

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
 Data File : VX003916.D
 Acq On : 08 Aug 2018 11:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/9/2018 10:39:27 AM

Quant Time: Aug 09 03:31:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	333495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	479130	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	448343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	262300	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	222727	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	5.50	113	182963	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	8.72	98	707867	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.14	95	252718	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	158255	46.83	ug/l	100
3) Chloromethane	1.32	50	193039	41.98	ug/l	99
4) Vinyl Chloride	1.40	62	200442	43.71	ug/l	99
5) Bromomethane	1.64	94	121411	50.68	ug/l	99
6) Chloroethane	1.72	64	137226	46.77	ug/l	98
7) Trichlorofluoromethane	1.93	101	278644	46.03	ug/l	99
8) Diethyl Ether	2.19	74	130100	47.81	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	177790	46.98	ug/l	100
10) Methyl Iodide	2.51	142	206312	43.82	ug/l	99
11) Tert butyl alcohol	3.07	59	247876	233.34	ug/l	100
12) 1,1-Dichloroethene	2.37	96	162818	45.49	ug/l	95
13) Acrolein	2.29	56	94886	171.65	ug/l	99
14) Allyl chloride	2.73	41	319616	46.32	ug/l	99
15) Acrylonitrile	3.15	53	585396	230.94	ug/l	99
16) Acetone	2.45	43	604981	230.03	ug/l	99
17) Carbon Disulfide	2.57	76	442216	43.65	ug/l	100
18) Methyl Acetate	2.78	43	269103	46.99	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	620511	48.92	ug/l	100
20) Methylene Chloride	2.85	84	199940	48.18	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	182984	45.03	ug/l	99
22) Diisopropyl ether	3.87	45	615572	48.53	ug/l	98
23) Vinyl Acetate	3.82	43	2683803	254.31	ug/l	99
24) 1,1-Dichloroethane	3.70	63	348378	46.24	ug/l	100
25) 2-Butanone	4.70	43	952642	240.92	ug/l	98
26) 2,2-Dichloropropane	4.58	77	264982	48.77	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	212067	48.09	ug/l	96
28) Bromochloromethane	5.02	49	160760	49.86	ug/l	99
29) Tetrahydrofuran	5.16	42	487506	239.87	ug/l	100
30) Chloroform	5.21	83	341139	48.10	ug/l	98
31) Cyclohexane	5.57	56	298329	46.82	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	285387	47.98	ug/l	100
36) 1,1-Dichloropropene	5.79	75	254916	47.50	ug/l	99
37) Ethyl Acetate	4.85	43	288170	48.82	ug/l	100
38) Carbon Tetrachloride	5.78	117	247146	48.39	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	312082	49.33	ug/l	100
40) Benzene	6.14	78	785430	48.74	ug/l	100
41) Methacrylonitrile	5.06	41	161872	49.79	ug/l	99
42) 1,2-Dichloroethane	6.20	62	275379	50.54	ug/l	100
43) Isopropyl Acetate	6.46	43	448873	50.53	ug/l	100
44) Trichloroethene	7.21	130	211515	48.00	ug/l	95
45) 1,2-Dichloropropane	7.52	63	204039	49.04	ug/l	100
46) Dibromomethane	7.67	93	133324	49.35	ug/l	100
47) Bromodichloromethane	7.90	83	258028	50.70	ug/l	100
48) Methyl methacrylate	7.77	41	233297	51.67	ug/l	98
49) 1,4-Dioxane	7.76	88	108250	1017.64	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1885355	256.05	ug/l	100
52) Toluene	8.79	92	503277	49.43	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	299773	52.11	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	323861	52.21	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	209114	50.26	ug/l	99
56) Ethyl methacrylate	9.18	69	321309	53.23	ug/l	100
57) 1,3-Dichloropropane	9.37	76	352496	50.62	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	765349	257.84	ug/l	100
59) 2-Hexanone	9.50	43	1436630	261.02	ug/l	99
60) Dibromochloromethane	9.59	129	212275	54.72	ug/l	99
61) 1,2-Dibromoethane	9.68	107	219616	52.72	ug/l	100
64) Tetrachloroethene	9.34	164	205623	46.62	ug/l	96
65) Chlorobenzene	10.14	112	565814	48.50	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	194274	48.44	ug/l	96
67) Ethyl Benzene	10.25	91	955673	50.04	ug/l	96
68) m/p-Xylenes	10.36	106	745774	99.94	ug/l	95
69) o-Xylene	10.70	106	368325	52.29	ug/l	99
70) Styrene	10.71	104	629713	54.60	ug/l	97
71) Bromoform	10.86	173	163840	48.29	ug/l	99
73) Isopropylbenzene	11.02	105	979123	50.46	ug/l	97
74) N-amyl acetate	6.46	43	448873	44.48	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	300764	45.22	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	307835m	53.13	ug/l	
77) Bromobenzene	11.26	156	250978	48.49	ug/l	93
78) n-propylbenzene	11.36	91	1041630	47.81	ug/l	100
79) 2-Chlorotoluene	11.42	91	630760	47.48	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	770889	48.72	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.08	75	96937	45.71	ug/l	98
82) 4-Chlorotoluene	11.51	91	731867	47.02	ug/l	99
83) tert-Butylbenzene	11.77	119	772081	49.60	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	799197	50.24	ug/l	98
85) sec-Butylbenzene	11.94	105	922775	50.23	ug/l	100
86) p-Isopropyltoluene	12.07	119	803391	48.74	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	451694	47.20	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	466122	50.81	ug/l	99
89) n-Butylbenzene	12.39	91	692418	48.21	ug/l	99
90) Hexachloroethane	12.60	117	122410	45.74	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	433698	45.73	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61928	45.46	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	346883	50.85	ug/l	97
94) Hexachlorobutadiene	13.79	225	158406	52.61	ug/l	99
95) Naphthalene	13.83	128	1073673	54.96	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	368329	54.11	ug/l	100

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

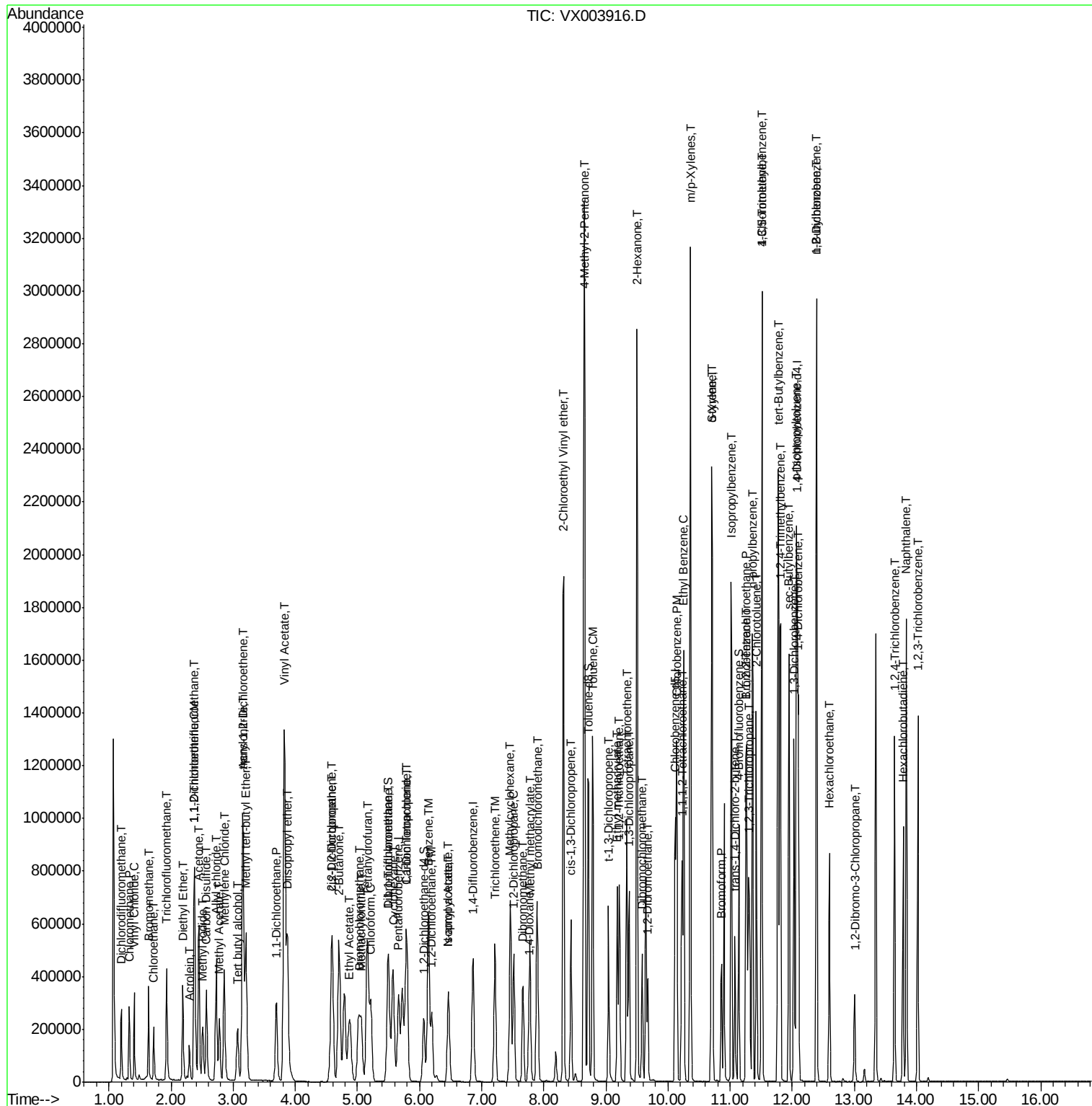
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
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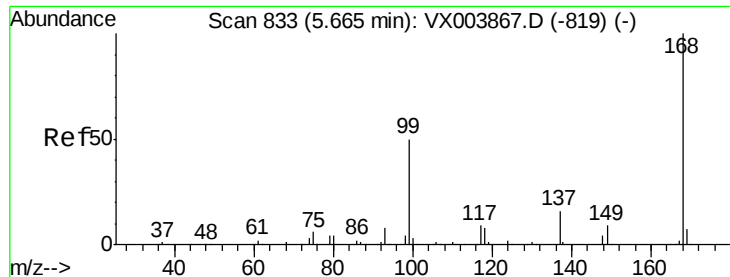
Instrument :
 MSVOA_X
 Client Sample ID :
 VSTDCCC050

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 333495

Ion Ratio Lower Upper

168 100

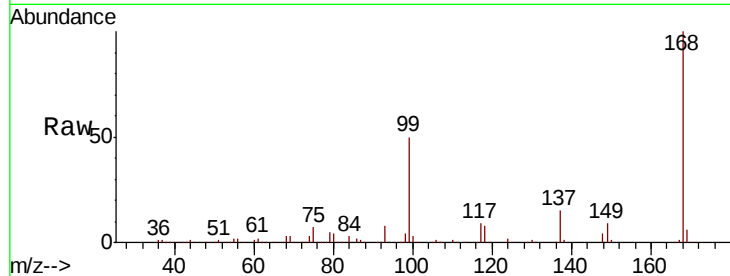
99 50.1 40.1 60.1

Manual Integrations

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8/9/2018 10:39:27 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

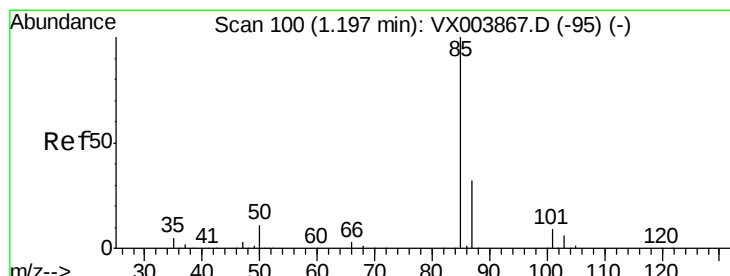
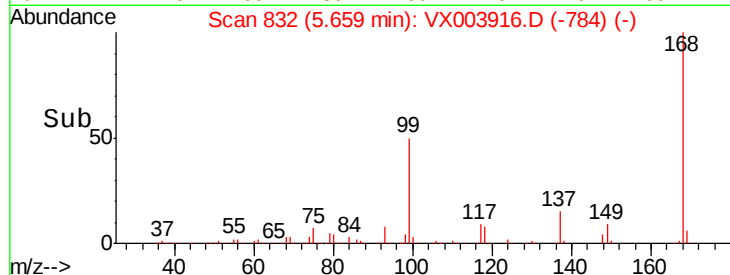
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.83 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003916.D

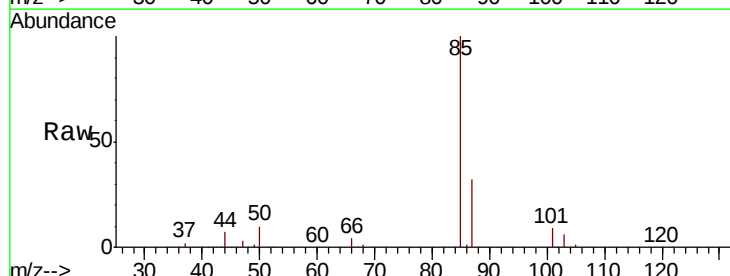
Acq: 08 Aug 2018 11:32

Tgt Ion: 85 Resp: 158255

Ion Ratio Lower Upper

85 100

87 32.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

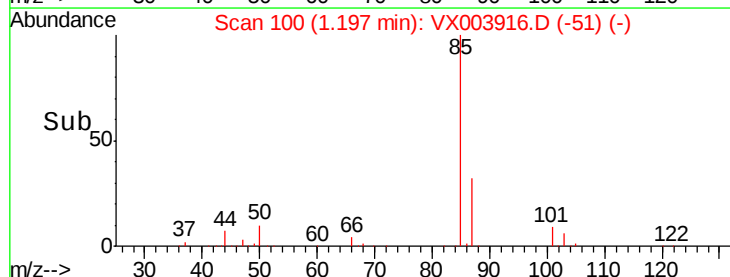
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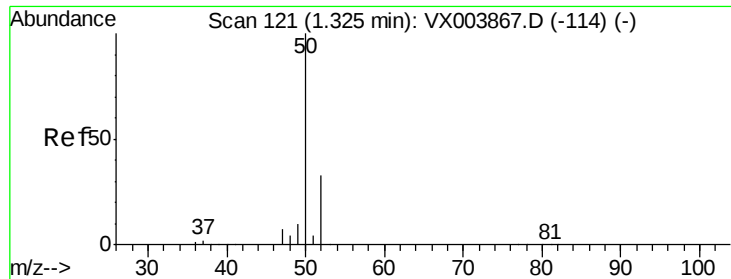
100000

50000

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Time-->





#3

Chloromethane

Concen: 41.98 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 193039

Ion Ratio Lower Upper

50 100

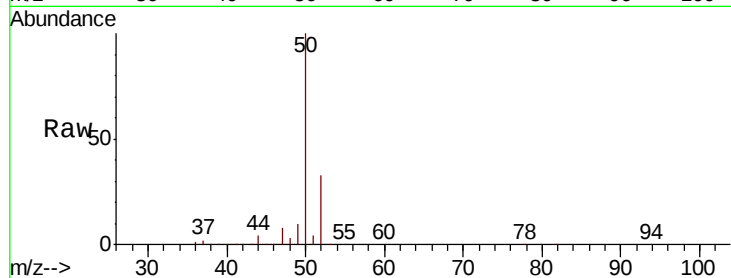
52 32.6 26.6 39.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

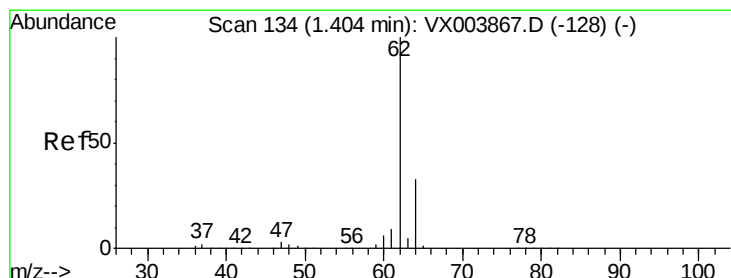
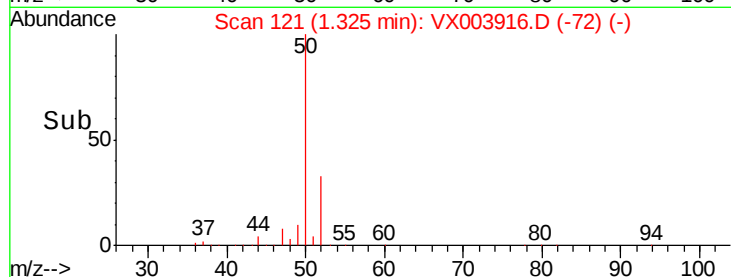
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 43.71 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003916.D

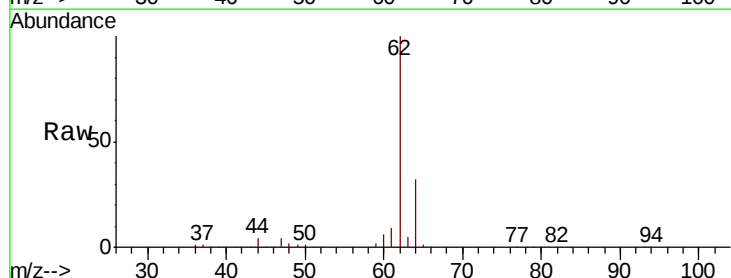
Acq: 08 Aug 2018 11:32

Tgt Ion: 62 Resp: 200442

Ion Ratio Lower Upper

62 100

64 31.8 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

200000

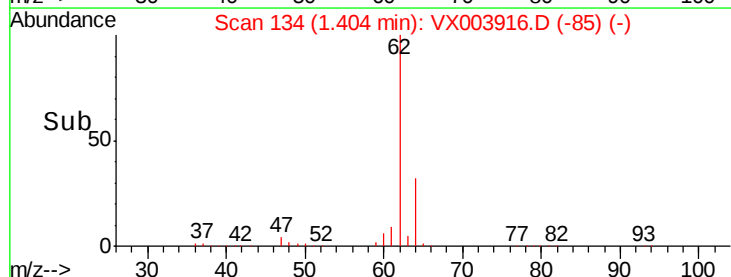
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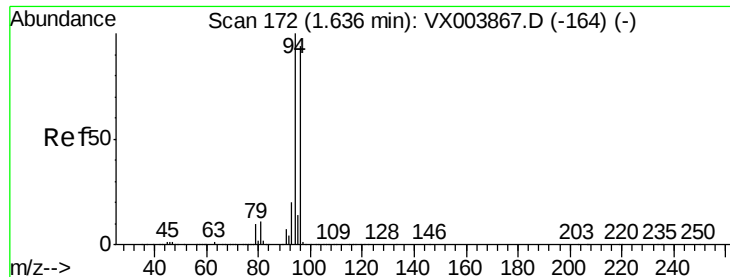
100000

50000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 50.68 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 121411

Ion Ratio Lower Upper

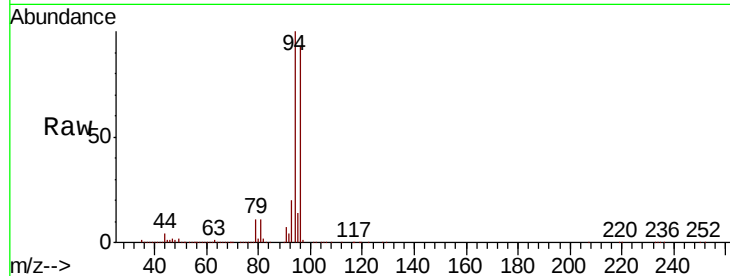
94 100

96 92.7 75.2 112.8

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

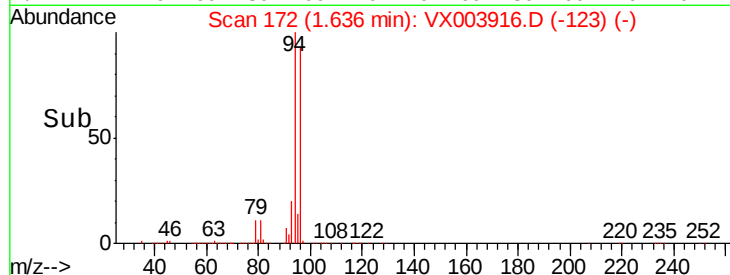
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100000

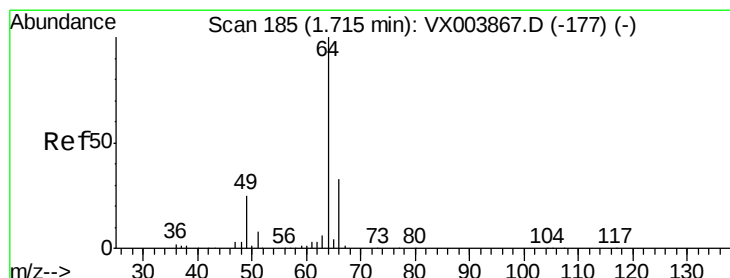
50000

0

Time-->



Time-->



#6

Chloroethane

Concen: 46.77 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003916.D

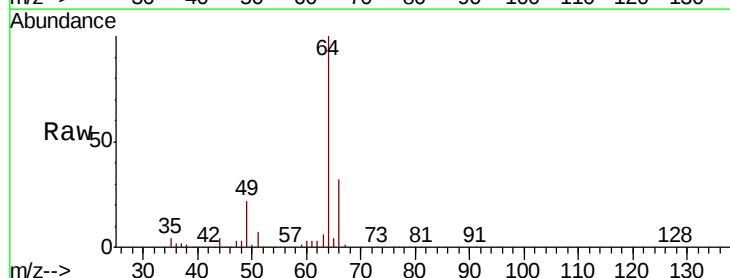
Acq: 08 Aug 2018 11:32

Tgt Ion: 64 Resp: 137226

Ion Ratio Lower Upper

64 100

66 31.8 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

120000

100000

80000

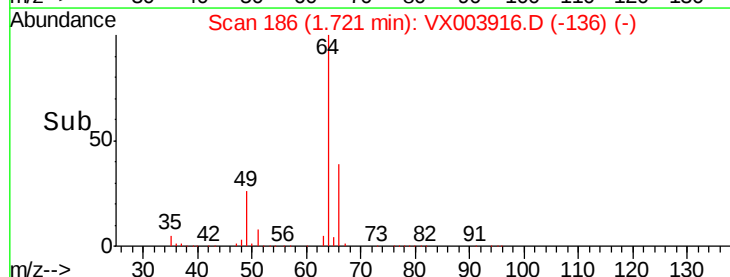
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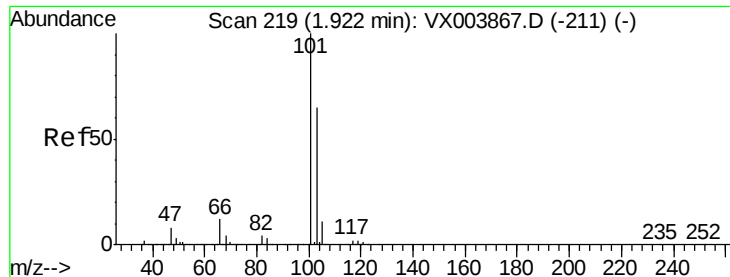
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Time-->



Time-->



#7

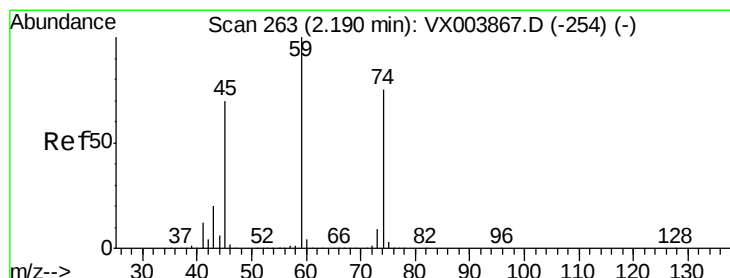
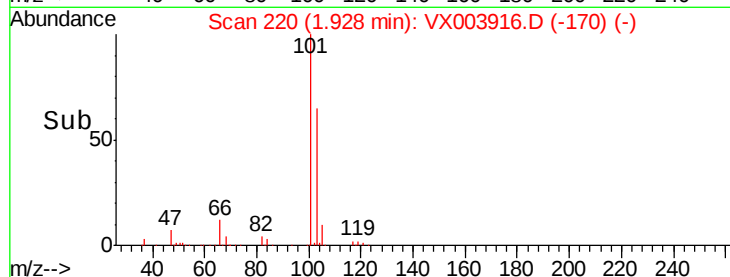
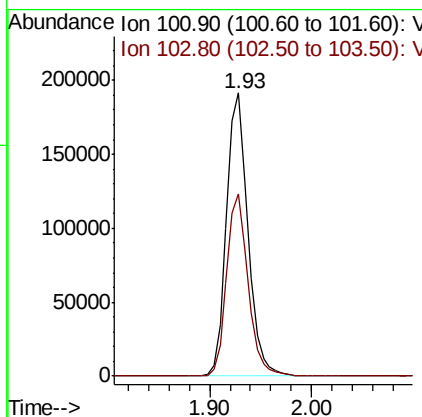
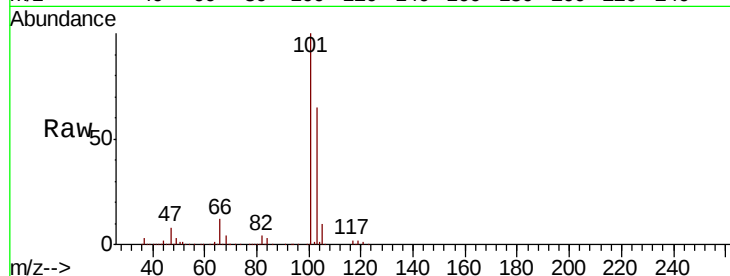
Trichlorofluoromethane
 Concen: 46.03 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.3	78.5

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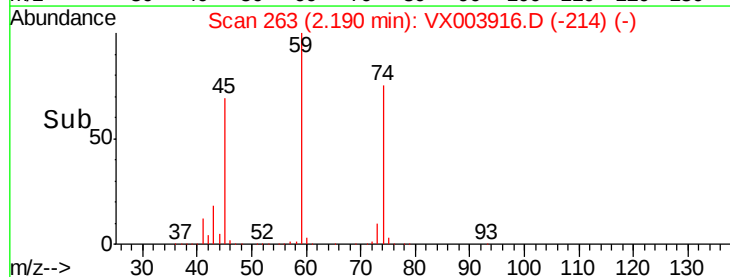
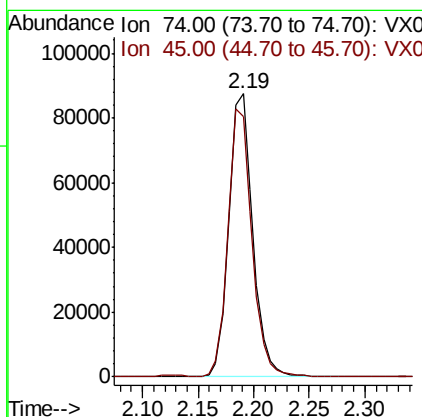
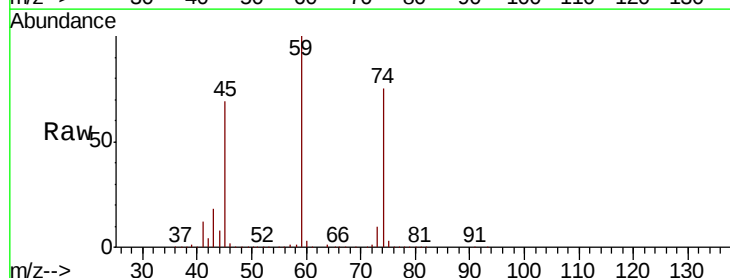
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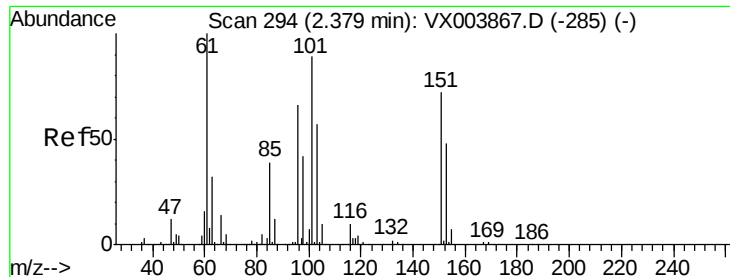


#8

Diethyl Ether
 Concen: 47.81 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.4	48.3	144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.98 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

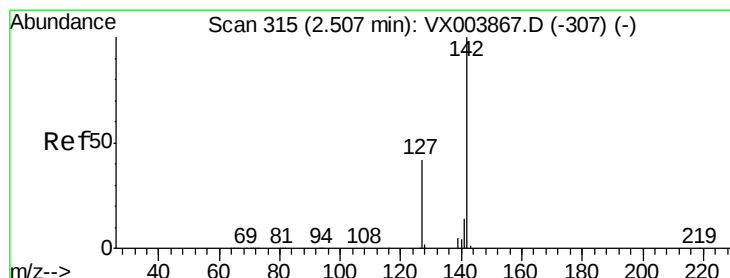
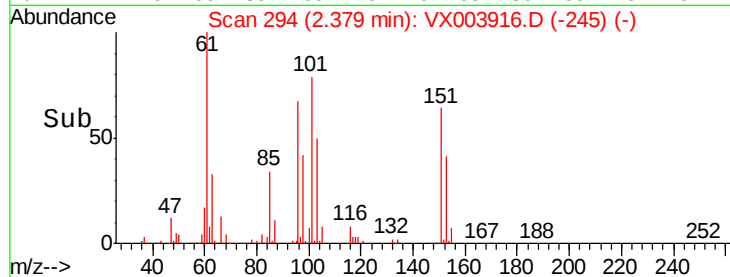
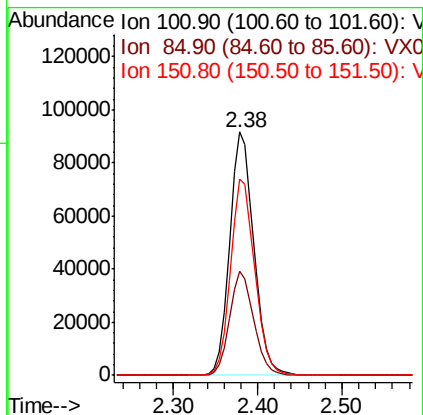
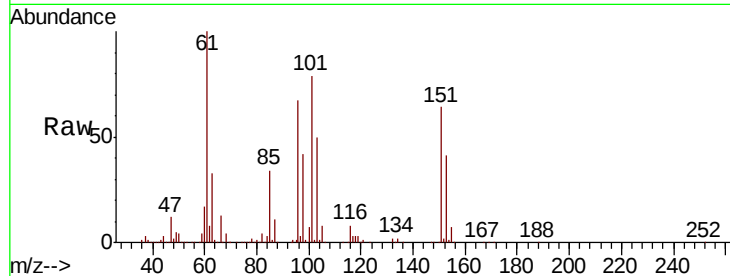
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	177790
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.2	51.4
151	81.0	65.0	97.4

