio Lower Upper

94 100

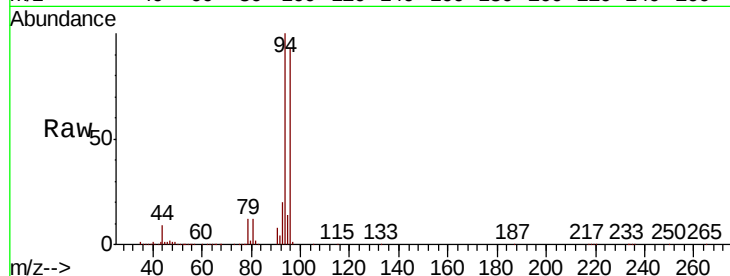
96 93.2 75.7 113.5

Manual Integrations

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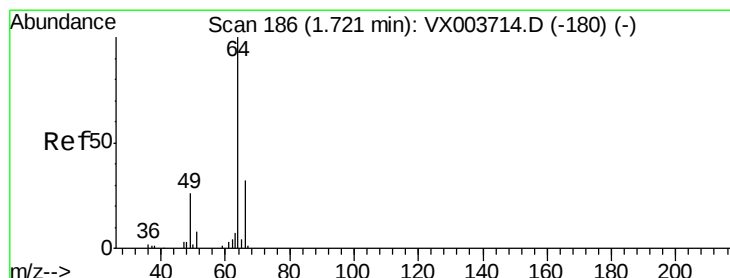
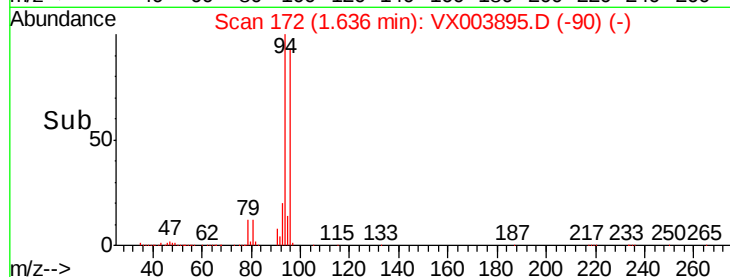
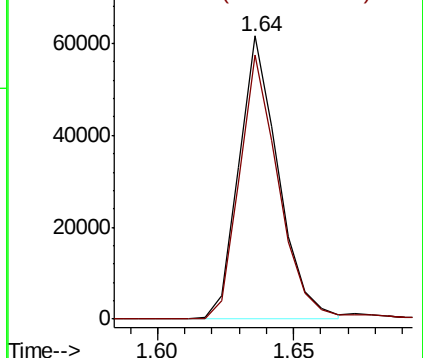
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 20.19 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003895.D

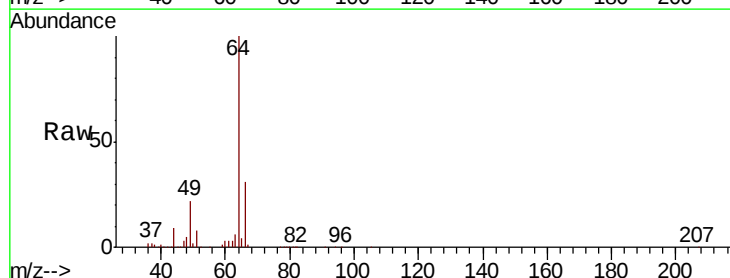
Acq: 07 Aug 2018 22:19

Tgt Ion: 64 Resp: 68950

Ion Ratio Lower Upper

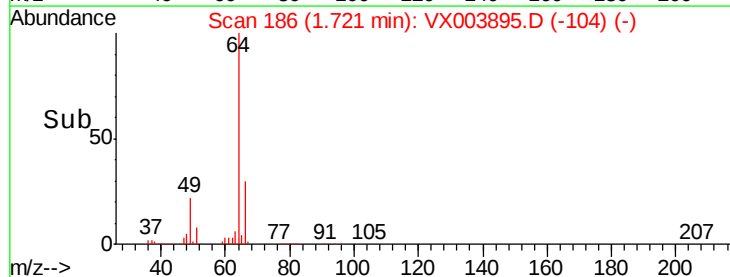
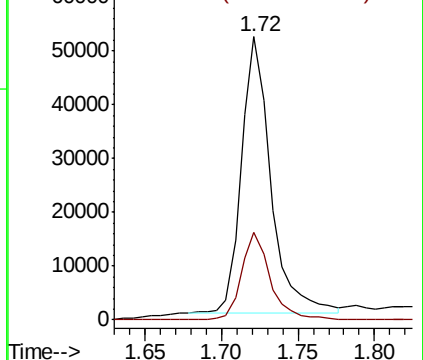
64 100

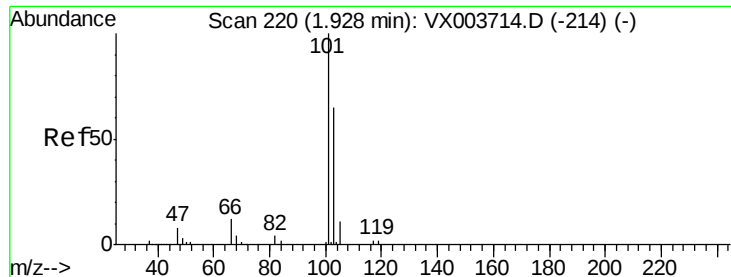
66 31.2 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

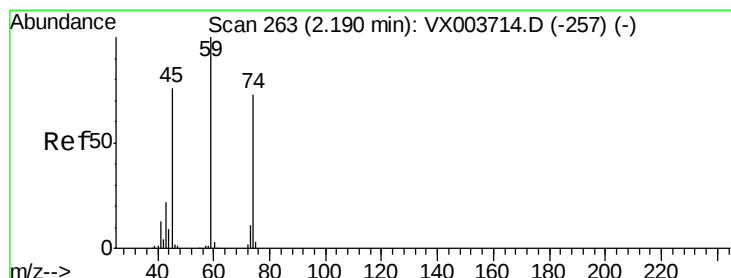
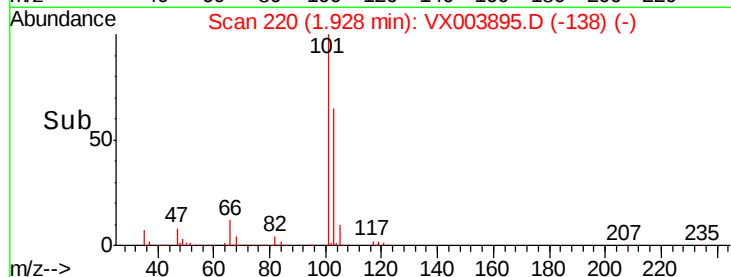
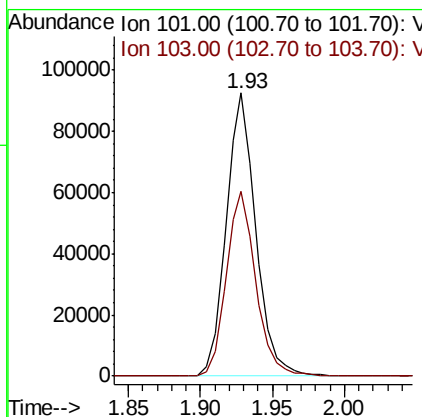
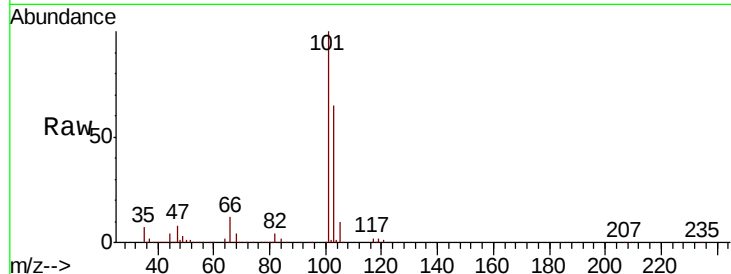
Trichlorofluoromethane
 Concen: 19.00 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
101	100	133375		
103	65.1	51.5	77.3	

Manual Integrations
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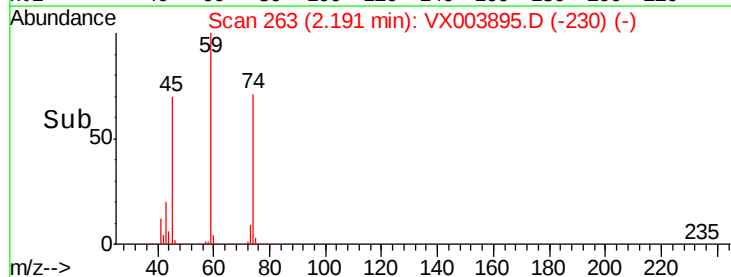
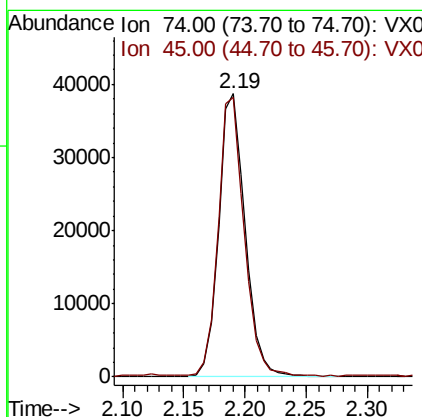
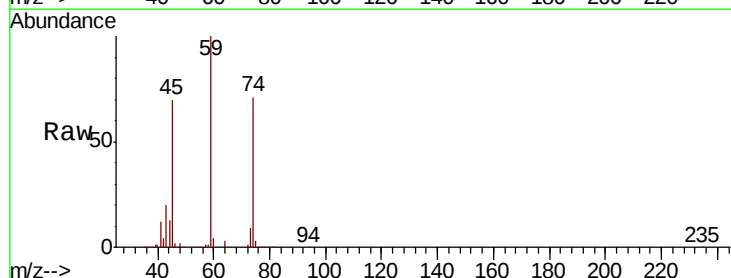
MMDadoda
 8/8/2018 12:02:20 PM

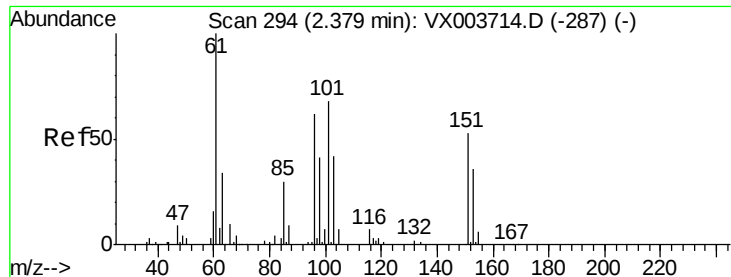


#8

Diethyl Ether
 Concen: 19.32 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	58128		
45	96.7	20.5	184.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.16 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

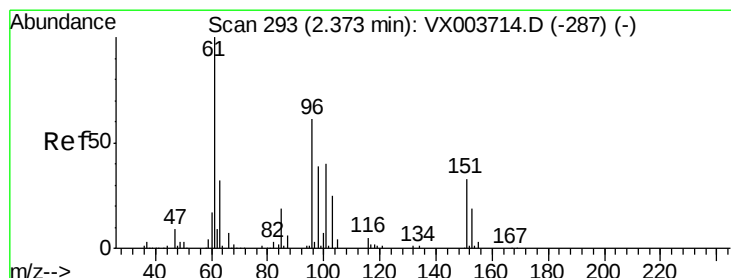
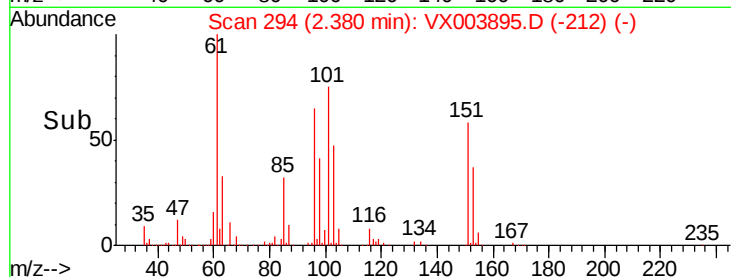
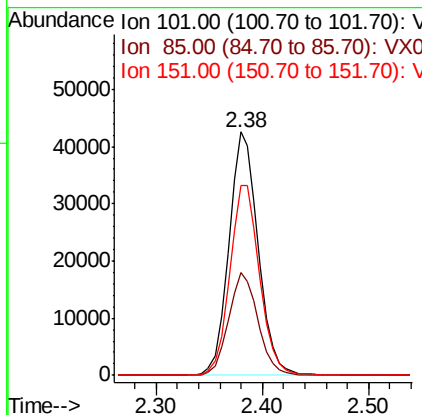
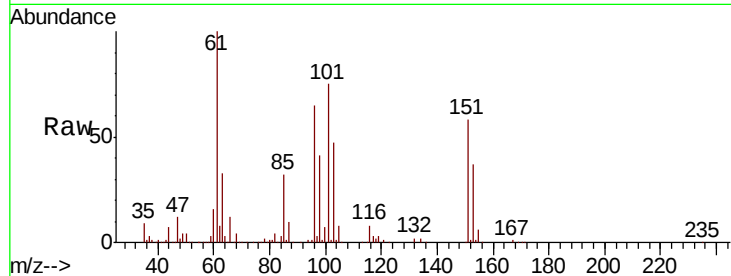
ClientSampled :

VSTDCCC020

Tot Ion:	101	Resp:	81539
Ion Ratio	Lower	Upper	
101	100		
85	42.7	0.0	87.0
151	79.8	0.0	177.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.00 ug/l

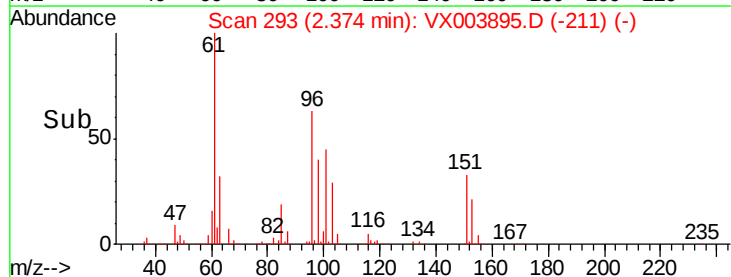
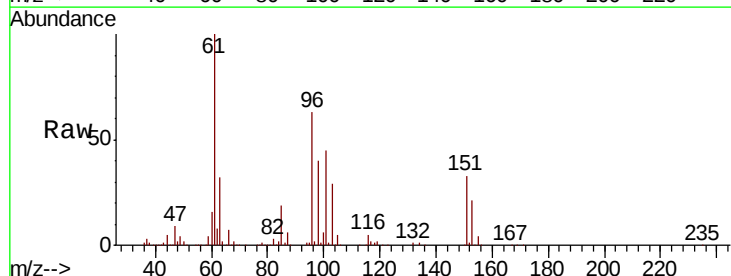
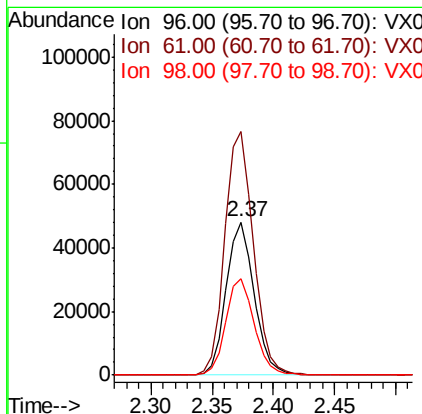
RT: 2.37 min Scan# 293

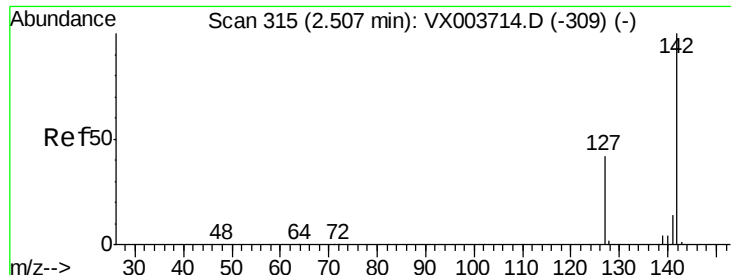
Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Tgt Ion:	96	Resp:	76048
Ion Ratio	Lower	Upper	
96	100		
61	159.2	137.5	206.3
98	63.4	51.4	77.2





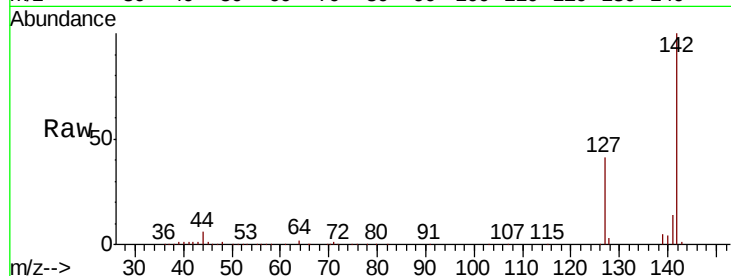
#11
Methvl Iodide
Concen: 17.26 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

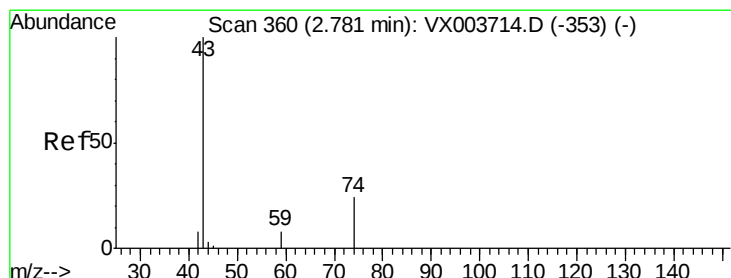
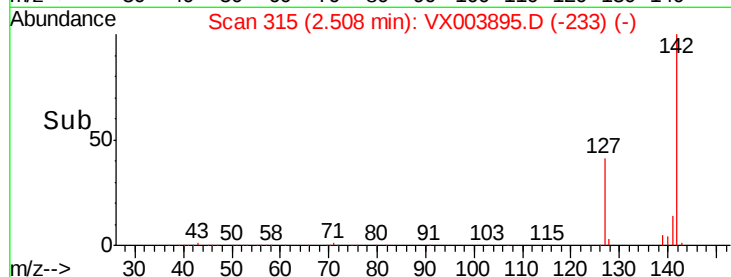
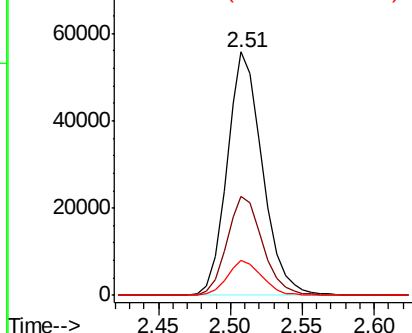
Tot Ion	Ratio	Lower	Upper
142	100		
127	40.7	23.2	69.6
141	14.2	7.4	22.2

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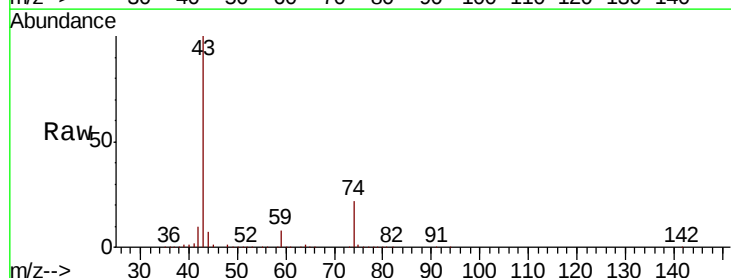


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

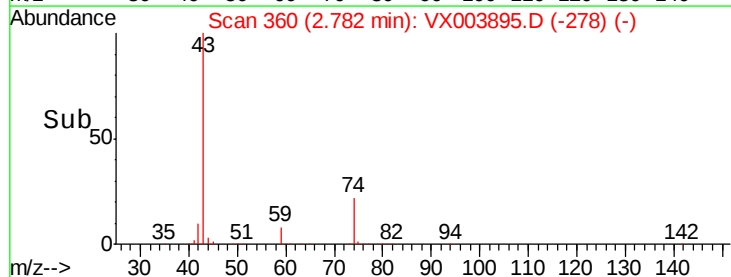
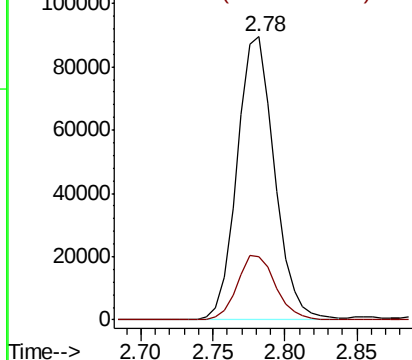


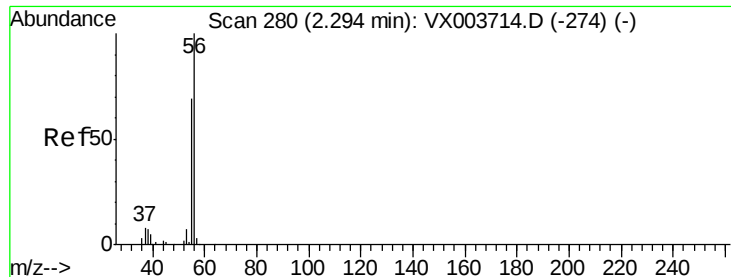
#12
Methyl Acetate
Concen: 21.66 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	16.4	24.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 126.55 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 73080

Ion Ratio Lower Upper

56 100

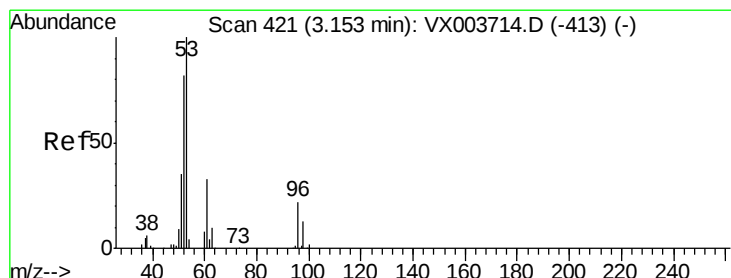
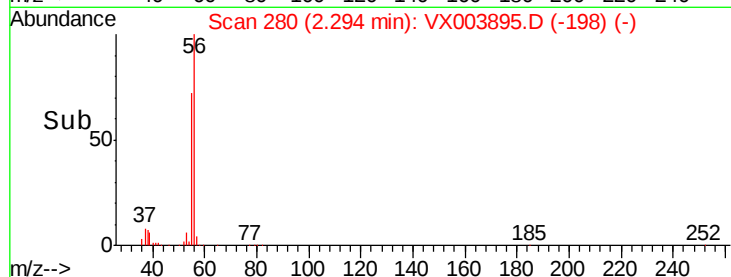
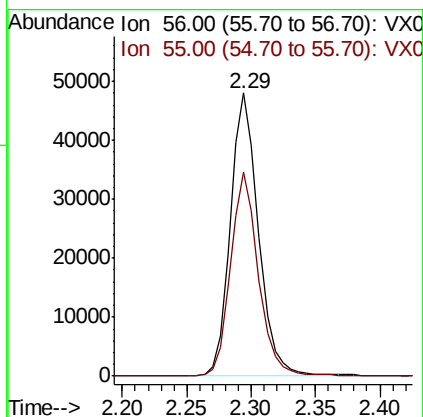
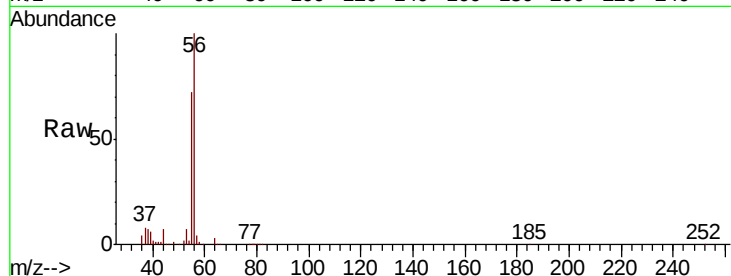
55 70.4 57.3 85.9

Manual Integrations

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#14

Acrylonitrile

Concen: 90.25 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

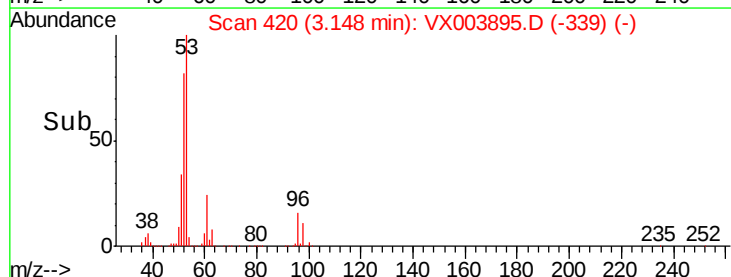
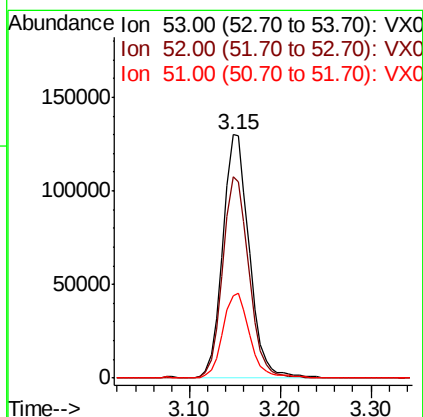
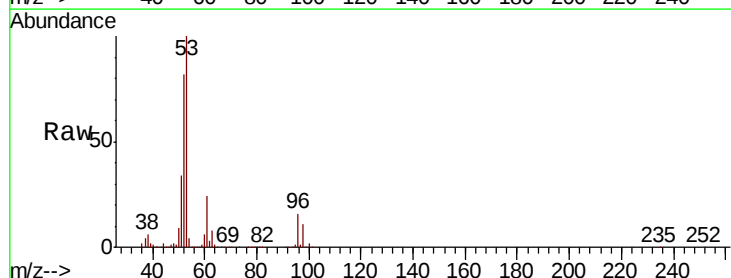
Tgt Ion: 53 Resp: 263320

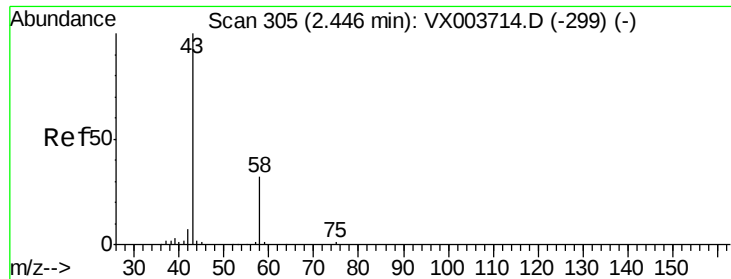
Ion Ratio Lower Upper

53 100

52 82.1 41.5 124.6

51 35.7 17.9 53.8





#15

Acetone

Concen: 93.07 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 58 Resp: 73682

Ion Ratio Lower Upper

58 100

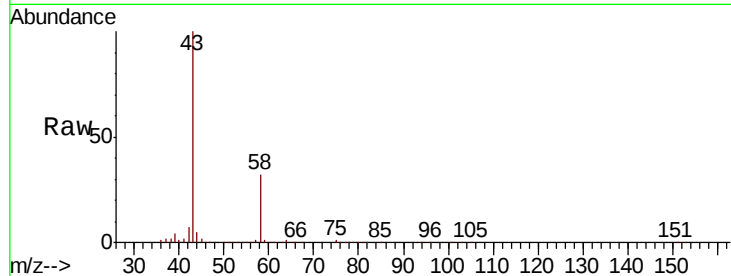
43 307.8 278.8 418.2

Manual Integrations

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

150000

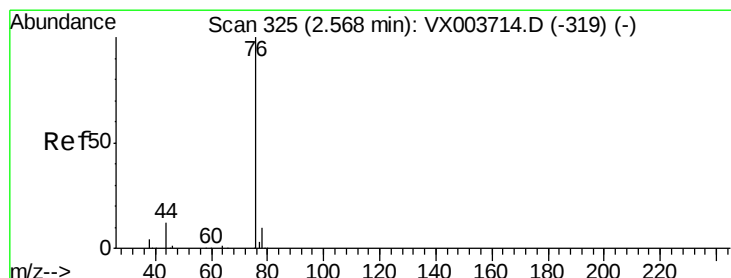
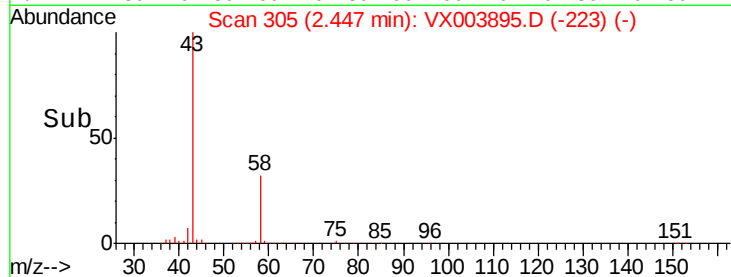
100000

