

Data File : VX000352.D

Acq On : 16 Mar 2018 17:53

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 9 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Manual Integrations

APPROVED

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3/19/2018 5:32:23 PM

Quant Time: Mar 17 01:13:49 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 15 03:39:21 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	148878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	240774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	236542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	150039	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	96657	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
35) Dibromofluoromethane	5.51	113	76028	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	8.72	98	302928	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
62) 4-Bromofluorobenzene	11.15	95	121527	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	72238	45.04	ug/l	95
3) Chloromethane	1.32	50	72378	44.27	ug/l	97
4) Vinyl Chloride	1.41	62	82255	44.92	ug/l	99
5) Bromomethane	1.64	94	97100	47.52	ug/l	99
6) Chloroethane	1.73	64	52670	40.47	ug/l	95
7) Trichlorofluoromethane	1.93	101	145574	45.77	ug/l	99
8) Diethyl Ether	2.19	74	51180	45.21	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	81786	47.76	ug/l	98
10) Methyl Iodide	2.52	142	82631	47.76	ug/l	99
11) Tert butyl alcohol	3.07	59	139944	210.00	ug/l	99
12) 1,1-Dichloroethene	2.38	96	72525	44.63	ug/l	99
13) Acrolein	2.29	56	63309	220.82	ug/l	98
14) Allyl chloride	2.73	41	127874	44.13	ug/l	97
15) Acrylonitrile	3.15	53	286417	222.91	ug/l	100
16) Acetone	2.45	43	333791	242.72	ug/l	99
17) Carbon Disulfide	2.57	76	196779	41.45	ug/l	99
18) Methyl Acetate	2.78	43	140810	45.76	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	269369	47.08	ug/l	100
20) Methylene Chloride	2.86	84	79748	44.79	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	77749	43.27	ug/l	89
22) Diisopropyl ether	3.87	45	255790	53.03	ug/l	96
23) Vinyl Acetate	3.83	43	1218717	265.10	ug/l	100
24) 1,1-Dichloroethane	3.70	63	142212	46.87	ug/l	99
25) 2-Butanone	4.71	43	399094	242.82	ug/l	99
26) 2,2-Dichloropropane	4.59	77	106584	48.67	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	76759	46.77	ug/l	98
28) Bromochloromethane	5.03	49	60836	47.70	ug/l	100
29) Tetrahydrofuran	5.17	42	248126	234.55	ug/l	99
30) Chloroform	5.22	83	141508	49.40	ug/l	98
31) Cyclohexane	5.58	56	115332	49.54	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	128604	50.80	ug/l	99
36) 1,1-Dichloropropene	5.81	75	104730	47.87	ug/l	99
37) Ethyl Acetate	4.87	43	138468	47.62	ug/l	99
38) Carbon Tetrachloride	5.79	117	111894	50.73	ug/l	98

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Quant Title : SW846 8260

QLast Update : Thu Mar 15 03:39:21 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	133870	52.46	ug/l	97
40) Benzene	6.15	78	308849	49.76	ug/l	99
41) Methacrylonitrile	5.07	41	73557	48.18	ug/l	98
42) 1,2-Dichloroethane	6.21	62	121089	49.22	ug/l	99
43) Isopropyl Acetate	6.48	43	214322	51.07	ug/l	98
44) Trichloroethene	7.22	130	85966	47.80	ug/l	94
45) 1,2-Dichloropropane	7.53	63	79654	52.04	ug/l	97
46) Dibromomethane	7.67	93	61080	49.67	ug/l	99
47) Bromodichloromethane	7.90	83	112295	51.44	ug/l	98
48) Methyl methacrylate	7.79	41	105118	49.54	ug/l	99
49) 1,4-Dioxane	7.76	88	42250	885.02	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	811861	249.12	ug/l	100
52) Toluene	8.79	92	212799	48.81	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	131830	52.33	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	131247	53.27	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	86001	49.16	ug/l	97
56) Ethyl methacrylate	9.19	69	137543	53.10	ug/l	100
57) 1,3-Dichloropropane	9.38	76	141071	49.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	313501	284.86	ug/l	99
59) 2-Hexanone	9.51	43	684180	249.18	ug/l	100
60) Dibromochloromethane	9.59	129	96401	52.11	ug/l	98
61) 1,2-Dibromoethane	9.68	107	97438	50.25	ug/l	99
64) Tetrachloroethene	9.34	164	88578	58.61	ug/l	98
65) Chlorobenzene	10.15	112	251937	52.30	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	90133	55.63	ug/l	98
67) Ethyl Benzene	10.26	91	437160	53.23	ug/l	100
68) m/p-Xylenes	10.37	106	350895	109.67	ug/l	98
69) o-Xylene	10.71	106	168770	54.30	ug/l	99
70) Styrene	10.72	104	285816	55.41	ug/l	98
71) Bromoform	10.87	173	77461	47.40	ug/l #	98
73) Isopropylbenzene	11.02	105	463719	51.31	ug/l	100
74) N-amyl acetate	6.48	43	214322	49.54	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	161470	50.19	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	143292m	52.99	ug/l	
77) Bromobenzene	11.26	156	117361	49.48	ug/l	98
78) n-propylbenzene	11.37	91	544814	50.00	ug/l	99
79) 2-Chlorotoluene	11.43	91	313228	50.66	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	408465	53.06	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	45500	45.97	ug/l	98
82) 4-Chlorotoluene	11.52	91	390057	51.32	ug/l	99
83) tert-Butylbenzene	11.78	119	396963	52.86	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	422024	53.32	ug/l	99
85) sec-Butylbenzene	11.96	105	506784	53.90	ug/l	99
86) p-Isopropyltoluene	12.07	119	462537	55.28	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	232233	49.89	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	246908	51.05	ug/l	97
89) n-Butylbenzene	12.40	91	421014	51.75	ug/l	99
90) Hexachloroethane	12.60	117	72028	53.67	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	229596	50.92	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	43642	50.12	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031618\
Quantitation Report (QT Reviewed)

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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3/19/2018 5:32:23 PM

Quant Time: Mar 17 01:13:49 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	158023	48.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	67917	53.01	ug/l	97
95) Naphthalene	13.84	128	573997	50.93	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	159815	48.71	ug/l	99

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

Data File : VX000352.D

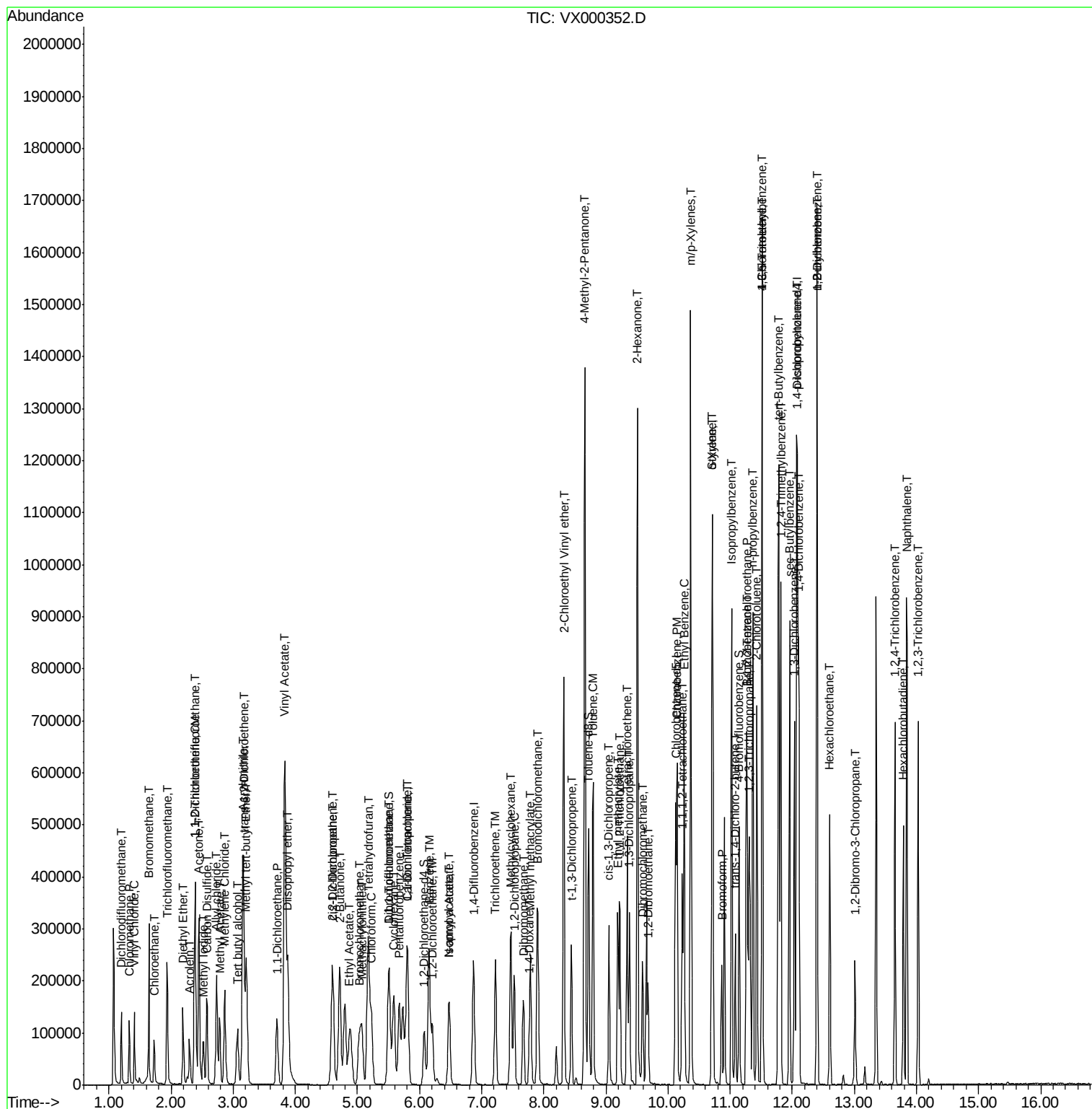
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Acq On       : 16 Mar 2018   17:53
Operator     : JC/MD
Sample       : VSTDCCC050
Misc         : 5.0mL/MSVOA_X/WATER
ALS Vial     : 9      Sample Multiplier: 1
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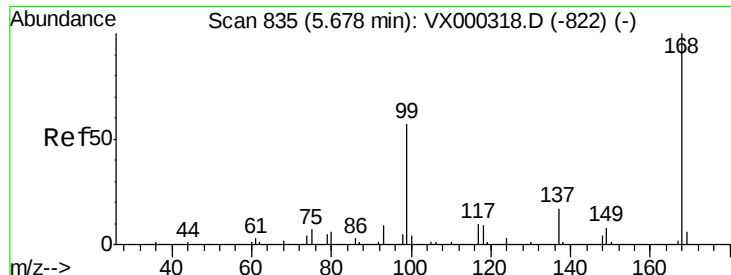
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

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3/19/2018 5:32:23 PM

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Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 148878

Ion Ratio Lower Upper

168 100

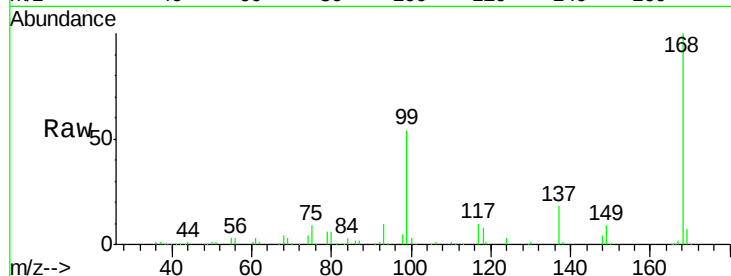
99 53.4 45.8 68.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

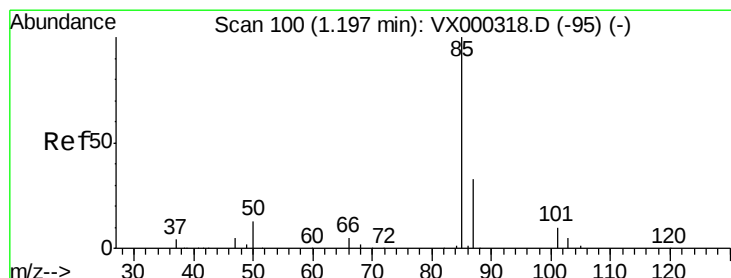
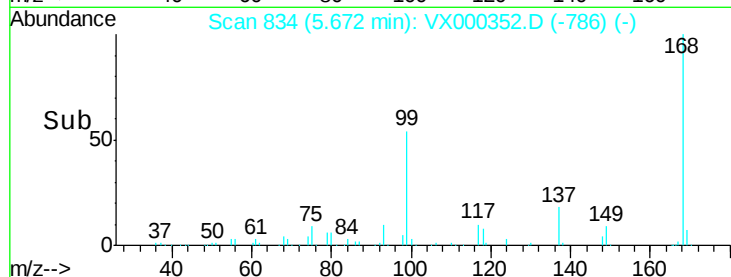
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.04 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000352.D

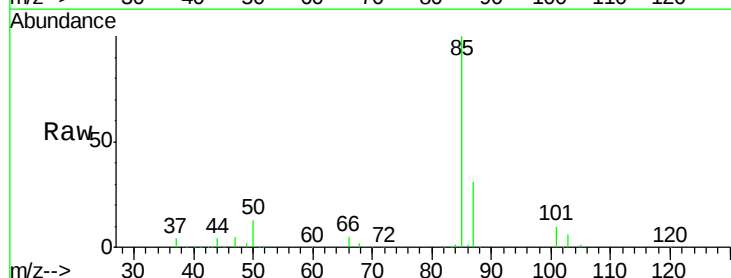
Acq: 16 Mar 2018 17:53

Tgt Ion: 85 Resp: 72238

Ion Ratio Lower Upper

85 100

87 30.8 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

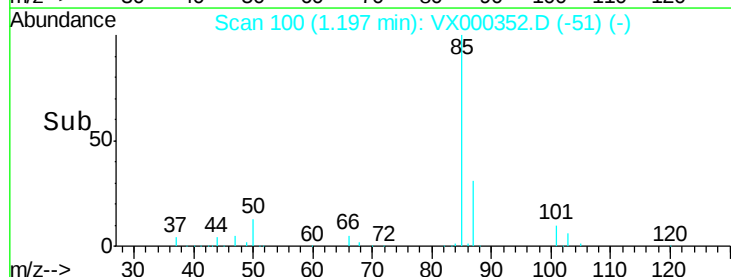
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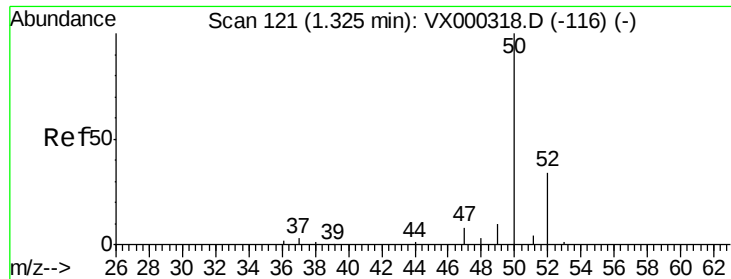
40000

20000

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Time-->





#3

Chloromethane

Concen: 44.27 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 72378

Ion Ratio Lower Upper

50 100

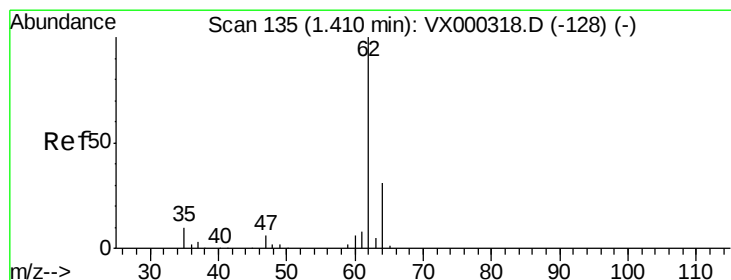
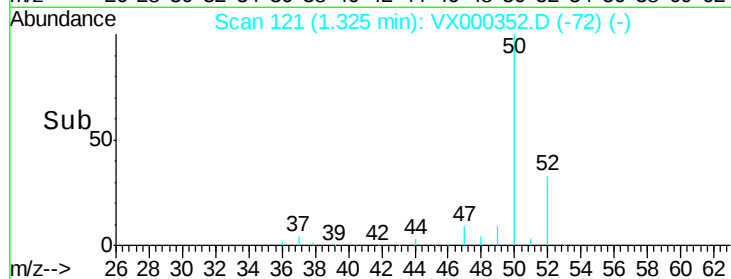
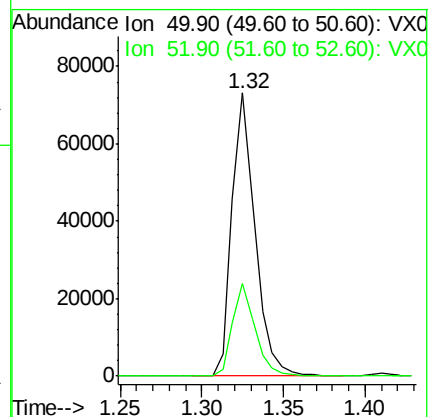
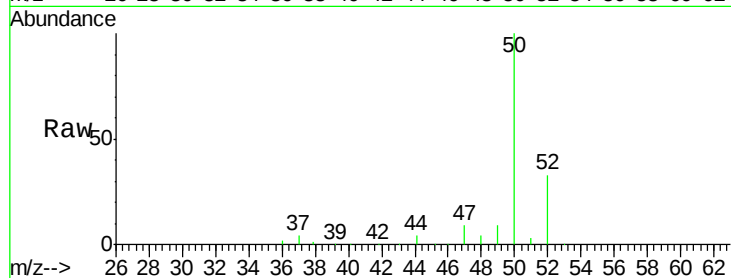
52 32.5 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.92 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000352.D

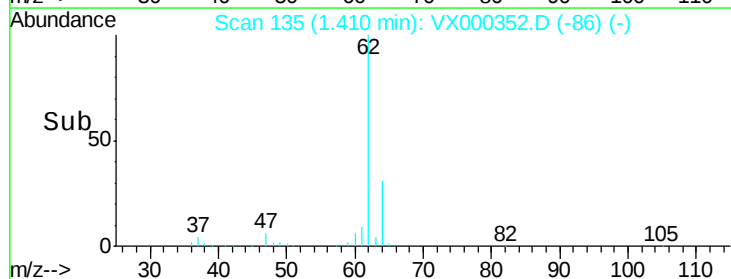
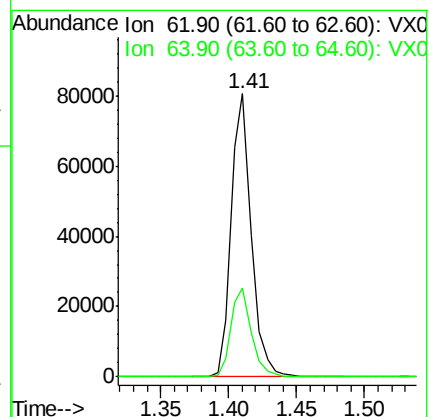
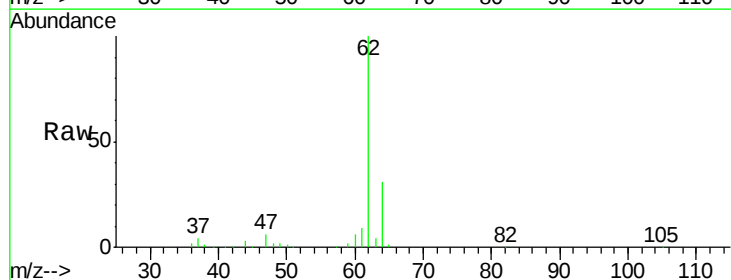
Acq: 16 Mar 2018 17:53

