

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060718\
 Data File : VX002368.D
 Acq On : 07 Jun 2018 09:56
 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
 6/8/2018 1:20:22 PM

Quant Time: Jun 08 03:28:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	245268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	177542	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
35) Dibromofluoromethane	5.51	113	137172	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
50) Toluene-d8	8.72	98	535487	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
62) 4-Bromofluorobenzene	11.14	95	207808	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	135618	48.934	ug/l	99
3) Chloromethane	1.32	50	150872	47.359	ug/l	99
4) Vinyl Chloride	1.41	62	167750	48.026	ug/l	99
5) Bromomethane	1.64	94	86497	43.312	ug/l	100
6) Chloroethane	1.72	64	110936	49.099	ug/l	99
7) Trichlorofluoromethane	1.93	101	279934	52.600	ug/l	97
8) Diethyl Ether	2.19	74	102536	54.429	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	161699	56.303	ug/l	99
10) Methyl Iodide	2.51	142	133600	33.073	ug/l	100
11) Tert butyl alcohol	3.07	59	193037	246.800	ug/l	100
12) 1,1-Dichloroethene	2.37	96	139176	49.037	ug/l	98
13) Acrolein	2.29	56	72692	189.674	ug/l	99
14) Allyl chloride	2.73	41	286354	46.491	ug/l	99
15) Acrylonitrile	3.15	53	414161	255.457	ug/l	99
16) Acetone	2.45	43	473297	291.865	ug/l	100
17) Carbon Disulfide	2.57	76	341123	45.601	ug/l	99
18) Methyl Acetate	2.78	43	200984	52.771	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	530947	53.907	ug/l	100
20) Methylene Chloride	2.86	84	160355	53.381	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	151069	48.267	ug/l	98
22) Diisopropyl ether	3.87	45	568428	55.402	ug/l	98
23) Vinyl Acetate	3.82	43	2471020	247.473	ug/l	100
24) 1,1-Dichloroethane	3.70	63	294987	48.456	ug/l	99
25) 2-Butanone	4.70	43	581541	222.465	ug/l	99
26) 2,2-Dichloropropane	4.59	77	215674	45.323	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	153326	45.045	ug/l	94
28) Bromochloromethane	5.02	49	134691	52.177	ug/l	99
29) Tetrahydrofuran	5.16	42	357521	212.129	ug/l	100
30) Chloroform	5.21	83	274203	46.678	ug/l	96
31) Cyclohexane	5.58	56	238377	49.519	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	239264	48.027	ug/l	100
36) 1,1-Dichloropropene	5.80	75	200075	49.969	ug/l	100
37) Ethyl Acetate	4.86	43	219841	45.655	ug/l	100
38) Carbon Tetrachloride	5.79	117	209446	50.002	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	250514	50.639	ug/l	96
40) Benzene	6.15	78	593757	48.364	ug/l	100
41) Methacrylonitrile	5.06	41	124910	45.315	ug/l	99
42) 1,2-Dichloroethane	6.20	62	232281	47.621	ug/l	100
43) Isopropyl Acetate	6.46	43	377830	46.196	ug/l	100
44) Trichloroethene	7.21	130	170878	50.150	ug/l	98
45) 1,2-Dichloropropane	7.52	63	159756	48.201	ug/l	100
46) Dibromomethane	7.67	93	106202	47.268	ug/l	100
47) Bromodichloromethane	7.90	83	198397	48.823	ug/l	99
48) Methyl methacrylate	7.78	41	194886	47.437	ug/l	99
49) 1,4-Dioxane	7.76	88	71783	934.493	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1205690	236.721	ug/l	100
52) Toluene	8.79	92	395546	50.657	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	245444	50.367	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	230150	50.060	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	157988	49.195	ug/l	98
56) Ethyl methacrylate	9.18	69	249862	48.732	ug/l	99
57) 1,3-Dichloropropane	9.37	76	261049	48.453	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	576906	243.104	ug/l	99
59) 2-Hexanone	9.50	43	938253	238.493	ug/l	98
60) Dibromochloromethane	9.59	129	168028	52.017	ug/l	99
61) 1,2-Dibromoethane	9.68	107	166672	49.774	ug/l	98
64) Tetrachloroethene	9.34	164	193594	51.001	ug/l	97
65) Chlorobenzene	10.14	112	456391	49.834	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	168949	50.948	ug/l	99
67) Ethyl Benzene	10.26	91	791283	51.628	ug/l	98
68) m/p-Xylenes	10.36	106	615657	103.336	ug/l	99
69) o-Xylene	10.70	106	302591	51.036	ug/l	98
70) Styrene	10.71	104	504119	52.011	ug/l	99
71) Bromoform	10.86	173	130244	44.280	ug/l	99
73) Isopropylbenzene	11.02	105	823682	48.276	ug/l	100
74) N-amyl acetate	6.46	43	377830	41.097	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	233455	43.504	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	237494m	44.129	ug/l	
77) Bromobenzene	11.26	156	222173	46.383	ug/l	98
78) n-propylbenzene	11.37	91	954596	50.337	ug/l	99
79) 2-Chlorotoluene	11.43	91	557781	46.581	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	714571	48.828	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	66705	43.447	ug/l	98
82) 4-Chlorotoluene	11.51	91	668710	48.382	ug/l	100
83) tert-Butylbenzene	11.77	119	696171	48.851	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	731267	48.542	ug/l	98
85) sec-Butylbenzene	11.95	105	868746	52.000	ug/l	100
86) p-Isopropyltoluene	12.07	119	791554	52.016	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	417165	48.708	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	421362	47.731	ug/l	100
89) n-Butylbenzene	12.39	91	694154	54.389	ug/l	100
90) Hexachloroethane	12.60	117	117903	48.536	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	418473	47.224	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52949	45.121	ug/l	99

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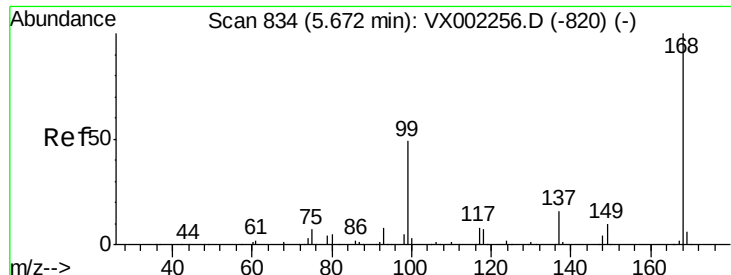
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	316873	50.998	ug/l	100
94) Hexachlorobutadiene	13.79	225	170169	55.422	ug/l	98
95) Naphthalene	13.84	128	850672	47.650	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	320366	50.556	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 266607

Ion Ratio Lower Upper

168 100

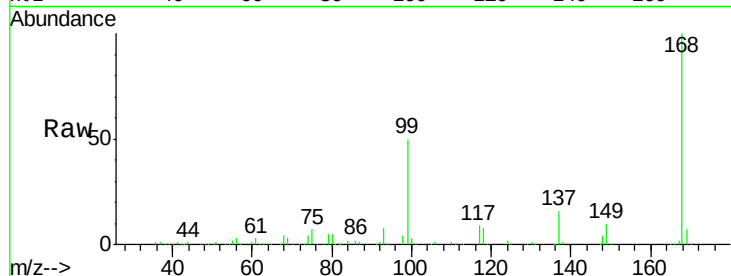
99 50.3 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

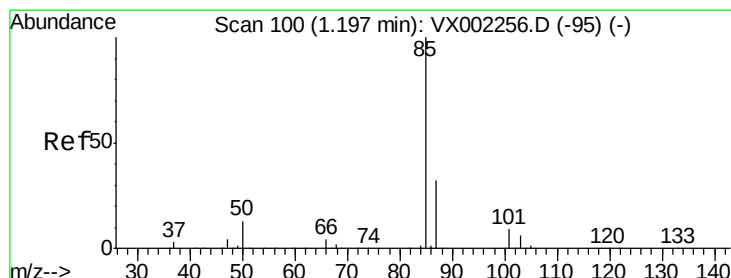
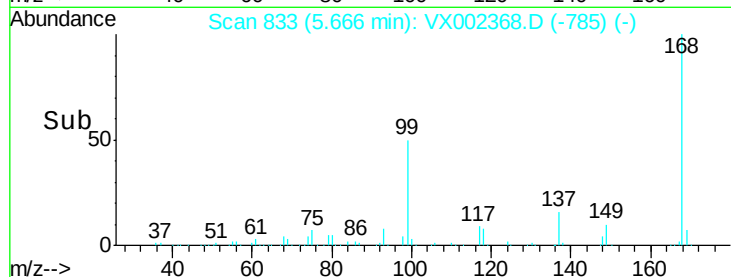
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.934 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002368.D

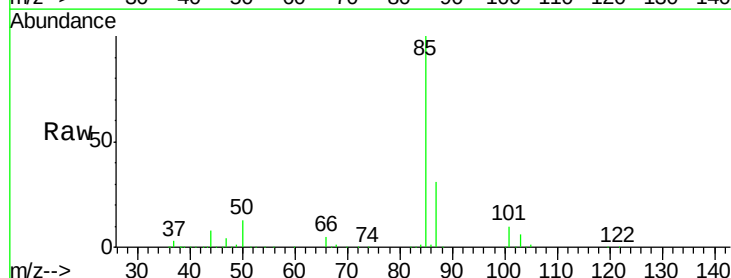
Acq: 07 Jun 2018 09:56

Tgt Ion: 85 Resp: 135618

Ion Ratio Lower Upper

85 100

87 31.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

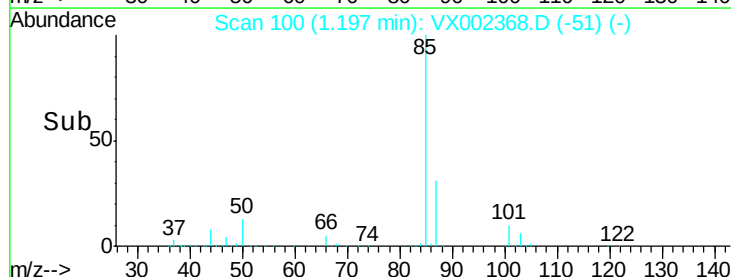
100000

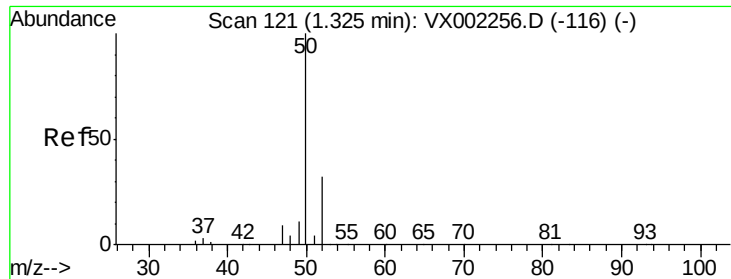
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.359 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 150872

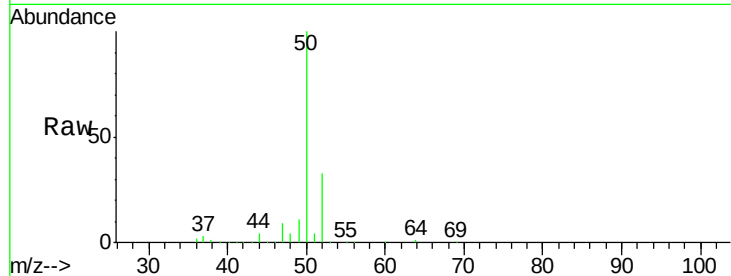
Ion Ratio Lower Upper

50 100

52 32.9 25.7 38.5

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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

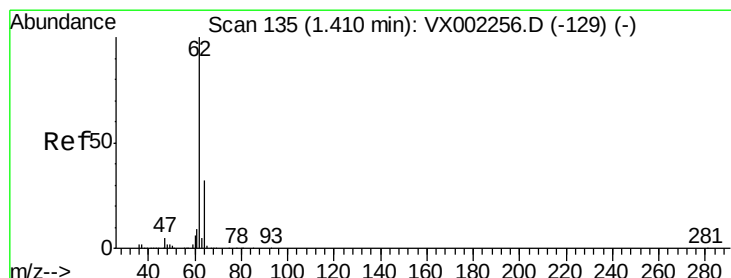
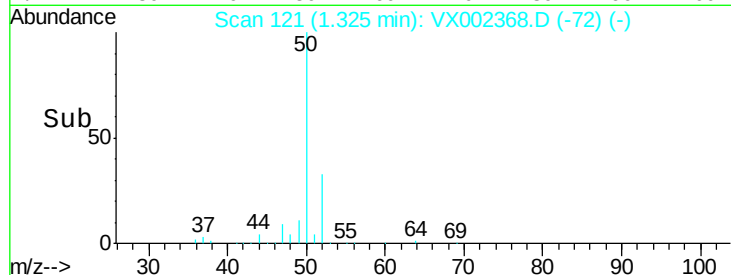
100000

50000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 48.026 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002368.D

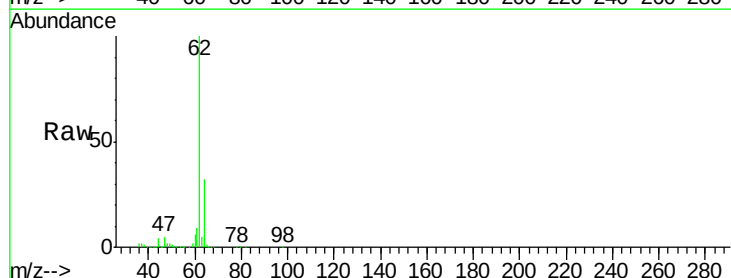
Acq: 07 Jun 2018 09:56

Tgt Ion: 62 Resp: 167750

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

150000

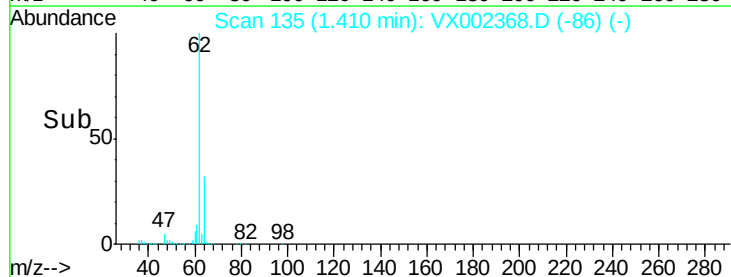
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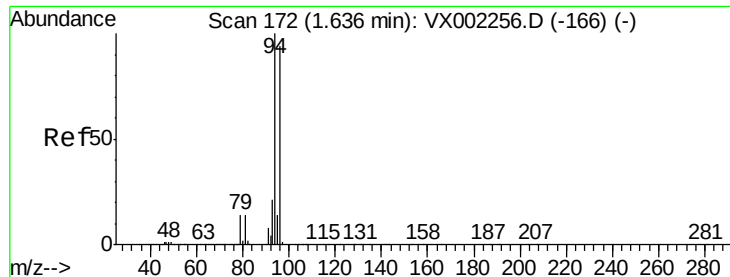
50000

0

1.30 1.40 1.50

Time-->





#5

Bromomethane

Concen: 43.312 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 86497

Ion Ratio Lower Upper

94 100

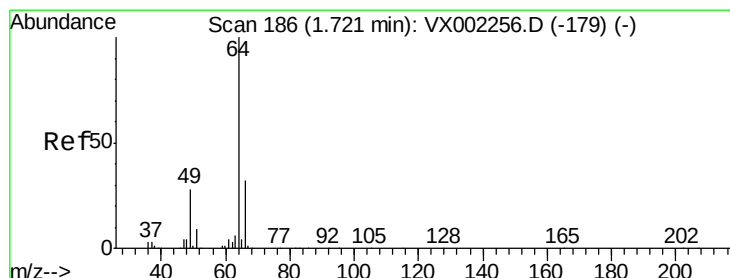
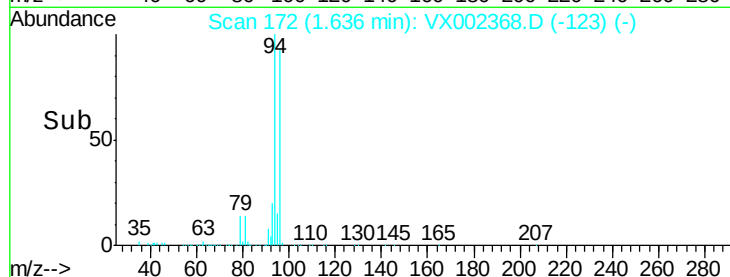
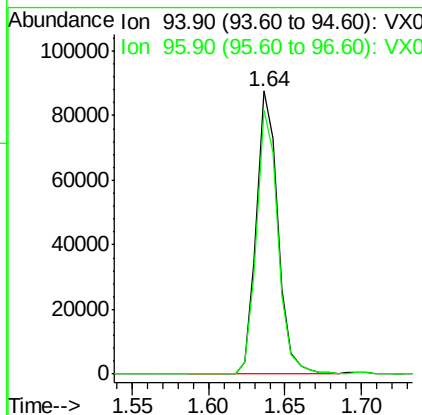
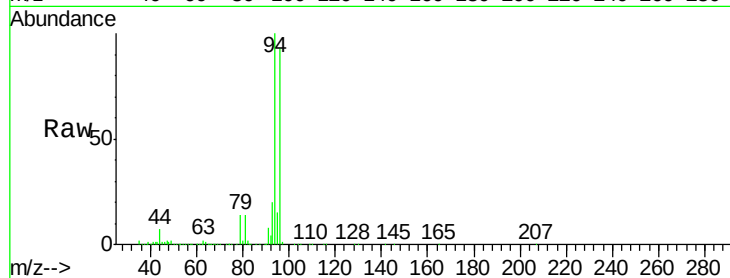
96 93.4 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 49.099 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002368.D

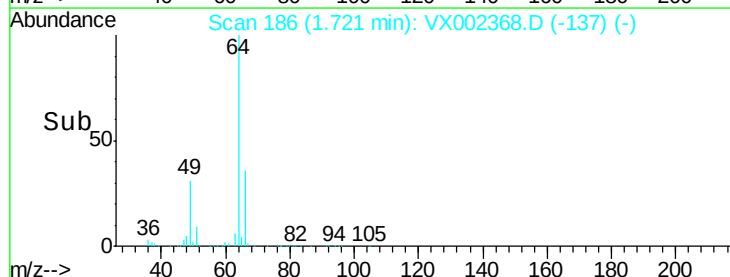
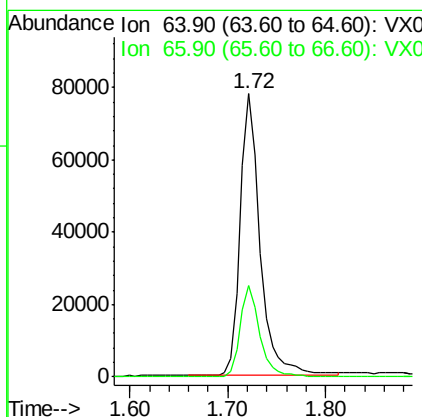
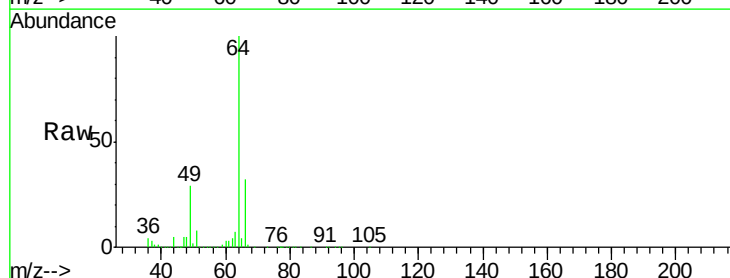
Acq: 07 Jun 2018 09:56

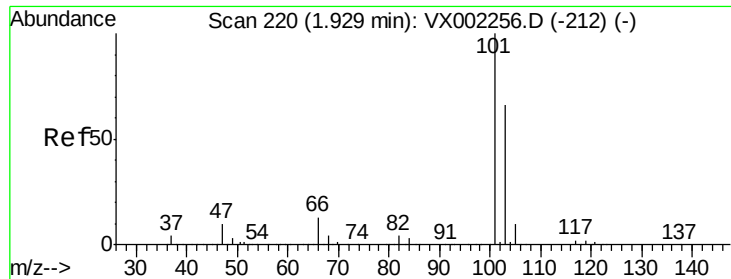
Tgt Ion: 64 Resp: 110936

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3





#7

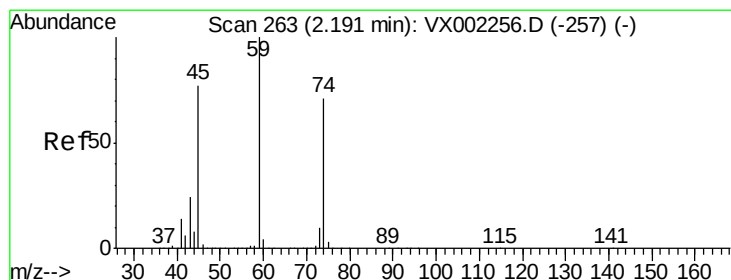
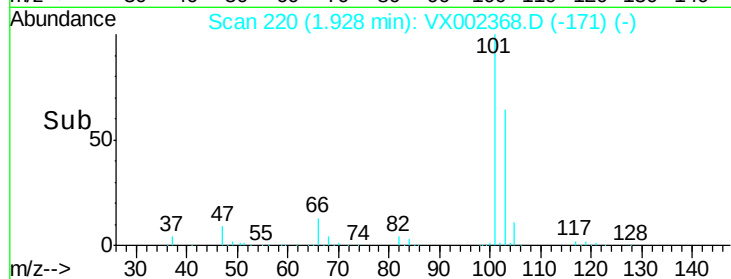
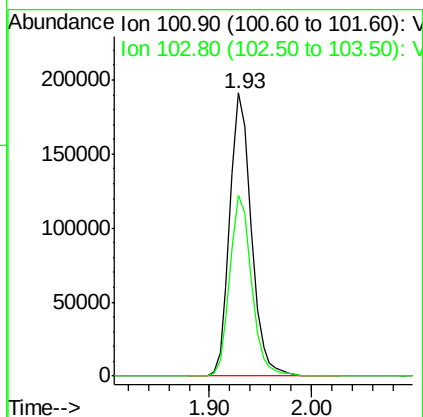
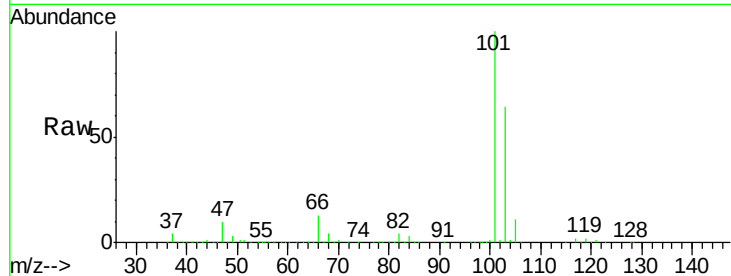
Trichlorofluoromethane
Concen: 52.600 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 101 Resp: 279934
Ion Ratio Lower Upper
101 100
103 63.8 52.8 79.2

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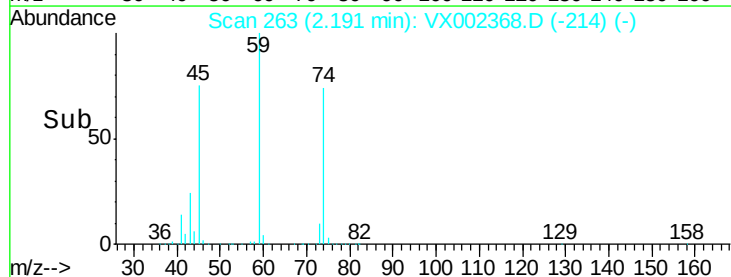
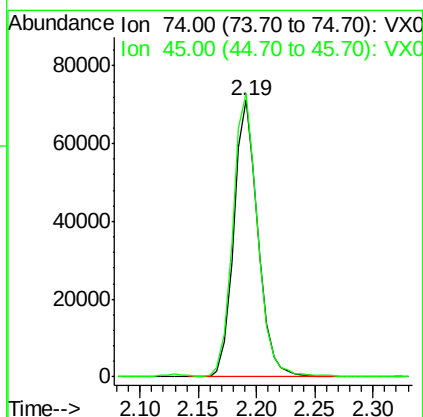
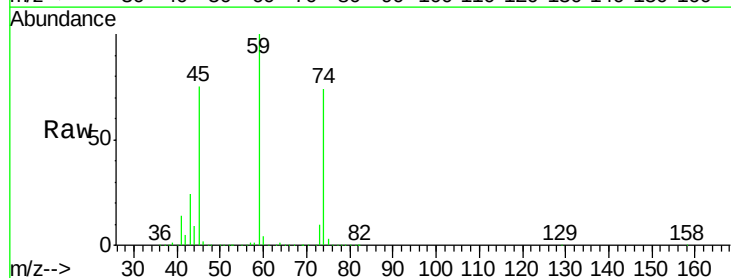
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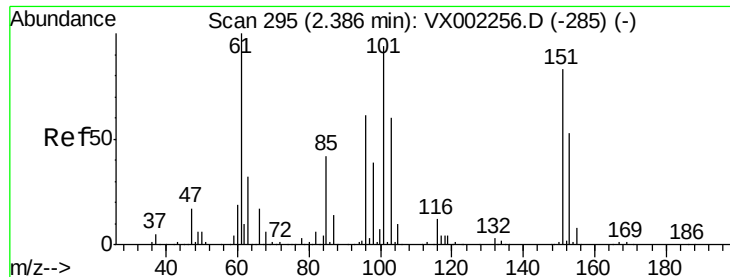


#8

Diethyl Ether
Concen: 54.429 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion: 74 Resp: 102536
Ion Ratio Lower Upper
74 100
45 104.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.303 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

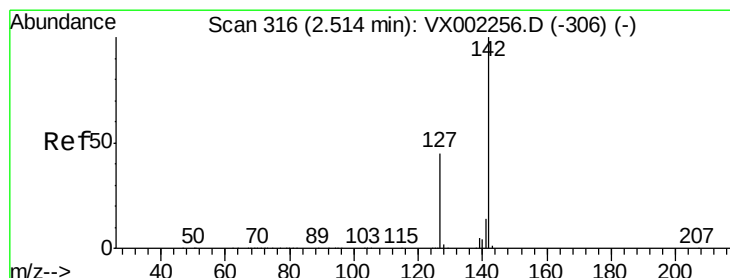
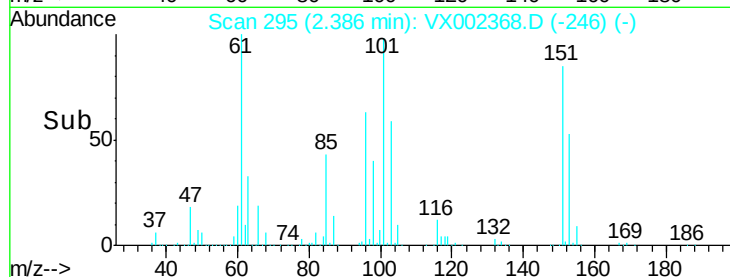
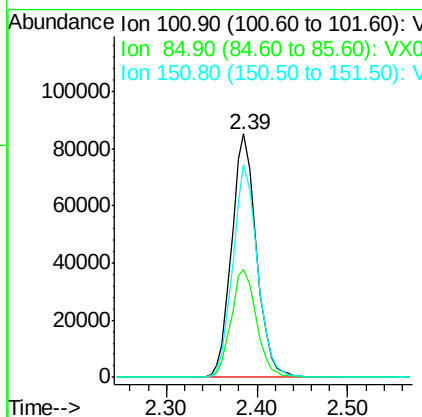
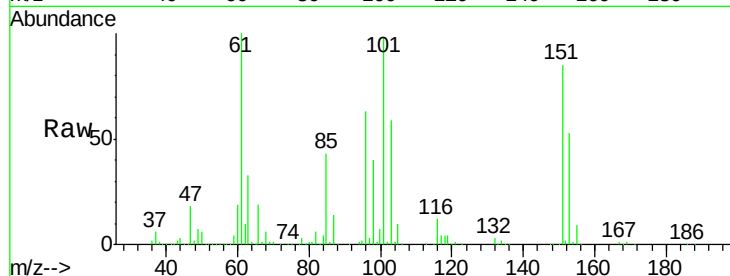
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	161699
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.0	54.0
151	87.0	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 33.073 ug/l

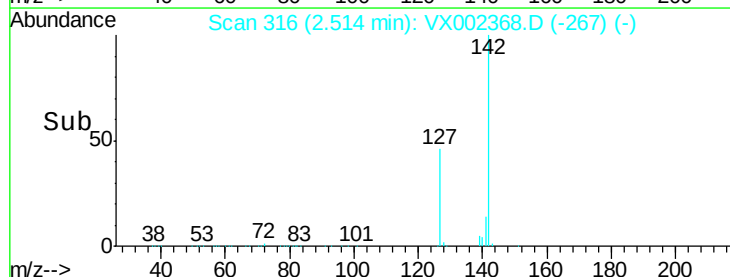
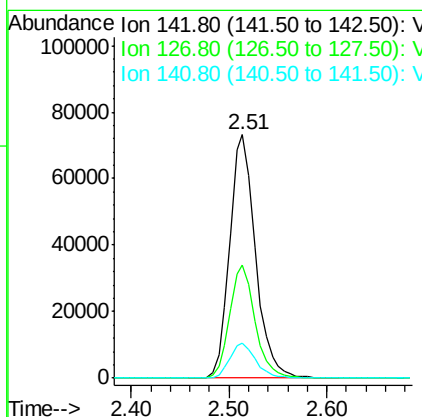
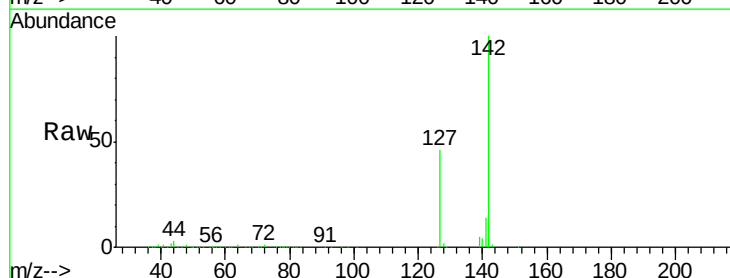
RT: 2.51 min Scan# 316

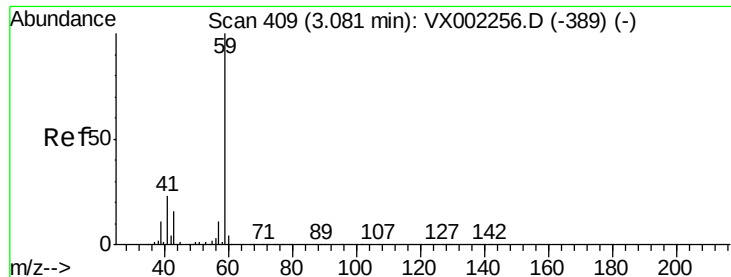
Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Tgt Ion:	142	Resp:	133600
Ion Ratio	Lower	Upper	
142	100		
127	45.9	36.6	55.0
141	14.6	11.3	16.9