50000

0

2.35 2.40 2.45 2.50 2.55

Time-->



#16

Carbon Disulfide

Concen: 18.29 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003895.D

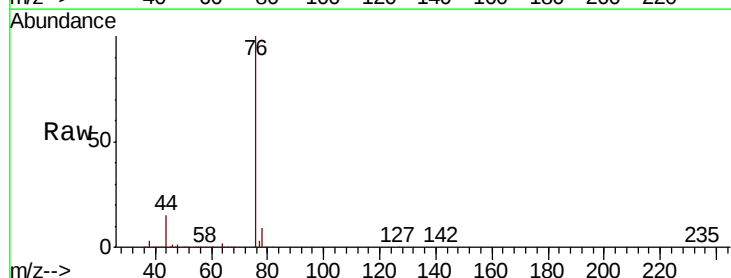
Acq: 07 Aug 2018 22:19

Tgt Ion: 76 Resp: 203254

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

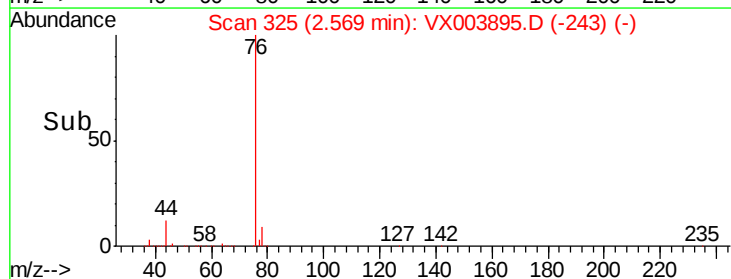
100000

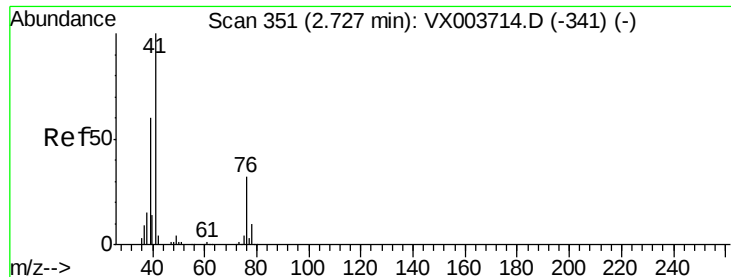
50000

0

2.50 2.55 2.60 2.65 2.70

Time-->





#17

Allvl chloride

Concen: 17.63 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

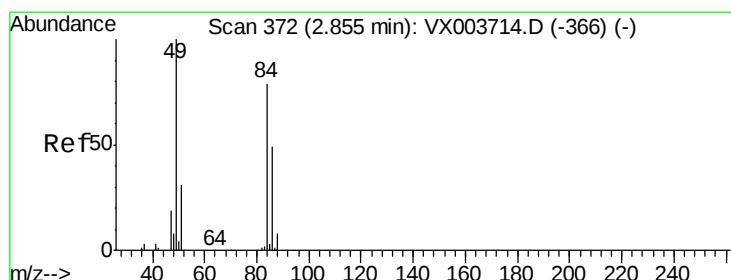
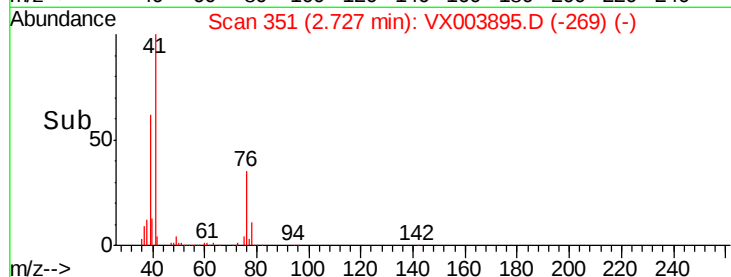
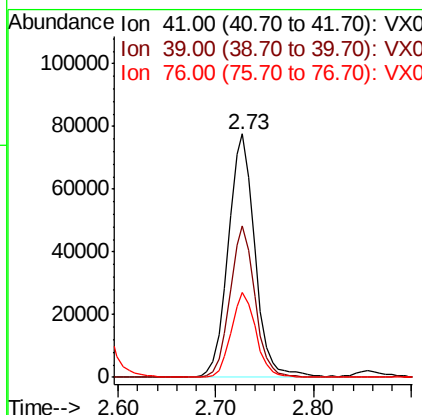
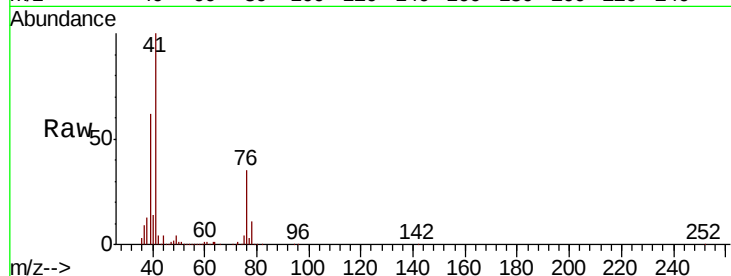
ClientSampled :

VSTDCCC020

Tot Ion:	41	Resp:	146004
Ion	Ratio	Lower	Upper
41	100		
39	61.9	34.6	103.8
76	34.9	15.0	45.1

Manual Integrations
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#18

Methylene Chloride

Concen: 19.60 ug/l

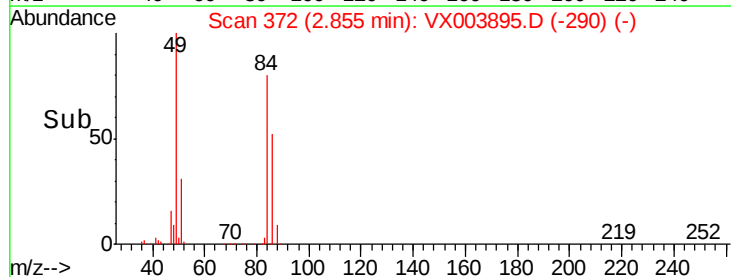
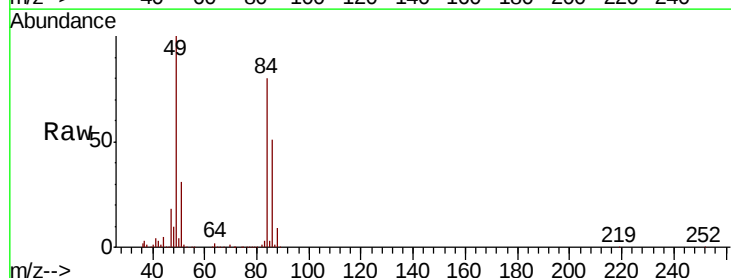
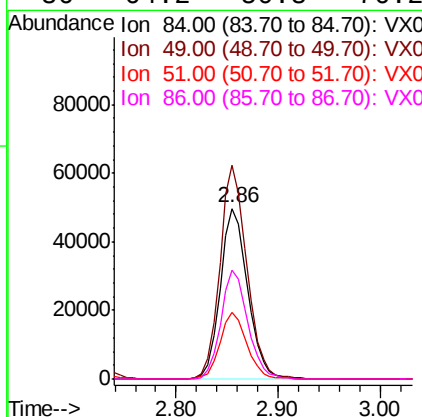
RT: 2.86 min Scan# 372

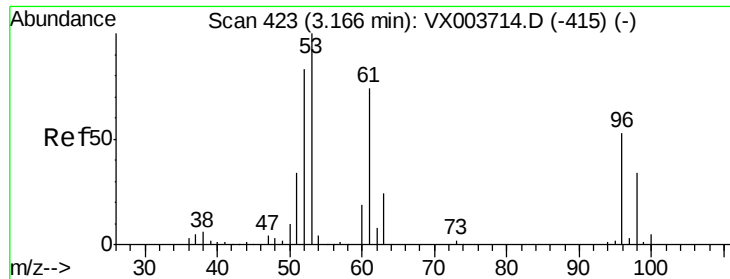
Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Tgt Ion:	84	Resp:	92917
Ion	Ratio	Lower	Upper
84	100		
49	125.2	104.7	157.1
51	38.9	31.0	46.4
86	64.2	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 19.03 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

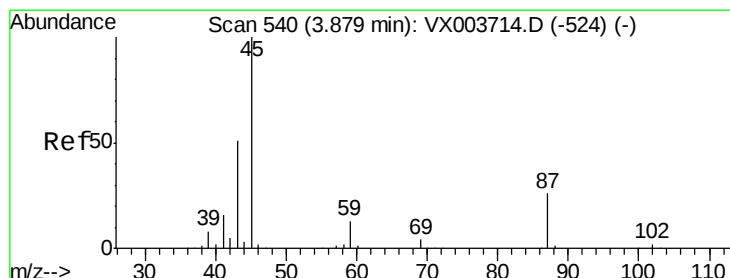
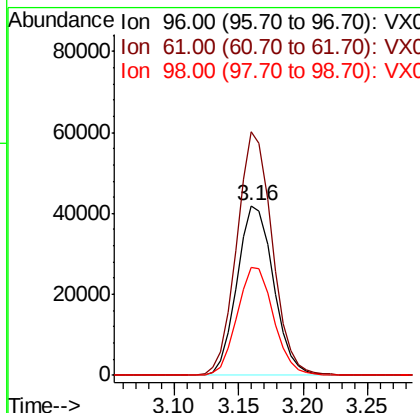
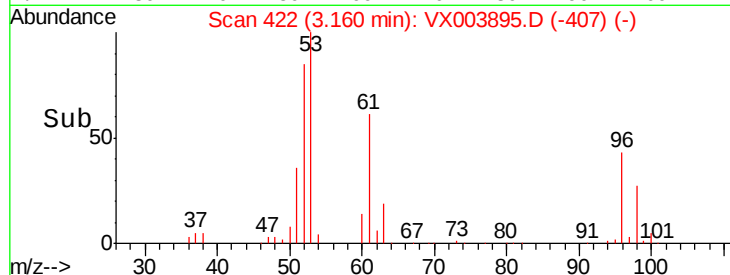
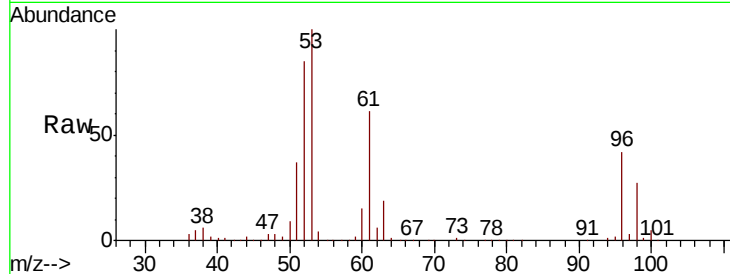
ClientSampleId :

VSTDCCC020

Tot Ion:	96	Resp:	82326
Ion	Ratio	Lower	Upper
96	100		
61	143.4	114.6	172.0
98	63.7	51.3	76.9

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#20

Diisopropyl ether

Concen: 17.23 ug/l

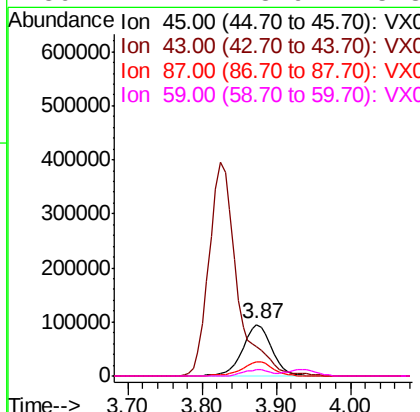
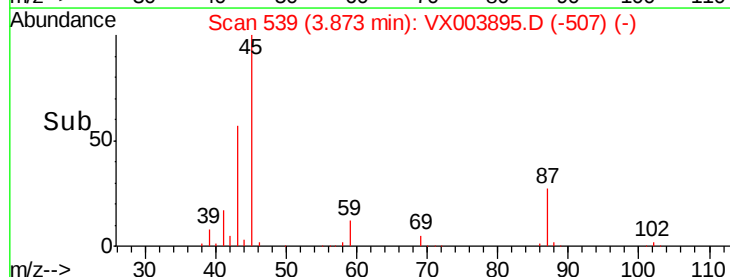
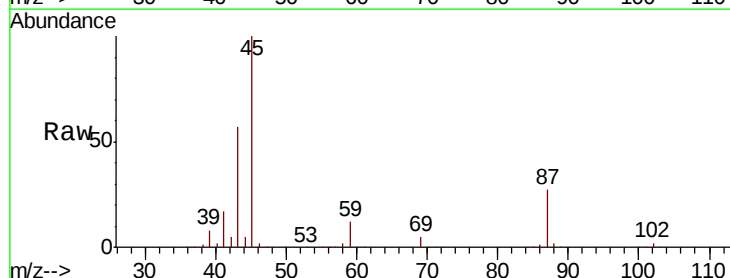
RT: 3.87 min Scan# 539

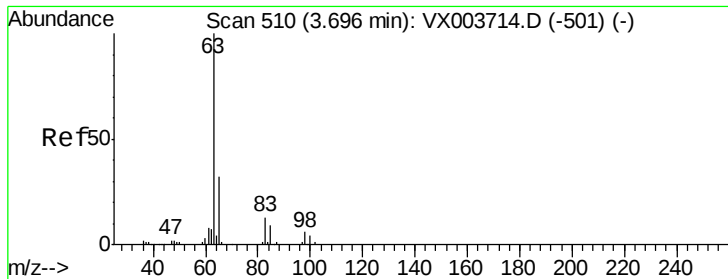
Delta R.T. -0.01 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Tgt Ion:	45	Resp:	262027
Ion	Ratio	Lower	Upper
45	100		
43	56.5	45.6	68.4
87	27.1	20.7	31.1
59	12.2	8.9	13.3





#21

1,1-Dichloroethane

Concen: 18.62 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

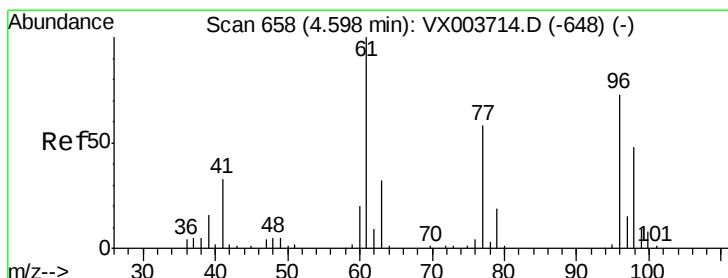
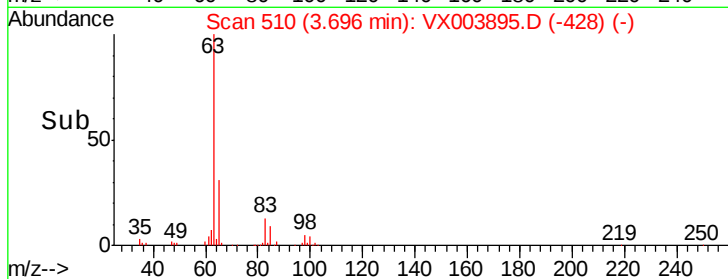
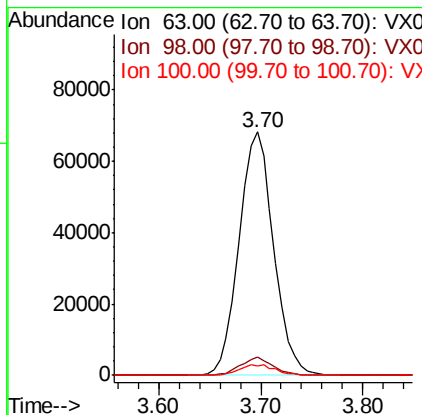
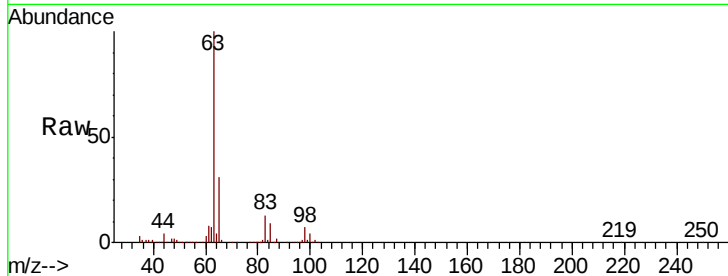
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
63	100	160345		
98	7.3		3.1	9.3
100	4.1		2.2	6.6

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 20.94 ug/l

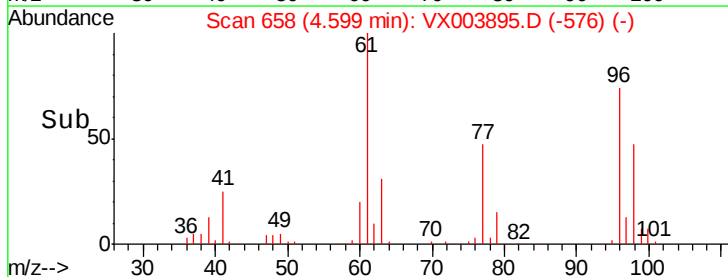
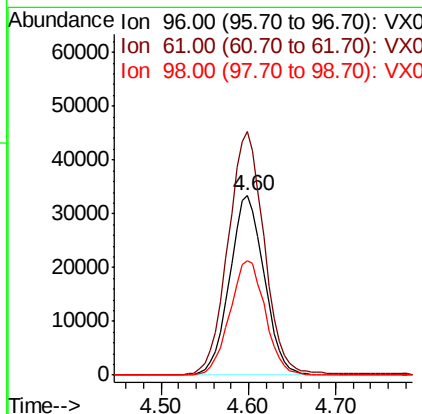
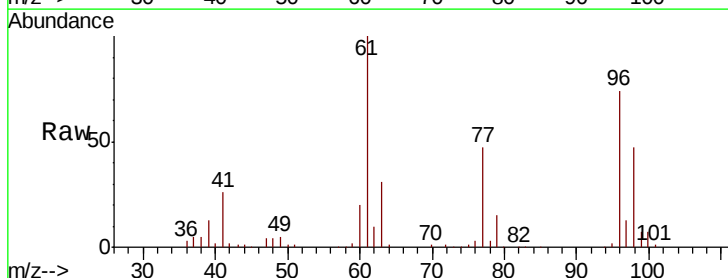
RT: 4.60 min Scan# 658

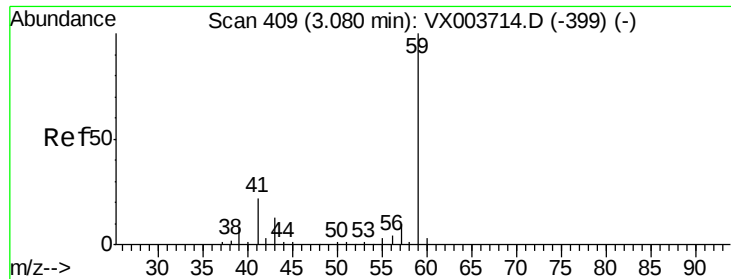
Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	91457		
61	142.5		160.2	240.2#
98	64.9		54.1	81.1





#23

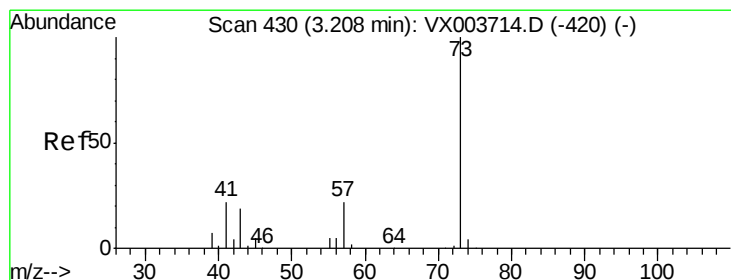
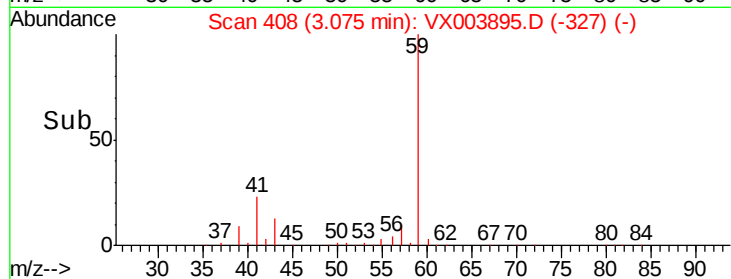
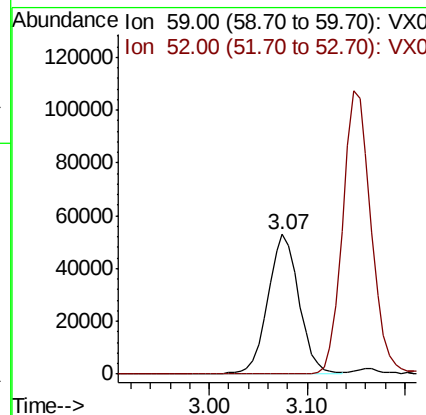
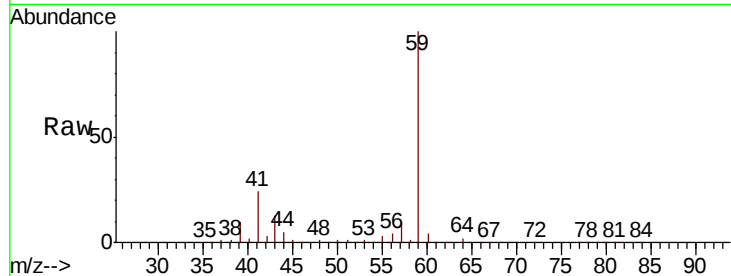
tert-Butyl Alcohol
 Concen: 95.82 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

Manual Integrations
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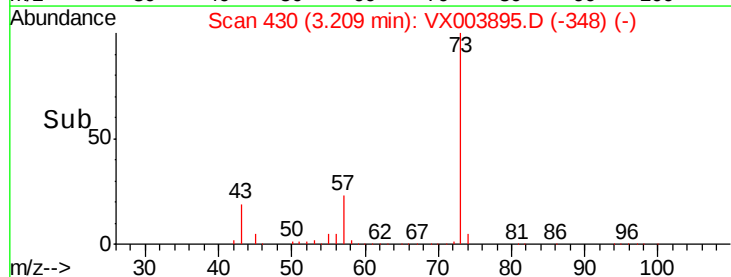
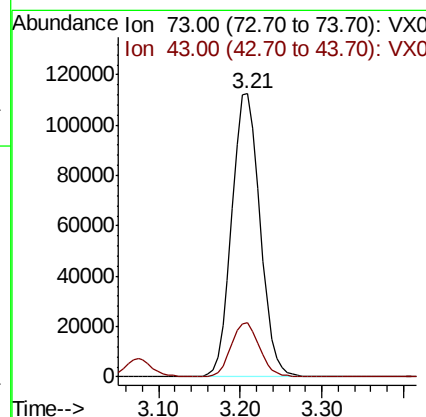
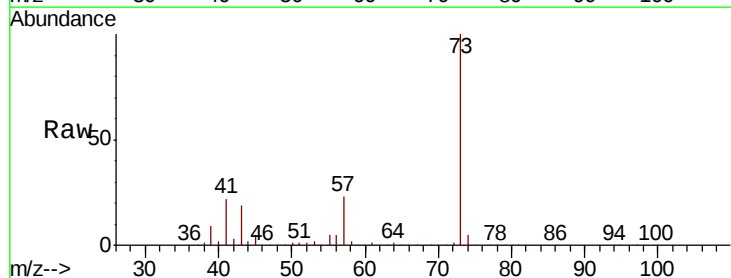
MMDadoda
 8/8/2018 12:02:20 PM

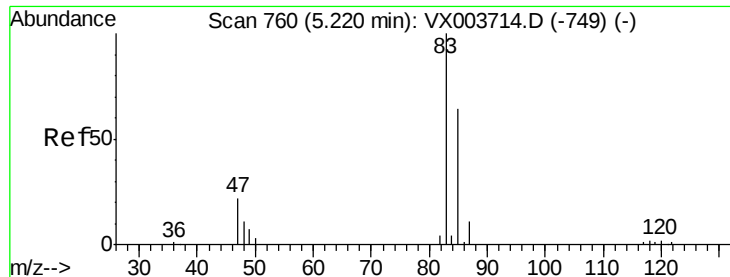


#24

Methyl tert-Butyl Ether
 Concen: 18.70 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Lower	Upper
73	100		
43	19.0	19.0	28.4





#25

Chloroform

Concen: 20.39 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 152029

Ion Ratio Lower Upper

83 100

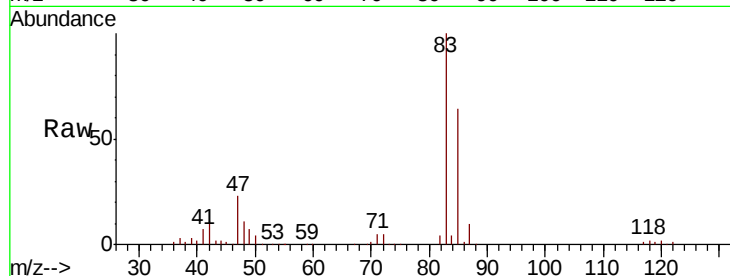
85 63.9 51.9 77.9

Manual Integrations

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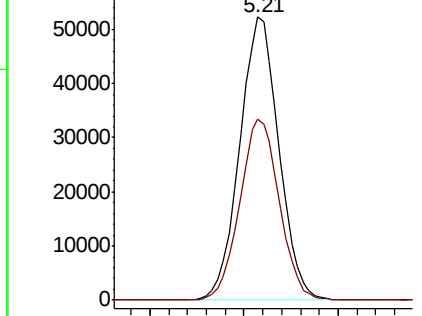
MMDadoda

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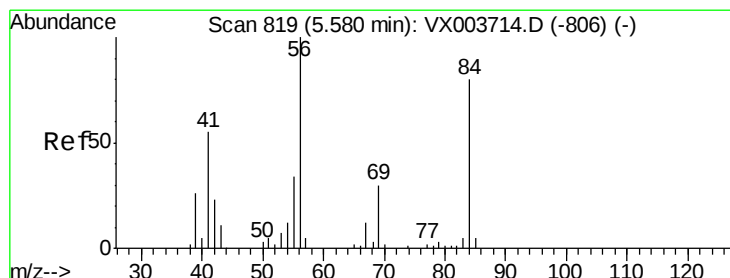
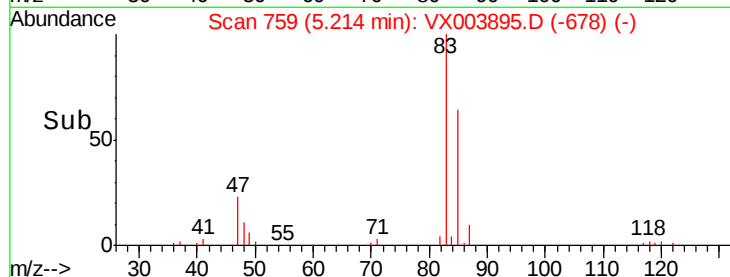


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



Time-->



#26

Cyclohexane

Concen: 19.83 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

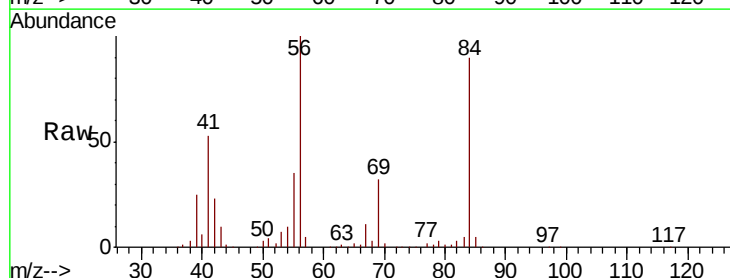
Tgt Ion: 56 Resp: 128280

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

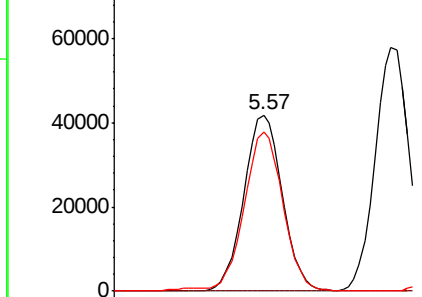
84 90.2 64.9 97.3



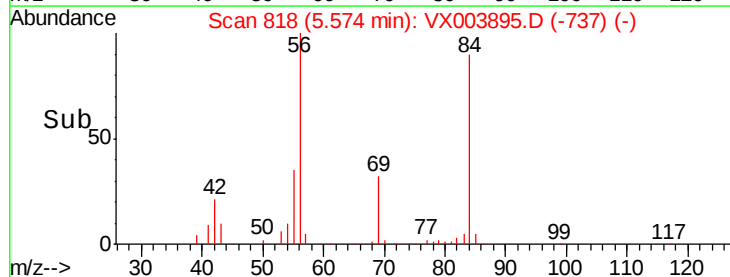
Abundance Ion 56.00 (55.70 to 56.70): VX0

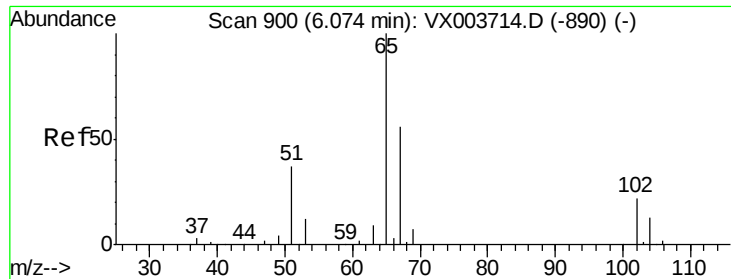
Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