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#10

Methyl Iodide

Concen: 43.82 ug/l

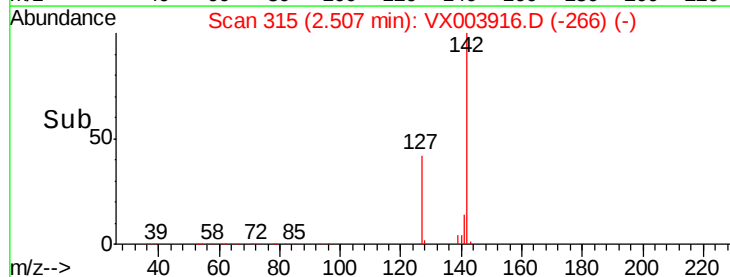
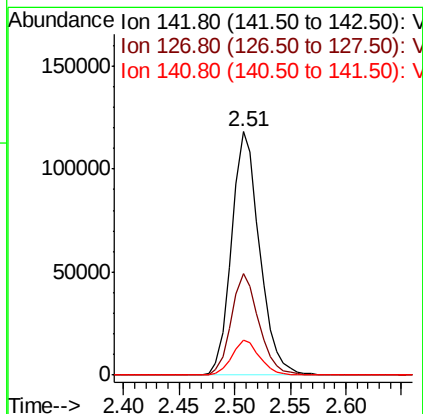
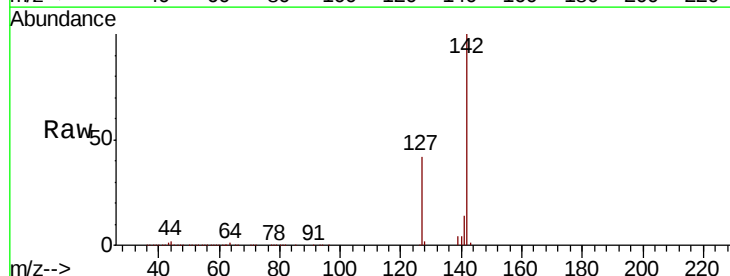
RT: 2.51 min Scan# 315

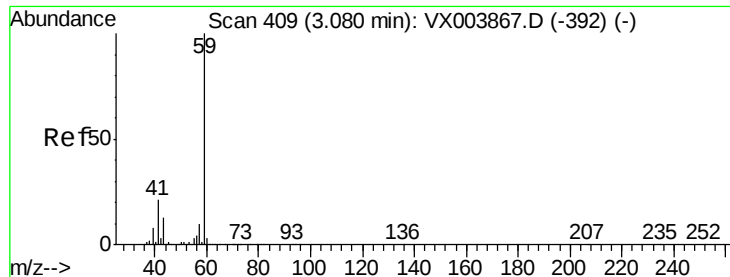
Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Tgt Ion:	142	Resp:	206312
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.1	49.7
141	14.3	11.1	16.7





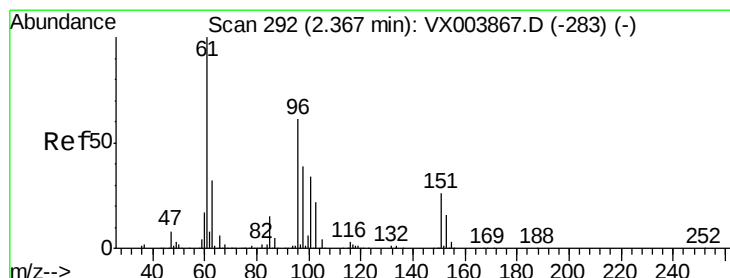
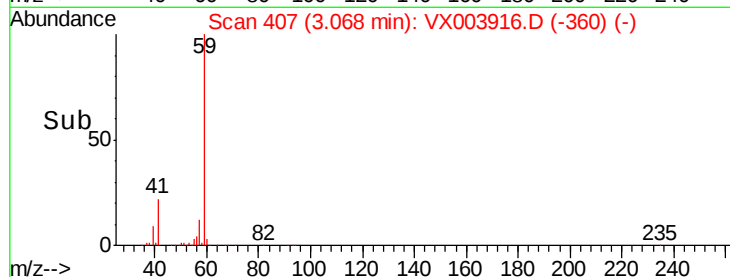
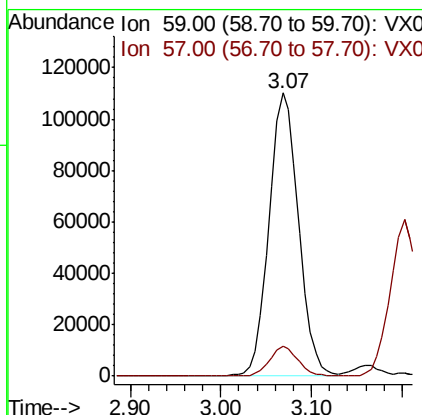
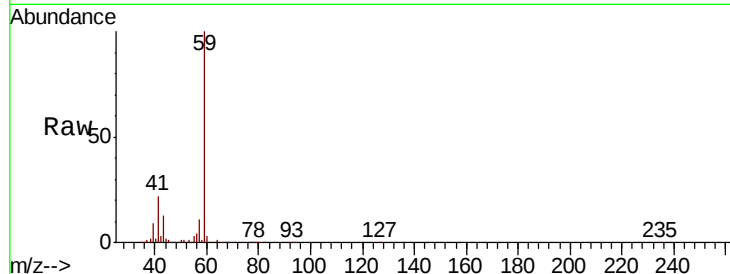
#11
Tert butyl alcohol
Concen: 233.34 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.1	12.1

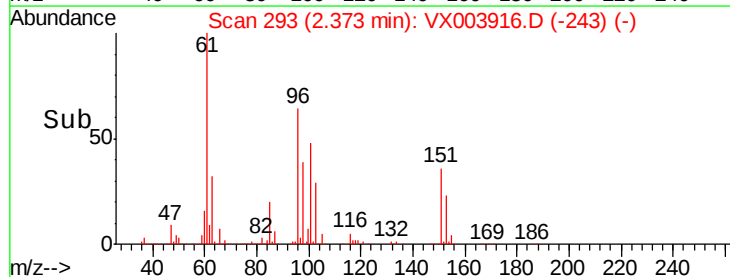
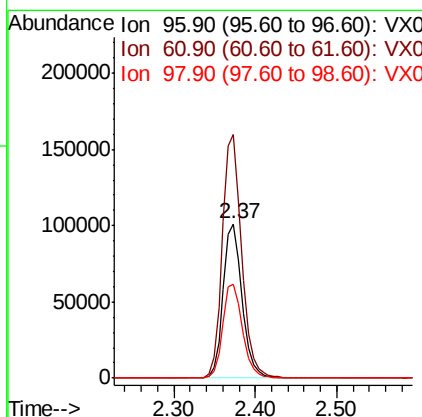
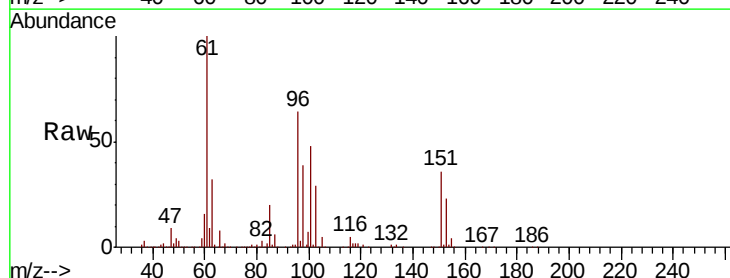
Manual Integrations
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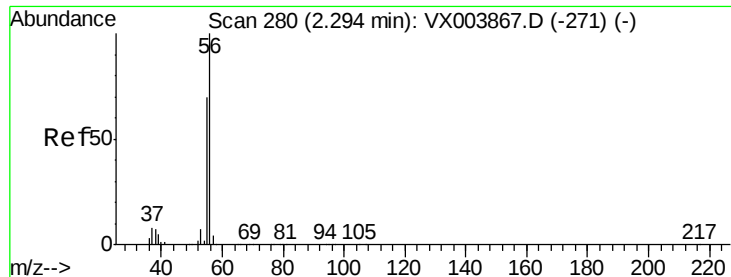
MMDadoda
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#12
1,1-Dichloroethene
Concen: 45.49 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.4	131.3	196.9
98	60.9	51.8	77.6





#13

Acrolein

Concen: 171.65 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 94886

Ion Ratio Lower Upper

56 100

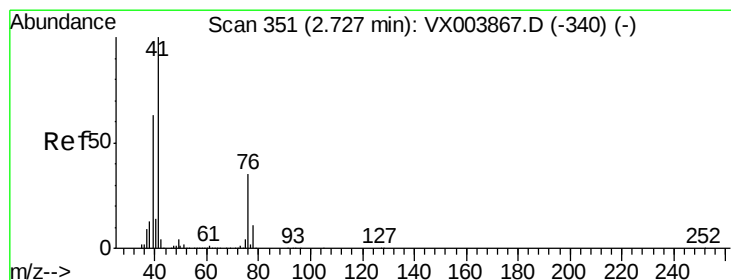
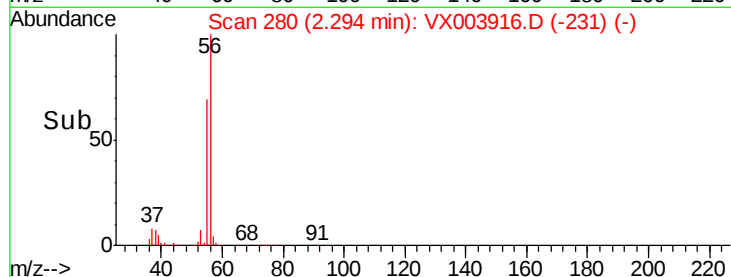
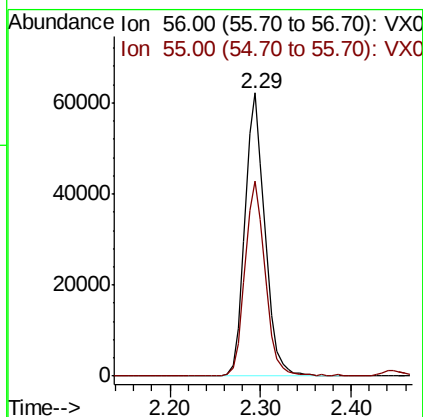
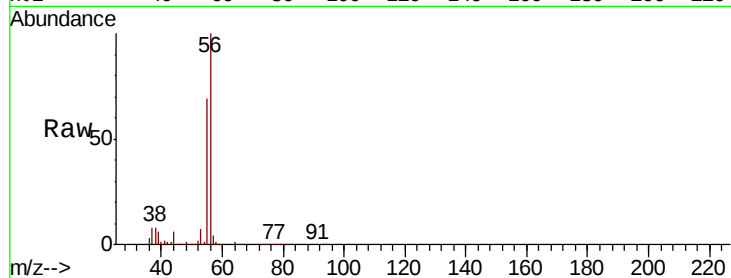
55 69.6 56.1 84.1

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#14

Allyl chloride

Concen: 46.32 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

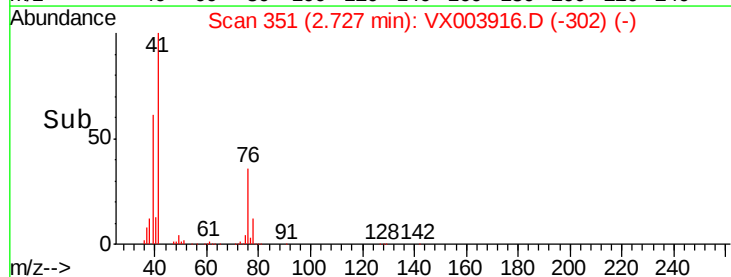
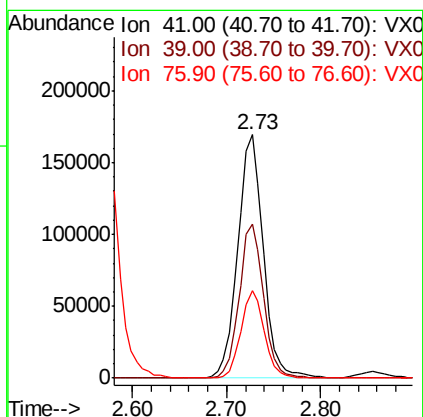
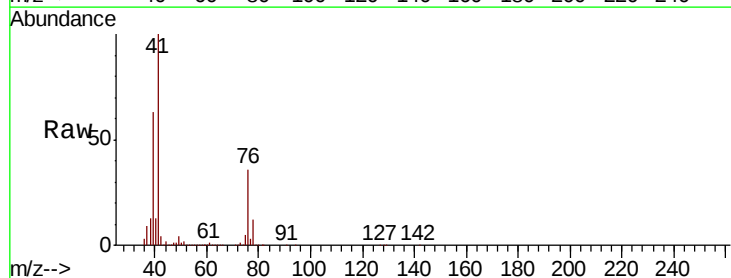
Tgt Ion: 41 Resp: 319616

Ion Ratio Lower Upper

41 100

39 60.3 47.4 71.0

76 33.0 26.0 39.0





#15

Acrylonitrile

Concen: 230.94 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

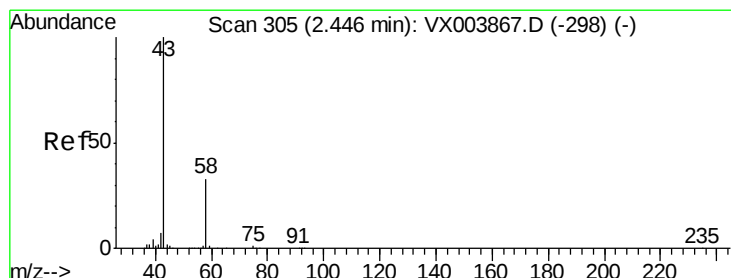
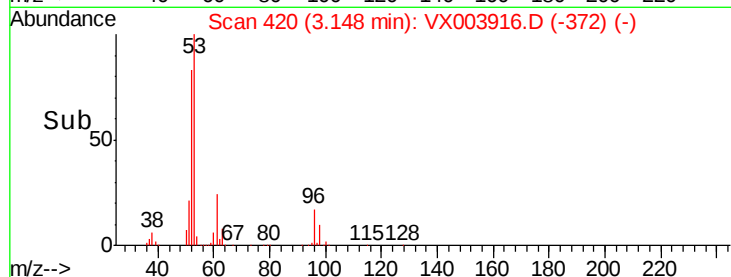
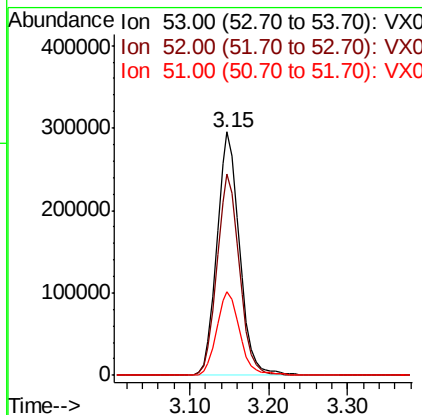
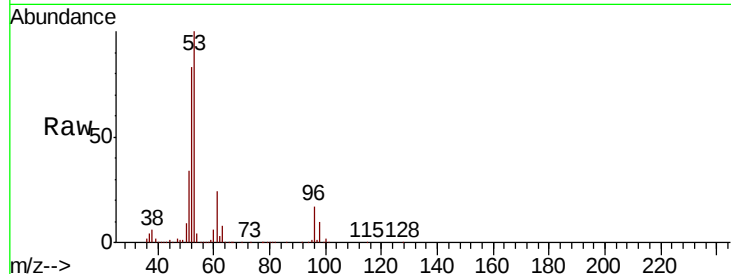
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	585396
Ion Ratio		Lower	Upper
53	100		
52	82.2	65.3	97.9
51	35.3	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 230.03 ug/l

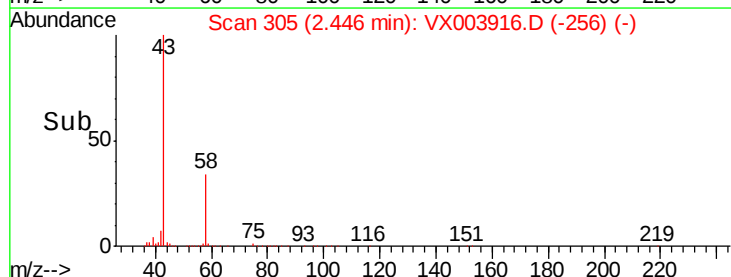
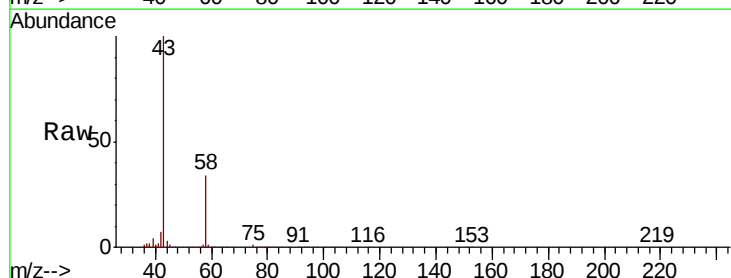
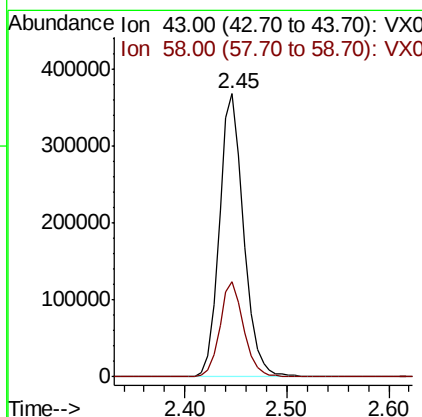
RT: 2.45 min Scan# 305

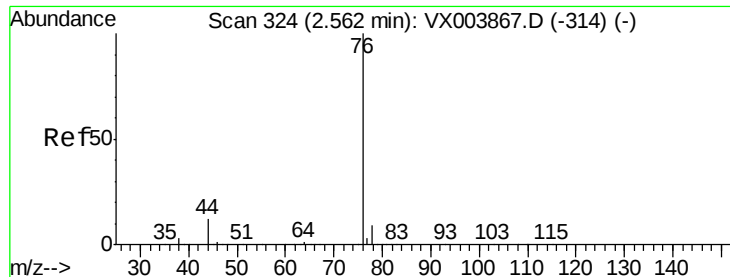
Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Tgt Ion:	43	Resp:	604981
Ion Ratio		Lower	Upper
43	100		
58	33.5	26.4	39.6





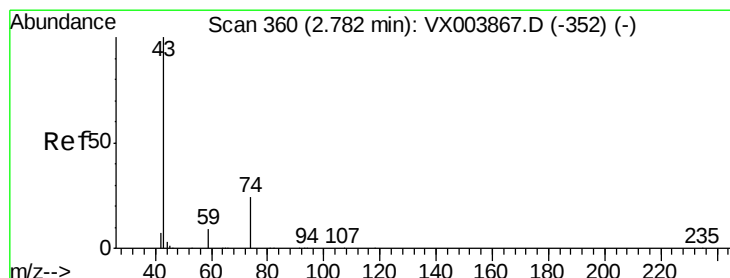
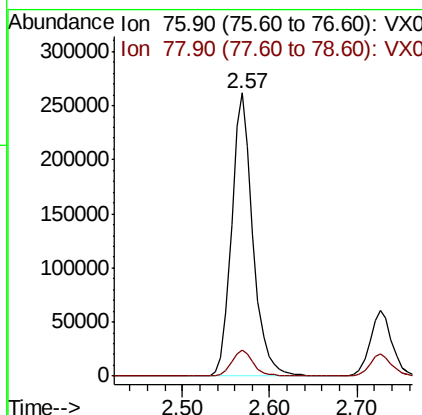
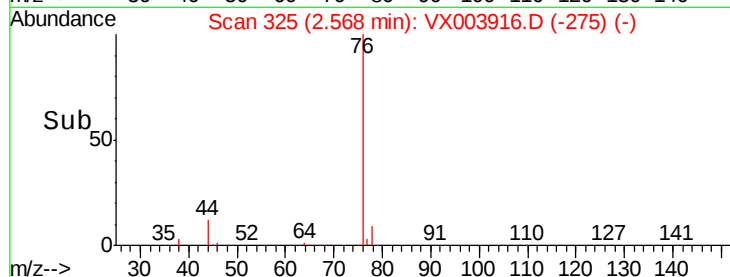
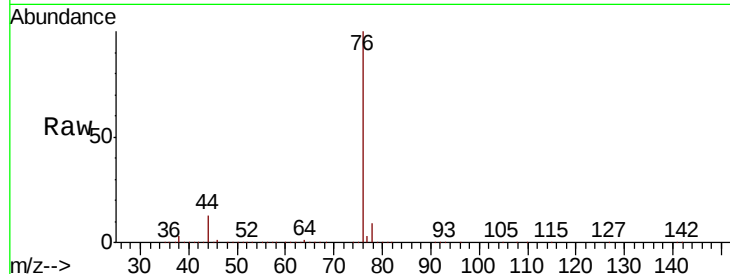
#17
Carbon Disulfide
Concen: 43.65 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

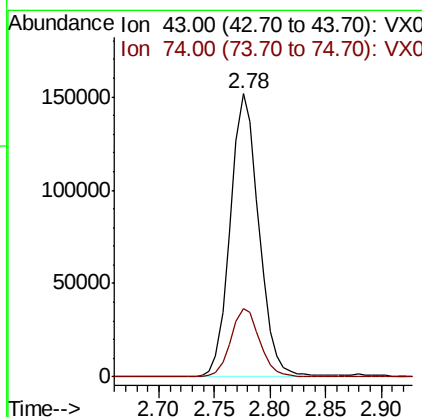
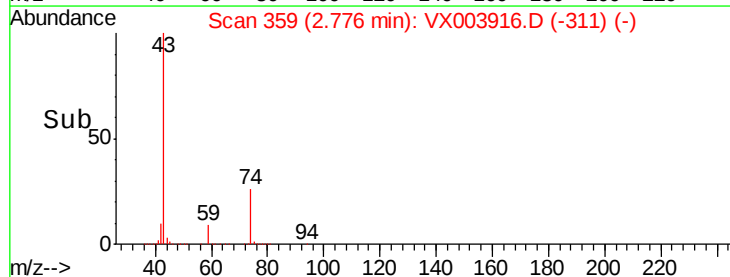
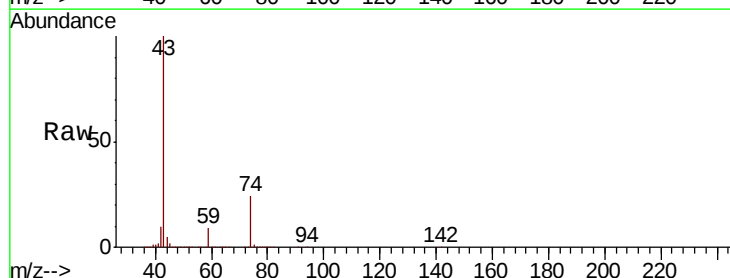
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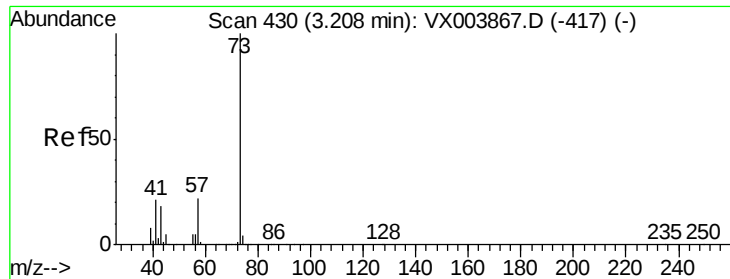
MMDadoda
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#18
Methyl Acetate
Concen: 46.99 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	18.9	28.3





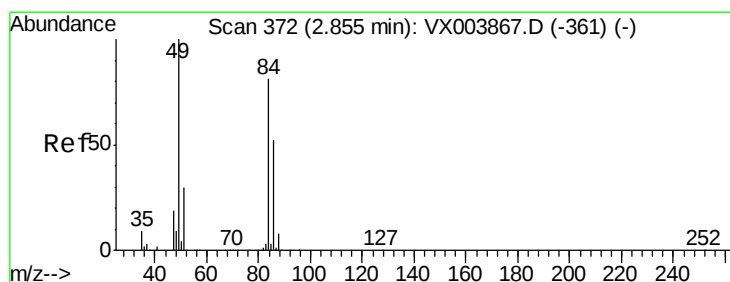
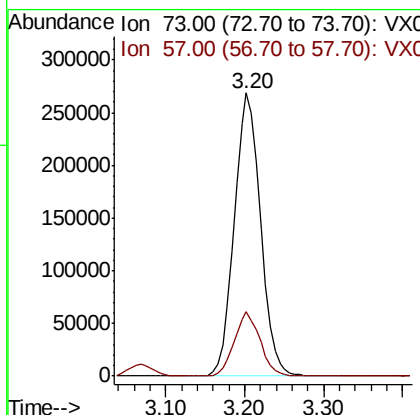
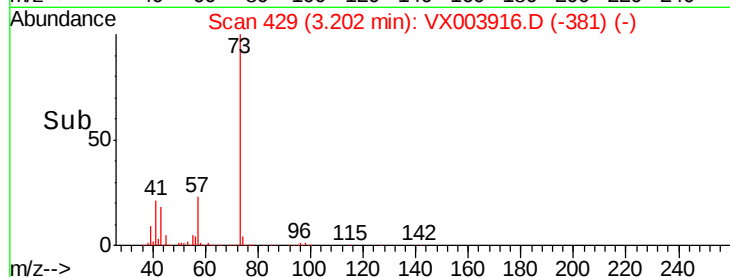
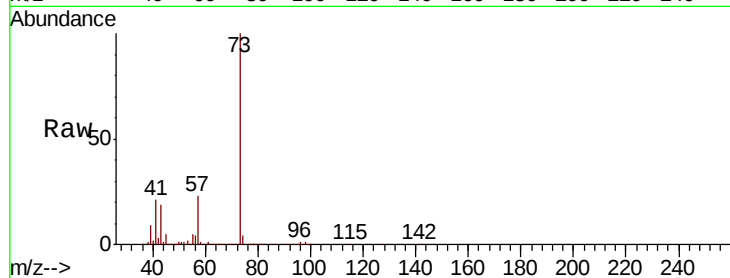
#19
Methvl tert-butvl Ether
Concen: 48.92 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 620511
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0

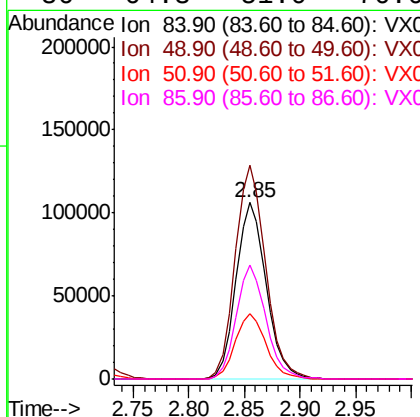
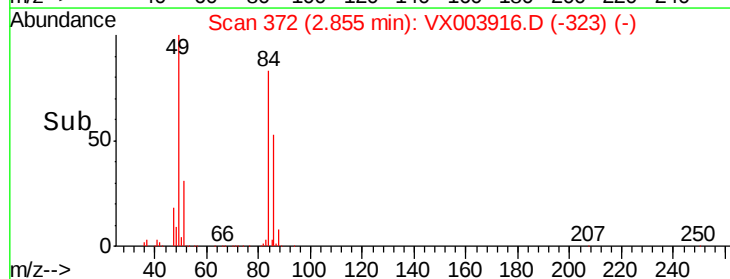
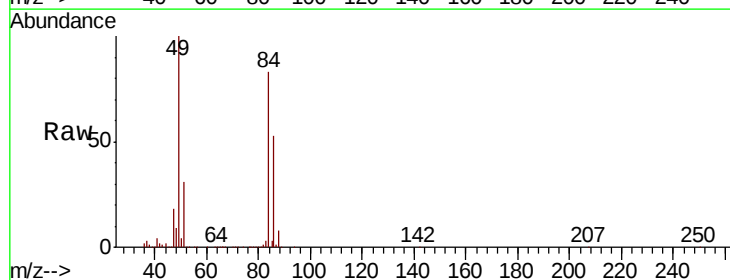
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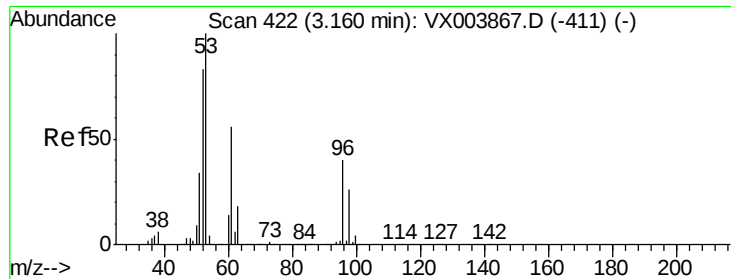
MMDadoda
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#20
Methylene Chloride
Concen: 48.18 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Tgt Ion: 84 Resp: 199940
Ion Ratio Lower Upper
84 100
49 121.1 98.9 148.3
51 37.0 29.9 44.9
86 64.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 45.03 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

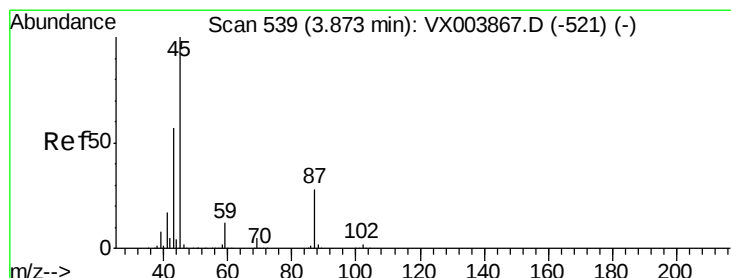
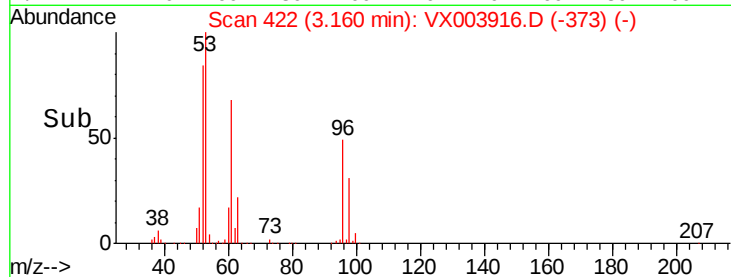
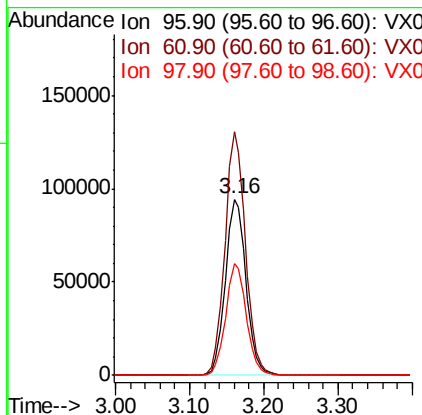
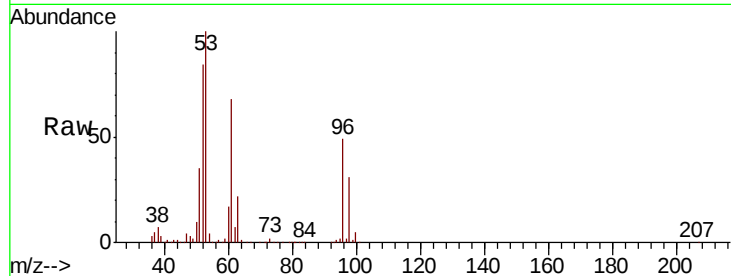
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.2	111.8	167.6
98	63.6	51.8	77.6