#11

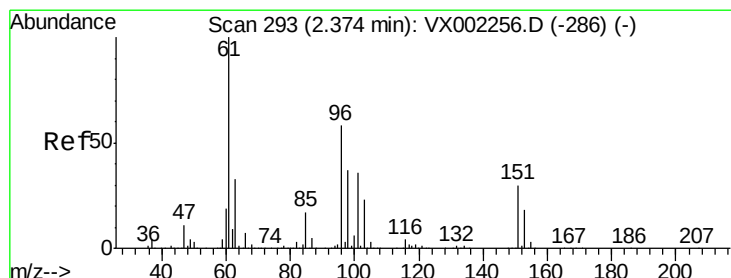
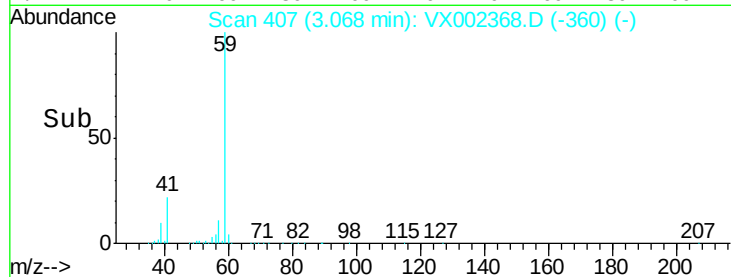
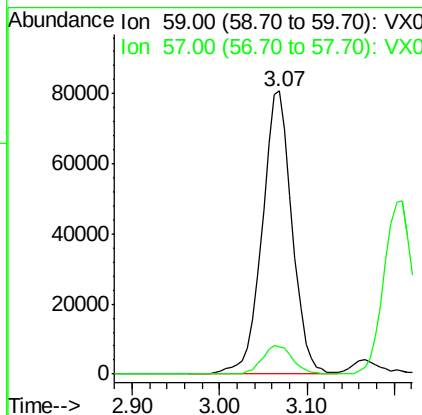
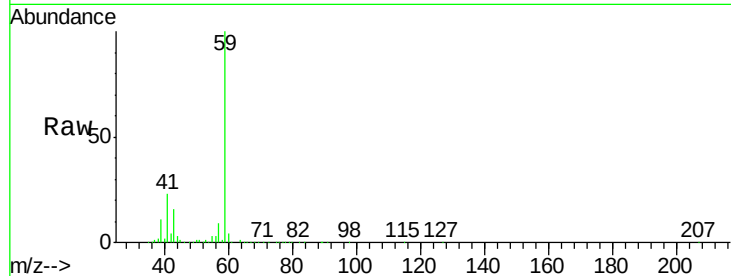
Tert butyl alcohol
Concen: 246.800 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

Manual Integrations
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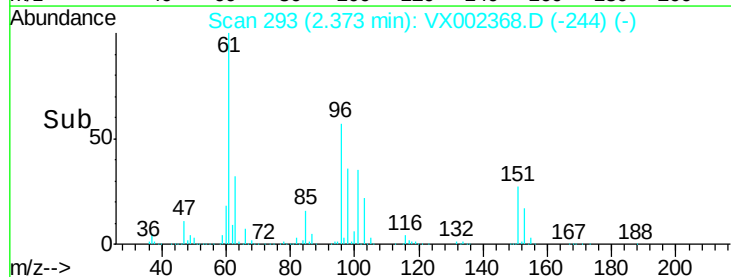
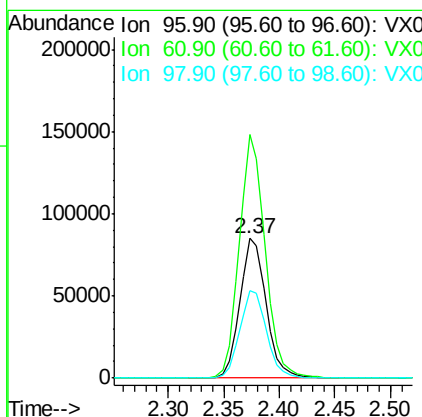
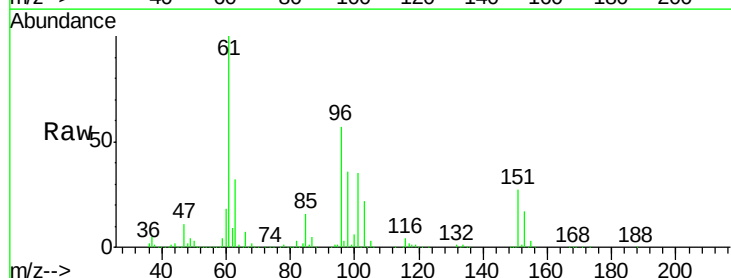
MMDadoda
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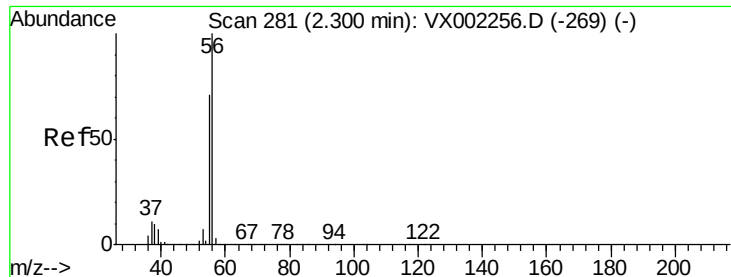


#12

1,1-Dichloroethene
Concen: 49.037 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.2	137.9	206.9
98	62.7	51.6	77.4





#13

Acrolein

Concen: 189.674 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 72692

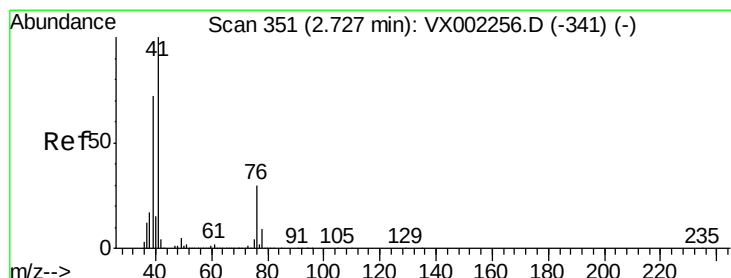
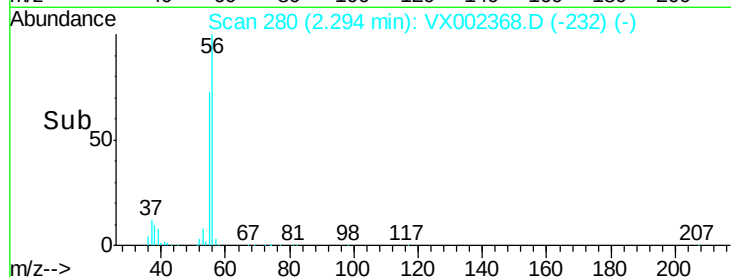
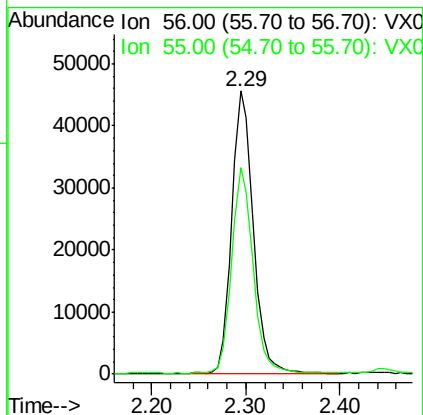
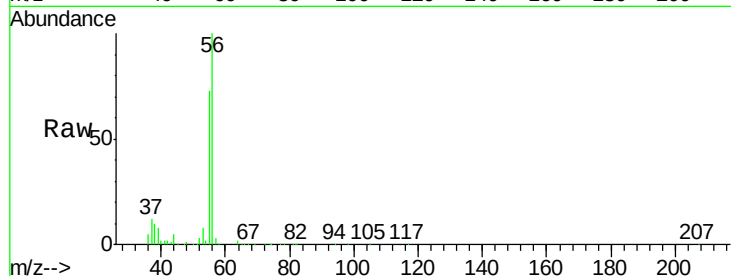
Ion Ratio Lower Upper

56 100

55 71.7 57.0 85.4

Manual Integrations
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#14

Allyl chloride

Concen: 46.491 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

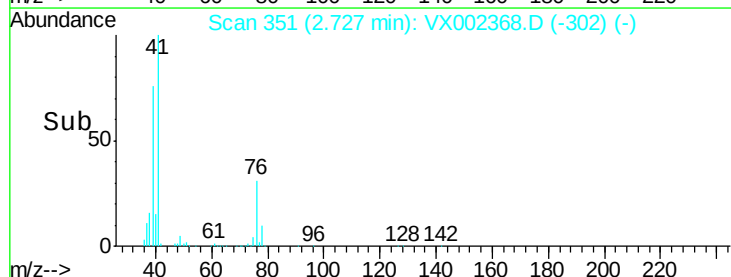
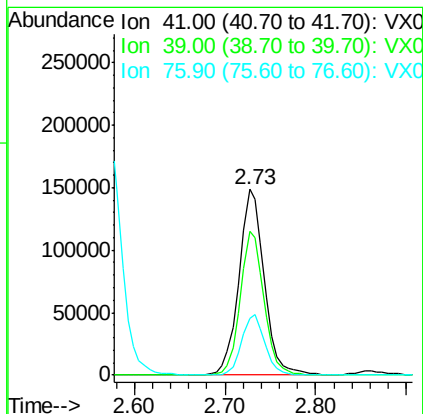
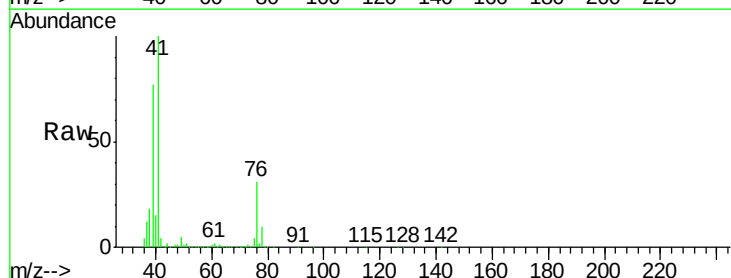
Tgt Ion: 41 Resp: 286354

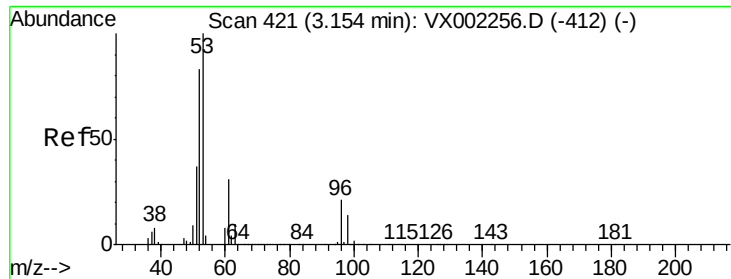
Ion Ratio Lower Upper

41 100

39 72.4 56.8 85.2

76 30.0 23.8 35.8





#15

Acrylonitrile

Concen: 255.457 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

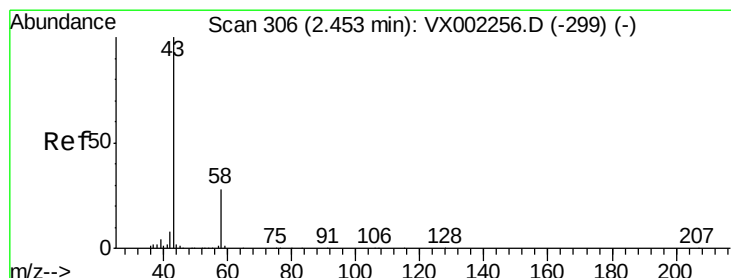
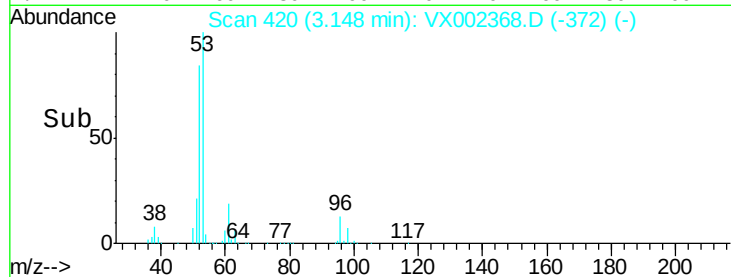
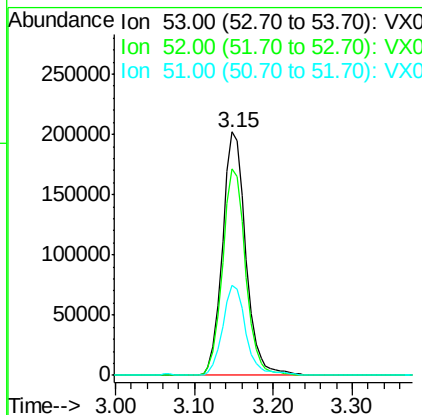
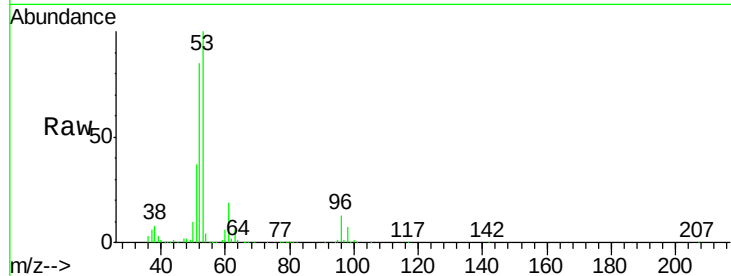
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	414161
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.7	100.1
51	37.3	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 291.865 ug/l

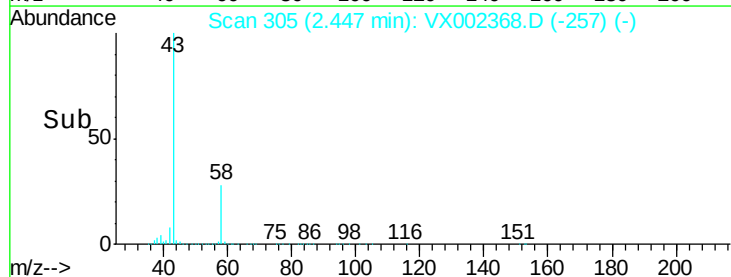
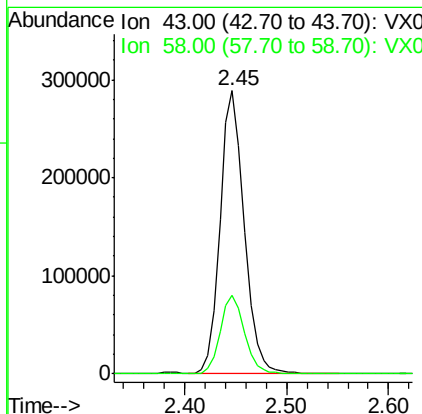
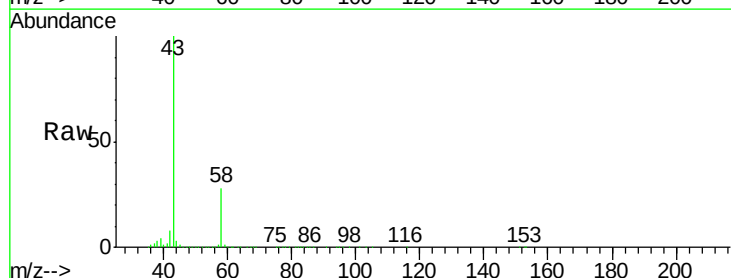
RT: 2.45 min Scan# 305

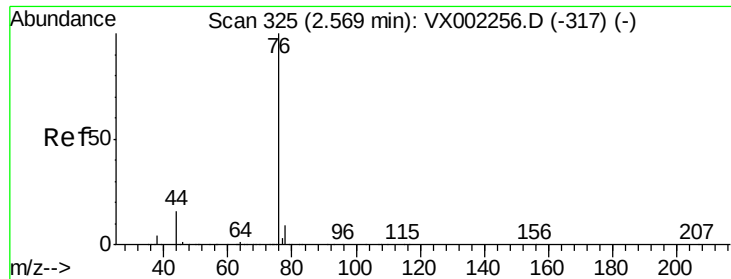
Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Tgt Ion:	43	Resp:	473297
Ion	Ratio	Lower	Upper
43	100		
58	27.8	22.1	33.1





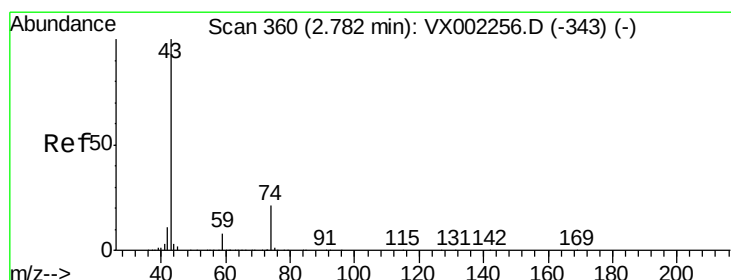
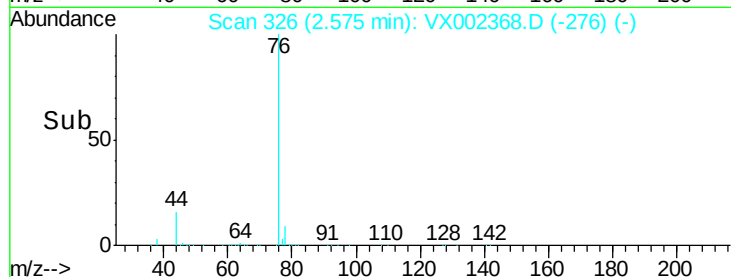
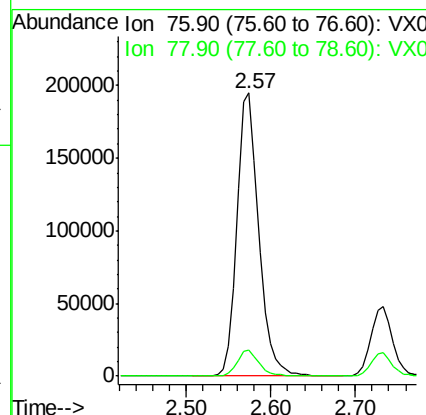
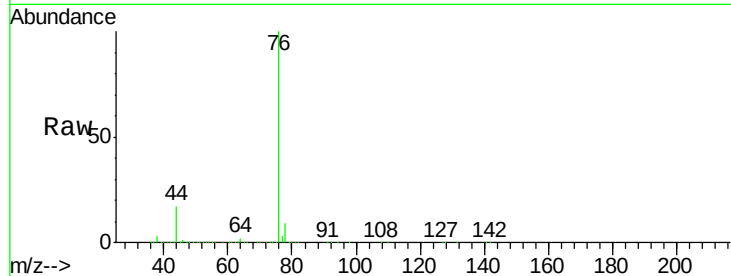
#17
Carbon Disulfide
Concen: 45.601 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
76	100	341123		
78	9.0	6.9	6.9	10.3

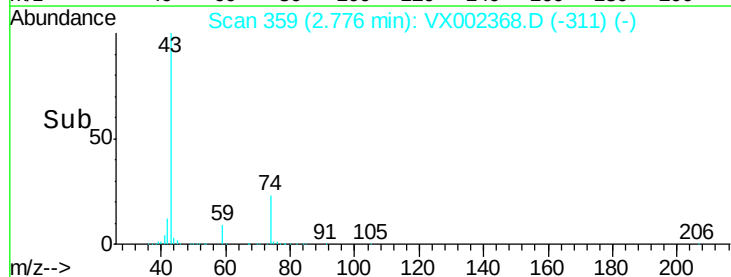
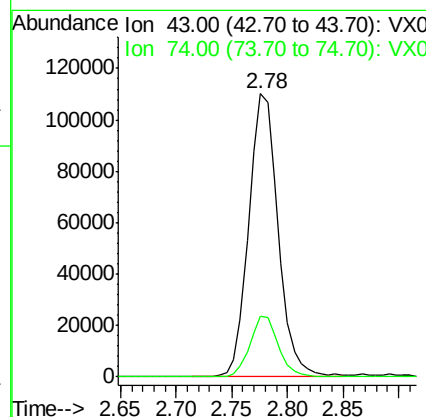
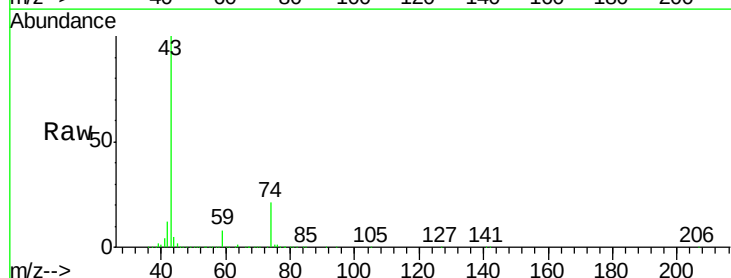
Manual Integrations
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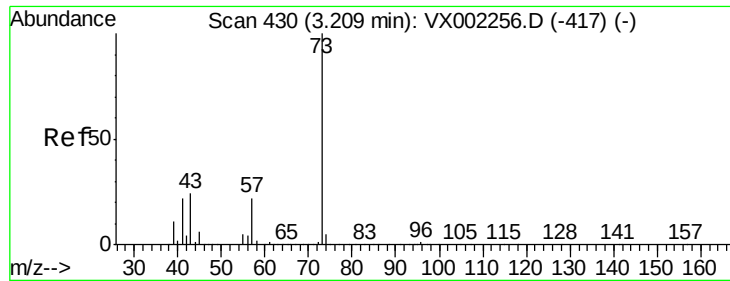
MMDadoda
6/8/2018 1:20:22 PM



#18
Methyl Acetate
Concen: 52.771 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	200984		
74	21.4	16.7	16.7	25.1





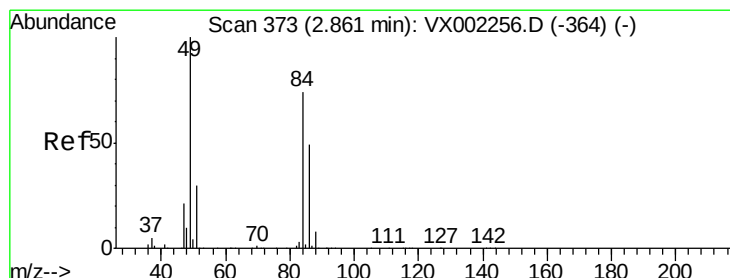
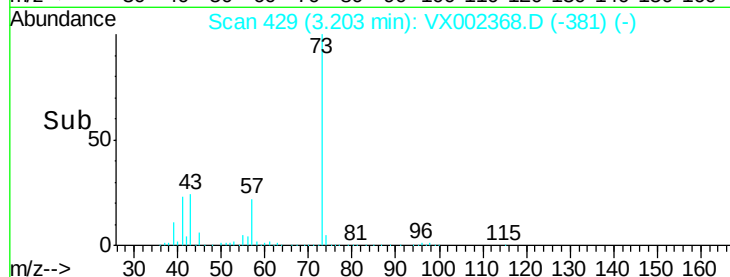
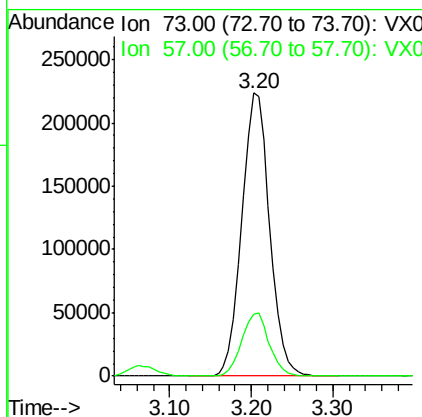
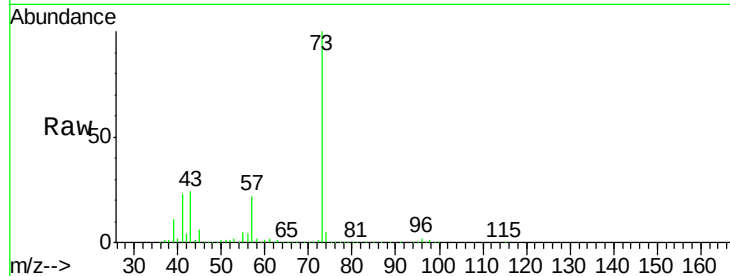
#19
Methyl tert-butyl Ether
Concen: 53.907 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 530947
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

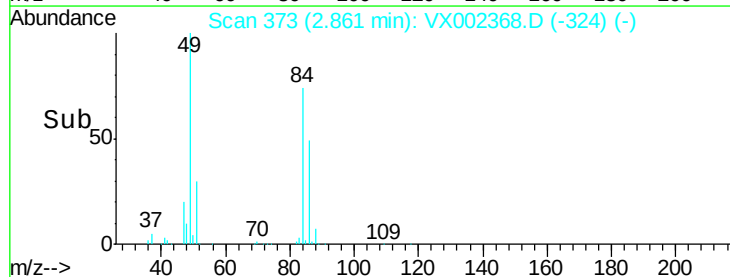
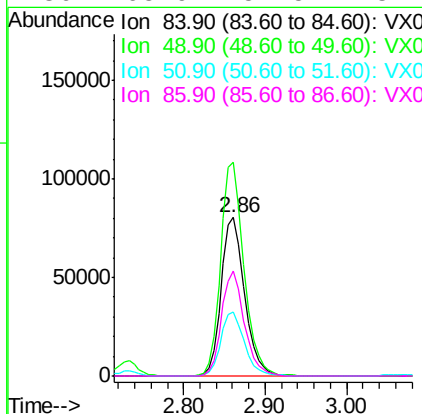
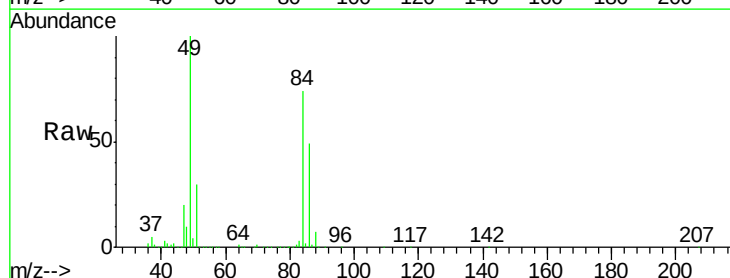
Manual Integrations
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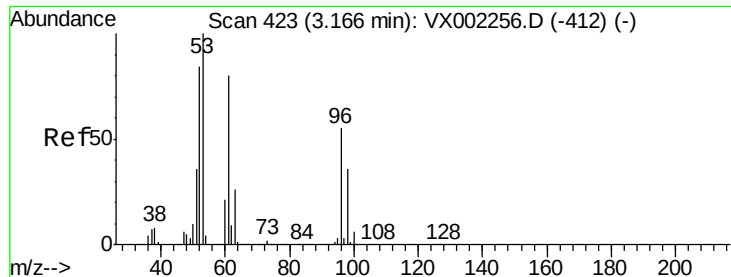
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#20
Methylene Chloride
Concen: 53.381 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion: 84 Resp: 160355
Ion Ratio Lower Upper
84 100
49 134.7 107.8 161.6
51 40.0 32.8 49.2
86 65.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.267 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

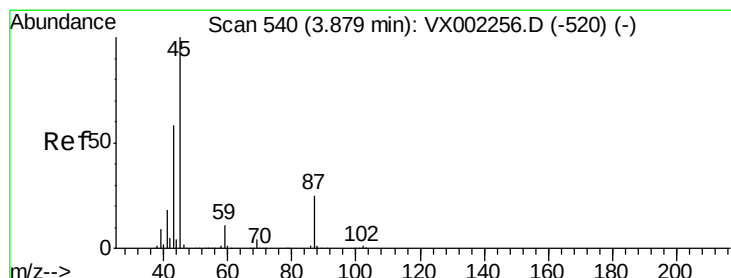
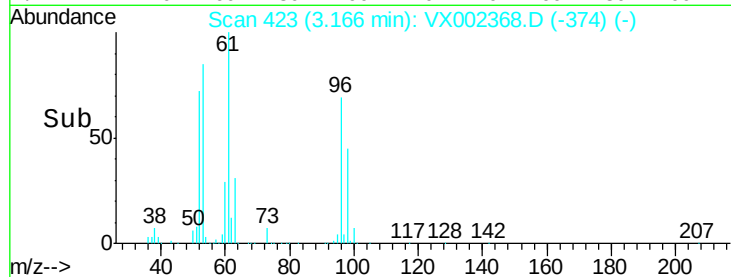
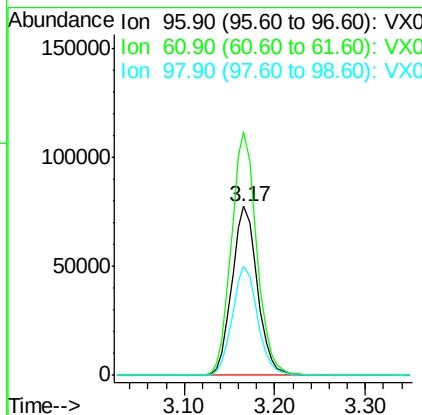
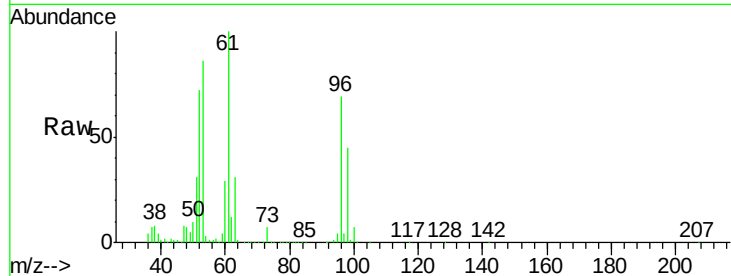
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	151069
Ion	Ratio	Lower	Upper
96	100		
61	144.1	117.0	175.4
98	64.2	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 55.402 ug/l

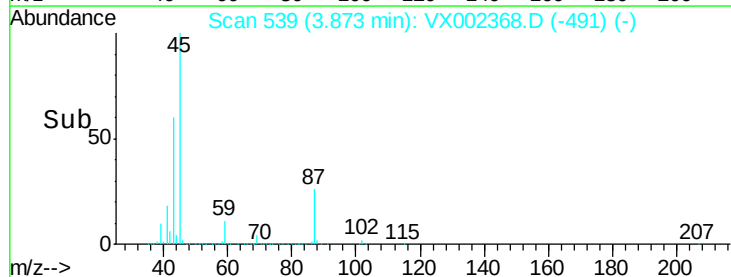
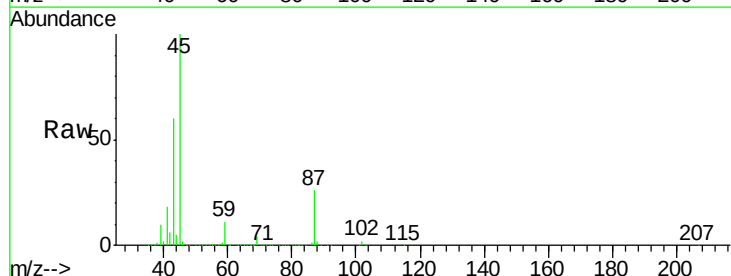
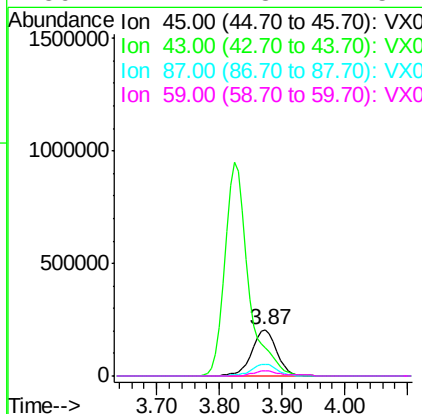
RT: 3.87 min Scan# 539

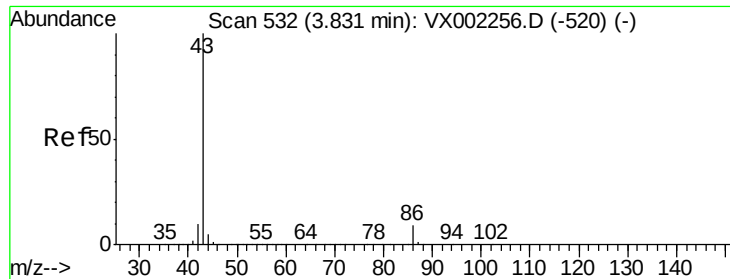
Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Tgt Ion:	45	Resp:	568428
Ion	Ratio	Lower	Upper
45	100		
43	60.4	46.8	70.2
87	25.9	20.2	30.4
59	11.1	8.7	13.1





#23

Vinyl Acetate

Concen: 247.473 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 43 Resp: 2471020