Time-->





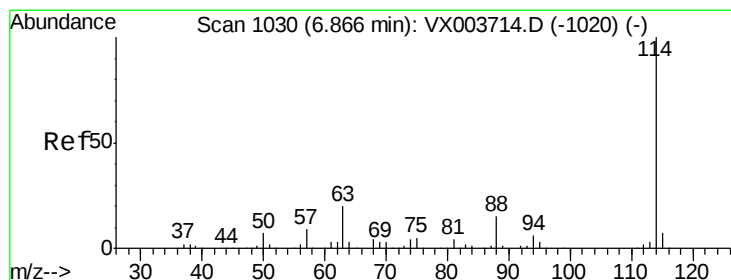
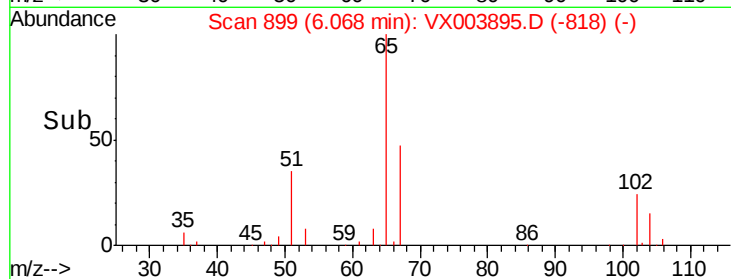
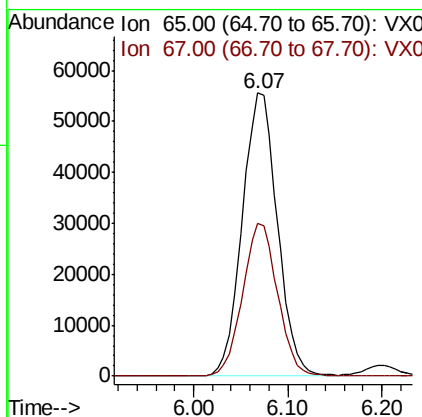
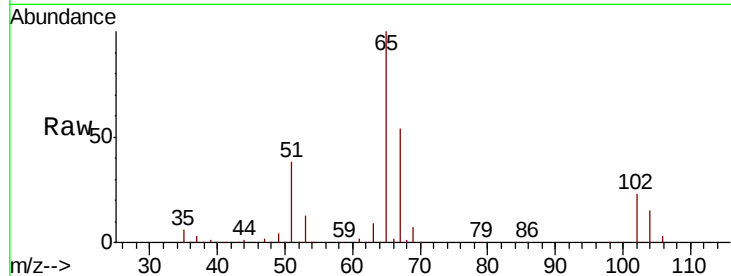
#27
 1,2-Dichloroethane-d4
 Concen: 28.41 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	40.9	61.3

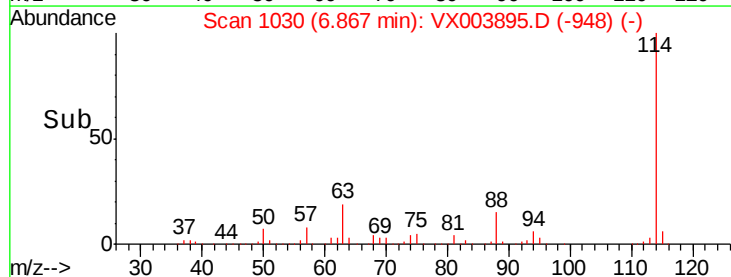
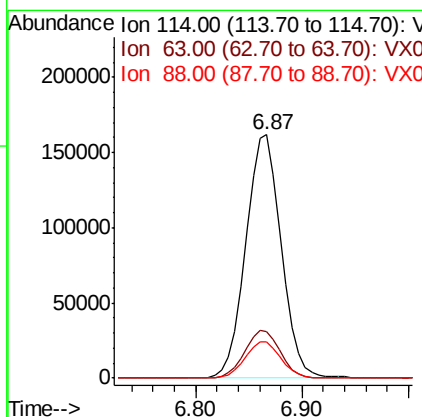
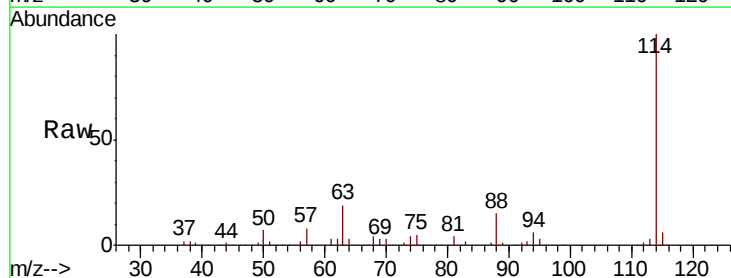
Manual Integrations
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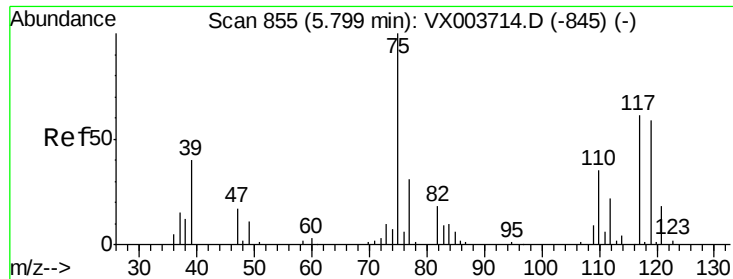
MMDadoda
 8/8/2018 12:02:20 PM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	17.1	25.7
88	15.2	12.6	19.0





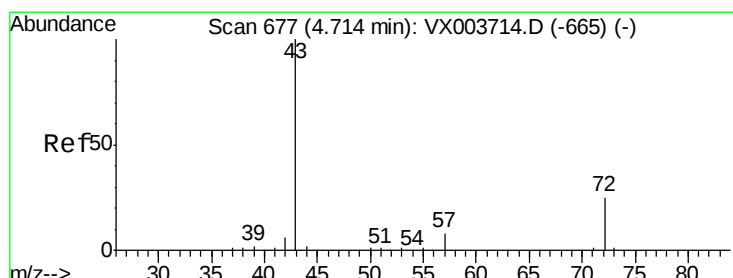
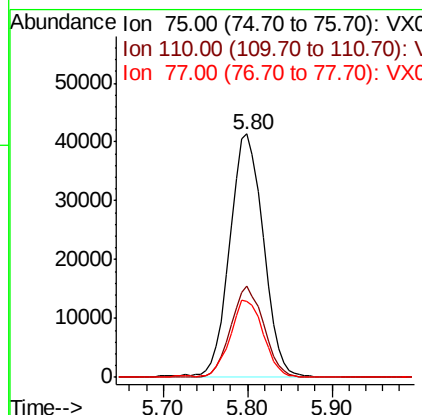
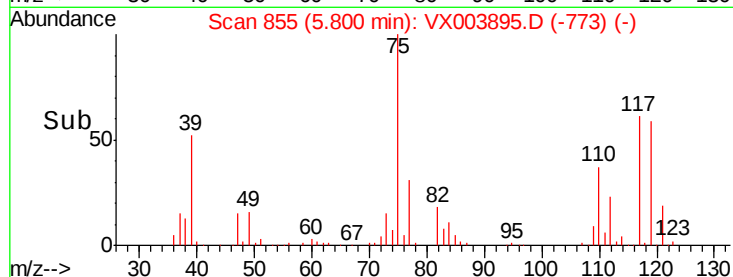
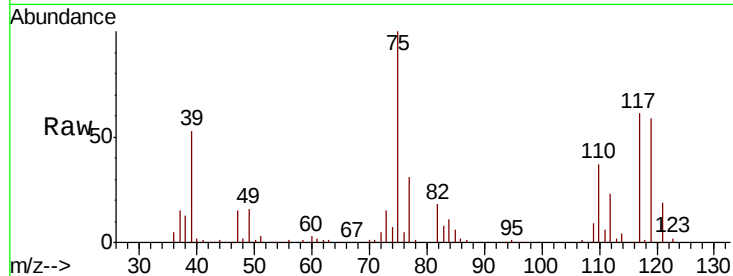
#29
 1,1-Dichloropropene
 Concen: 20.15 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.5	0.0	71.4
77	31.4	0.0	60.6

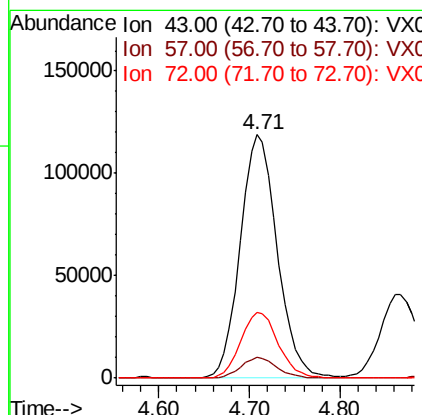
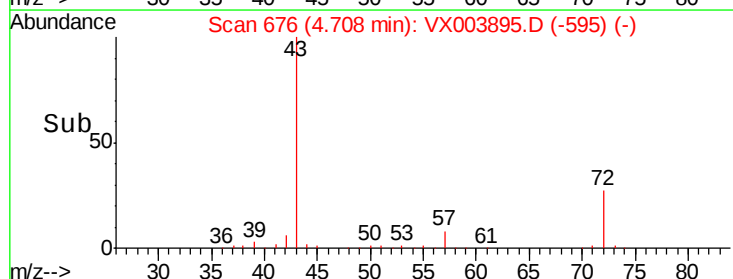
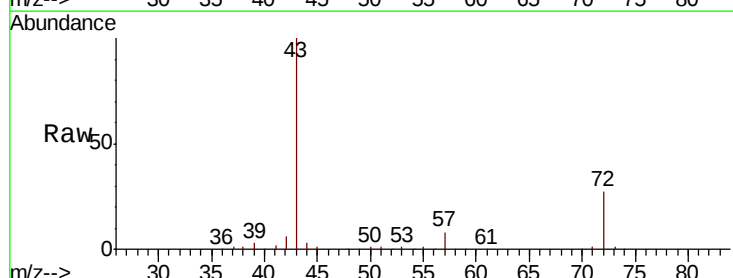
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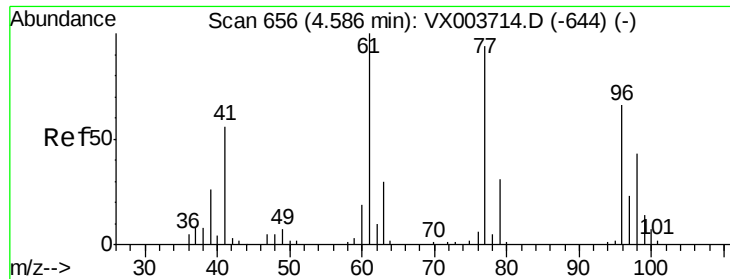
MMDadoda
 8/8/2018 12:02:20 PM



#30
 2-Butanone
 Concen: 94.10 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.3	6.1	9.1
72	27.4	18.1	27.1#





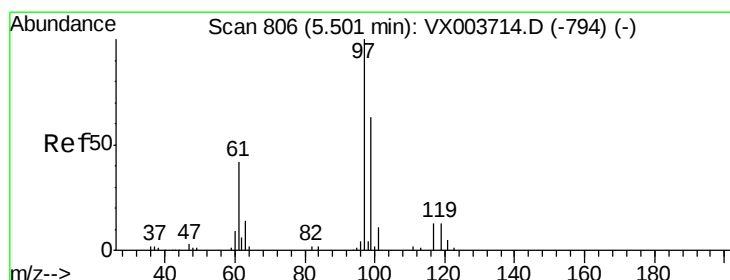
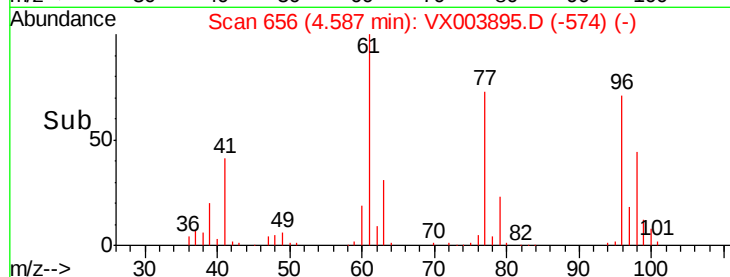
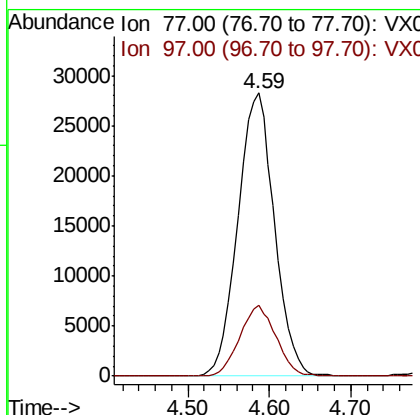
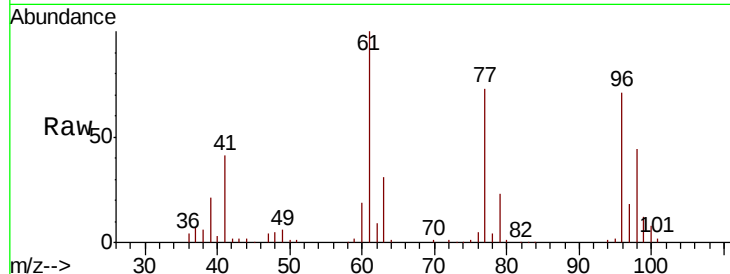
#31
 2,2-Dichloropropane
 Concen: 16.26 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 77 Resp: 87889
 Ion Ratio Lower Upper
 77 100
 97 24.6 18.7 28.1

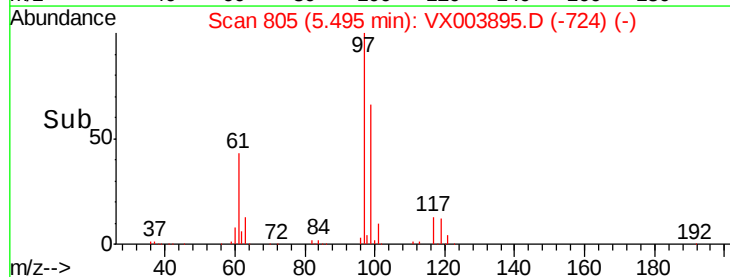
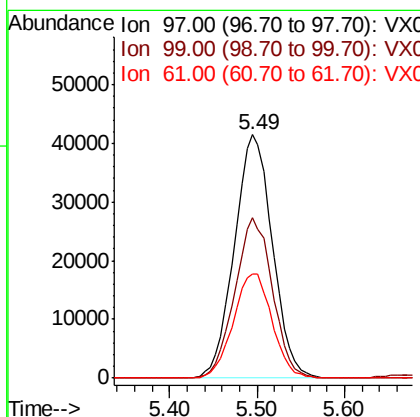
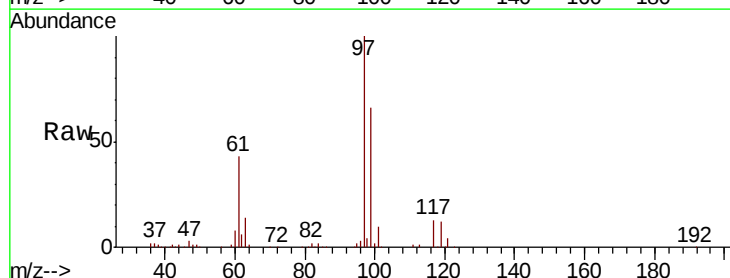
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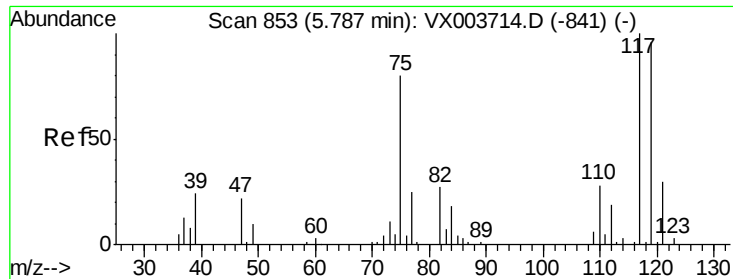
MMDadoda
 8/8/2018 12:02:20 PM



#32
 1,1,1-Trichloroethane
 Concen: 19.68 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Tgt Ion: 97 Resp: 125633
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.7 77.5
 61 43.9 36.4 54.6





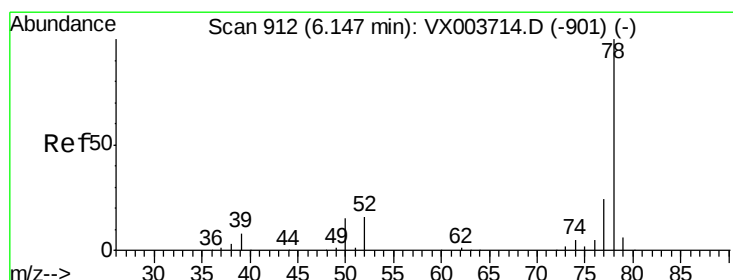
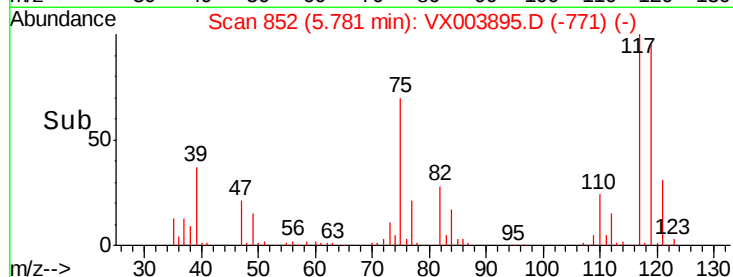
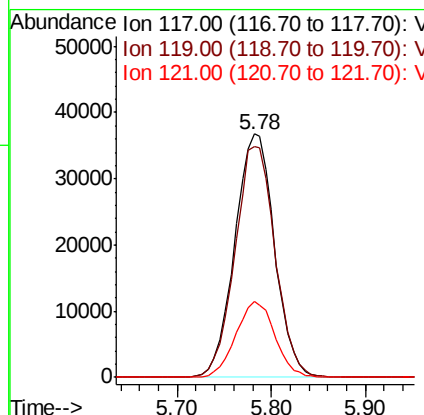
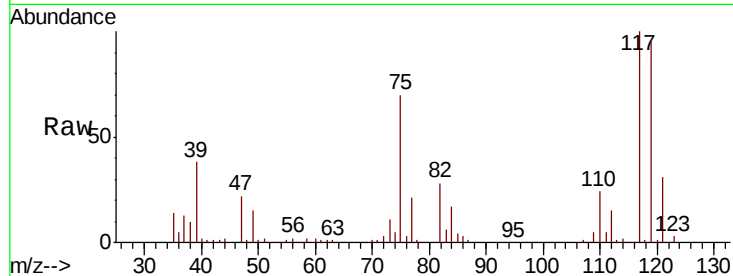
#33
Carbon Tetrachloride
Concen: 19.49 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.6	73.3	109.9
121	31.4	23.6	35.4

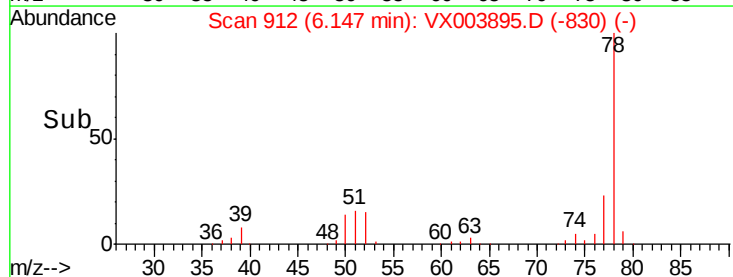
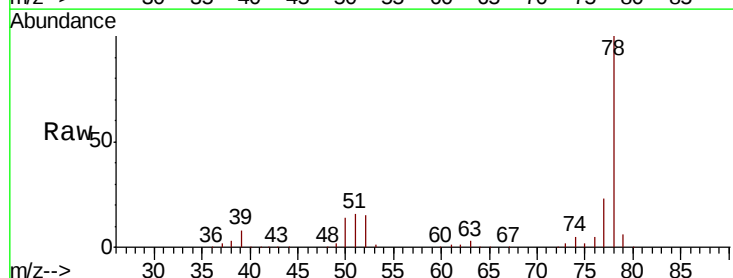
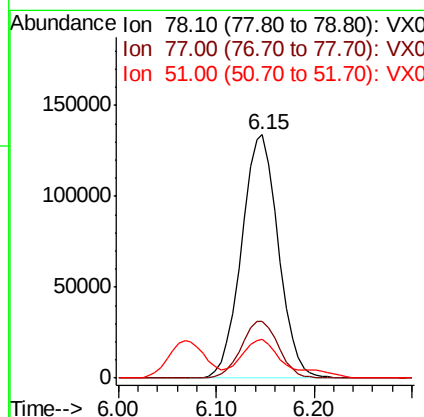
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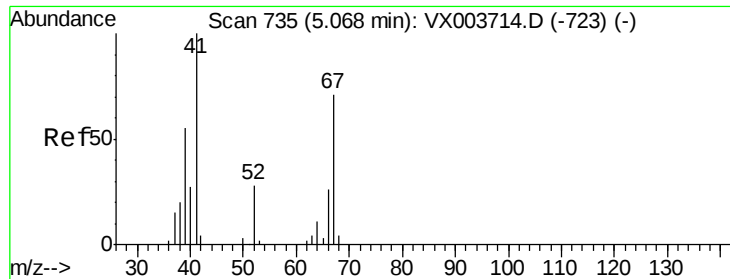
MMDadoda
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#34
Benzene
Concen: 20.37 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.0
51	14.9	13.8	20.6





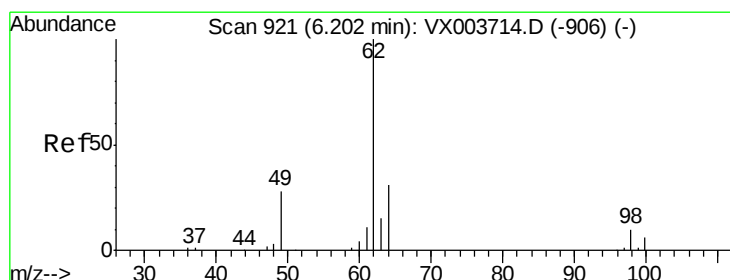
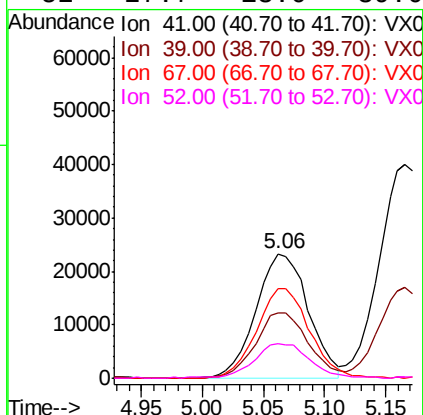
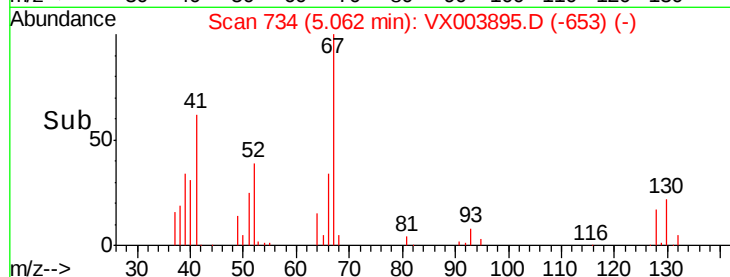
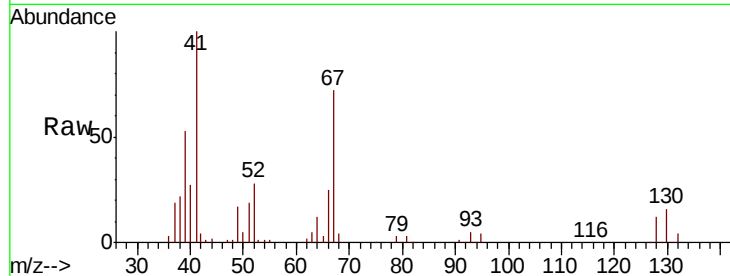
#35
Methacrylonitrile
Concen: 18.69 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	41	Resp:	69194
Ion	Ratio	Lower	Upper
41	100		
39	52.8	28.8	86.5
67	72.1	30.4	91.2
52	27.7	13.0	39.0

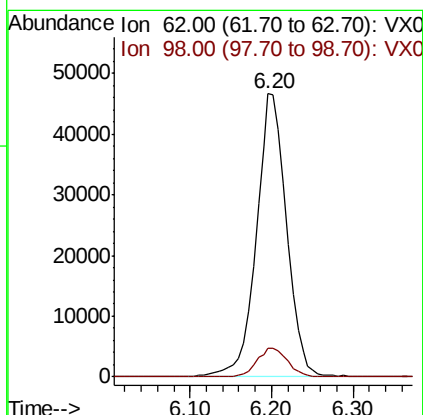
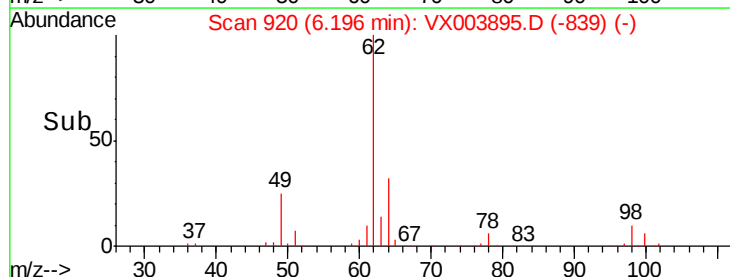
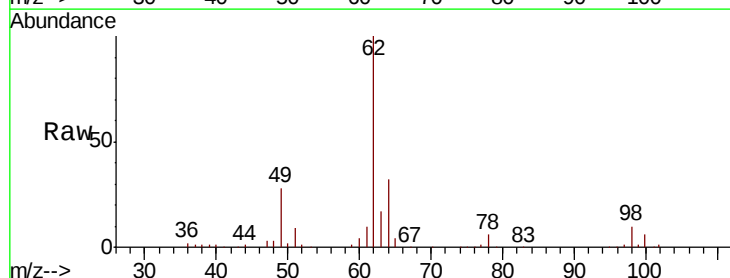
Manual Integrations
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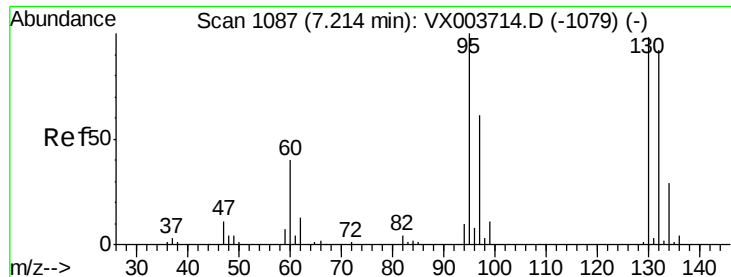
MMDadoda
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#36
1,2-Dichloroethane
Concen: 19.53 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Tgt Ion:	62	Resp:	120360
Ion	Ratio	Lower	Upper
62	100		
98	10.3	6.5	9.7#





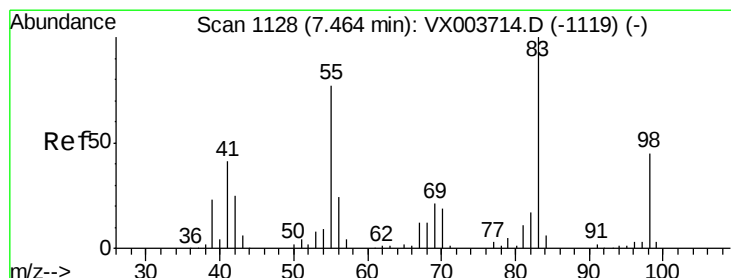
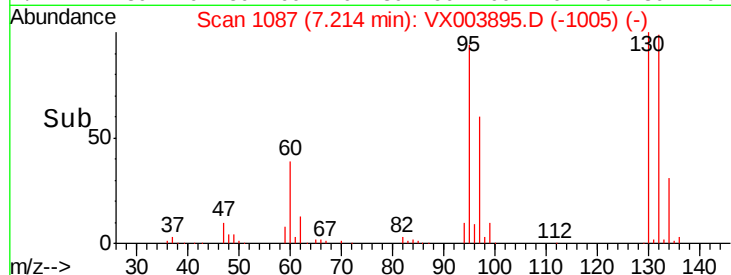
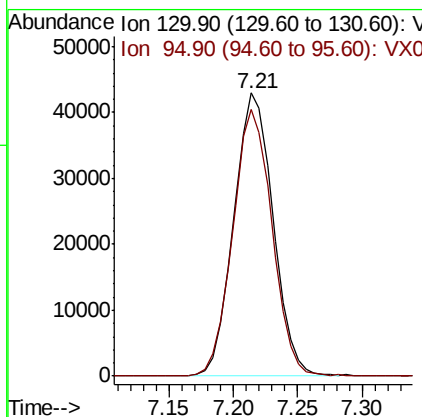
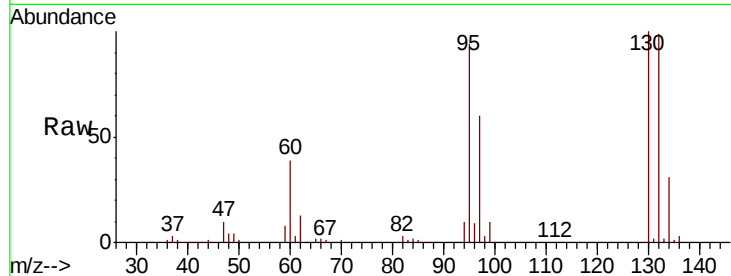
#37
 Trichloroethene
 Concen: 20.39 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:130 Resp: 91090
 Ion Ratio Lower Upper
 130 100
 95 93.9 81.5 122.3