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#22

Diisopropyl ether

Concen: 48.53 ug/l

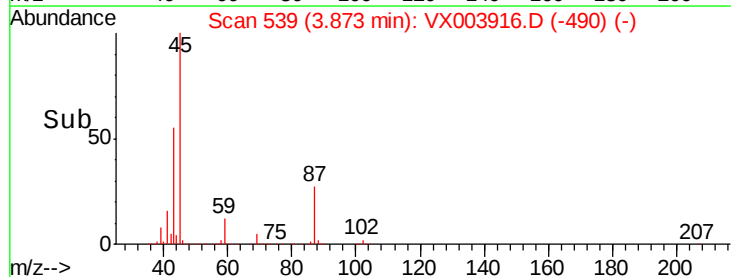
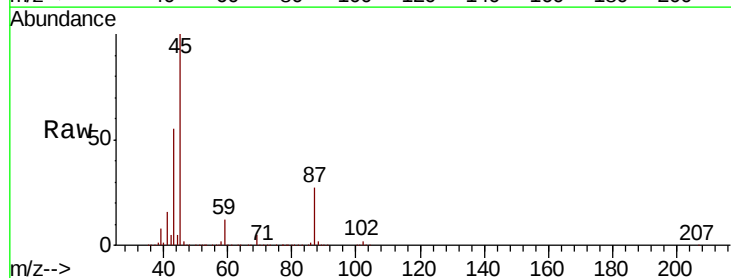
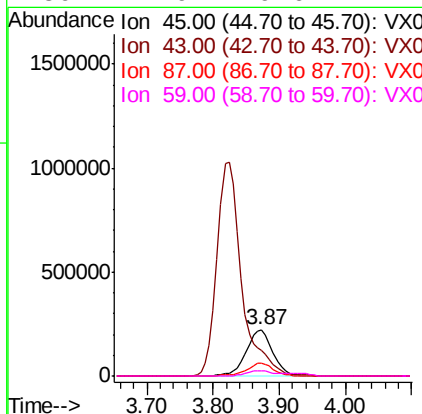
RT: 3.87 min Scan# 539

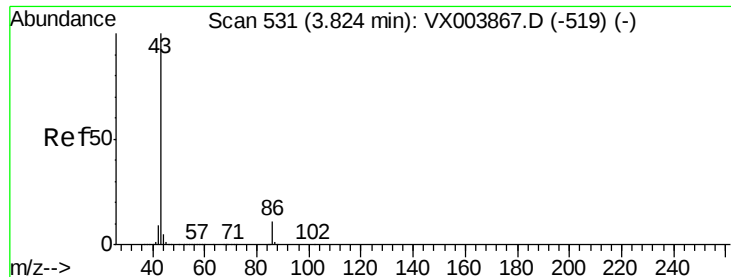
Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	54.9	45.3	67.9
87	27.5	22.7	34.1
59	11.9	9.6	14.4





#23

Vinyl Acetate

Concen: 254.31 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 2683803

Ion Ratio Lower Upper

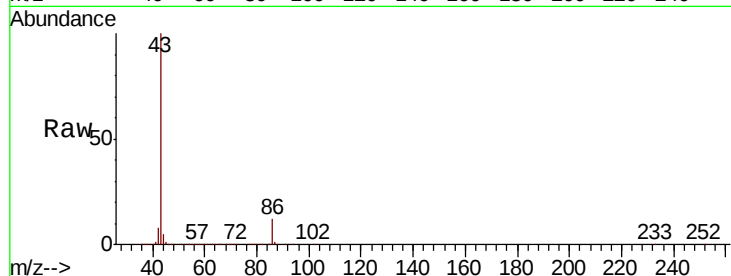
43 100

86 11.6 8.9 13.3

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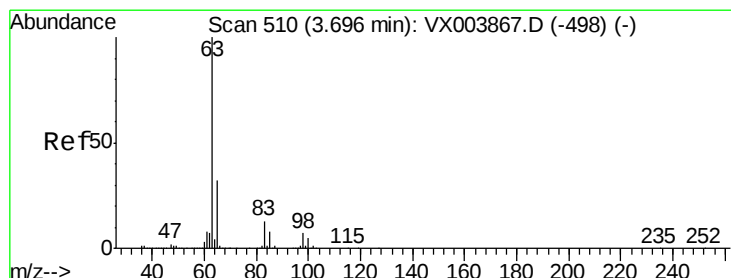
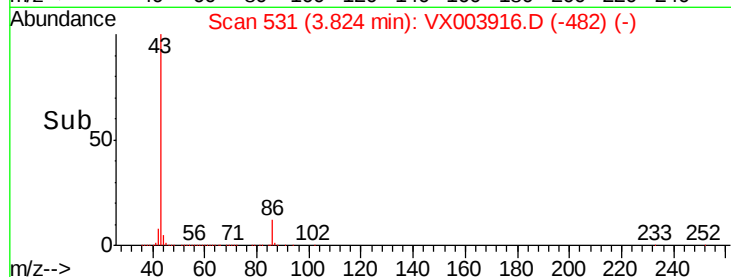
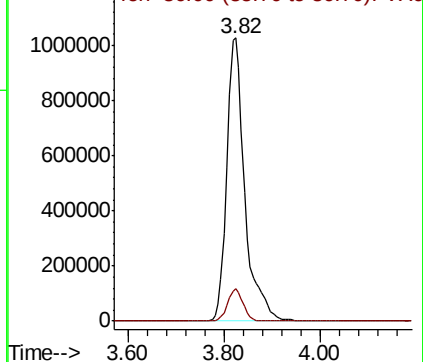
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.24 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

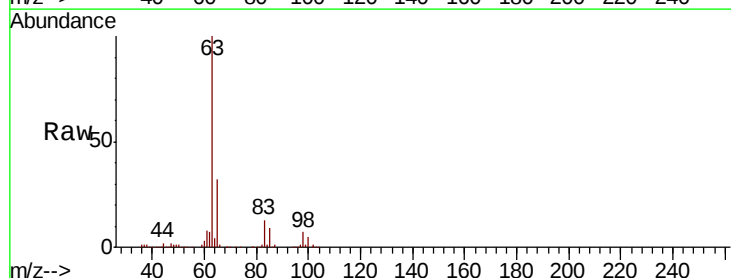
Tgt Ion: 63 Resp: 348378

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

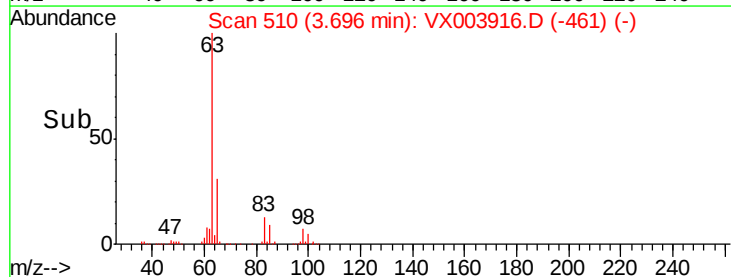
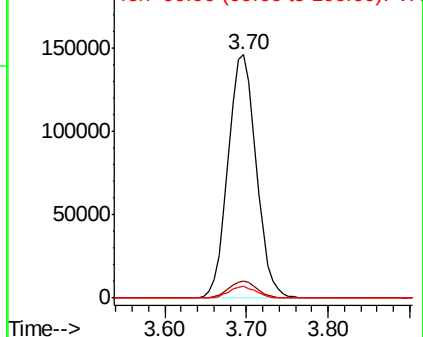
100 4.7 2.3 6.8

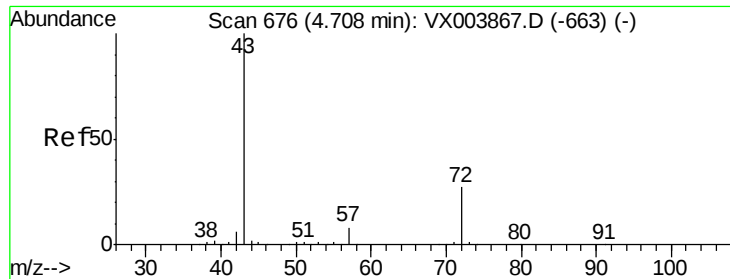


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 240.92 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 952642

Ion Ratio Lower Upper

43 100

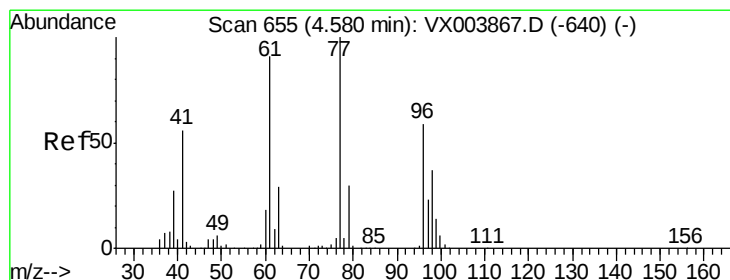
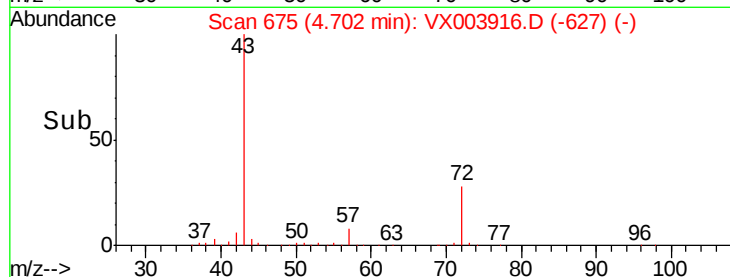
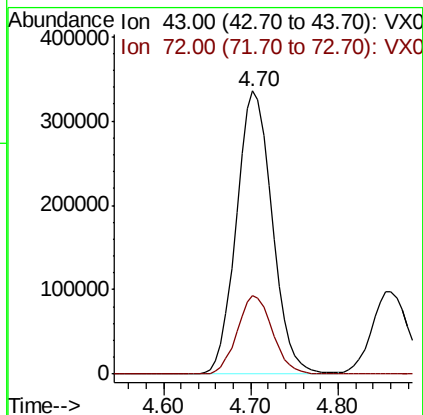
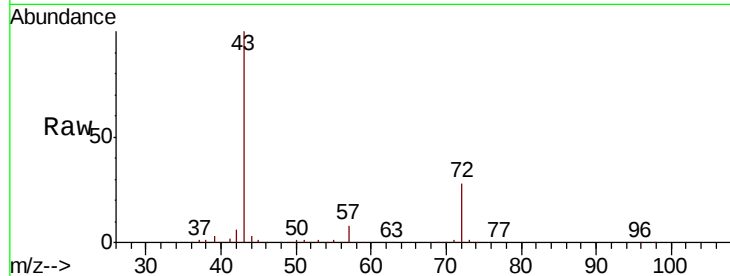
72 27.7 21.4 32.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.77 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003916.D

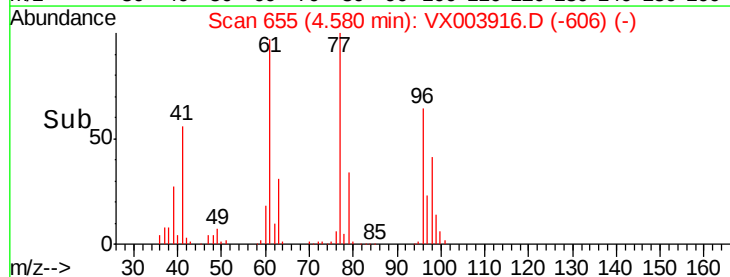
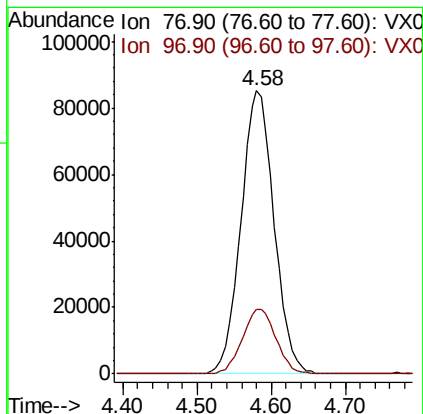
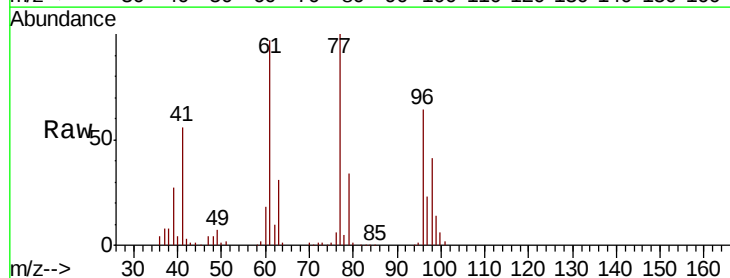
Acq: 08 Aug 2018 11:32

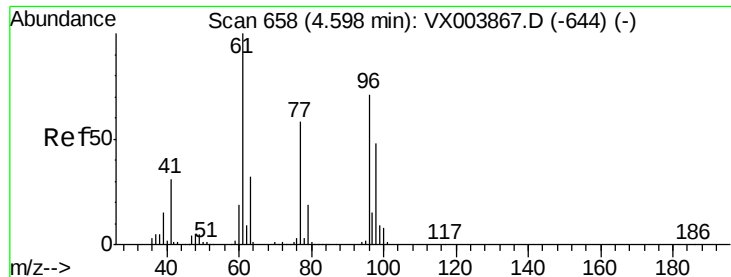
Tgt Ion: 77 Resp: 264982

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.9





#27

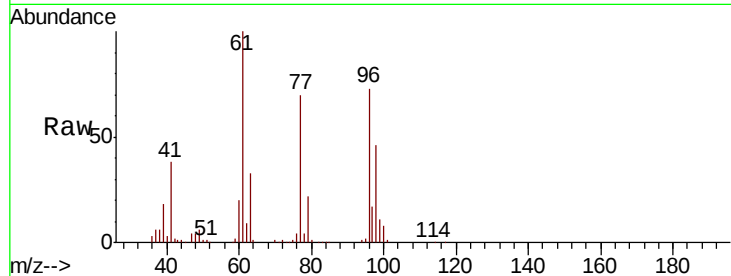
cis-1,2-Dichloroethene
Concen: 48.09 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

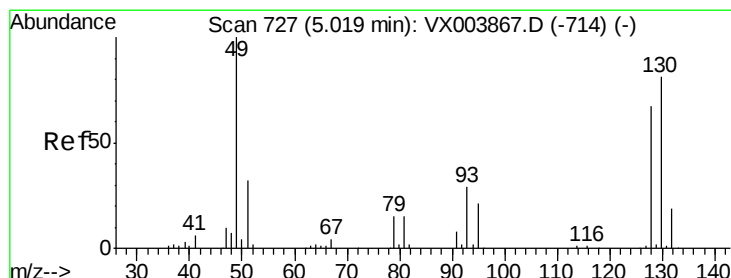
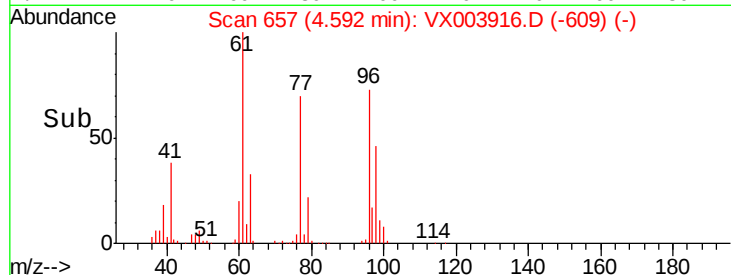
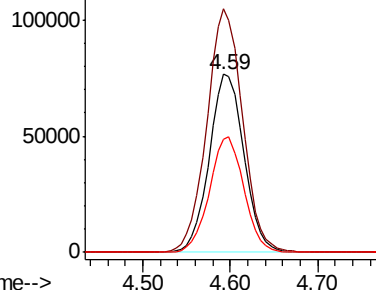
Tot Ion	Ratio	Resp	Lower	Upper
96	100	212067		
61	140.9	0.0	293.0	
98	64.4	0.0	131.8	

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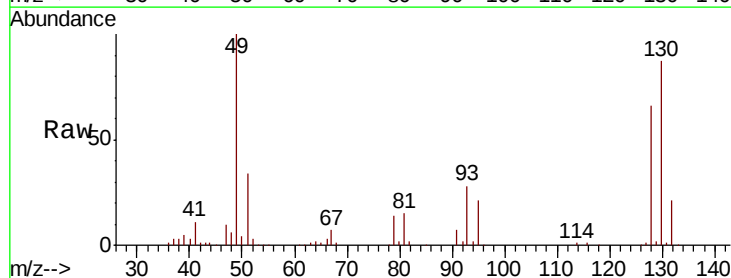
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



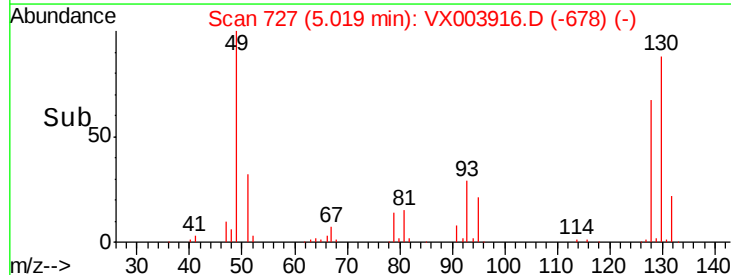
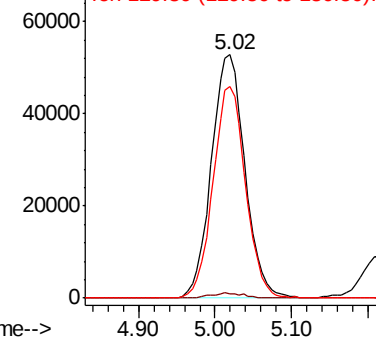
#28

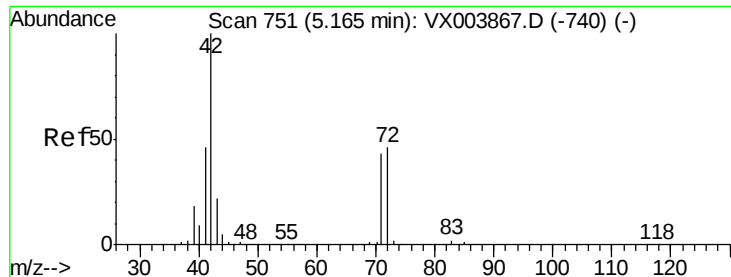
Bromochloromethane
Concen: 49.86 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	160760		
129	2.1	0.0	4.2	
130	84.3	66.5	99.7	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





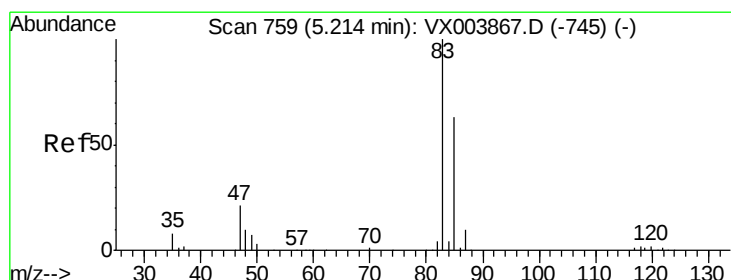
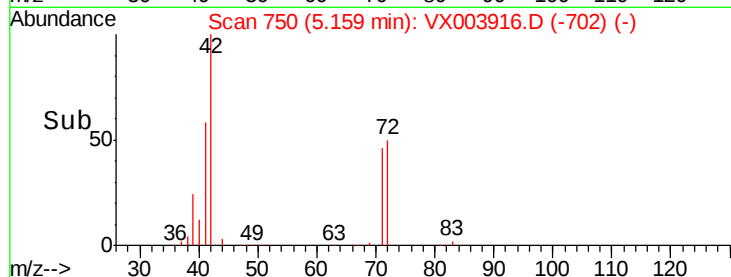
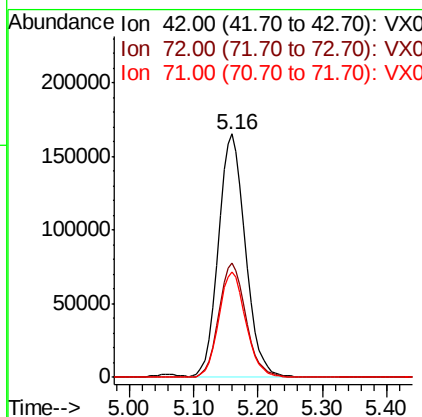
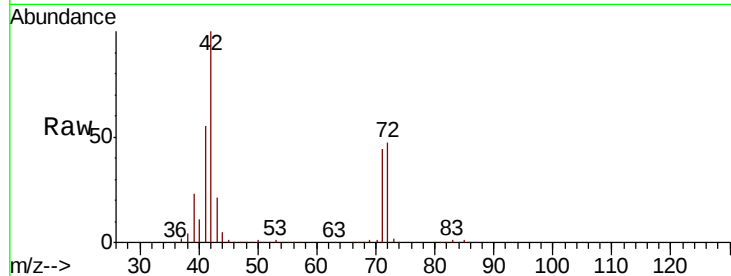
#29
Tetrahydrofuran
Concen: 239.87 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.7	56.5
71	43.6	35.0	52.6

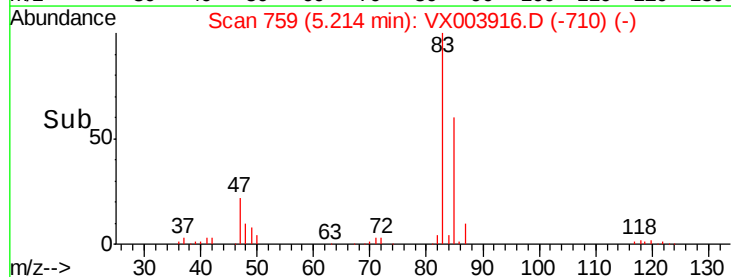
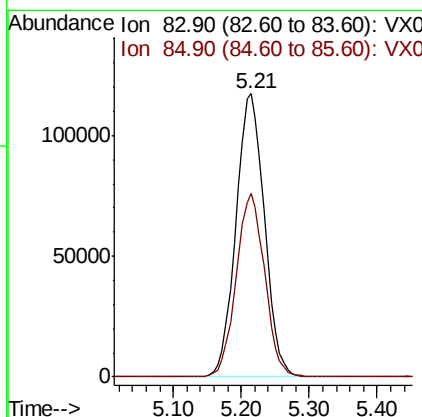
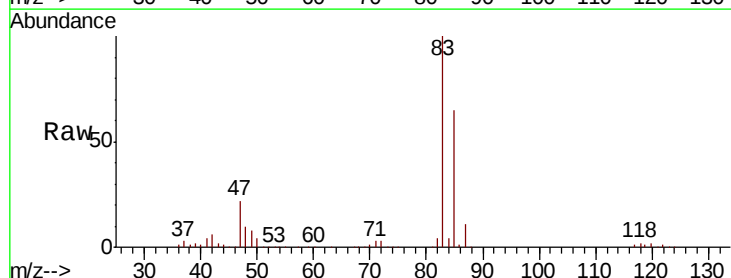
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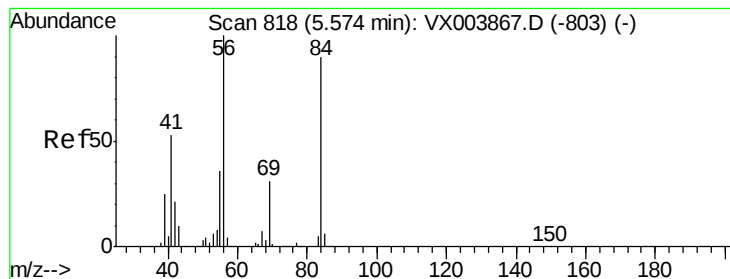
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8/9/2018 10:39:27 AM



#30
Chloroform
Concen: 48.10 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.7	76.1





#31

Cyclohexane

Concen: 46.82 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

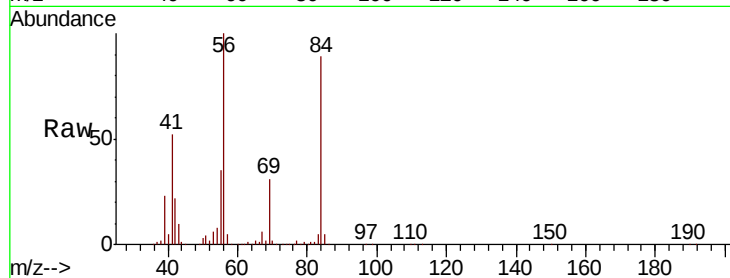
ClientSampleId :

VSTDCCC050

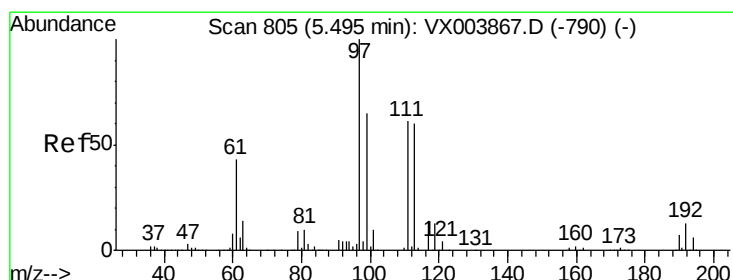
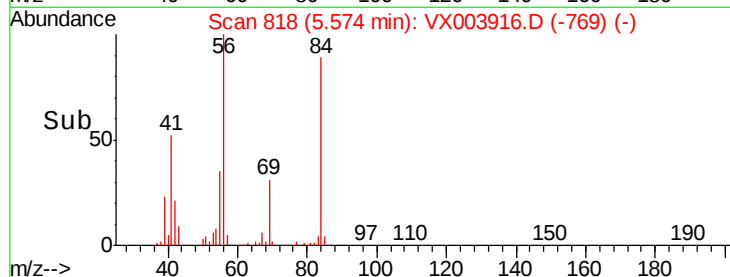
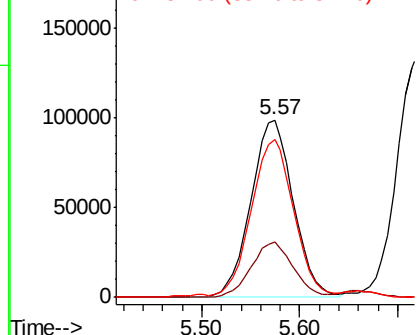
Tot Ion:	56	Resp:	298329
Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.9	37.3
84	87.9	71.7	107.5

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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 47.98 ug/l

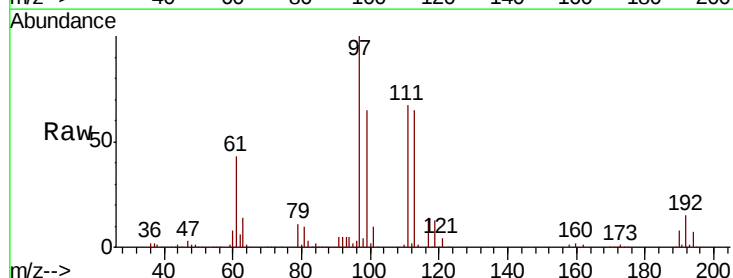
RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

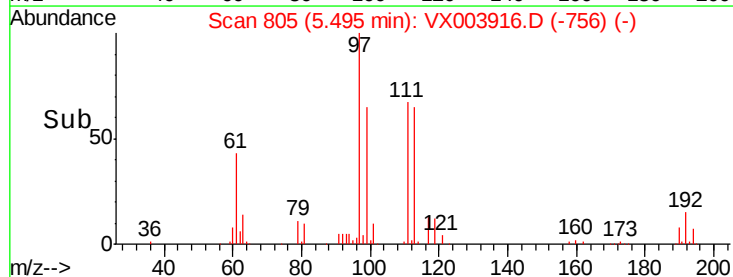
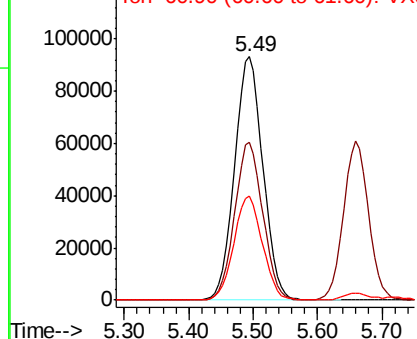
Lab File: VX003916.D

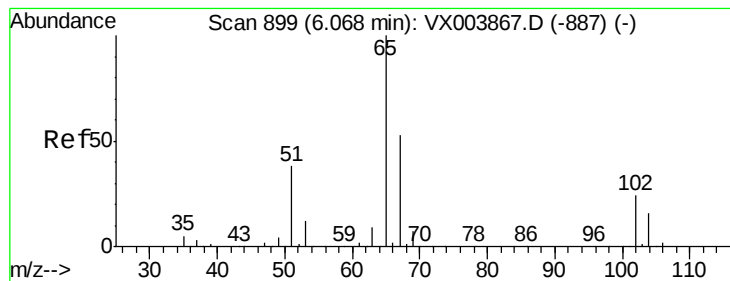
Acq: 08 Aug 2018 11:32

Tgt Ion:	97	Resp:	285387
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	43.0	34.4	51.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.38 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 222727

Ion Ratio Lower Upper

65 100

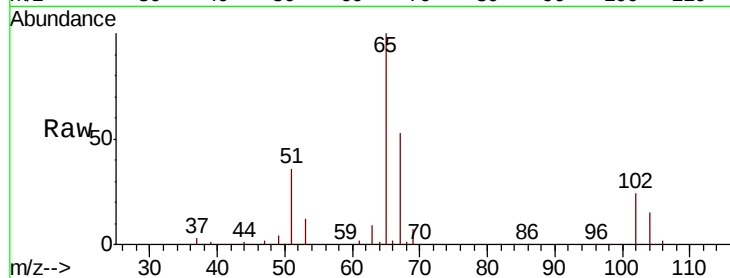
67 53.5 0.0 105.8

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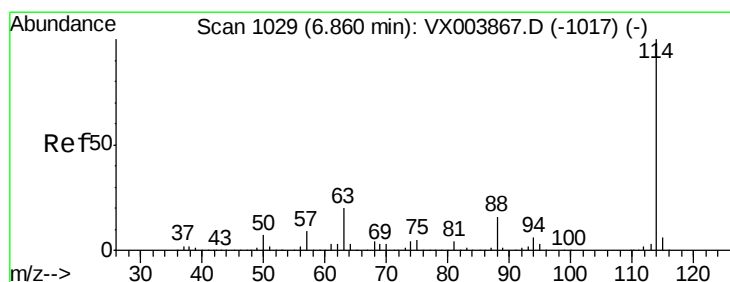
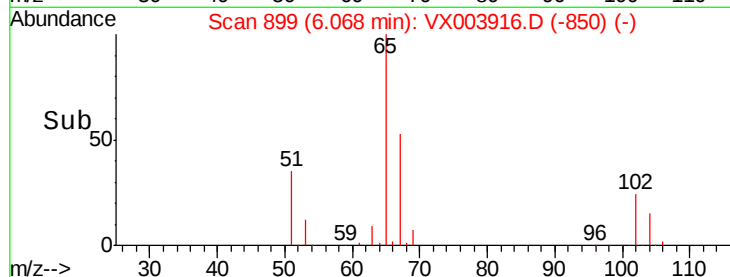
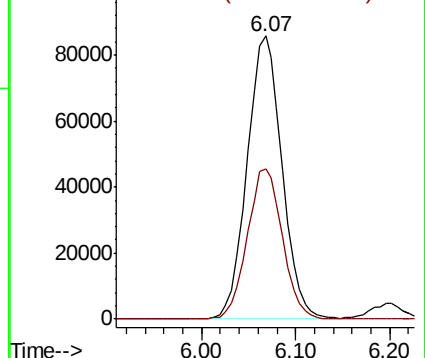
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

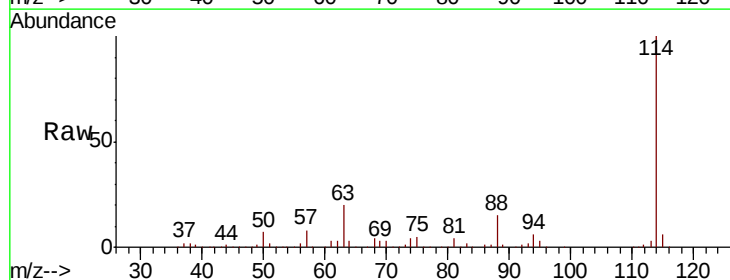
Tgt Ion: 114 Resp: 479130

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

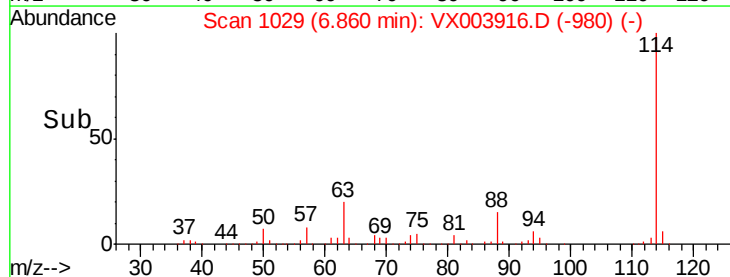
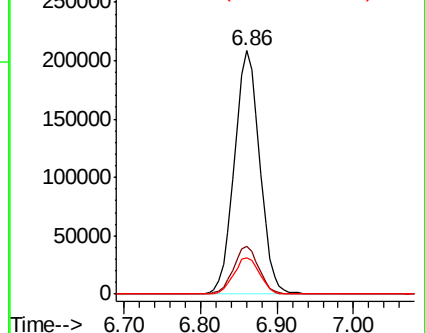
88 15.1 0.0 32.0