Ion Ratio Lower Upper

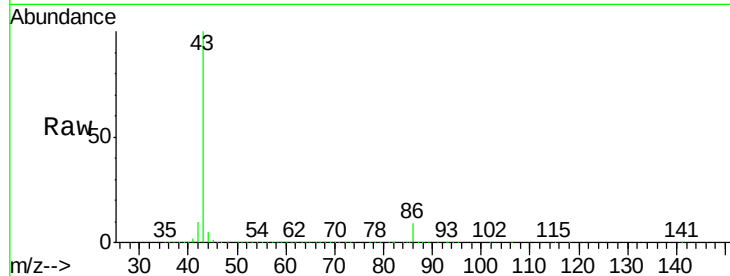
43 100

86 9.4 7.4 11.0

Manual Integrations
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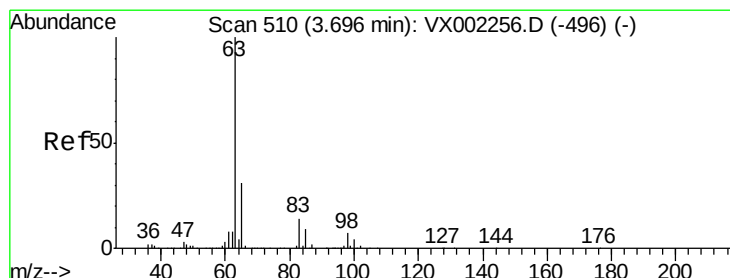
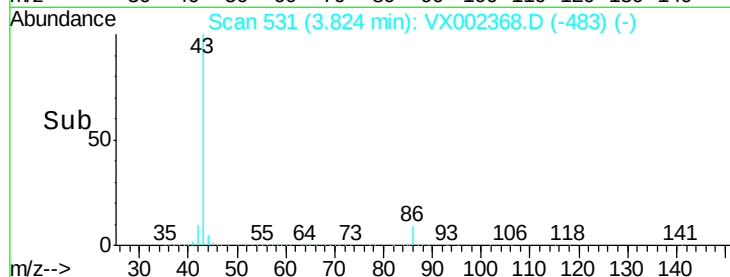
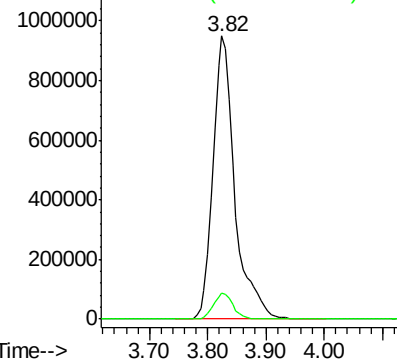
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.456 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

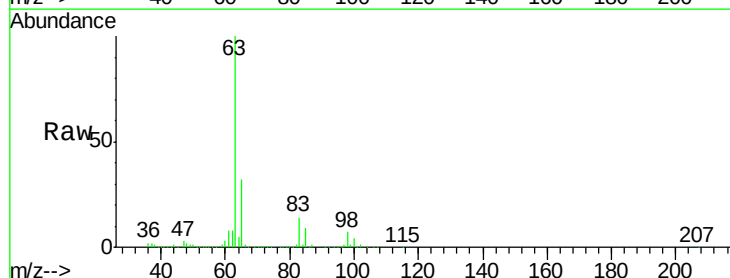
Tgt Ion: 63 Resp: 294987

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

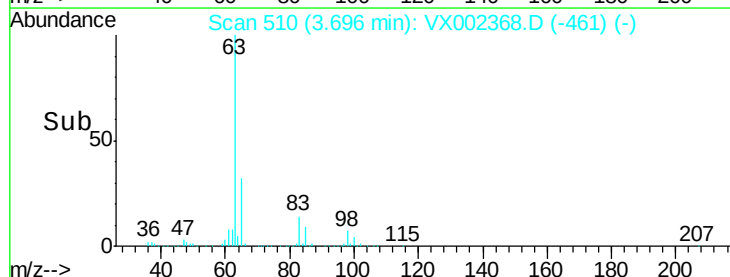
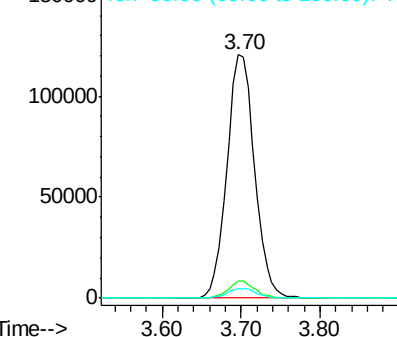
100 4.1 2.0 6.0

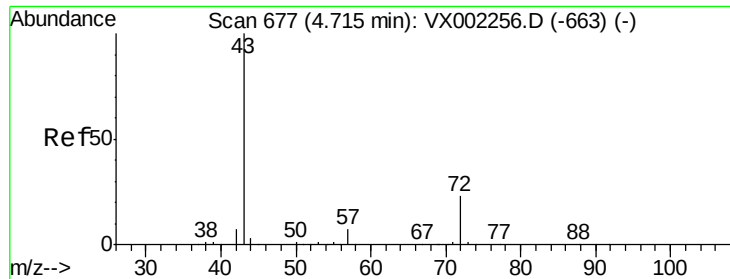


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 222.465 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 581541

Ion Ratio Lower Upper

43 100

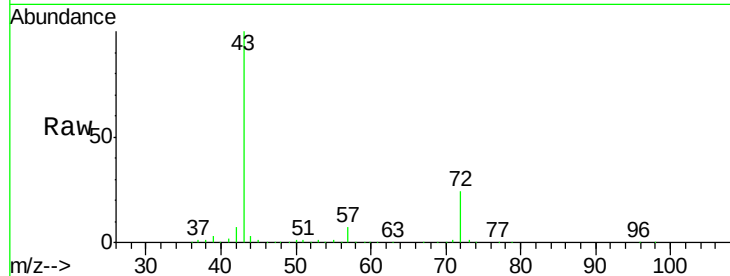
72 23.7 18.5 27.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

200000

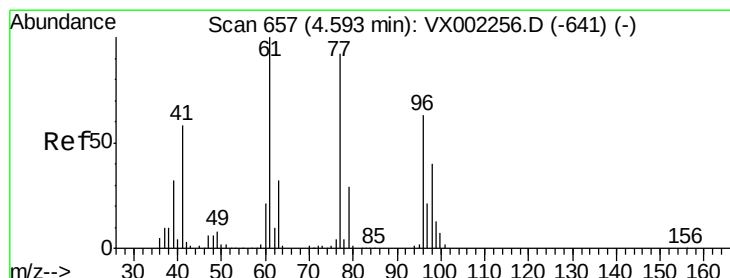
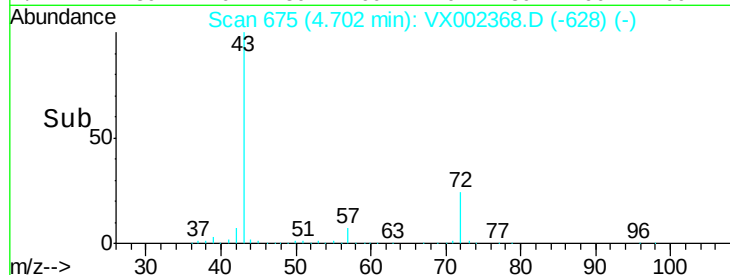
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.323 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002368.D

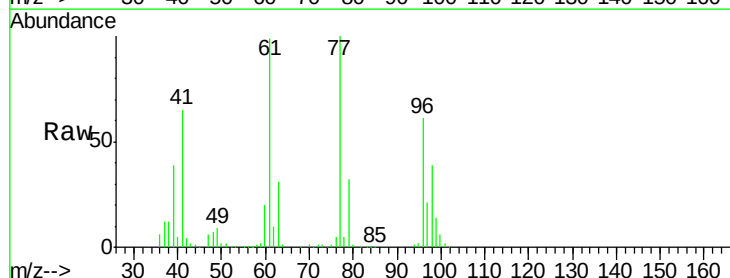
Acq: 07 Jun 2018 09:56

Tgt Ion: 77 Resp: 215674

Ion Ratio Lower Upper

77 100

97 21.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

80000

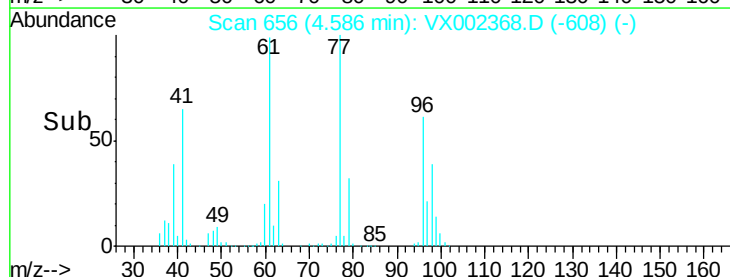
60000

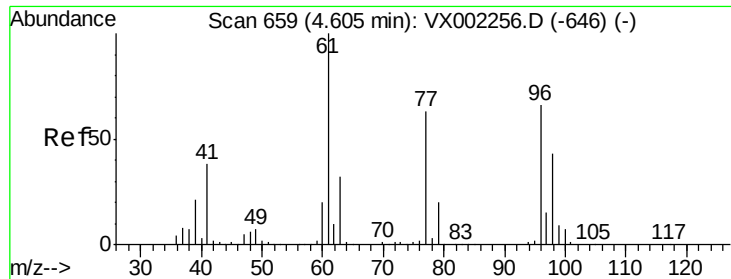
40000

20000

0

Time-->





#27

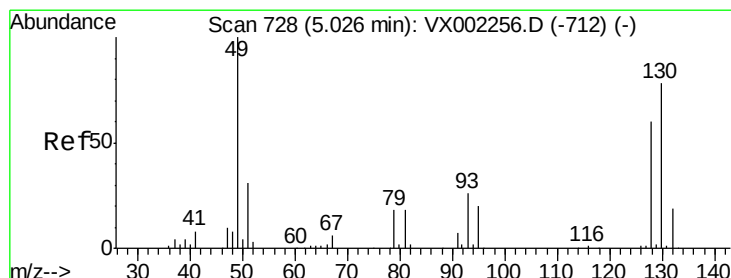
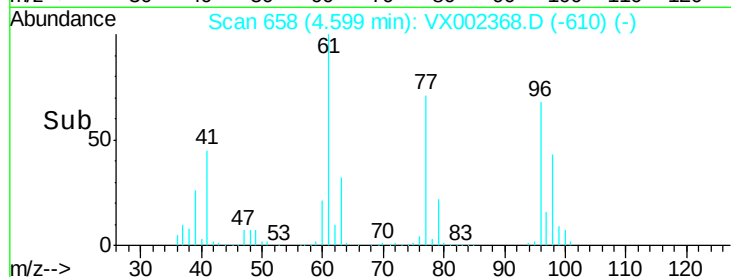
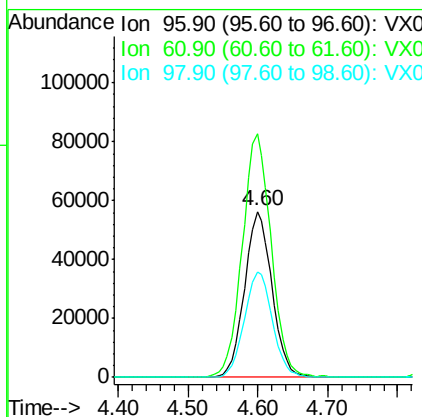
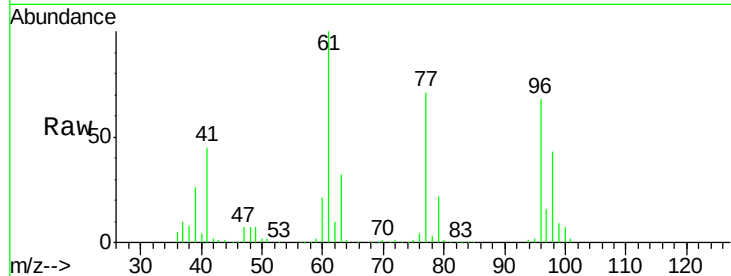
cis-1,2-Dichloroethene
Concen: 45.045 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	153326		
61	154.8	0.0	330.2	
98	65.2	0.0	130.2	

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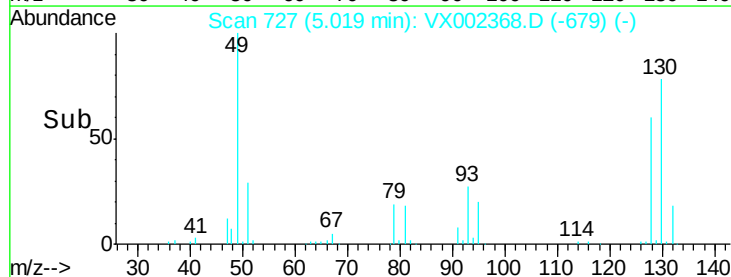
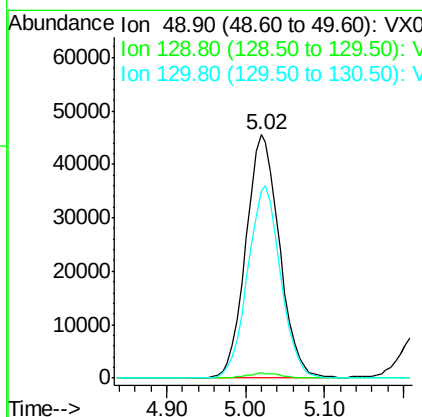
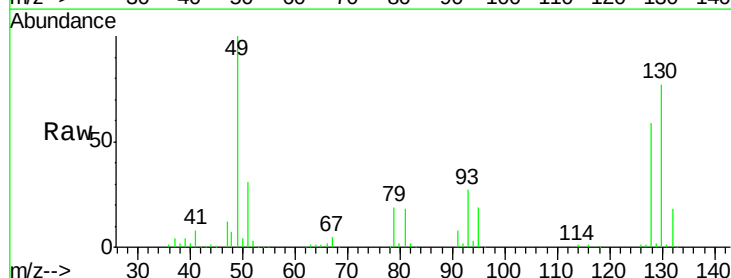
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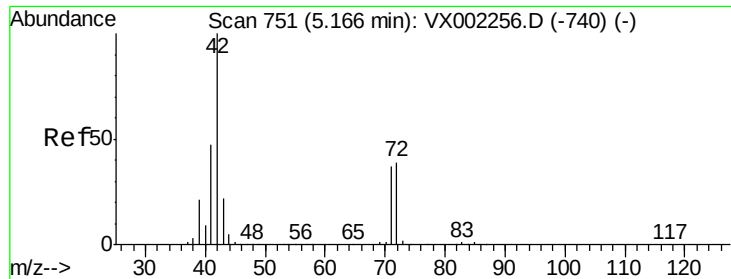


#28

Bromochloromethane
Concen: 52.177 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	134691		
129	2.2	0.0	4.2	
130	77.6	61.2	91.8	





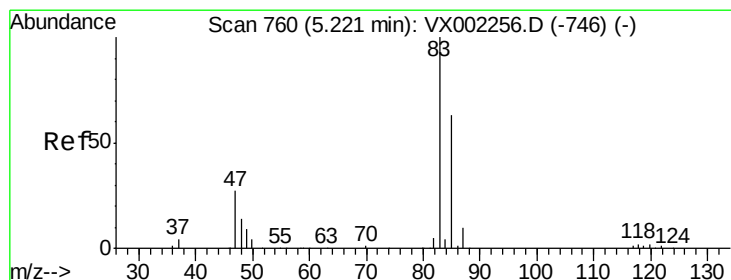
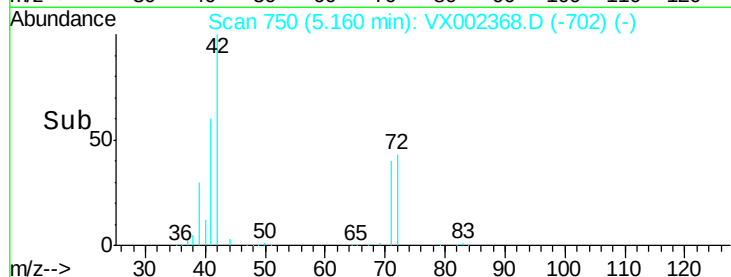
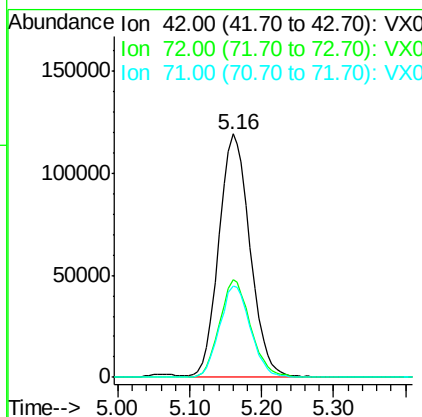
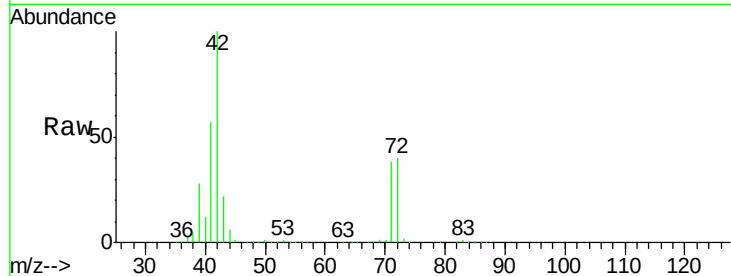
#29
Tetrahydrofuran
Concen: 212.129 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	357521		
72	40.1		32.0	48.0
71	37.5		30.1	45.1

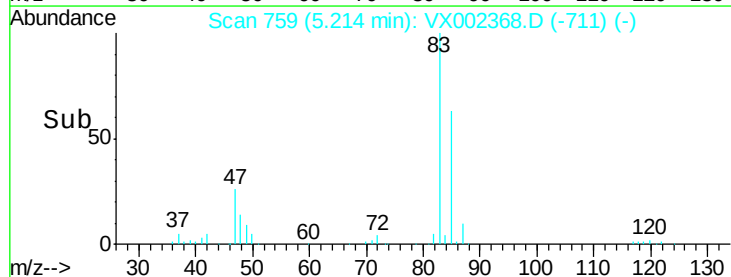
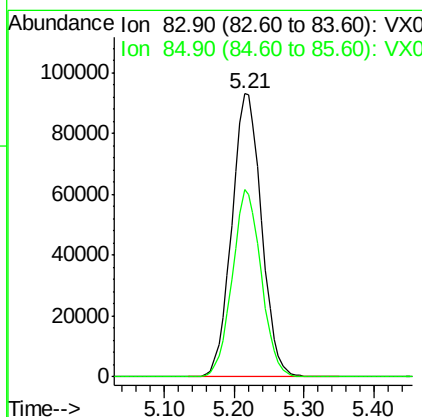
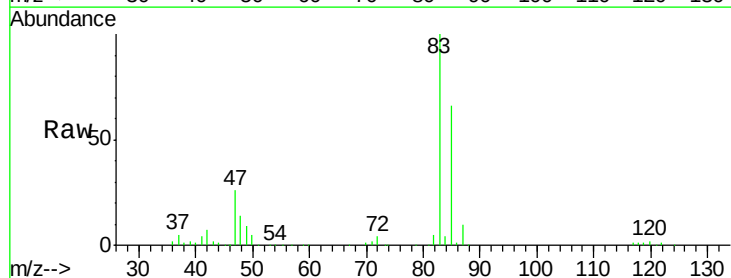
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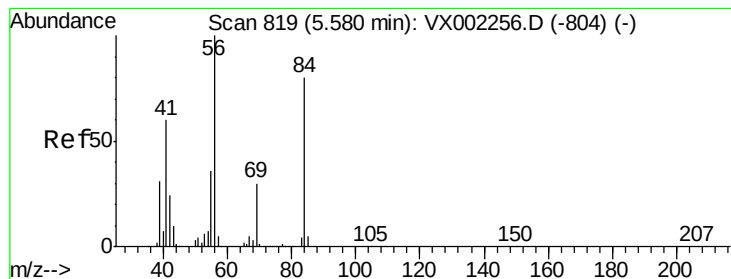
MMDadoda
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#30
Chloroform
Concen: 46.678 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	274203		
85	66.2		50.4	75.6





#31

Cyclohexane

Concen: 49.519 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

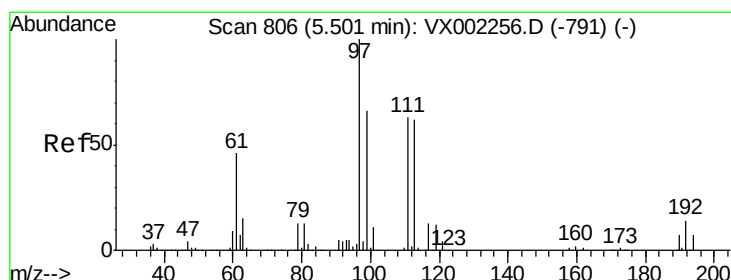
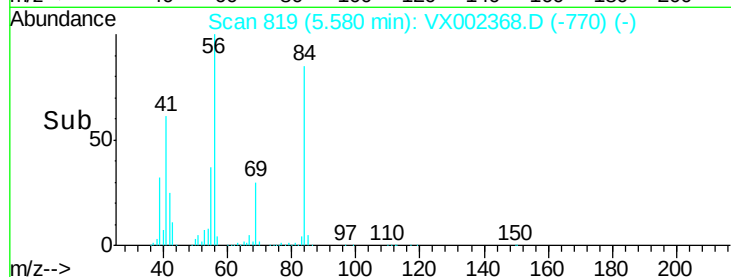
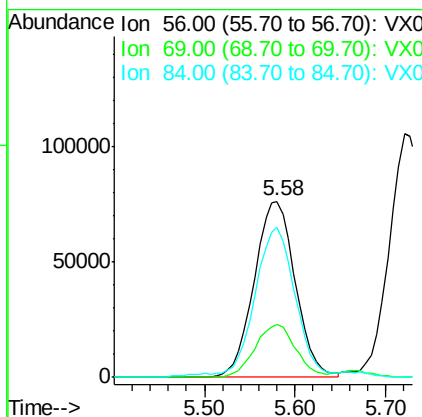
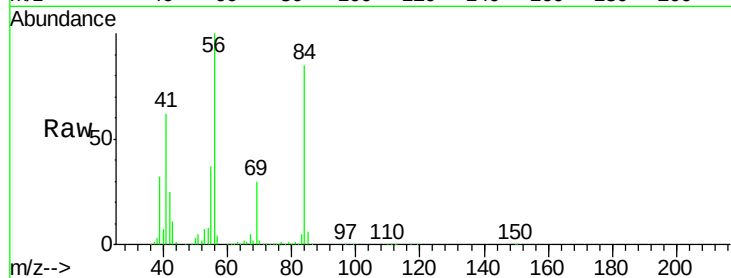
ClientSampled :

VSTDCCC050

Tgt Ion:	56	Resp:	238377
Ion Ratio	Lower	Upper	
56	100		
69	30.3	23.7	35.5
84	83.1	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 48.027 ug/l

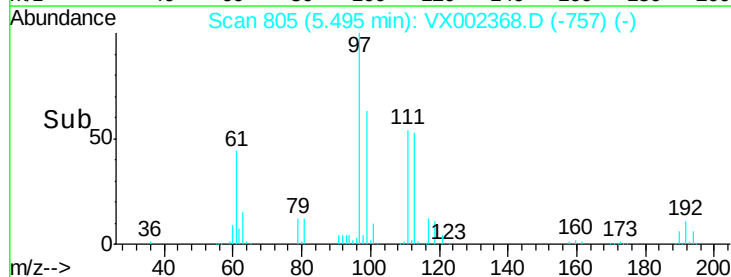
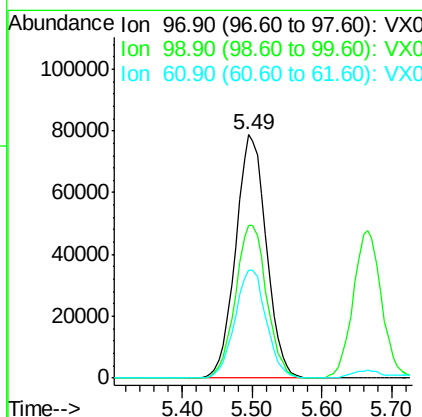
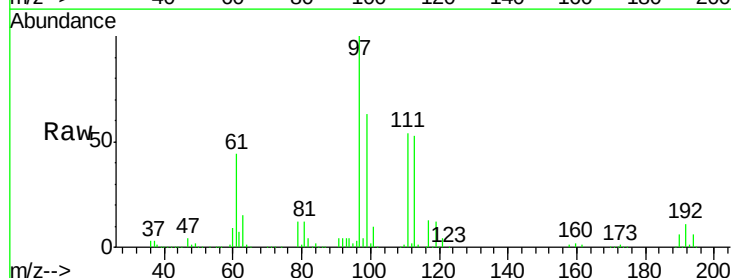
RT: 5.49 min Scan# 805

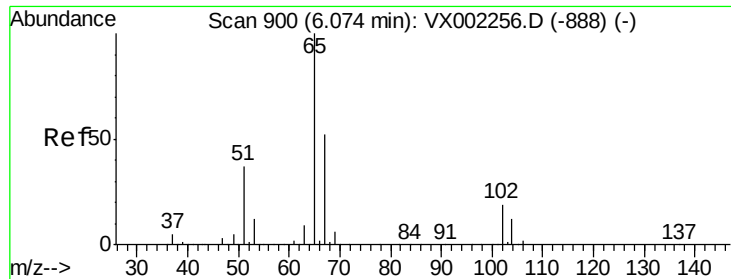
Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Tgt Ion:	97	Resp:	239264
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.6	77.4
61	45.6	36.4	54.6





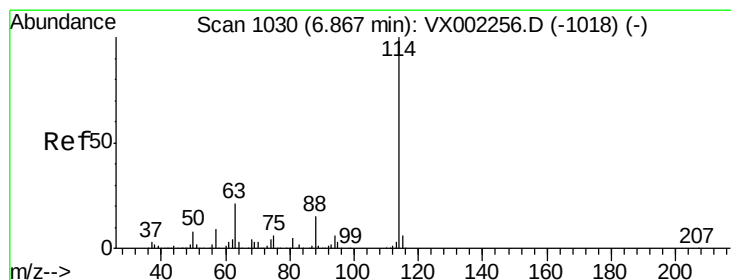
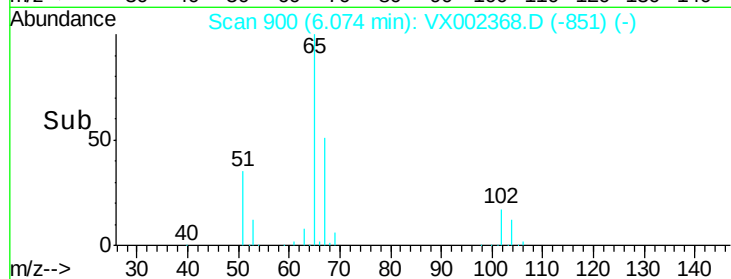
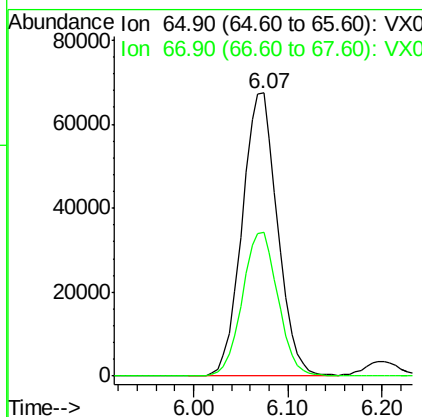
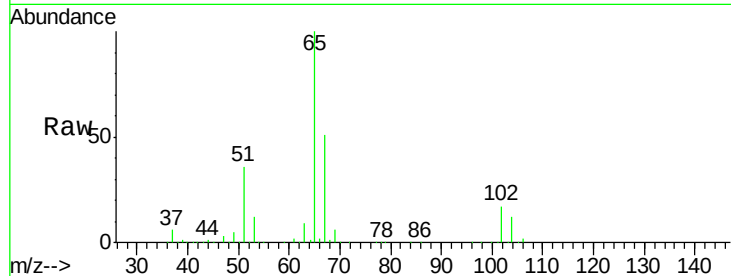
#33
 1,2-Dichloroethane-d4
 Concen: 46.314 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 177542
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6

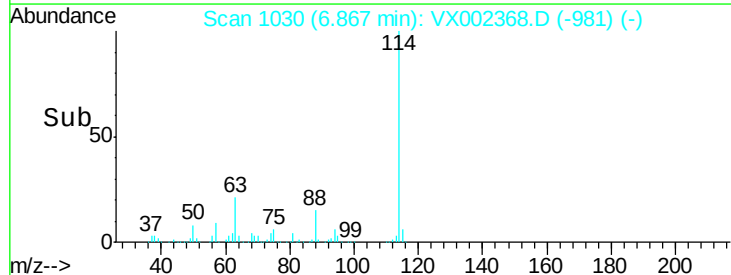
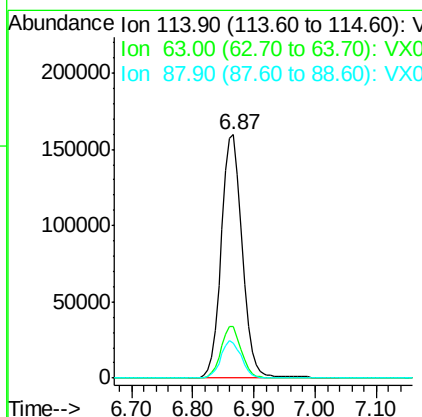
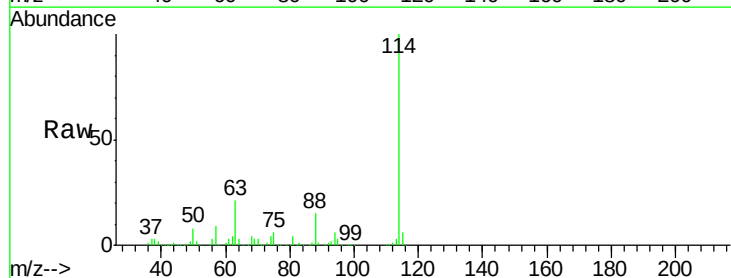
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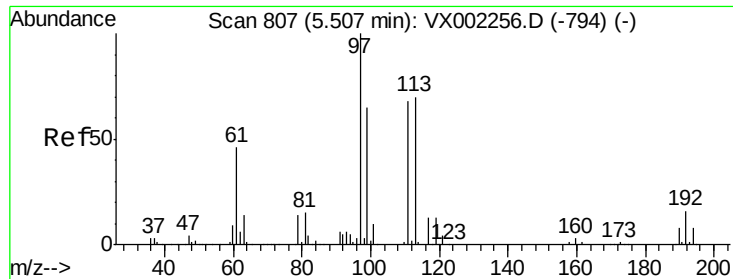
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion: 114 Resp: 380867
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 14.6 0.0 30.0