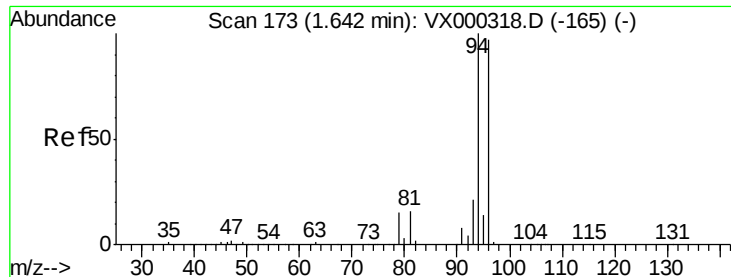
Tgt Ion: 62 Resp: 82255

Ion Ratio Lower Upper

62 100

64 31.4 24.8 37.2





#5

Bromomethane

Concen: 47.52 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 97100

Ion Ratio Lower Upper

94 100

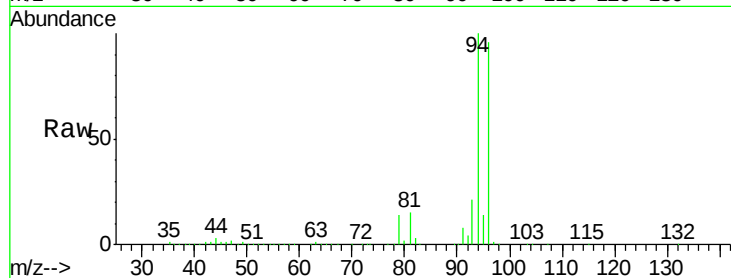
96 95.8 77.7 116.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

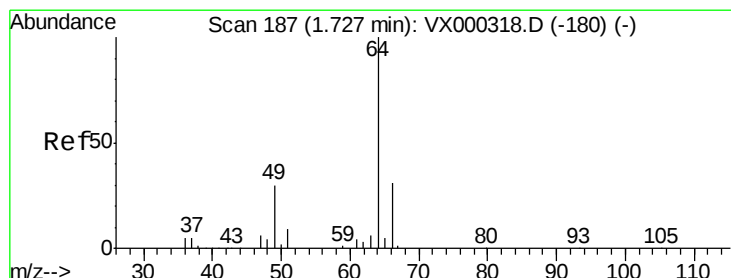
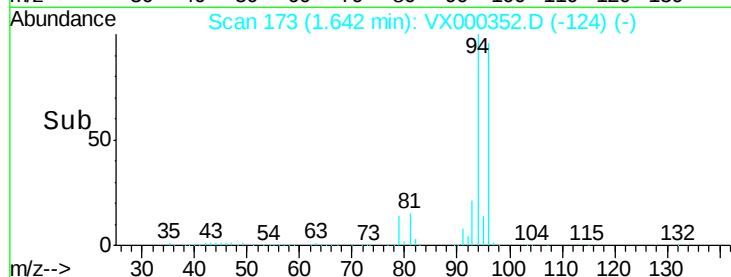
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 40.47 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000352.D

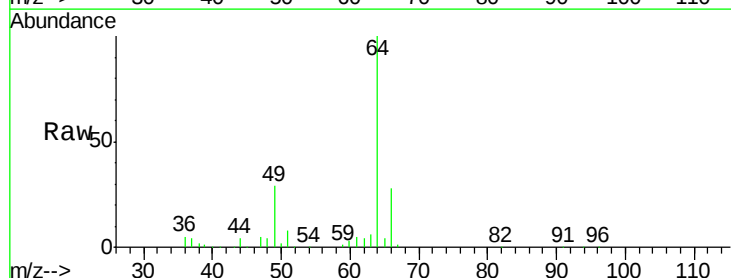
Acq: 16 Mar 2018 17:53

Tgt Ion: 64 Resp: 52670

Ion Ratio Lower Upper

64 100

66 28.3 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

40000

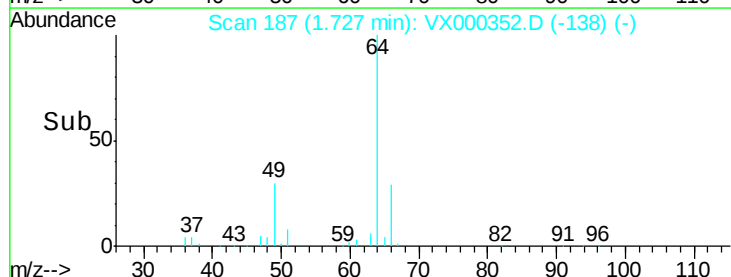
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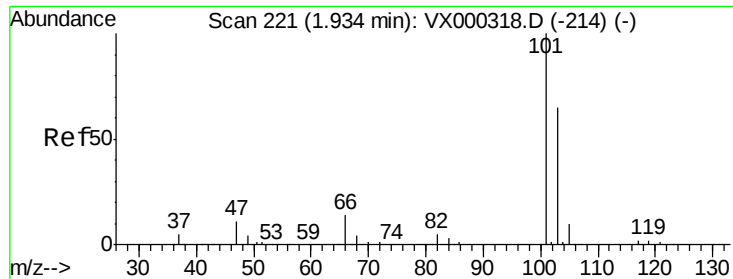
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Time-->





#7

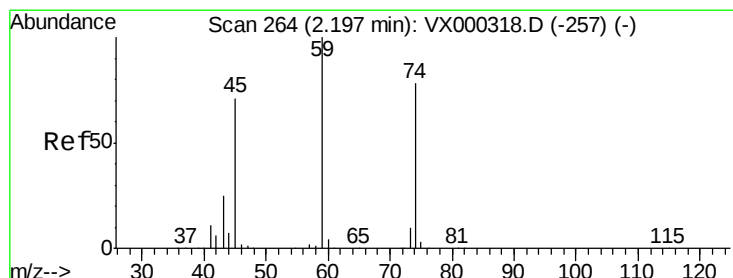
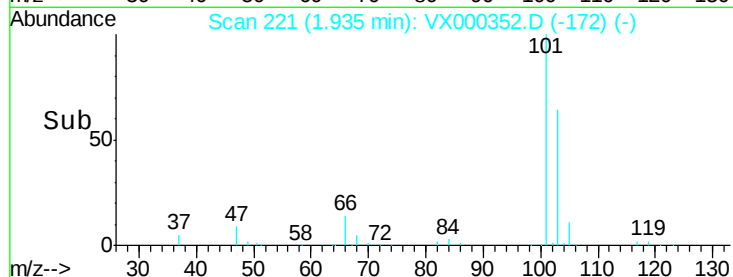
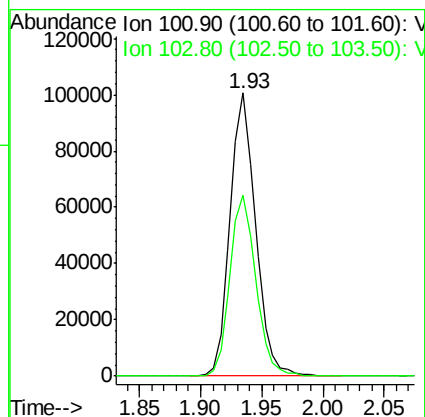
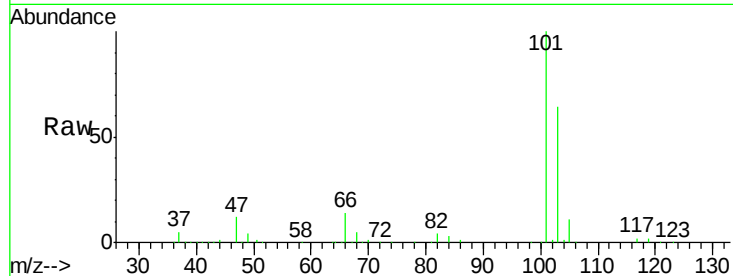
Trichlorofluoromethane
Concen: 45.77 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 145574
Ion Ratio Lower Upper
101 100
103 64.0 51.6 77.4

Manual Integrations
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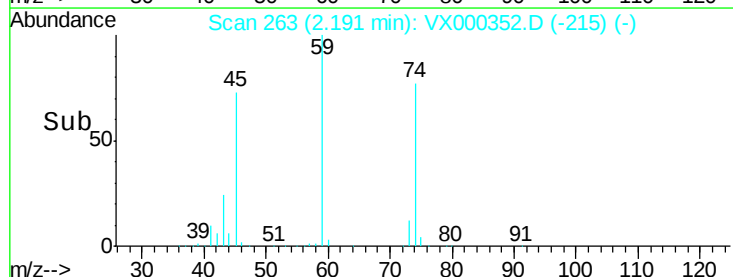
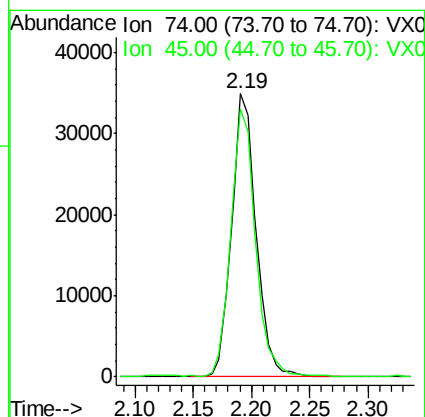
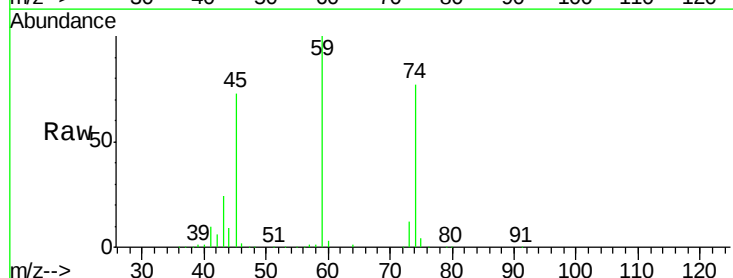
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3/19/2018 5:32:23 PM

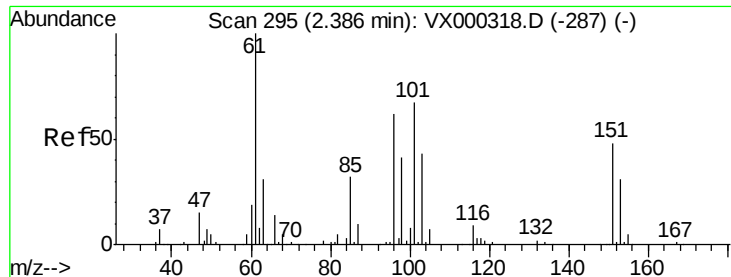


#8

Diethyl Ether
Concen: 45.21 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Tgt Ion: 74 Resp: 51180
Ion Ratio Lower Upper
74 100
45 94.2 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.76 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

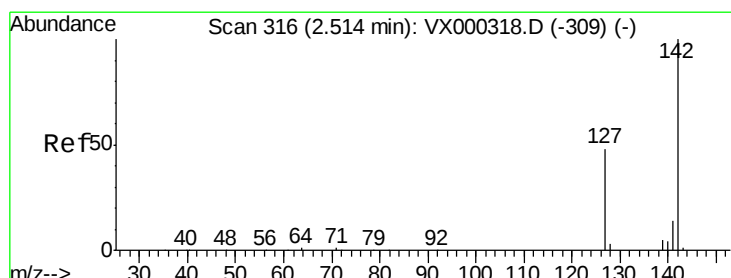
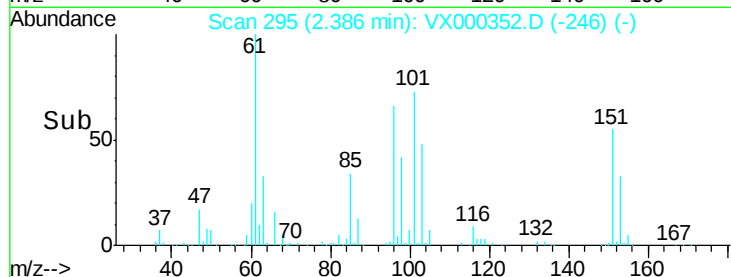
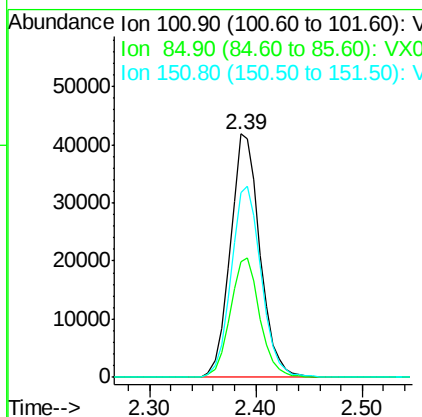
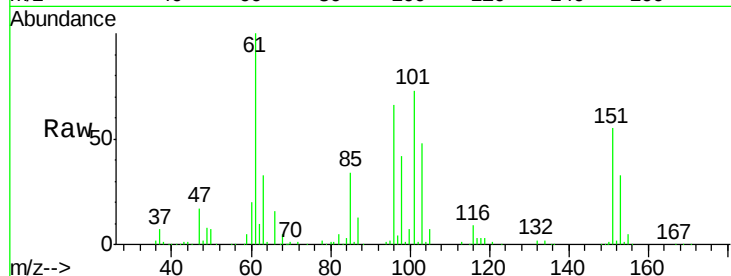
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	81786
Ion Ratio	Lower	Upper	
101	100		
85	48.6	37.6	56.4
151	79.6	62.6	93.8

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#10

Methyl Iodide

Concen: 47.76 ug/l

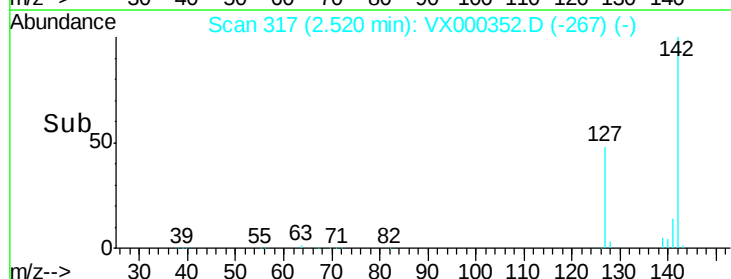
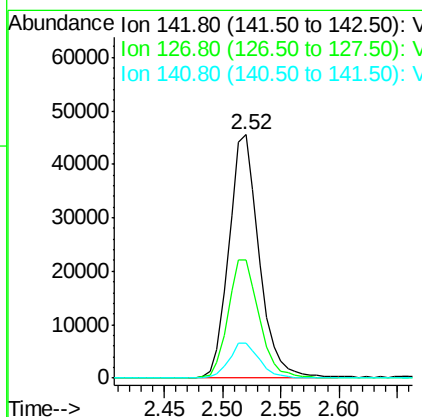
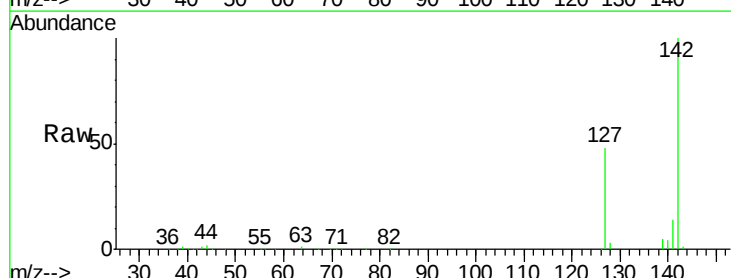
RT: 2.52 min Scan# 317

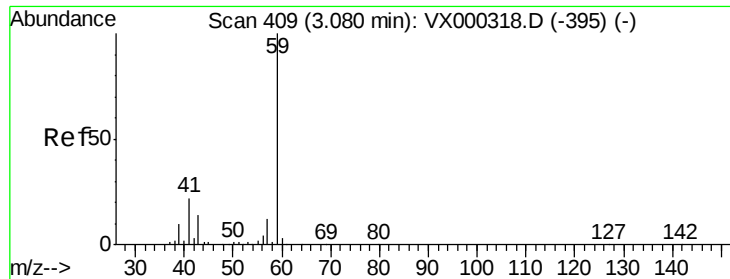
Delta R.T. 0.01 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Tgt Ion:	142	Resp:	82631
Ion Ratio	Lower	Upper	
142	100		
127	49.8	39.2	58.8
141	14.4	11.7	17.5





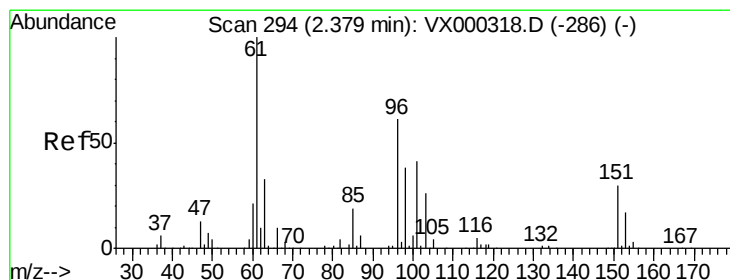
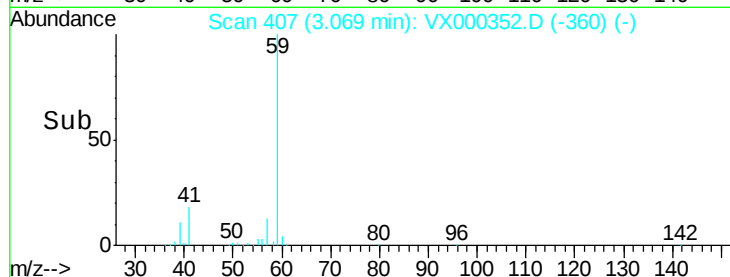
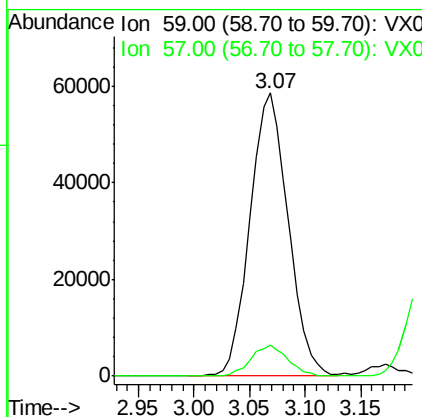
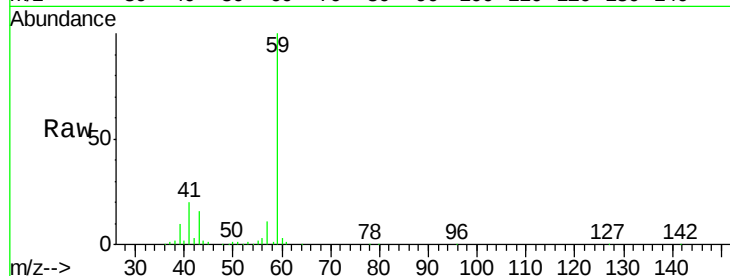
#11
Tert butyl alcohol
Concen: 210.00 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 139944
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6