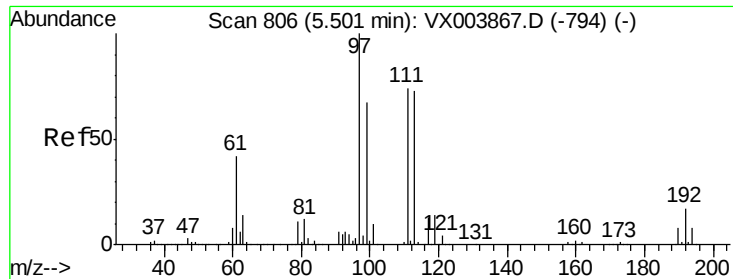


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





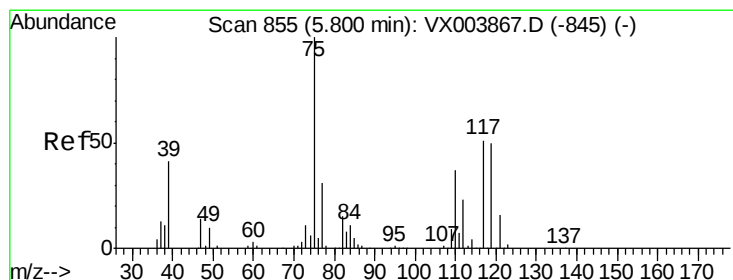
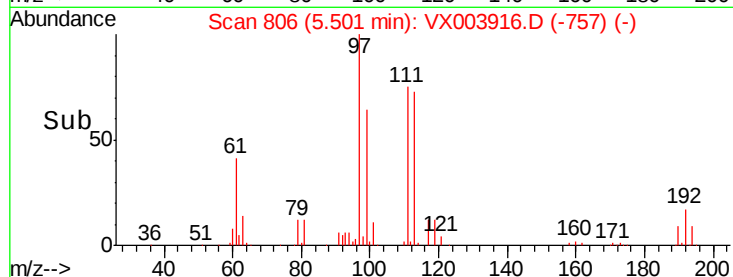
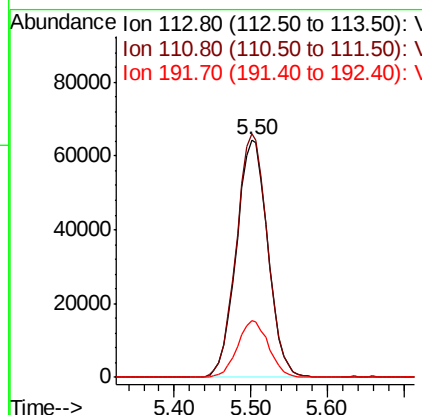
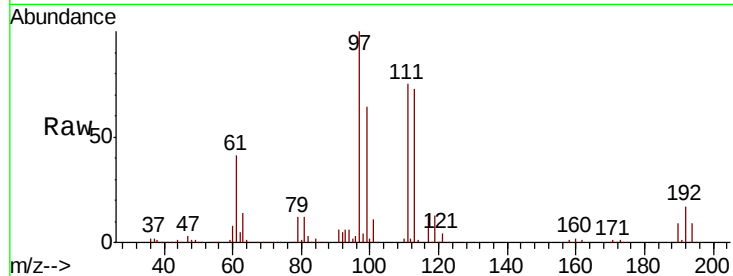
#35
Dibromofluoromethane
Concen: 50.41 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	182963		
111	102.0	82.0	123.0	
192	23.6	19.0	28.4	

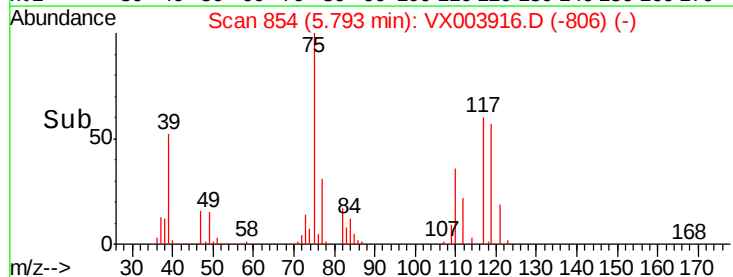
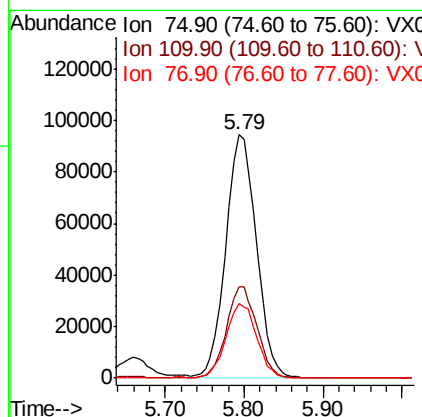
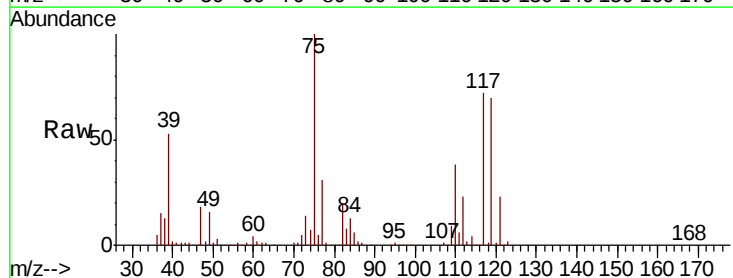
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#36
1,1-Dichloropropene
Concen: 47.50 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.01 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	254916		
110	37.5	18.2	54.6	
77	30.8	25.0	37.4	





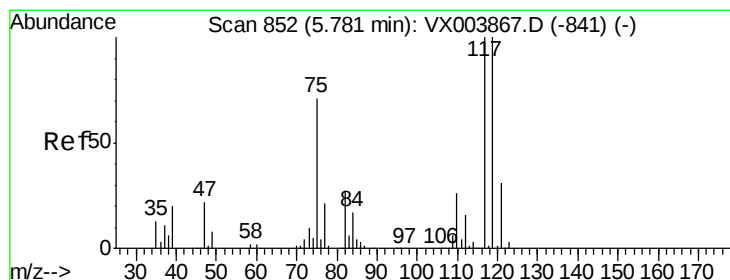
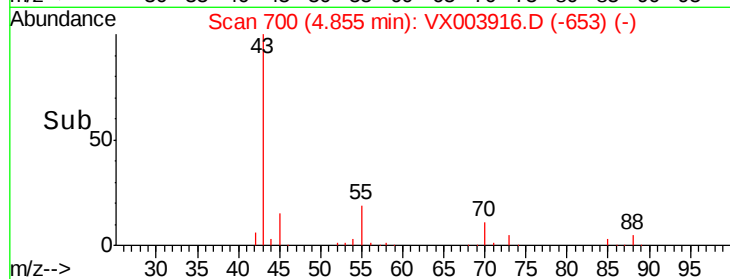
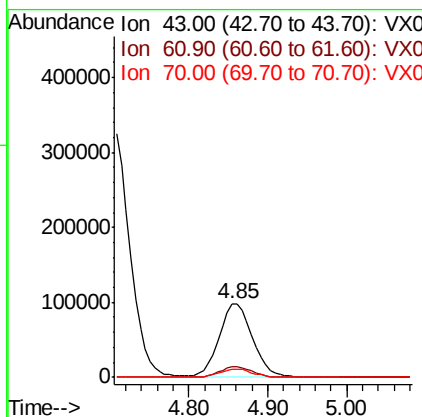
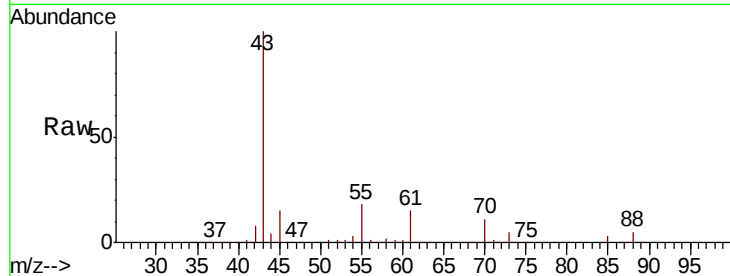
#37
Ethyl Acetate
Concen: 48.82 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	11.3	9.0	13.4

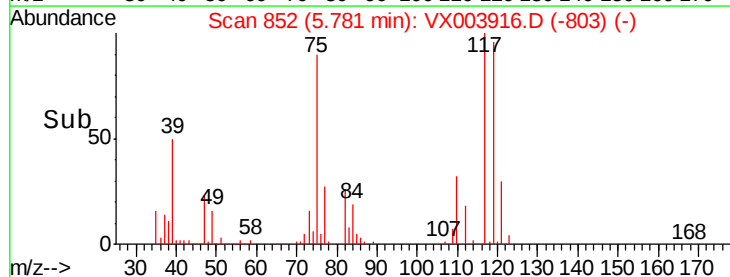
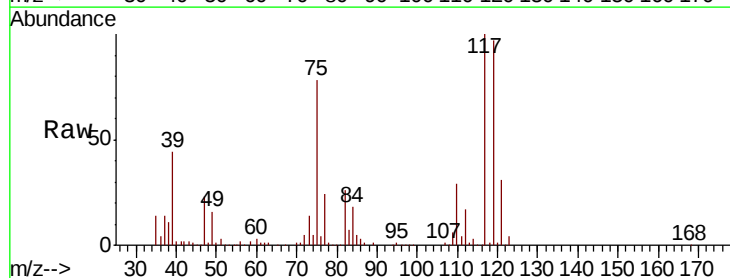
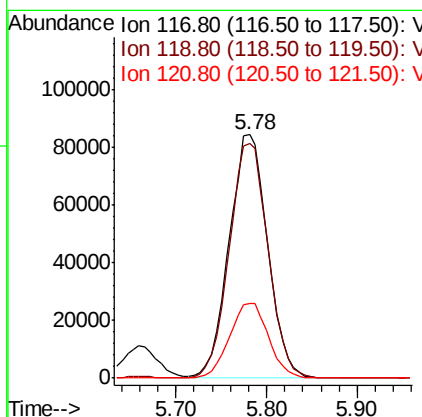
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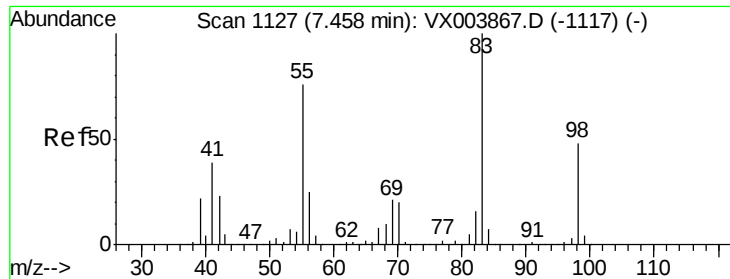
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#38
Carbon Tetrachloride
Concen: 48.39 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.5	119.3
121	30.6	25.0	37.4





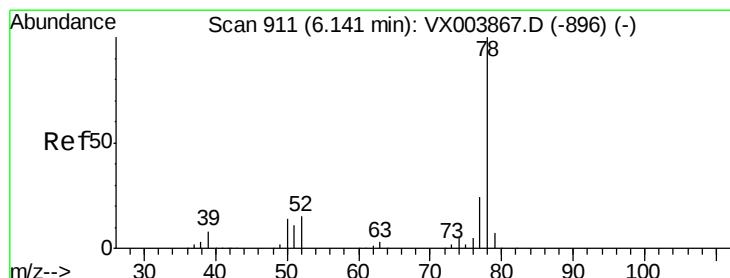
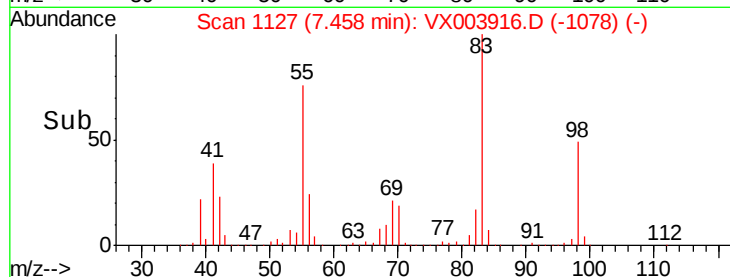
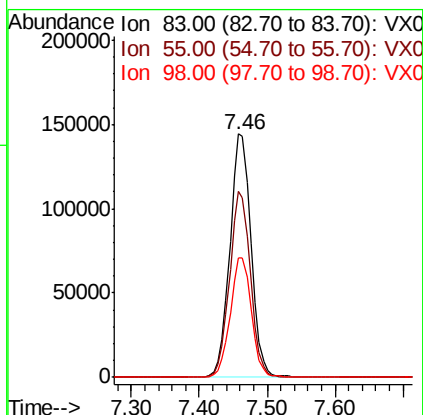
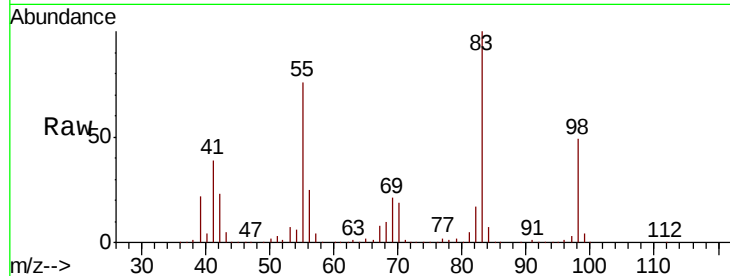
#39
Methylvlcyclohexane
Concen: 49.33 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.3	61.0	91.6	
98	48.9	38.6	57.8	

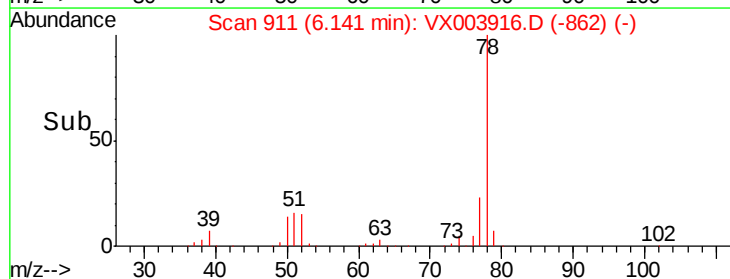
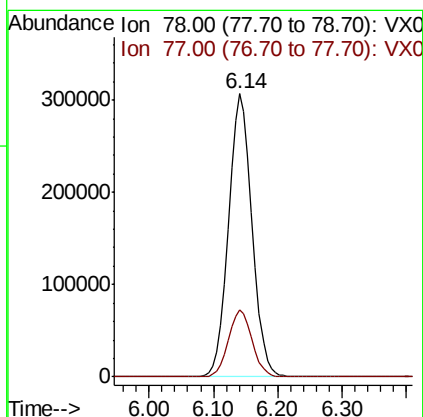
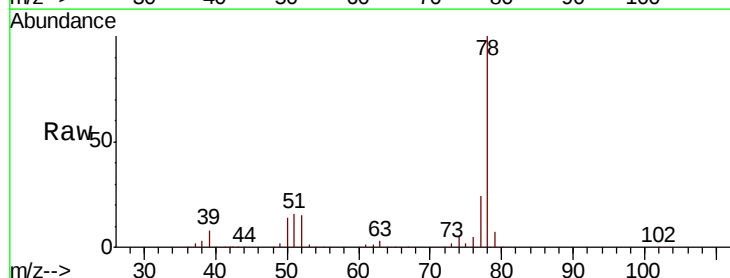
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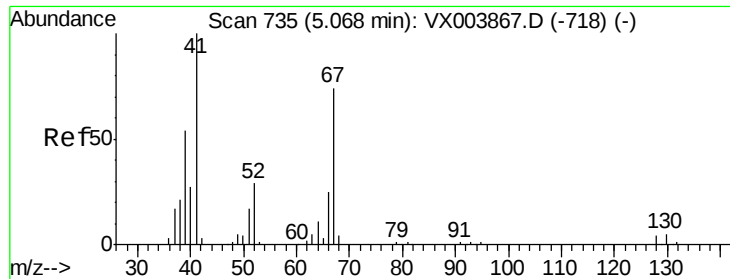
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#40
Benzene
Concen: 48.74 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.5	19.0	28.4	





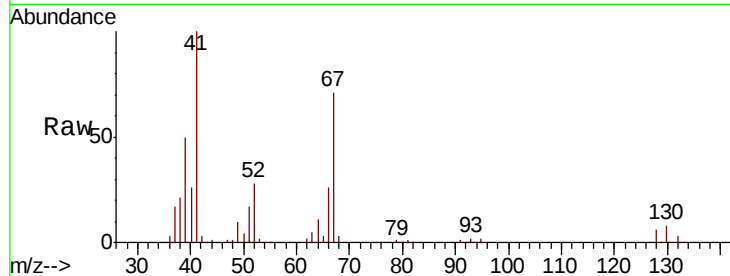
#41
Methacrylonitrile
Concen: 49.79 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

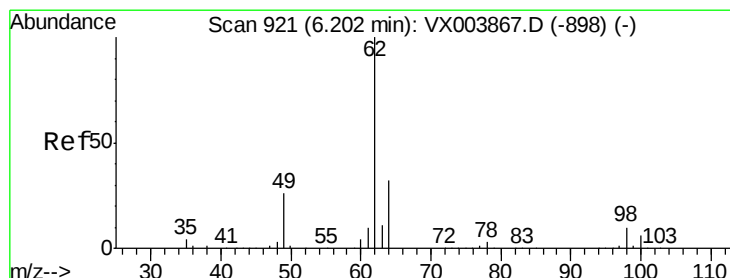
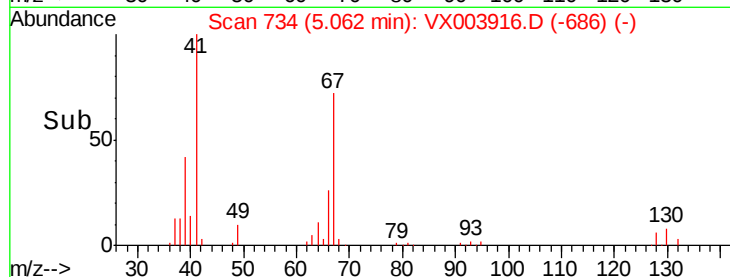
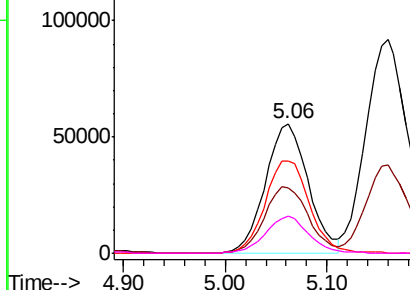
Tot Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.7	64.1
67	74.2	58.9	88.3
52	28.2	22.6	33.8

Manual Integrations
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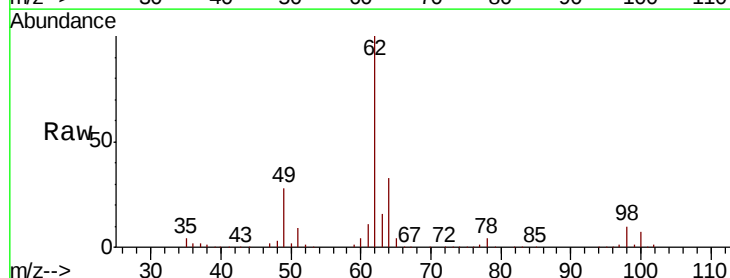


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

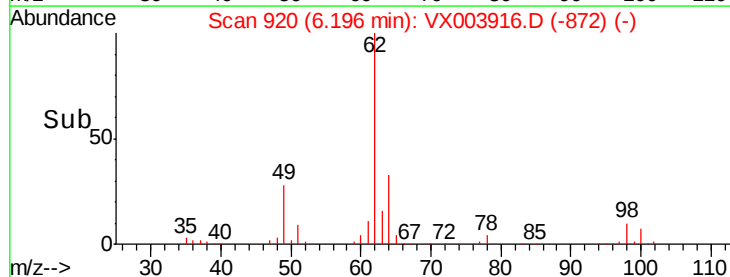
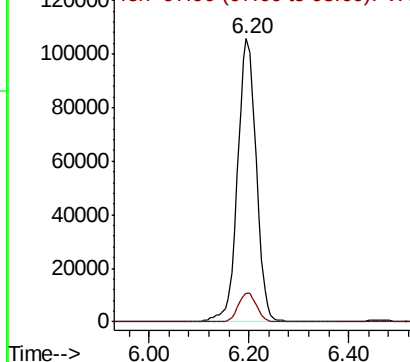


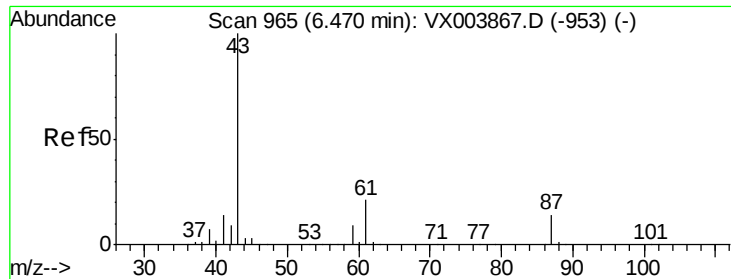
#42
1,2-Dichloroethane
Concen: 50.54 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

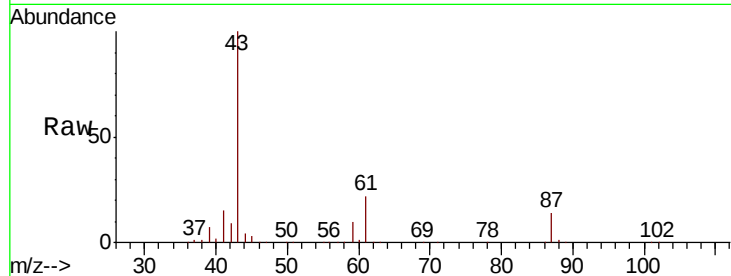
Isopropyl Acetate
 Concen: 50.53 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

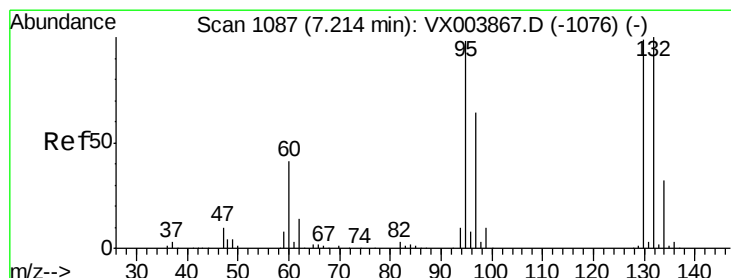
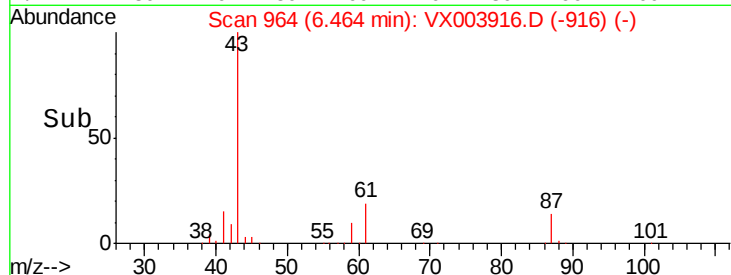
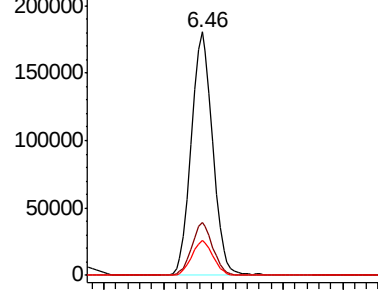
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.9	25.3
87	14.2	11.3	16.9

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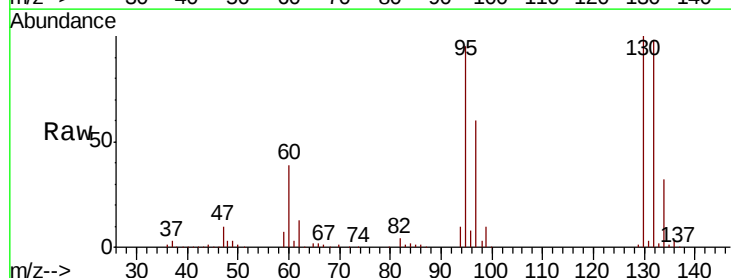
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



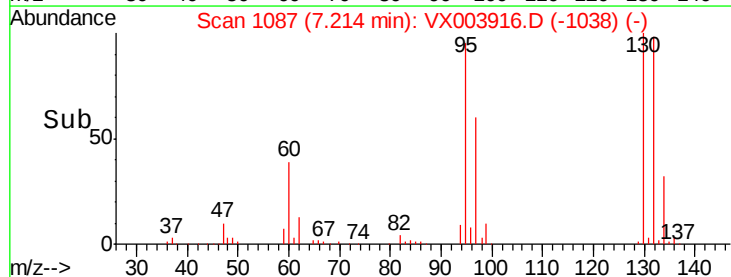
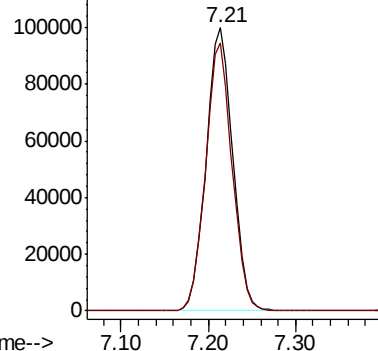
#44

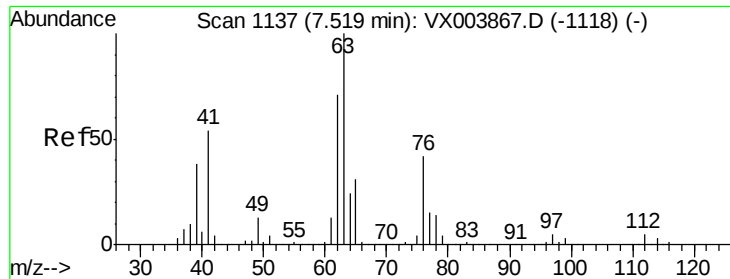
Trichloroethene
 Concen: 48.00 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	199.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





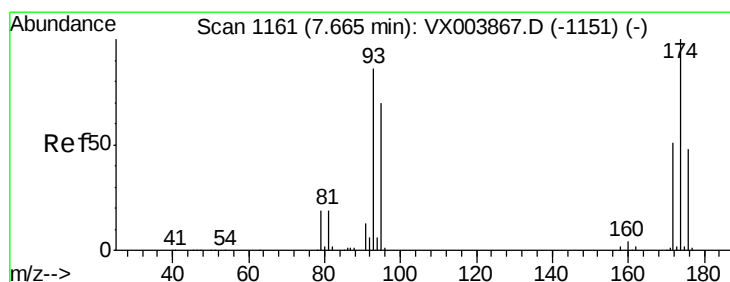
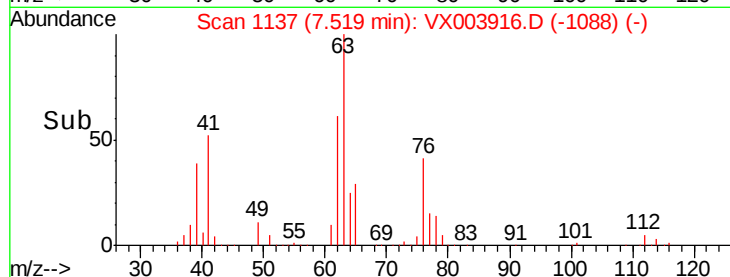
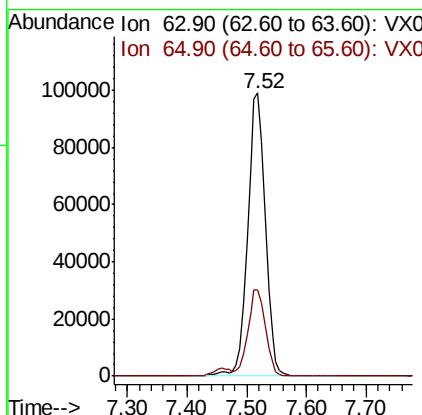
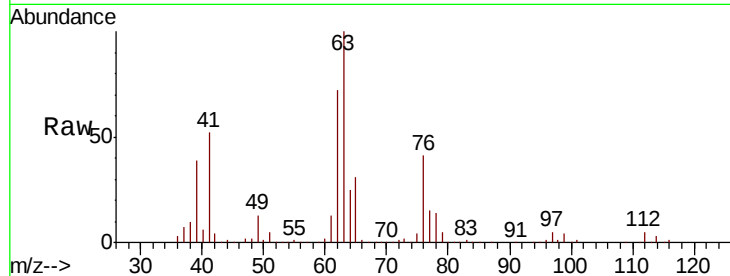
#45
 1,2-Dichloropropane
 Concen: 49.04 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.6	36.8

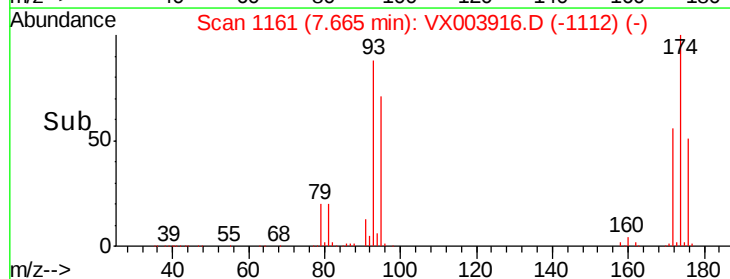
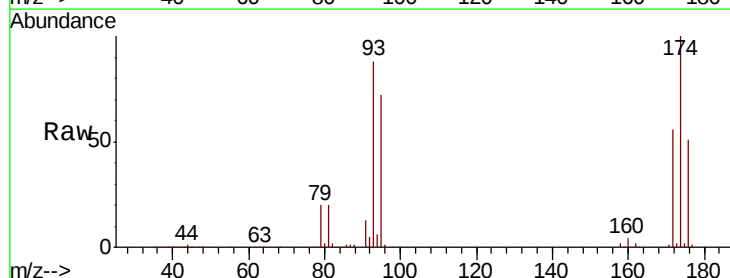
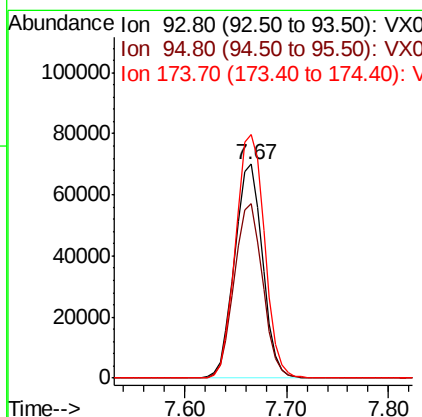
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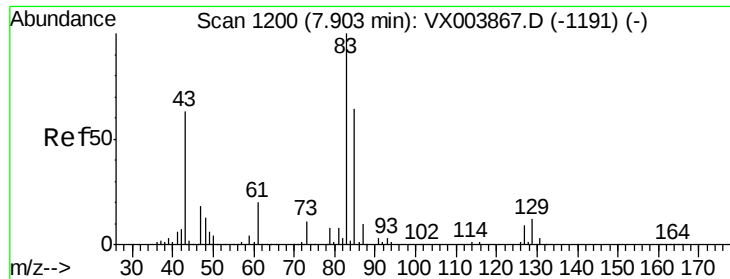
MMDadoda
 8/9/2018 10:39:27 AM