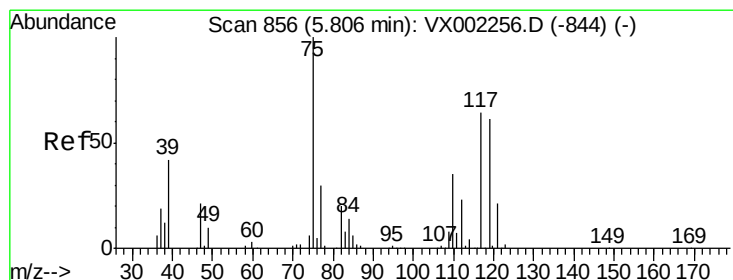
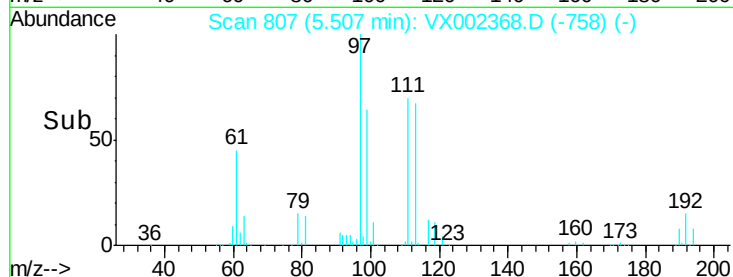
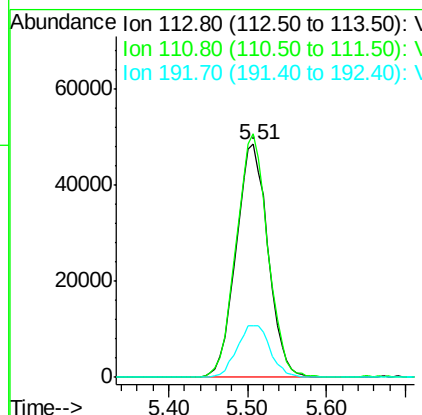
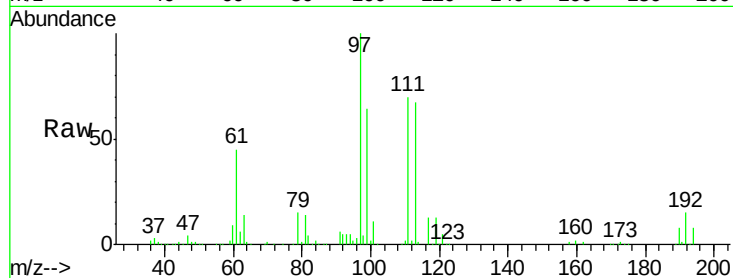
#35
Dibromofluoromethane
Concen: 45.798 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	137172		
111	103.1	81.4	122.0	
192	23.0	19.1	28.7	

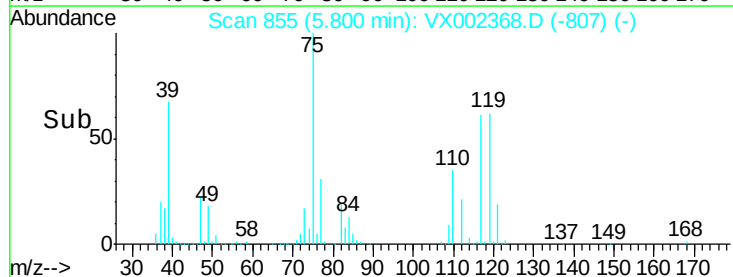
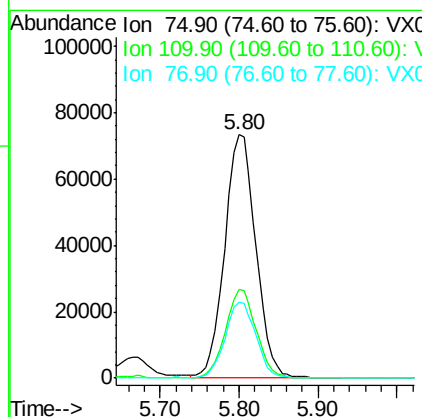
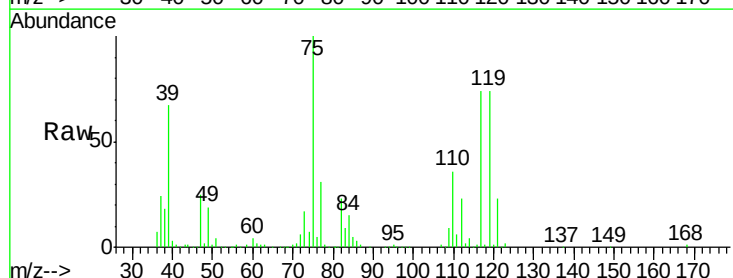
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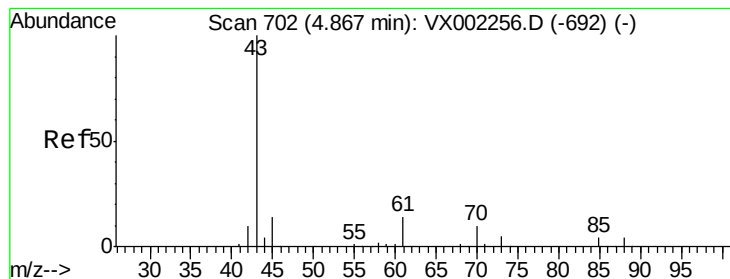
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#36
1,1-Dichloropropene
Concen: 49.969 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	200075		
110	36.1	18.1	54.4	
77	30.7	24.3	36.5	





#37

Ethyl Acetate

Concen: 45.655 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

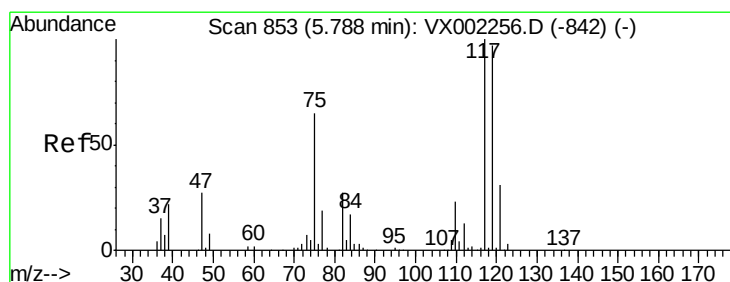
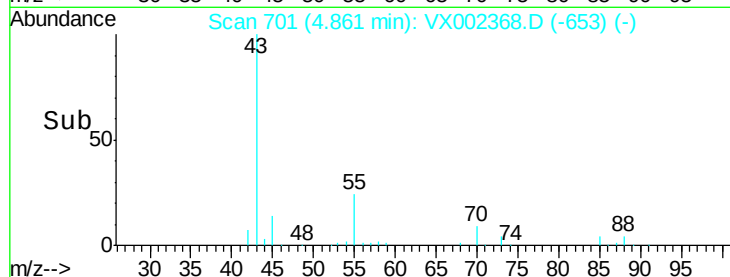
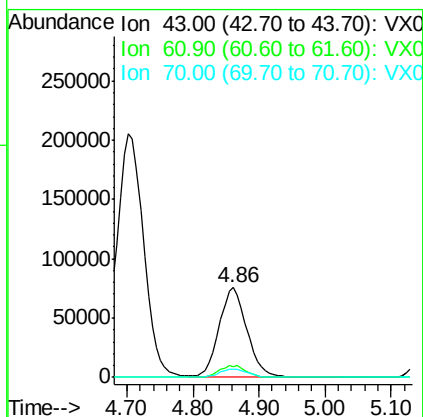
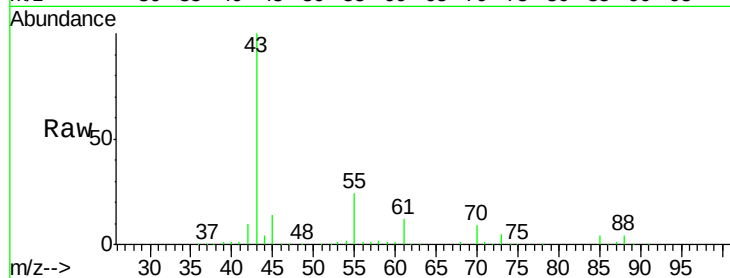
ClientSampled :

VSTDCCC050

Tgt Ion:	43	Resp:	219841
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	9.3	7.6	11.4

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#38

Carbon Tetrachloride

Concen: 50.002 ug/l

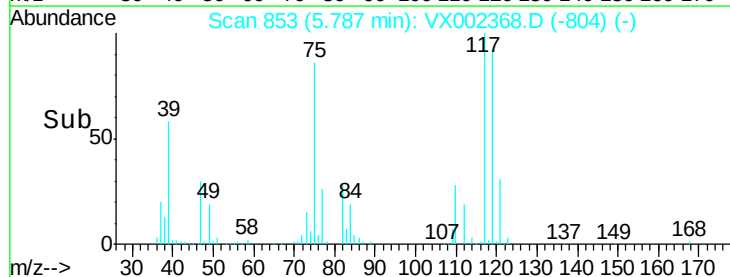
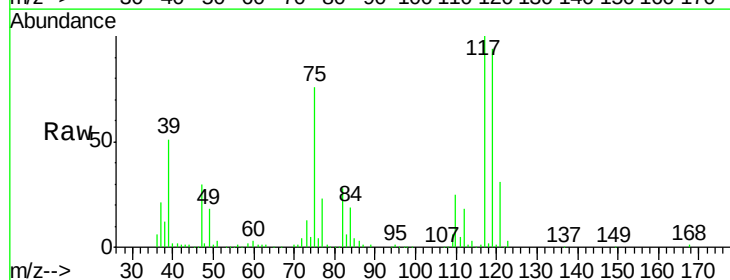
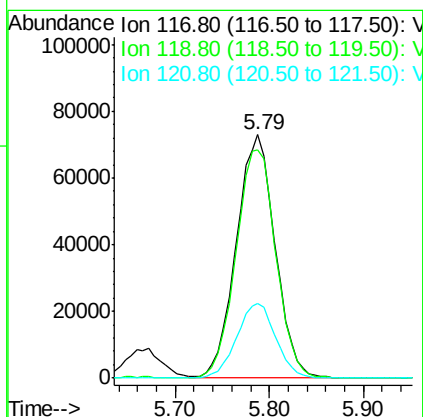
RT: 5.79 min Scan# 853

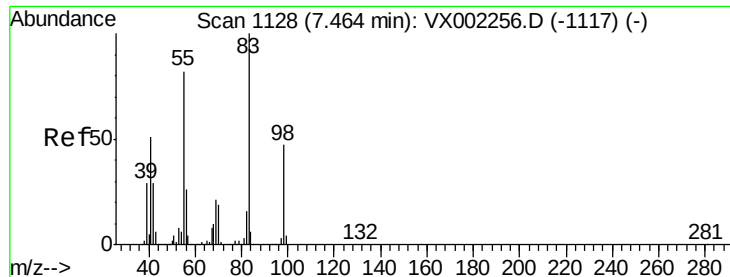
Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Tgt Ion:	117	Resp:	209446
Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.4	116.0
121	30.7	24.4	36.6





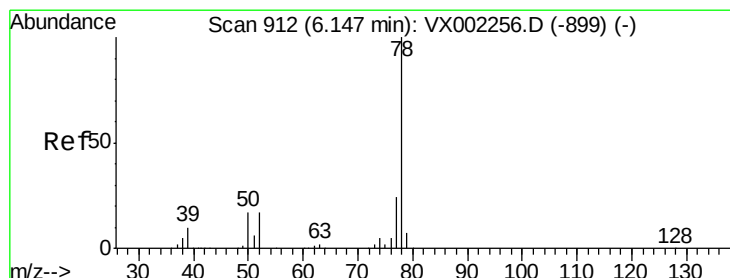
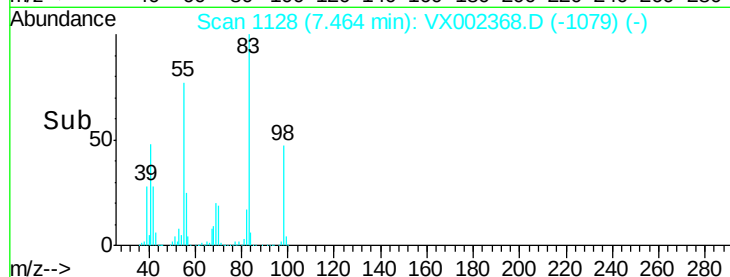
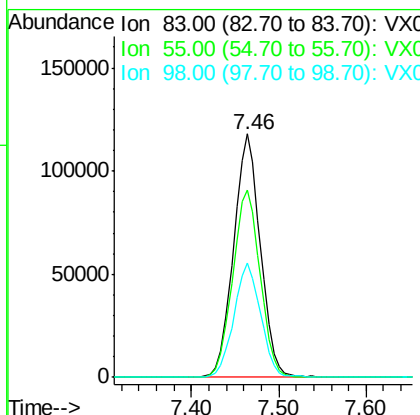
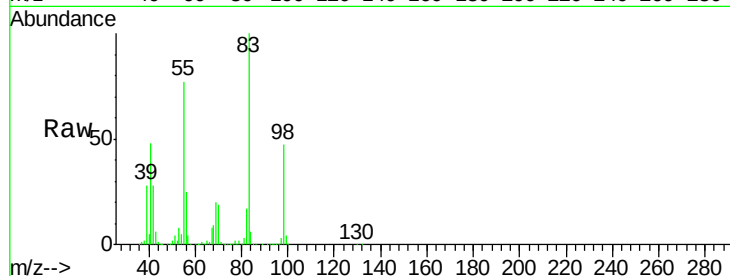
#39
Methylcyclohexane
Concen: 50.639 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	250514		
55	76.7	65.4	98.0	
98	47.0	37.4	56.0	

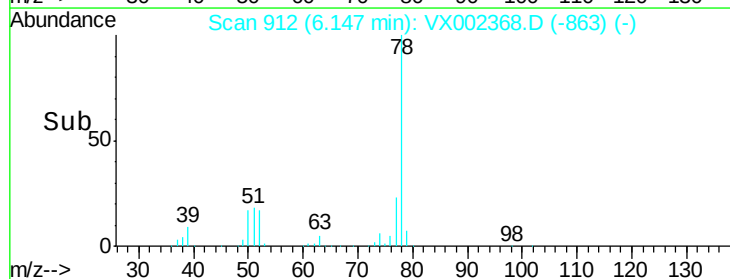
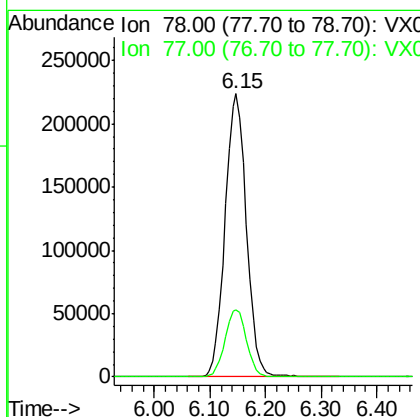
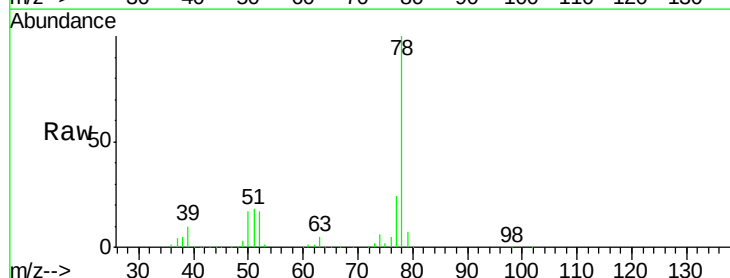
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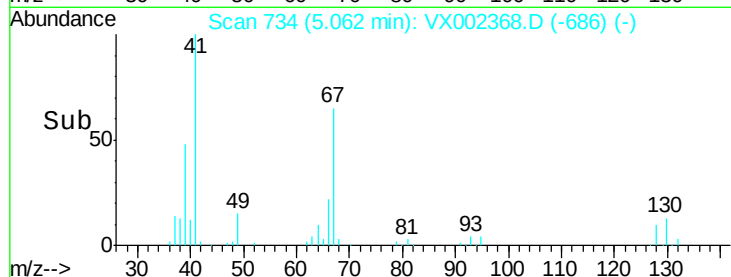
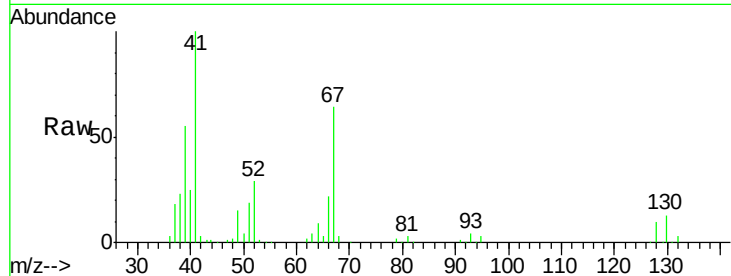
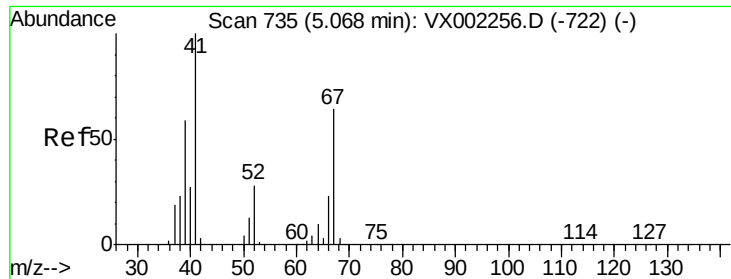
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#40
Benzene
Concen: 48.364 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	593757		
77	23.8	19.1	28.7	





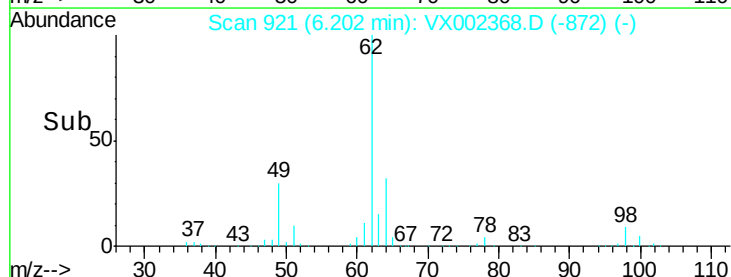
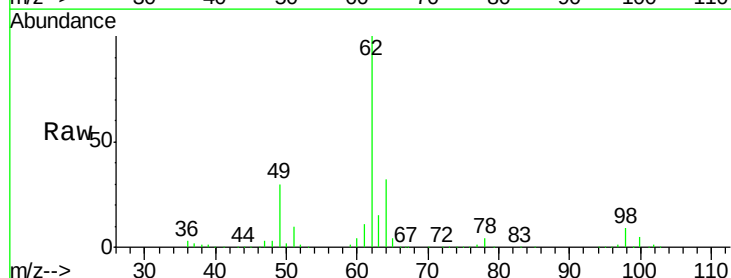
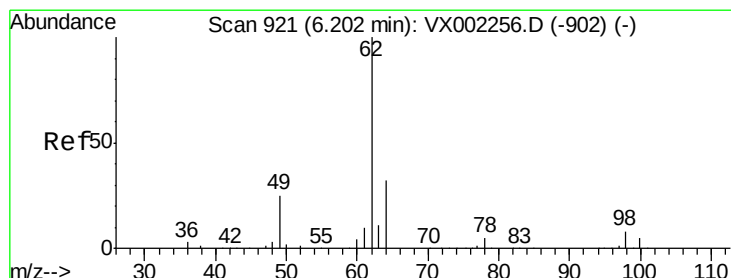
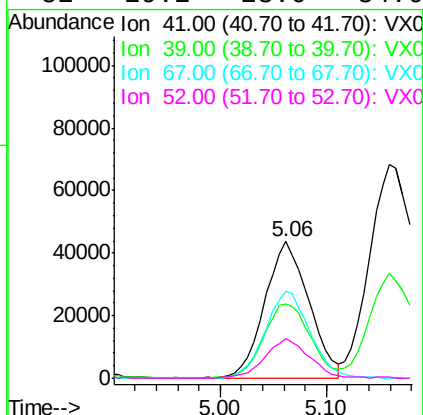
#41
Methacrylonitrile
Concen: 45.315 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
41	100		124910		
39	57.5	45.8	68.6		
67	64.6	51.3	76.9		
52	29.2	23.0	34.6		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

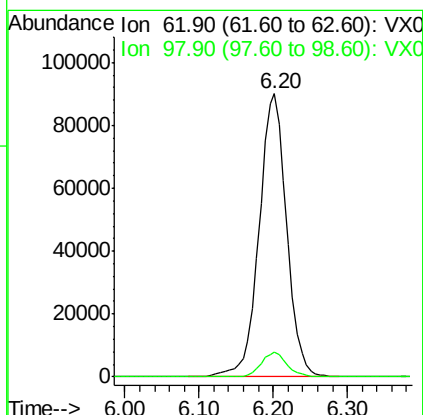
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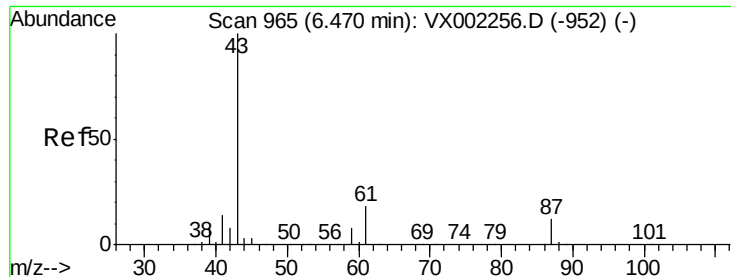
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#42
1,2-Dichloroethane
Concen: 47.621 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		232281		
98	8.2	0.0	16.6		





#43

Isopropyl Acetate

Concen: 46.196 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

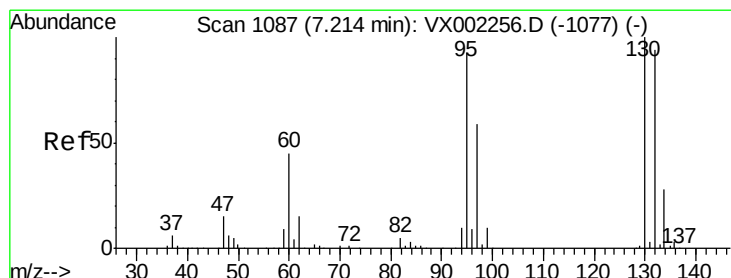
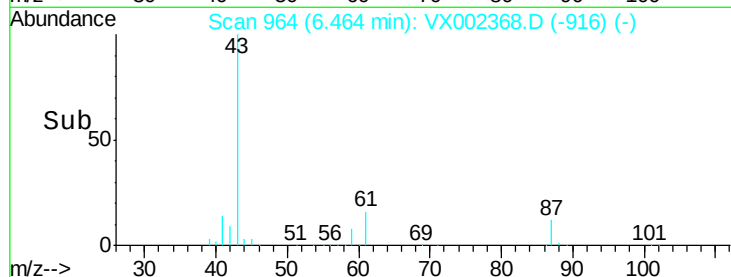
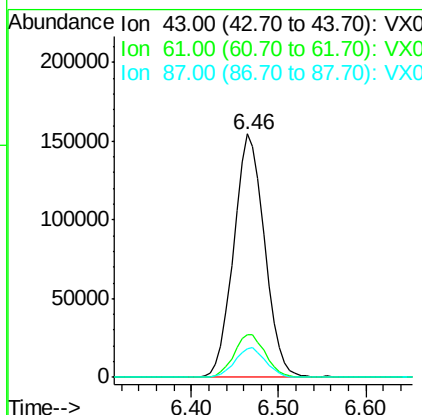
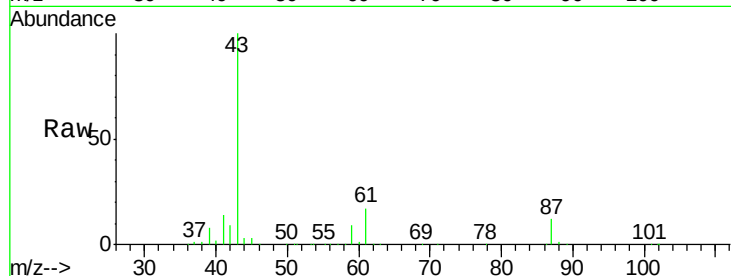
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	377830
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	12.1	9.5	14.3

Manual Integrations
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#44

Trichloroethene

Concen: 50.150 ug/l

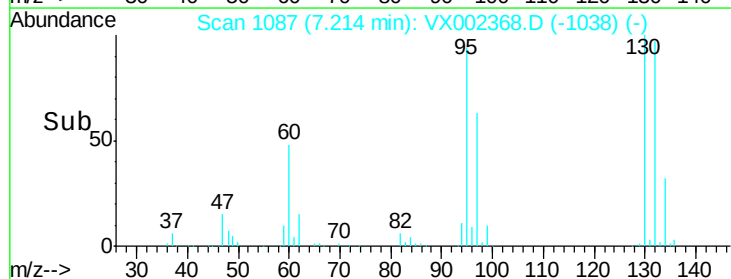
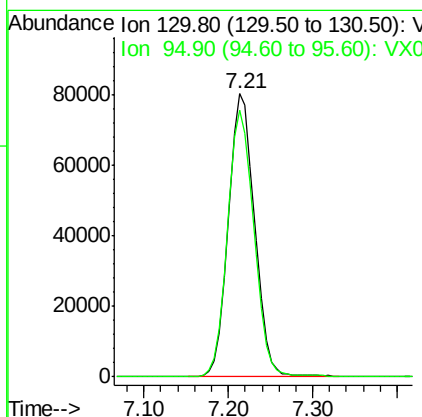
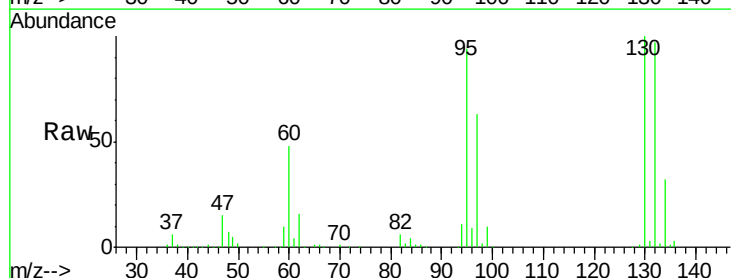
RT: 7.21 min Scan# 1087

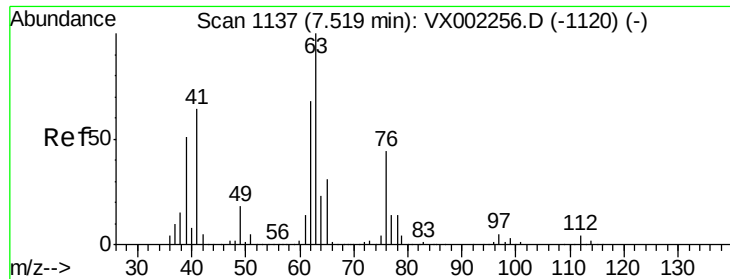
Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Tgt Ion:	130	Resp:	170878
Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	185.4





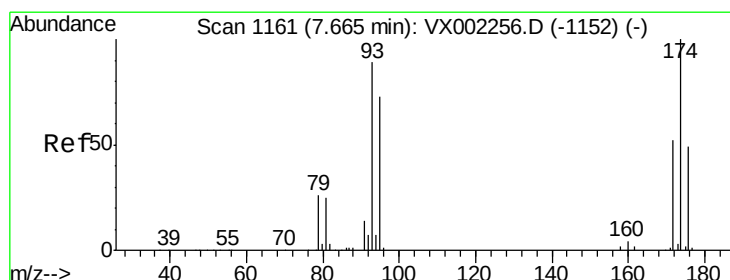
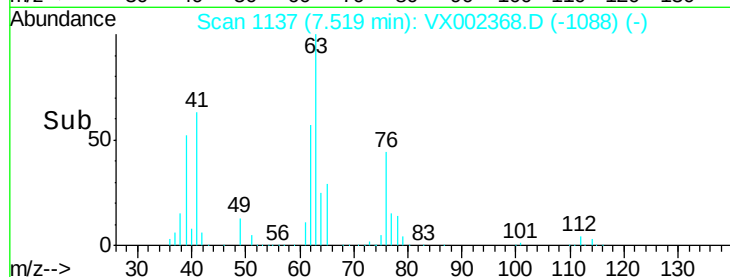
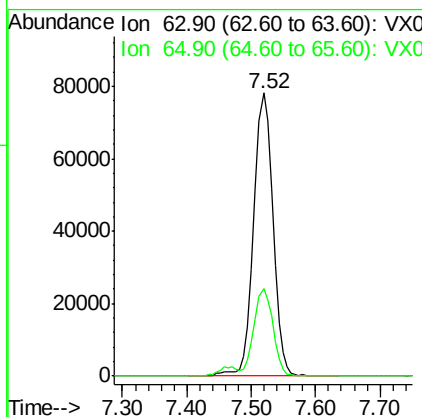
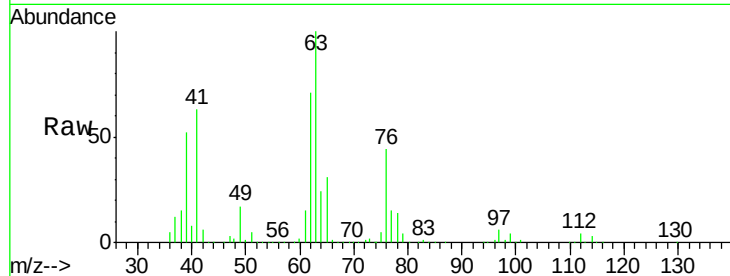
#45
 1,2-Dichloropropane
 Concen: 48.201 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 159756
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1

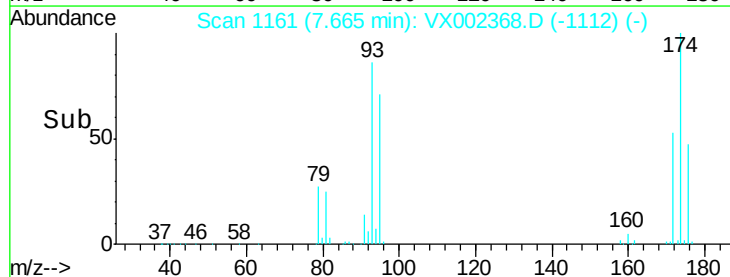
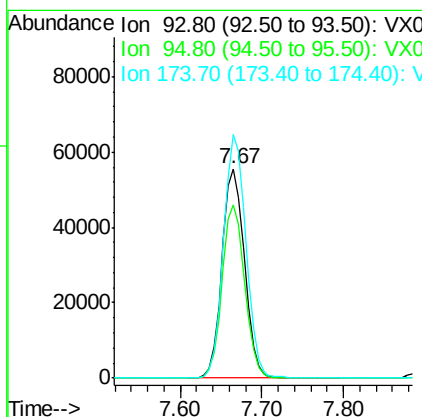
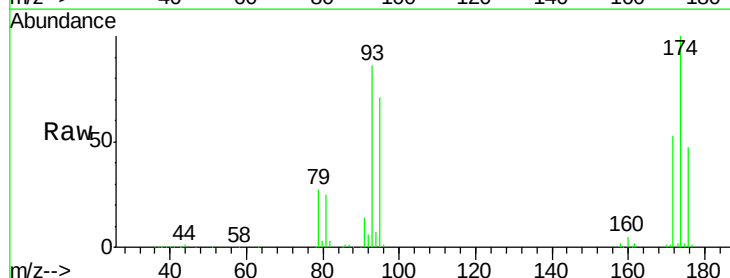
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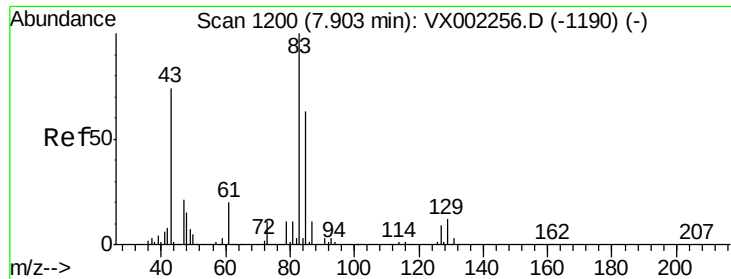
MMDadoda
 6/8/2018 1:20:22 PM



#46
 Dibromomethane
 Concen: 47.268 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion: 93 Resp: 106202
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.9 98.9
 174 115.8 92.4 138.6