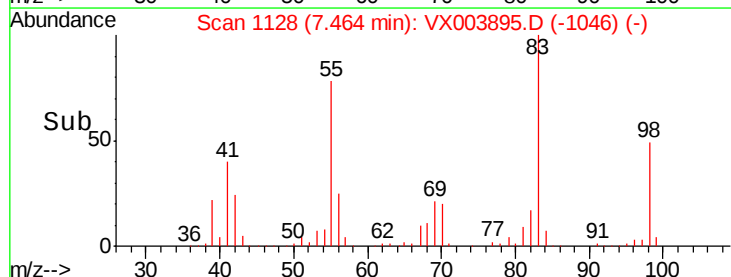
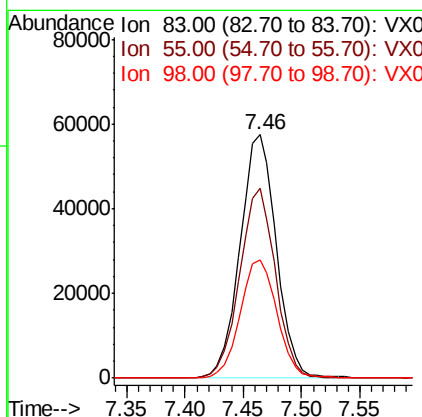
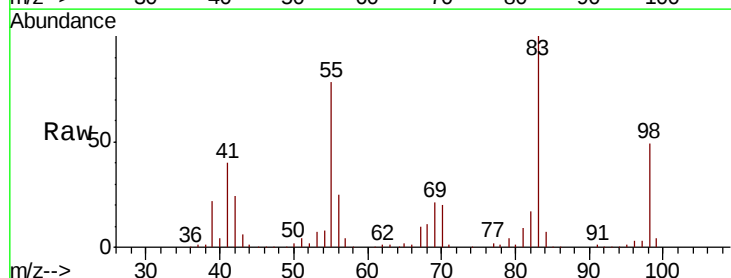
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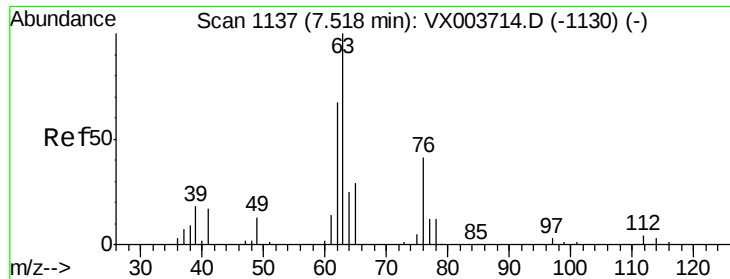
MMDadoda
 8/8/2018 12:02:20 PM



#38
 Methylcyclohexane
 Concen: 19.66 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Tgt Ion: 83 Resp: 124638
 Ion Ratio Lower Upper
 83 100
 55 76.7 40.6 121.8
 98 49.4 23.5 70.5





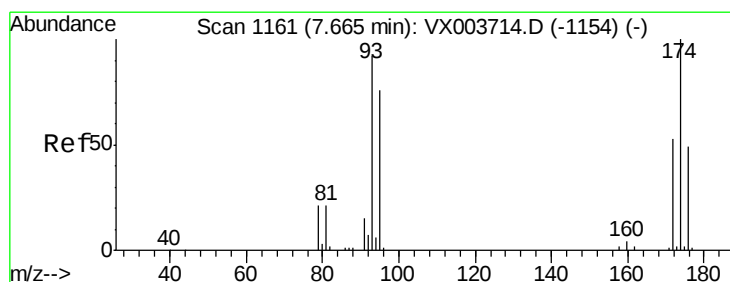
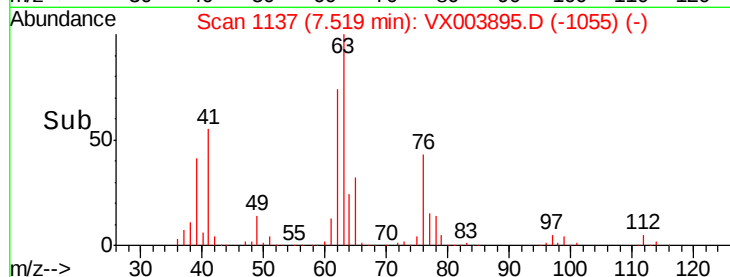
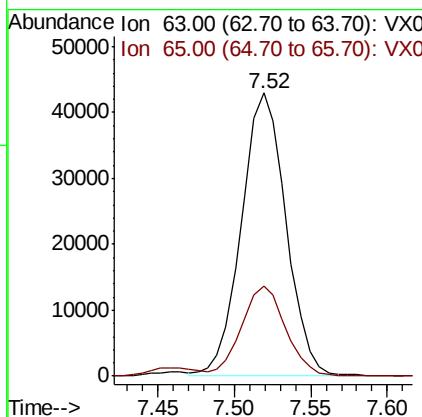
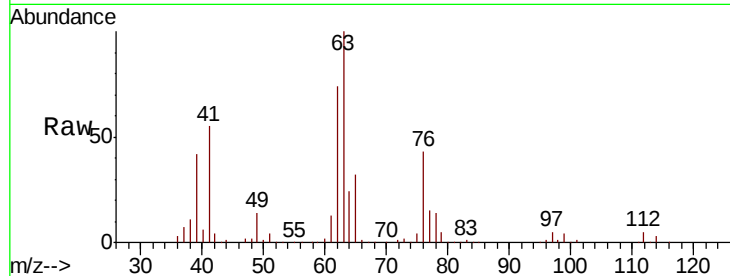
#39
 1,2-Dichloropropane
 Concen: 19.25 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	23.3	34.9

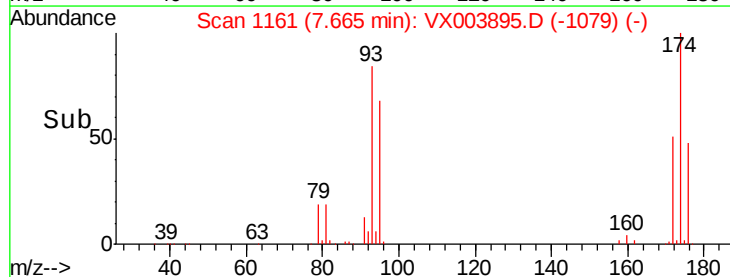
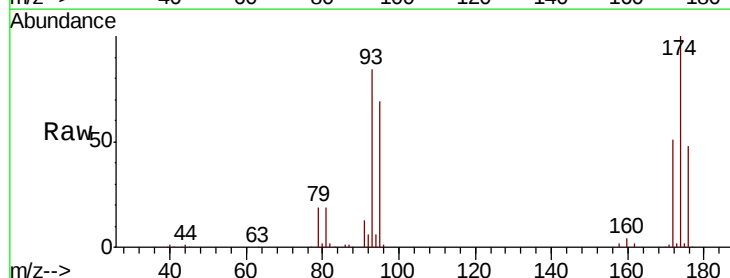
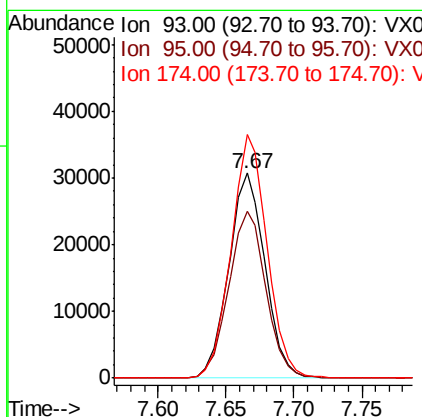
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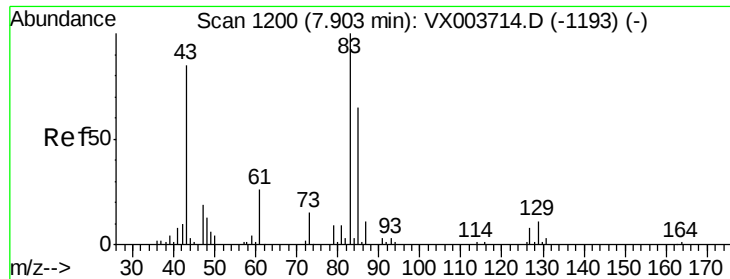
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#40
 Dibromomethane
 Concen: 19.48 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	0.0	162.6
174	117.6	0.0	229.4





#41

Bromodichloromethane

Concen: 19.15 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

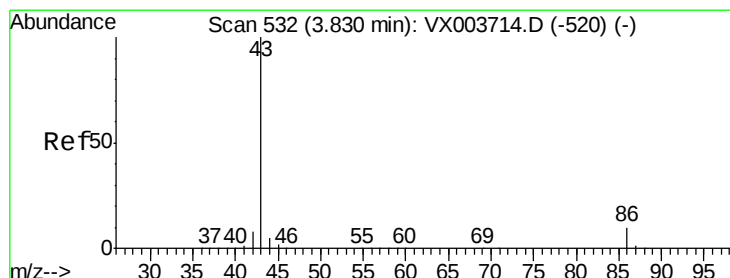
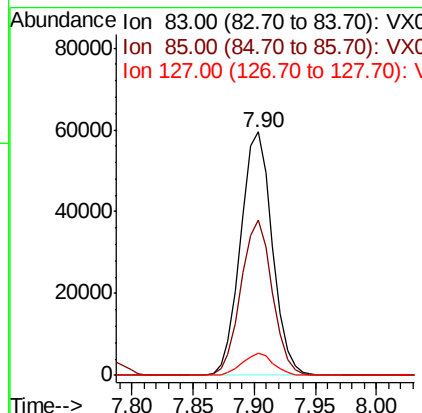
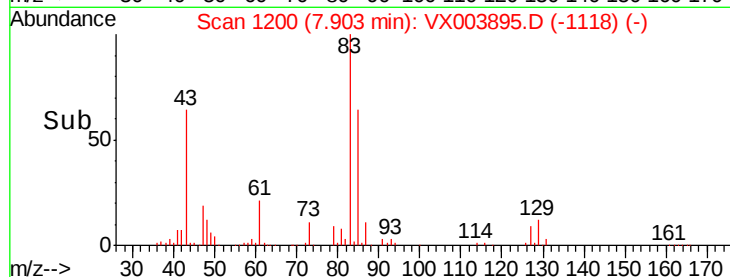
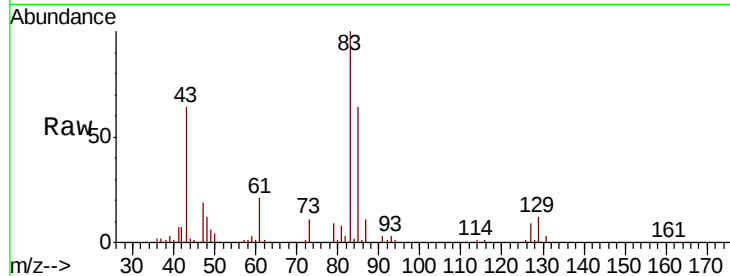
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	107249
Ion Ratio	Lower	Upper	
83	100		
85	64.0	49.8	74.8
127	9.2	7.3	10.9

Manual Integrations
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MMDadoda
8/8/2018 12:02:20 PM



#42

Vinyl Acetate

Concen: 75.83 ug/l

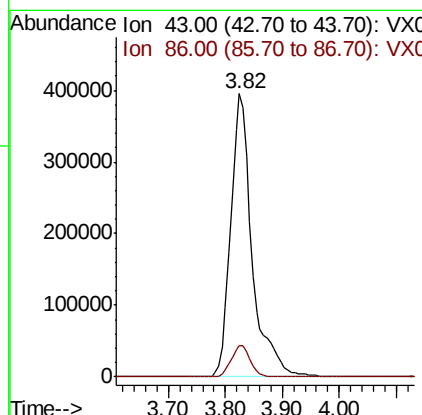
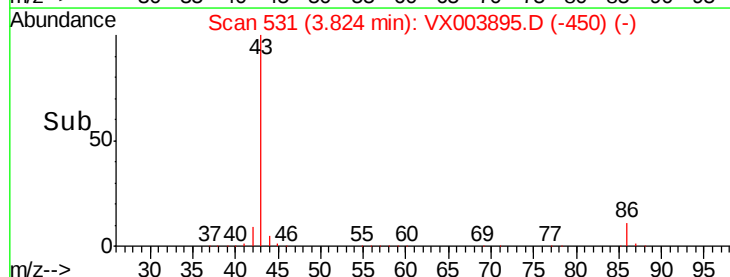
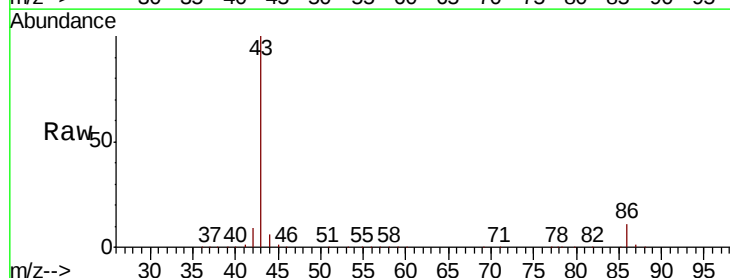
RT: 3.82 min Scan# 531

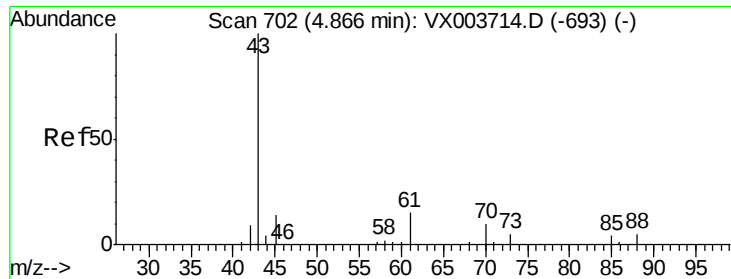
Delta R.T. -0.01 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Tgt Ion:	43	Resp:	1038121
Ion Ratio	Lower	Upper	
43	100		
86	9.8	6.7	10.1





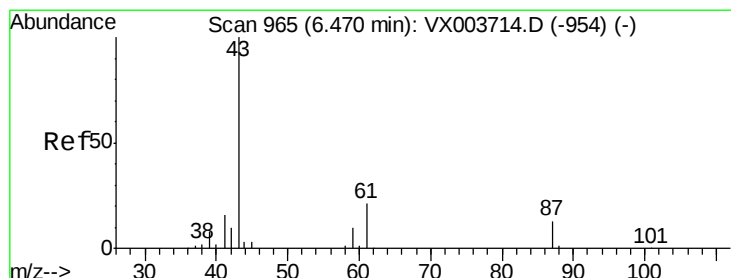
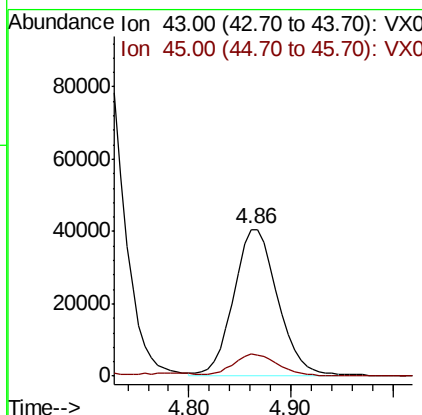
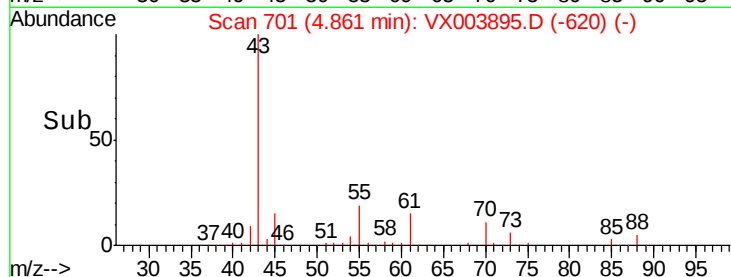
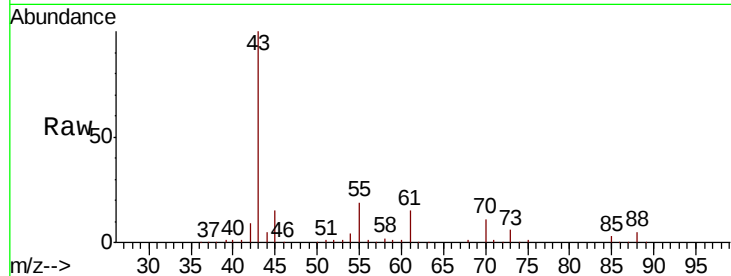
#43
Ethyl Acetate
Concen: 18.25 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion: 43 Resp: 121476
Ion Ratio Lower Upper
43 100
45 14.3 11.0 16.4

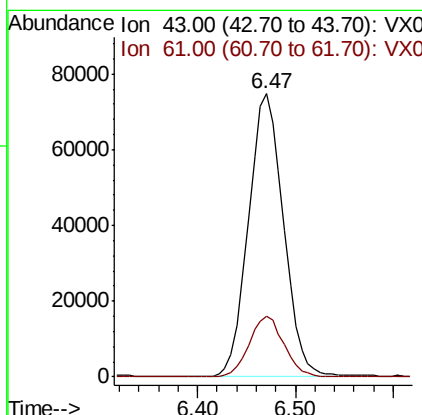
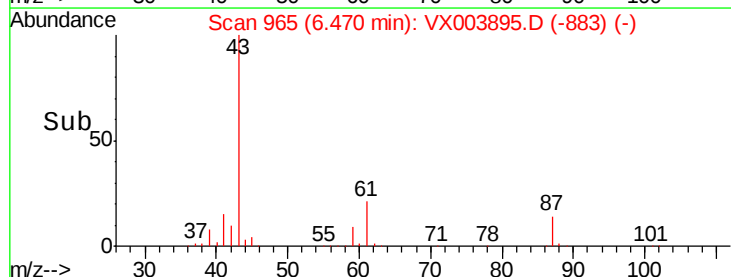
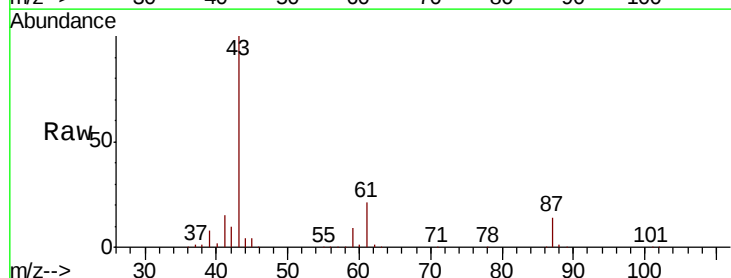
Manual Integrations
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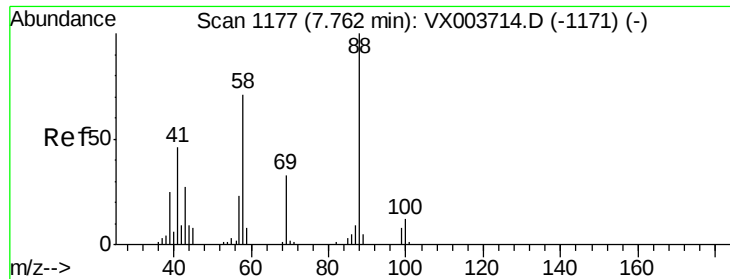
MMDadoda
8/8/2018 12:02:20 PM



#44
Isopropyl Acetate
Concen: 18.22 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Tgt Ion: 43 Resp: 186037
Ion Ratio Lower Upper
43 100
61 21.3 14.5 21.7





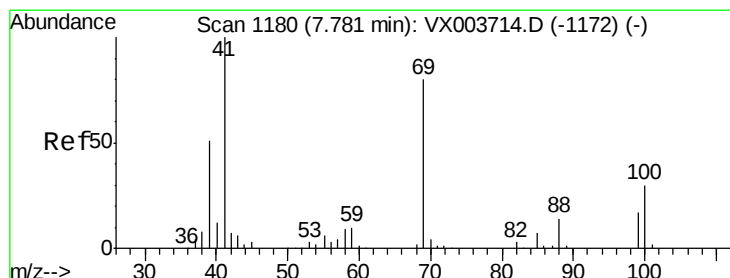
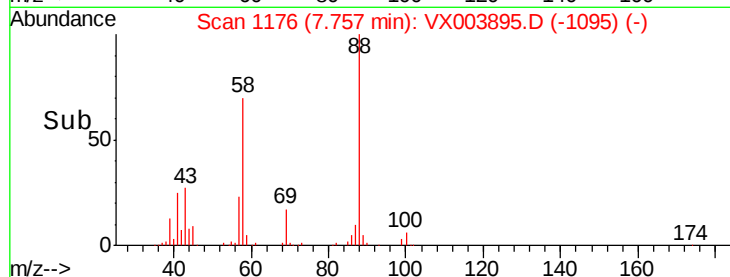
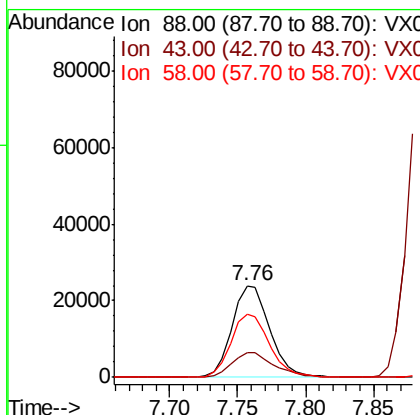
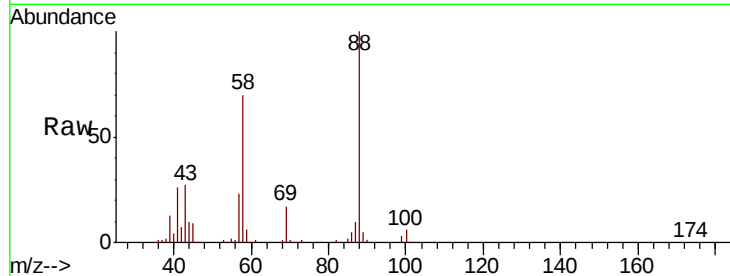
#45
1,4-Dioxane
Concen: 408.26 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	43.2	64.8#
58	71.3	60.2	90.2

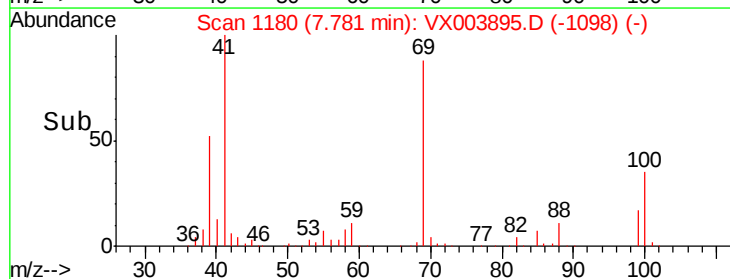
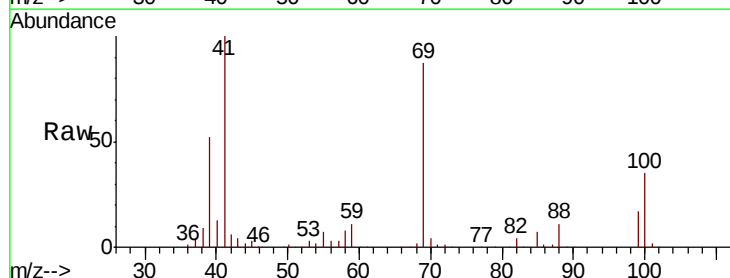
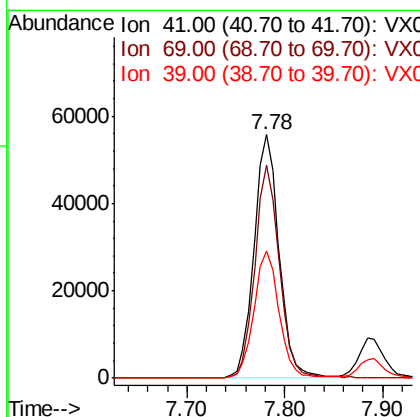
Manual Integrations
APPROVED

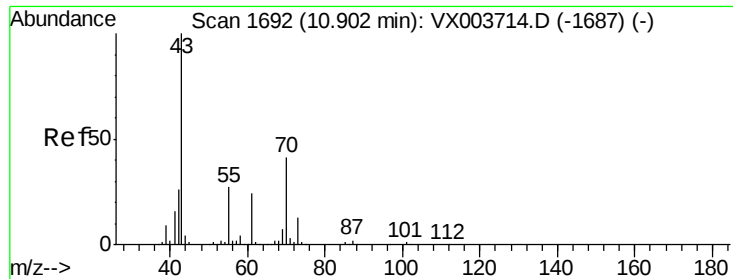
MMDadoda
8/8/2018 12:02:20 PM



#46
Methyl methacrylate
Concen: 18.94 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.5	37.0	110.9
39	52.0	29.6	88.9





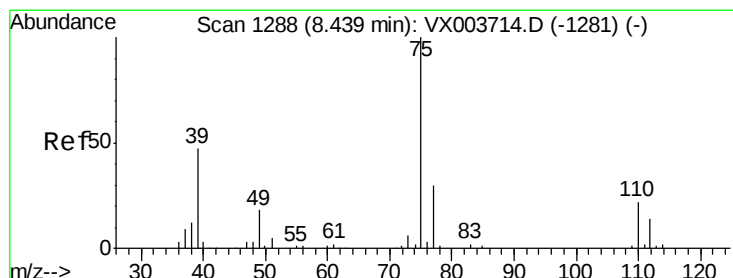
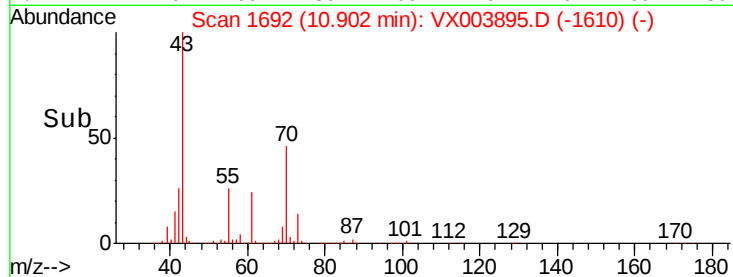
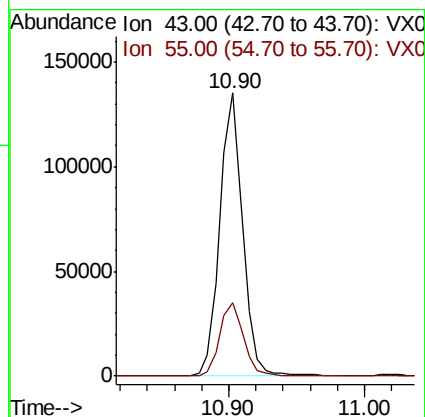
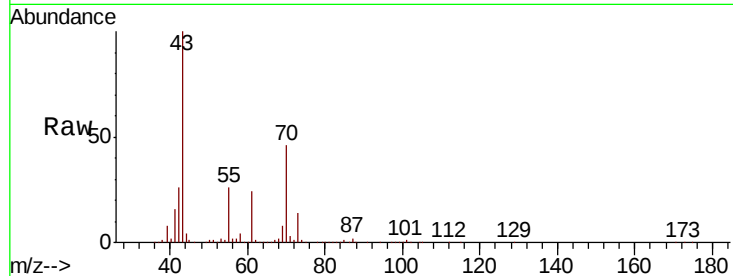
#47
n-amvl Acetate
Concen: 16.37 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 43 Resp: 157783
Ion Ratio Lower Upper
43 100
55 27.0 0.1 0.1#