#46
 Dibromomethane
 Concen: 49.35 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.4	99.6
174	117.8	94.3	141.5





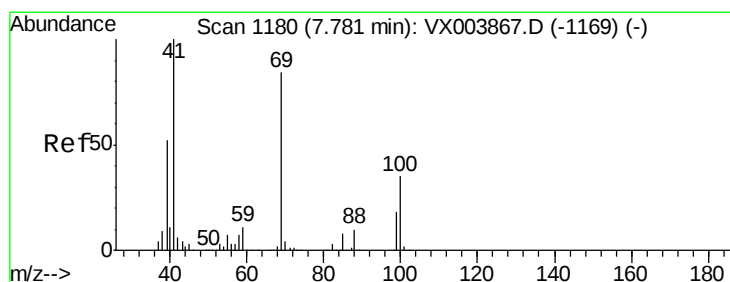
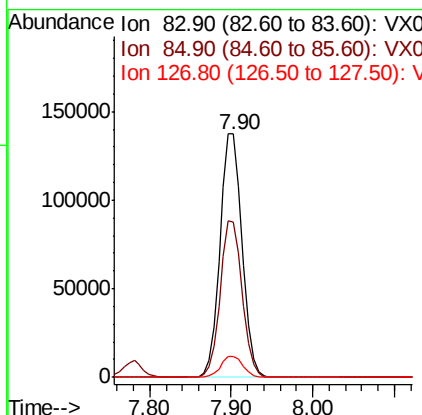
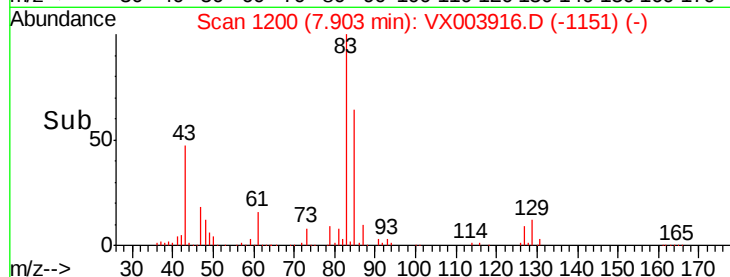
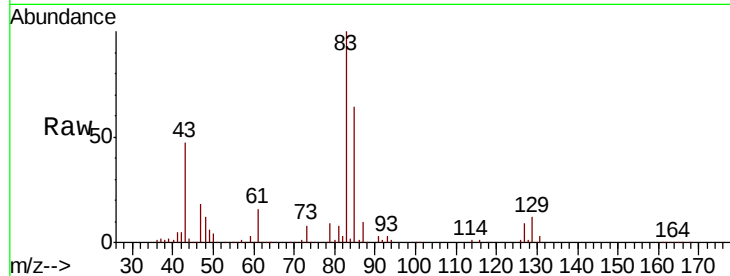
#47
 Bromodichloromethane
 Concen: 50.70 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	258028		
85	64.0		51.2	76.8
127	8.8		7.2	10.8

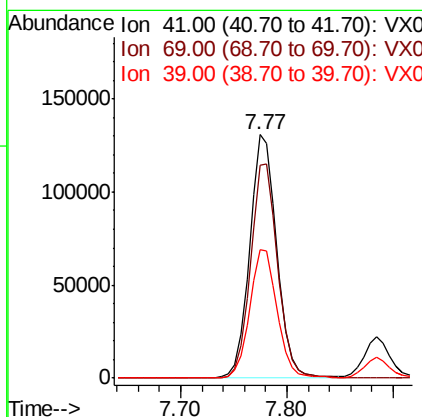
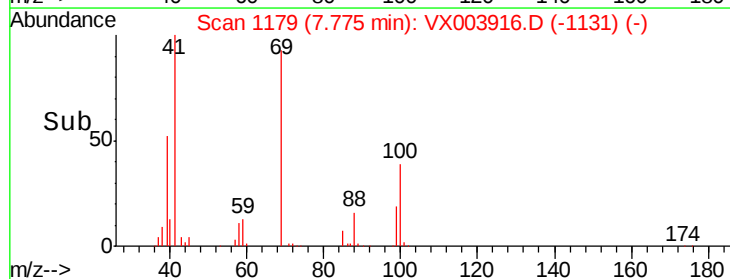
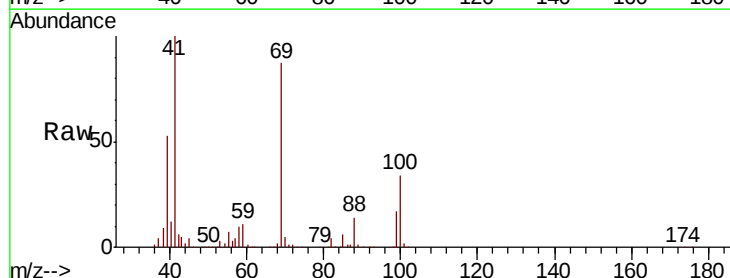
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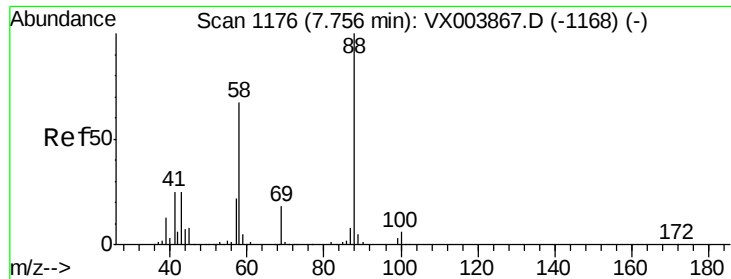
MMDadoda
 8/9/2018 10:39:27 AM



#48
 Methyl methacrylate
 Concen: 51.67 ug/l
 RT: 7.77 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	233297		
69	88.6		68.8	103.2
39	53.5		42.3	63.5





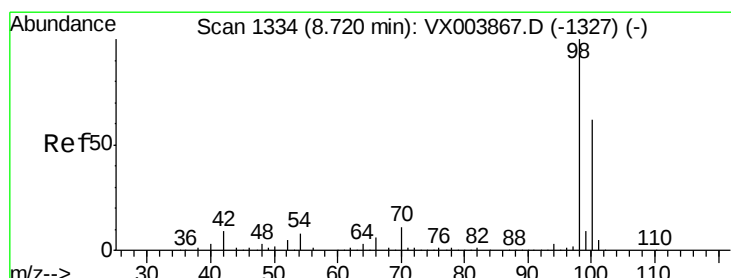
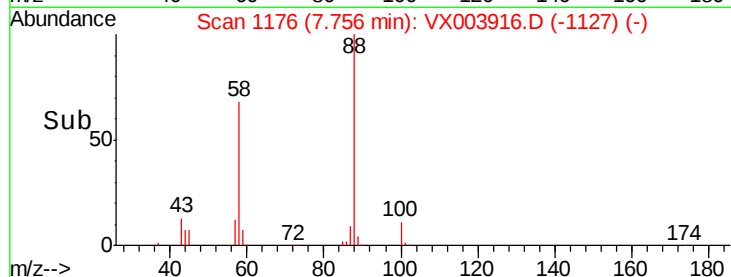
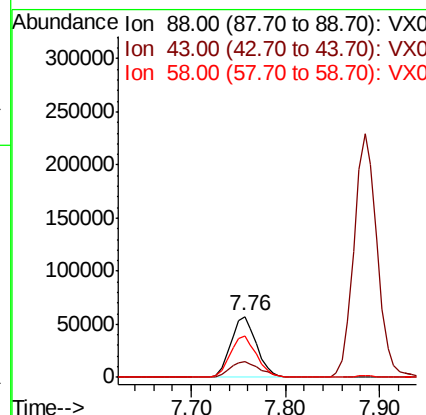
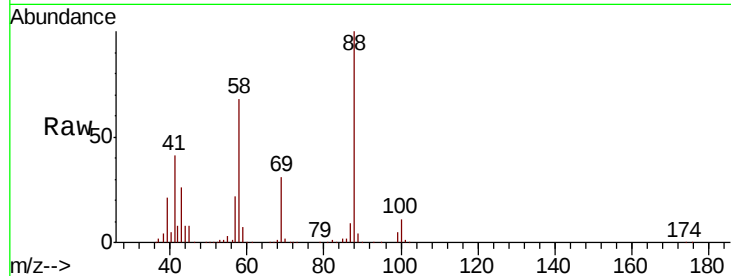
#49
1,4-Dioxane
Concen: 1017.64 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	30.3	23.8	35.8	
58	70.1	55.4	83.0	

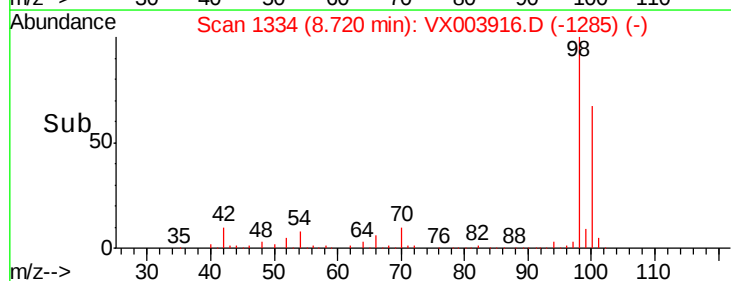
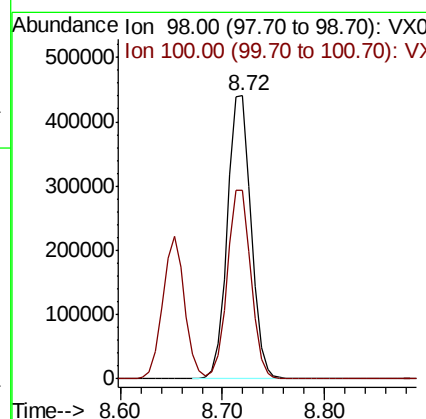
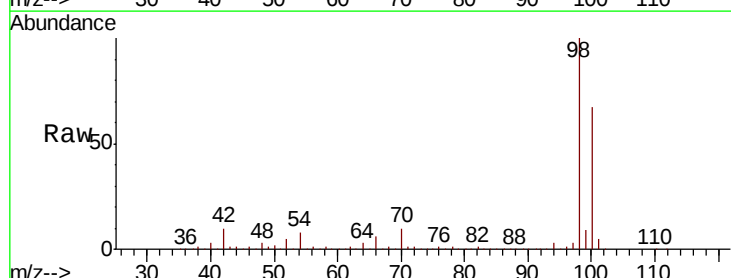
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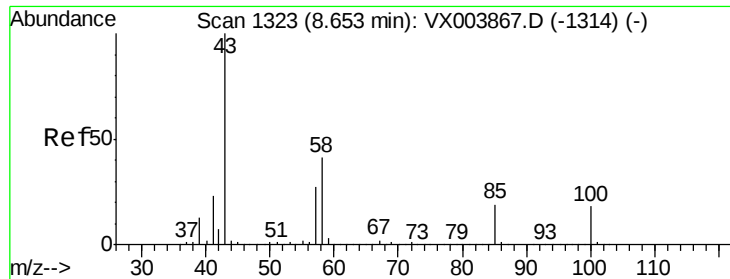
MMDadoda
8/9/2018 10:39:27 AM



#50
Toluene-d8
Concen: 50.15 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	66.9	53.3	79.9	





#51

4-Methyl-2-Pentanone

Concen: 256.05 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1885355

Ion Ratio Lower Upper

43 100

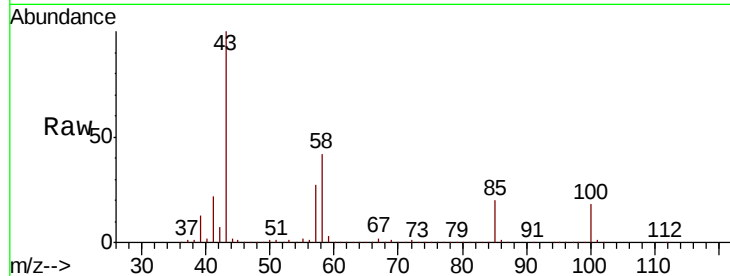
58 41.5 33.0 49.6

Manual Integrations

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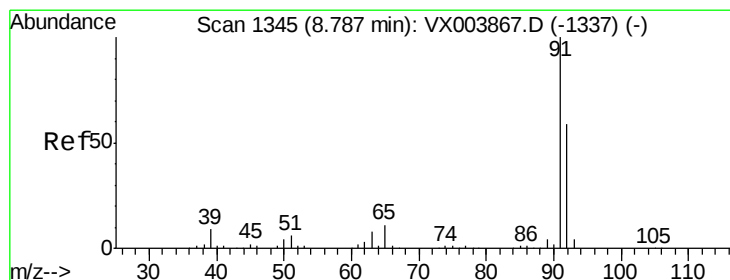
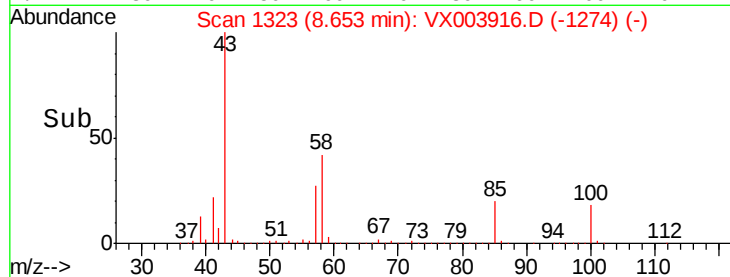
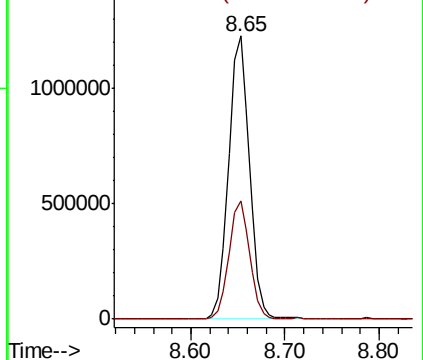
MMDadoda

8/9/2018 10:39:27 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.43 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003916.D

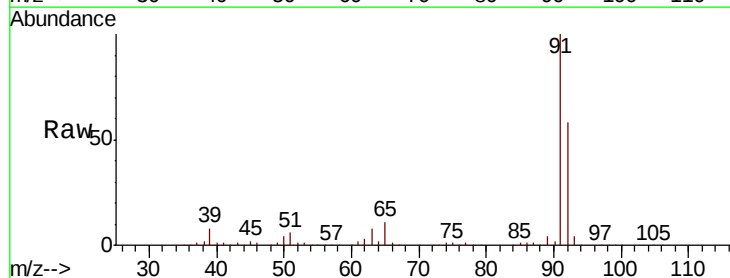
Acq: 08 Aug 2018 11:32

Tgt Ion: 92 Resp: 503277

Ion Ratio Lower Upper

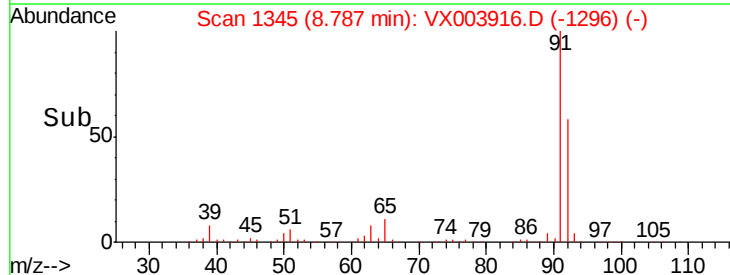
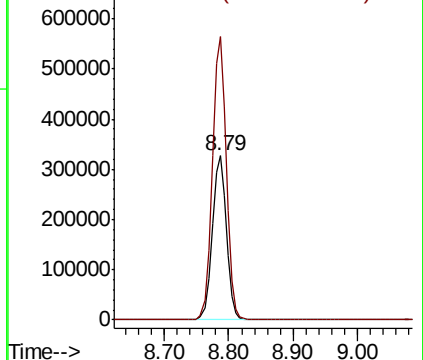
92 100

91 171.1 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





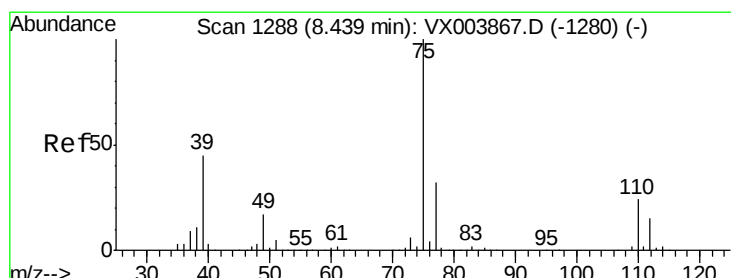
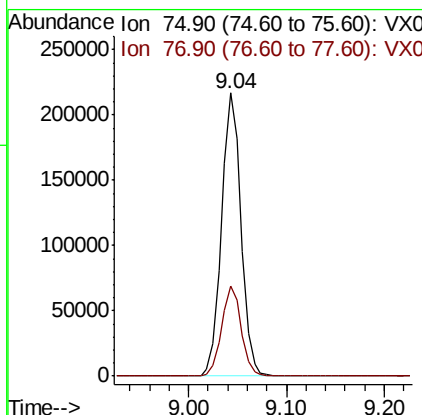
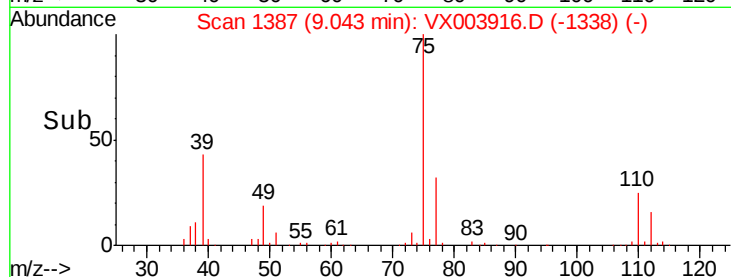
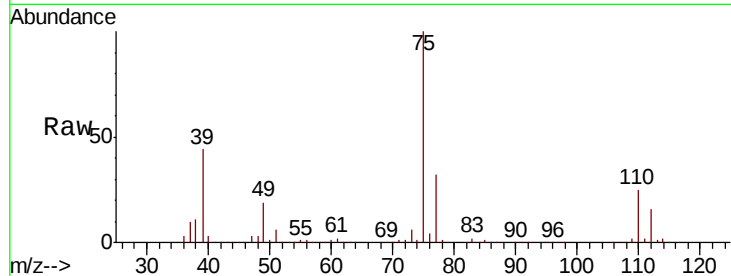
#53
 t-1,3-Dichloropropene
 Concen: 52.11 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.1	37.7

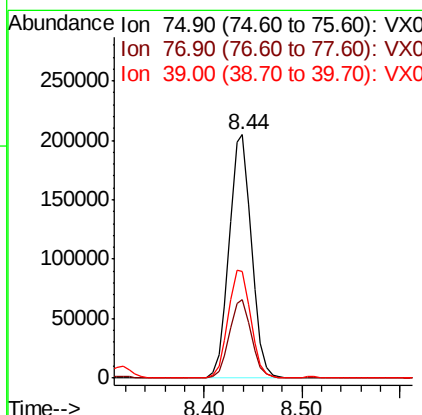
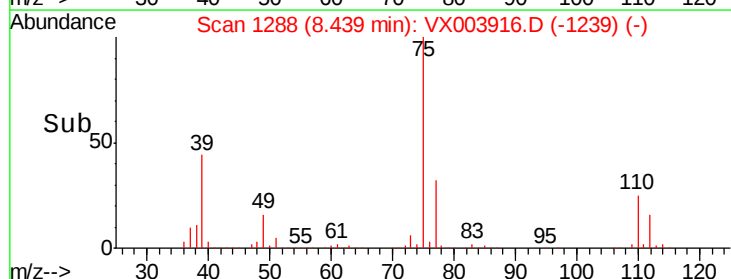
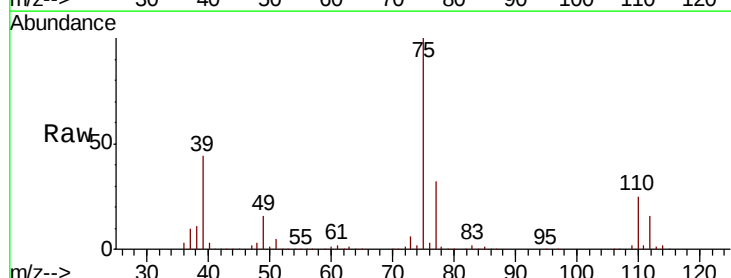
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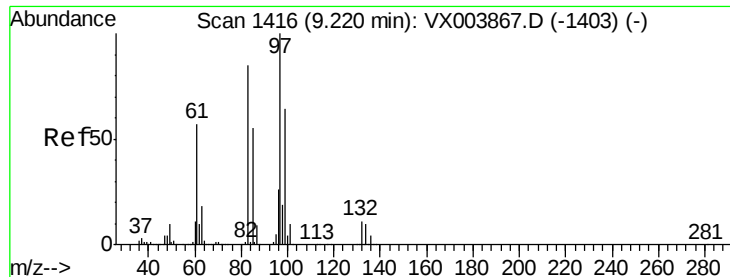
MMDadoda
 8/9/2018 10:39:27 AM



#54
 cis-1,3-Dichloropropene
 Concen: 52.21 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
39	43.9	36.2	54.2





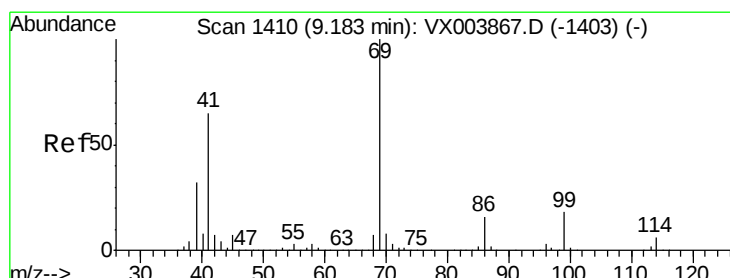
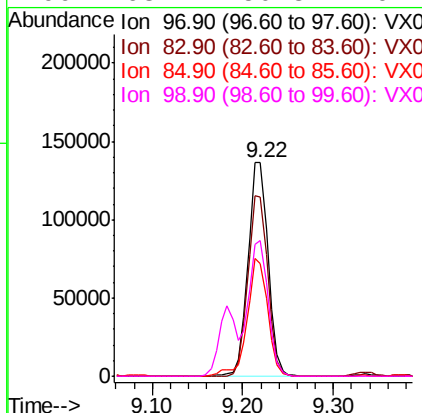
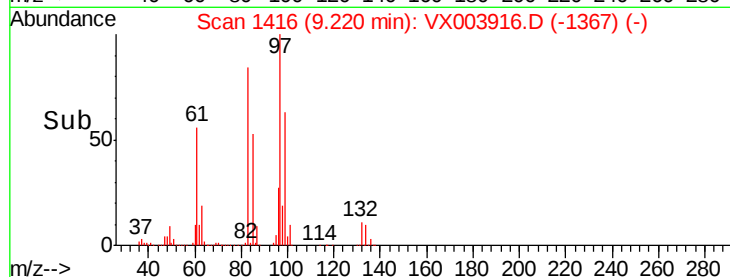
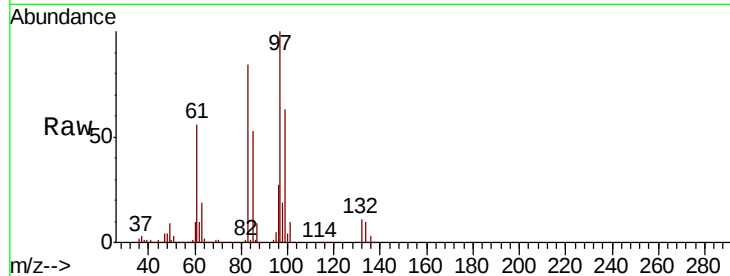
#55
 1,1,2-Trichloroethane
 Concen: 50.26 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		209114		
83	83.8	67.8	101.6		
85	52.9	44.2	66.2		
99	63.4	50.8	76.2		

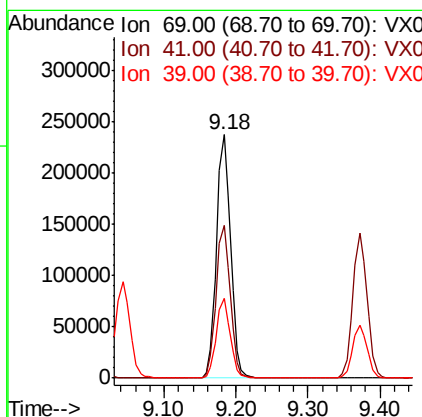
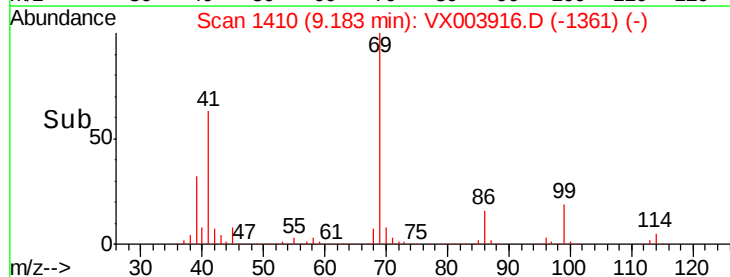
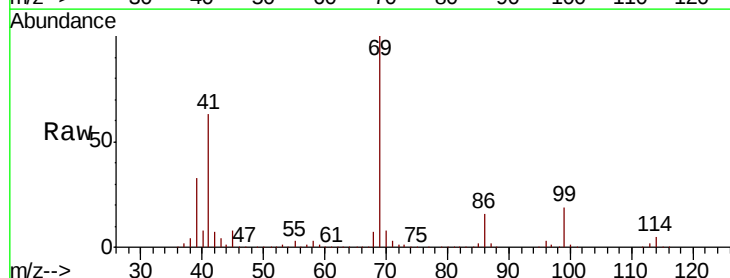
Manual Integrations
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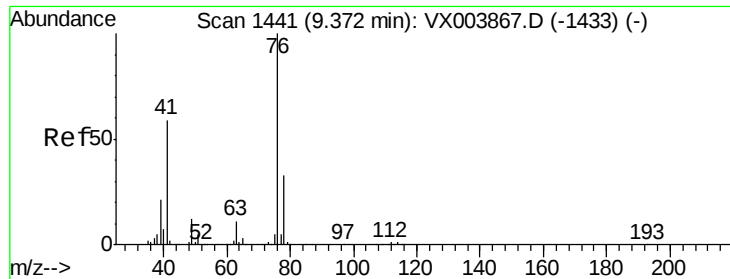
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 53.23 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		321309		
41	63.0	50.6	76.0		
39	32.2	25.8	38.6		





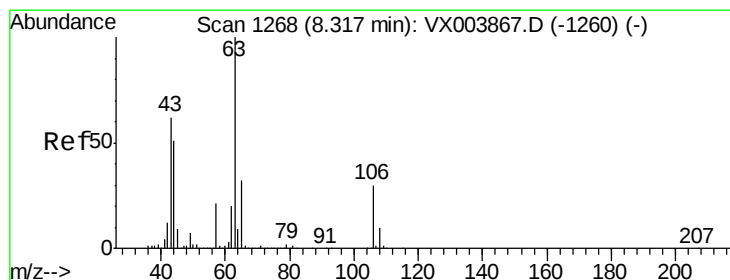
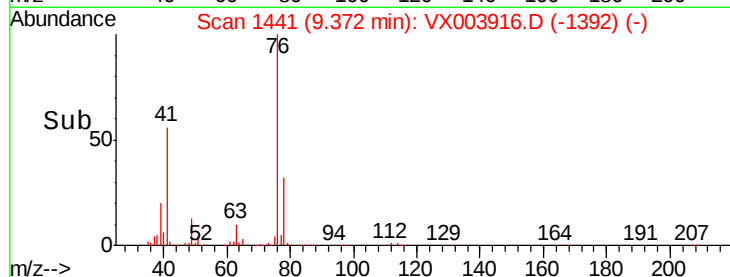
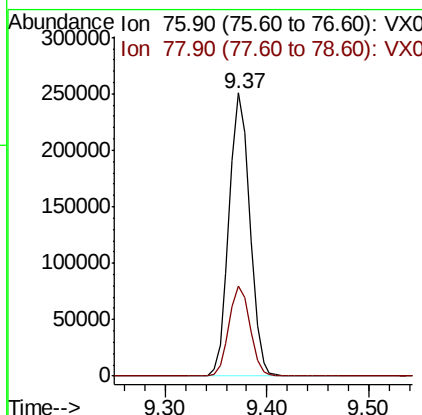
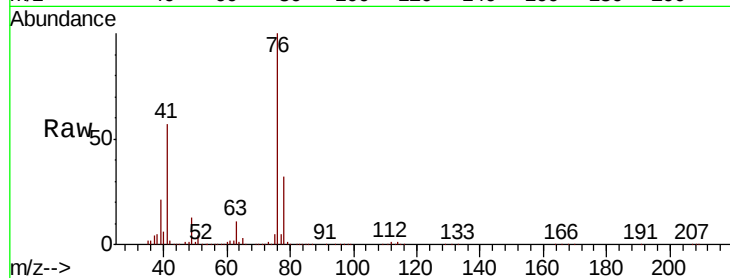
#57
 1,3-Dichloropropane
 Concen: 50.62 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9

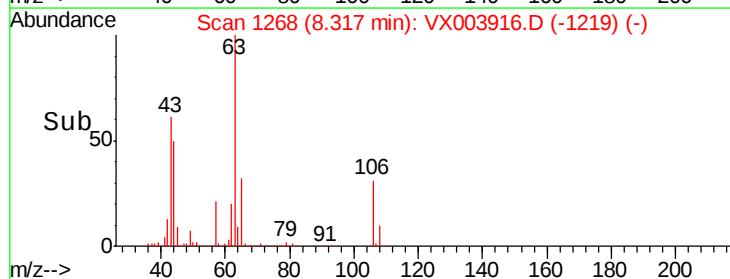
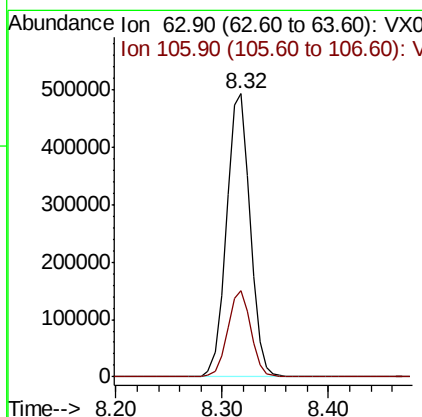
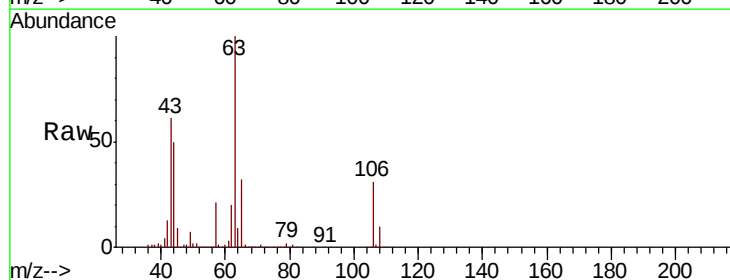
Manual Integrations
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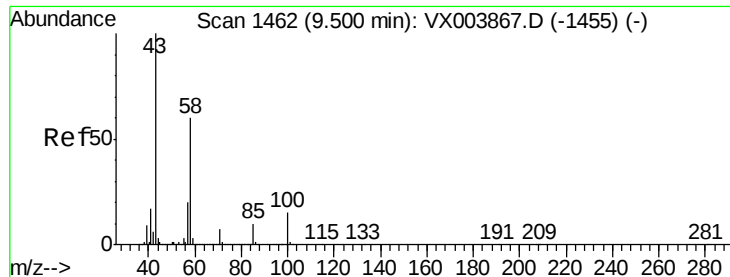
MMDadoda
 8/9/2018 10:39:27 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.84 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	23.8	35.8