#47

Bromodichloromethane

Concen: 48.823 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

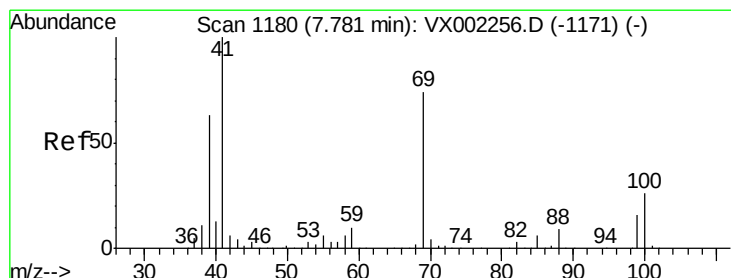
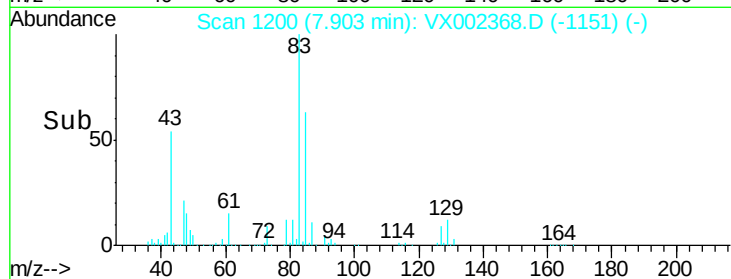
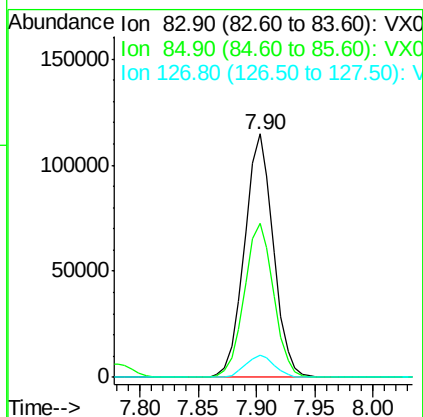
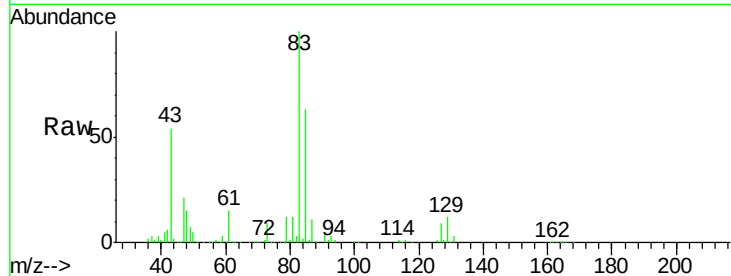
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	198397
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.3	75.5
127	9.0	7.0	10.4

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#48

Methyl methacrylate

Concen: 47.437 ug/l

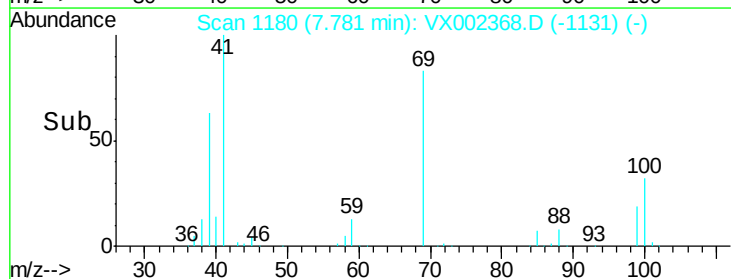
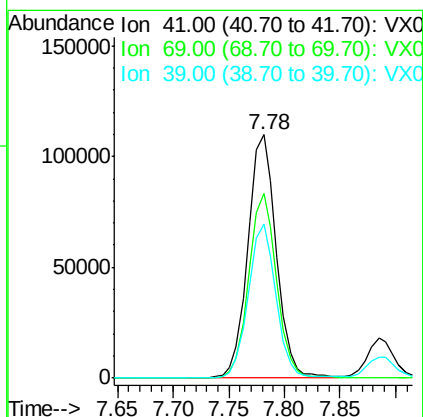
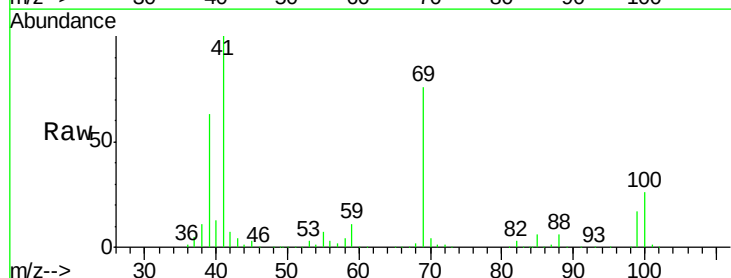
RT: 7.78 min Scan# 1180

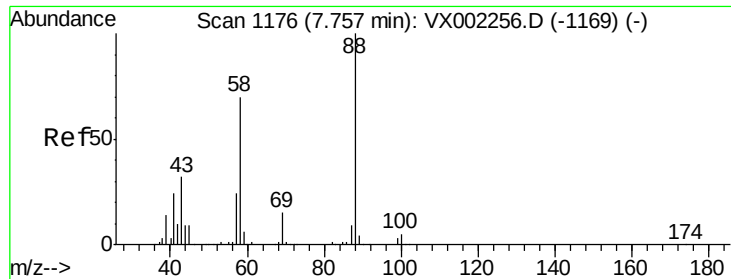
Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Tgt Ion:	41	Resp:	194886
Ion	Ratio	Lower	Upper
41	100		
69	74.8	59.1	88.7
39	61.7	48.9	73.3





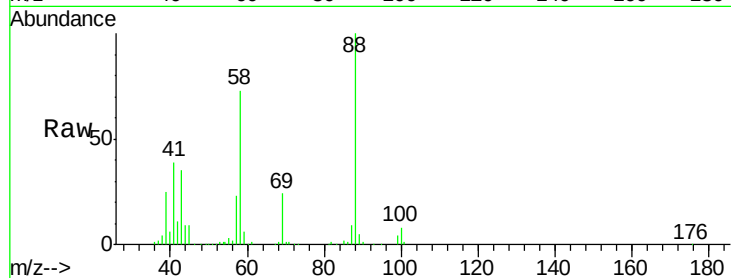
#49
1,4-Dioxane
Concen: 934.493 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

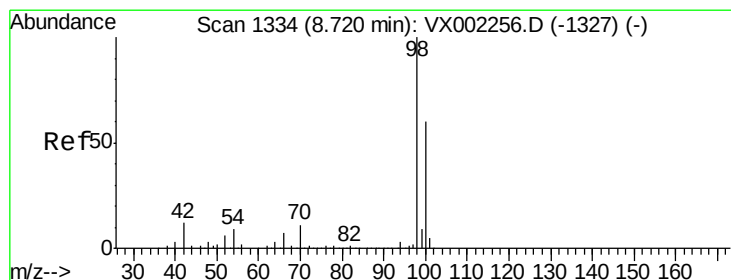
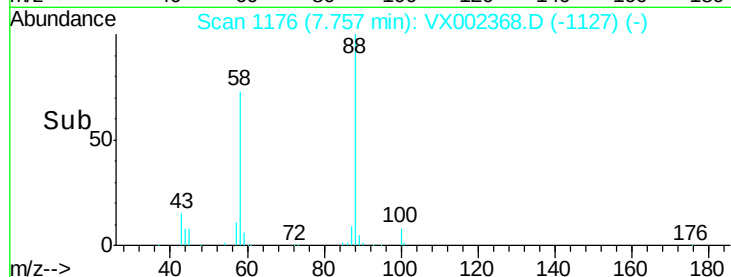
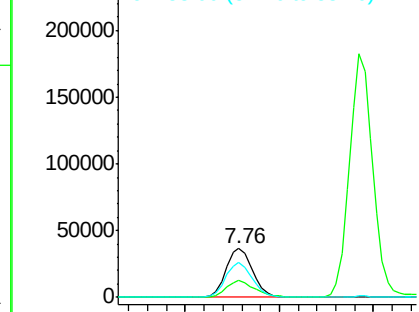
Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.3	29.8	44.6
58	71.9	57.1	85.7

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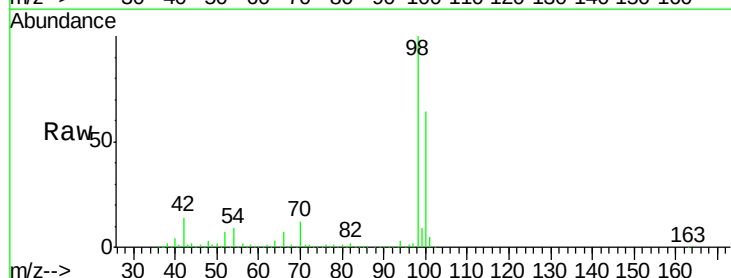


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

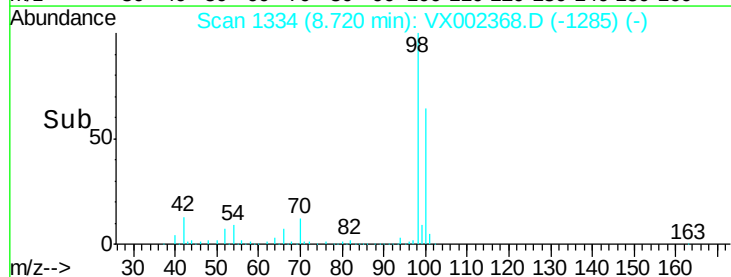
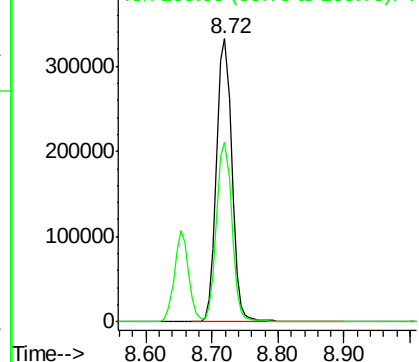


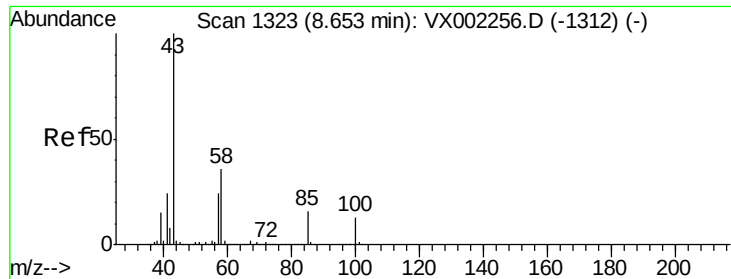
#50
Toluene-d8
Concen: 46.644 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





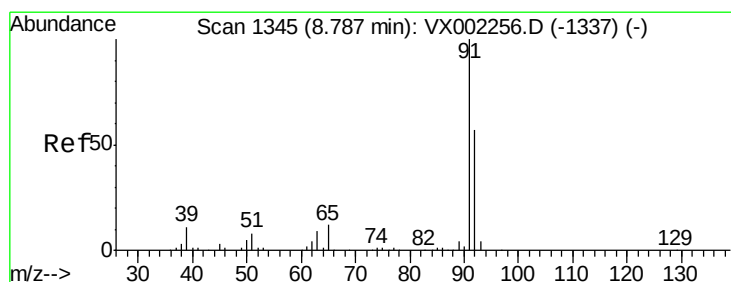
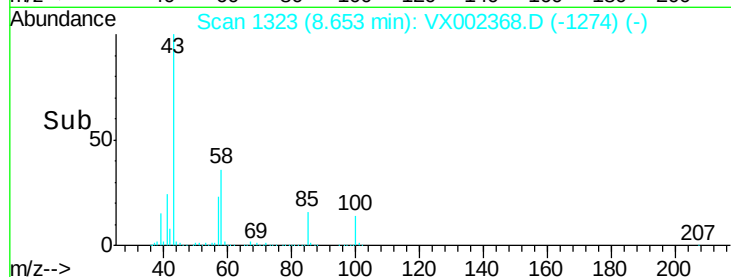
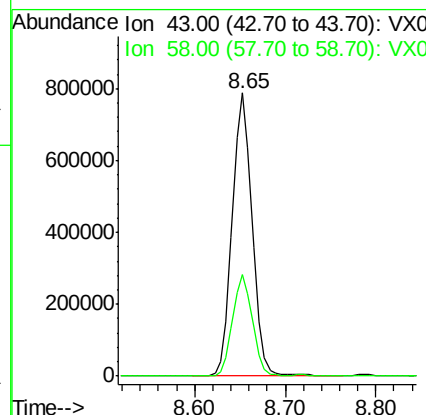
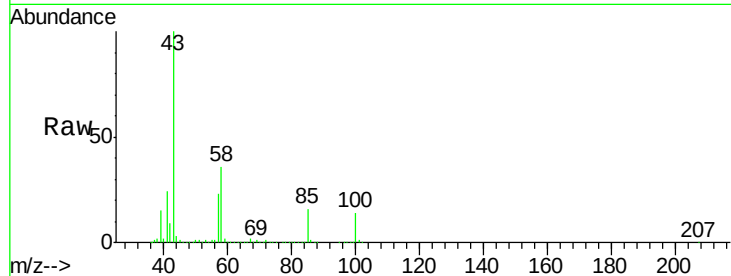
#51
 4-Methyl-2-Pentanone
 Concen: 236.721 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1205690
 Ion Ratio Lower Upper
 43 100
 58 35.6 28.6 42.8

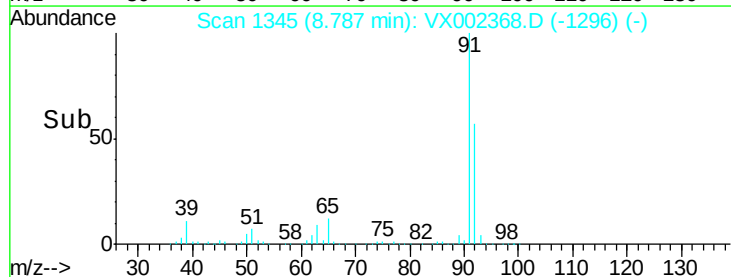
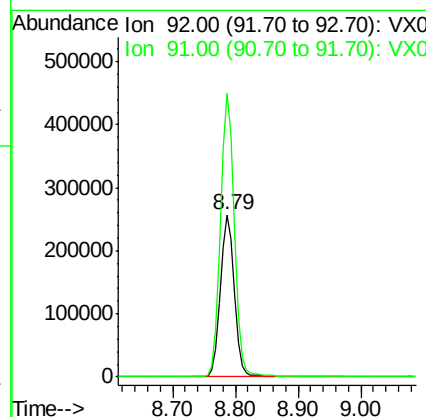
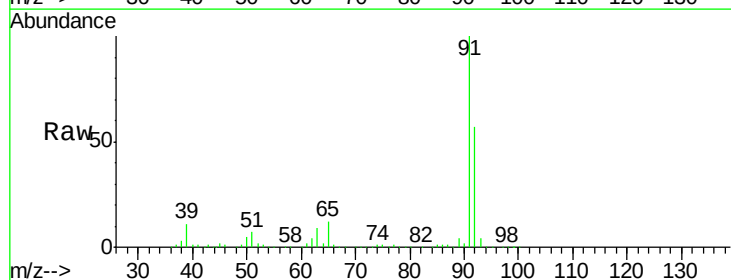
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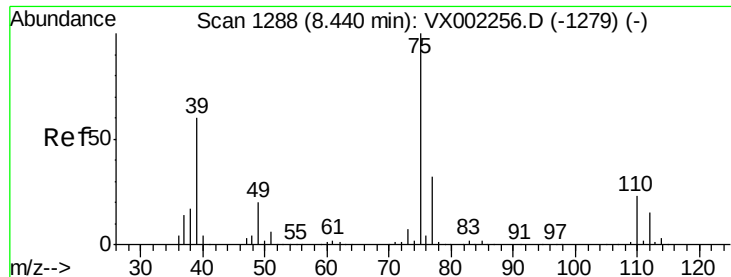
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#52
 Toluene
 Concen: 50.657 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion: 92 Resp: 395546
 Ion Ratio Lower Upper
 92 100
 91 174.7 140.4 210.6





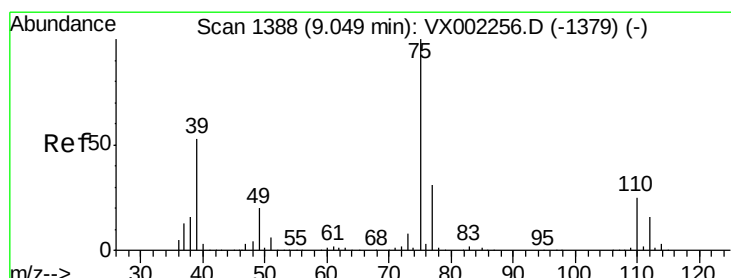
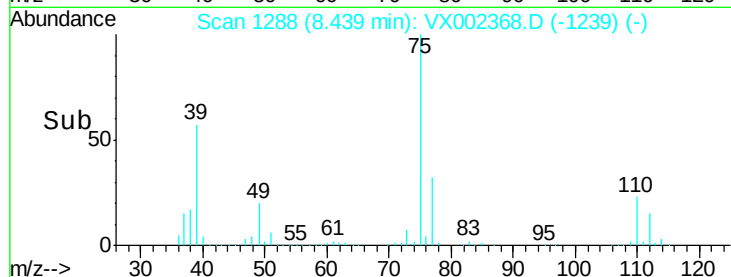
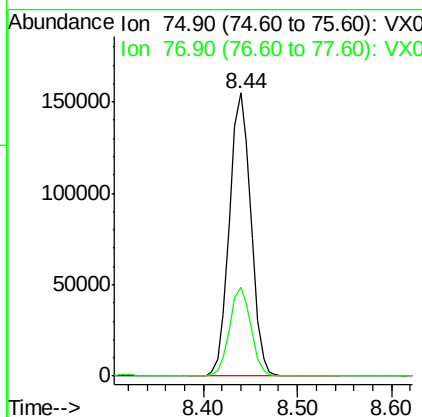
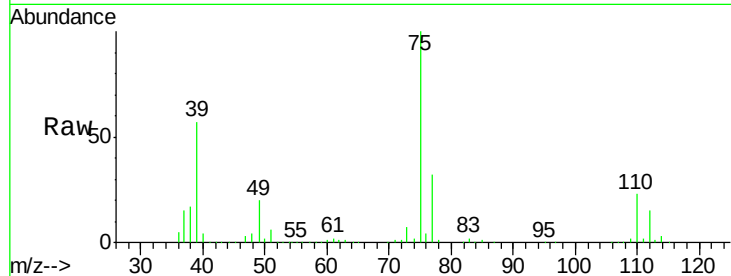
#53
t-1,3-Dichloropropene
Concen: 50.367 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 245444
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

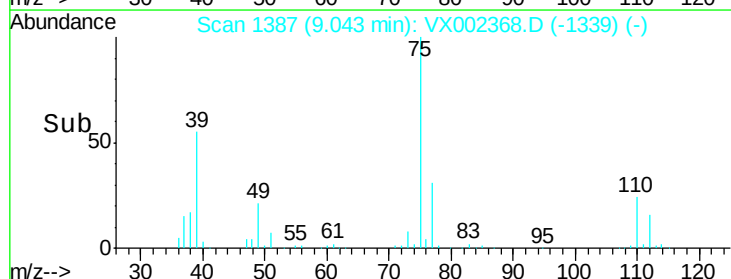
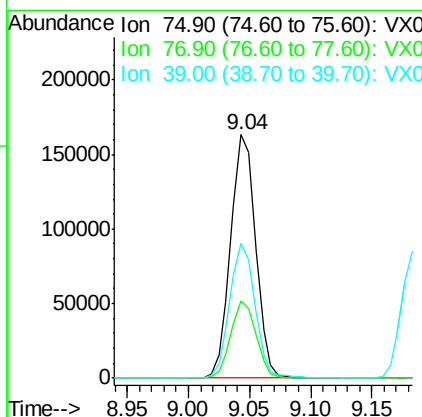
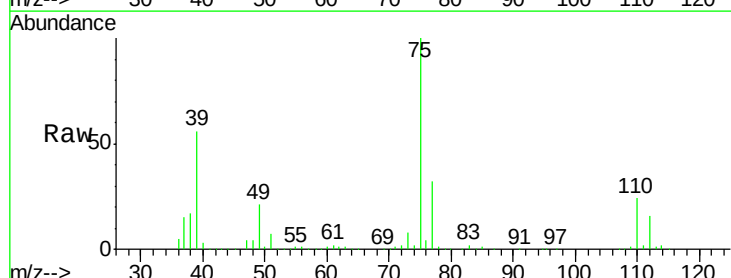
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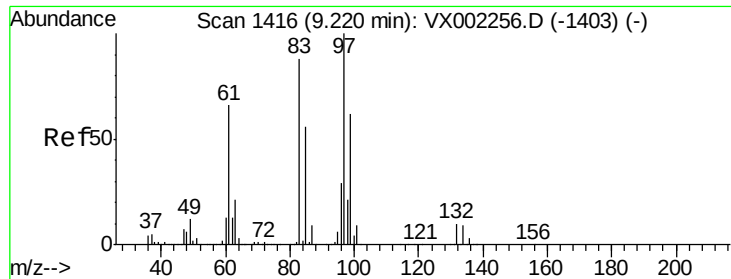
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#54
cis-1,3-Dichloropropene
Concen: 50.060 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion: 75 Resp: 230150
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 55.5 42.4 63.6





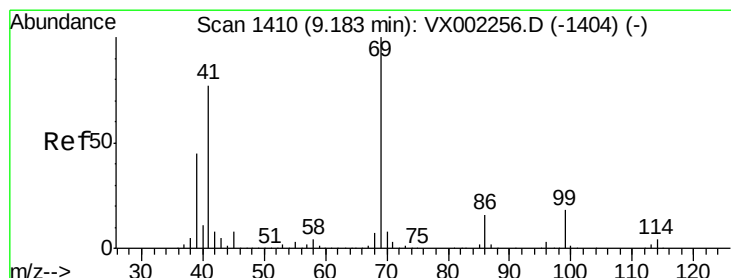
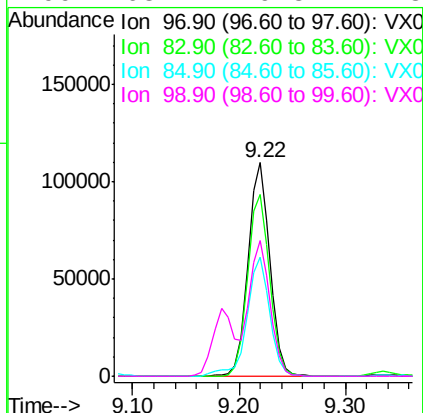
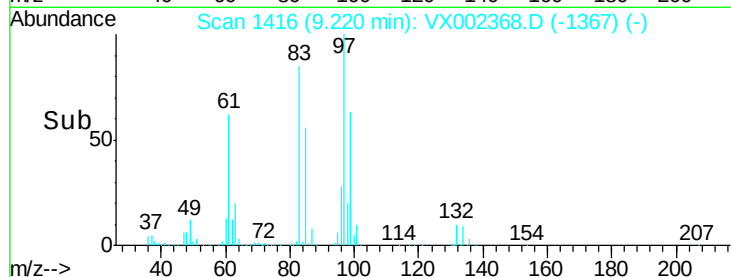
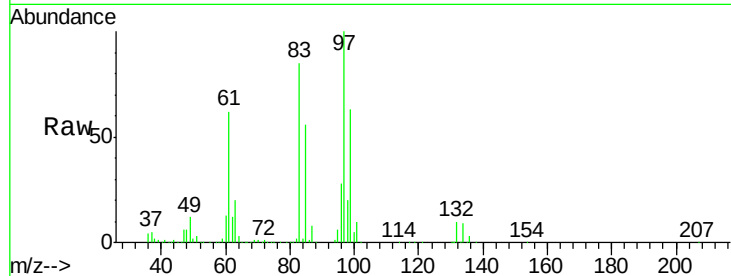
#55
 1,1,2-Trichloroethane
 Concen: 49.195 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.2	105.2
85	55.9	44.9	67.3
99	63.2	49.8	74.8

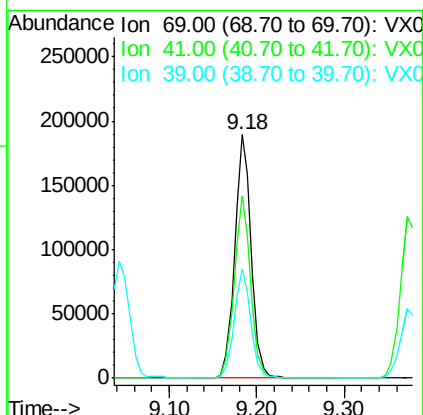
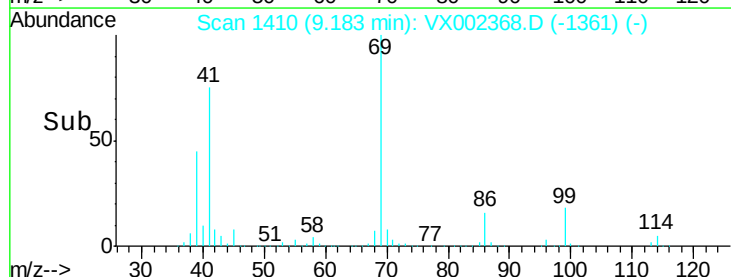
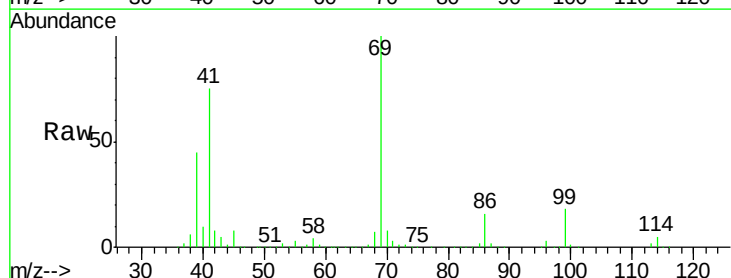
Manual Integrations
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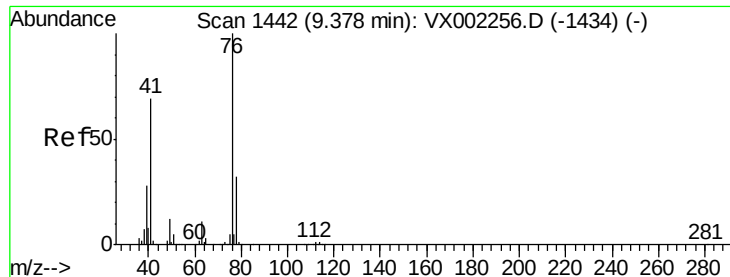
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#56
 Ethyl methacrylate
 Concen: 48.732 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.4	60.3	90.5
39	45.1	35.8	53.8





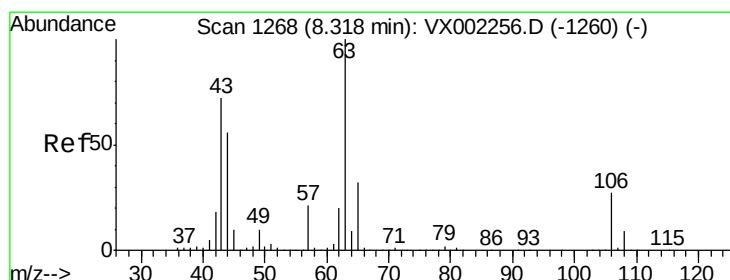
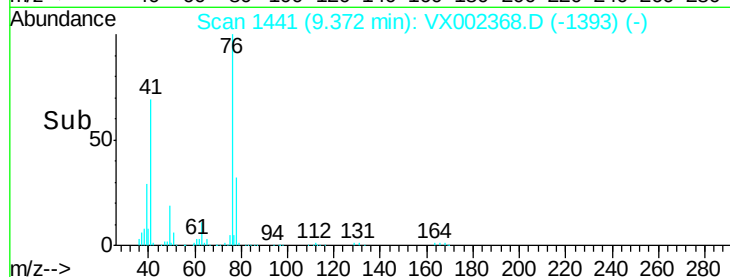
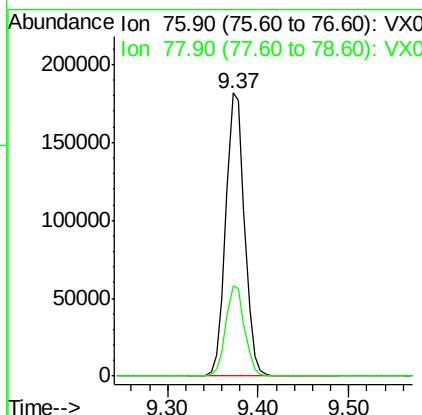
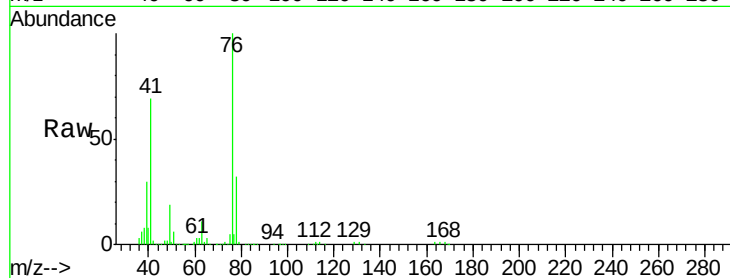
#57
 1,3-Dichloropropane
 Concen: 48.453 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 261049
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6

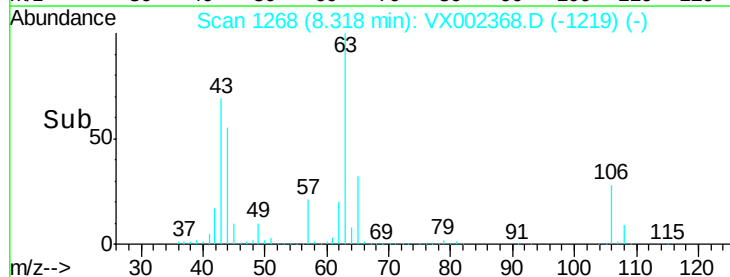
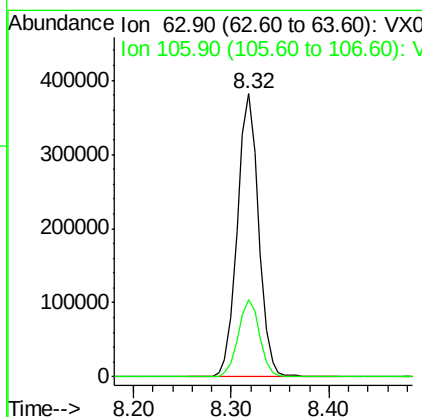
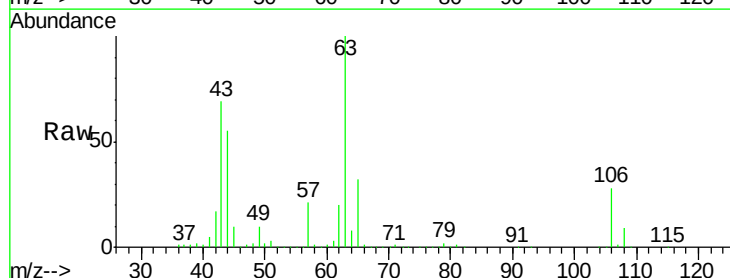
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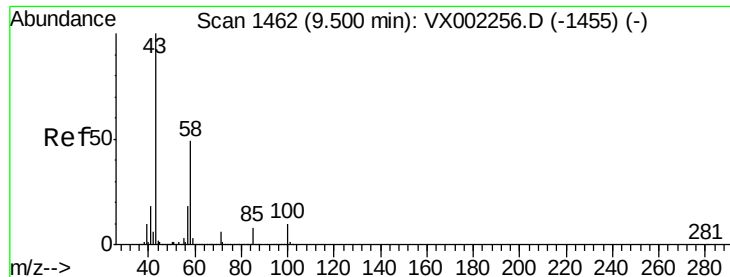
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#58
 2-Chloroethyl Vinyl ether
 Concen: 243.104 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion: 63 Resp: 576906
 Ion Ratio Lower Upper
 63 100
 106 27.6 21.8 32.8