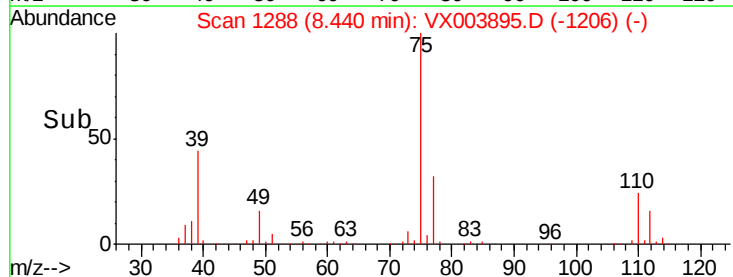
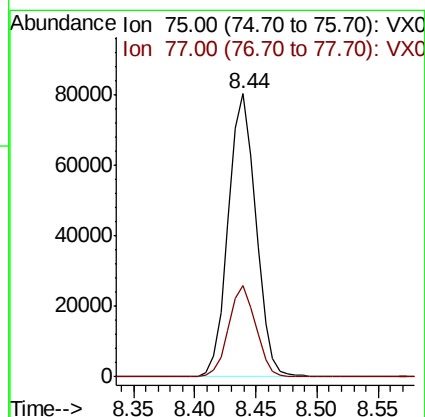
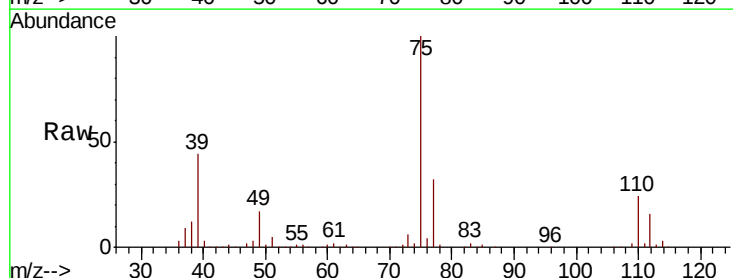
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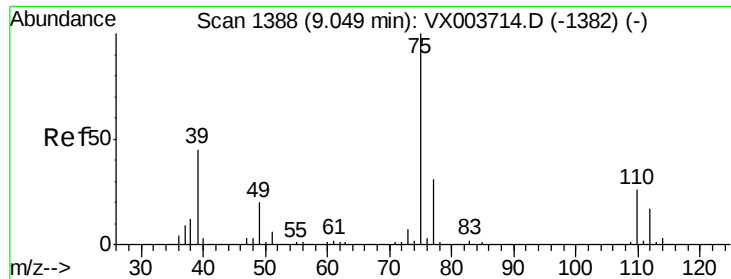
MMDadoda
8/8/2018 12:02:20 PM



#48
t-1,3-Dichloropropene
Concen: 18.50 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Tgt Ion: 75 Resp: 125734
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4





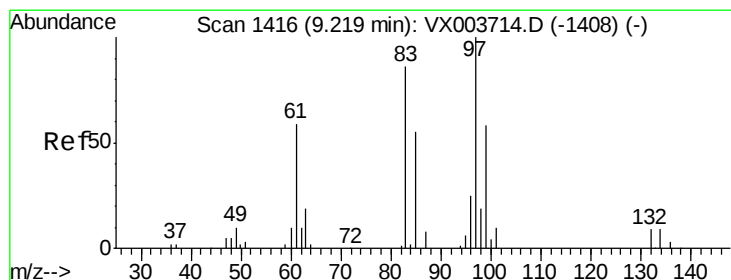
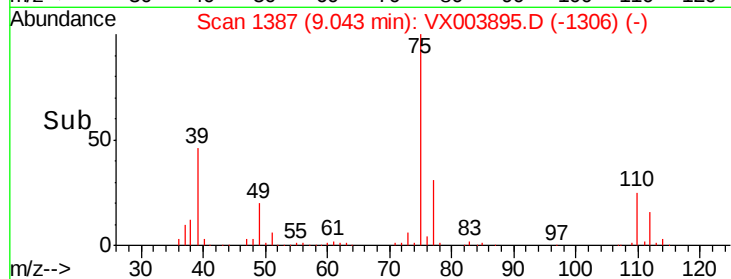
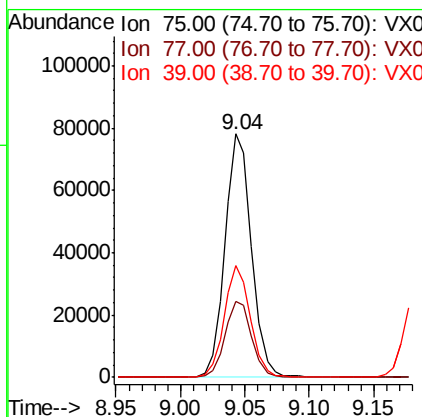
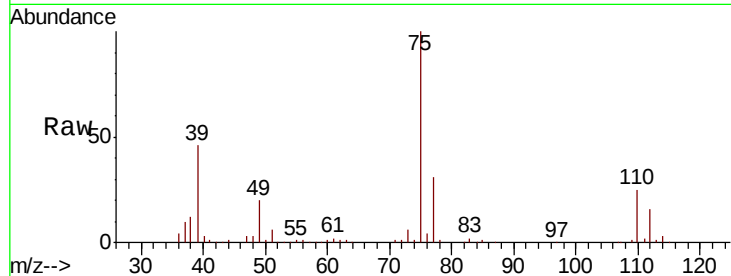
#49
 cis-1,3-Dichloropropene
 Concen: 17.70 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.2
39	45.9	42.3	63.5

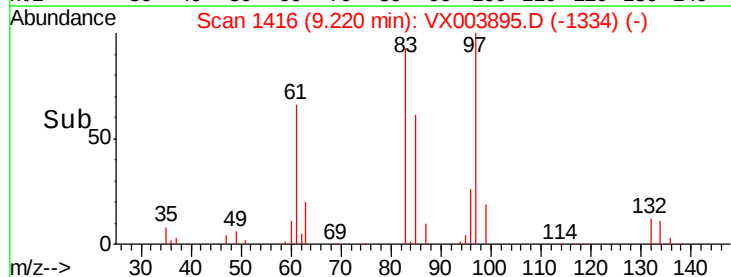
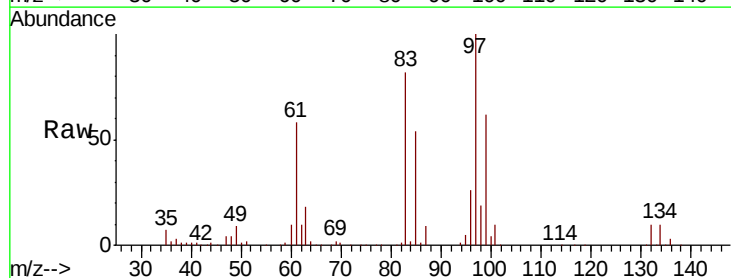
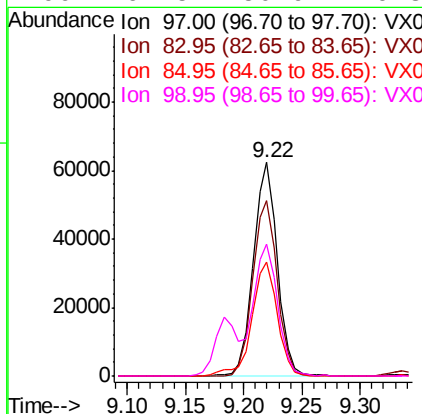
Manual Integrations
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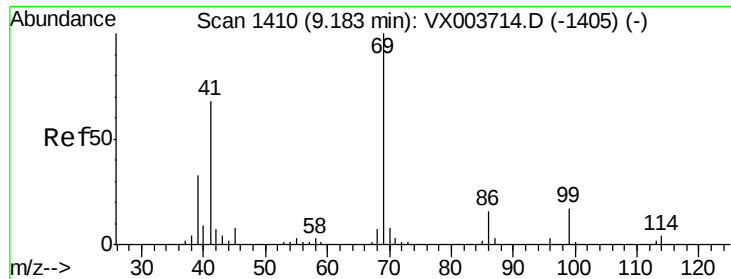
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 19.20 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.0	70.8	106.2
85	53.4	43.5	65.3
99	61.5	50.9	76.3





#51

Ethyl methacrylate

Concen: 17.68 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

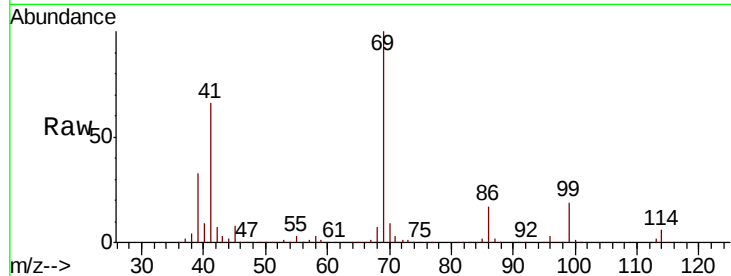
ClientSampled :

VSTDCCC020

Tot Ion:	69	Resp:	123886
Ion Ratio	Lower	Upper	
69	100		
41	65.6	39.1	117.3
39	33.2	21.7	65.1

Manual Integrations
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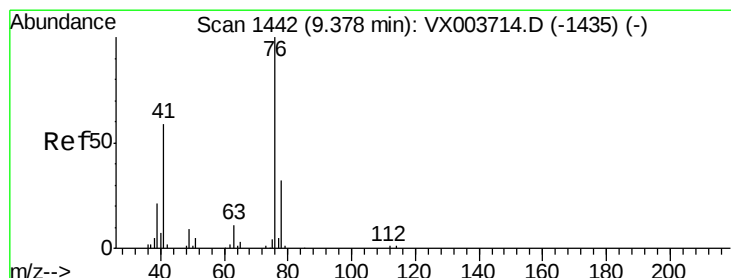
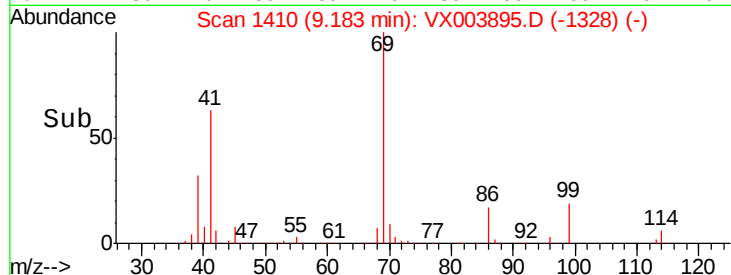
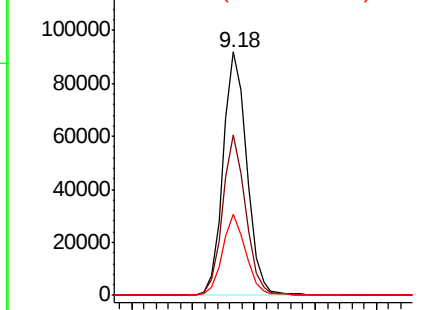


Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 19.62 ug/l

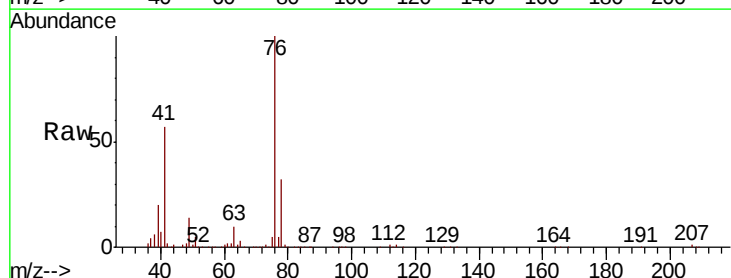
RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

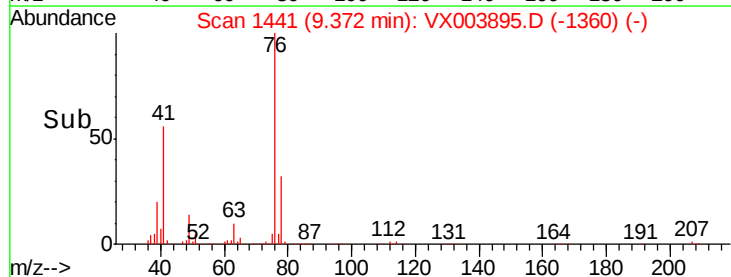
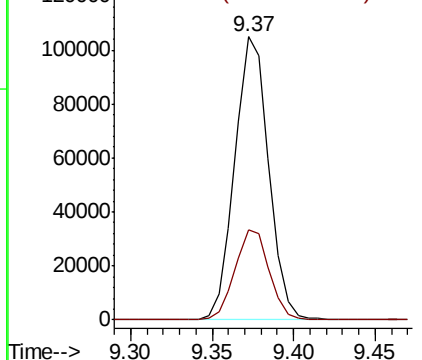
Tgt Ion:	76	Resp:	151959
Ion Ratio	Lower	Upper	
76	100		
78	32.2	0.0	63.4

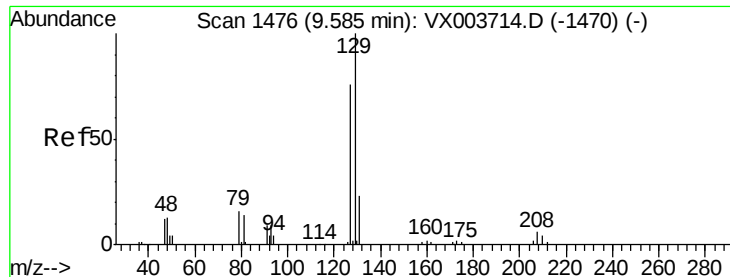


Abundance

Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.58 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 84927

Ion Ratio Lower Upper

129 100

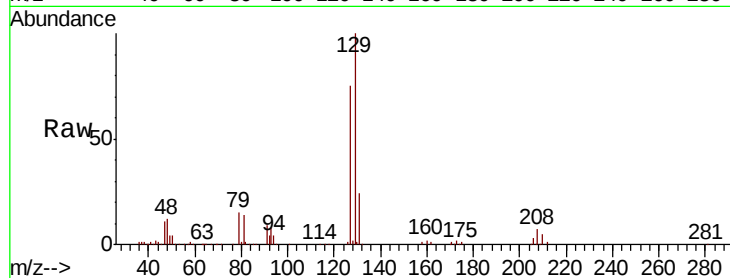
127 76.5 38.5 115.3

Manual Integrations

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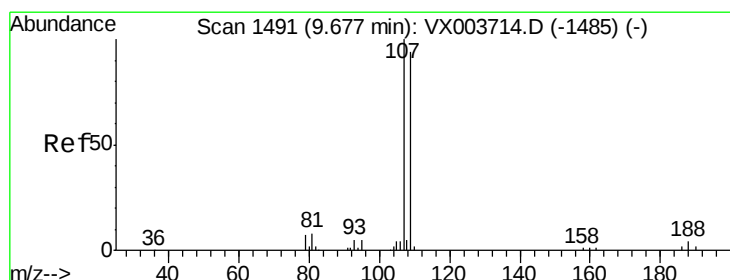
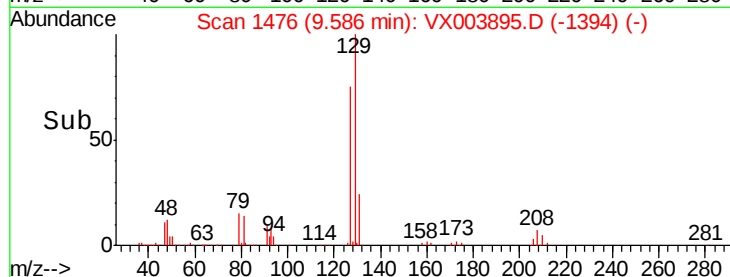
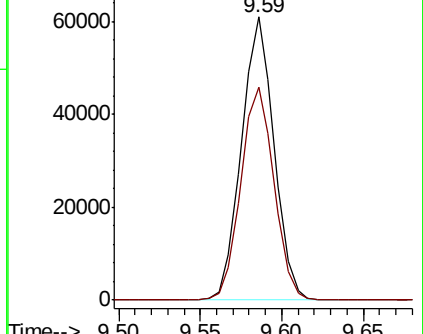
MMDadoda

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.05 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003895.D

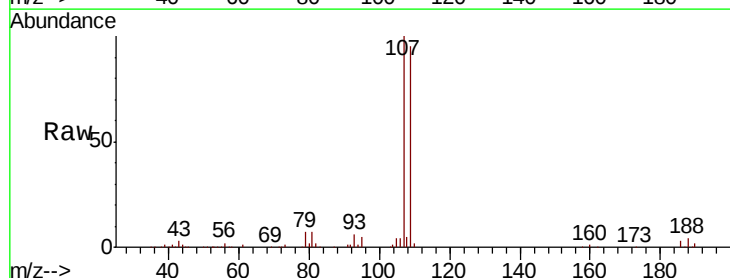
Acq: 07 Aug 2018 22:19

Tgt Ion:107 Resp: 92703

Ion Ratio Lower Upper

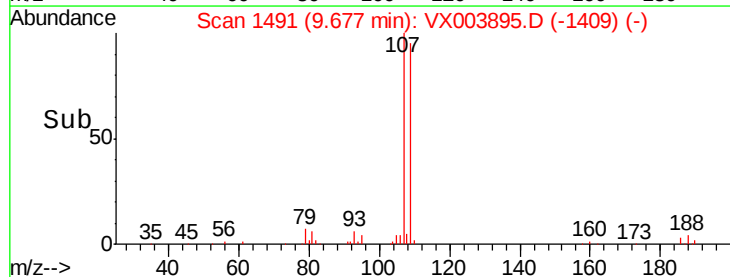
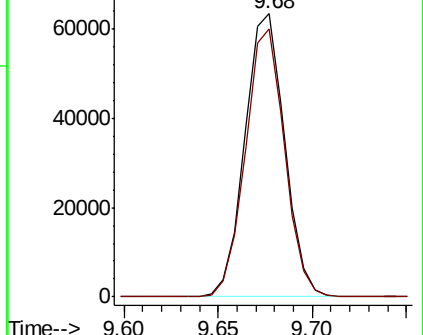
107 100

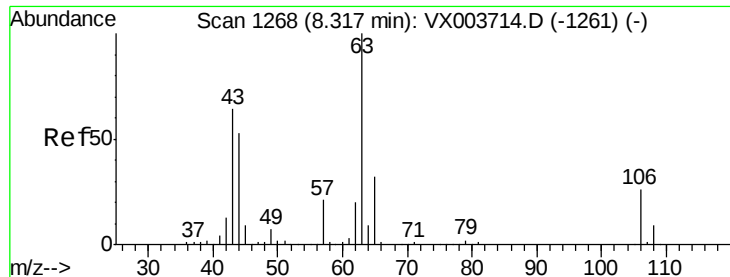
109 93.5 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 89.29 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

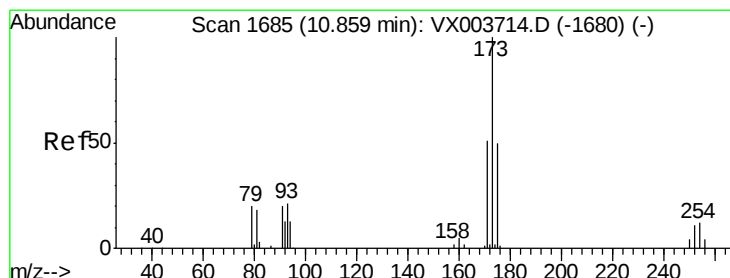
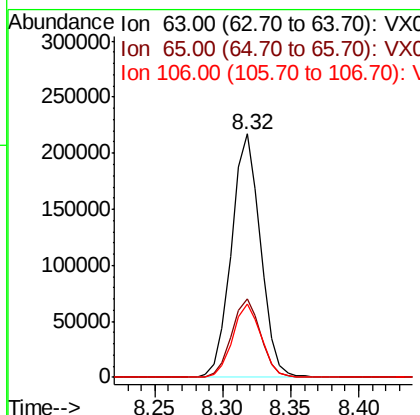
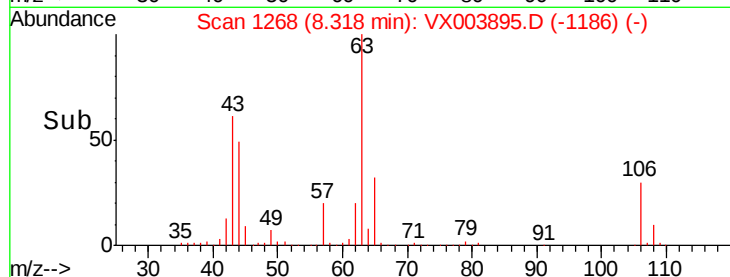
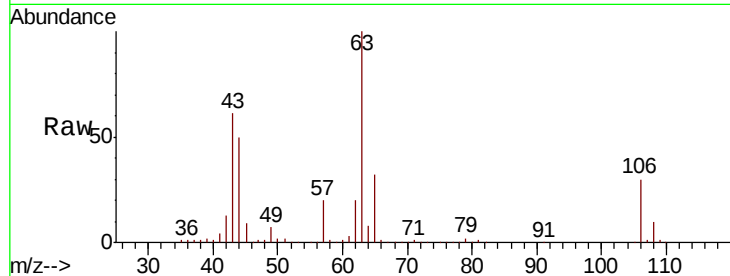
ClientSampled :

VSTDCCC020

Tot Ion:	63	Resp:	322693
Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.6	38.4
106	29.8	21.6	32.4

Manual Integrations
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#56

Bromoform

Concen: 17.94 ug/l

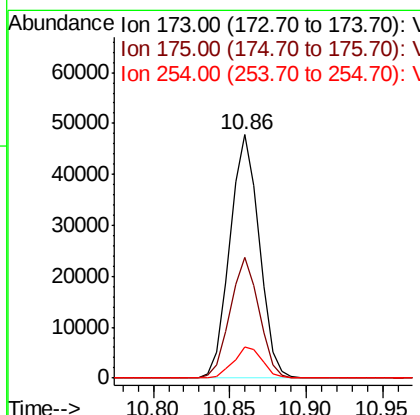
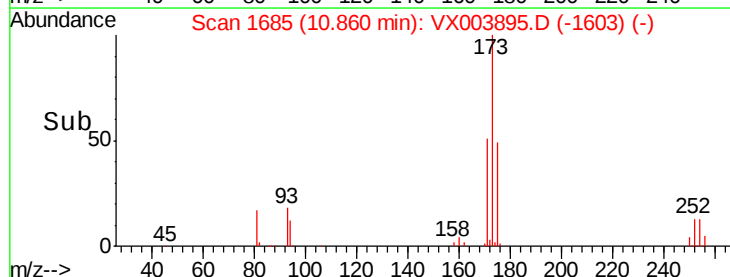
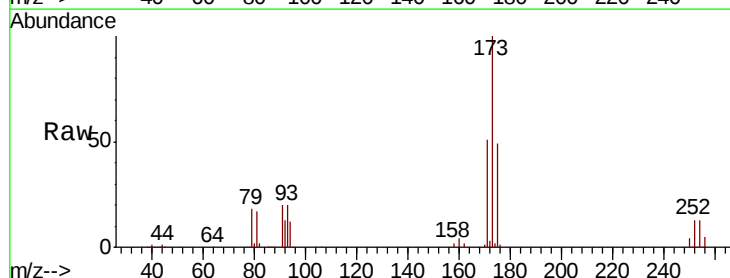
RT: 10.86 min Scan# 1685

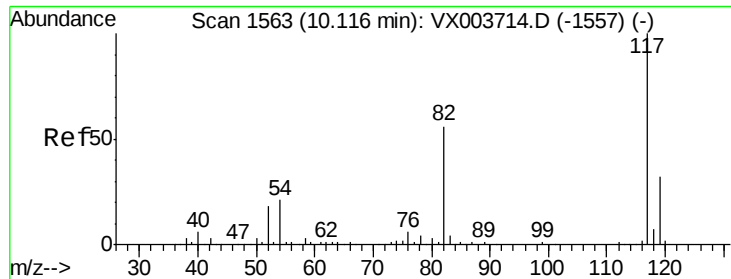
Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Tgt Ion:	173	Resp:	63626
Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.0	58.4
254	12.6	9.6	14.4





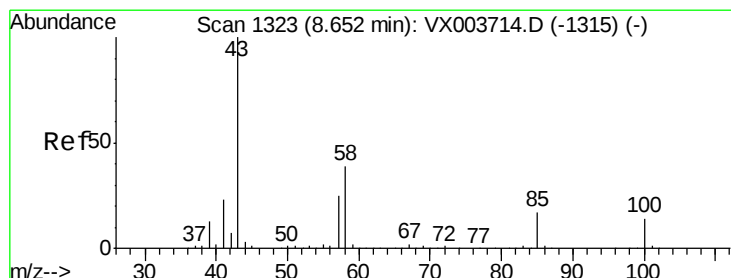
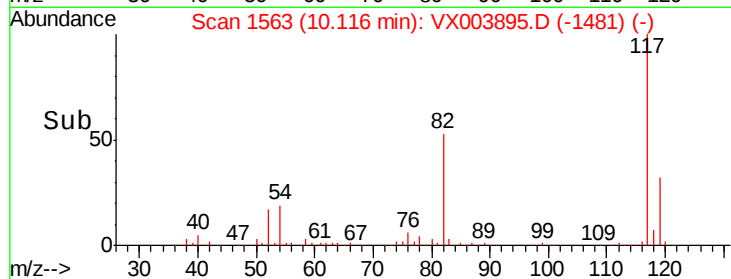
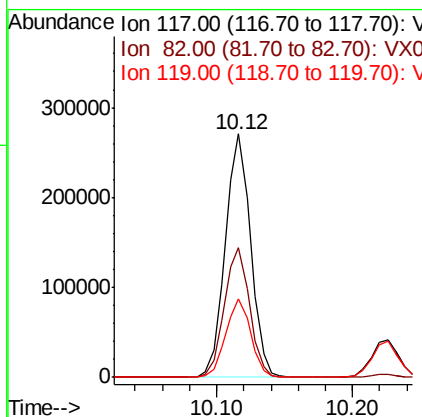
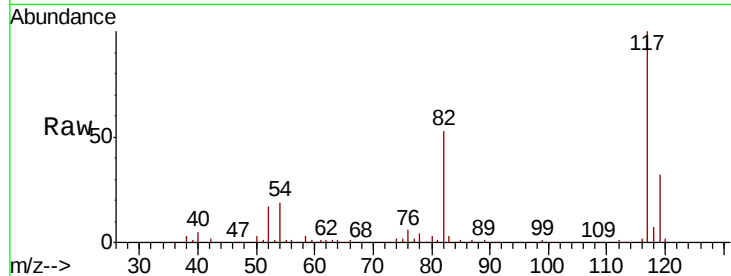
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	44.3	66.5
119	31.9	25.7	38.5

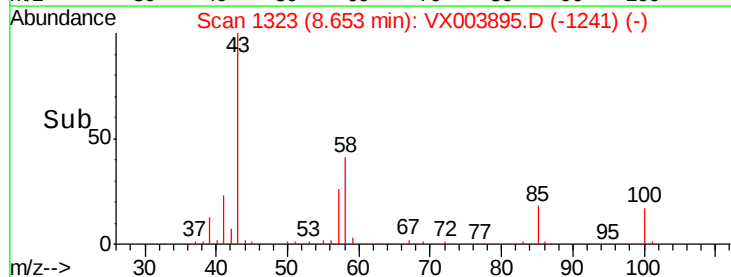
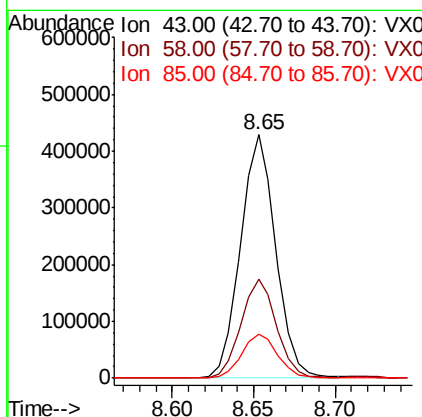
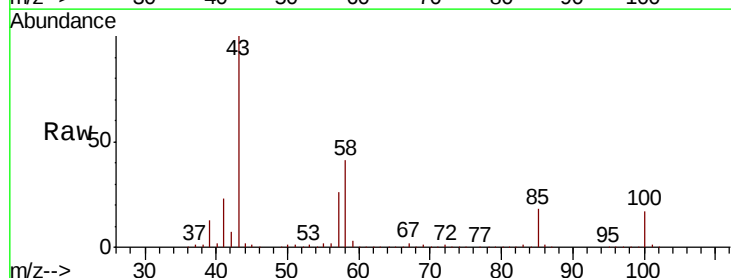
Manual Integrations
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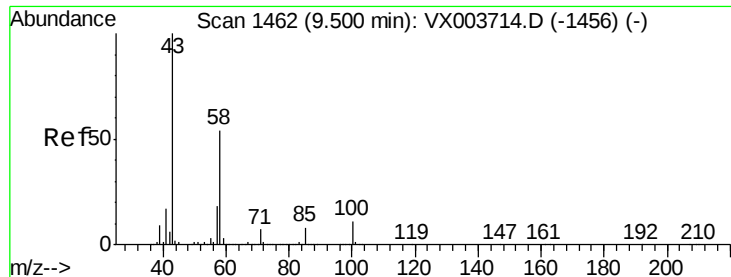
MMDadoda
8/8/2018 12:02:20 PM



#58
4-Methyl-2-Pentanone
Concen: 97.60 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.9	28.2	42.4
85	18.7	12.4	18.6