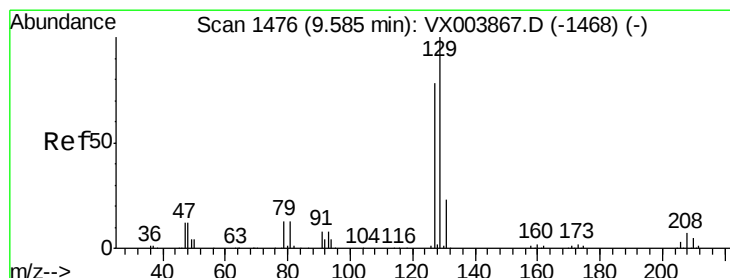
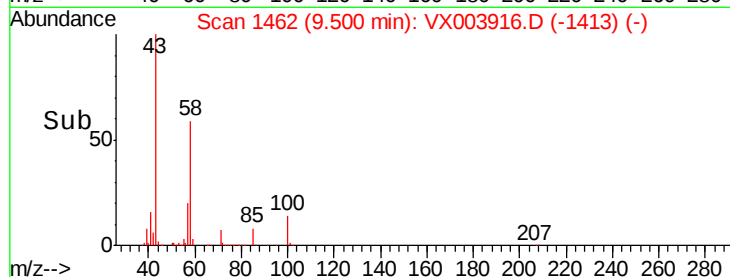
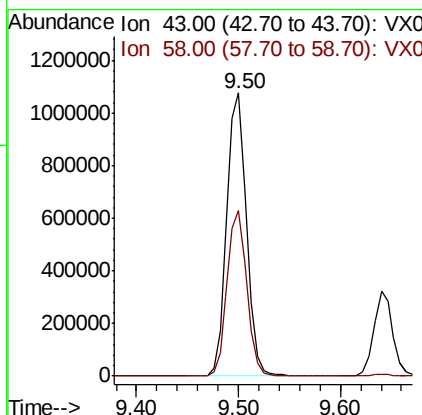
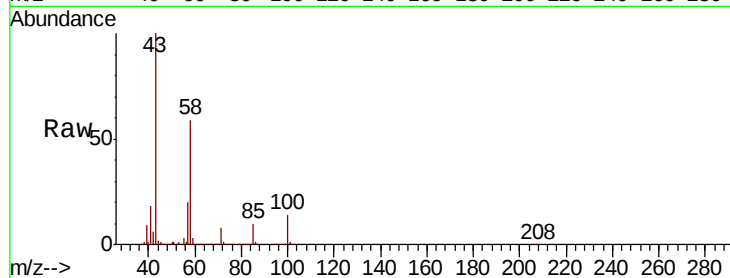
#59
2-Hexanone
Concen: 261.02 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1436630
Ion Ratio Lower Upper
43 100
58 58.4 29.0 87.0

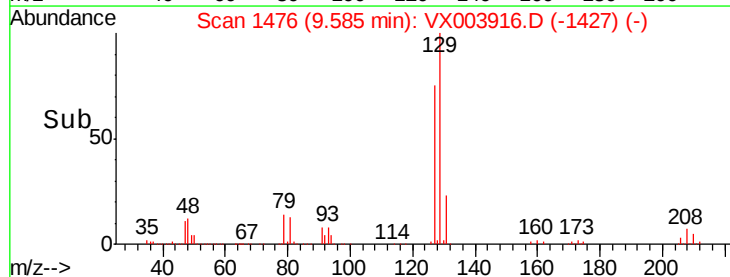
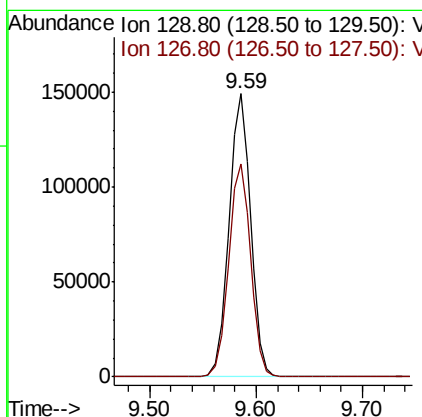
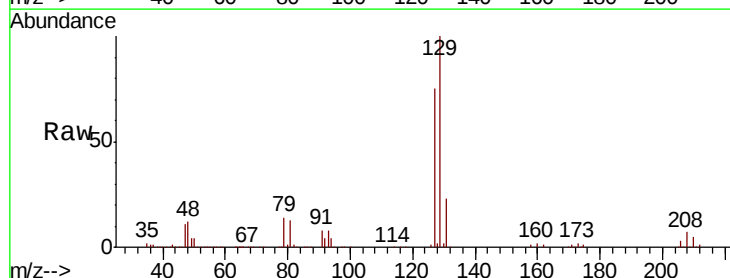
Manual Integrations
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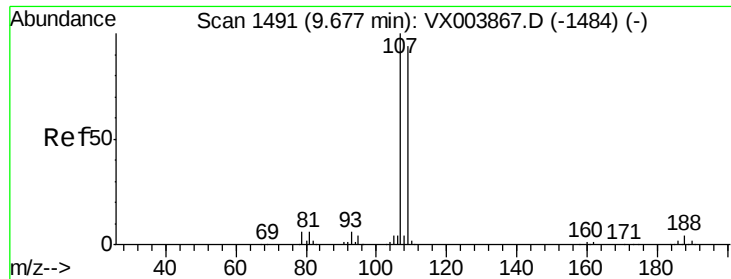
MMDadoda
8/9/2018 10:39:27 AM



#60
Dibromochloromethane
Concen: 54.72 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Tgt Ion: 129 Resp: 212275
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 52.72 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 219616

Ion Ratio Lower Upper

107 100

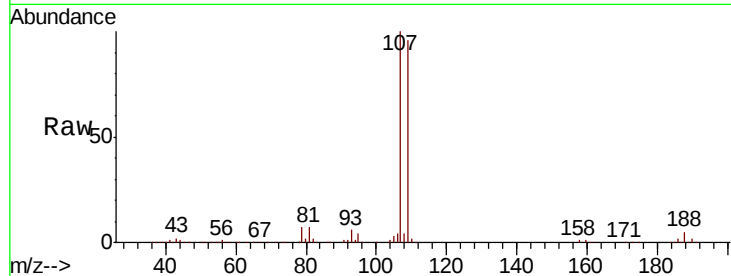
109 95.0 75.8 113.8

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

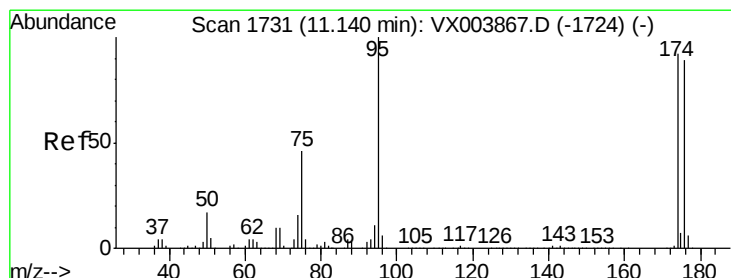
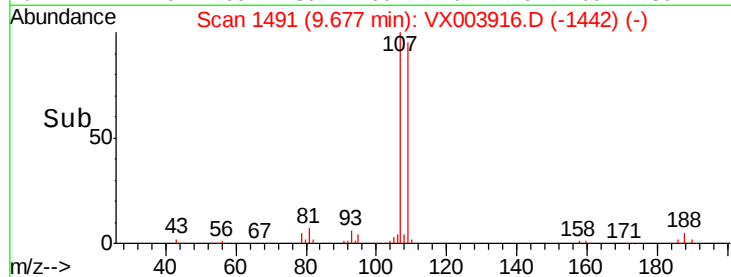
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 55.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

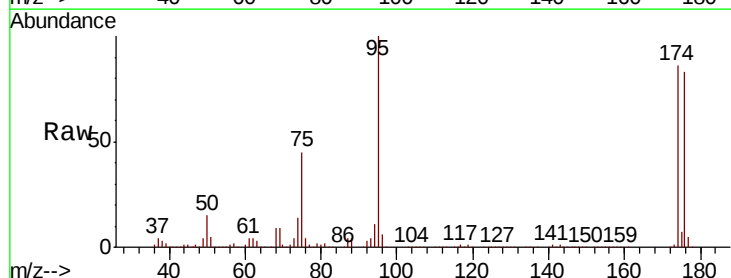
Tgt Ion: 95 Resp: 252718

Ion Ratio Lower Upper

95 100

174 89.6 0.0 182.8

176 86.9 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

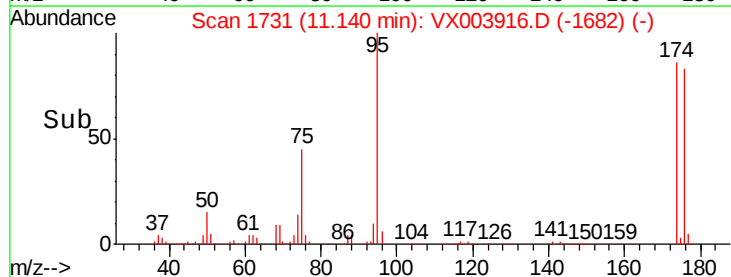
100000

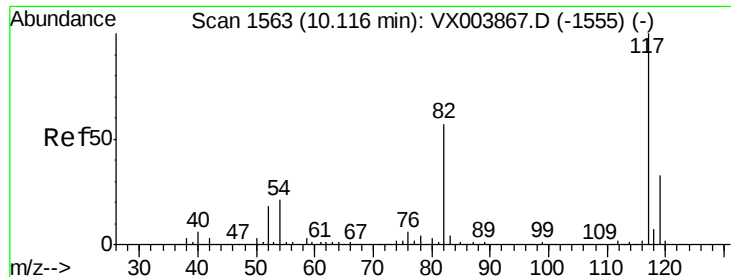
50000

0

11.10 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:117 Resp: 448343

Ion Ratio Lower Upper

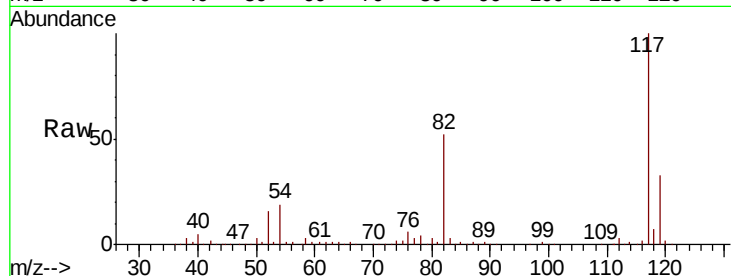
117 100

82 52.4 45.4 68.0

119 32.5 26.6 40.0

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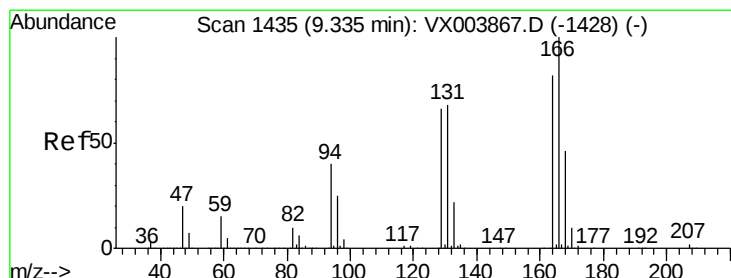
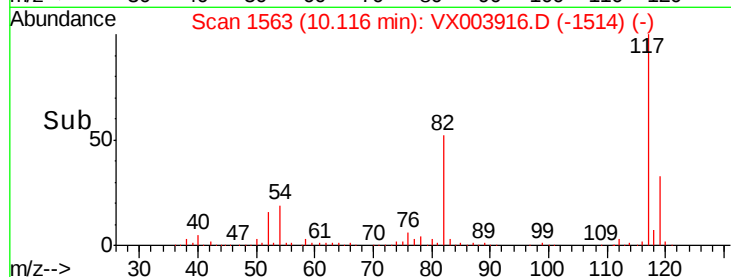
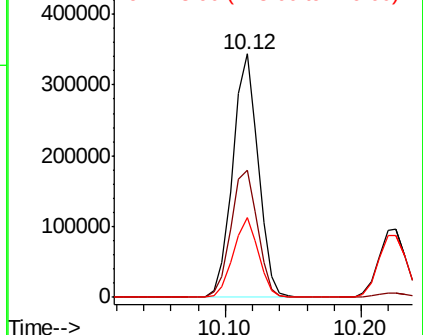
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 46.62 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Tgt Ion:164 Resp: 205623

Ion Ratio Lower Upper

164 100

166 125.8 98.0 147.0

129 87.3 64.3 96.5

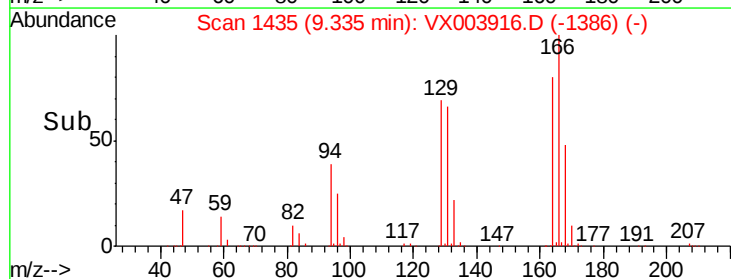
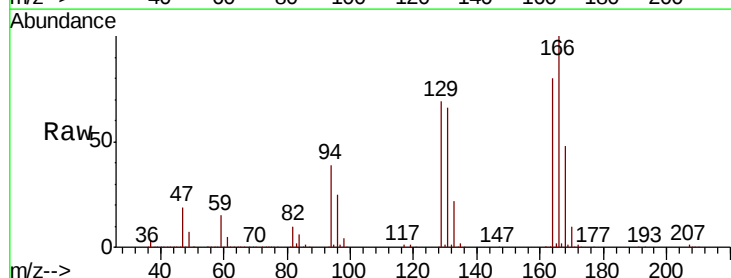
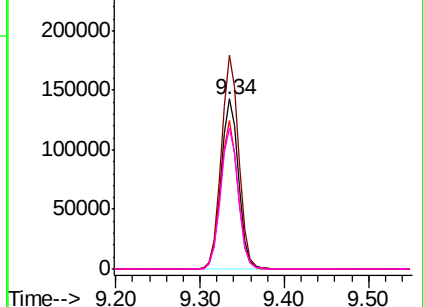
131 82.9 66.8 100.2

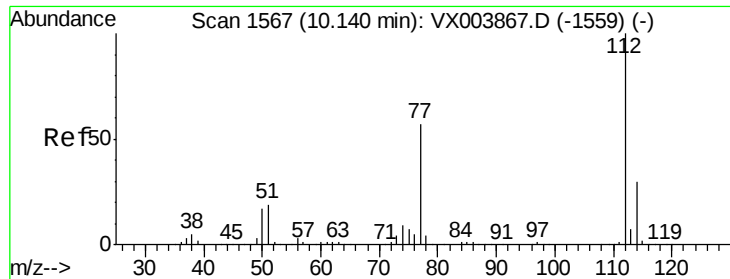
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





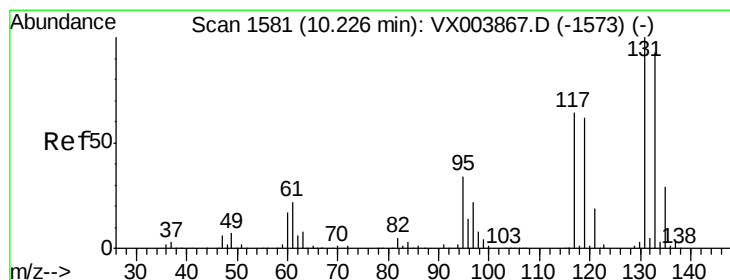
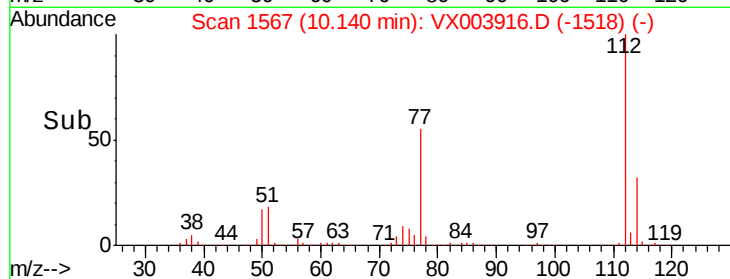
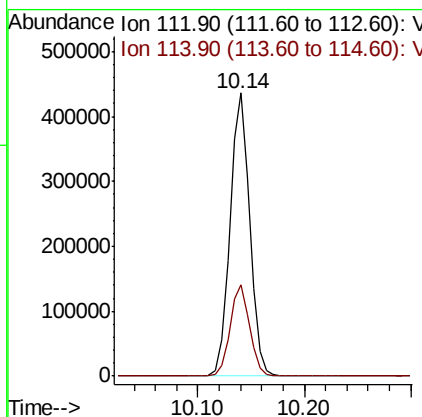
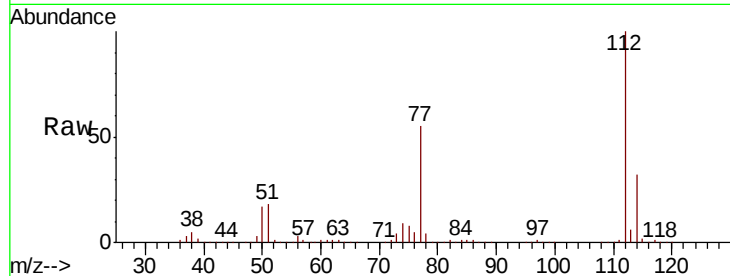
#65
Chlorobenzene
Concen: 48.50 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 565814
Ion Ratio Lower Upper
112 100
114 32.3 23.6 35.4

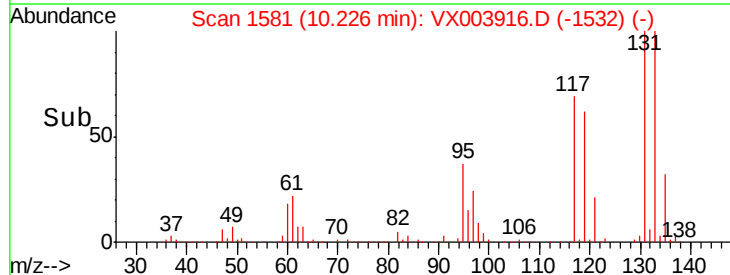
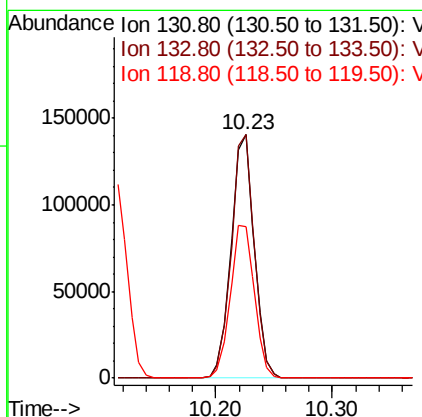
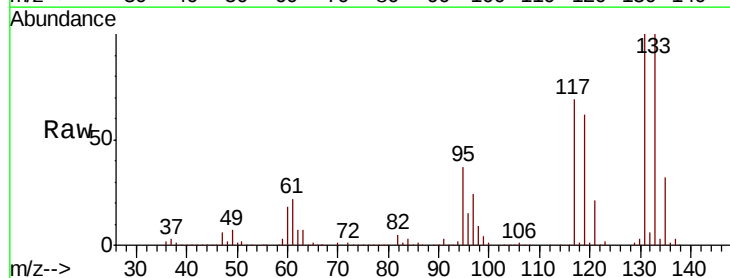
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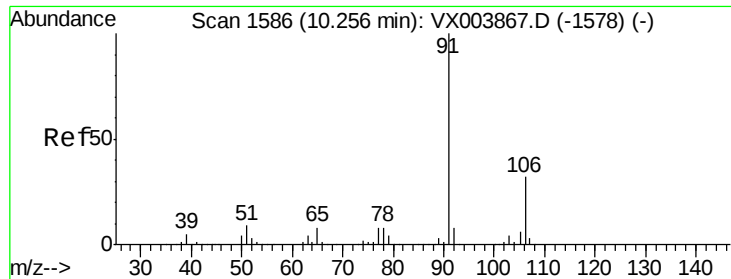
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.44 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Tgt Ion:131 Resp: 194274
Ion Ratio Lower Upper
131 100
133 99.5 47.3 141.8
119 65.6 31.6 94.8





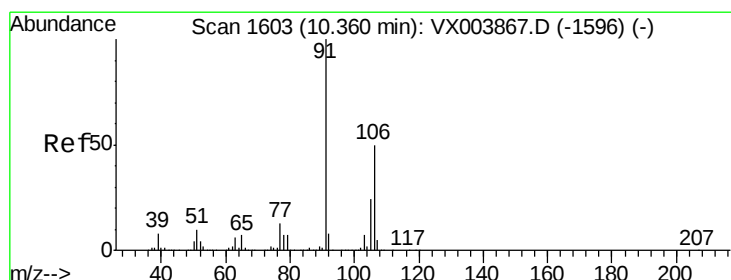
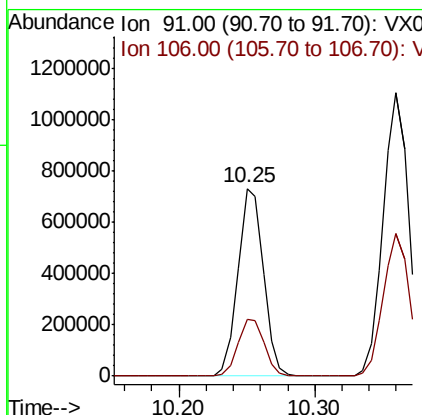
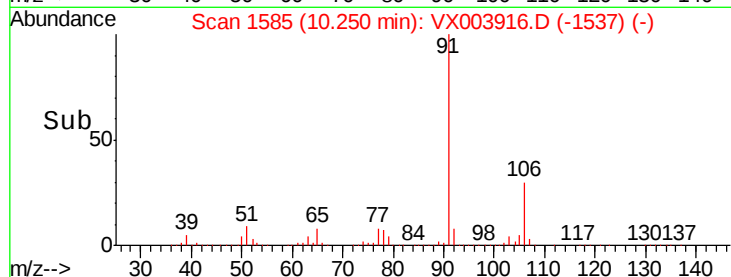
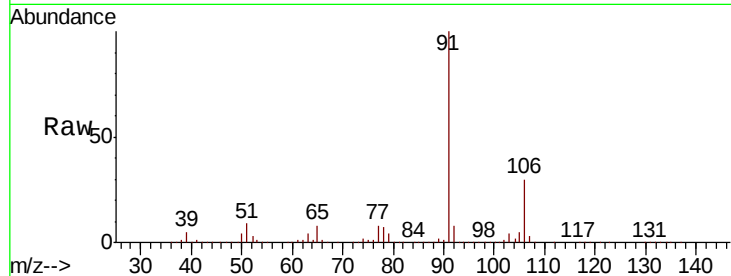
#67
Ethyl Benzene
Concen: 50.04 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 955673
Ion Ratio Lower Upper
91 100
106 30.3 25.9 38.9

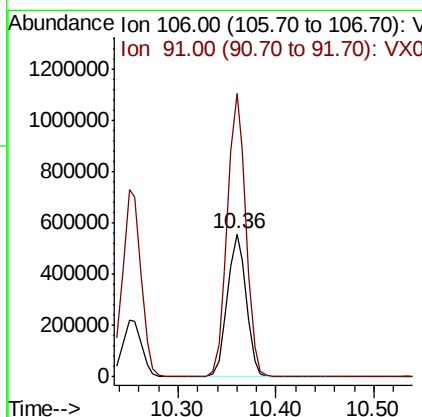
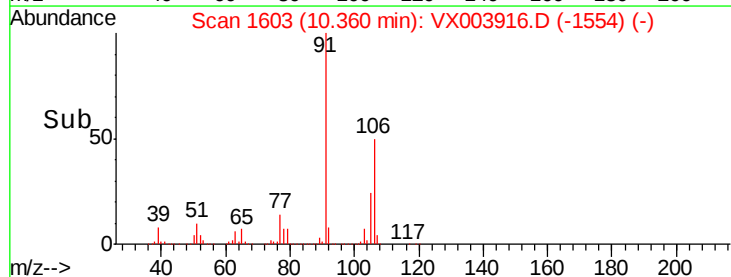
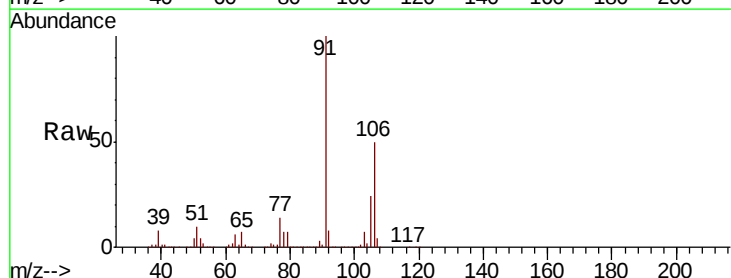
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8/9/2018 10:39:27 AM



#68
m/p-Xylenes
Concen: 99.94 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Tgt Ion: 106 Resp: 745774
Ion Ratio Lower Upper
106 100
91 195.6 162.3 243.5





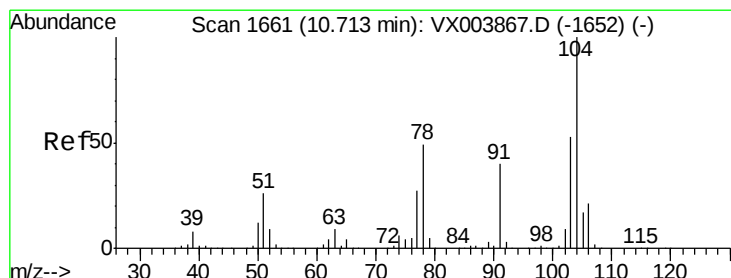
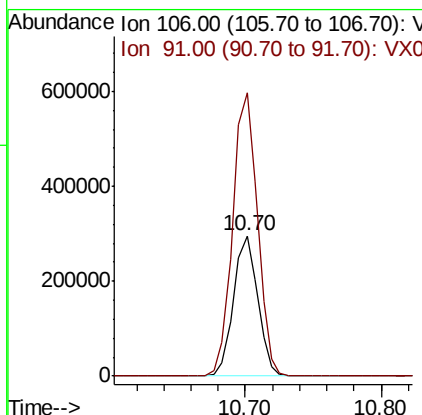
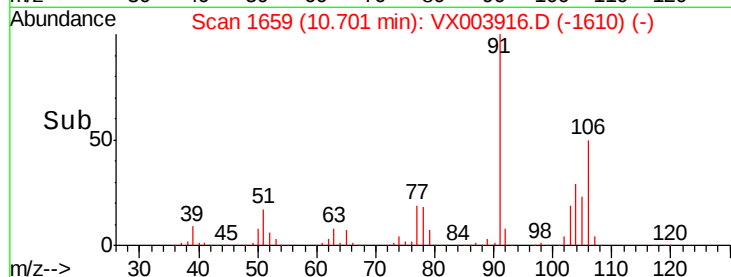
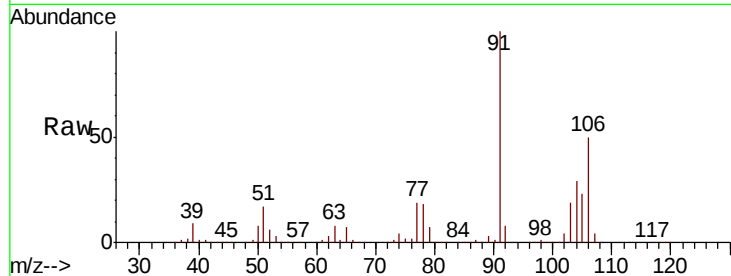
#69
o-Xylene
Concen: 52.29 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 368325
Ion Ratio Lower Upper
106 100
91 205.6 101.9 305.7

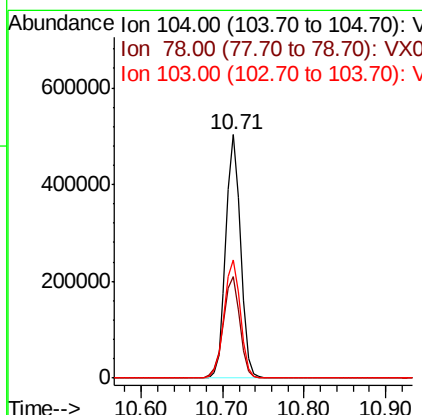
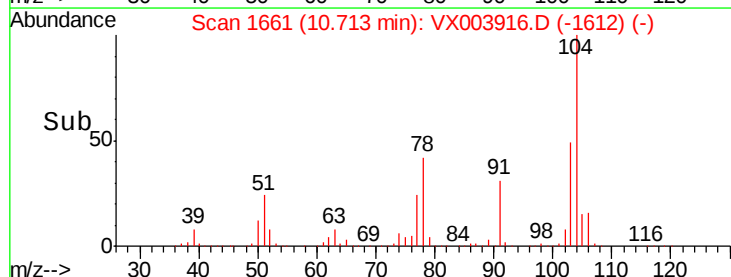
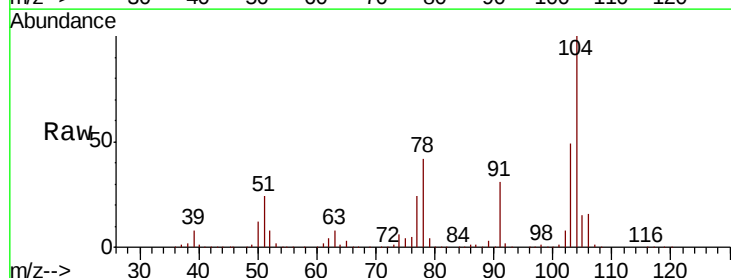
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#70
Styrene
Concen: 54.60 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Tgt Ion:104 Resp: 629713
Ion Ratio Lower Upper
104 100
78 46.7 39.8 59.6
103 53.6 44.3 66.5





#71

Bromoform

Concen: 48.29 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 163840

Ion Ratio Lower Upper

173 100

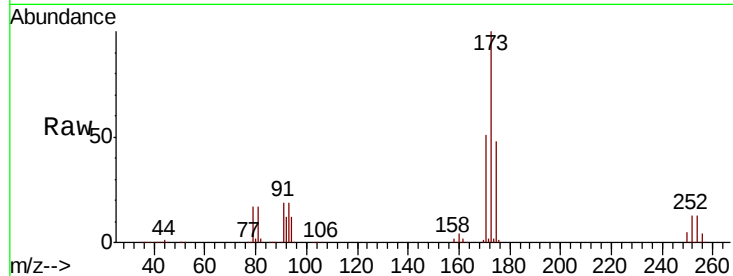
175 48.9 24.9 74.7

254 0.2 0.2 0.2

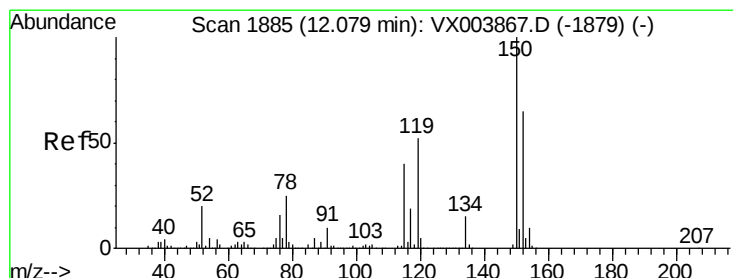
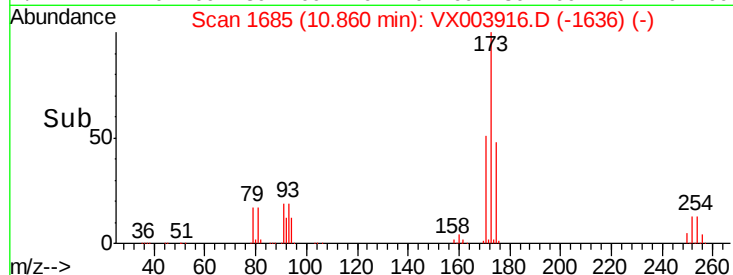
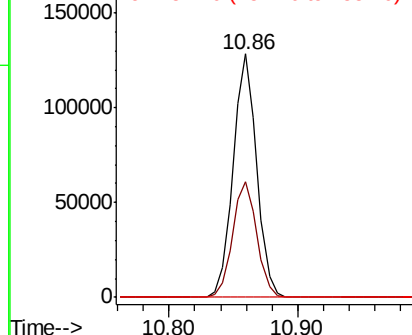
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