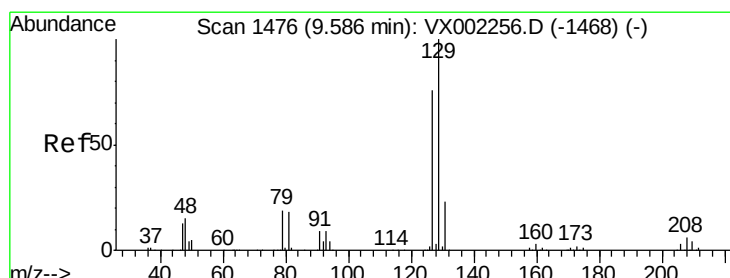
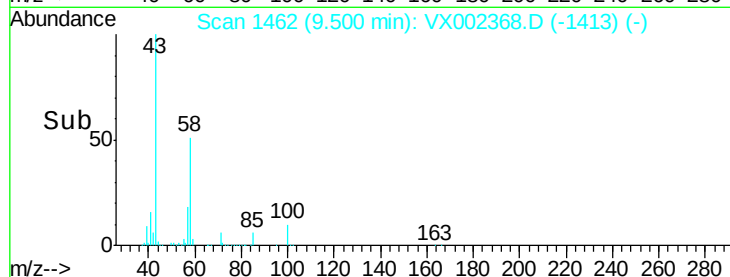
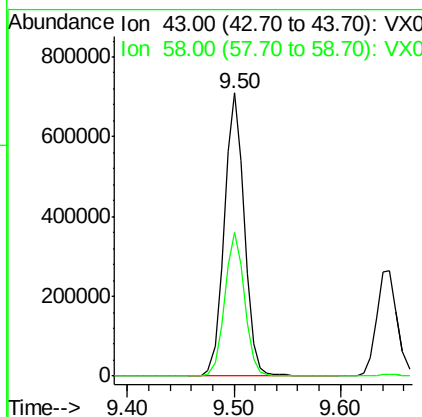
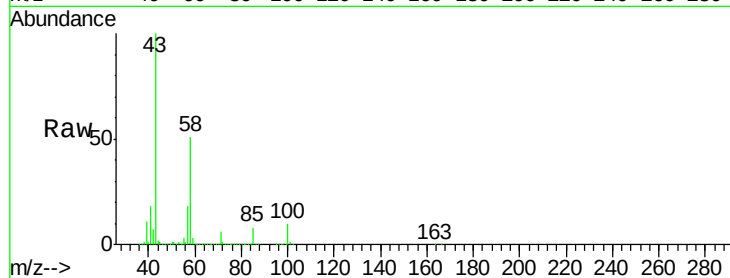
#59
2-Hexanone
Concen: 238.493 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 938253
Ion Ratio Lower Upper
43 100
58 50.2 24.6 73.6

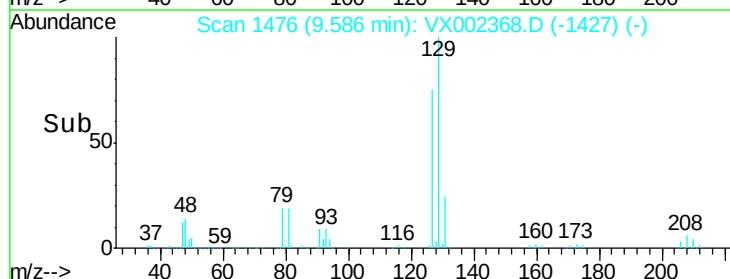
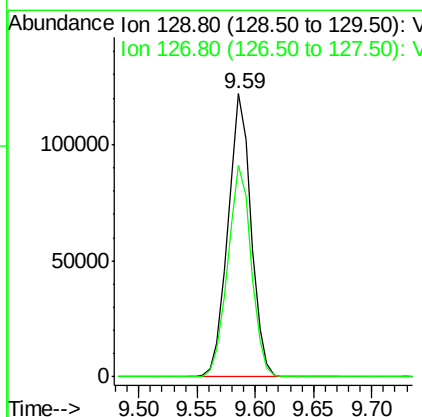
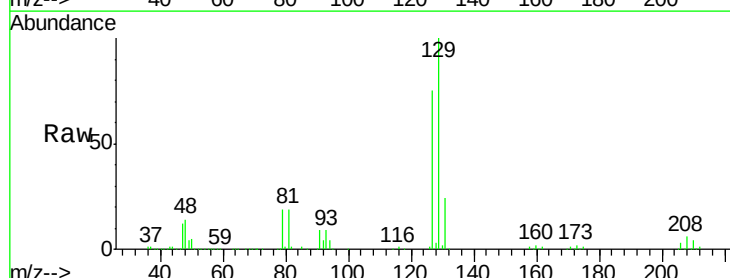
Manual Integrations
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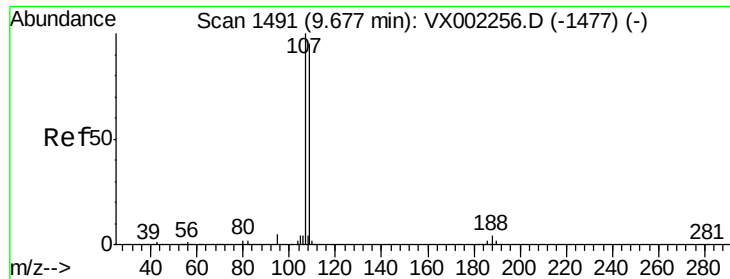
MMDadoda
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#60
Dibromochloromethane
Concen: 52.017 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion: 129 Resp: 168028
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 49.774 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 166672

Ion Ratio Lower Upper

107 100

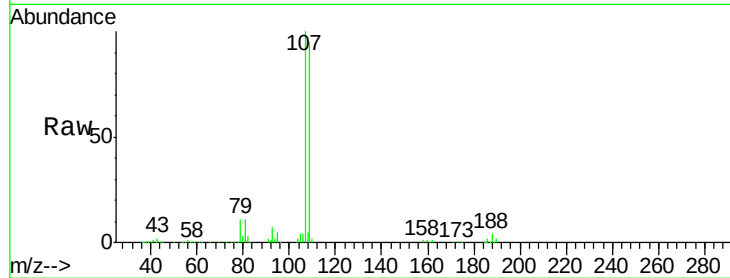
109 95.6 75.3 112.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

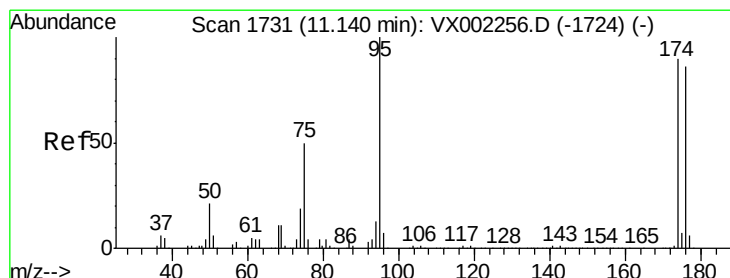
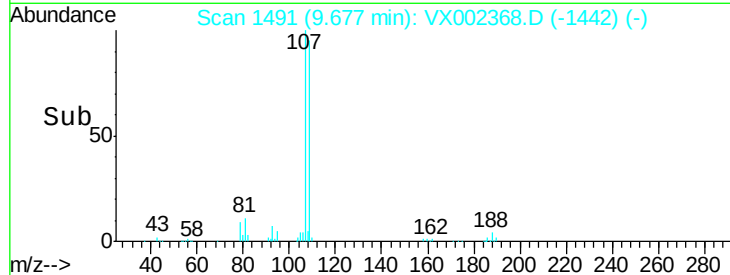
9.68

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.941 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

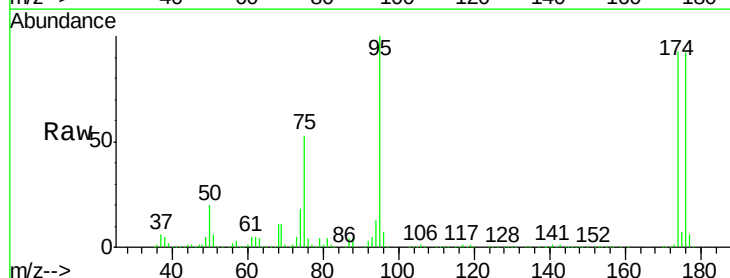
Tgt Ion: 95 Resp: 207808

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

176 94.1 0.0 181.0



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

11.14

200000

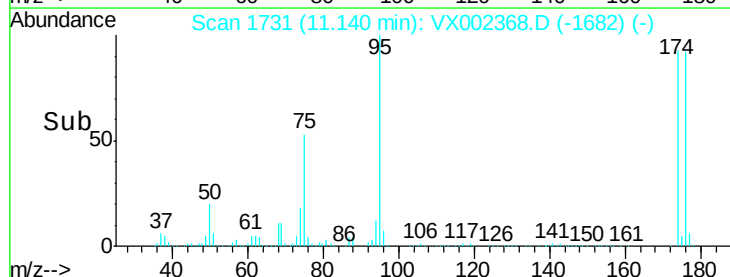
150000

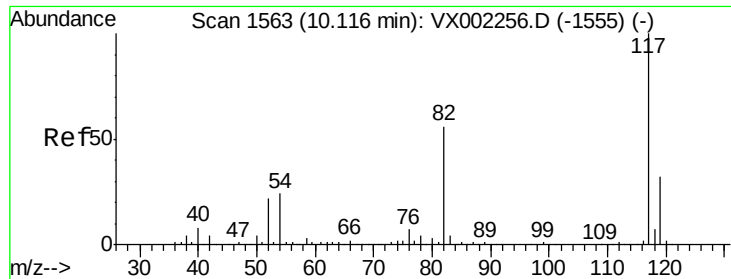
100000

50000

0

Time-->





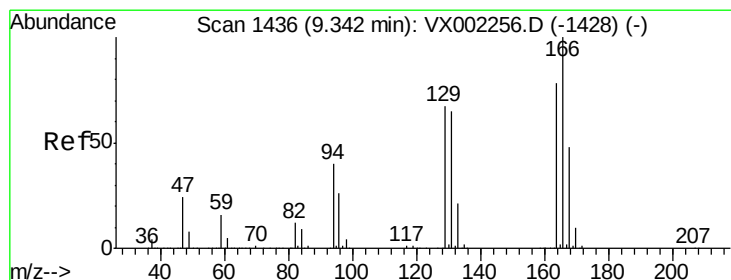
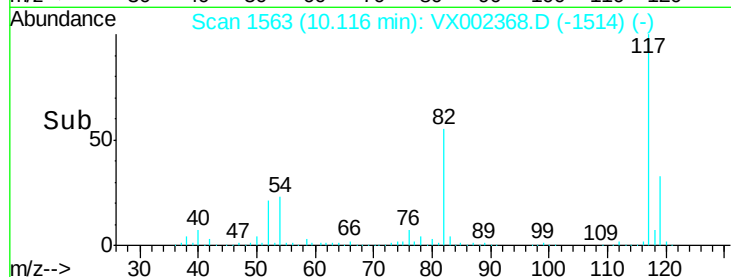
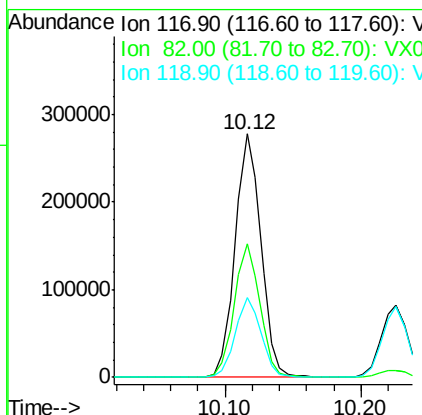
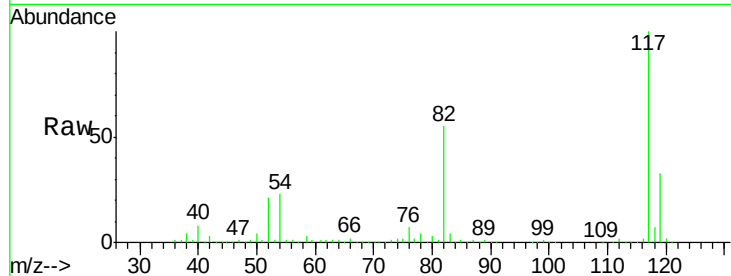
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	368056		
82	55.0	45.0	67.4	
119	32.6	25.8	38.6	

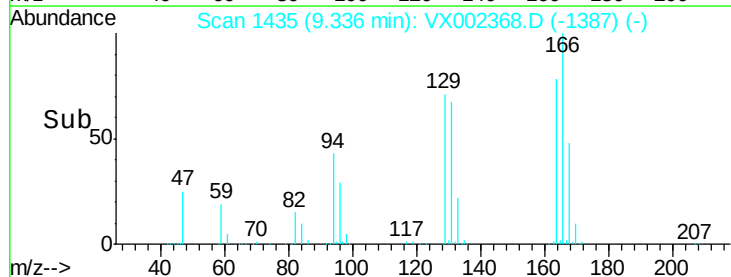
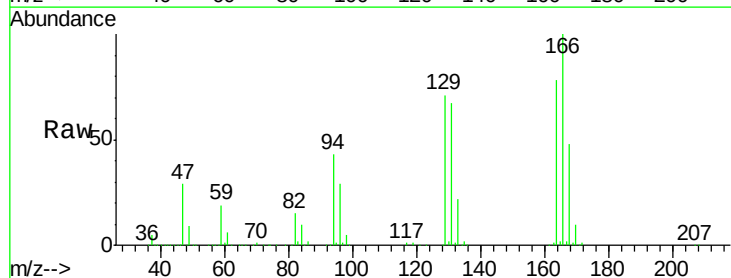
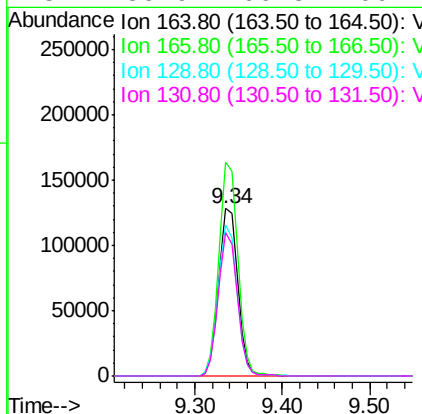
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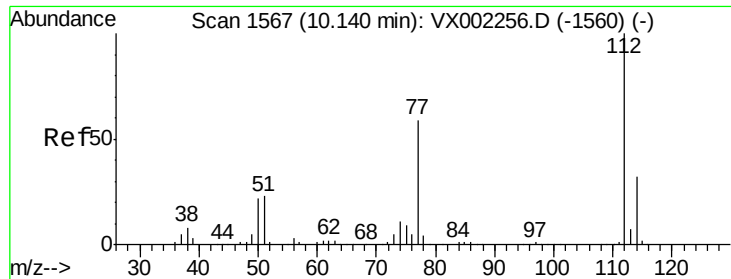
MMDadoda
6/8/2018 1:20:22 PM



#64
Tetrachloroethene
Concen: 51.001 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	193594		
166	127.6	102.9	154.3	
129	90.5	68.6	102.8	
131	85.9	66.8	100.2	





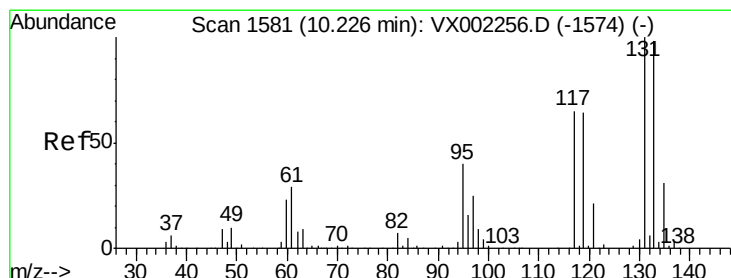
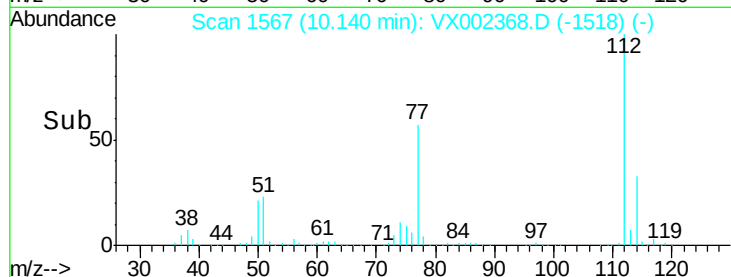
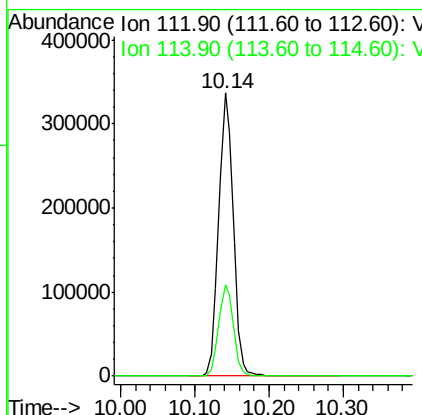
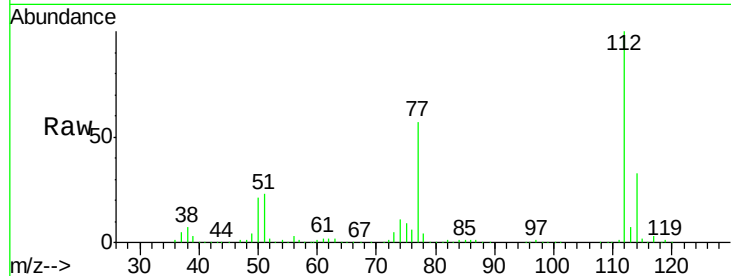
#65
Chlorobenzene
Concen: 49.834 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 456391
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9

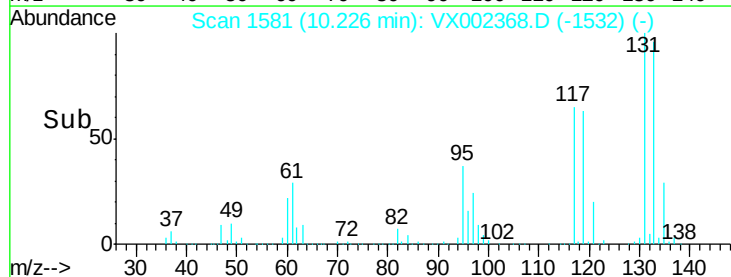
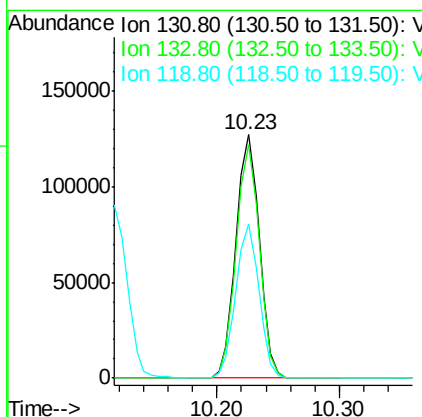
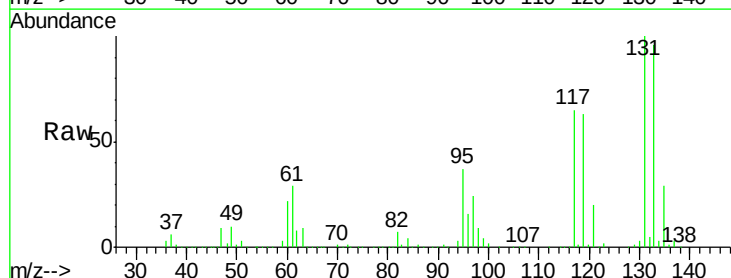
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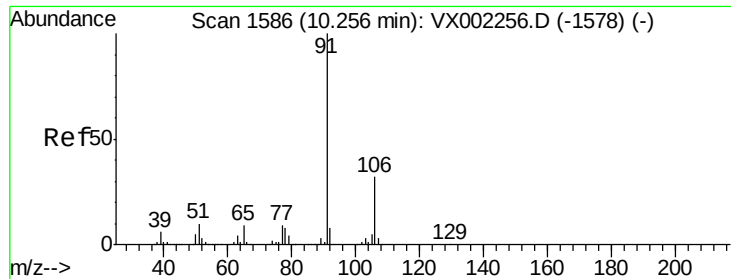
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.948 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion:131 Resp: 168949
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 62.6 31.8 95.3





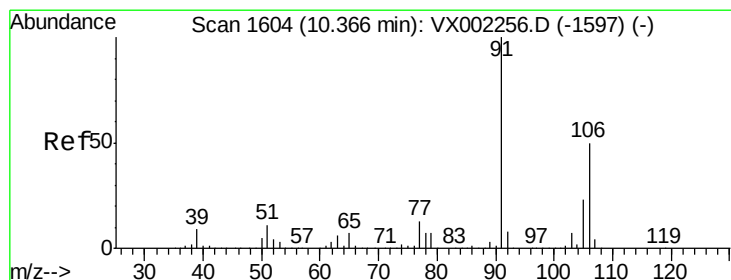
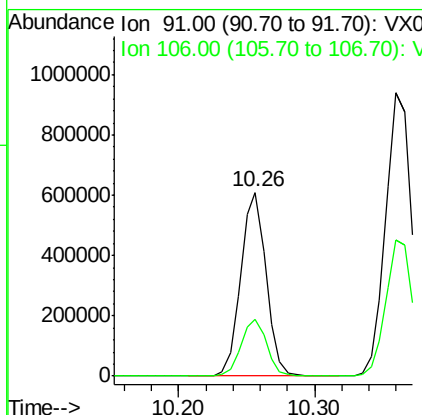
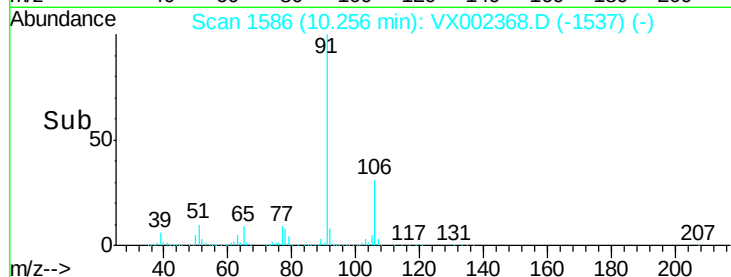
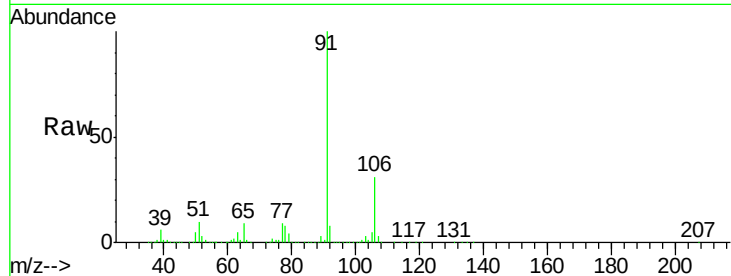
#67
Ethyl Benzene
Concen: 51.628 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 91 Resp: 791283
Ion Ratio Lower Upper
91 100
106 31.0 25.5 38.3

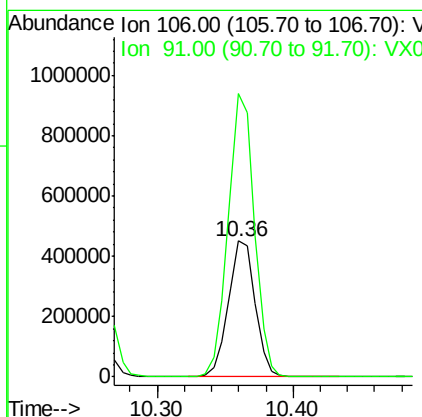
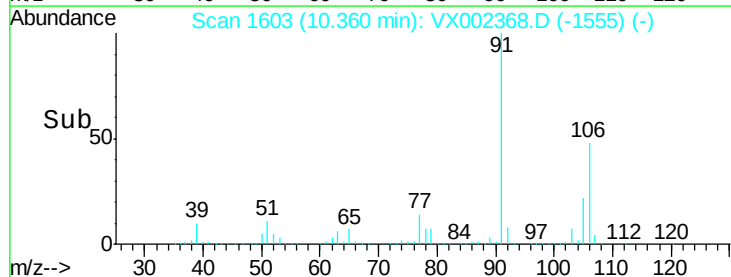
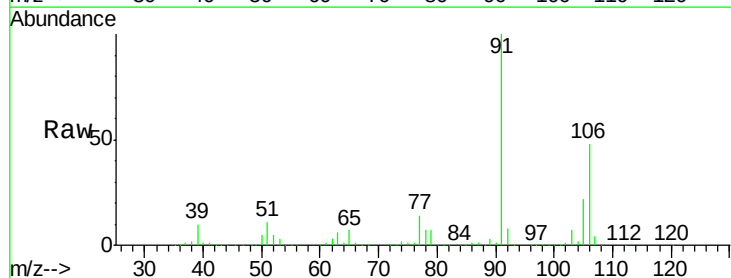
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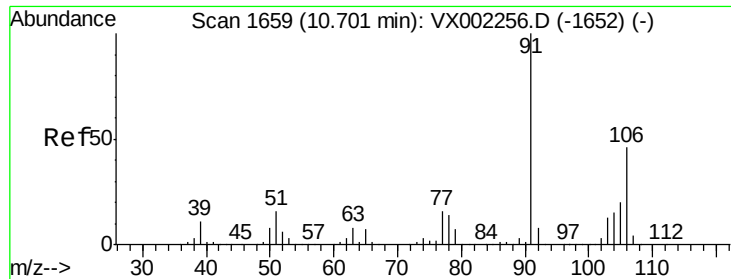
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#68
m/p-Xylenes
Concen: 103.336 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion: 106 Resp: 615657
Ion Ratio Lower Upper
106 100
91 205.7 163.4 245.2





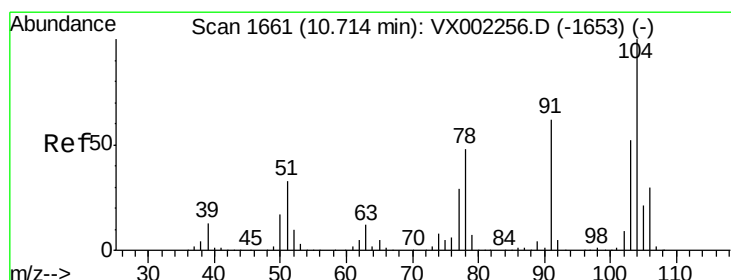
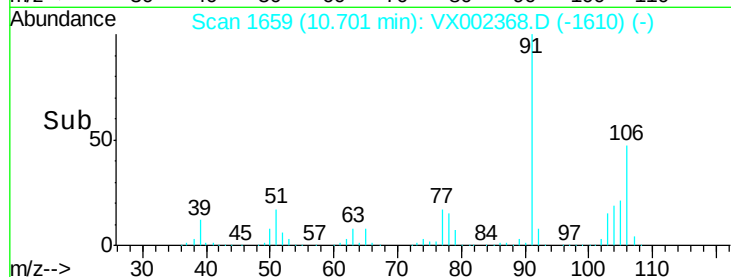
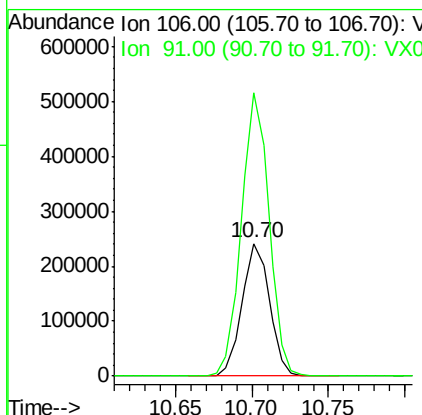
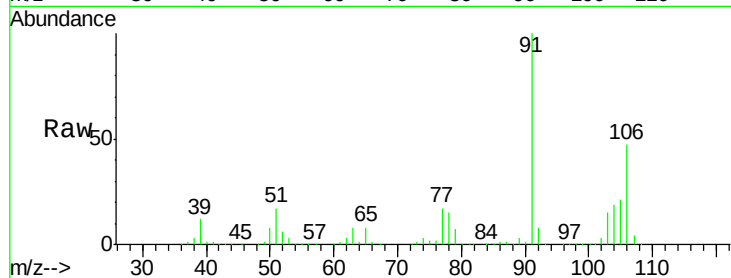
#69
o-Xylene
Concen: 51.036 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 302591
Ion Ratio Lower Upper
106 100
91 213.8 108.2 324.6

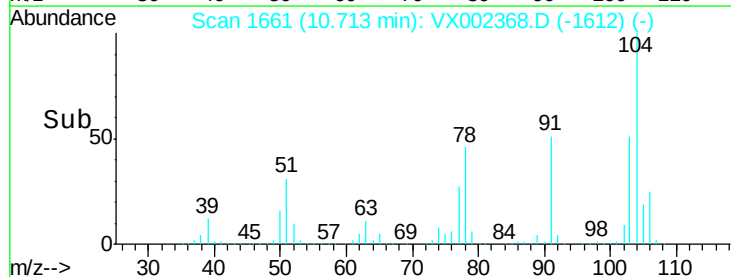
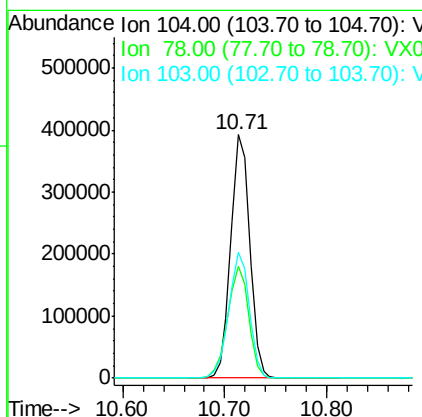
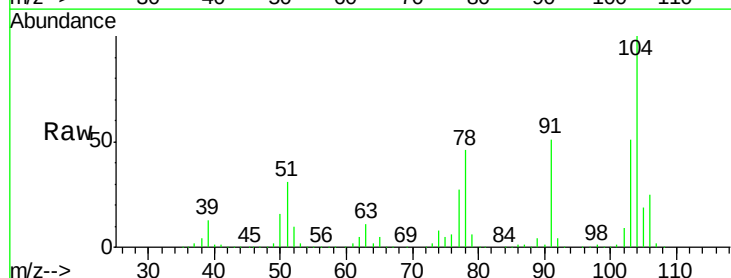
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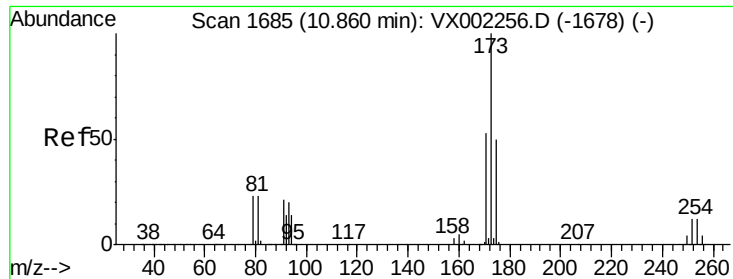
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#70
Styrene
Concen: 52.011 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion:104 Resp: 504119
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 55.9 44.2 66.4





#71

Bromoform

Concen: 44.280 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

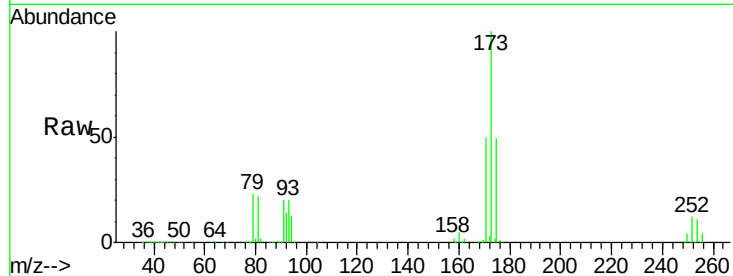
ClientSampled :