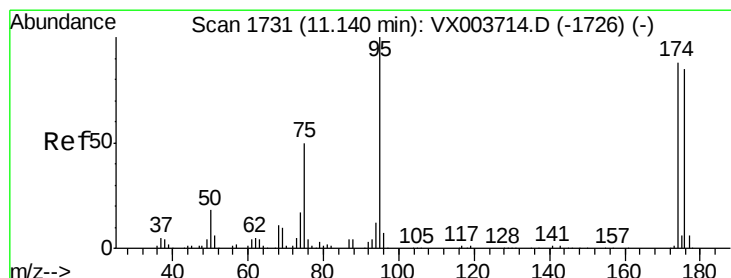
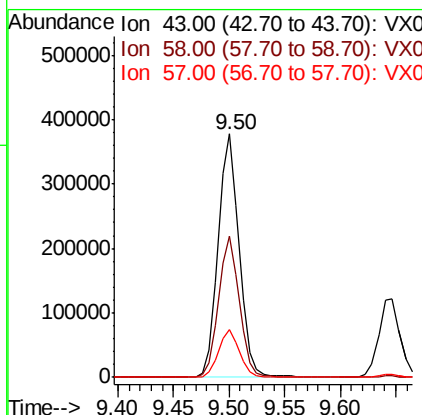
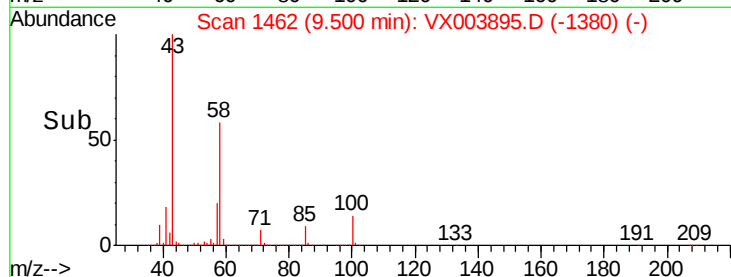
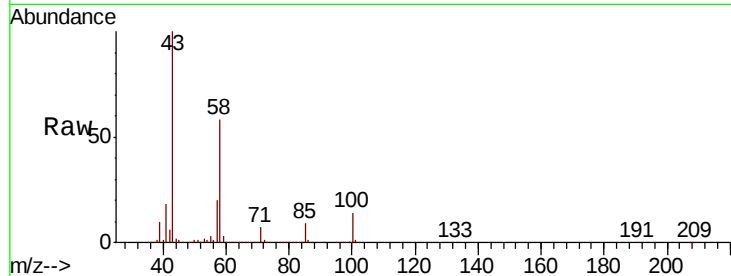
#59
2-Hexanone
Concen: 94.00 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
58	57.1	39.6	59.4	
57	19.6	14.1	21.1	

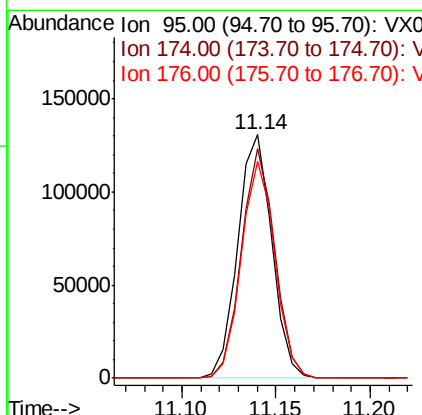
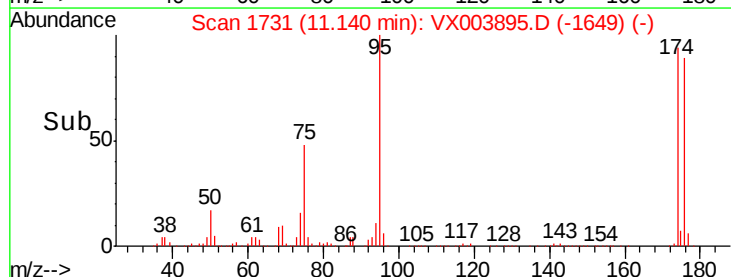
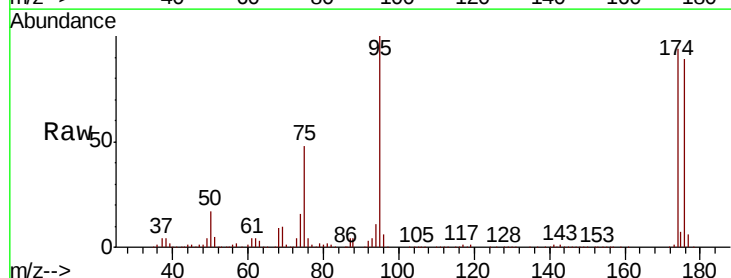
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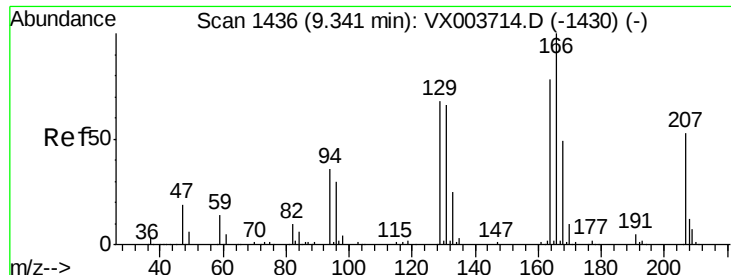
MMDadoda
8/8/2018 12:02:20 PM



#60
4-Bromofluorobenzene
Concen: 29.19 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
95	100			
174	92.0	71.8	107.6	
176	88.1	70.1	105.1	





#61

Tetrachloroethene

Concen: 21.58 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 87703

Ion Ratio Lower Upper

164 100

166 125.5 102.4 153.6

129 90.0 70.1 105.1

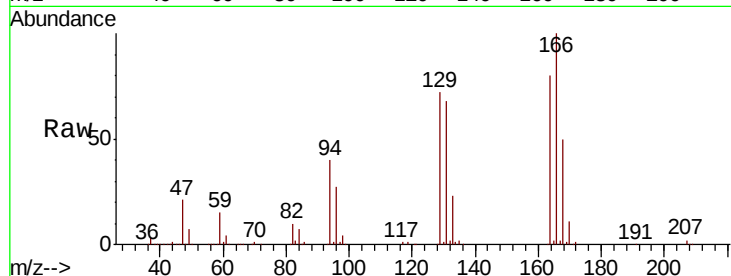
131 84.9 69.1 103.7

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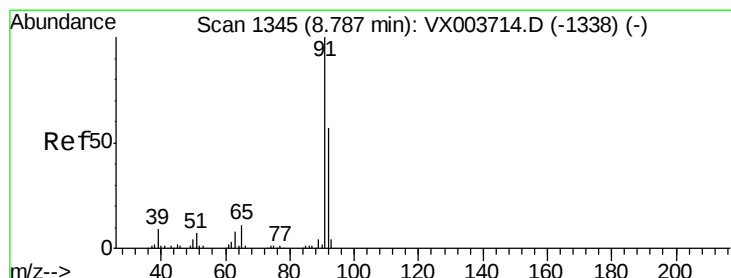
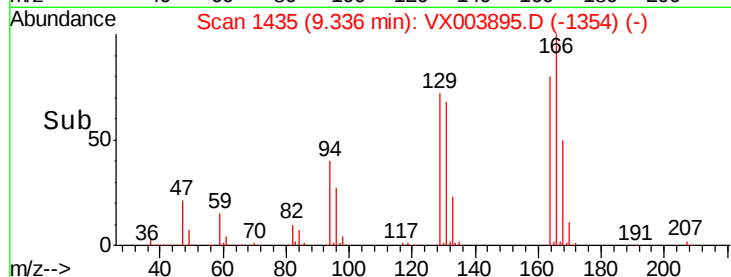
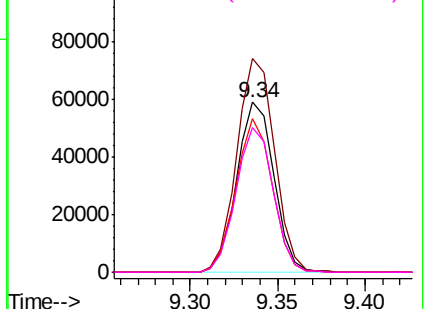


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.62 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003895.D

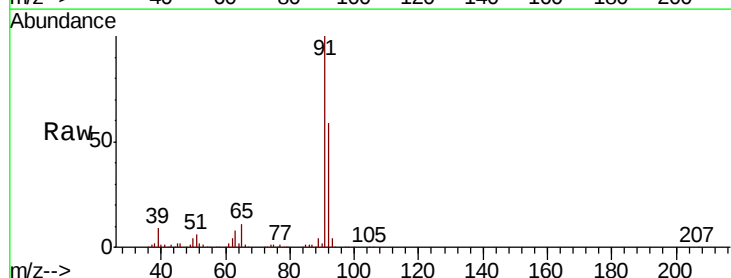
Acq: 07 Aug 2018 22:19

Tgt Ion: 91 Resp: 373865

Ion Ratio Lower Upper

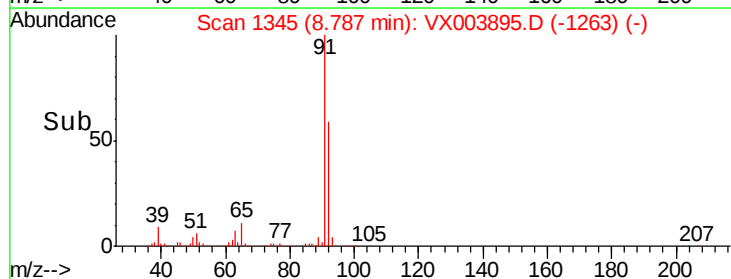
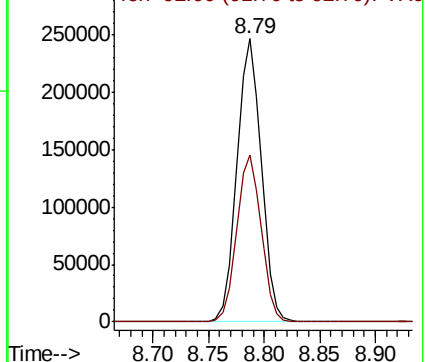
91 100

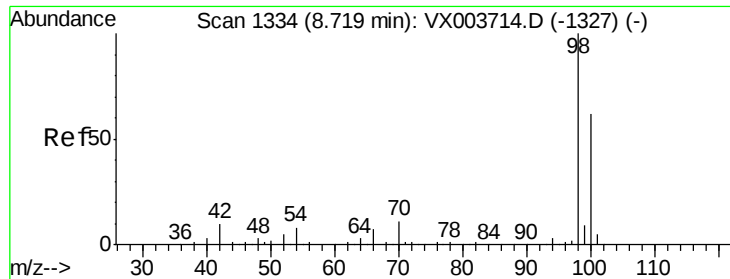
92 58.8 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





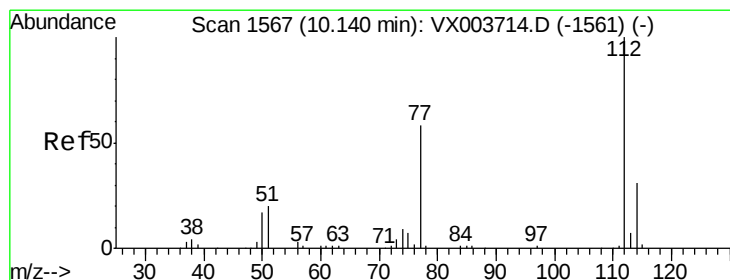
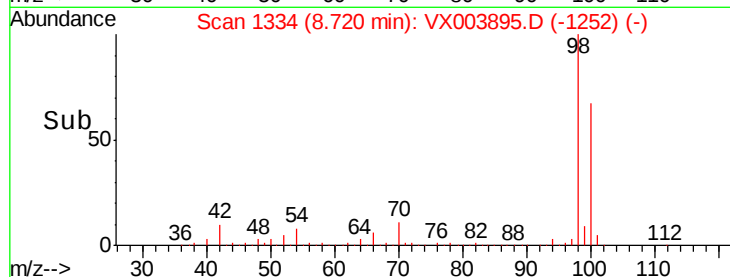
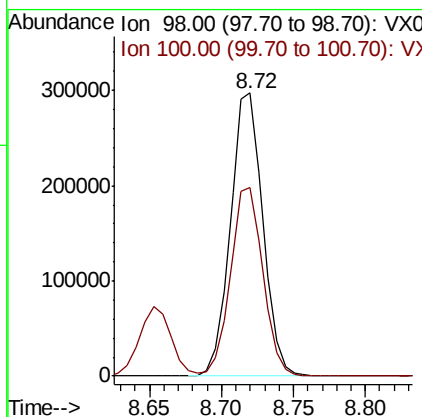
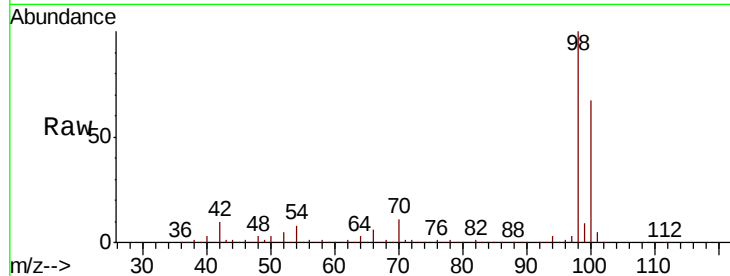
#63
Toluene-d8
Concen: 29.63 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 98 Resp: 466258
Ion Ratio Lower Upper
98 100
100 66.9 50.8 76.2

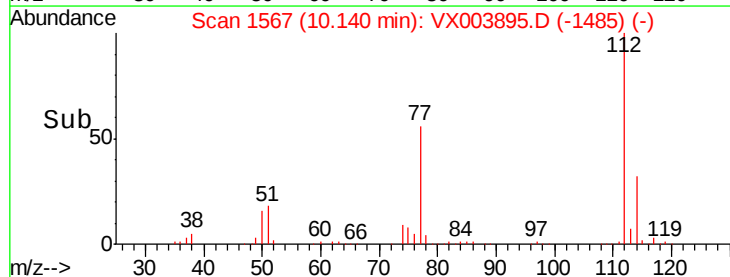
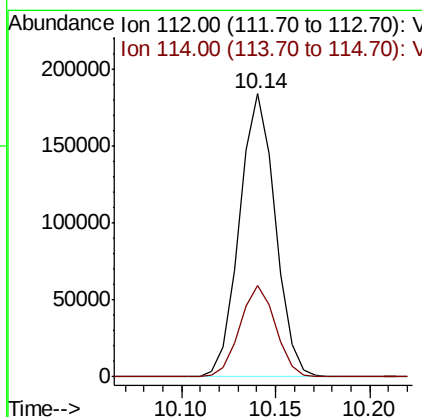
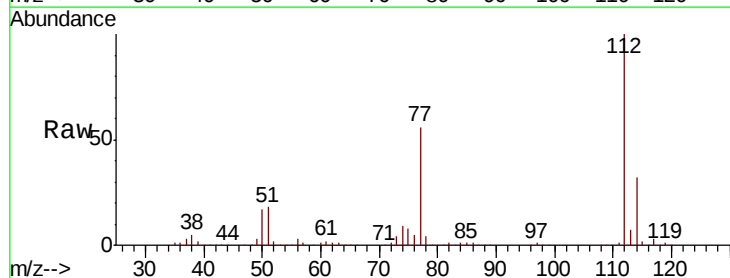
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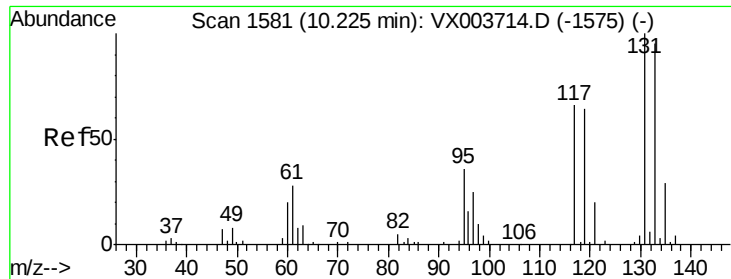
MMDadoda
8/8/2018 12:02:20 PM



#64
Chlorobenzene
Concen: 20.73 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Tgt Ion: 112 Resp: 242914
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 20.67 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:131 Resp: 85668

Ion Ratio Lower Upper

131 100

133 95.1 0.0 191.2

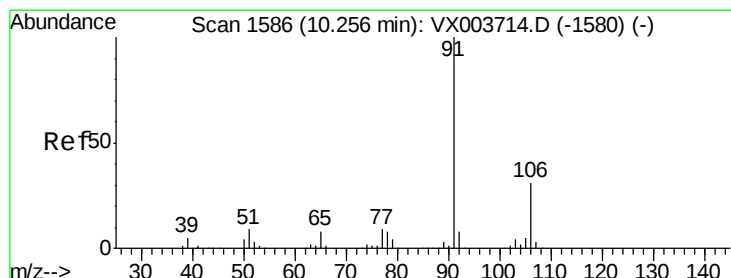
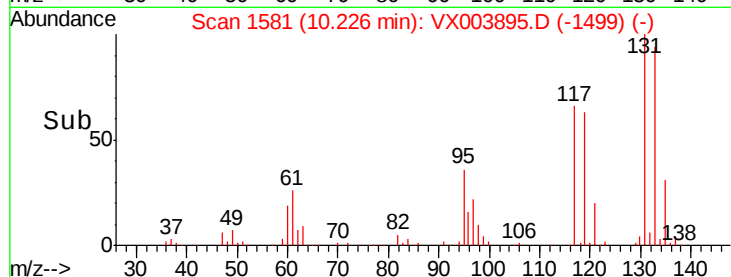
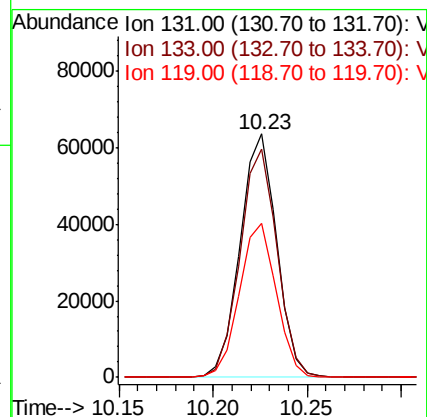
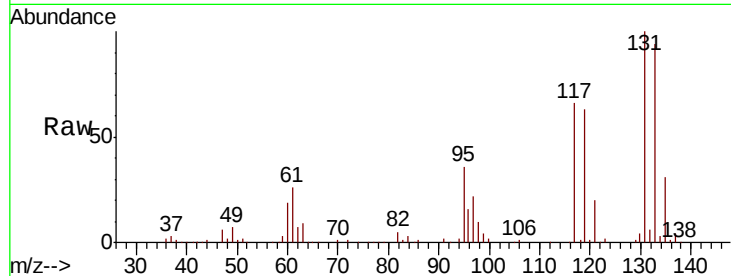
119 64.0 0.0 125.4

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#66

Ethyl Benzene

Concen: 20.00 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003895.D

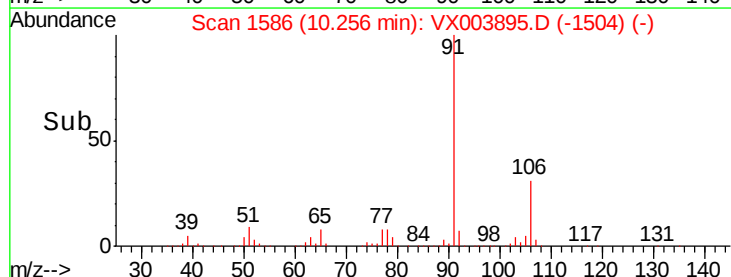
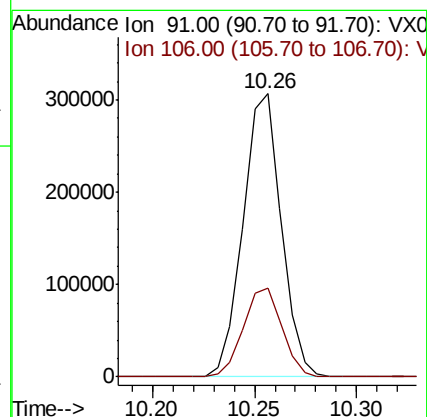
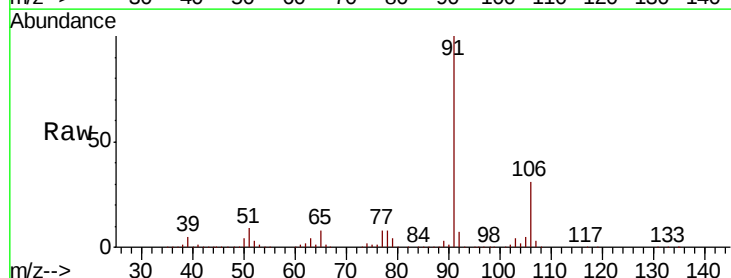
Acq: 07 Aug 2018 22:19

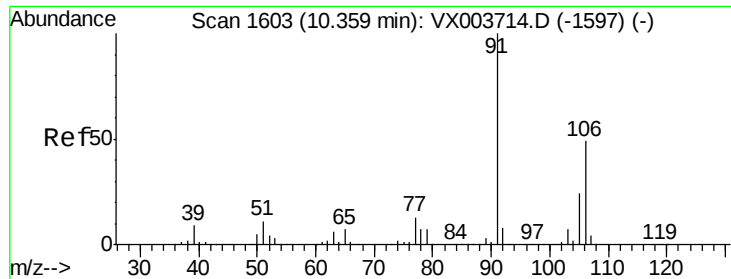
Tgt Ion: 91 Resp: 398935

Ion Ratio Lower Upper

91 100

106 31.3 25.2 37.8





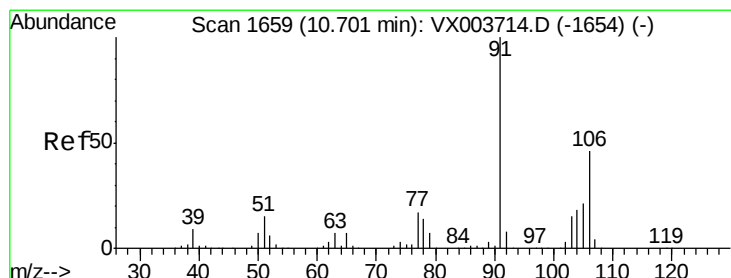
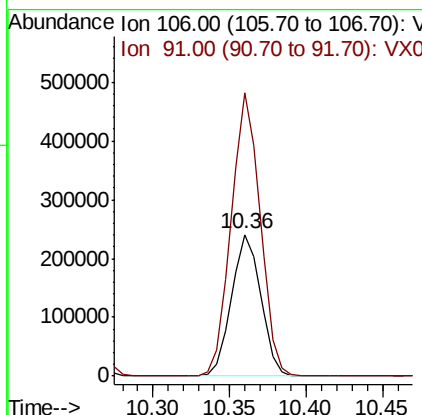
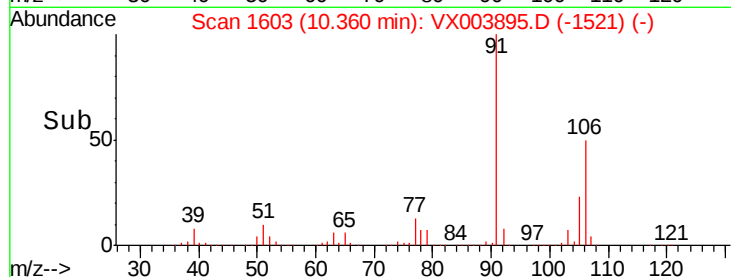
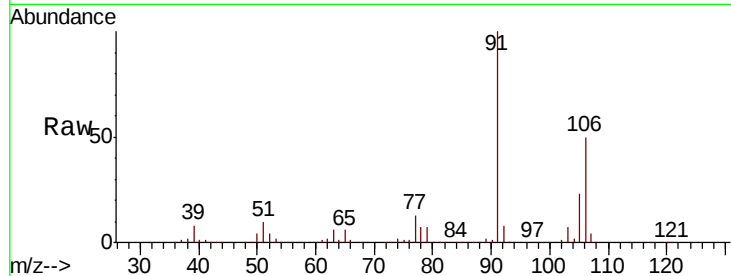
#67
m/p-Xvlenes
Concen: 41.68 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion:106 Resp: 320302
Ion Ratio Lower Upper
106 100
91 198.0 164.1 246.1

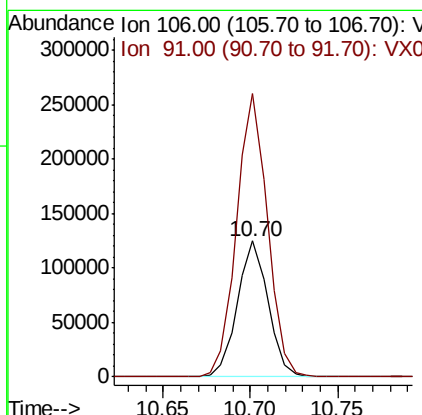
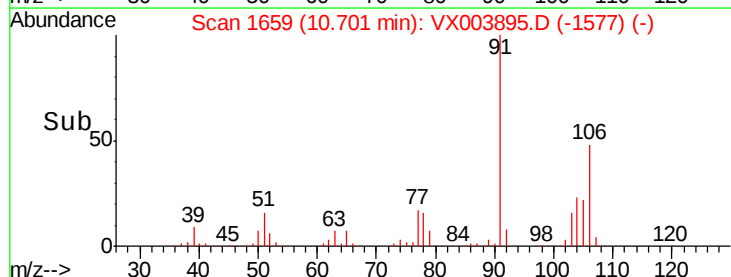
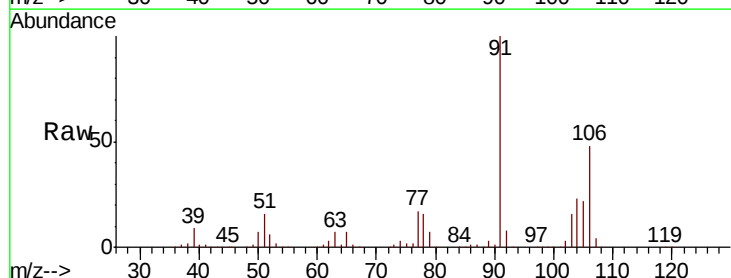
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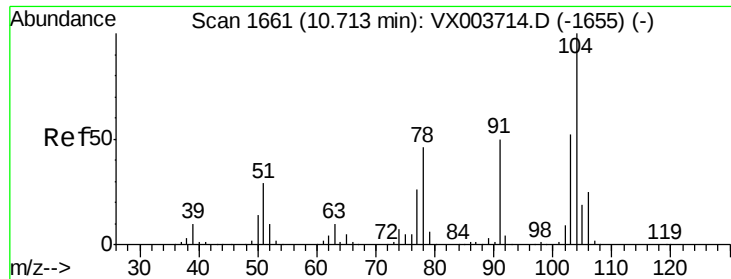
MMDadoda
8/8/2018 12:02:20 PM



#68
o-Xylene
Concen: 20.72 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Tgt Ion:106 Resp: 152301
Ion Ratio Lower Upper
106 100
91 209.3 109.1 327.3





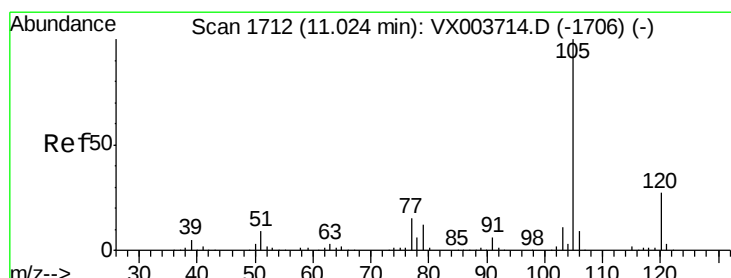
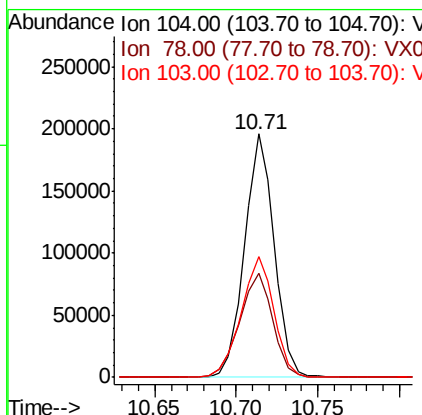
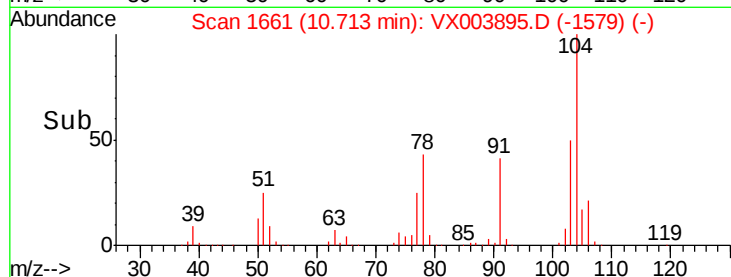
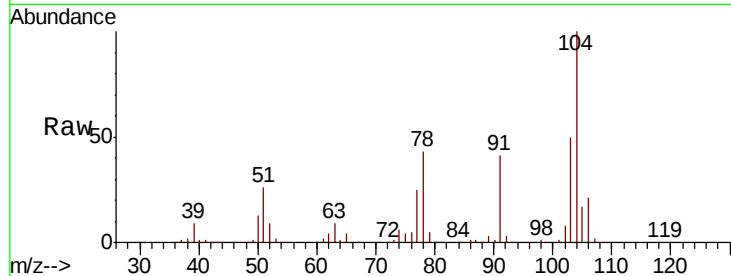
#69
Stvrene
Concen: 19.96 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.8	41.8	62.8
103	54.9	44.9	67.3