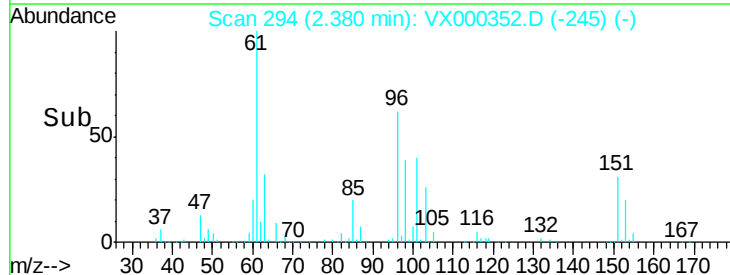
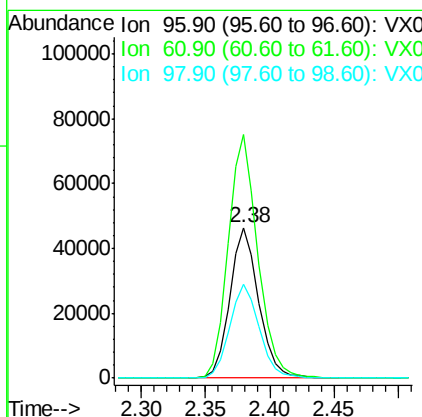
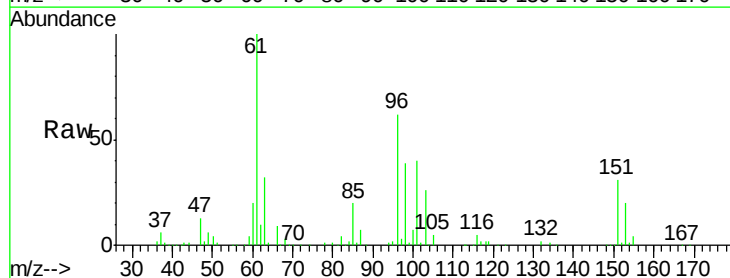
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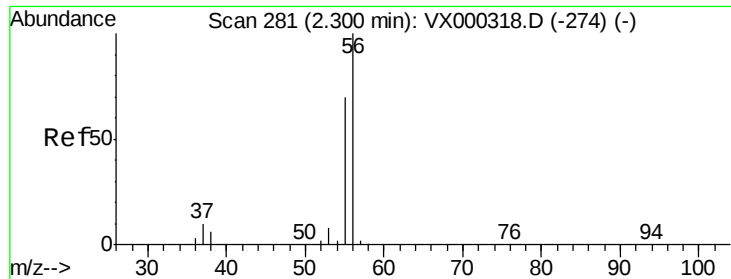
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#12
1,1-Dichloroethene
Concen: 44.63 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Tgt Ion: 96 Resp: 72525
Ion Ratio Lower Upper
96 100
61 162.0 131.2 196.8
98 62.8 49.8 74.8





#13

Acrolein

Concen: 220.82 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 63309

Ion Ratio Lower Upper

56 100

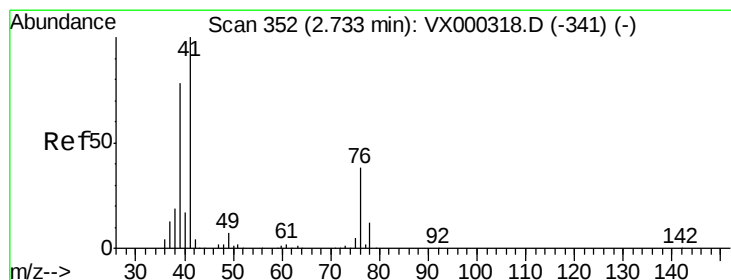
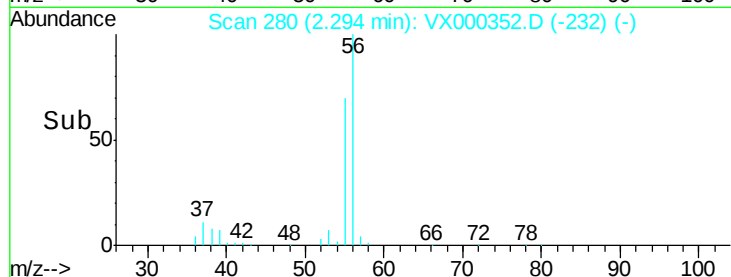
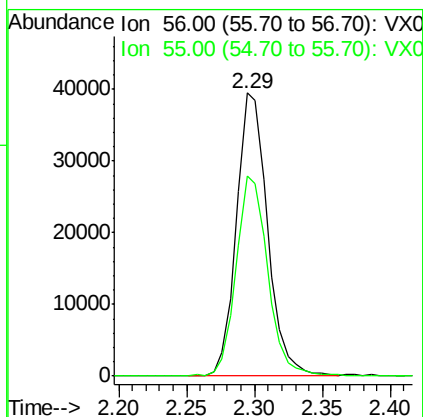
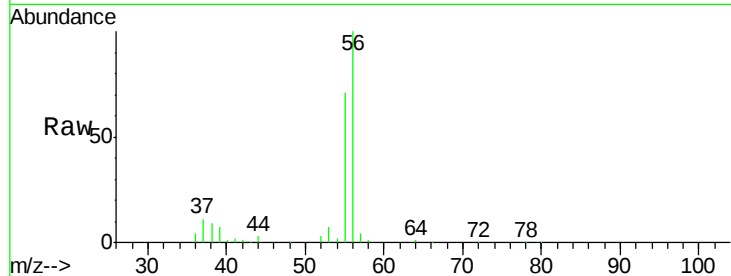
55 72.0 58.8 88.2

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#14

Allyl chloride

Concen: 44.13 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

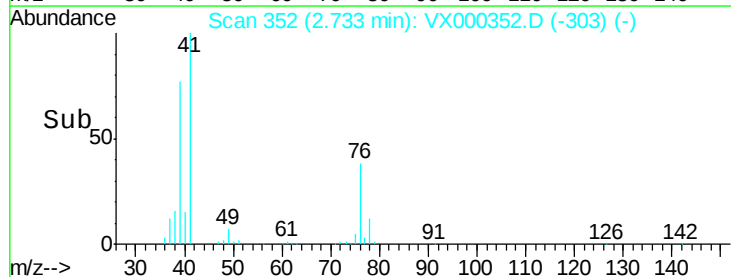
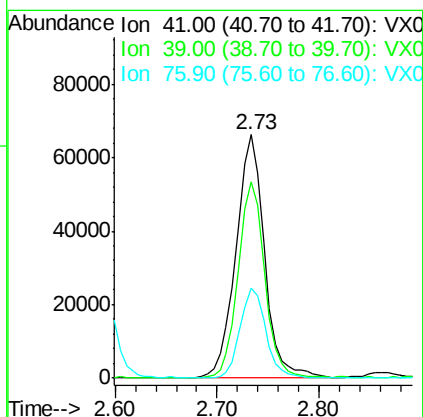
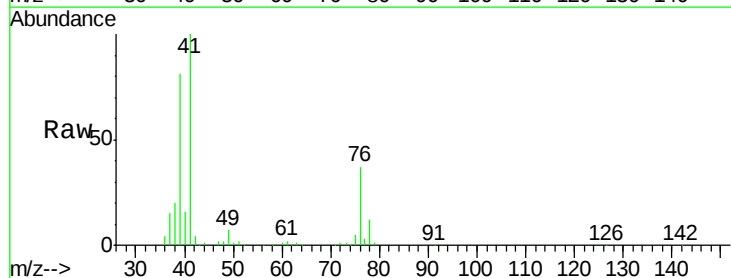
Tgt Ion: 41 Resp: 127874

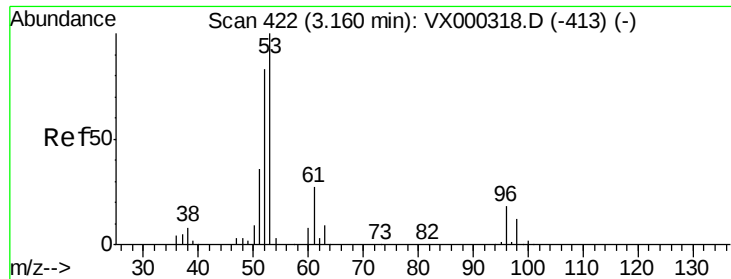
Ion Ratio Lower Upper

41 100

39 75.2 57.6 86.4

76 33.8 27.3 40.9





#15

Acrylonitrile

Concen: 222.91 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000352.D

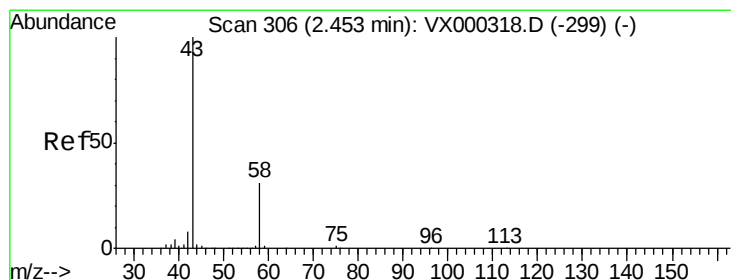
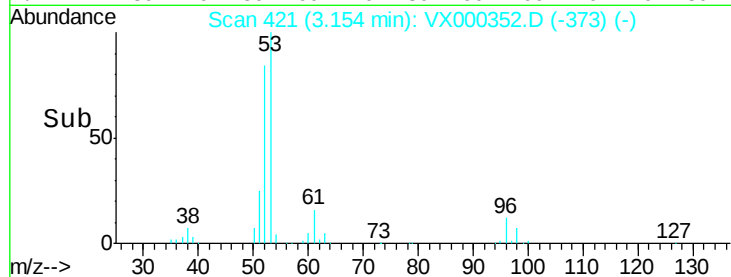
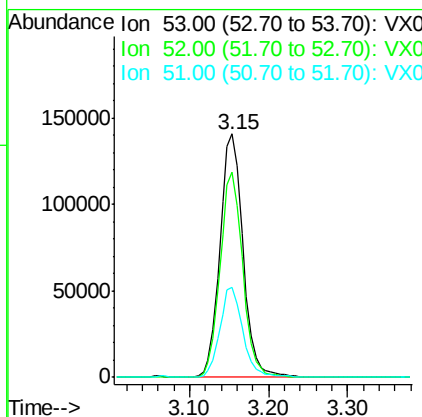
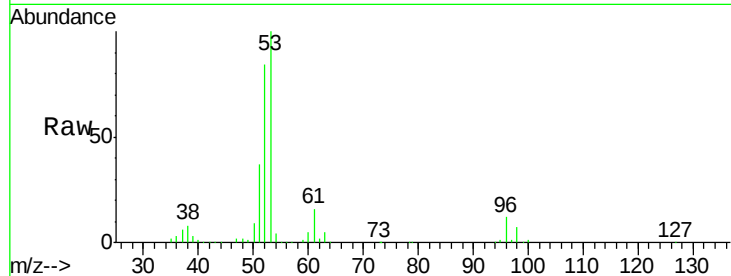
Acq: 16 Mar 2018 17:53

Tgt Ion:	53	Resp:	286417
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.6	99.8
51	37.0	29.3	43.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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#16

Acetone

Concen: 242.72 ug/l

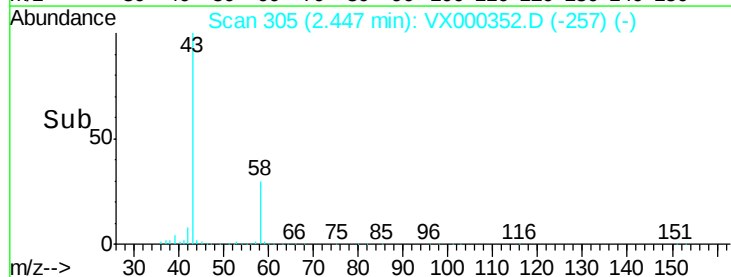
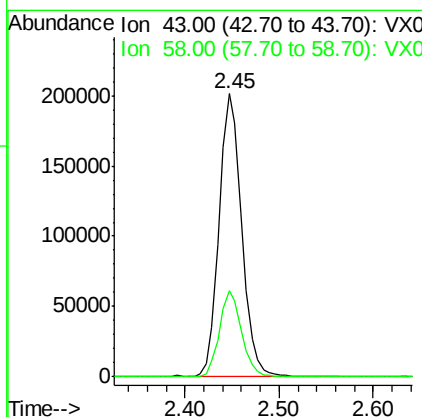
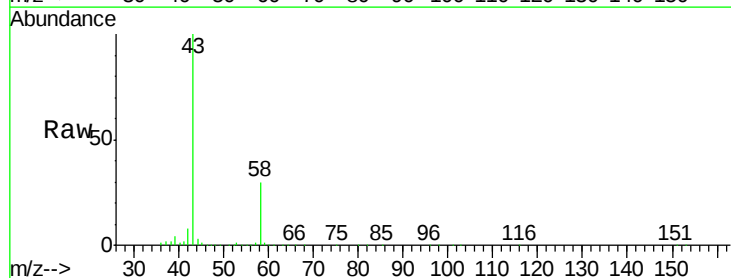
RT: 2.45 min Scan# 305

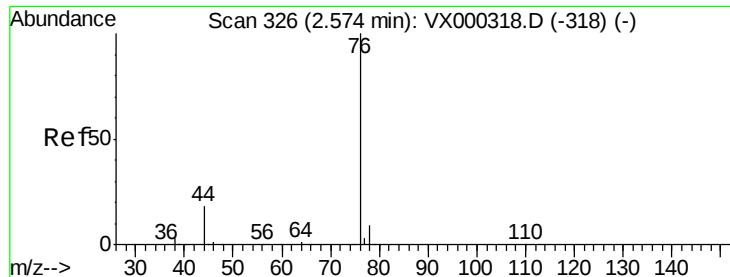
Delta R.T. -0.01 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Tgt Ion:	43	Resp:	333791
Ion Ratio		Lower	Upper
43	100		
58	30.3	24.7	37.1





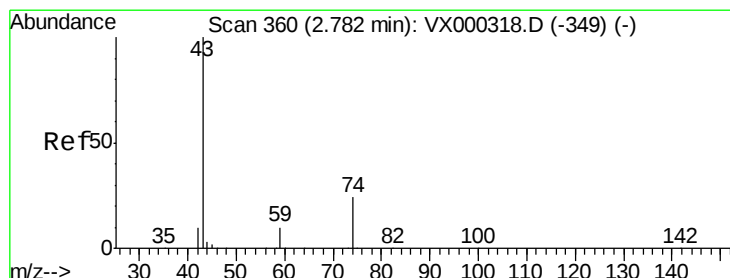
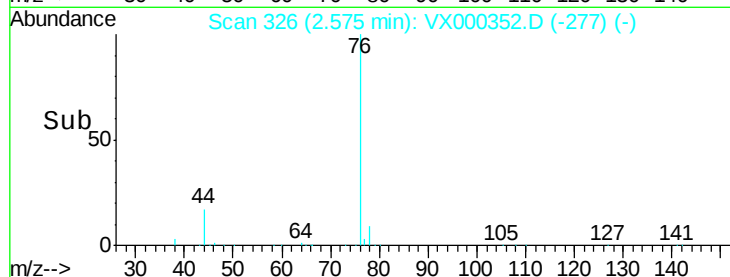
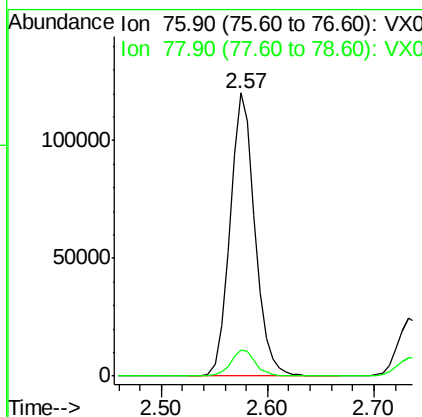
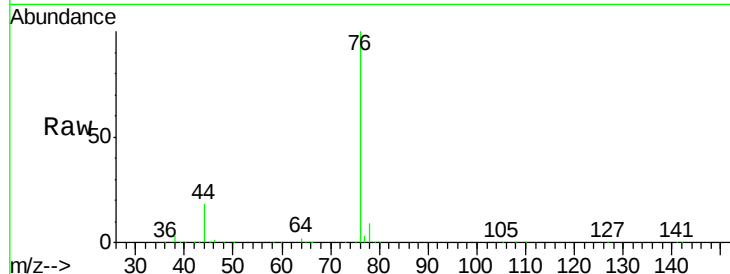
#17
Carbon Disulfide
Concen: 41.45 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

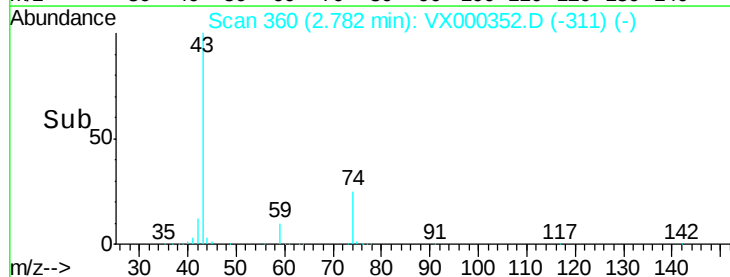
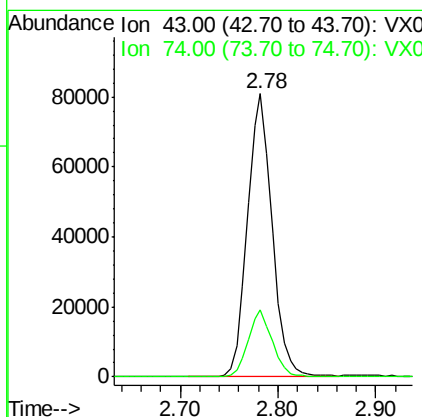
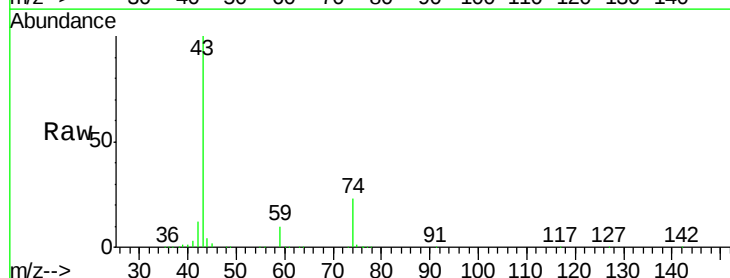
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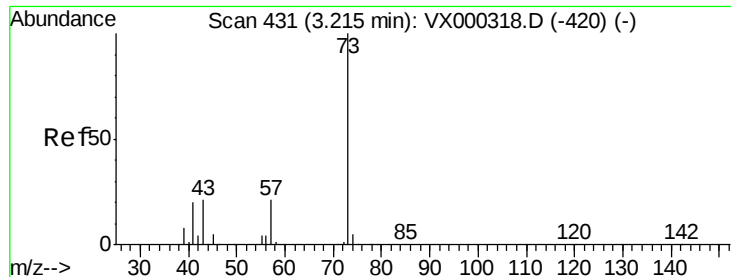
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#18
Methyl Acetate
Concen: 45.76 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.4	29.2