VSTDCCC050

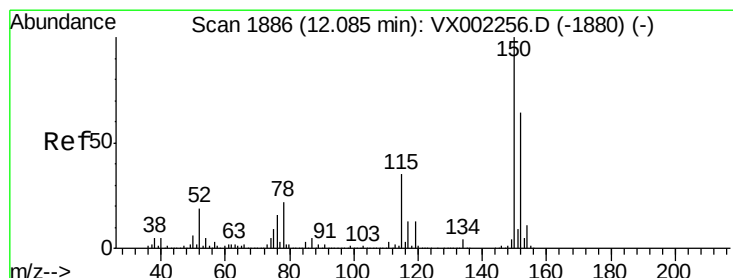
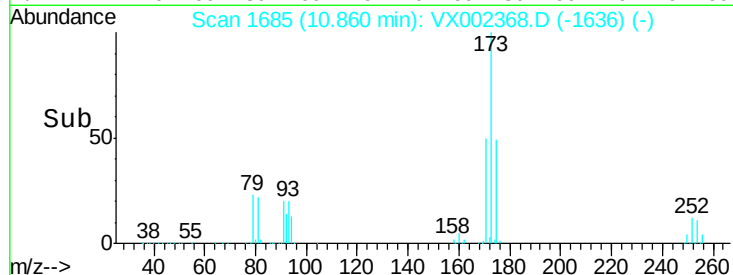
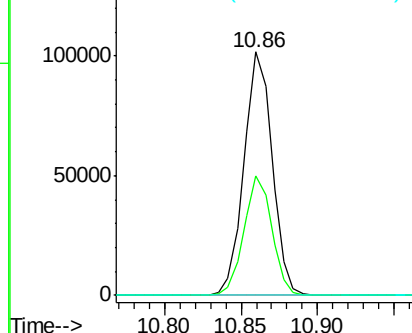
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.7	74.1
254	0.2	0.2	0.2

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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: 50.000 ug/l

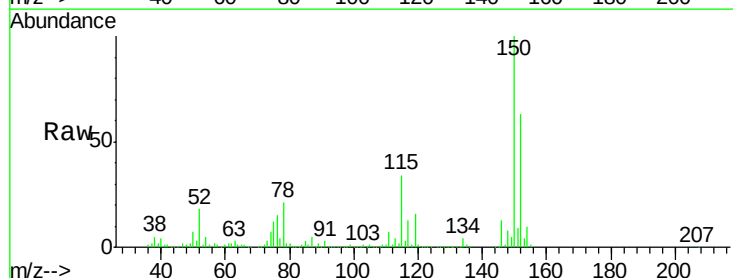
RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

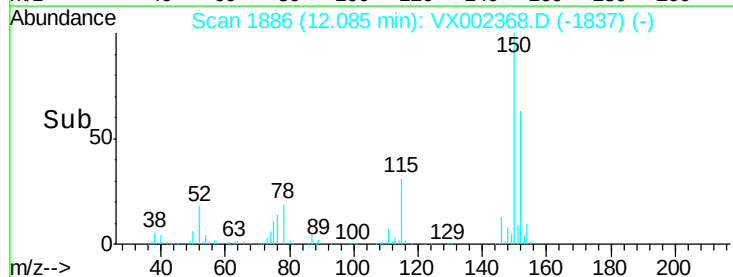
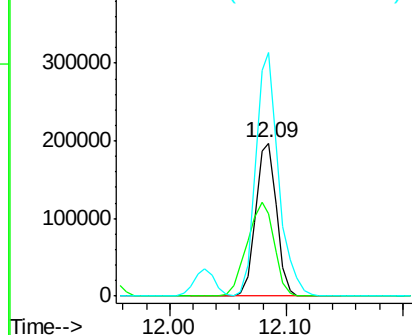
Lab File: VX002368.D

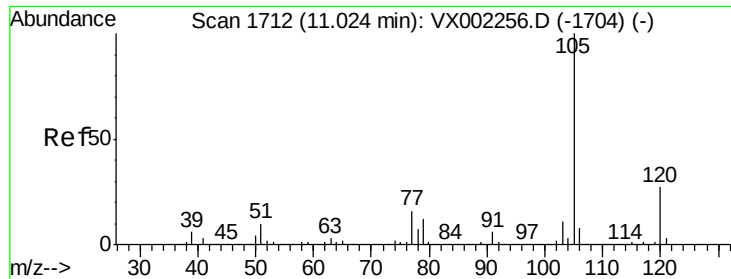
Acq: 07 Jun 2018 09:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.7	40.1	120.2
150	173.8	0.0	347.2



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





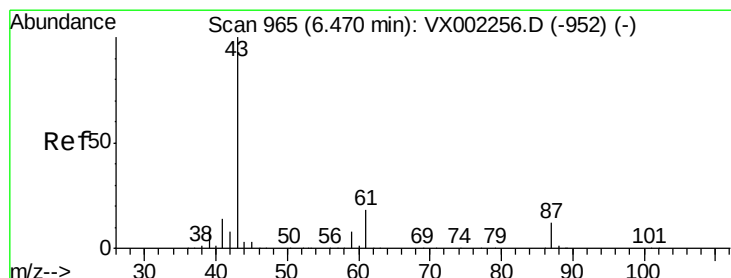
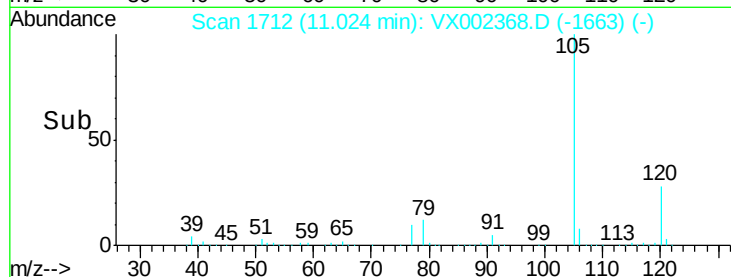
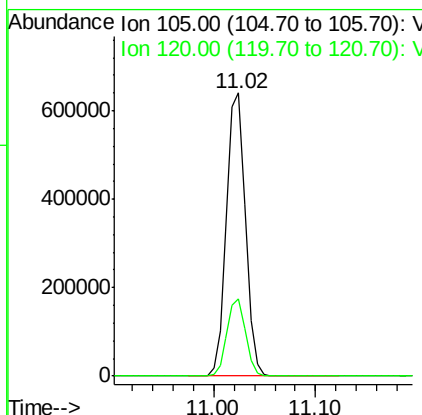
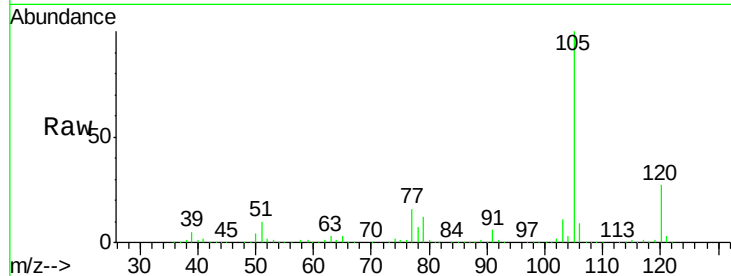
#73
Isopropylbenzene
Concen: 48.276 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 105 Resp: 823682
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

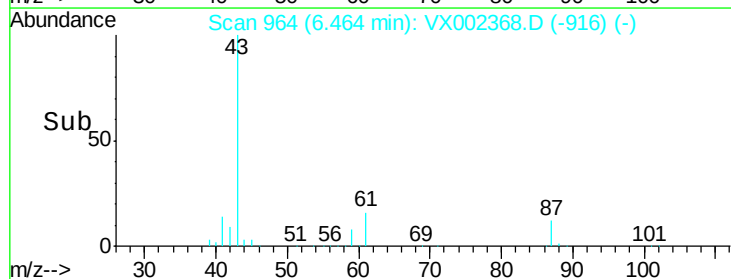
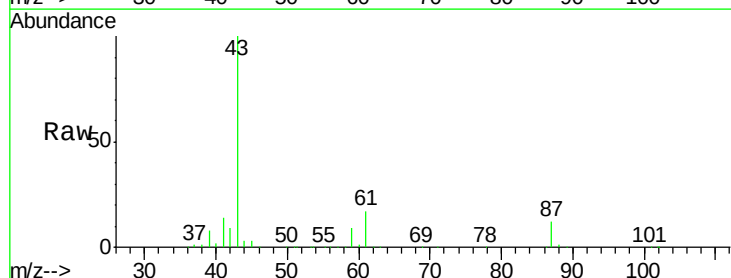
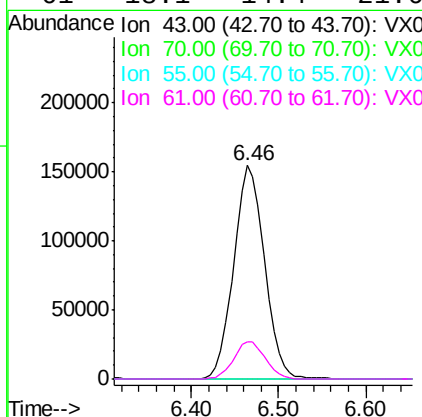
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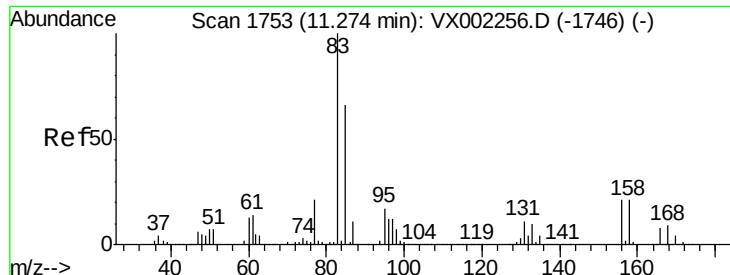
MMDadoda
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#74
N-ethyl acetate
Concen: 41.097 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion: 43 Resp: 377830
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0#
55 0.1 0.0 0.0#
61 18.1 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 43.504 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 233455
Ion Ratio Lower Upper

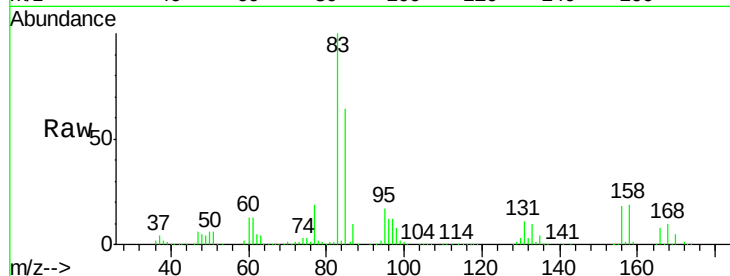
83 100

131 11.1 5.6 16.8

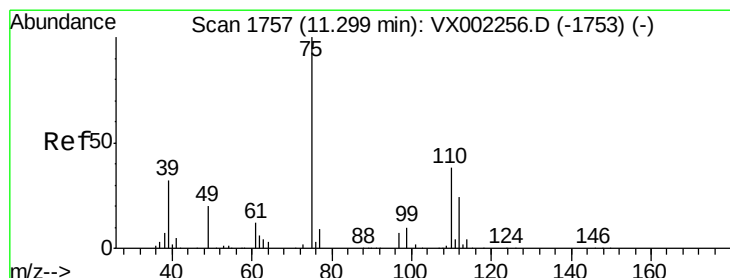
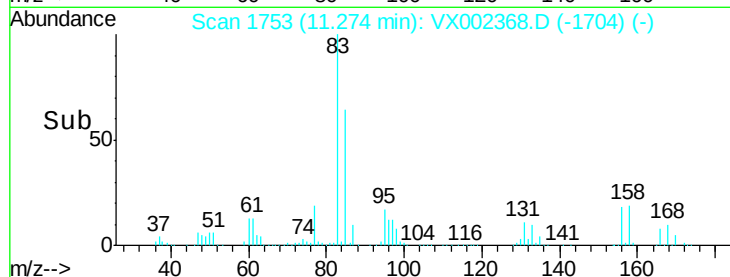
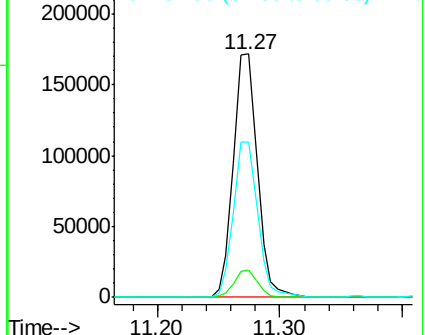
85 64.7 32.4 97.2

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 44.129 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

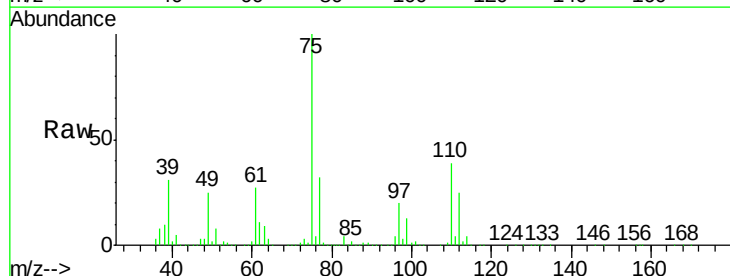
Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

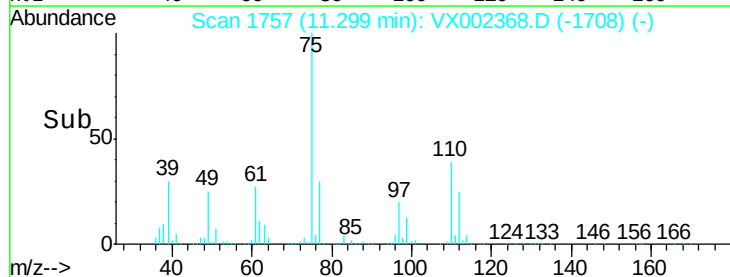
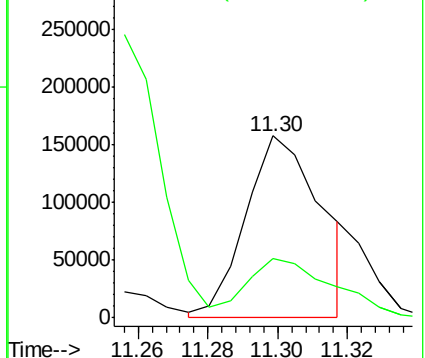
Tgt Ion: 75 Resp: 237494
Ion Ratio Lower Upper

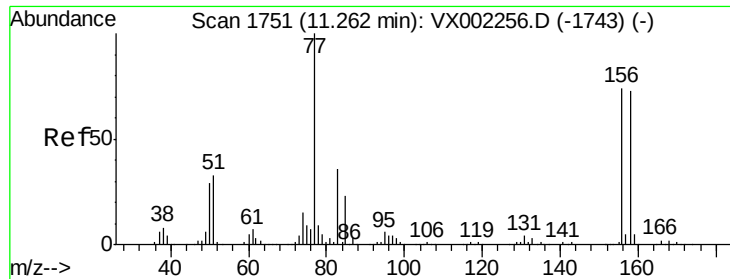
75 100

77 37.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.383 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

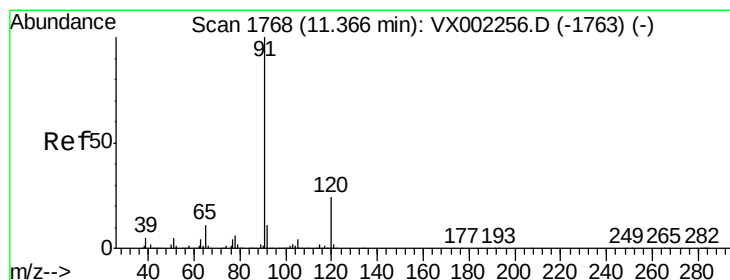
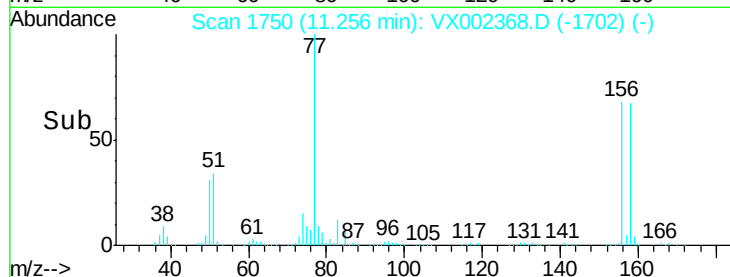
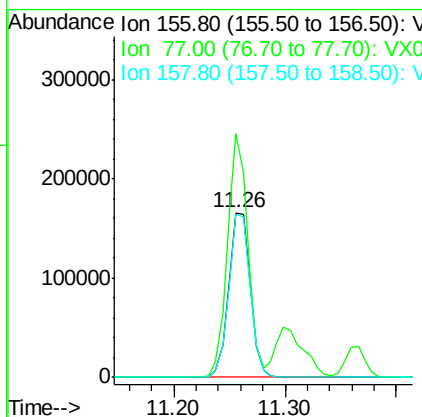
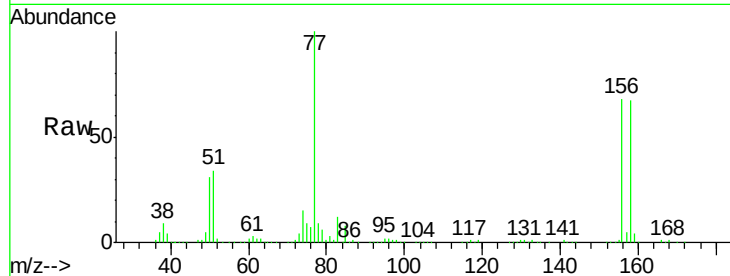
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	222173
Ion Ratio	Lower	Upper	
156	100		
77	139.6	71.4	214.2
158	98.2	48.9	146.6

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#78

n-propylbenzene

Concen: 50.337 ug/l

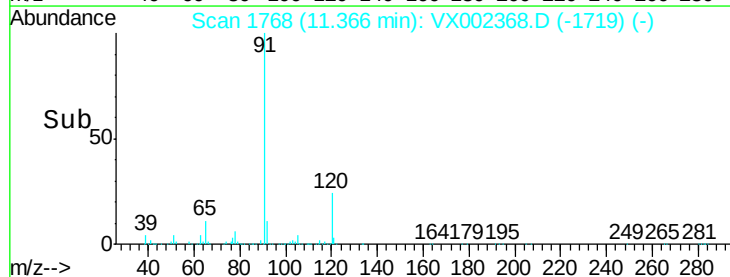
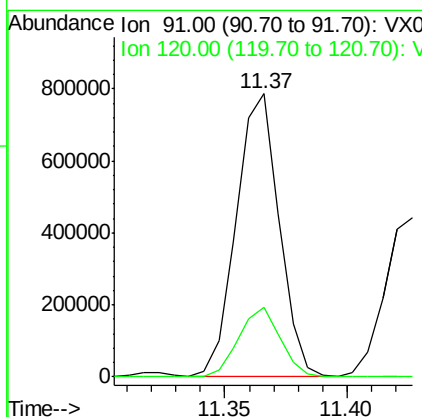
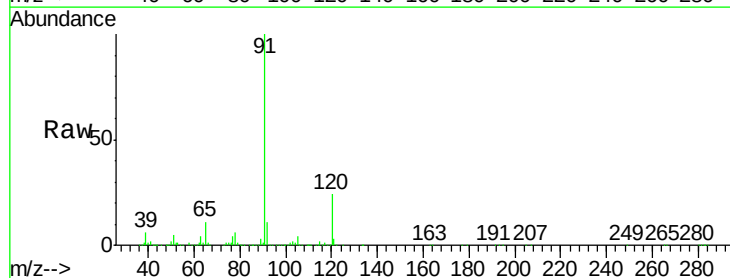
RT: 11.37 min Scan# 1768

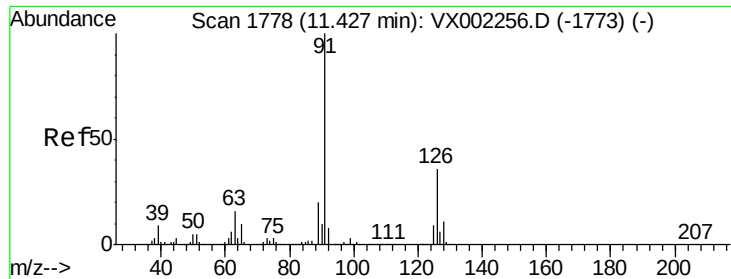
Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Tgt Ion:	91	Resp:	954596
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.8	35.4





#79

2-Chlorotoluene

Concen: 46.581 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 91 Resp: 557781

Ion Ratio Lower Upper

91 100

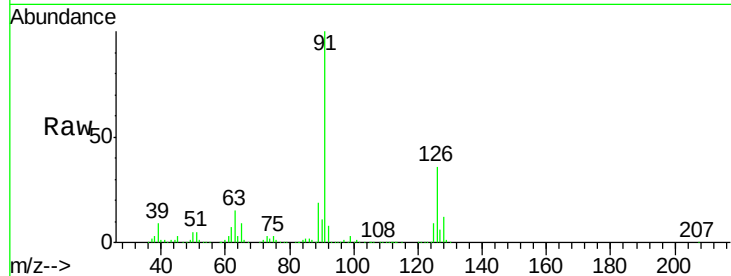
126 35.7 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002256.D (-1773) (-)

800000

600000

400000

200000

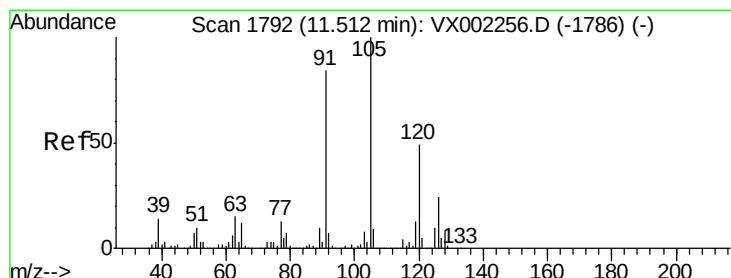
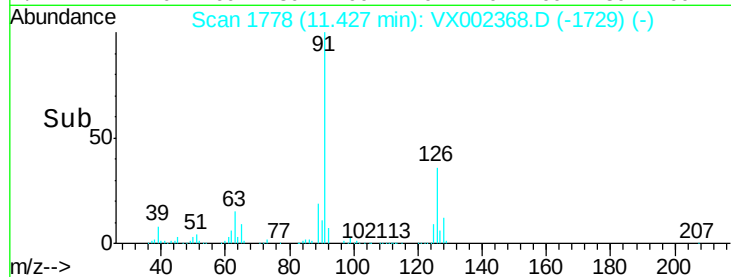
0

11.40

11.43

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.828 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002368.D

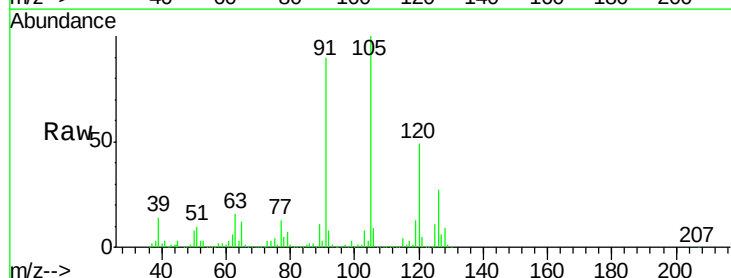
Acq: 07 Jun 2018 09:56

Tgt Ion: 105 Resp: 714571

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002256.D (-1786) (-)

600000

400000

200000

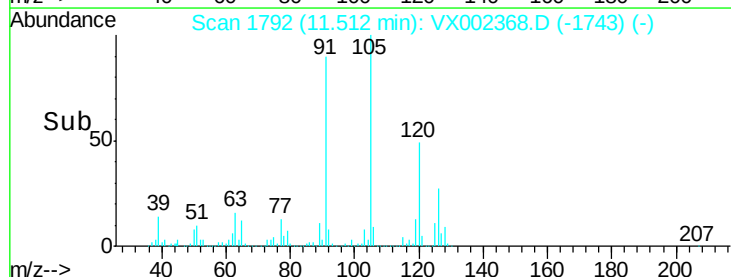
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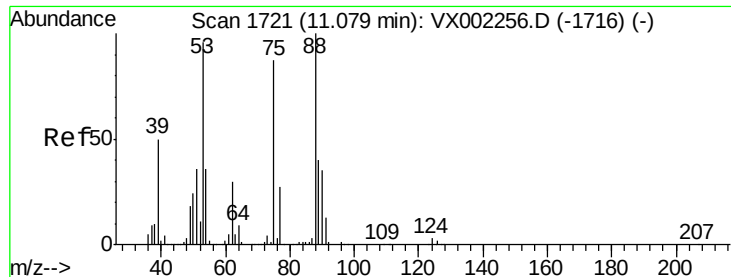
11.50

11.51

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 43.447 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

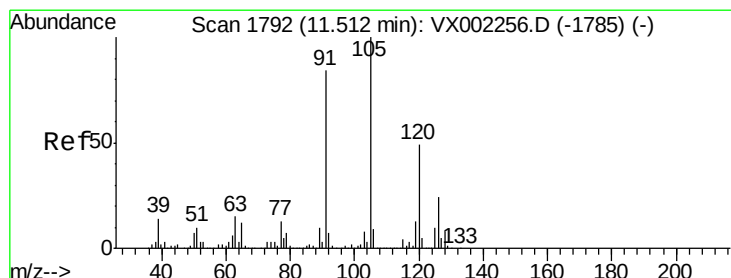
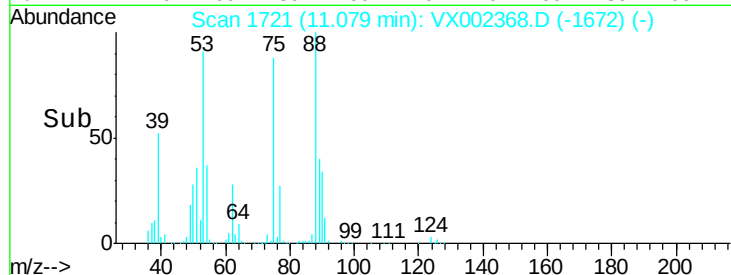
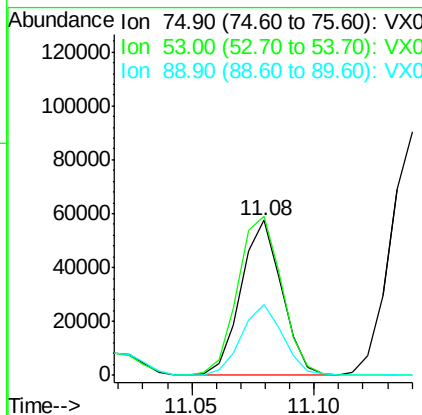
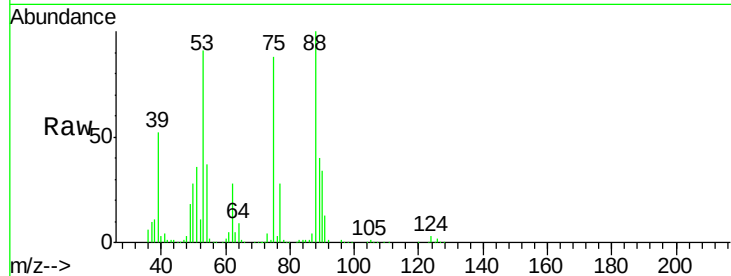
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	66705
Ion	Ratio	Lower	Upper
75	100		
53	110.4	86.8	130.2
89	47.0	38.2	57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.382 ug/l

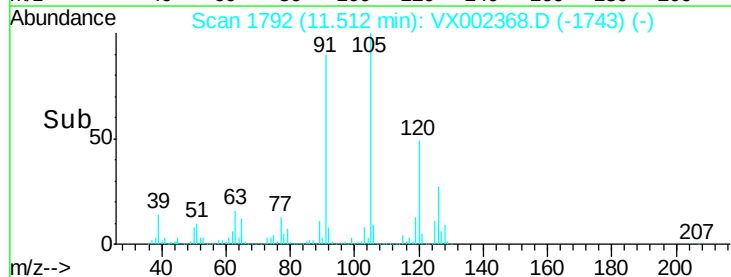
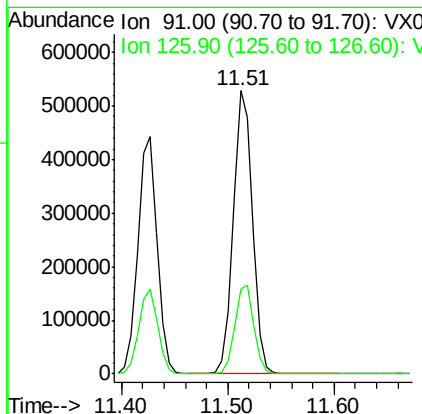
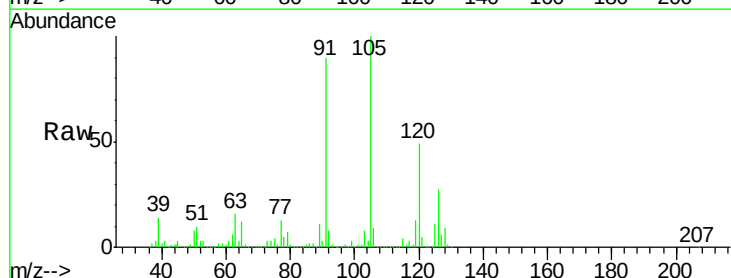
RT: 11.51 min Scan# 1792

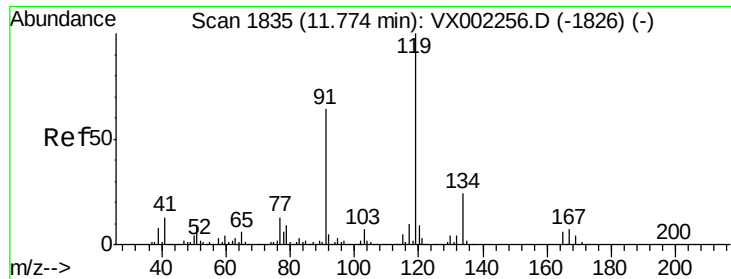
Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Tgt Ion:	91	Resp:	668710
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.4





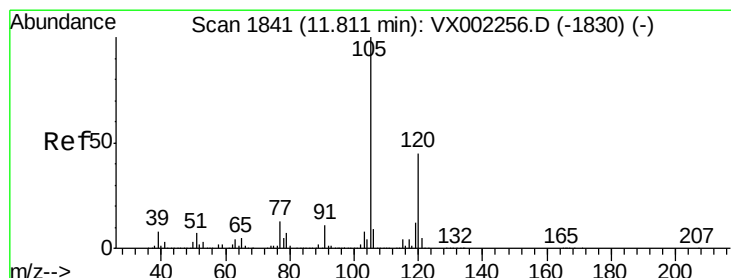
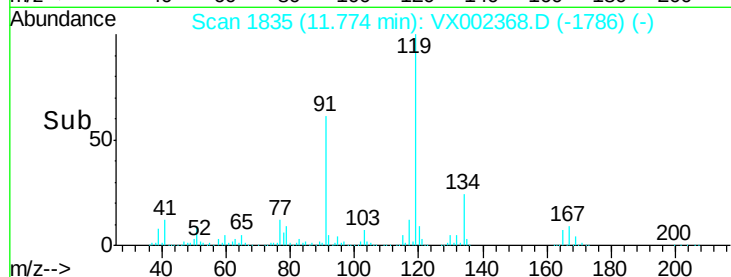
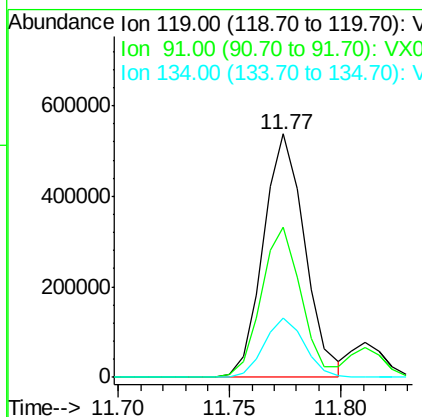
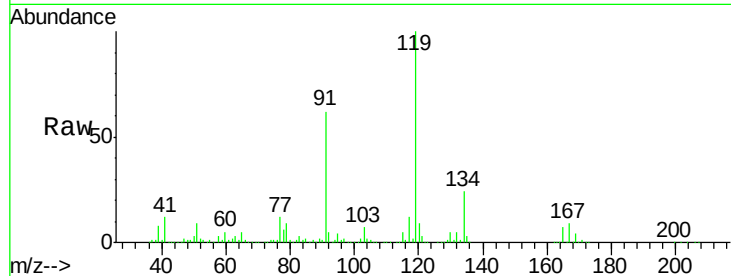
#83
 tert-Butylbenzene
 Concen: 48.851 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	696171		
91	59.8	30.3	90.9	
134	23.6	11.7	35.1	