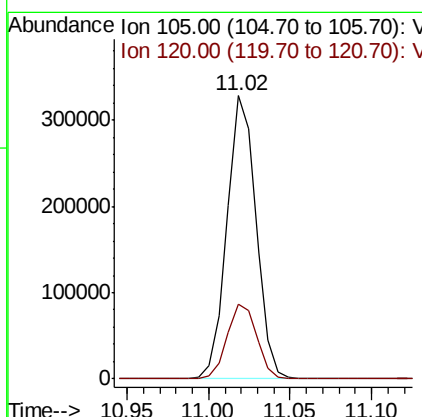
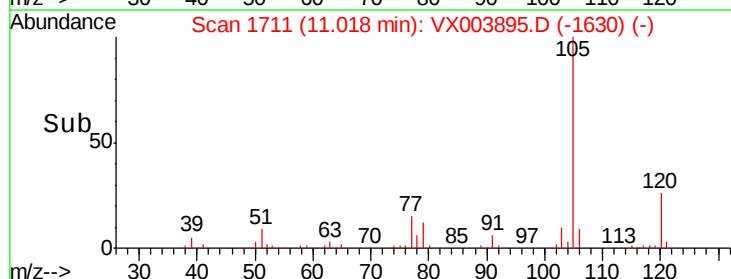
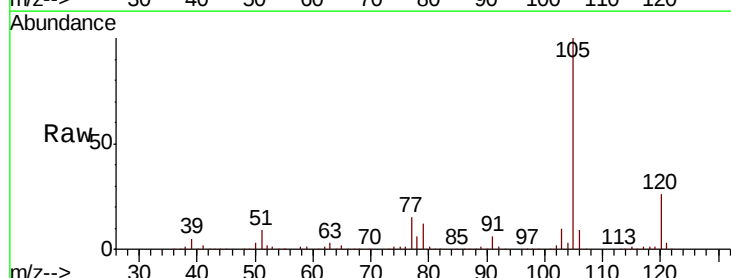
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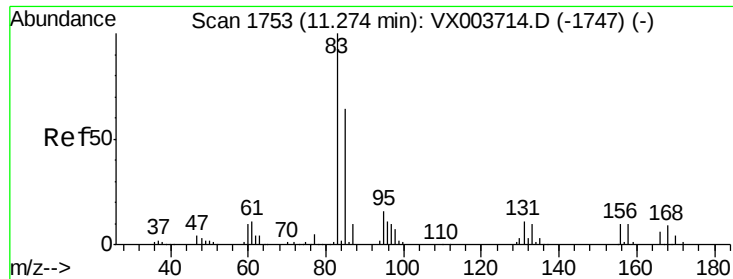
MMDadoda
8/8/2018 12:02:20 PM



#70
Isopropylbenzene
Concen: 20.06 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	19.0	35.2





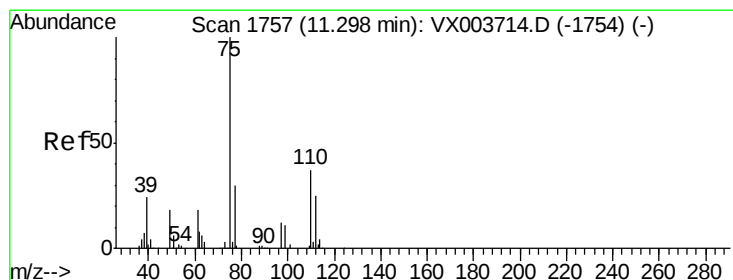
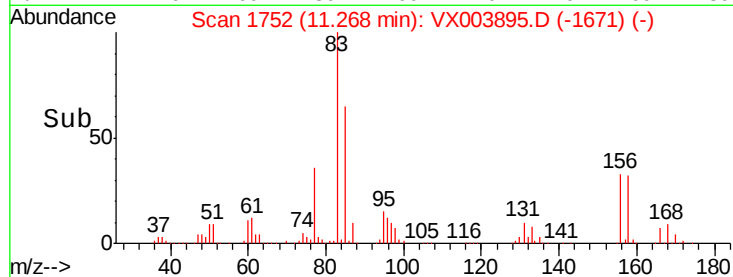
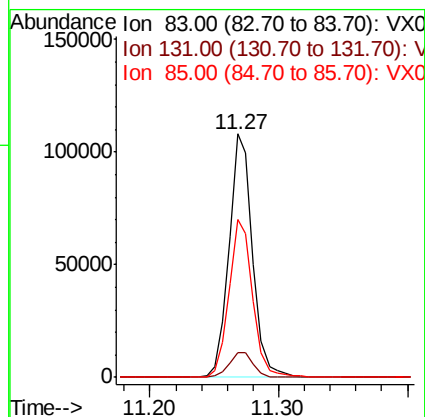
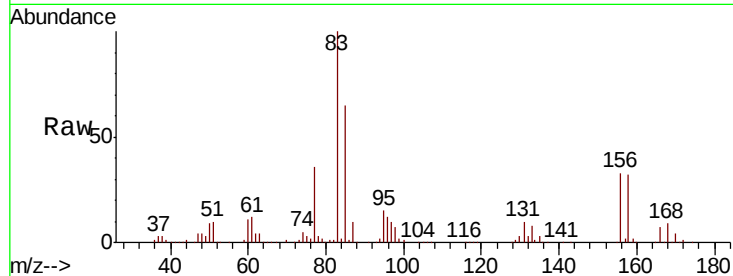
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.17 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.7	5.4	16.2	
85	65.0	32.4	97.2	

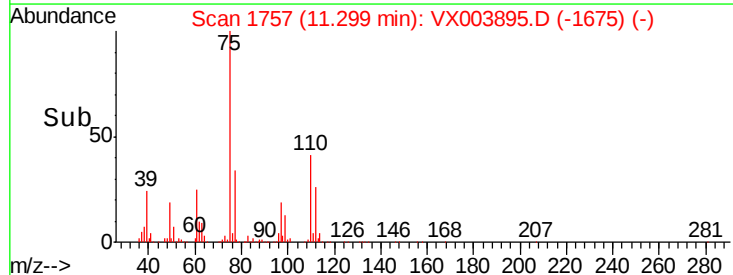
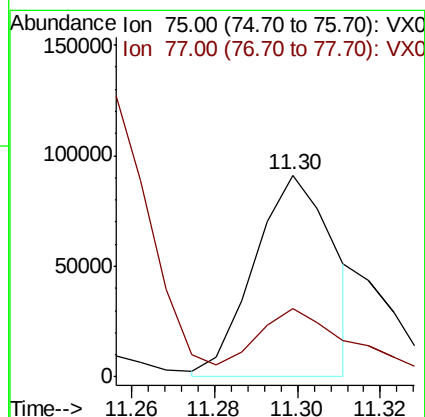
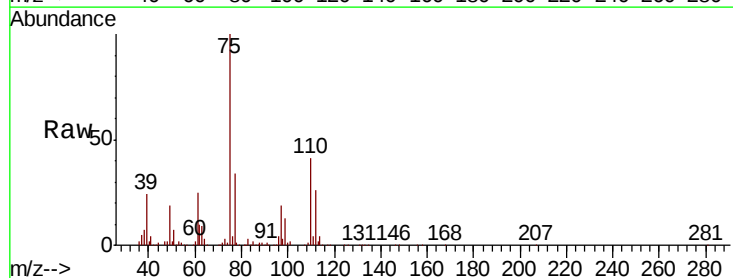
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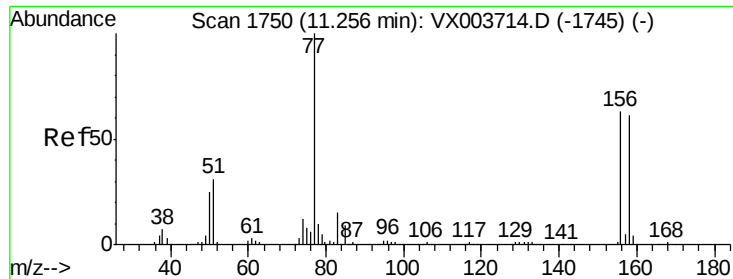
MMDadoda
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#72
 1,2,3-Trichloropropane
 Concen: 20.20 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	40.3	0.0	71.8	





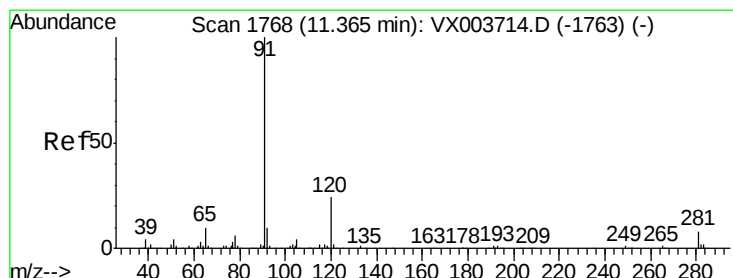
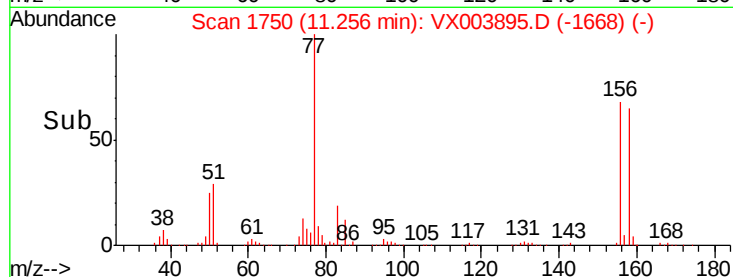
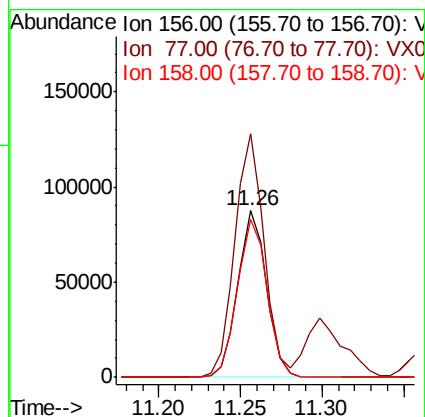
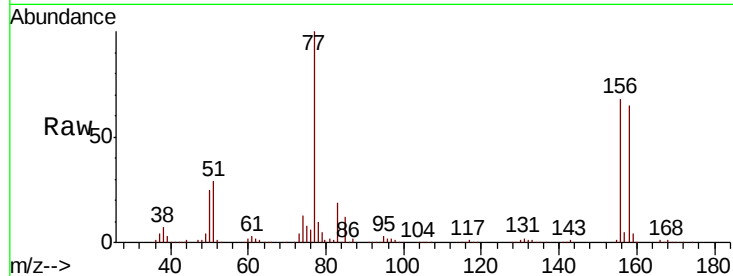
#73
Bromobenzene
Concen: 19.77 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	147.7	0.0	301.0		
158	97.7	0.0	196.2		

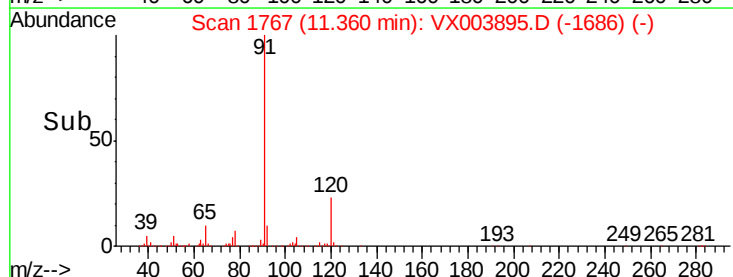
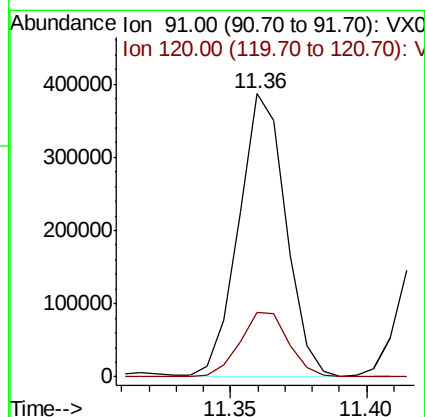
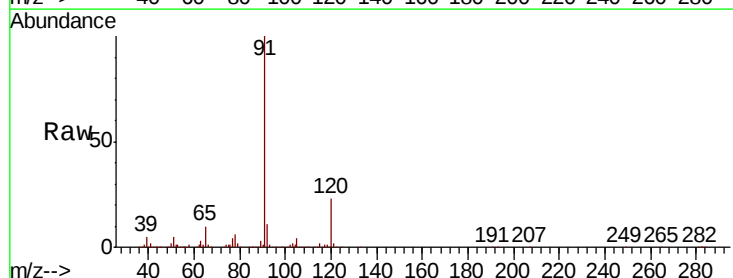
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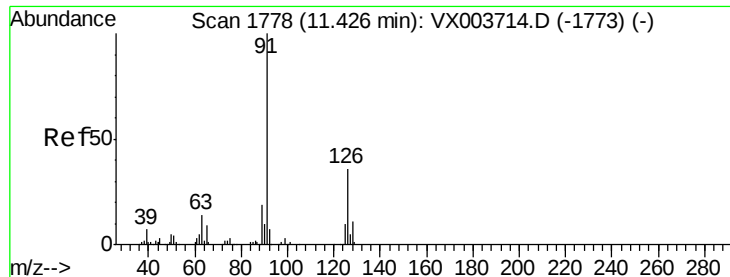
MMDadoda
8/8/2018 12:02:20 PM



#74
n-propylbenzene
Concen: 19.49 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.01 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	23.7	0.0	46.2		





#75

2-Chlorotoluene

Concen: 19.94 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 91 Resp: 280215

Ion Ratio Lower Upper

91 100

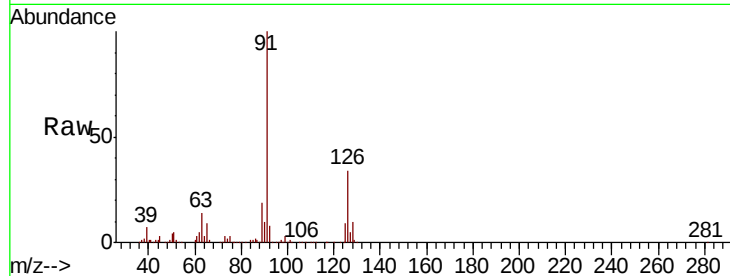
126 34.4 0.0 69.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX003714.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX003714.D (-1773) (-)

400000

300000

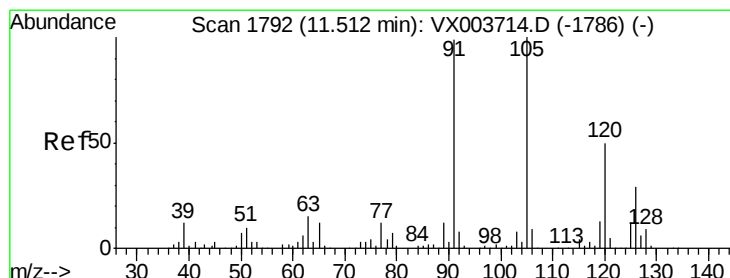
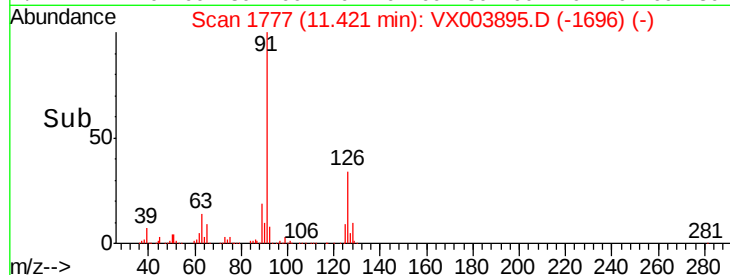
200000

100000

0

11.40 11.42 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 19.50 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003895.D

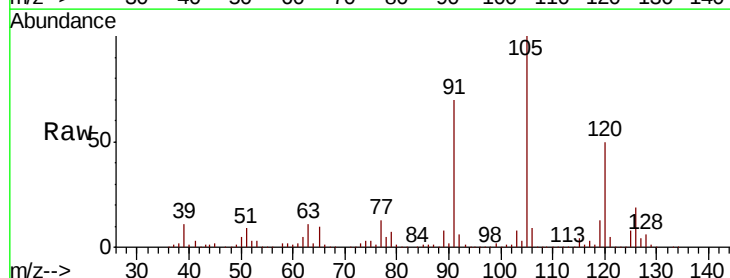
Acq: 07 Aug 2018 22:19

Tgt Ion: 105 Resp: 334919

Ion Ratio Lower Upper

105 100

120 51.0 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX003714.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003714.D (-1786) (-)

300000

250000

200000

150000

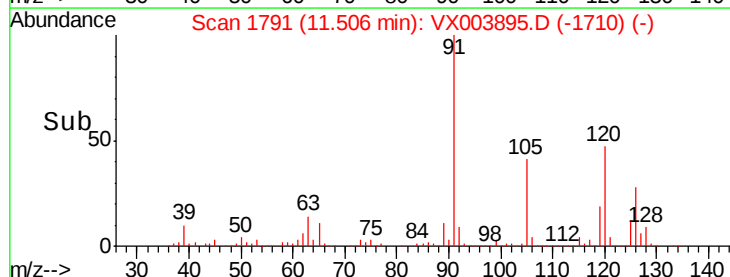
100000

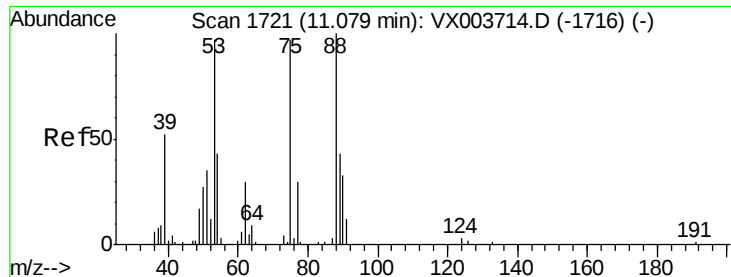
50000

0

11.45 11.50 11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 16.51 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 75 Resp: 33808

Ion Ratio Lower Upper

75 100

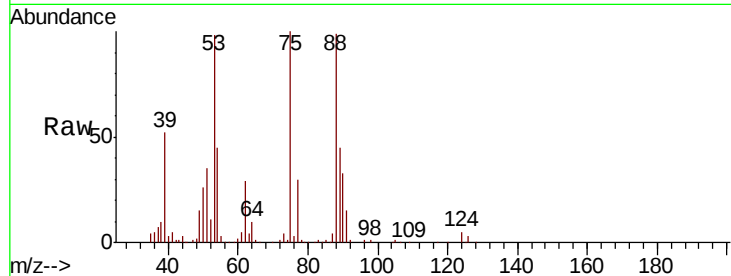
53 98.2 48.3 144.9

89 44.7 21.8 65.4

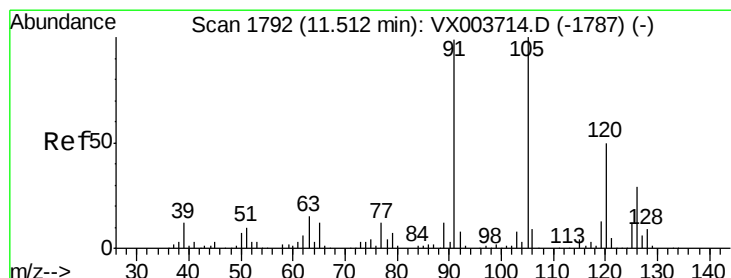
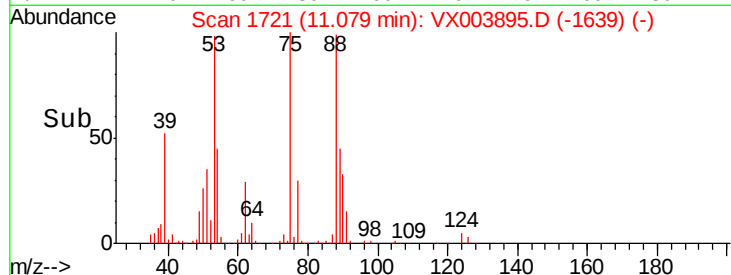
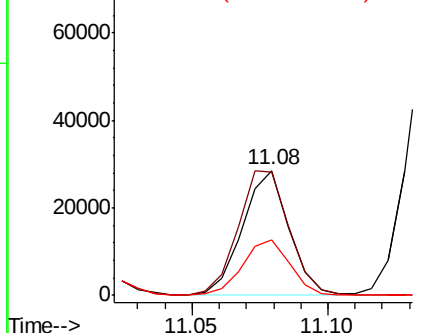
Manual Integrations
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Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.36 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003895.D

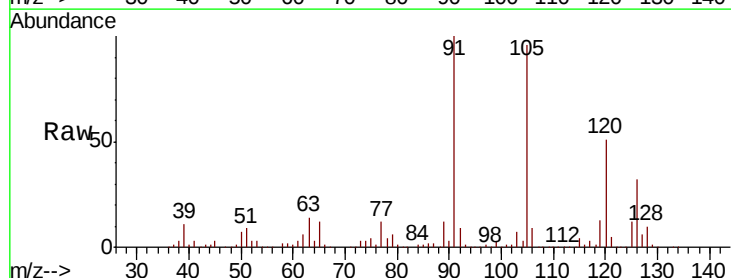
Acq: 07 Aug 2018 22:19

Tgt Ion: 91 Resp: 318300

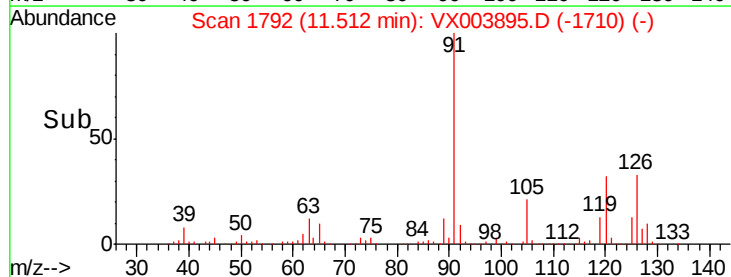
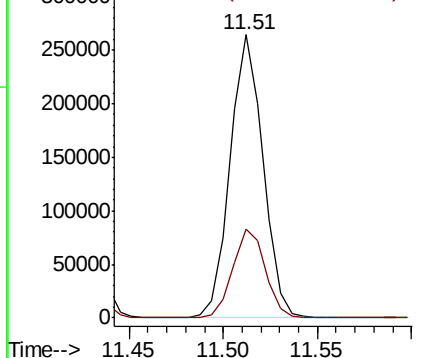
Ion Ratio Lower Upper

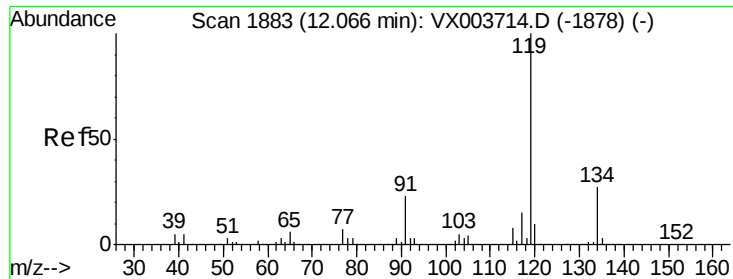
91 100

126 31.1 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V





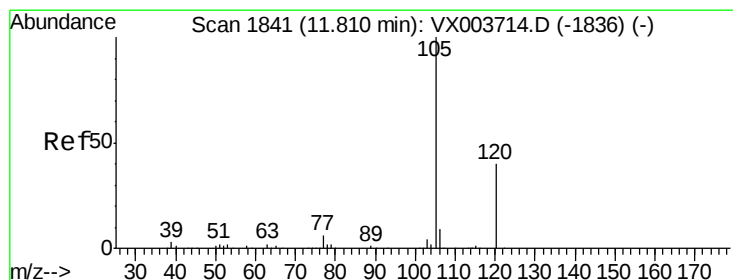
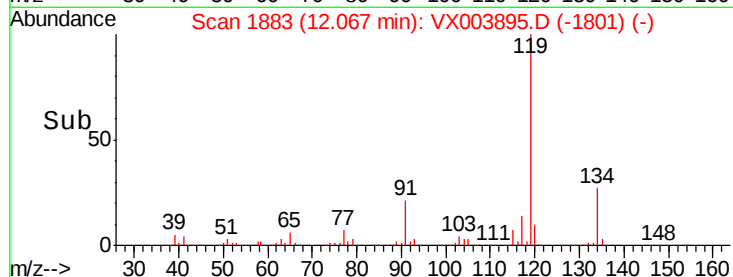
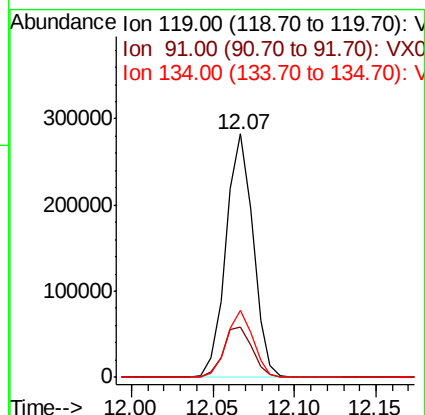
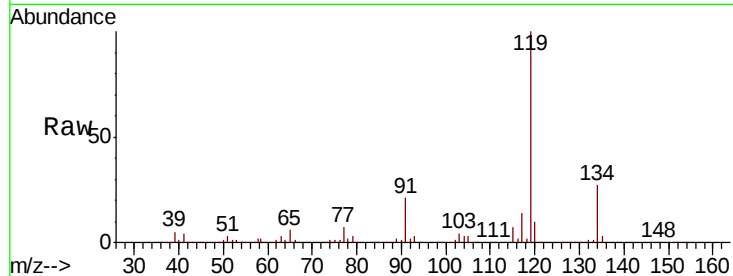
#79
tert-butylbenzene
Concen: 18.54 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	327654		
91	21.9	0.0	48.0	
134	26.6	0.0	52.6	

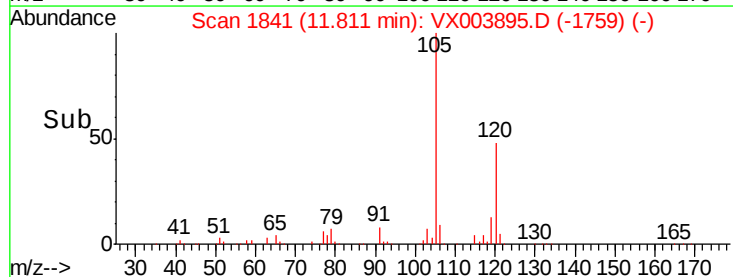
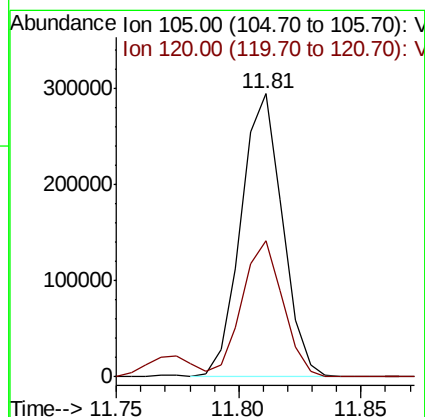
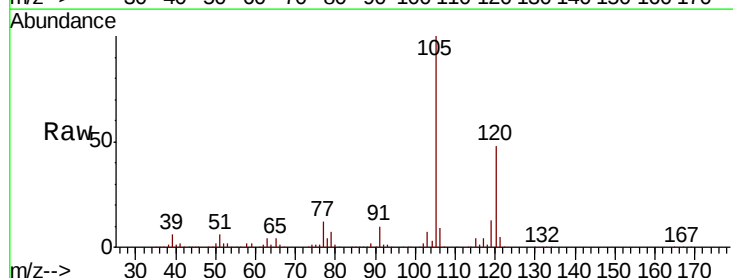
Manual Integrations
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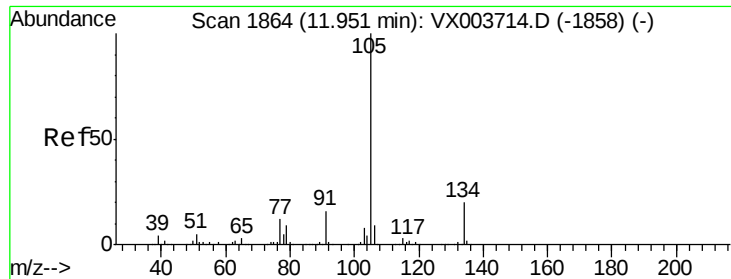
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 19.66 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	345475		
120	47.8	0.0	89.2	





#81

sec-Butylbenzene

Concen: 19.56 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:105 Resp: 391224