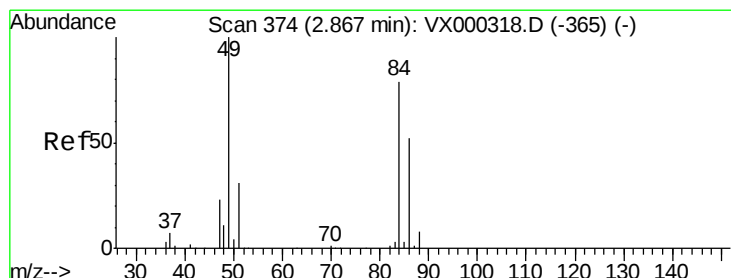
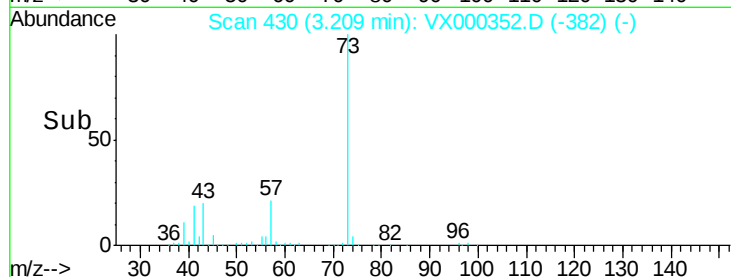
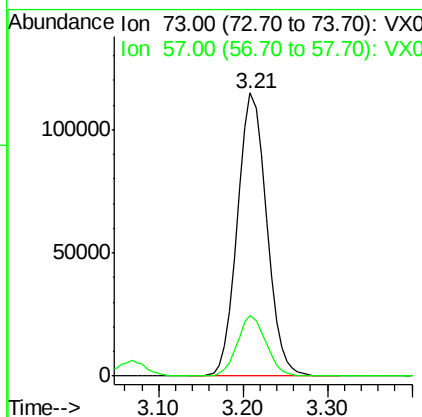
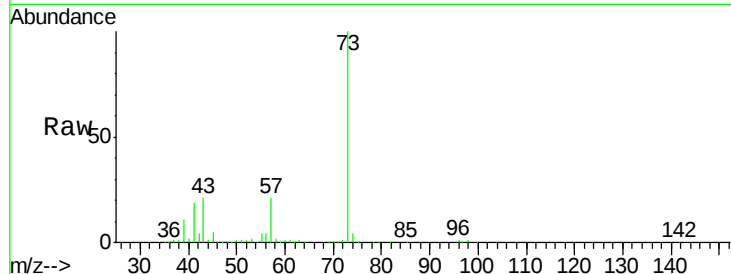
#19
Methyl tert-butyl Ether
Concen: 47.08 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 269369
Ion Ratio Lower Upper
73 100
57 21.3 17.2 25.8

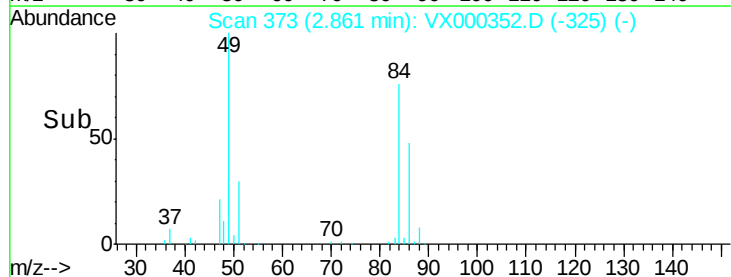
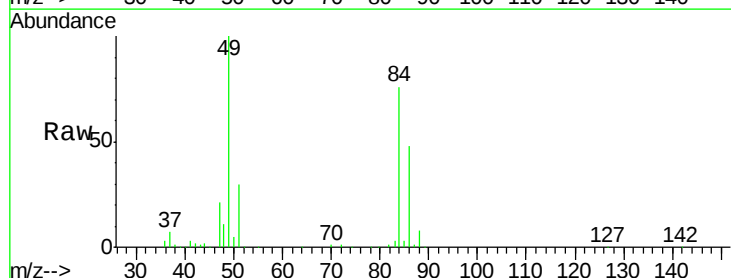
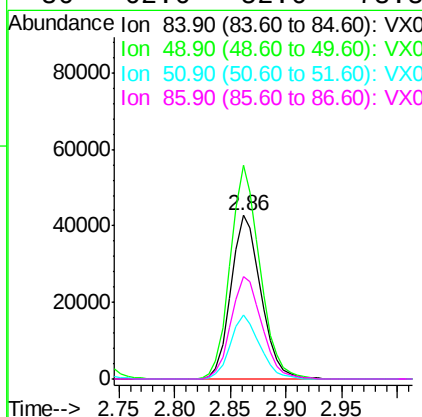
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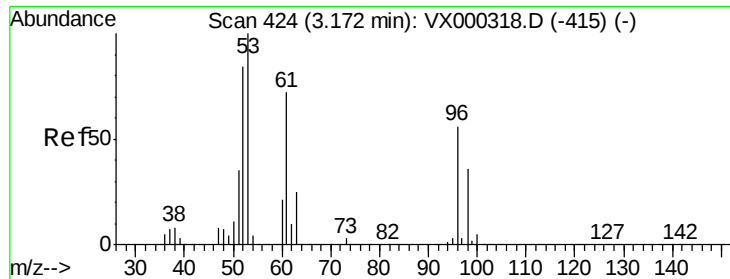
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#20
Methylene Chloride
Concen: 44.79 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Tgt Ion: 84 Resp: 79748
Ion Ratio Lower Upper
84 100
49 130.7 100.6 151.0
51 39.3 31.6 47.4
86 62.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 43.27 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

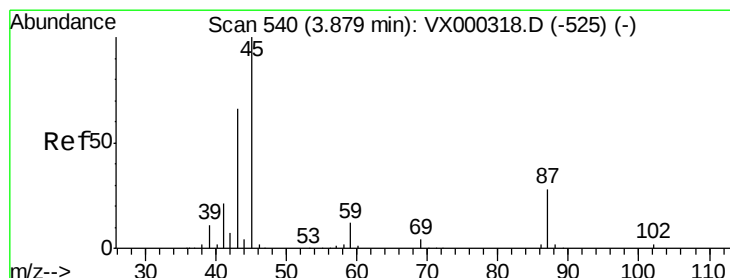
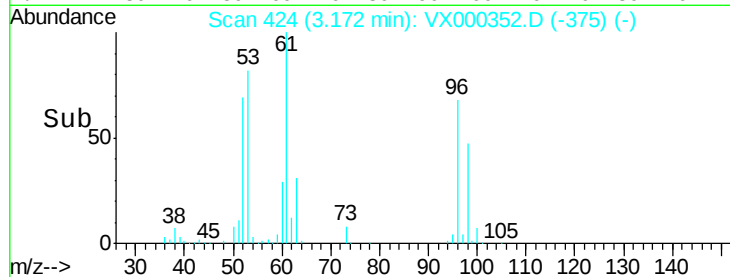
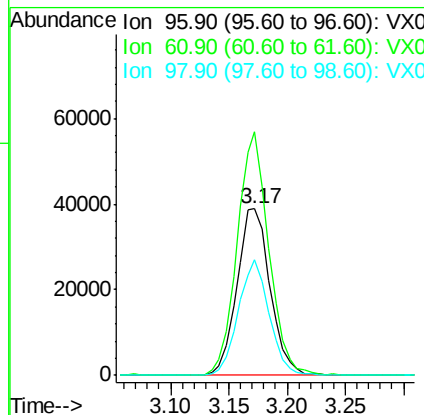
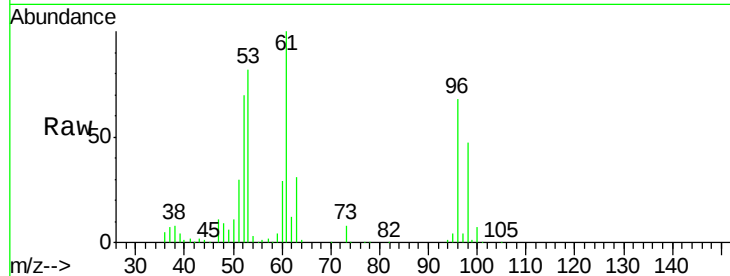
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	77749
Ion	Ratio	Lower	Upper
96	100		
61	146.0	104.0	156.0
98	69.1	52.1	78.1

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#22

Diisopropyl ether

Concen: 53.03 ug/l

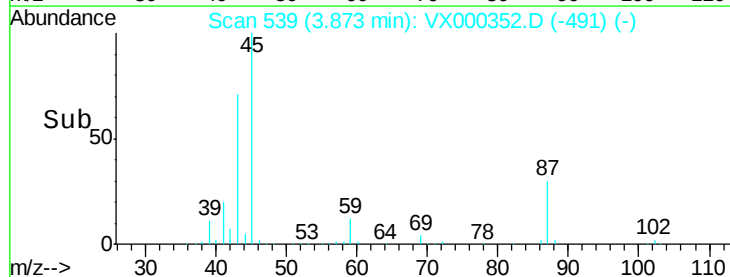
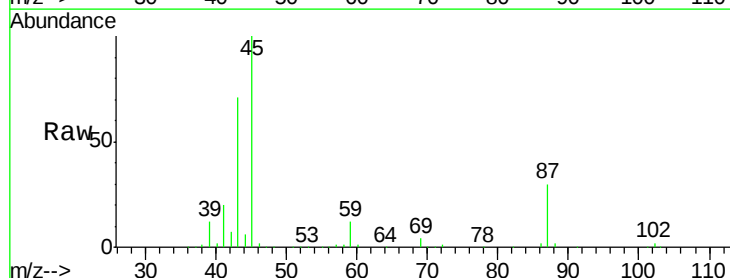
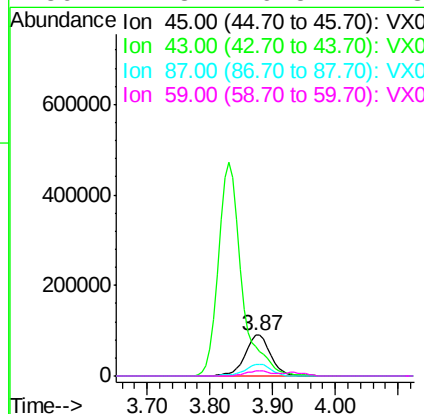
RT: 3.87 min Scan# 539

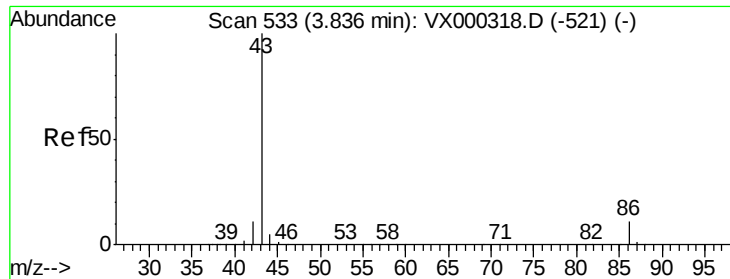
Delta R.T. -0.01 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Tgt Ion:	45	Resp:	255790
Ion	Ratio	Lower	Upper
45	100		
43	71.0	53.9	80.9
87	29.9	22.6	34.0
59	12.3	9.5	14.3





#23

Vinyl Acetate

Concen: 265.10 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1218717

Ion Ratio Lower Upper

43 100

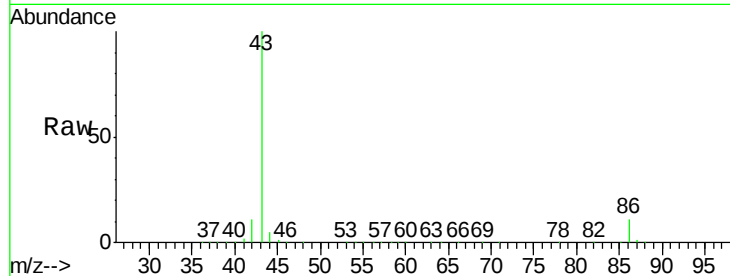
86 10.5 8.6 12.8

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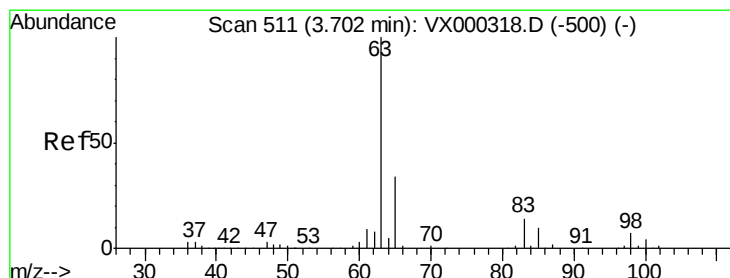
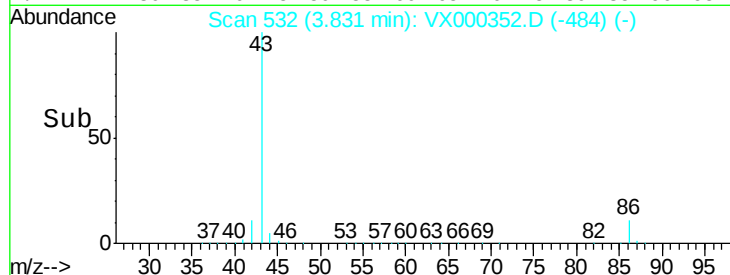
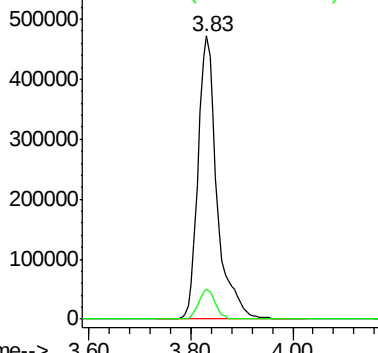
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.87 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

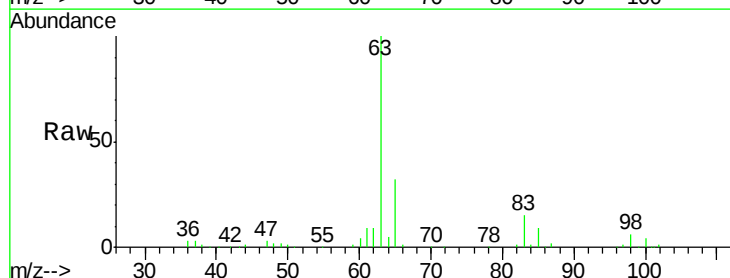
Tgt Ion: 63 Resp: 142212

Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.9

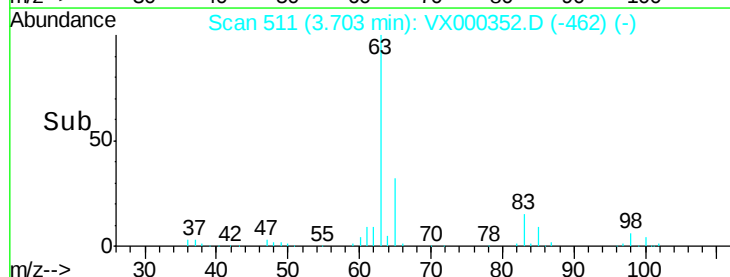
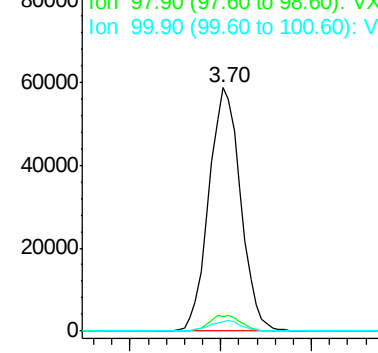
100 3.8 2.0 5.8

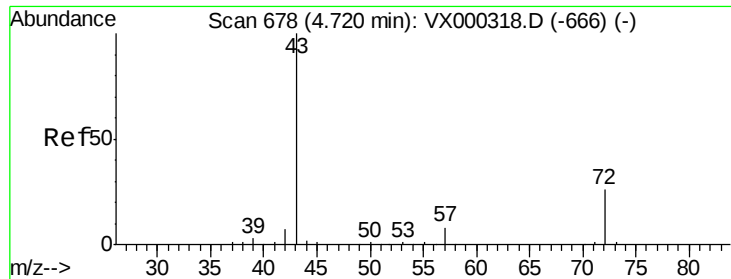


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 242.82 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 399094

Ion Ratio Lower Upper

43 100

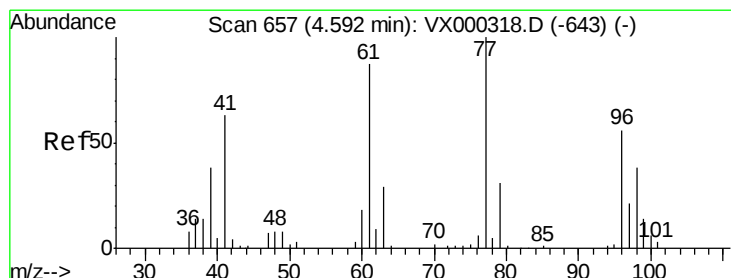
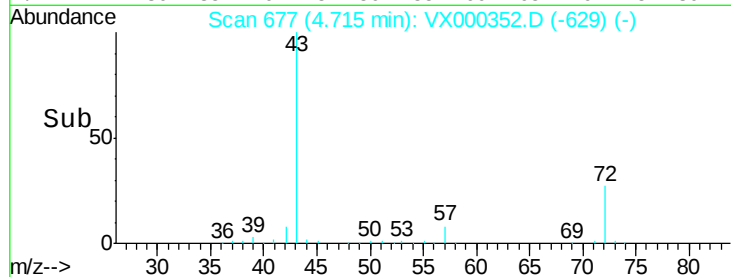
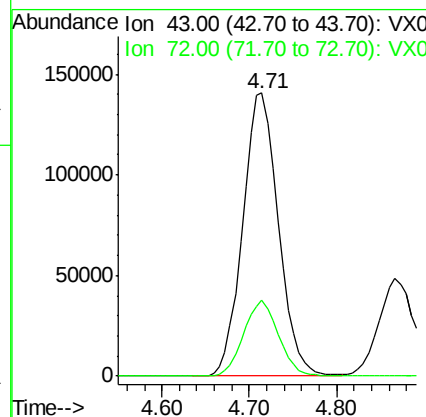
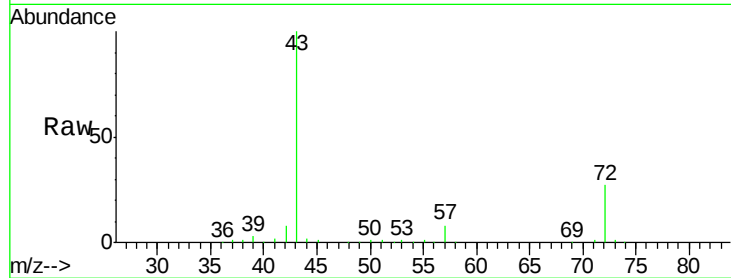
72 26.6 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.67 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000352.D