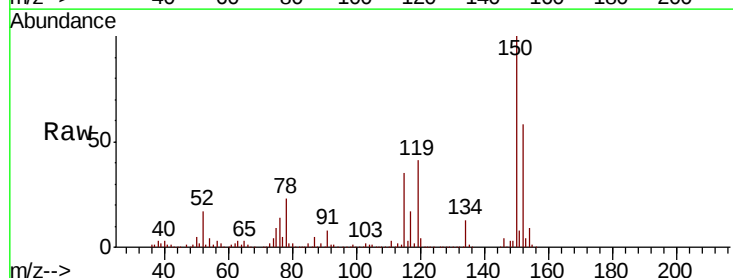
Tgt Ion:152 Resp: 262300

Ion Ratio Lower Upper

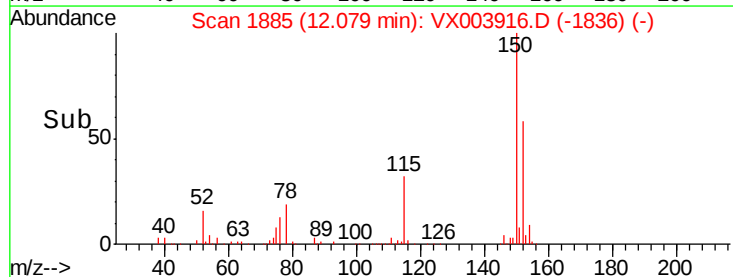
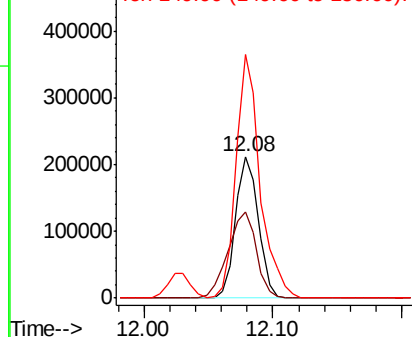
152 100

115 75.9 39.1 117.3

150 181.0 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.46 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 979123

Ion Ratio Lower Upper

105 100

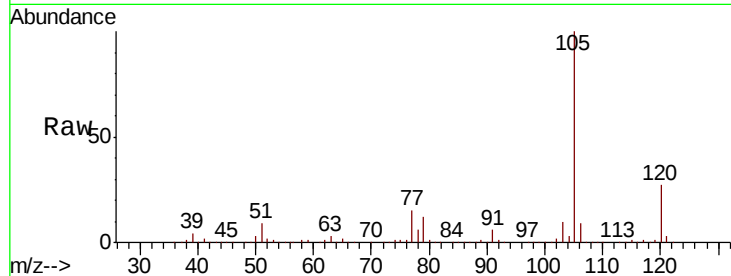
120 26.8 12.6 37.8

Manual Integrations

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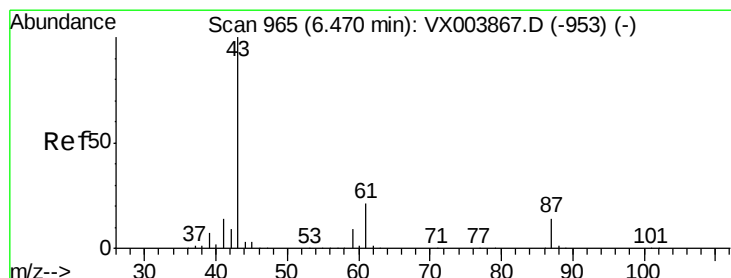
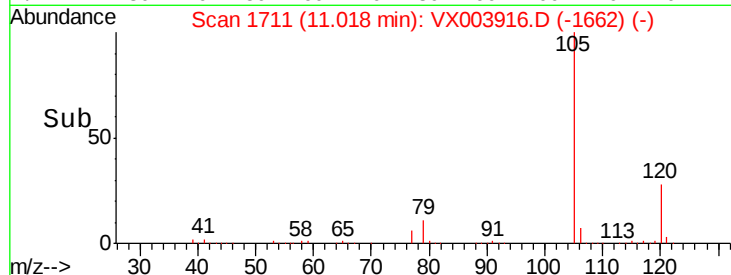
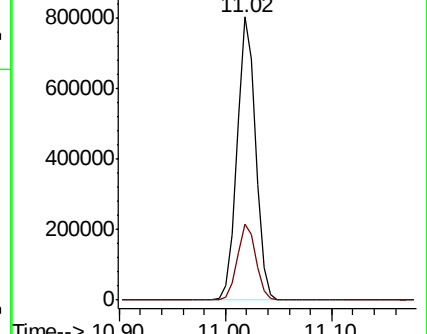
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.48 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Tgt Ion: 43 Resp: 448873

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

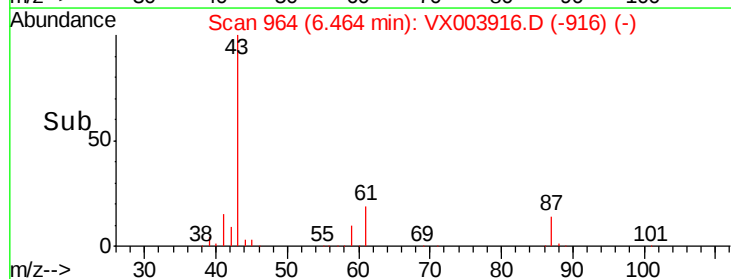
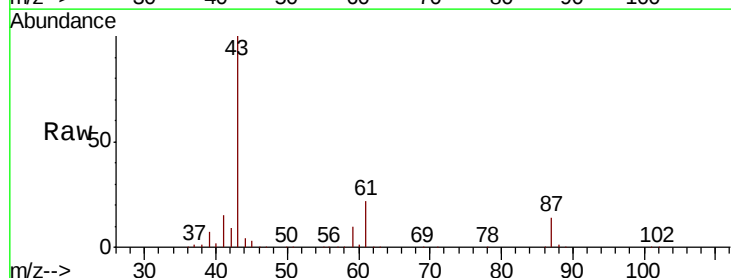
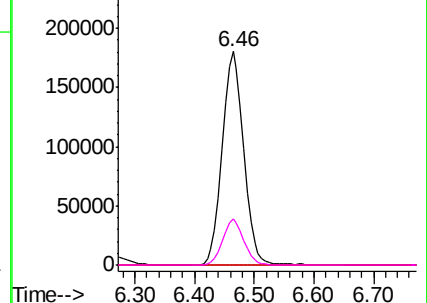
61 21.3 16.9 25.3

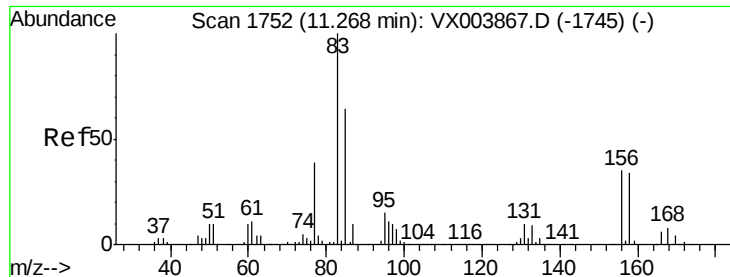
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.22 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

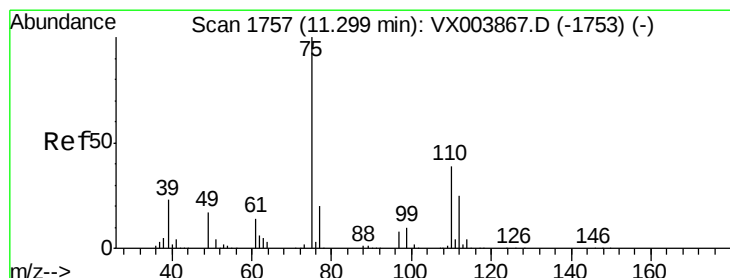
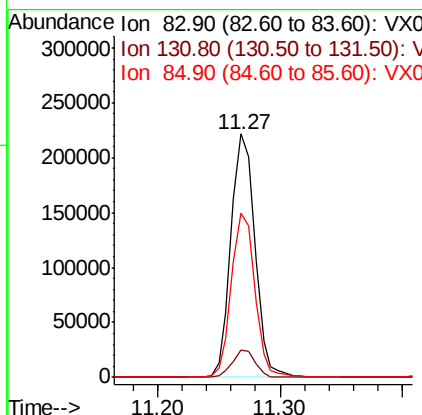
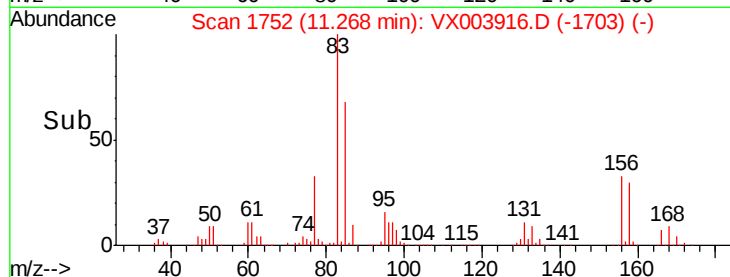
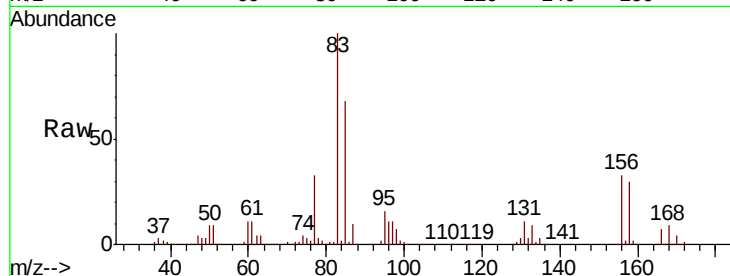
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	300764
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.2	15.6
85	66.1	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 53.13 ug/l m

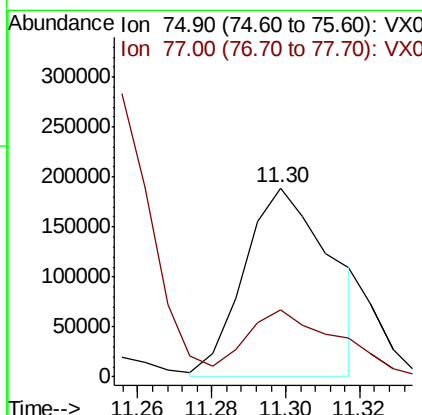
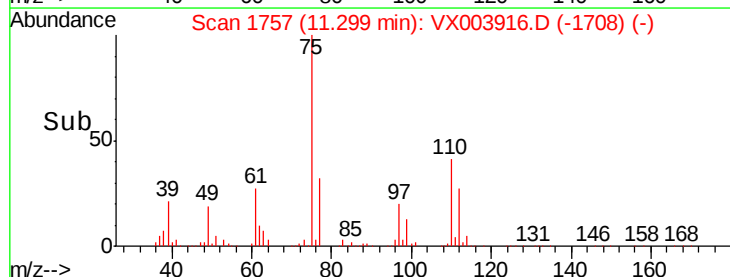
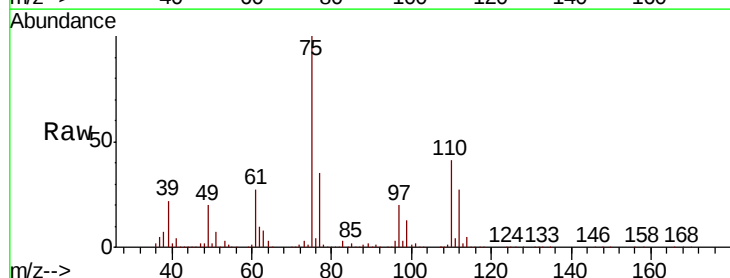
RT: 11.30 min Scan# 1757

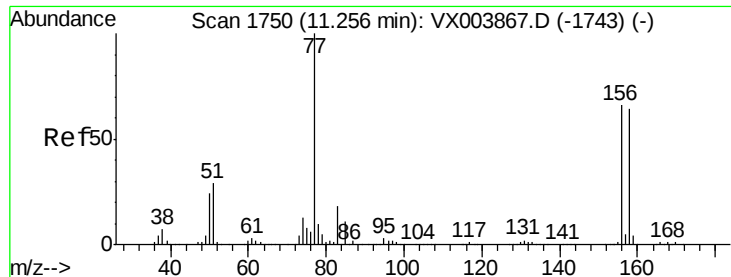
Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Tgt Ion:	75	Resp:	307835
Ion	Ratio	Lower	Upper
75	100		
77	38.0	20.8	62.5





#77

Bromobenzene

Concen: 48.49 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 250978

Ion Ratio Lower Upper

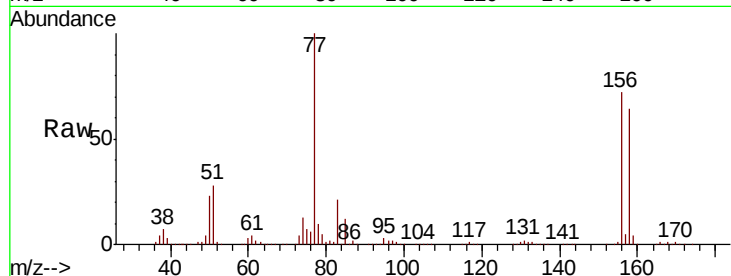
156 100

77 139.1 74.1 222.2

158 90.2 48.6 145.9

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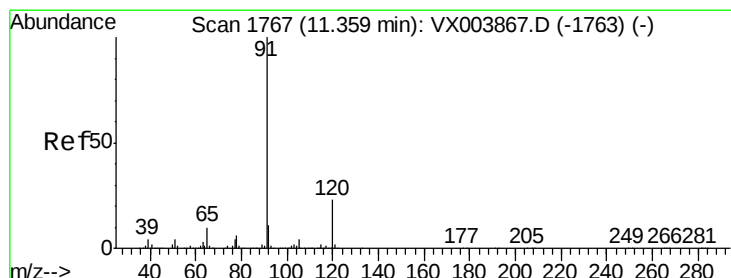
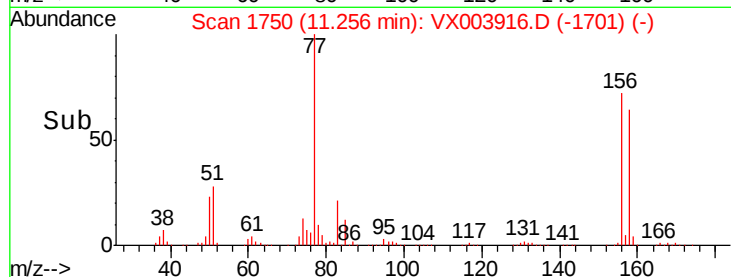
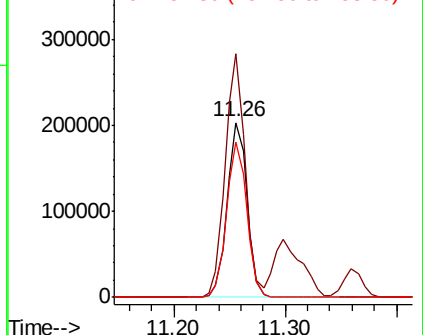
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.81 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003916.D

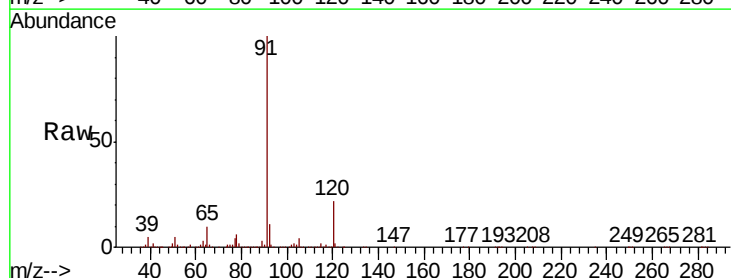
Acq: 08 Aug 2018 11:32

Tgt Ion: 91 Resp: 1041630

Ion Ratio Lower Upper

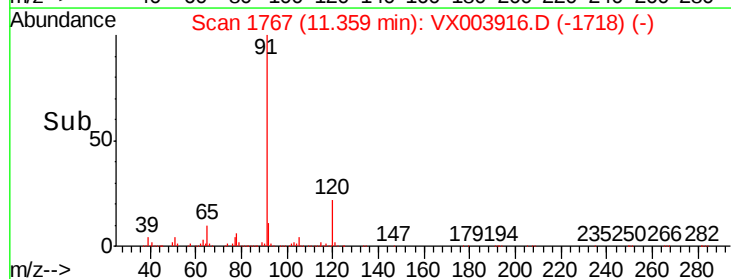
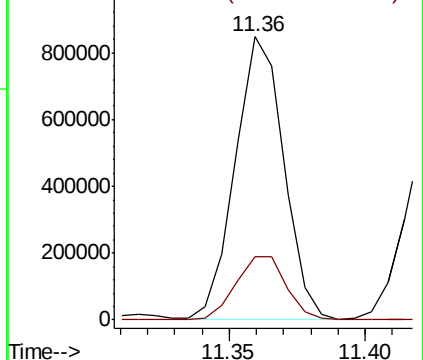
91 100

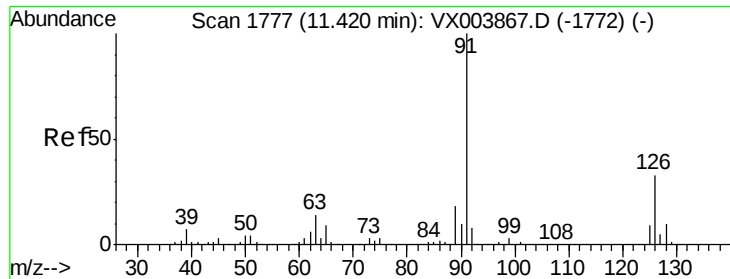
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.48 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 630760

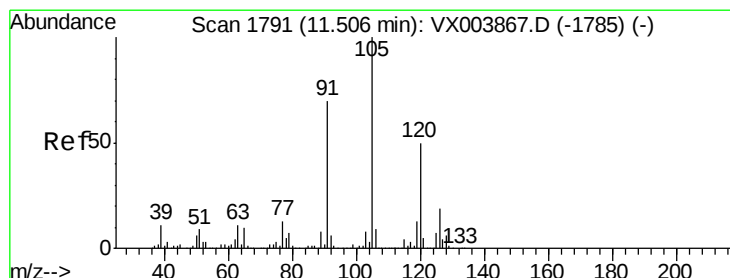
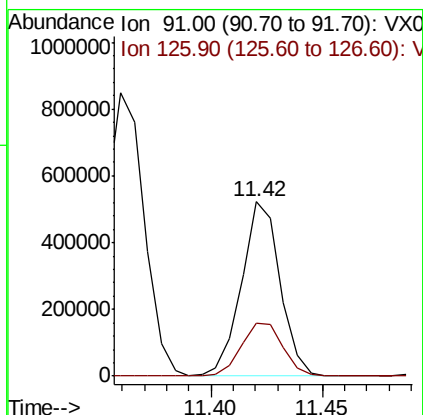
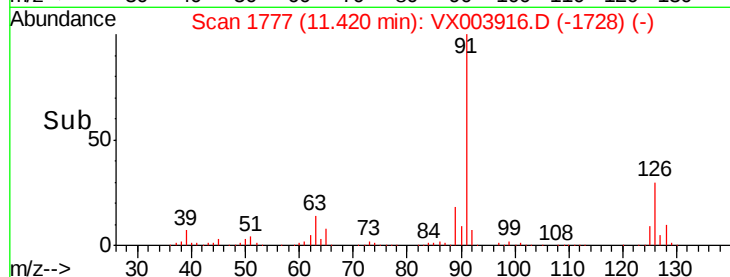
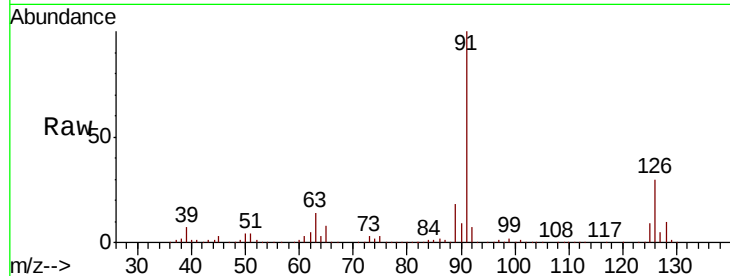
Ion Ratio Lower Upper

91 100

126 33.1 17.4 52.3

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 48.72 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003916.D

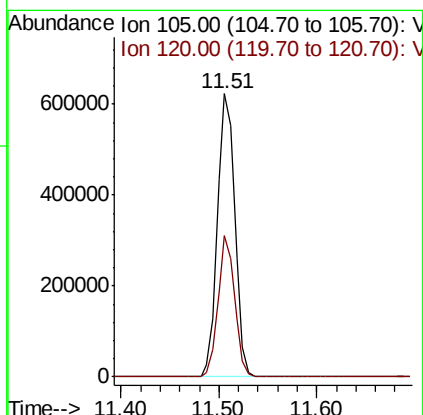
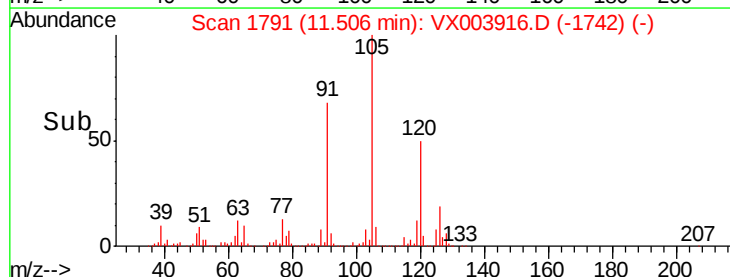
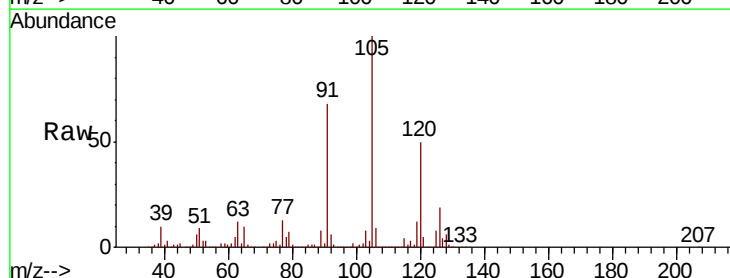
Acq: 08 Aug 2018 11:32

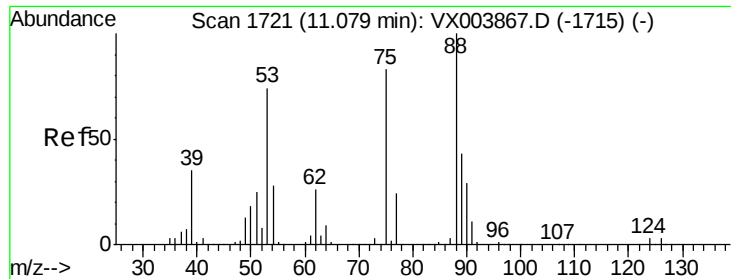
Tgt Ion: 105 Resp: 770889

Ion Ratio Lower Upper

105 100

120 47.3 25.4 76.2





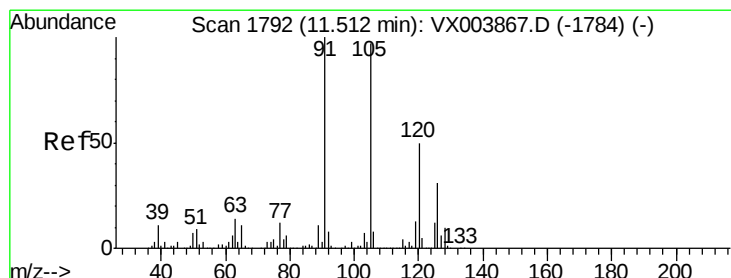
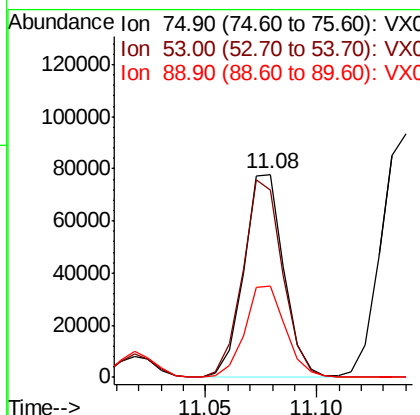
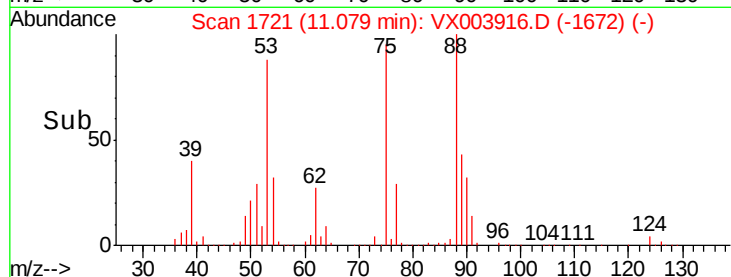
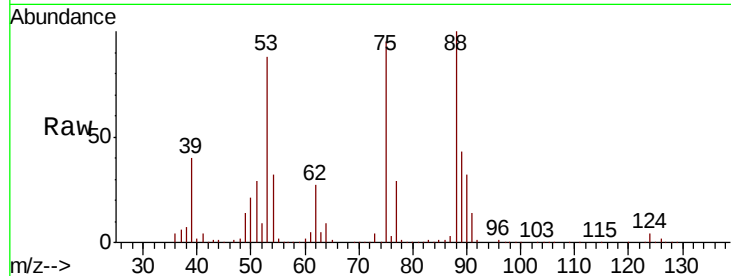
#81
trans-1,4-Dichloro-2-butene
Concen: 45.71 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.6	80.3	120.5
89	46.3	37.8	56.8

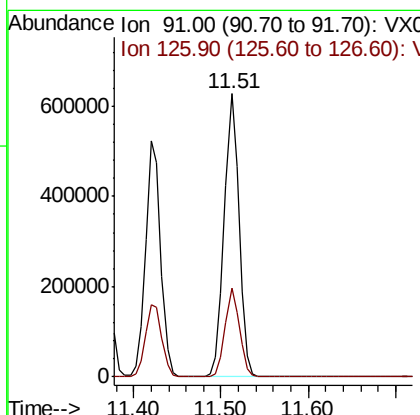
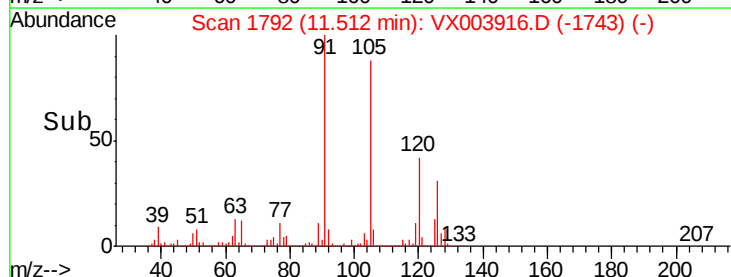
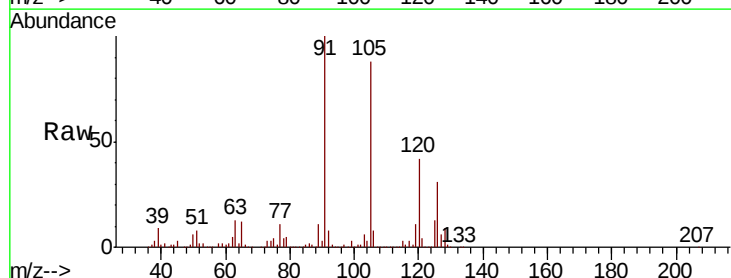
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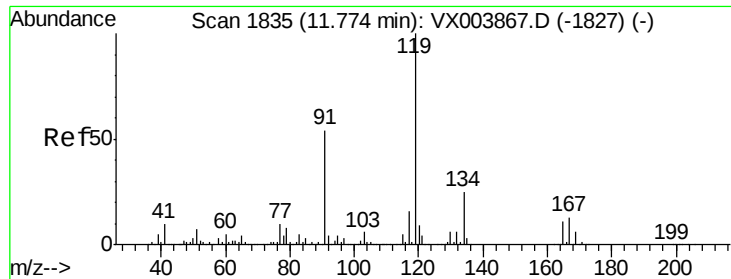
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#82
4-Chlorotoluene
Concen: 47.02 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.6	46.7





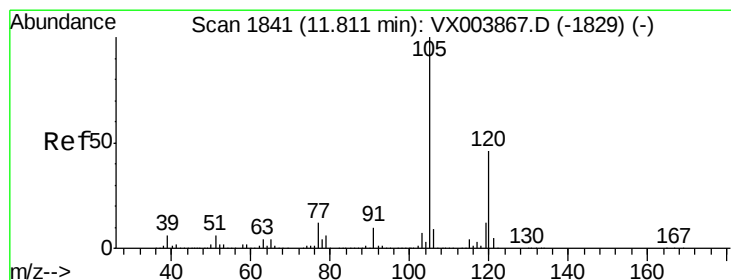
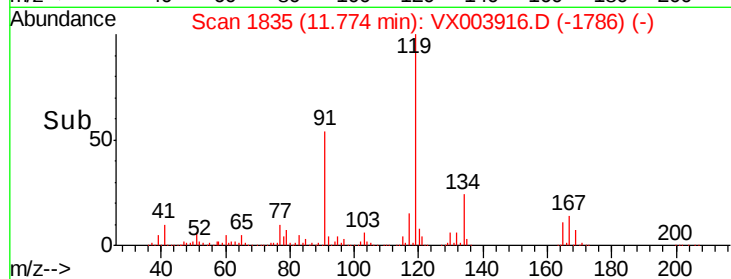
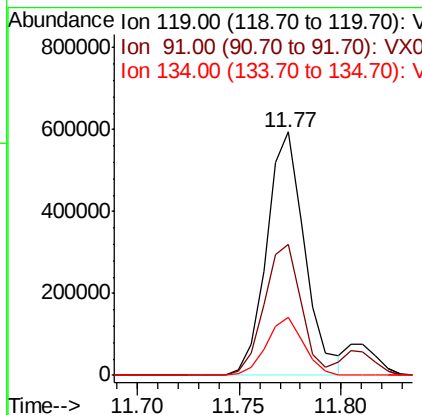
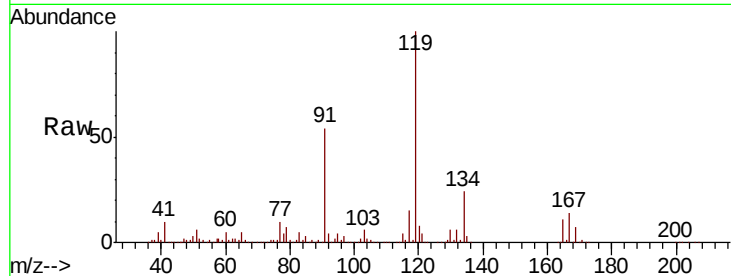
#83
 tert-Butylbenzene
 Concen: 49.60 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	772081		
91	52.4	26.9	80.7	
134	23.1	12.0	36.0	