Ion Ratio Lower Upper

105 100

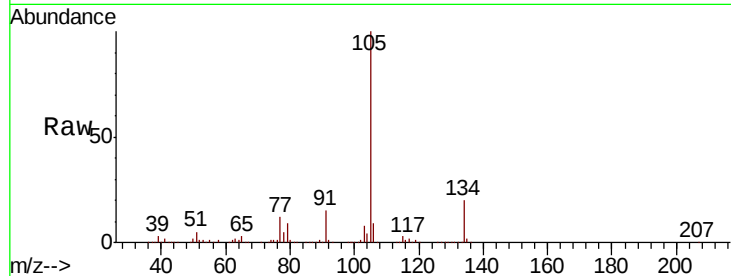
134 20.7 0.0 41.6

Manual Integrations

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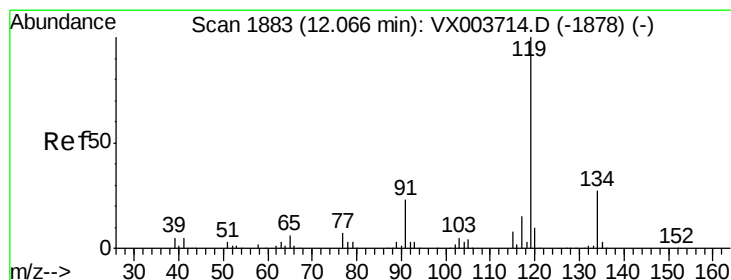
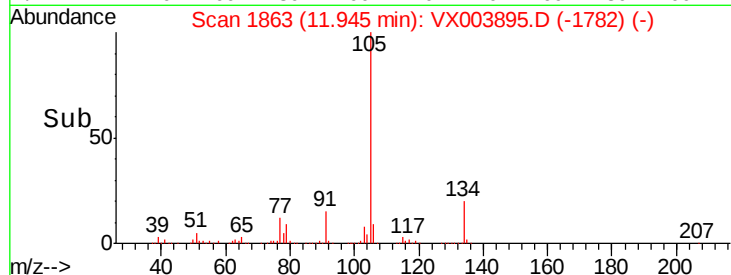
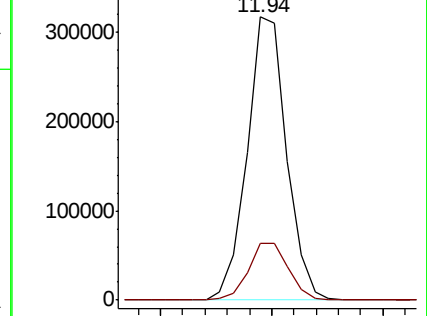
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.54 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003895.D

Acq: 07 Aug 2018 22:19

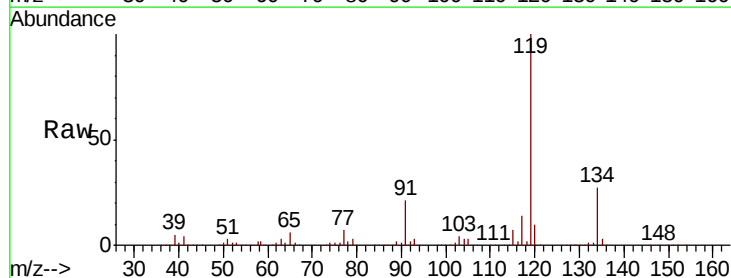
Tgt Ion:119 Resp: 327654

Ion Ratio Lower Upper

119 100

134 26.6 0.0 52.6

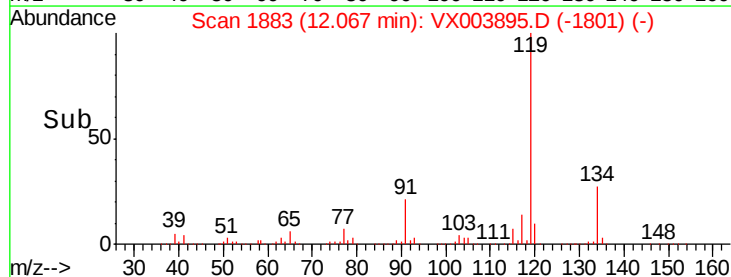
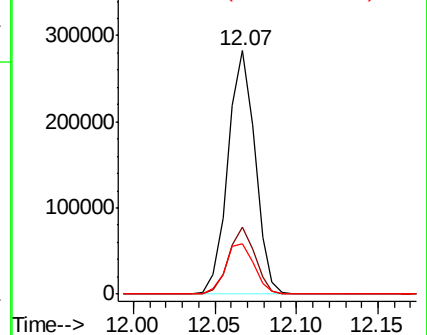
91 21.9 0.0 48.0

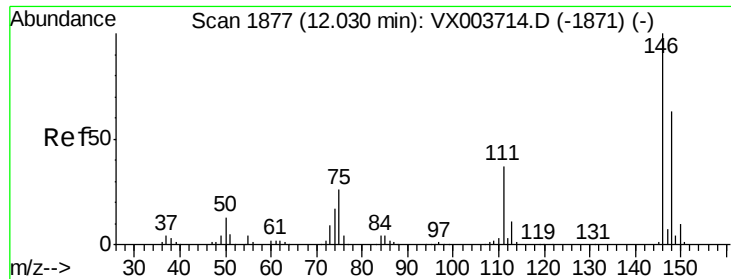


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





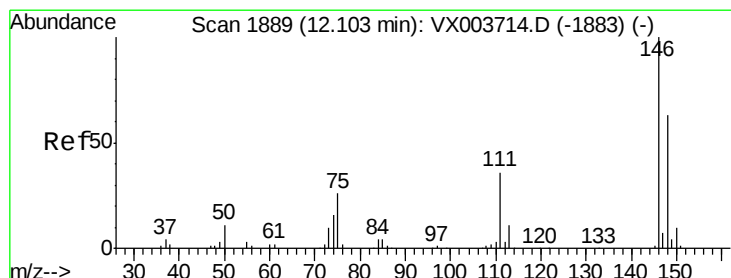
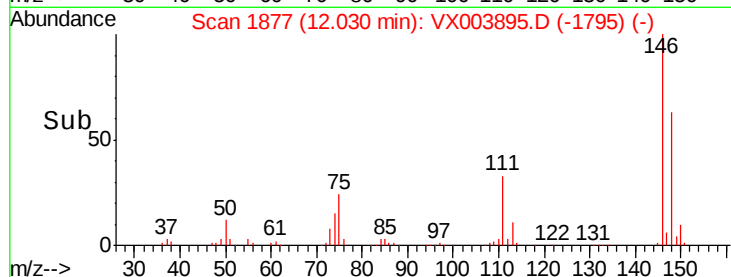
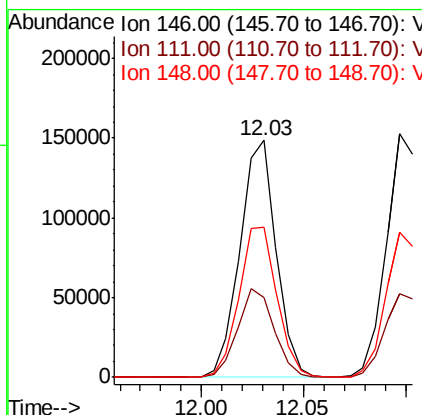
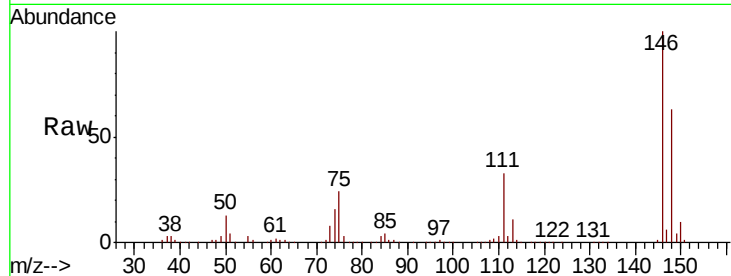
#83
 1,3-Dichlorobenzene
 Concen: 18.44 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.5
148	66.2	31.9	95.7

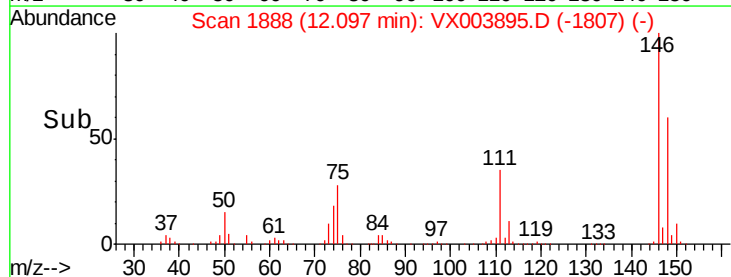
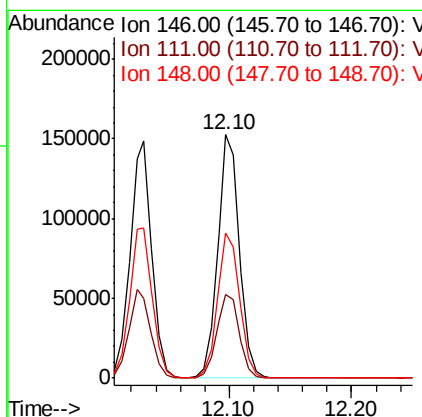
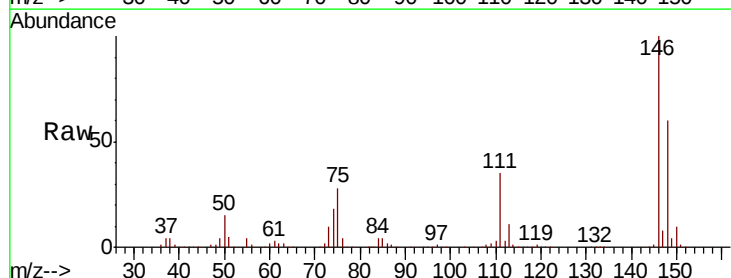
Manual Integrations
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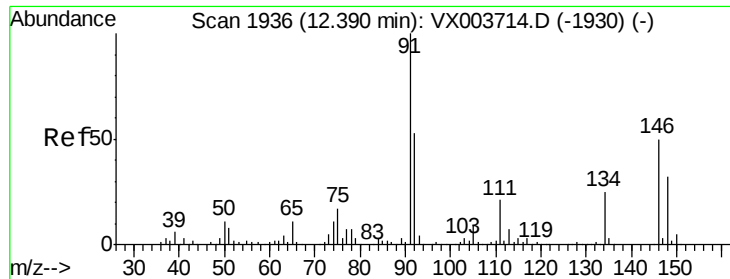
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#84
 1,4-Dichlorobenzene
 Concen: 18.72 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.5	55.5
148	61.4	32.0	96.0





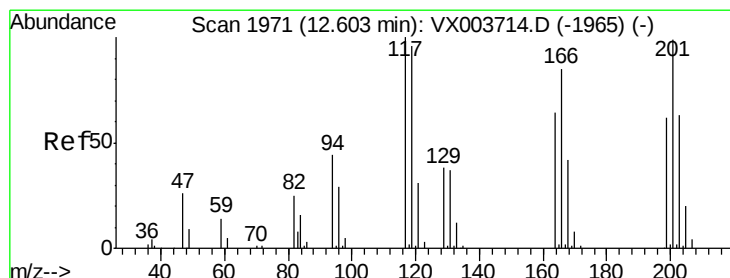
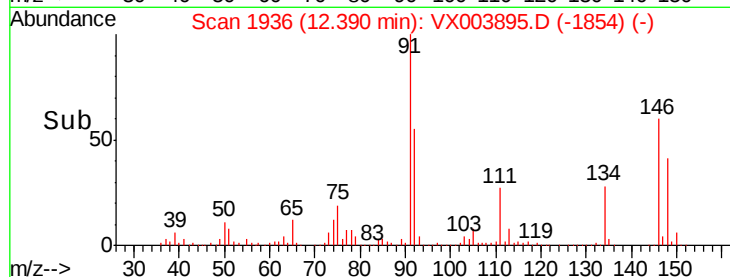
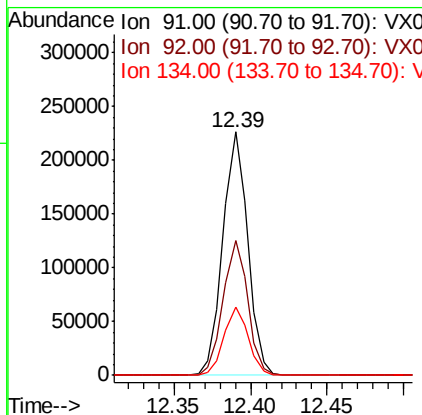
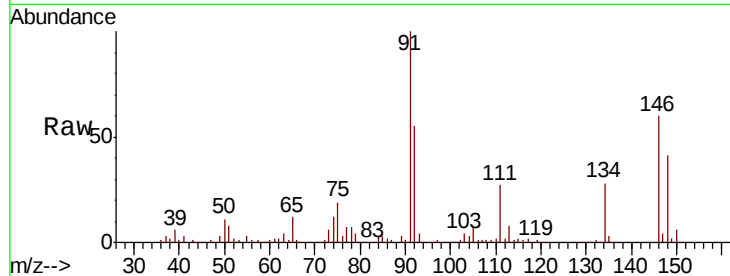
#85
n-Butylbenzene
Concen: 16.25 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	254824		
92	55.0		0.0	105.2
134	27.6		0.0	53.2

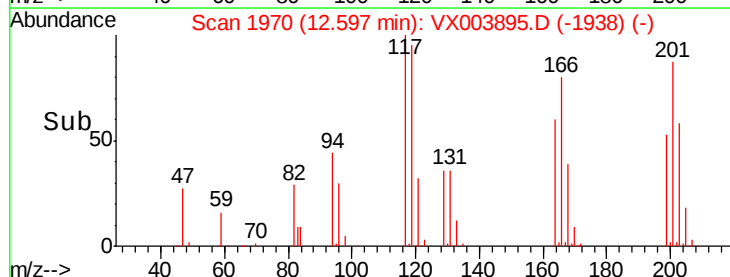
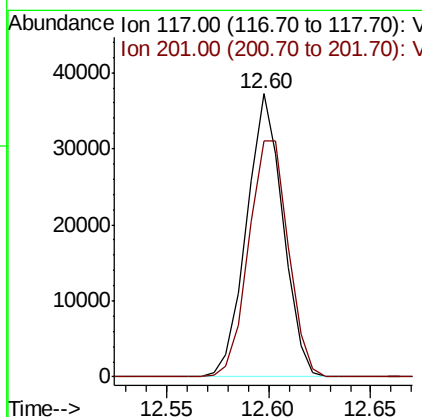
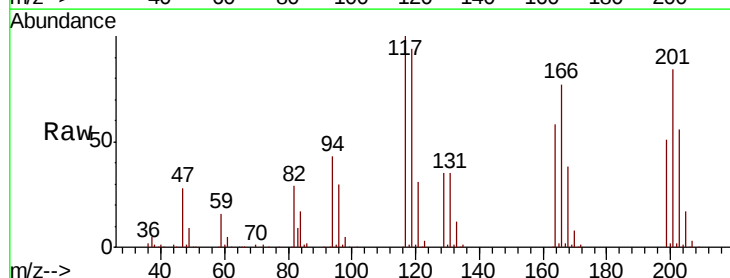
Manual Integrations
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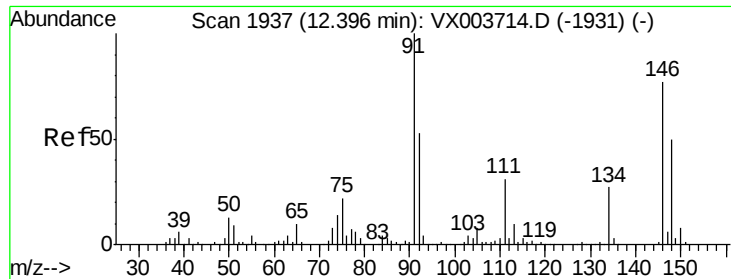
MMDadoda
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#86
Hexachloroethane
Concen: 16.22 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	46195		
201	90.9		47.6	142.8





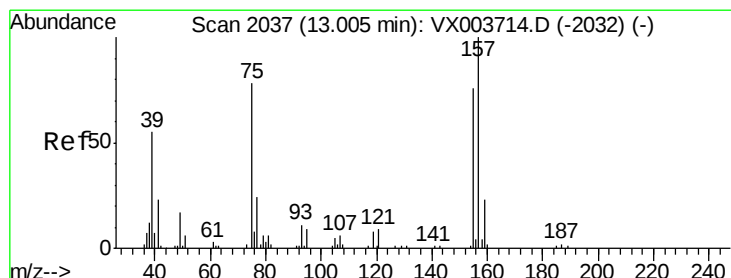
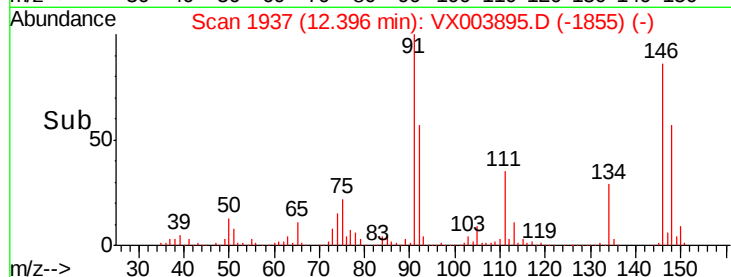
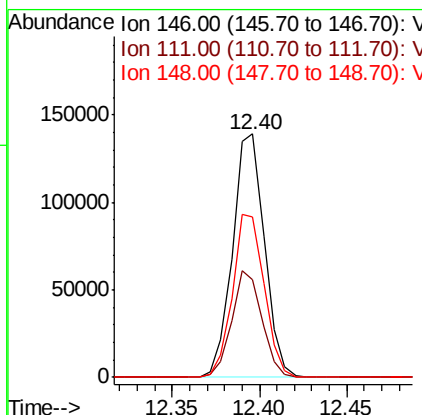
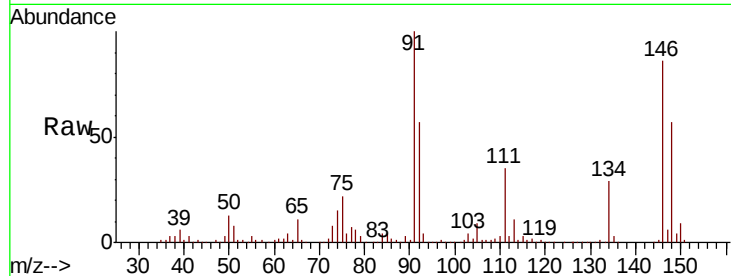
#87
 1,2-Dichlorobenzene
 Concen: 17.67 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.0	59.9
148	66.6	32.8	98.3

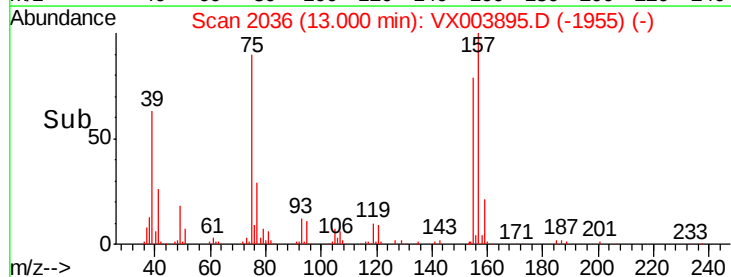
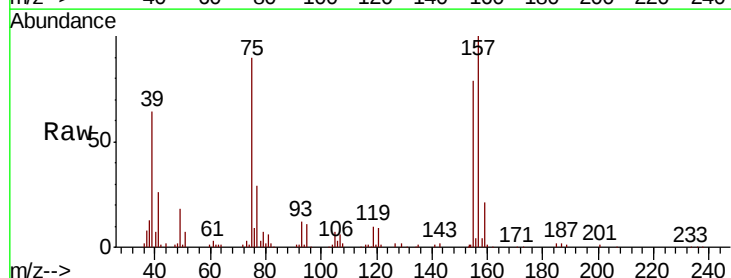
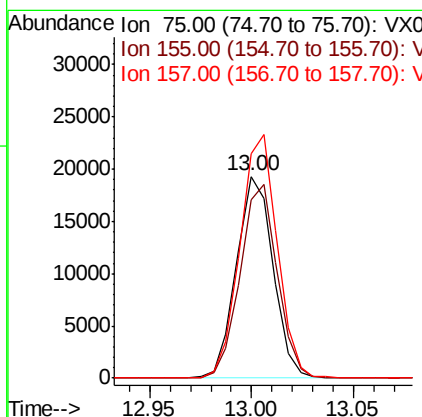
Manual Integrations
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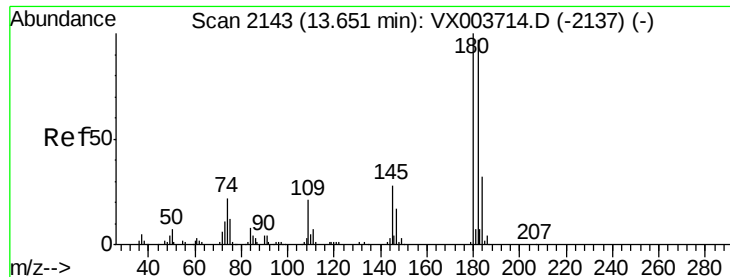
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.78 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.1	73.1	109.7
157	122.6	93.1	139.7





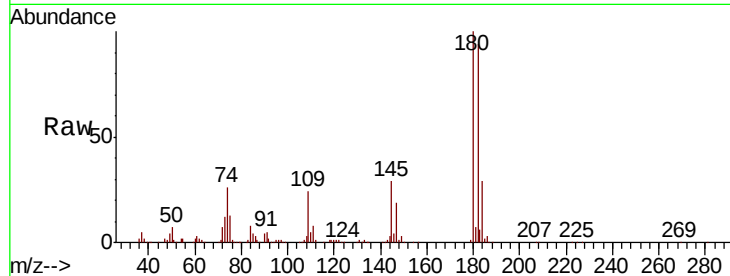
#89
 1,2,4-Trichlorobenzene
 Concen: 19.30 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

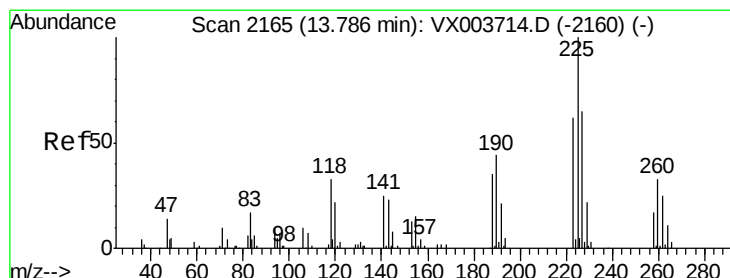
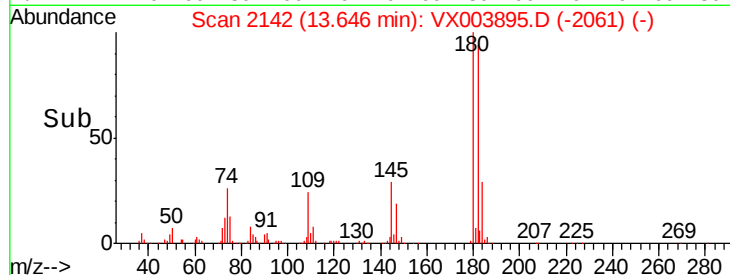
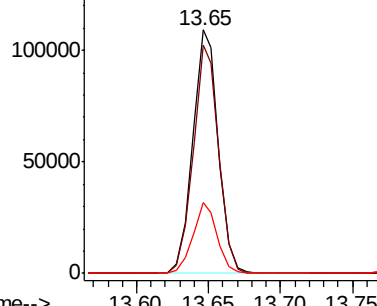
Tot Ion:	180	Resp:	135493
Ion Ratio	Lower	Upper	
180	100		
182	93.4	76.4	114.6
145	27.7	22.9	34.3

Manual Integrations
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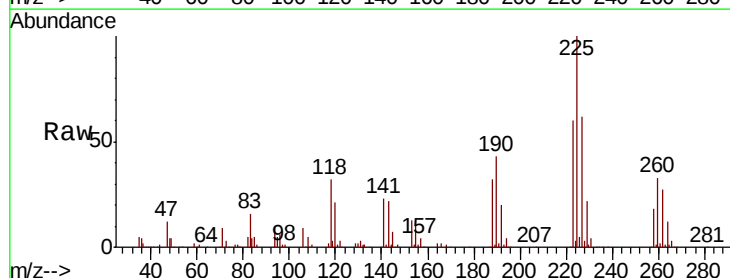


Abundance Ion 180.00 (179.70 to 180.70): V
 150000
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

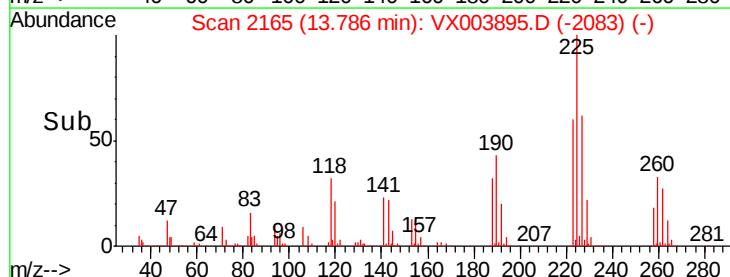
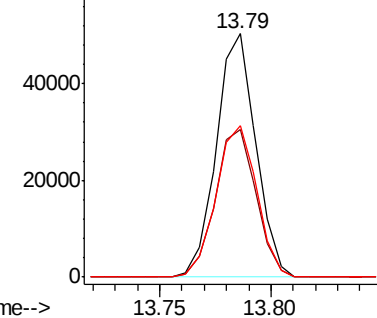


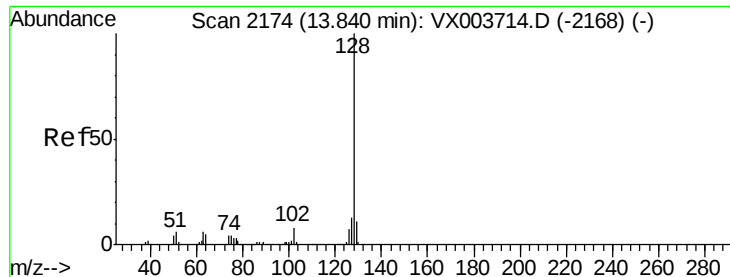
#90
 Hexachlorobutadiene
 Concen: 19.57 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003895.D
 Acq: 07 Aug 2018 22:19

Tgt Ion:	225	Resp:	62287
Ion Ratio	Lower	Upper	
225	100		
223	62.4	0.0	122.4
227	63.9	0.0	128.0



Abundance Ion 225.00 (224.70 to 225.70): V
 60000
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





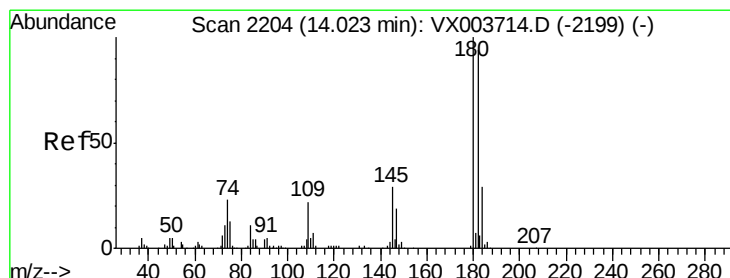
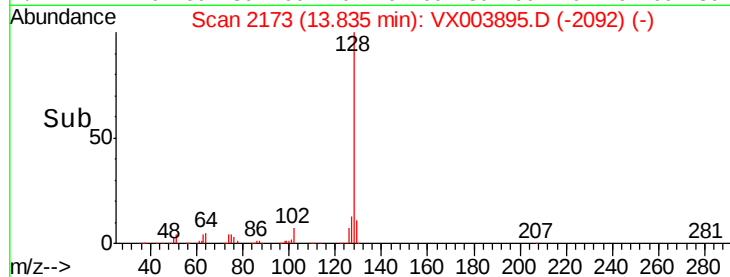
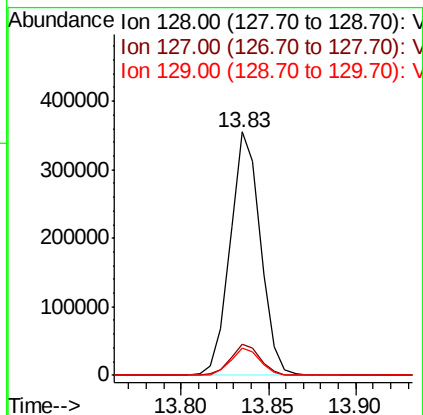
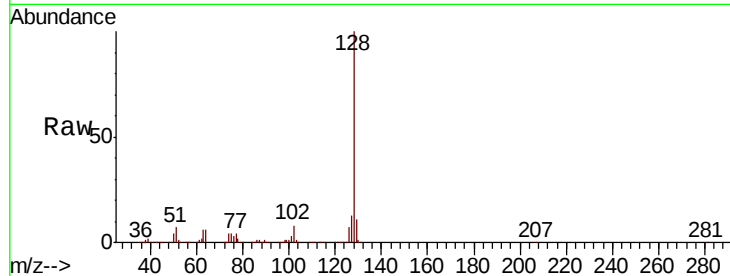
#91
Naphthalene
Concen: 19.85 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	128	Resp:	425958
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	10.9	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 20.24 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003895.D
Acq: 07 Aug 2018 22:19

Tgt Ion:	180	Resp:	144696
Ion Ratio	Lower	Upper	
180	100		
182	96.0	0.0	191.0
145	30.0	0.0	60.6