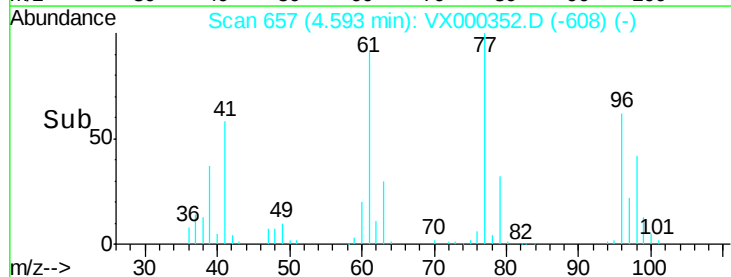
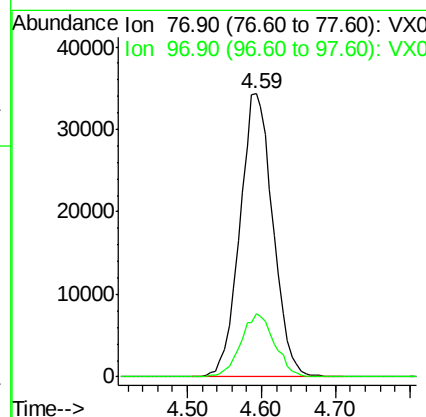
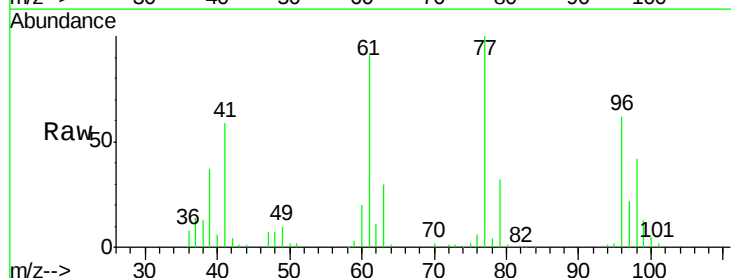
Acq: 16 Mar 2018 17:53

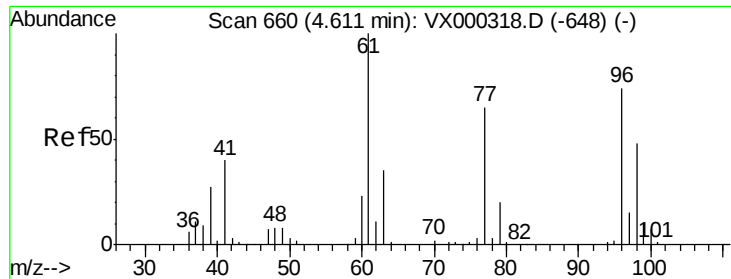
Tgt Ion: 77 Resp: 106584

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.8





#27

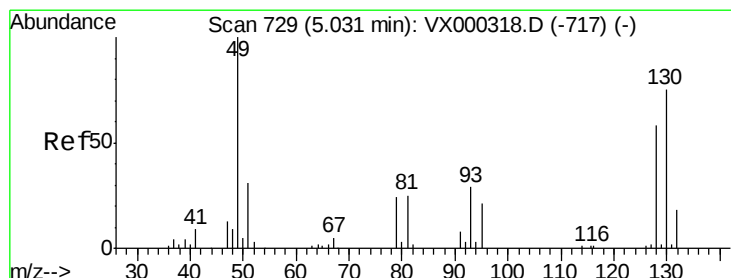
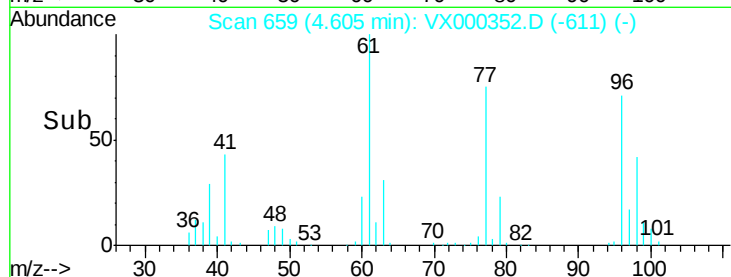
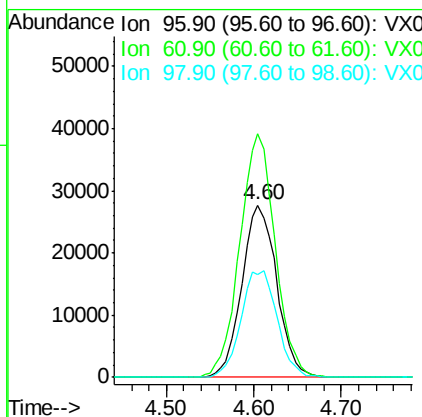
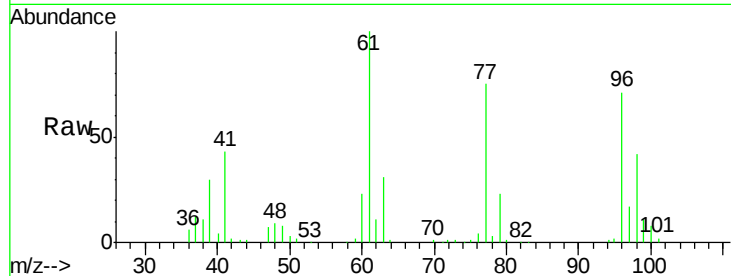
cis-1,2-Dichloroethene
Concen: 46.77 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	291.6
98	64.2	0.0	132.0

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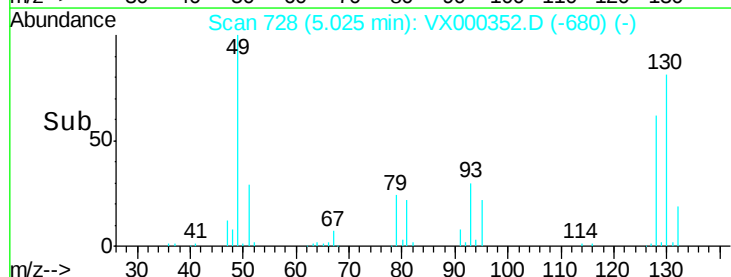
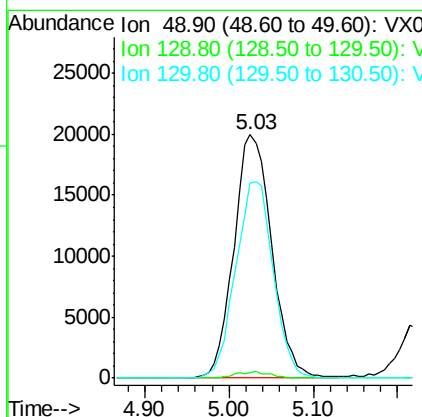
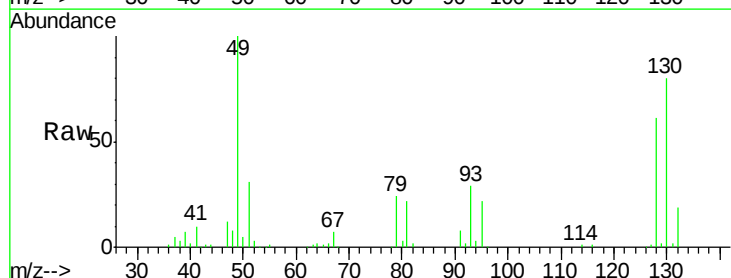
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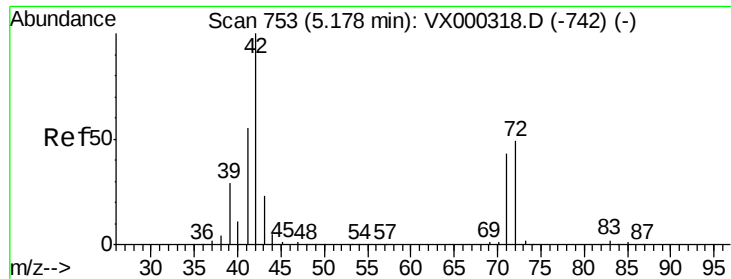


#28

Bromochloromethane
Concen: 47.70 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	79.8	64.0	96.0





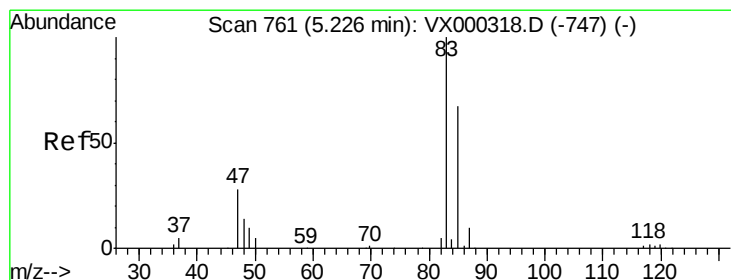
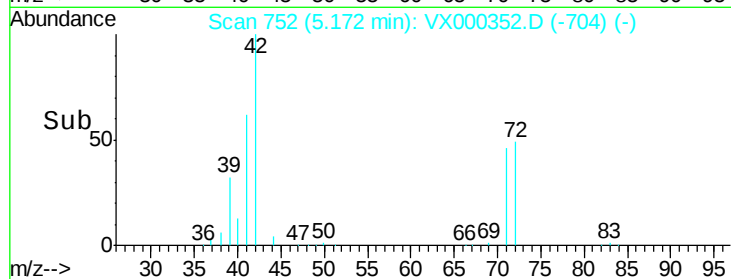
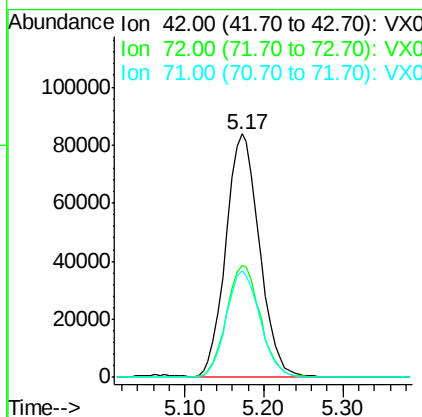
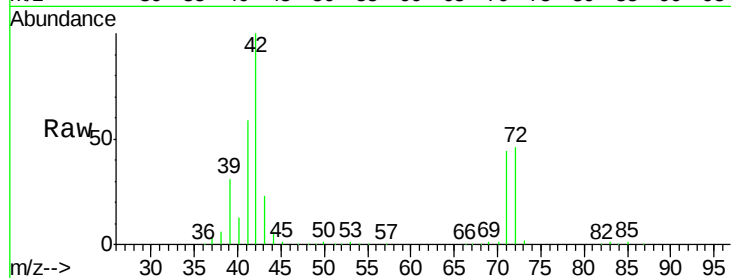
#29
Tetrahydrofuran
Concen: 234.55 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.9	56.9
71	43.9	34.4	51.6

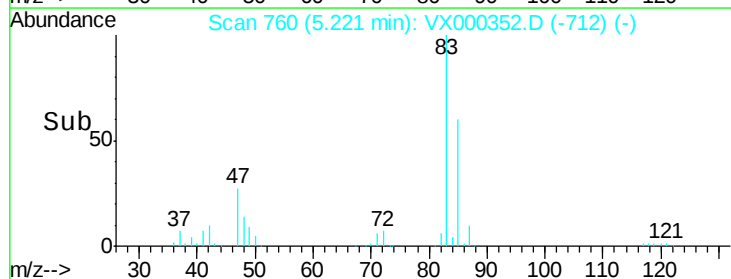
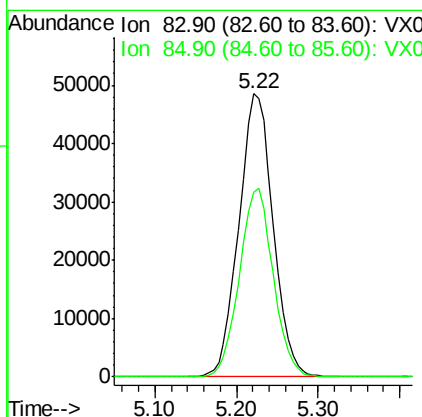
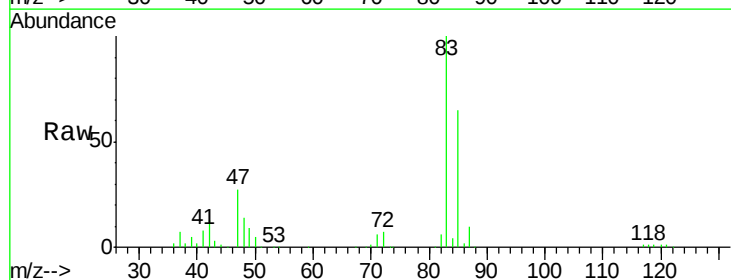
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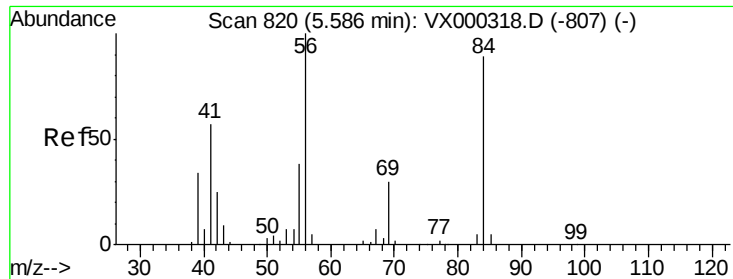
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#30
Chloroform
Concen: 49.40 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	53.3	79.9





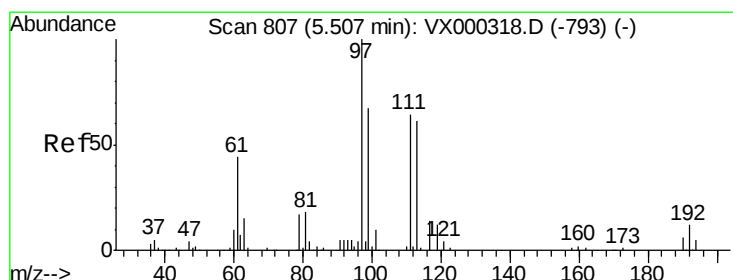
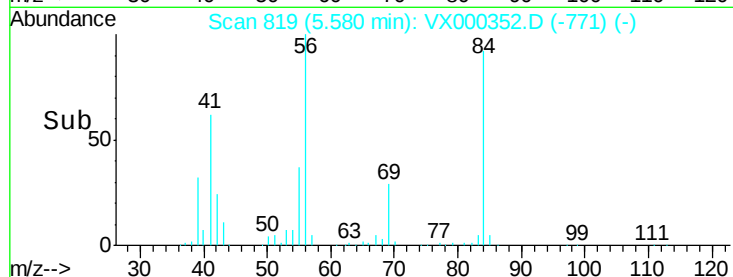
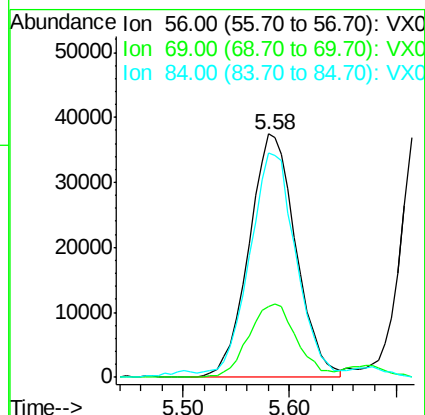
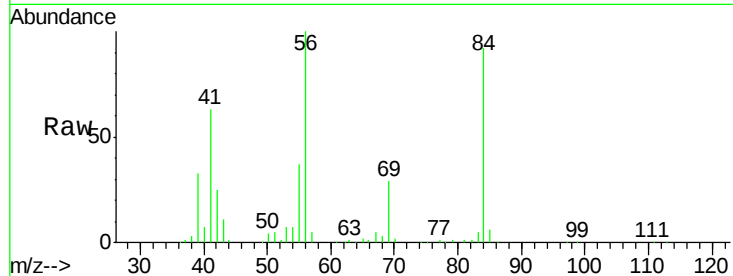
#31
Cyclohexane
Concen: 49.54 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 115332
Ion Ratio Lower Upper
56 100
69 29.0 23.4 35.0
84 89.5 71.0 106.4

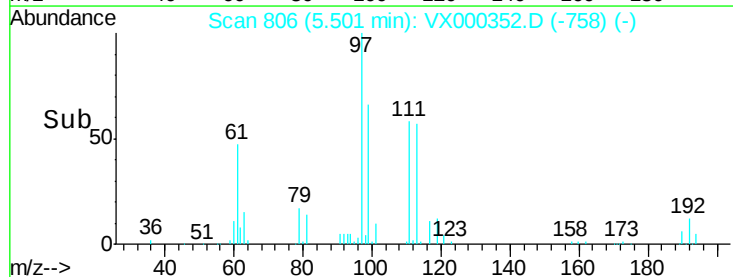
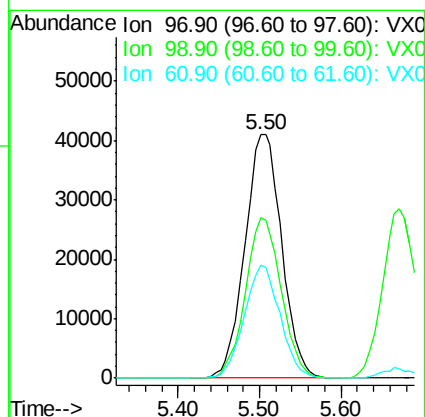
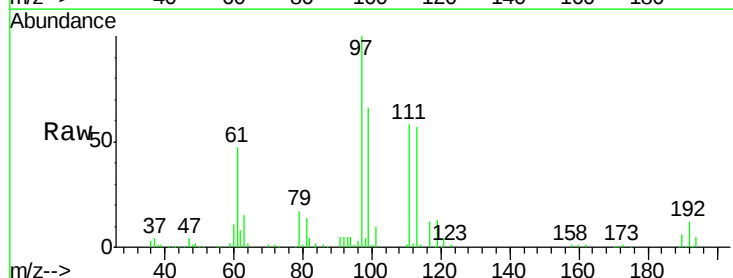
Manual Integrations
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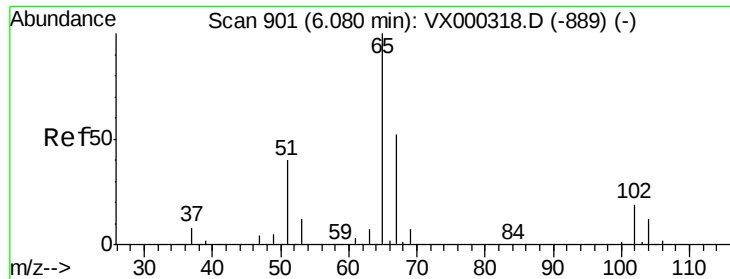
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#32
1,1,1-Trichloroethane
Concen: 50.80 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Tgt Ion: 97 Resp: 128604
Ion Ratio Lower Upper
97 100
99 64.0 52.1 78.1
61 45.2 36.2 54.4