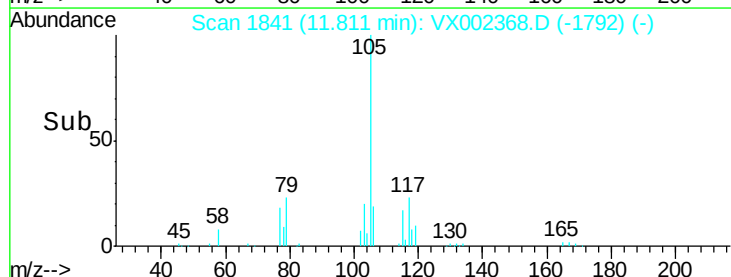
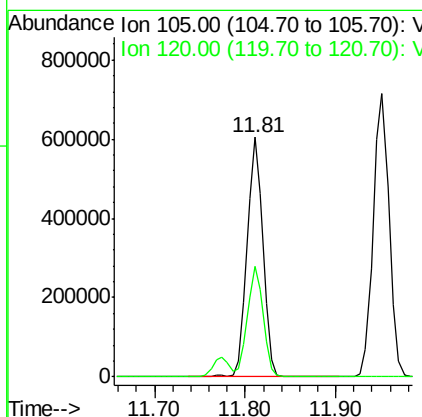
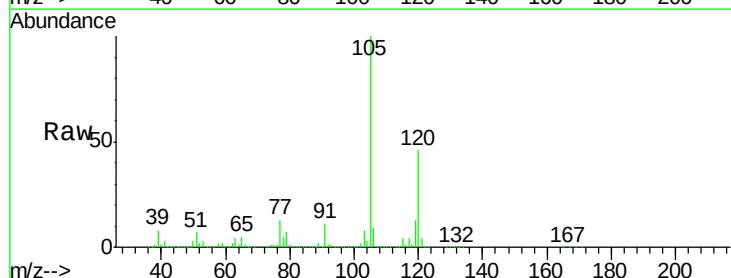
Manual Integrations
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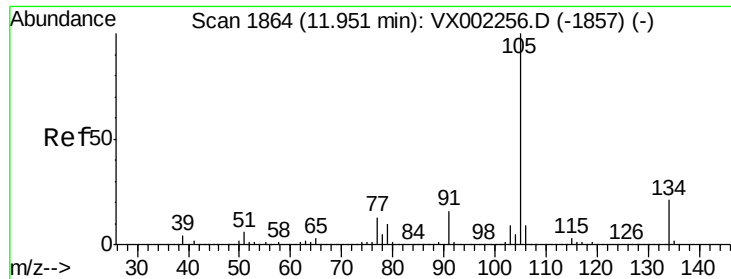
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.542 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	731267		
120	45.8	22.3	66.8	





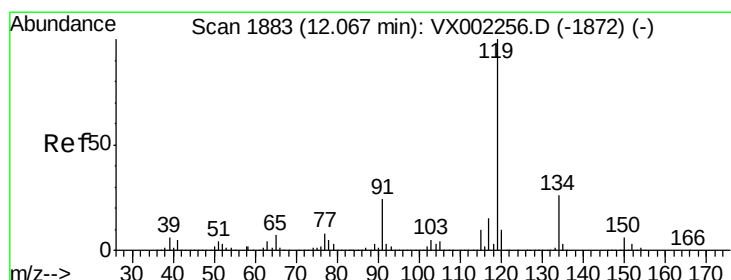
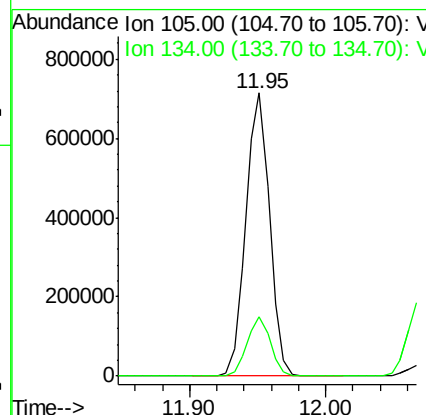
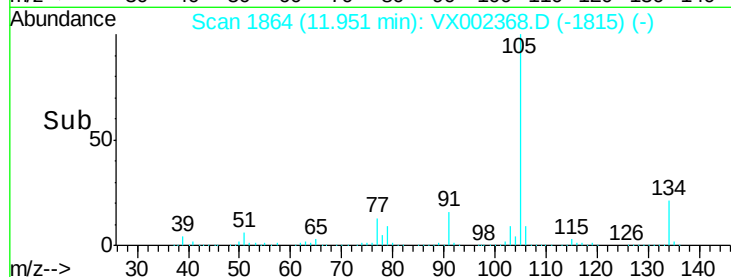
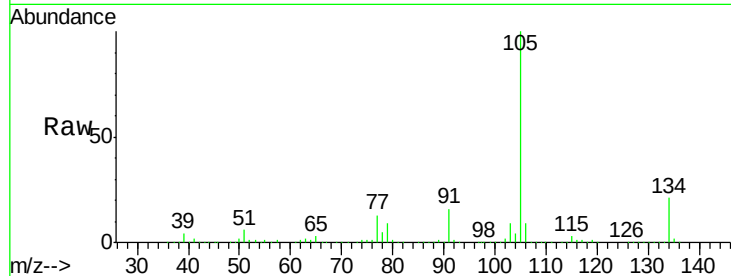
#85
 sec-Butylbenzene
 Concen: 52.000 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 868746
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

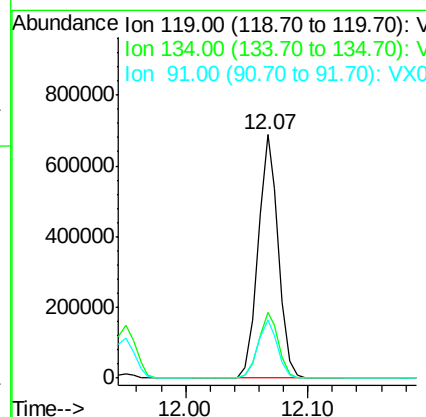
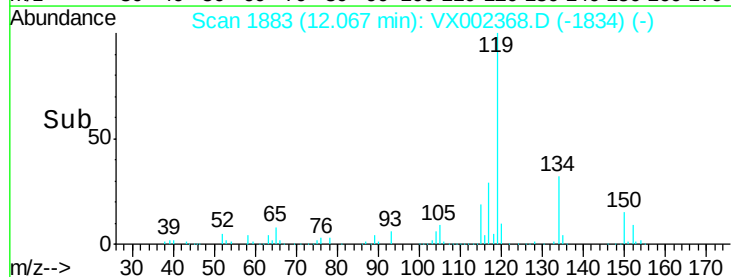
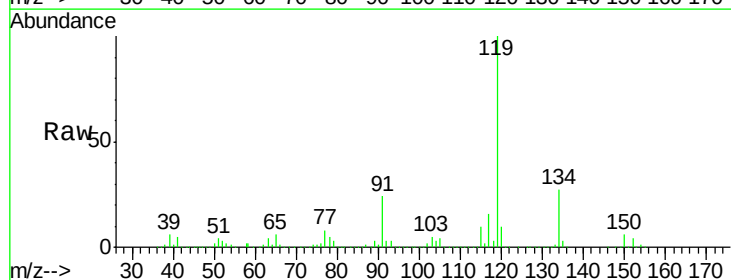
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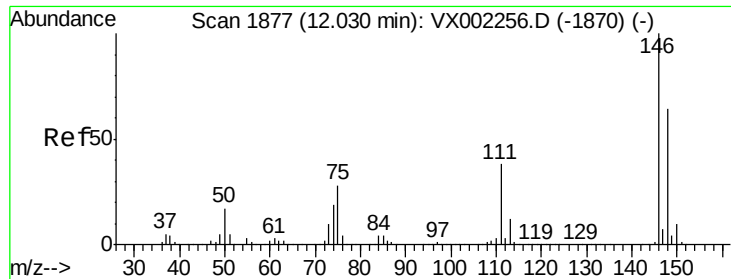
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#86
 p-Isopropyltoluene
 Concen: 52.016 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion:119 Resp: 791554
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 23.7 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 48.708 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

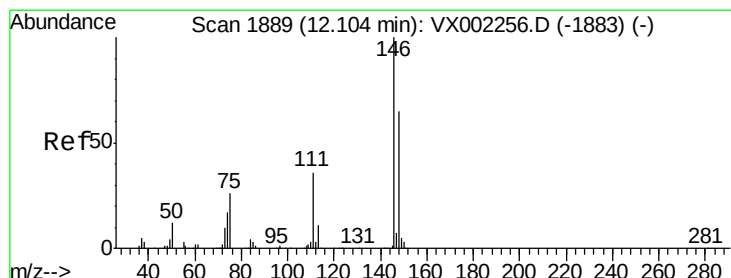
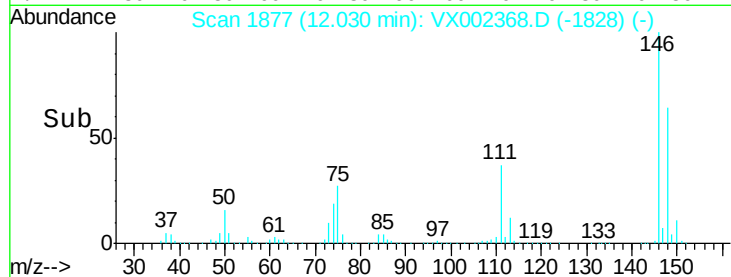
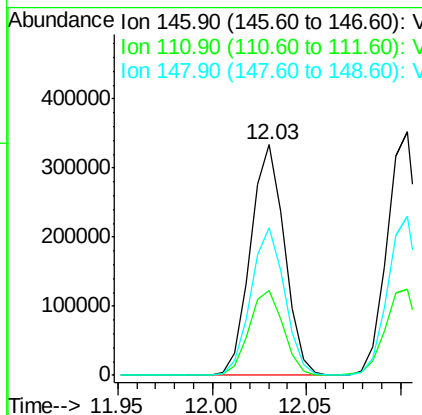
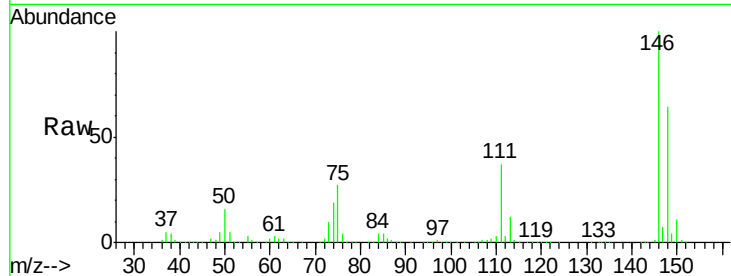
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	417165
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.9	56.7
148	63.5	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.731 ug/l

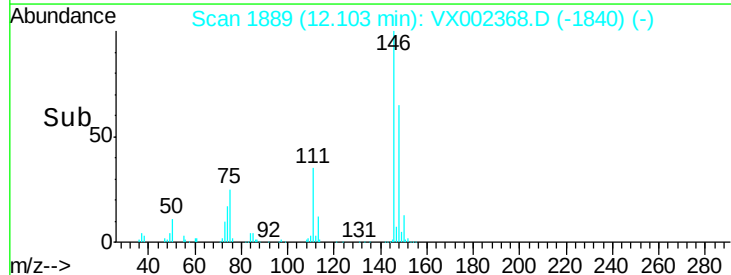
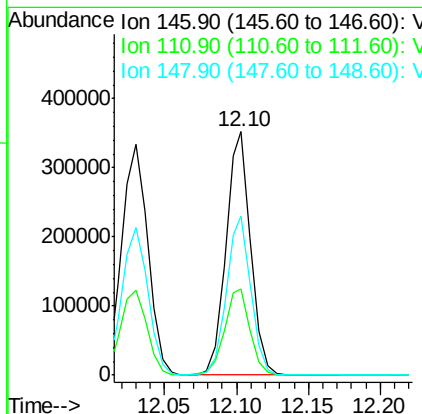
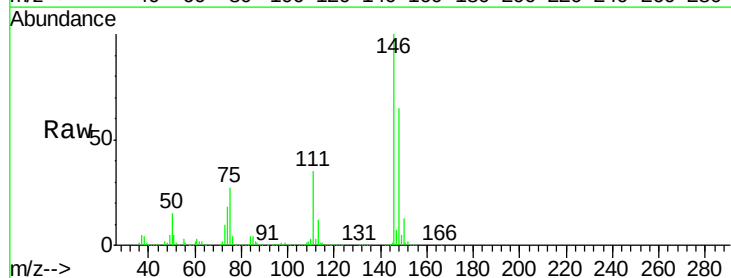
RT: 12.10 min Scan# 1889

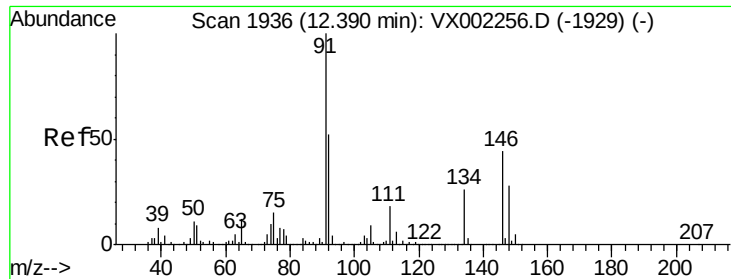
Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Tgt Ion:	146	Resp:	421362
Ion Ratio	Lower	Upper	
146	100		
111	36.9	18.7	56.1
148	64.8	32.4	97.0





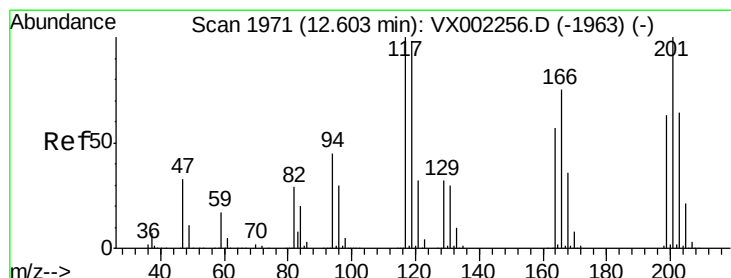
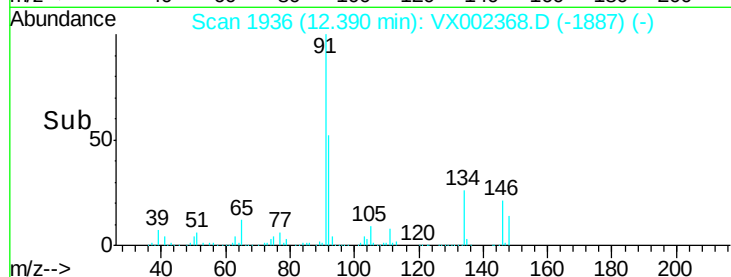
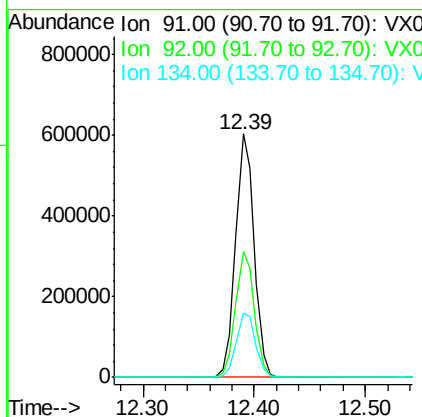
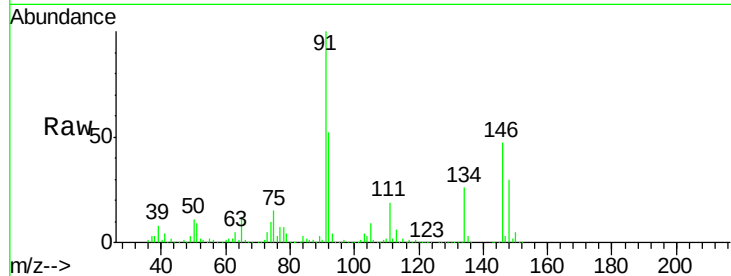
#89
n-Butylbenzene
Concen: 54.389 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	27.3	13.5	40.5

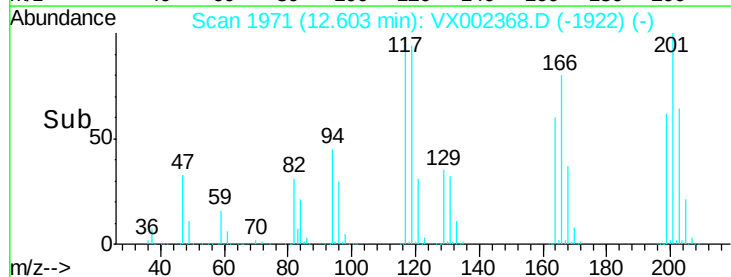
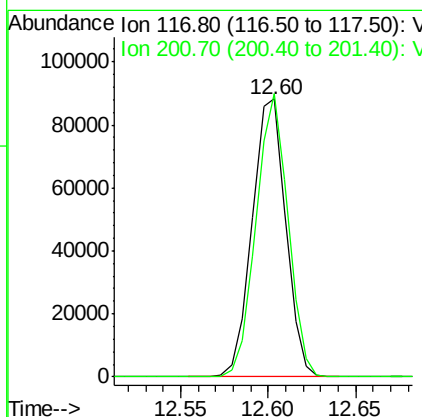
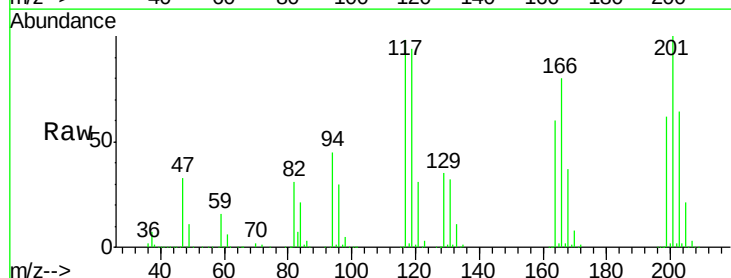
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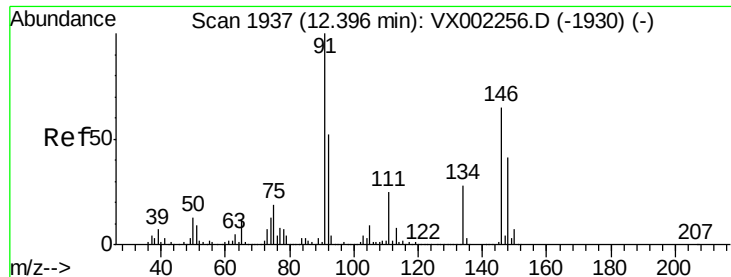
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#90
Hexachloroethane
Concen: 48.536 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.5	49.0	147.0





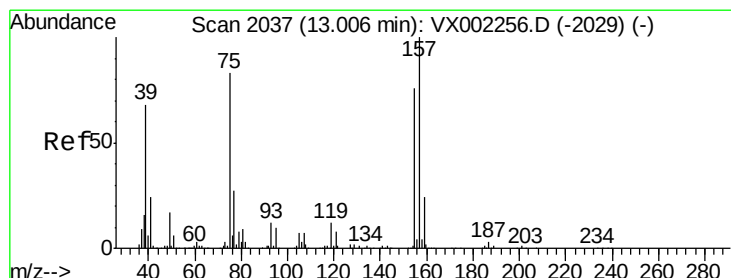
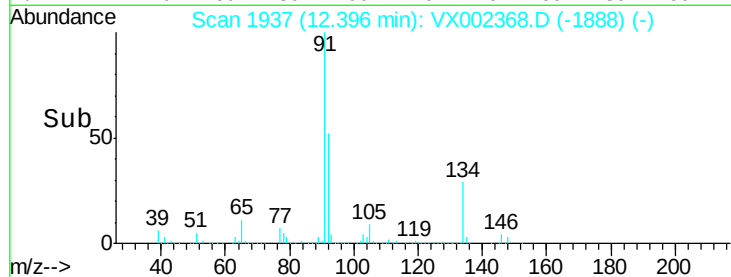
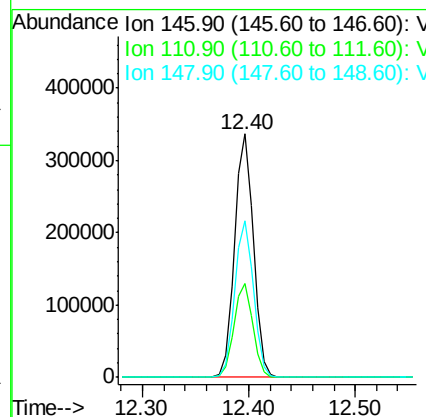
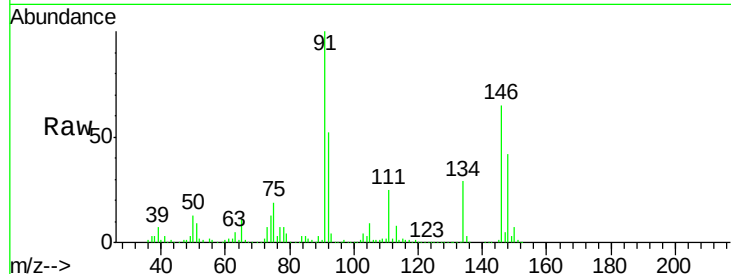
#91
 1,2-Dichlorobenzene
 Concen: 47.224 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	64.3	31.7	95.1

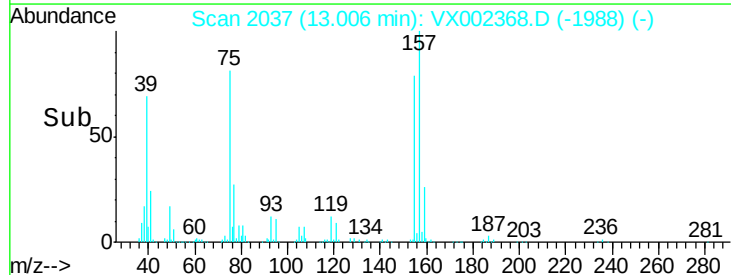
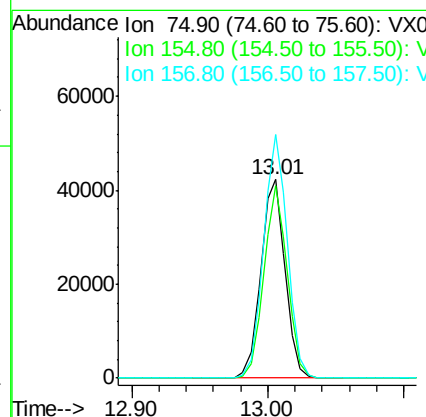
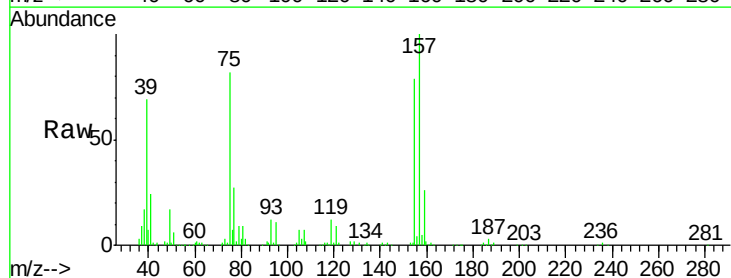
Manual Integrations
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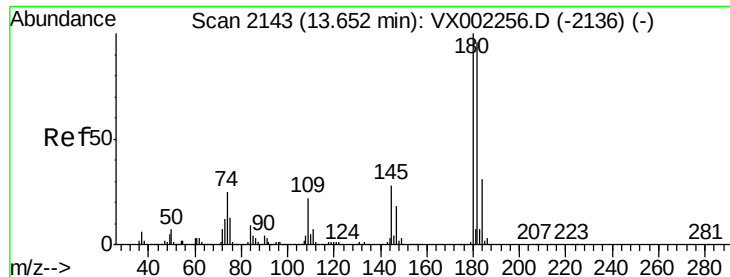
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.121 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.3	45.8	137.4
157	120.1	60.1	180.3





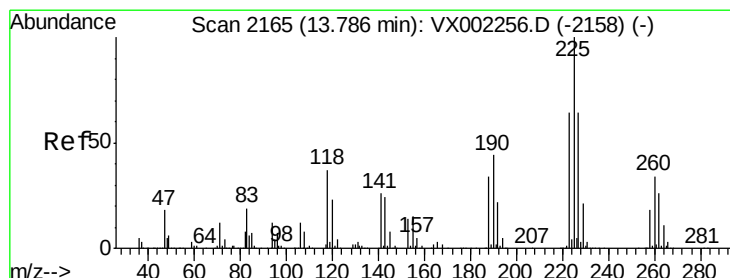
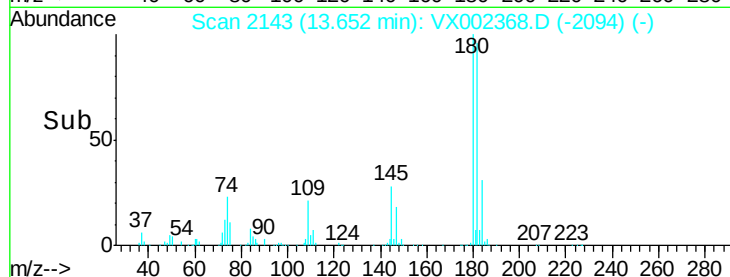
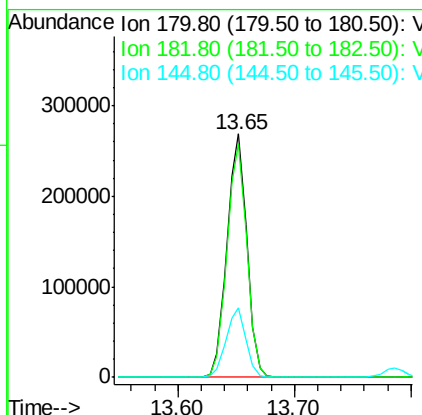
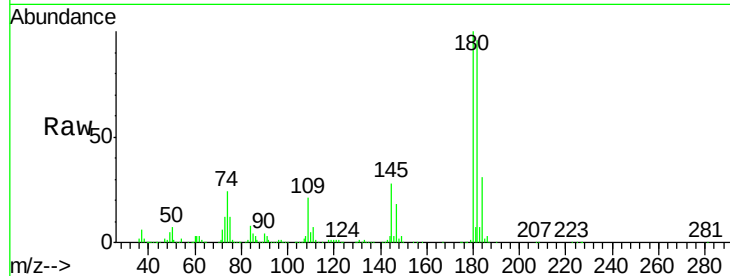
#93
 1,2,4-Trichlorobenzene
 Concen: 50.998 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.7	143.1
145	28.2	14.1	42.4

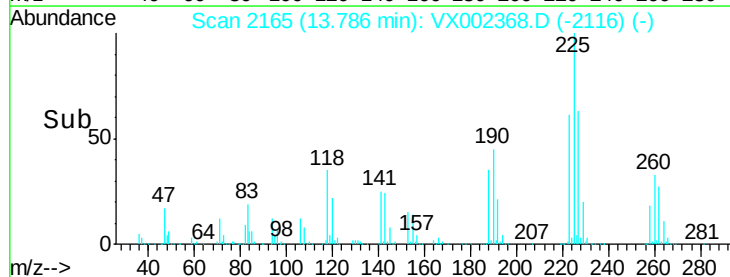
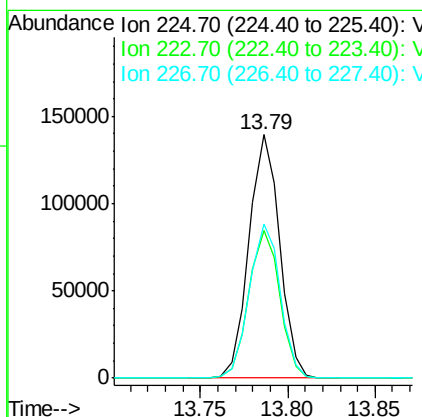
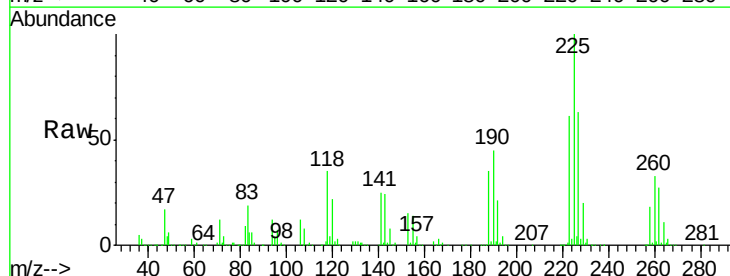
Manual Integrations
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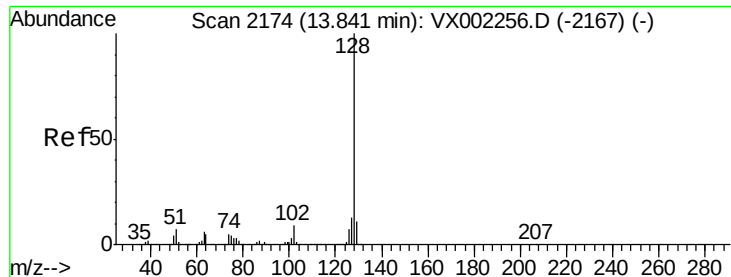
MMDadoda
 6/8/2018 1:20:22 PM



#94
 Hexachlorobutadiene
 Concen: 55.422 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.6	95.0
227	63.8	32.4	97.2





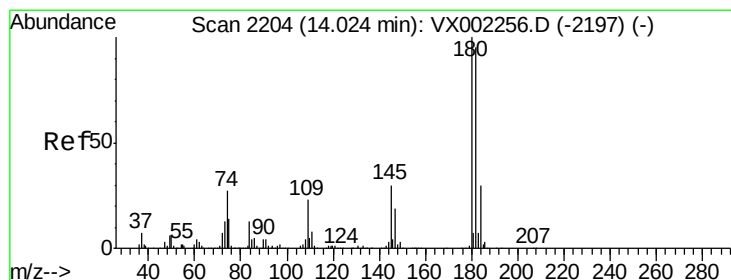
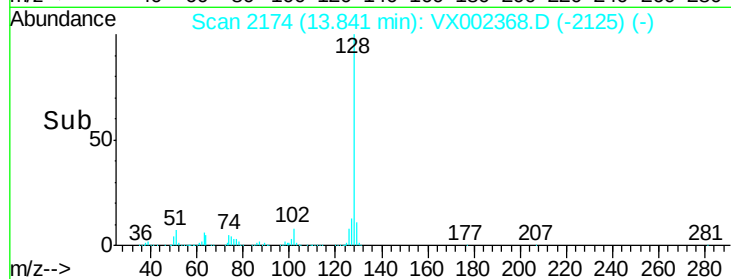
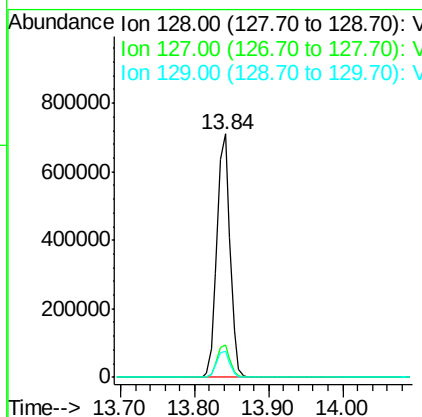
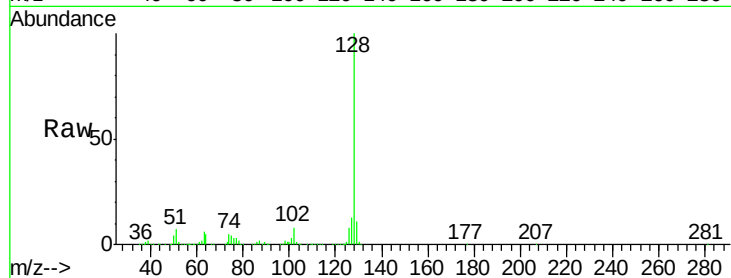
#95
Naphthalene
Concen: 47.650 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/8/2018 1:20:22 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.556 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.0
145	29.2	14.8	44.3