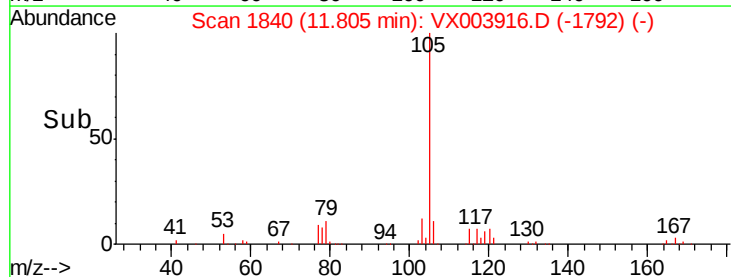
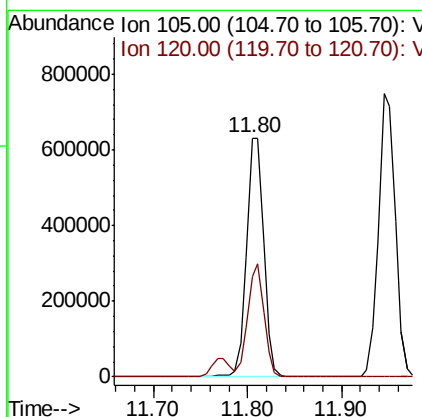
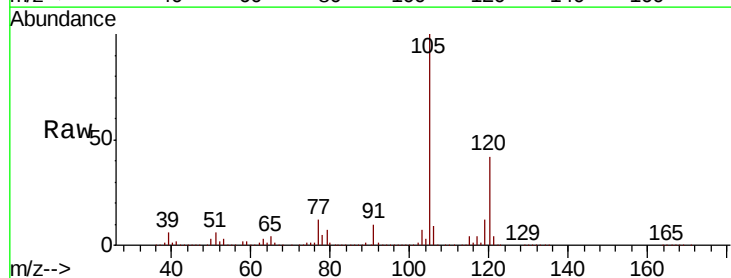
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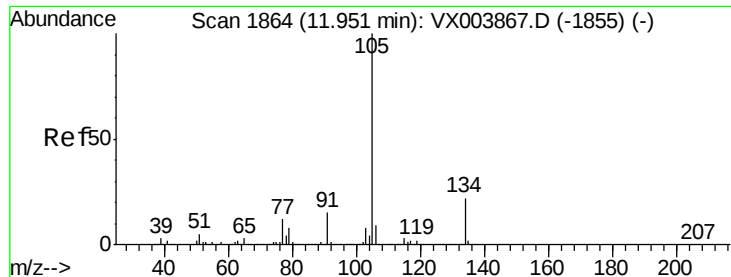
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.24 ug/l
 RT: 11.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	799197		
120	45.1	23.1	69.2	





#85

sec-Butylbenzene

Concen: 50.23 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 922775

Ion Ratio Lower Upper

105 100

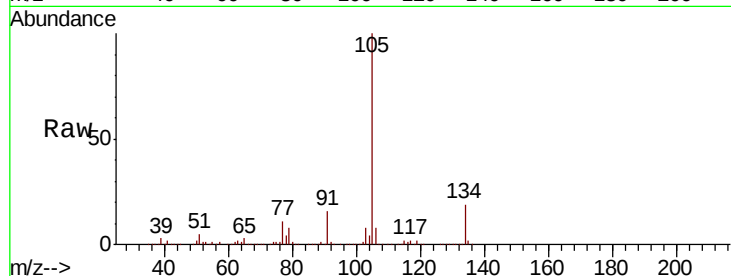
134 20.4 10.3 30.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

200000

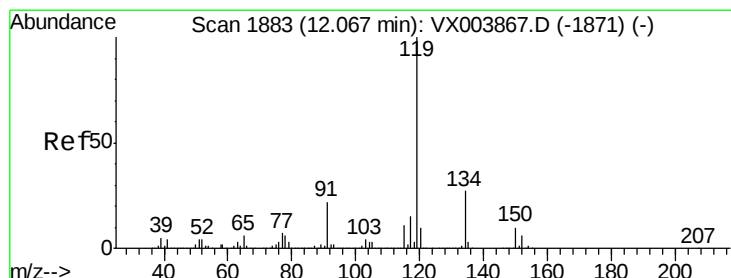
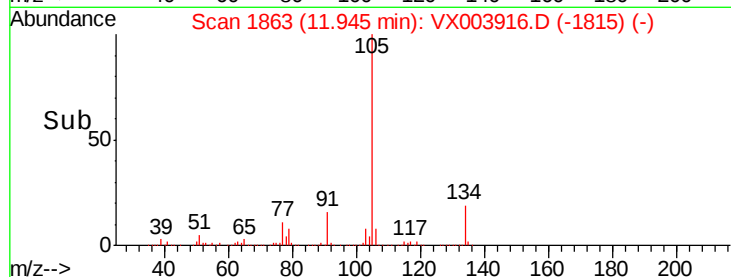
0

11.90

11.94

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 48.74 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

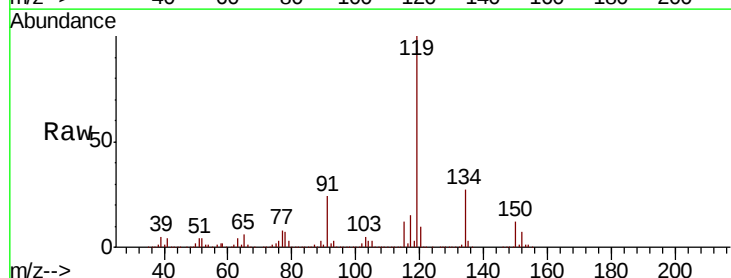
Tgt Ion:119 Resp: 803391

Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 22.5 10.9 32.7



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

800000

600000

400000

200000

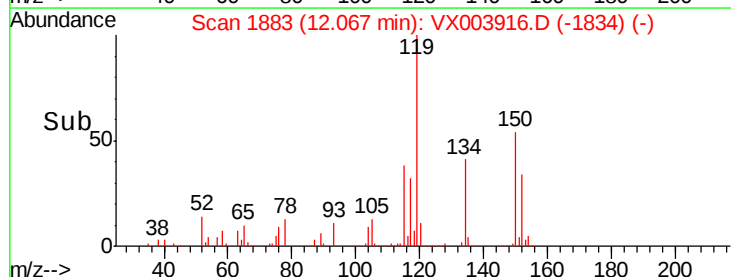
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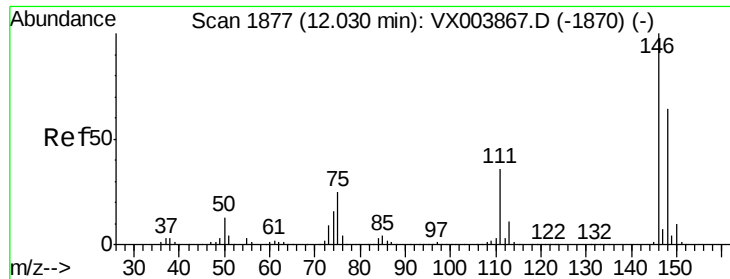
12.00

12.07

12.10

Time-->





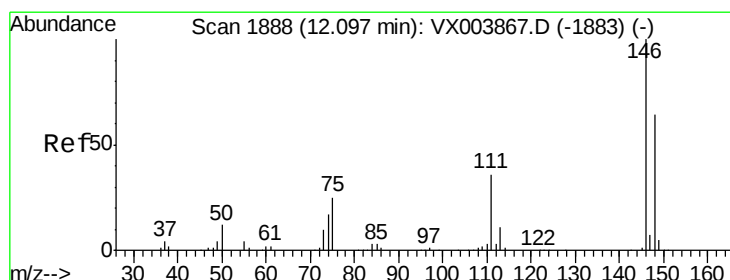
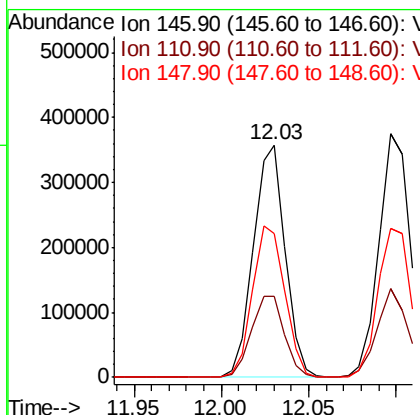
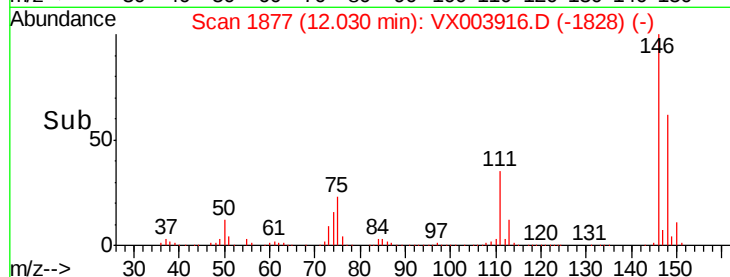
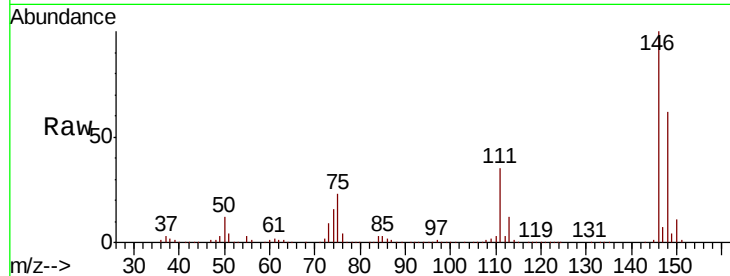
#87
 1,3-Dichlorobenzene
 Concen: 47.20 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.8	56.4
148	66.2	31.9	95.5

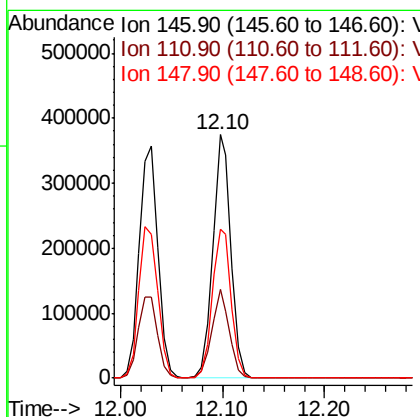
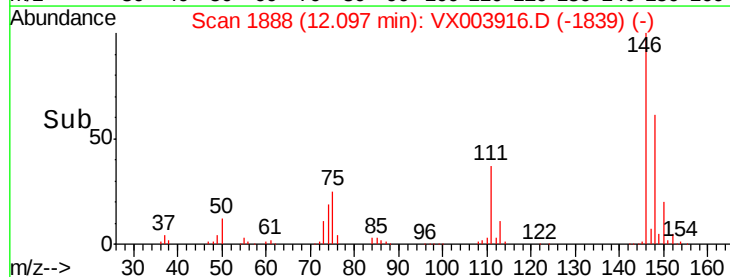
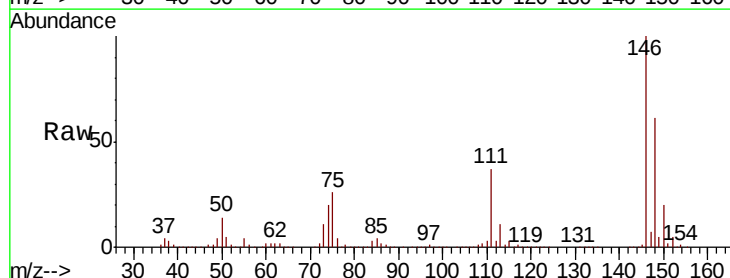
Manual Integrations
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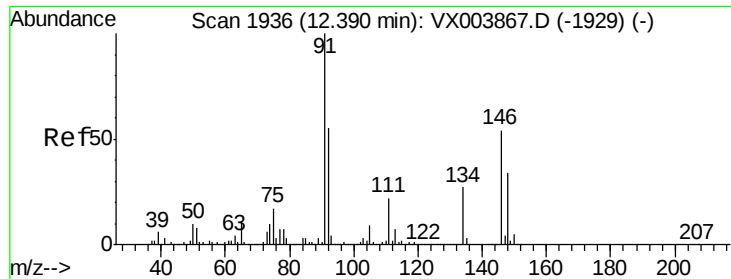
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#88
 1,4-Dichlorobenzene
 Concen: 50.81 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	18.4	55.0
148	64.1	32.3	96.8





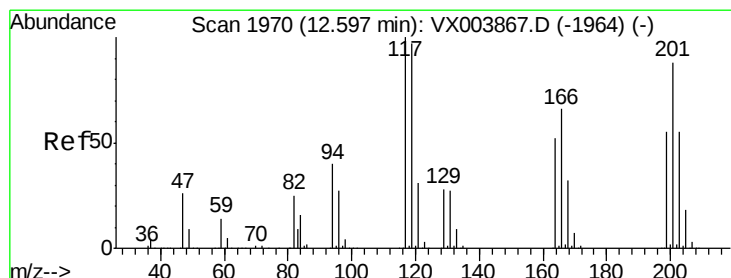
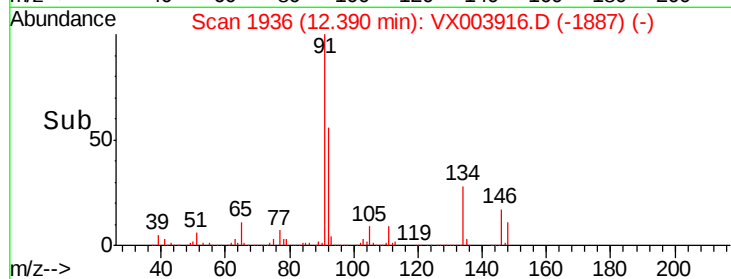
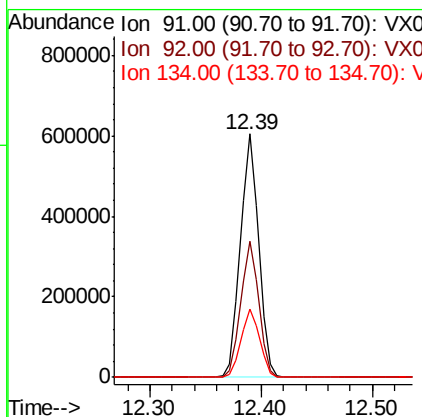
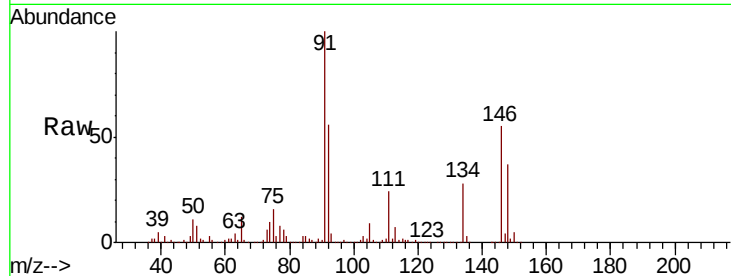
#89
n-Butylbenzene
Concen: 48.21 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	692418		
92	54.8	27.1	81.3	
134	28.1	13.6	40.7	

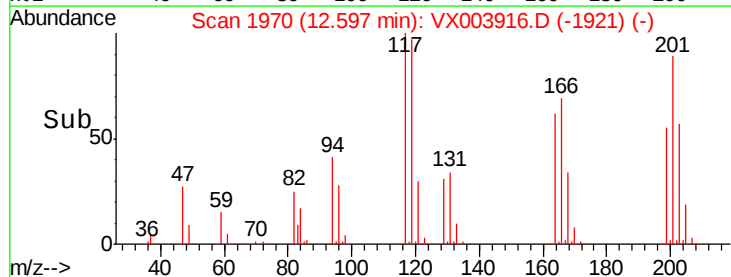
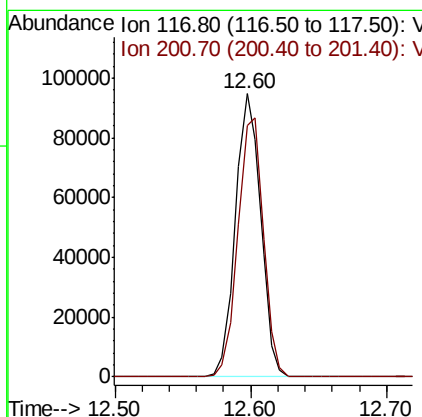
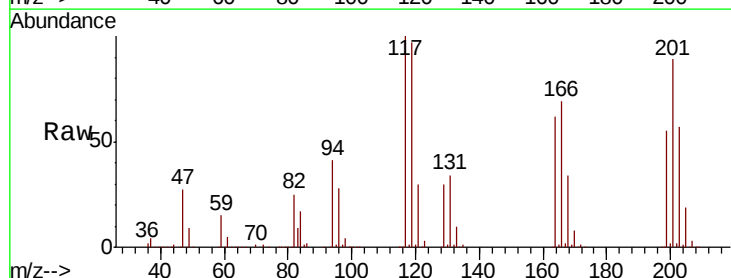
Manual Integrations
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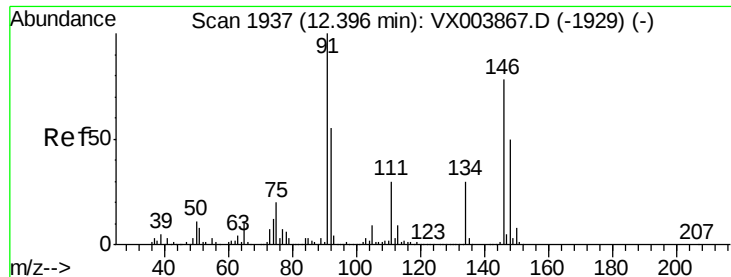
MMDadoda
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#90
Hexachloroethane
Concen: 45.74 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003916.D
Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	122410		
201	92.6	46.1	138.2	





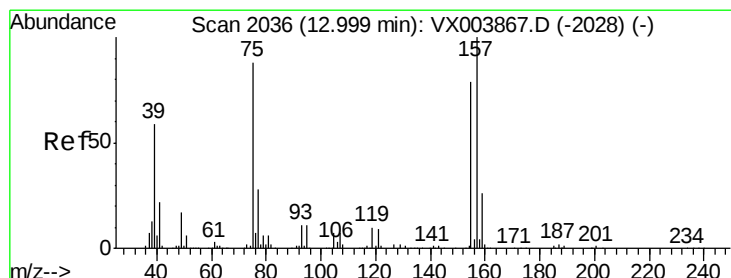
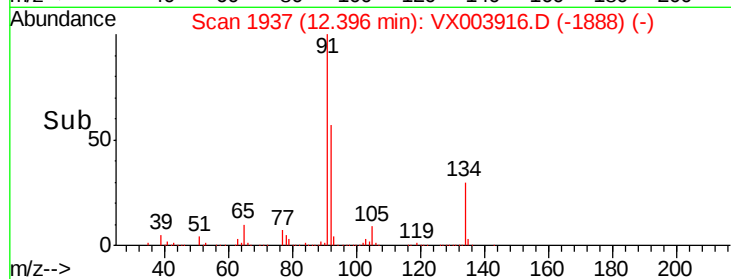
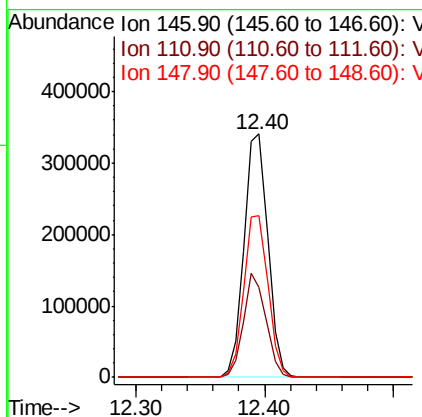
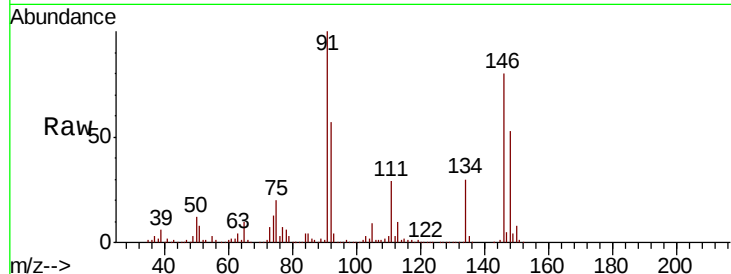
#91
 1,2-Dichlorobenzene
 Concen: 45.73 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.7	59.0
148	67.5	31.9	95.5

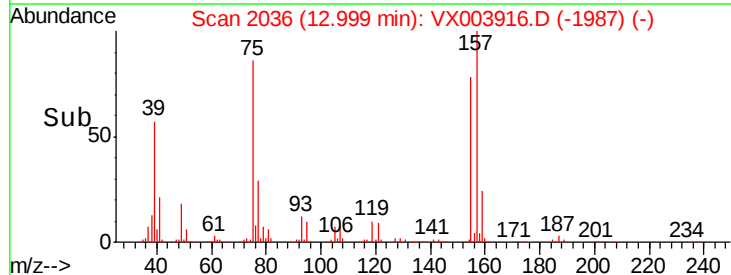
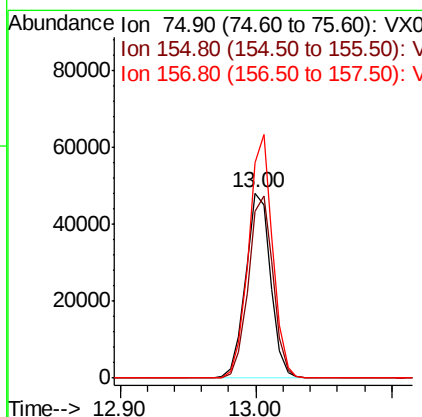
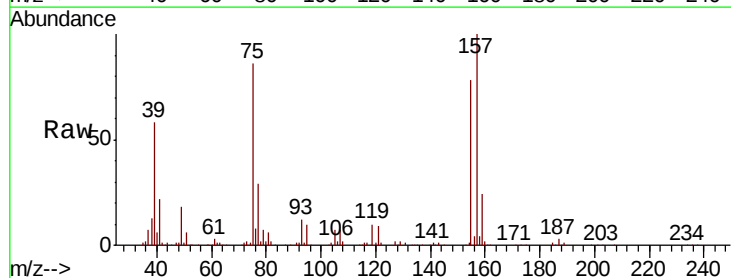
Manual Integrations
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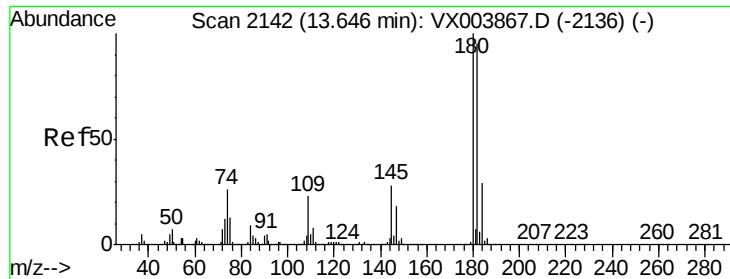
MMDadoda
 8/9/2018 10:39:27 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.46 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	48.7	146.1
157	126.0	62.6	187.8





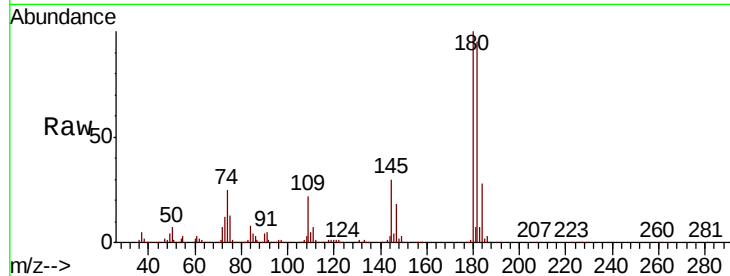
#93
 1,2,4-Trichlorobenzene
 Concen: 50.85 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	346883		
182	92.5	47.7	143.1	
145	28.6	13.9	41.6	

Manual Integrations
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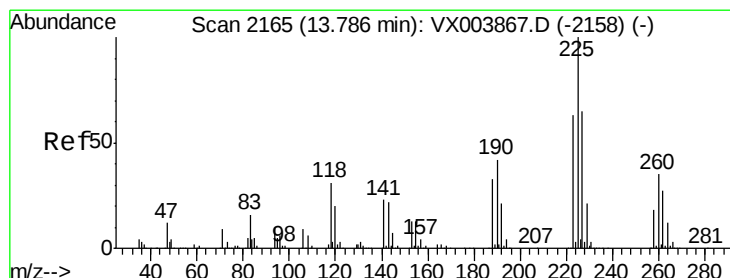
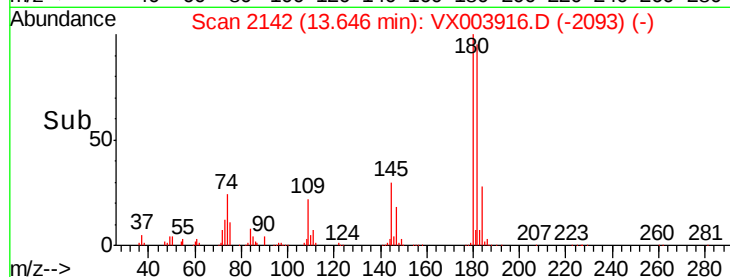
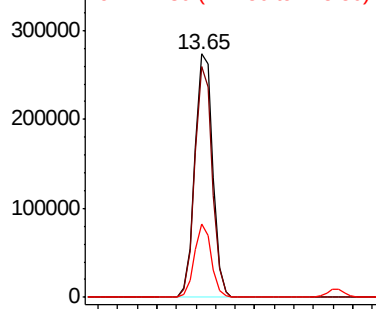


Abundance

Ion 179.80 (179.50 to 180.50): V

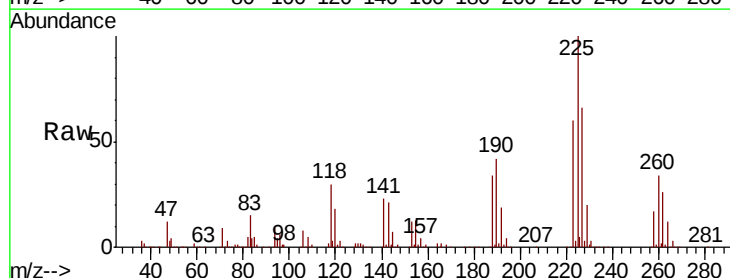
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 52.61 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003916.D
 Acq: 08 Aug 2018 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	158406		
223	61.1	31.4	94.0	
227	64.2	32.1	96.5	

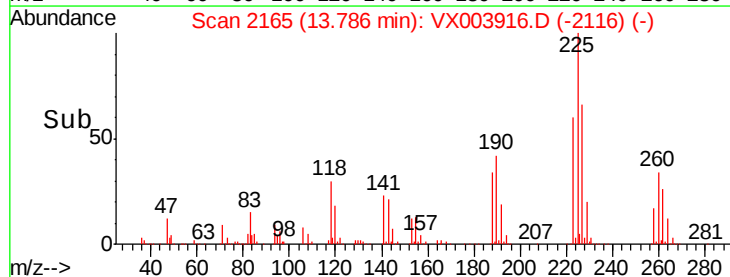
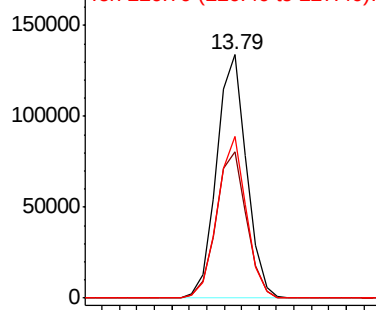


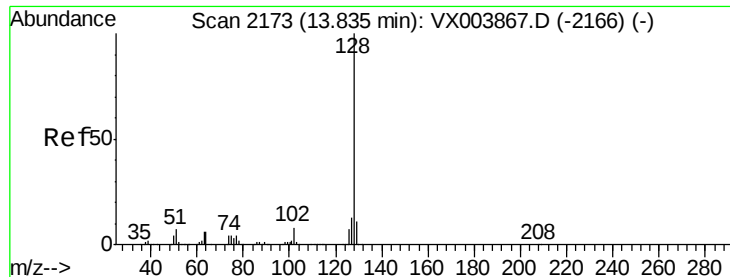
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.96 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1073673

Ion Ratio Lower Upper

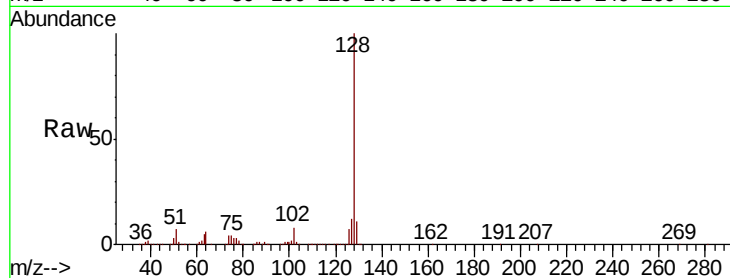
128 100

127 12.6 10.2 15.2

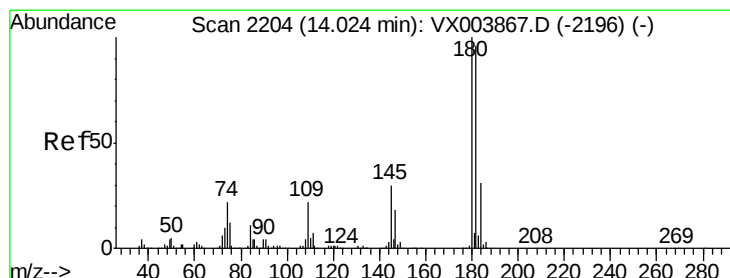
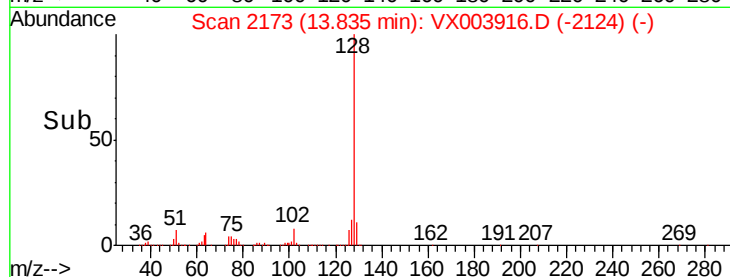
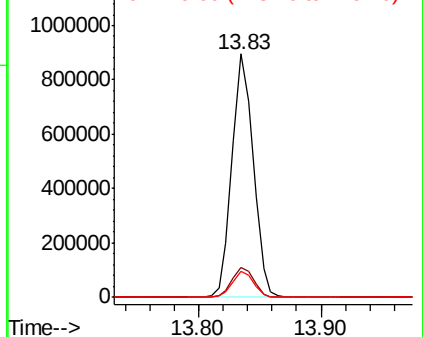
129 10.9 8.8 13.2

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Abundance Ion 128.00 (127.70 to 128.70): V
1200000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.11 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003916.D

Acq: 08 Aug 2018 11:32

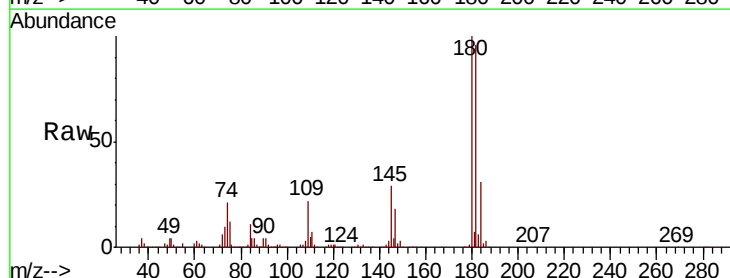
Tgt Ion:180 Resp: 368329

Ion Ratio Lower Upper

180 100

182 95.8 48.1 144.4

145 29.8 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V
400000
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