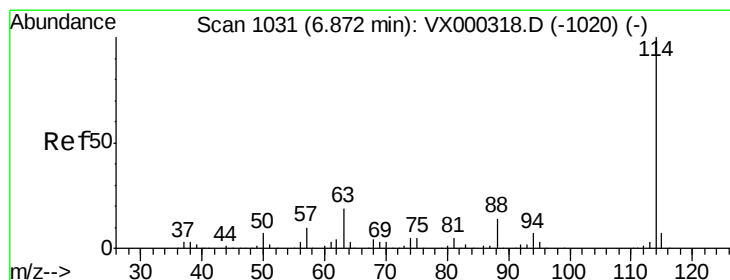
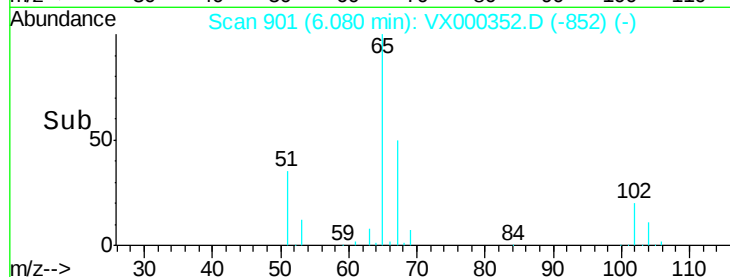
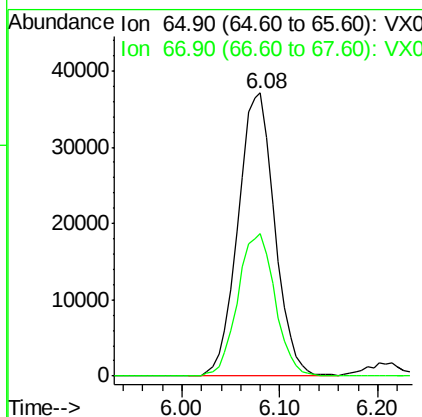
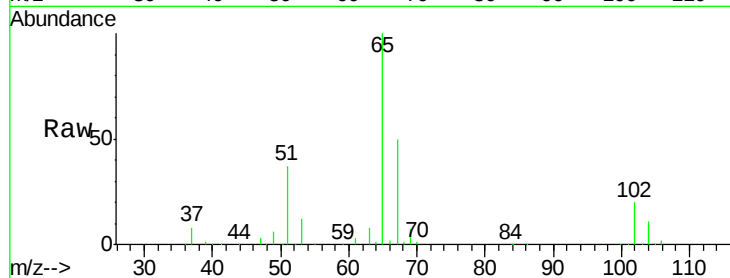
#33
 1,2-Dichloroethane-d4
 Concen: 46.93 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000352.D
 Acq: 16 Mar 2018 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	96657		
67	51.1	0.0	103.2	

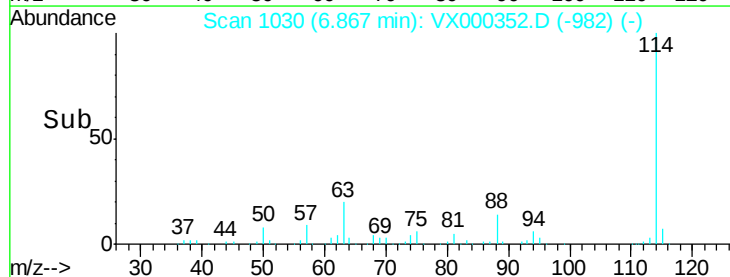
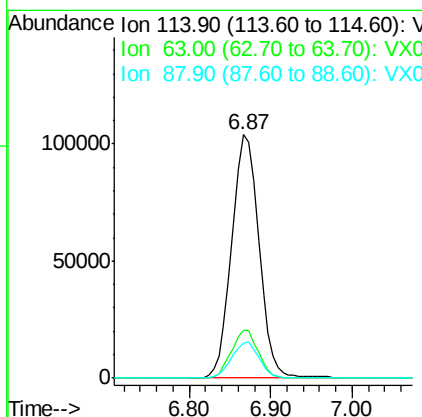
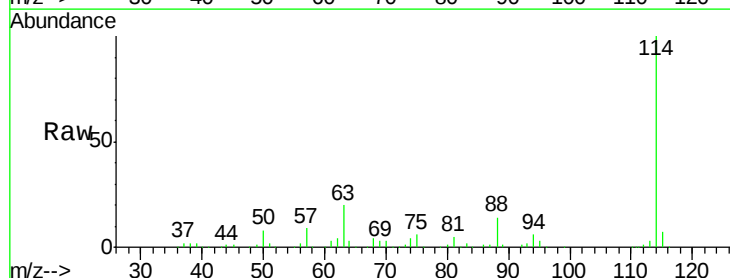
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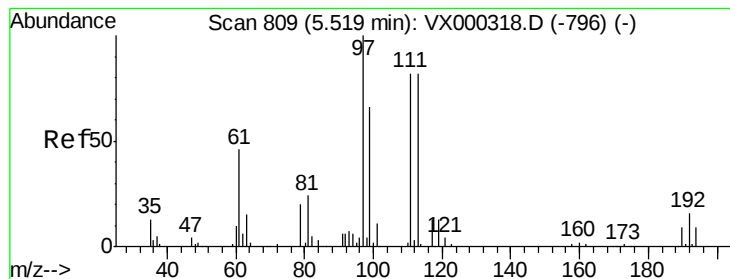
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000352.D
 Acq: 16 Mar 2018 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	240774		
63	19.8	0.0	38.4	
88	14.4	0.0	27.0	





#35

Dibromofluoromethane

Concen: 50.05 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

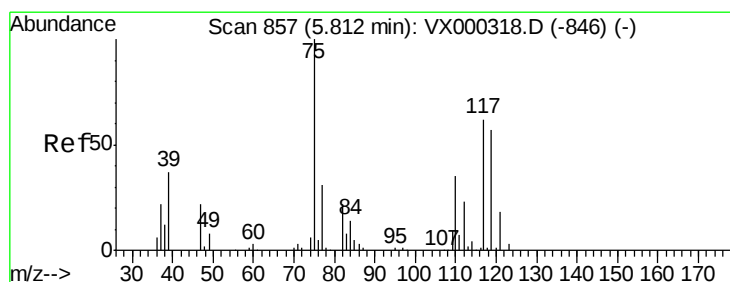
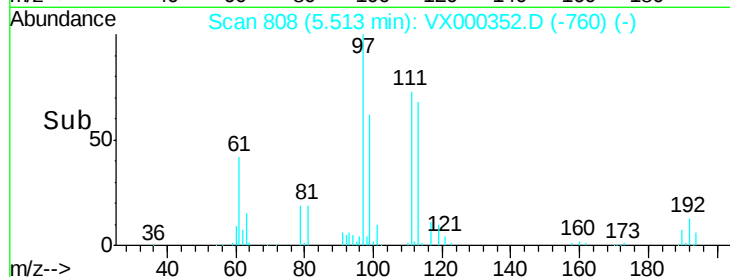
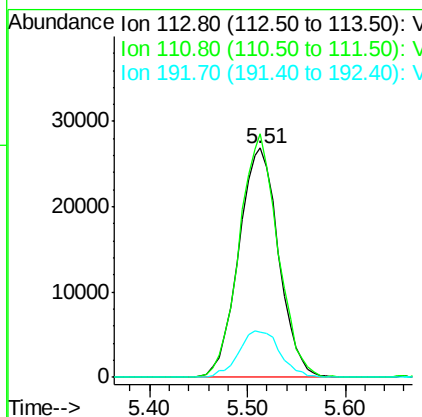
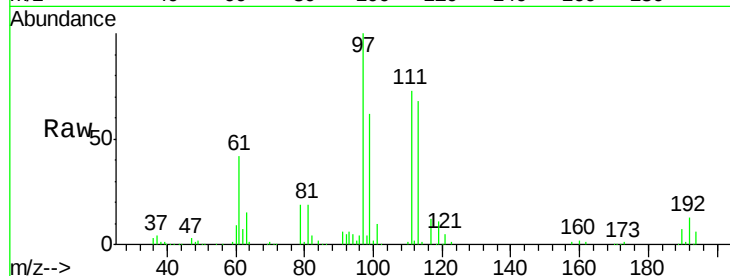
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	76028
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.4	123.6
192	20.8	15.8	23.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.87 ug/l

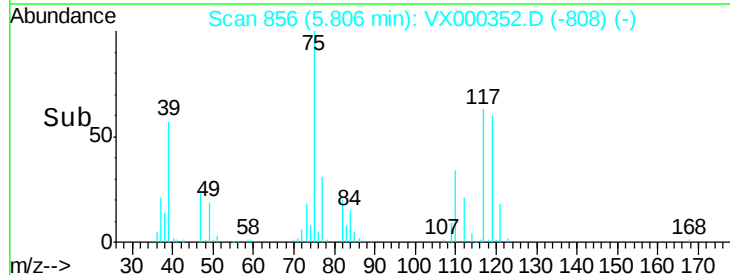
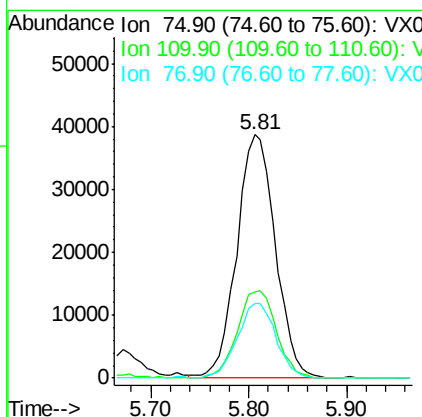
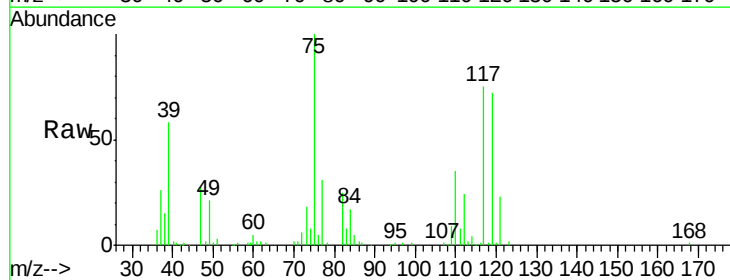
RT: 5.81 min Scan# 856

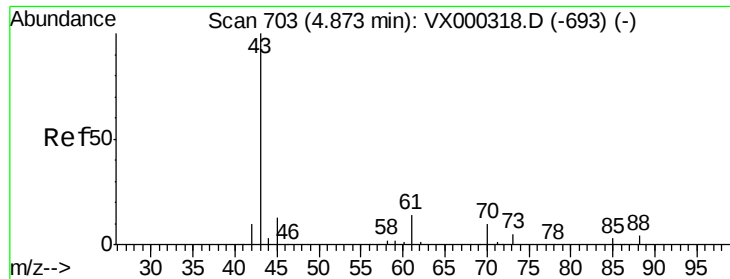
Delta R.T. -0.01 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Tgt Ion:	75	Resp:	104730
Ion Ratio	Lower	Upper	
75	100		
110	36.5	17.9	53.7
77	30.7	24.0	36.0





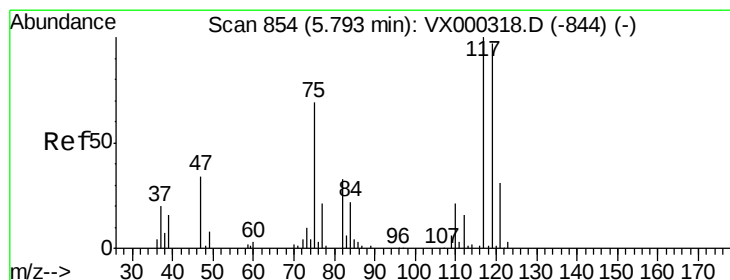
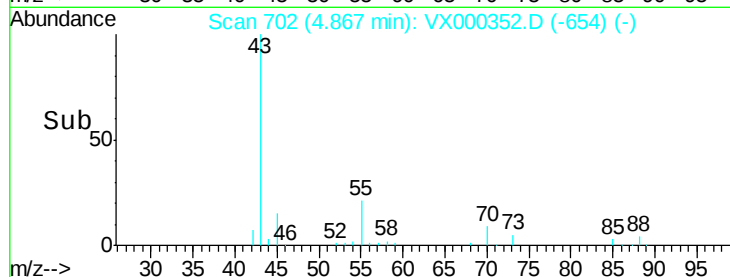
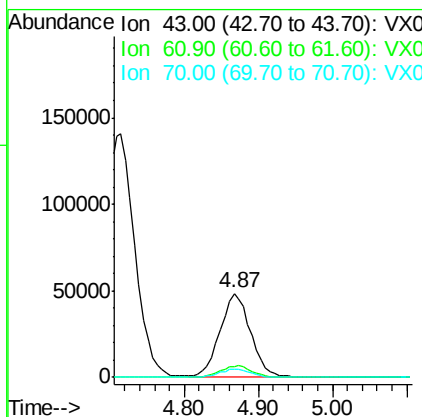
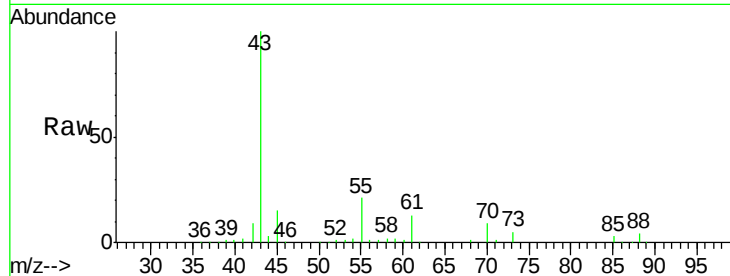
#37
Ethyl Acetate
Concen: 47.62 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.1	16.7
70	9.7	7.7	11.5

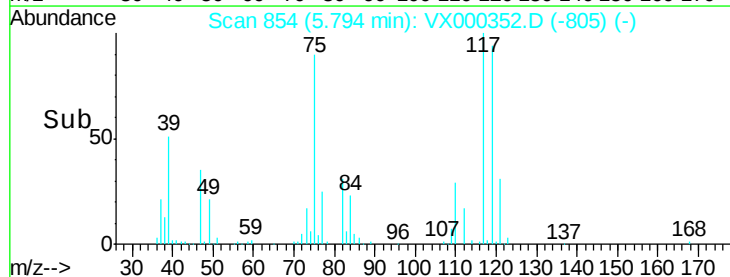
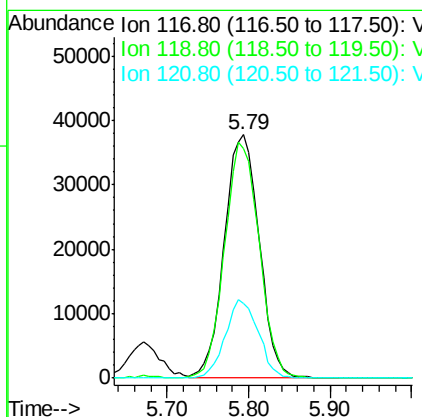
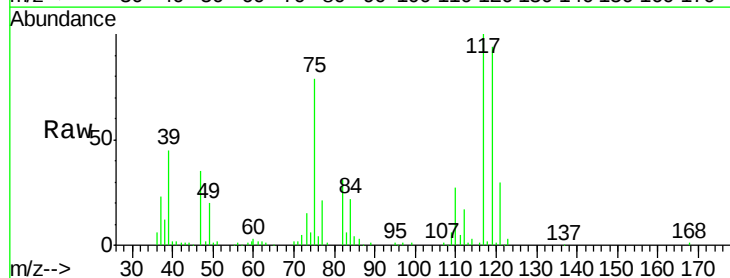
Manual Integrations
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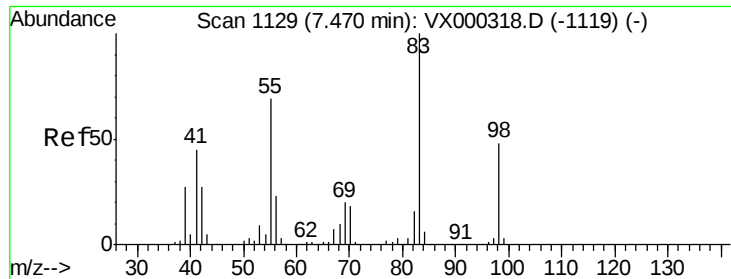
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#38
Carbon Tetrachloride
Concen: 50.73 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.4	116.2
121	30.5	24.8	37.2





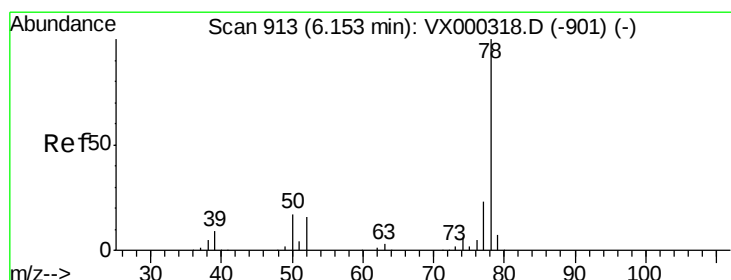
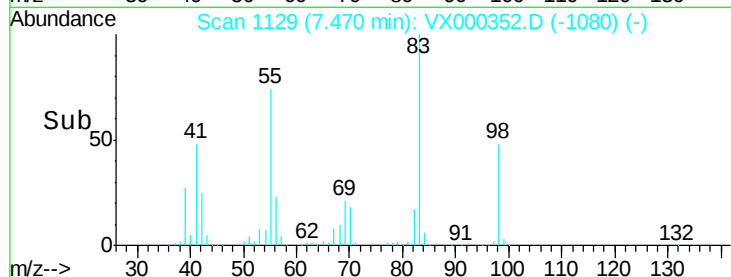
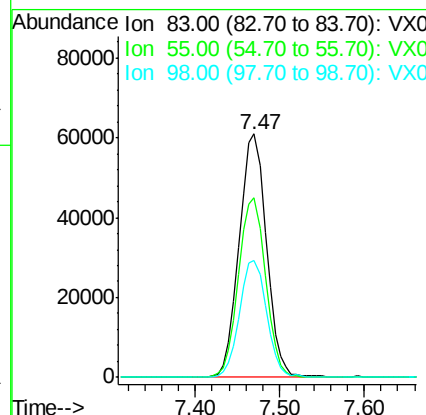
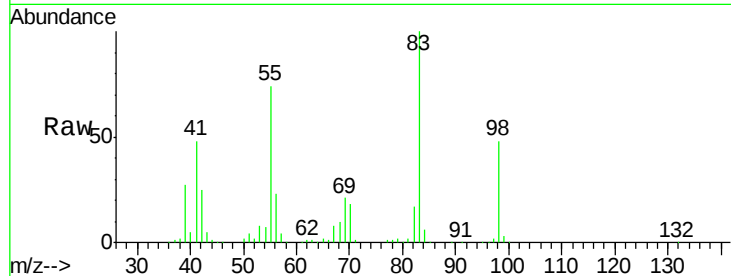
#39
Methylcyclohexane
Concen: 52.46 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.6	55.5	83.3
98	48.1	38.2	57.4

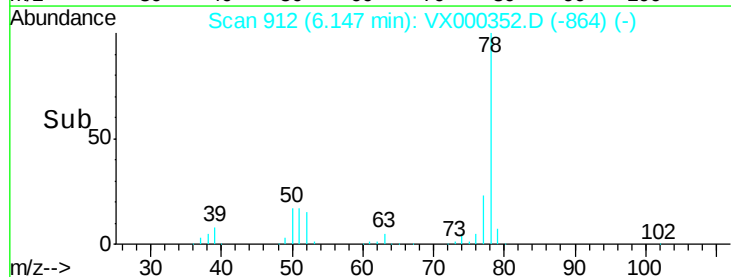
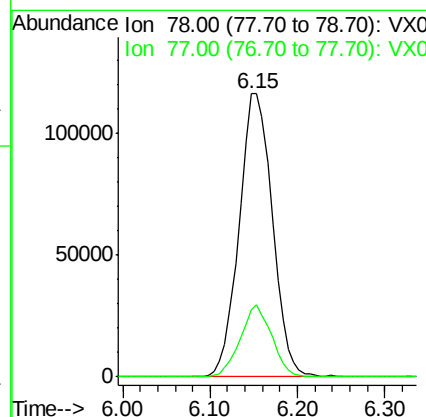
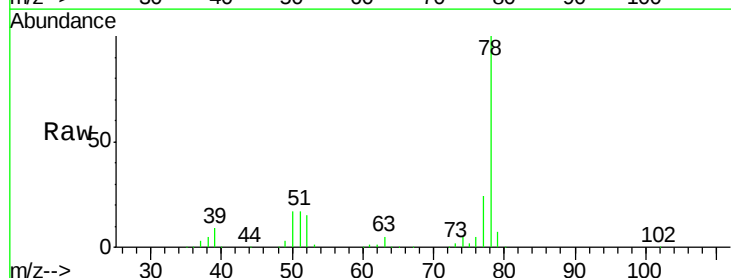
Manual Integrations
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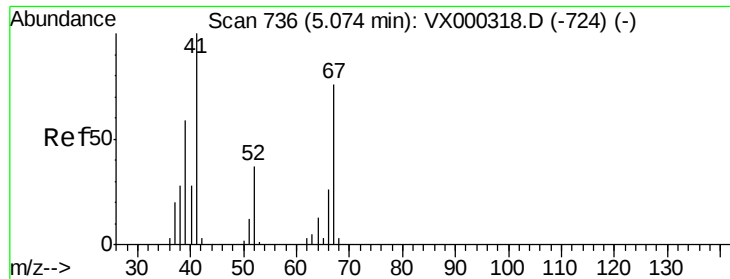
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#40
Benzene
Concen: 49.76 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1





#41

Methacrylonitrile

Concen: 48.18 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

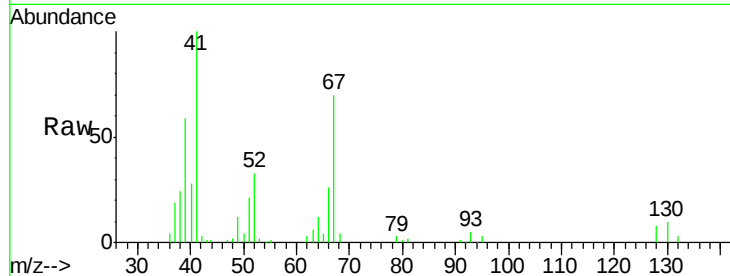
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	41	Resp:	7357
Ion Ratio	Lower	Upper	
41	100		
39	54.9	45.7	68.5
67	74.1	57.8	86.8
52	32.7	26.7	40.1

Manual Integrations
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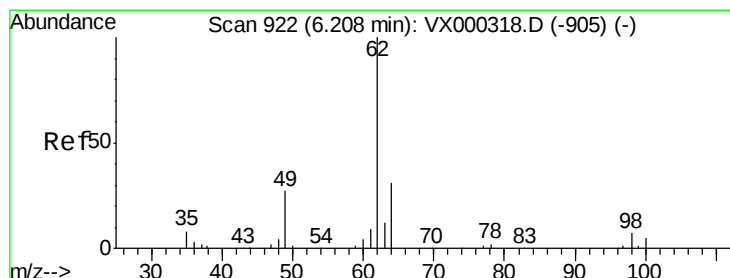
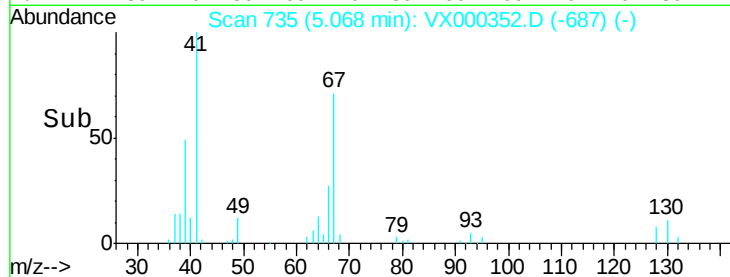
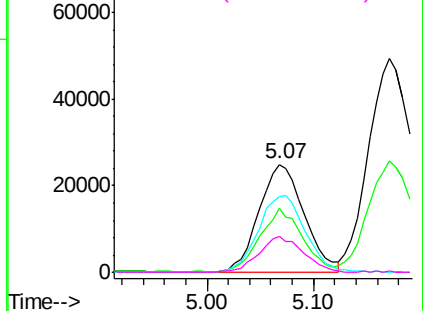


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.22 ug/l

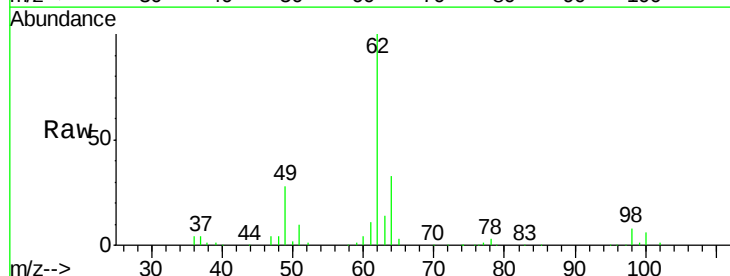
RT: 6.21 min Scan# 922

Delta R.T. 0.00 min

Lab File: VX000352.D

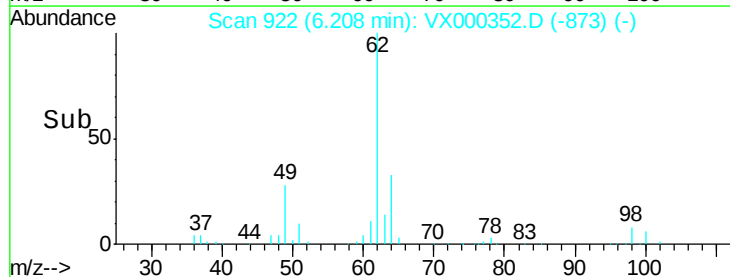
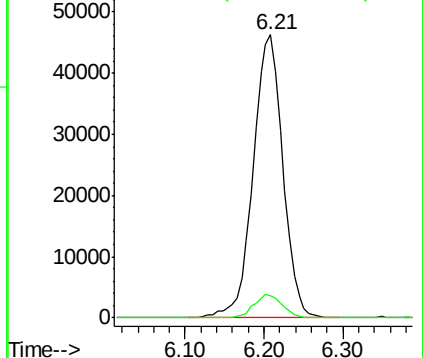
Acq: 16 Mar 2018 17:53

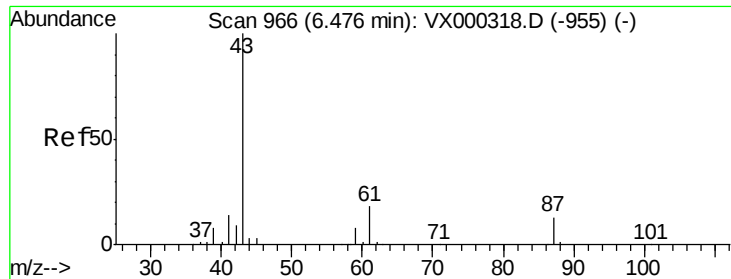
Tgt Ion:	62	Resp:	121089
Ion Ratio	Lower	Upper	
62	100		
98	7.7	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.07 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

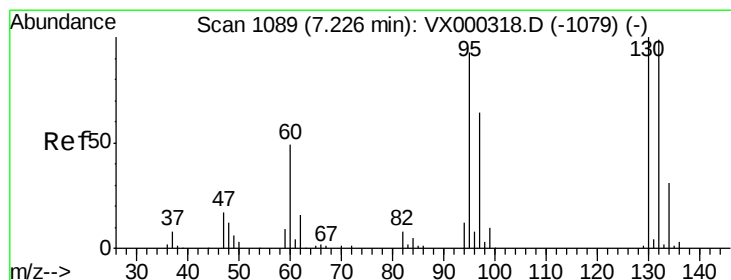
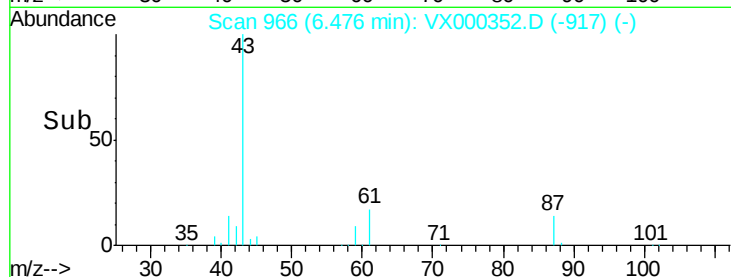
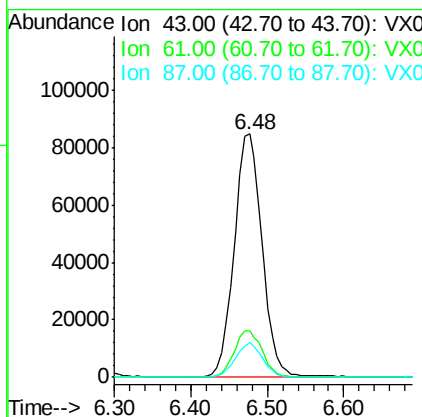
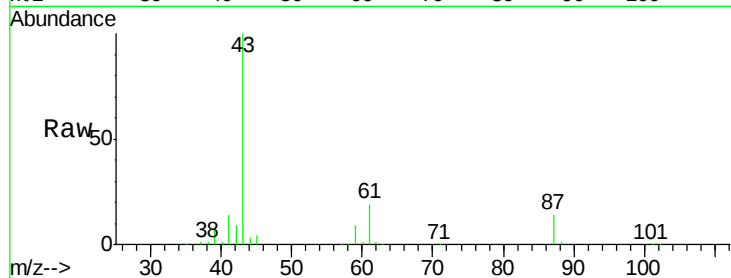
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	214322
Ion	Ratio	Lower	Upper
43	100		
61	19.4	14.4	21.6
87	13.8	11.0	16.4

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#44

Trichloroethene

Concen: 47.80 ug/l

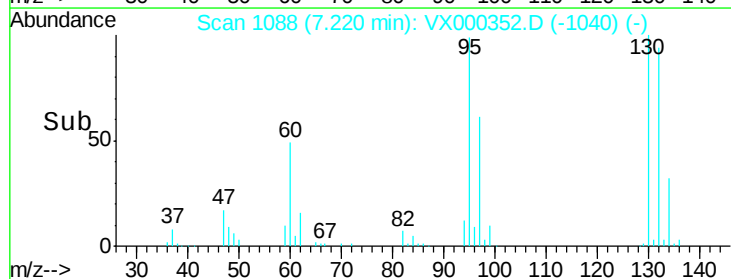
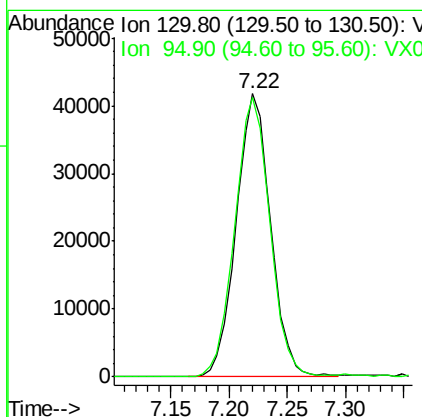
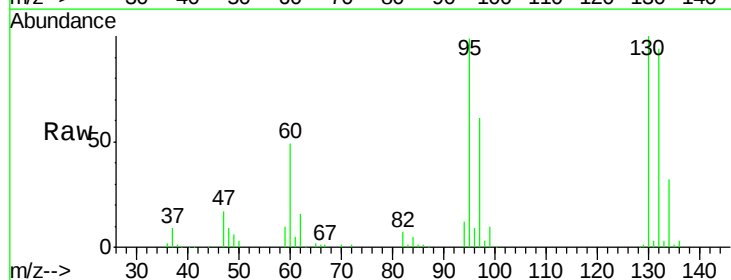
RT: 7.22 min Scan# 1088

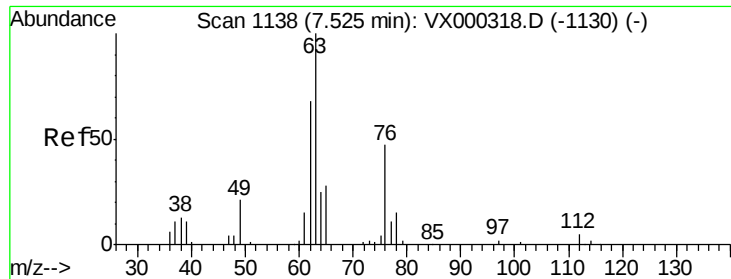
Delta R.T. -0.01 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Tgt Ion:	130	Resp:	85966
Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	186.0





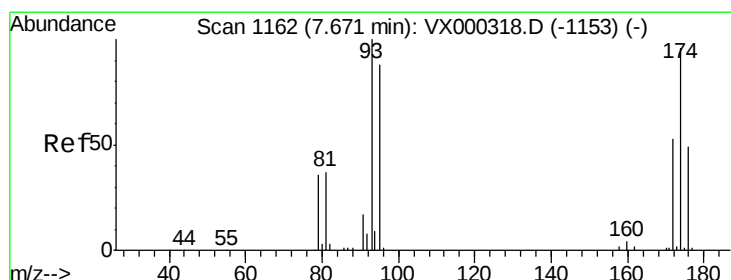
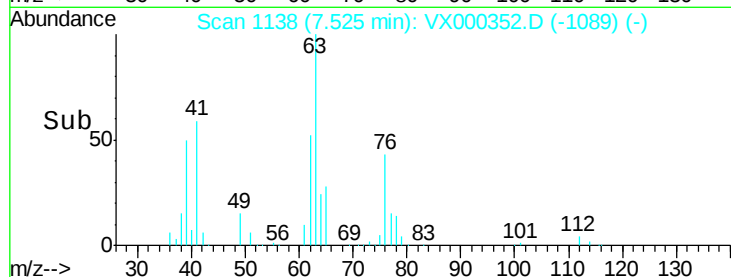
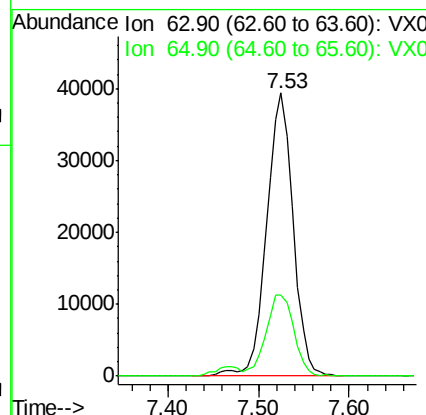
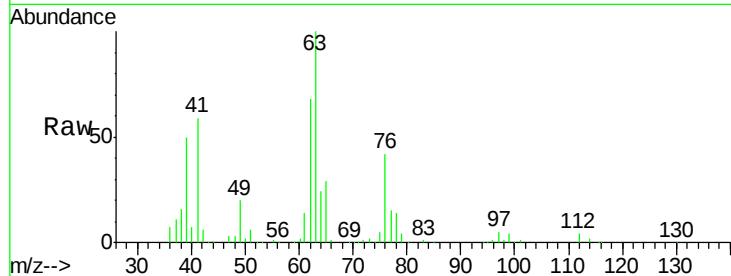
#45
1,2-Dichloropropane
Concen: 52.04 ug/l
RT: 7.53 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 79654
Ion Ratio Lower Upper
63 100
65 28.9 24.6 36.8

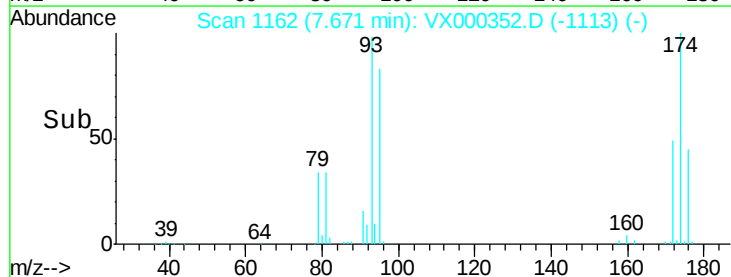
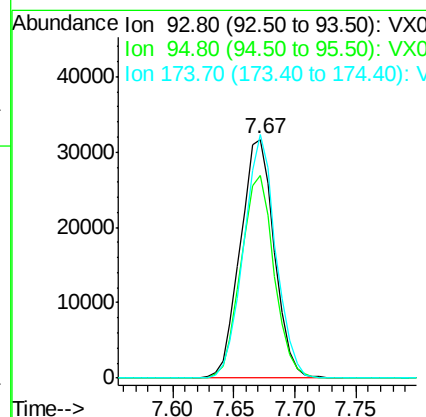
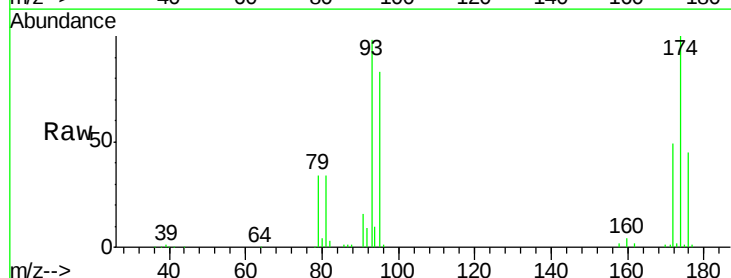
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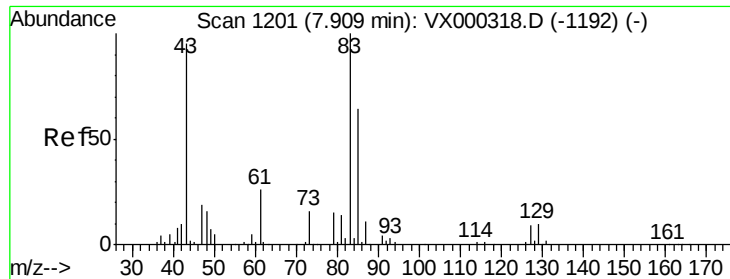
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#46
Dibromomethane
Concen: 49.67 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Tgt Ion: 93 Resp: 61080
Ion Ratio Lower Upper
93 100
95 82.8 66.5 99.7
174 96.2 76.0 114.0





#47

Bromodichloromethane

Concen: 51.44 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Tgt Ion:	83	Resp:	112295
Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.4	77.0
127	8.3	7.0	10.6

Instrument :

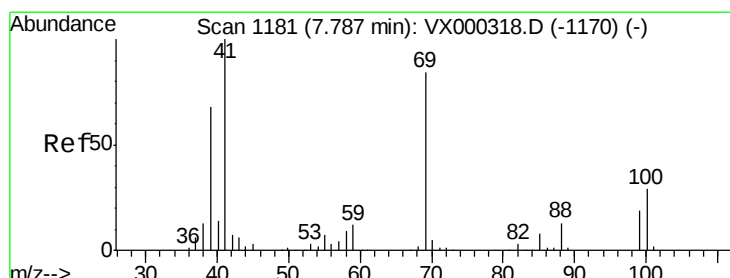
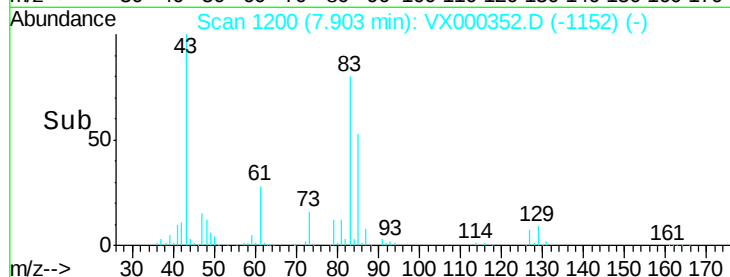
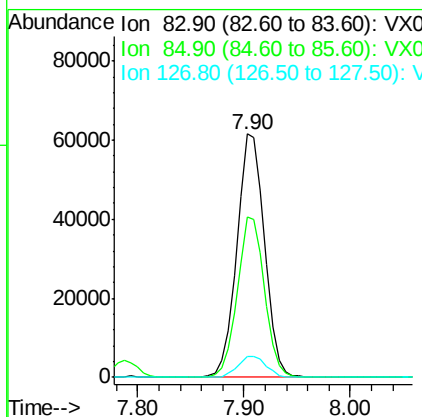
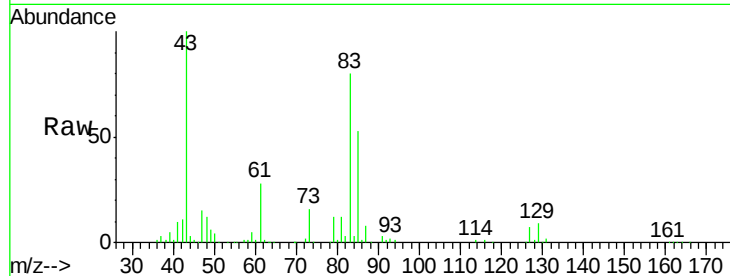
MSVOA_X

ClientSampleId :

VSTDCCC050EC

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#48

Methyl methacrylate

Concen: 49.54 ug/l

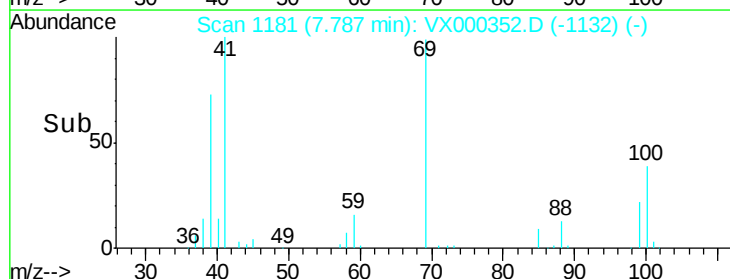
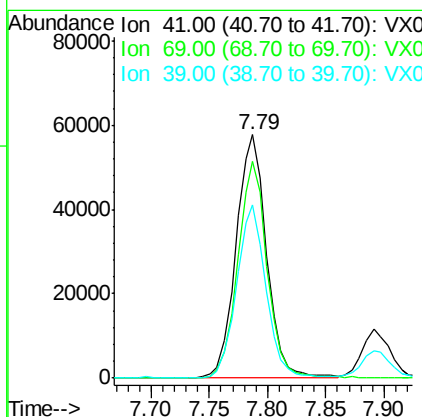
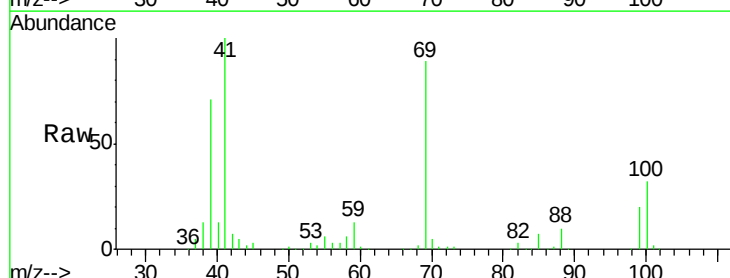
RT: 7.79 min Scan# 1181

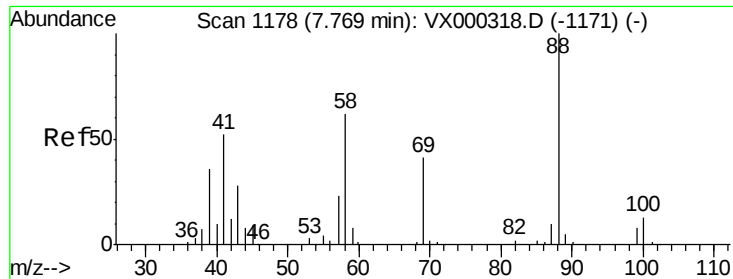
Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Tgt Ion:	41	Resp:	105118
Ion	Ratio	Lower	Upper
41	100		
69	86.5	68.2	102.4
39	67.9	54.6	81.8





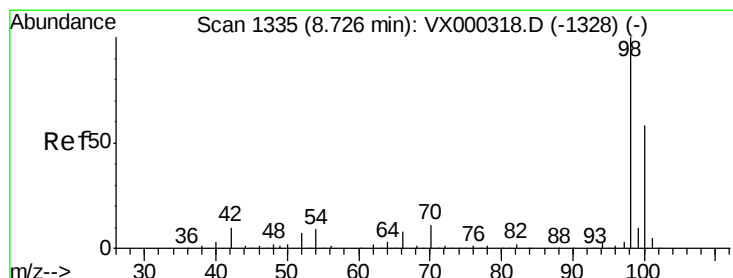
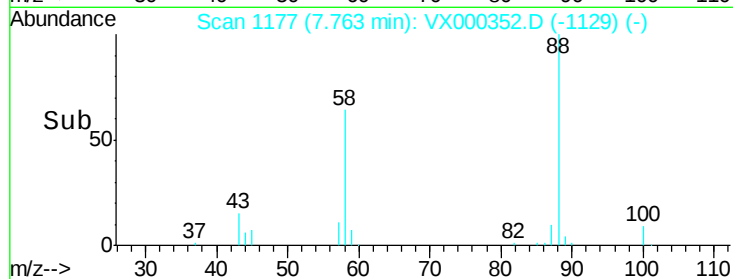
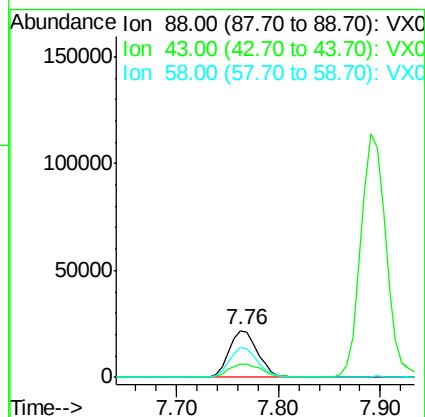
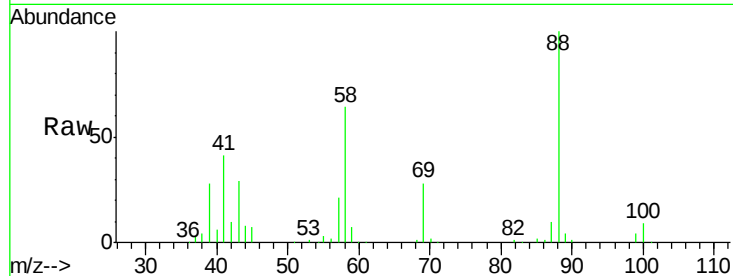
#49
1,4-Dioxane
Concen: 885.02 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 42250
Ion Ratio Lower Upper
88 100
43 33.8 26.8 40.2
58 63.2 52.2 78.2

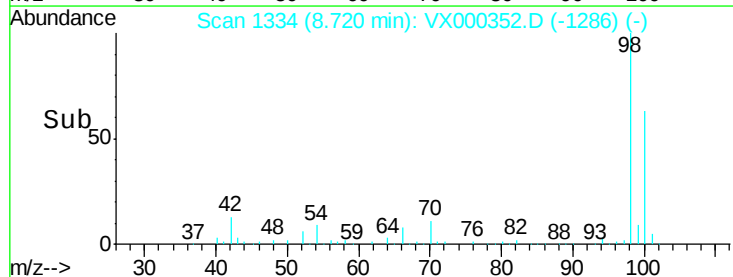
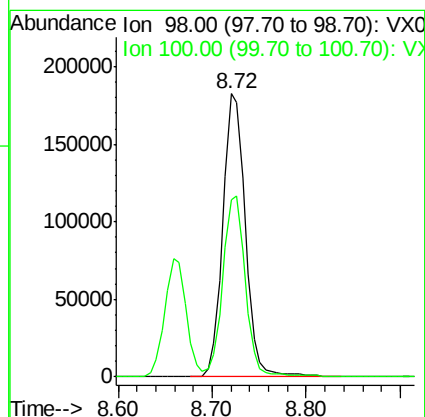
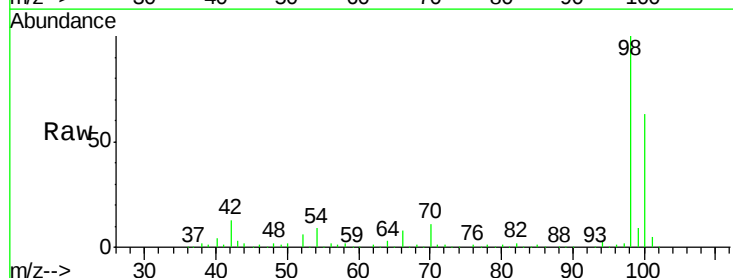
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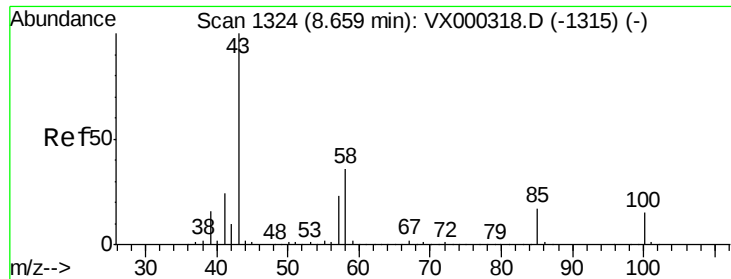
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#50
Toluene-d8
Concen: 47.80 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Tgt Ion: 98 Resp: 302928
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 249.12 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 811861

Ion Ratio Lower Upper

43 100

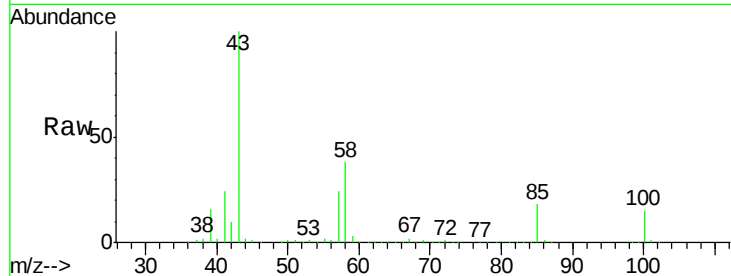
58 38.2 30.3 45.5

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

200000

100000

0

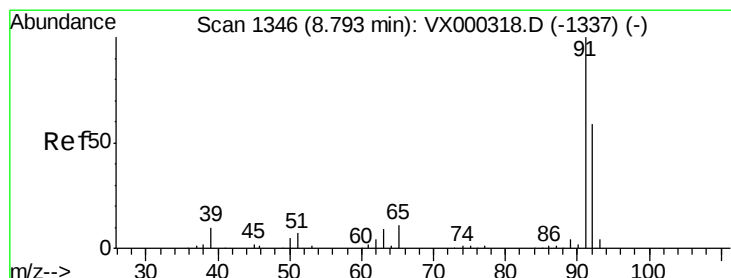
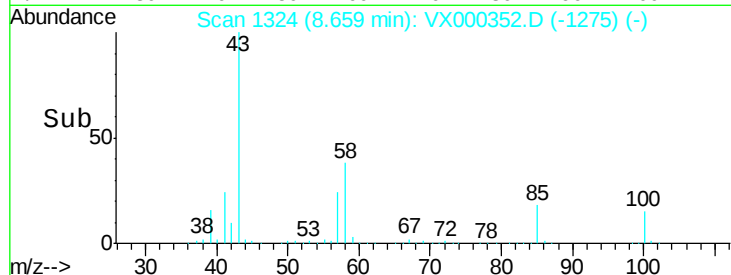
8.60

8.66

8.70

8.80

Time-->



#52

Toluene

Concen: 48.81 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000352.D

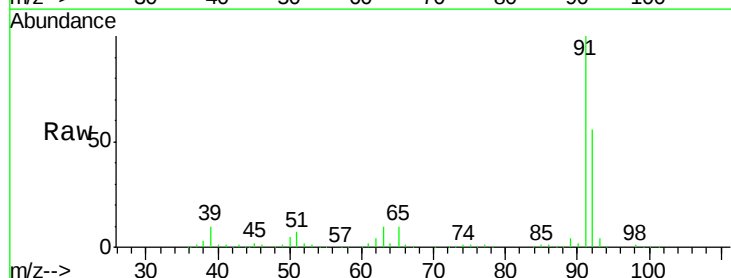
Acq: 16 Mar 2018 17:53

Tgt Ion: 92 Resp: 212799

Ion Ratio Lower Upper

92 100

91 175.9 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

100000

50000

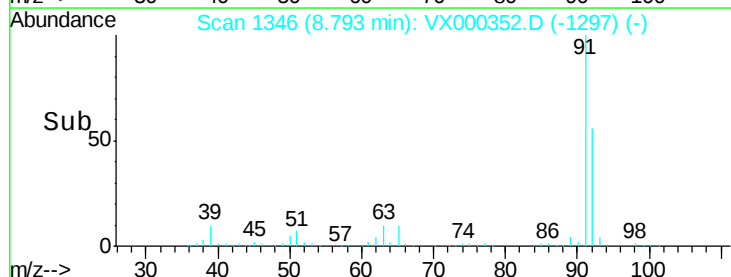
0

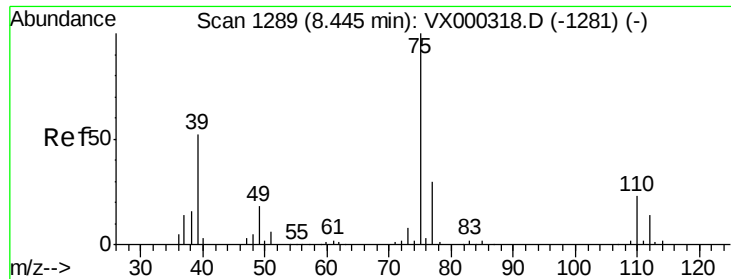
8.70

8.79

8.90

Time-->





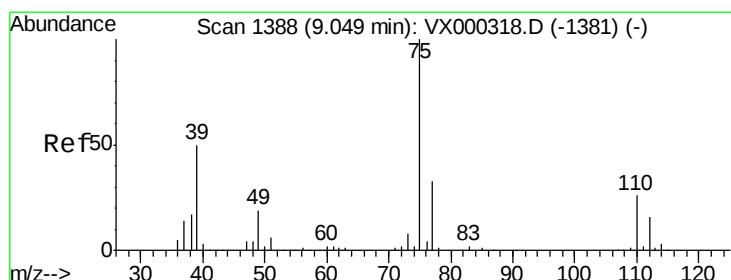
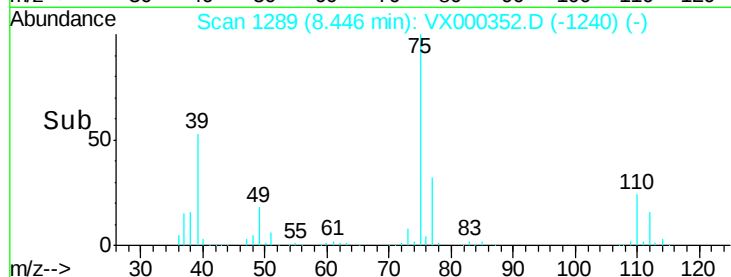
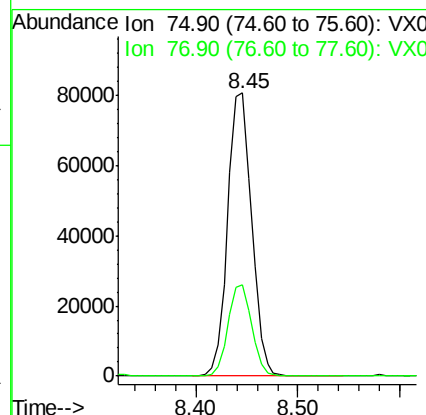
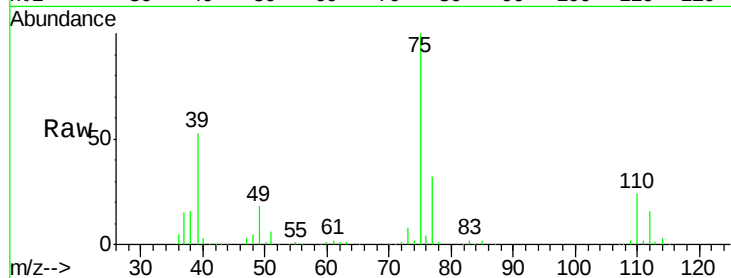
#53
t-1,3-Dichloropropene
Concen: 52.33 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 131830
Ion Ratio Lower Upper
75 100
77 32.1 24.0 36.0

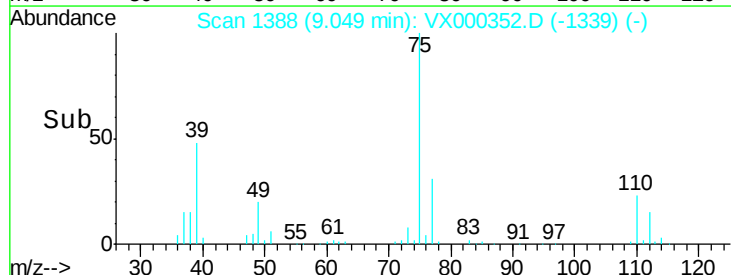
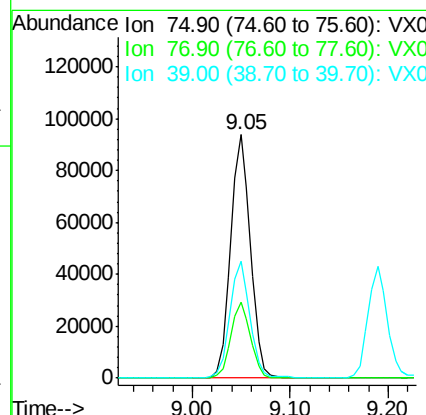
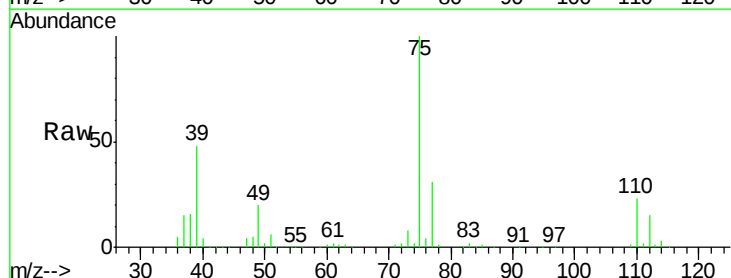
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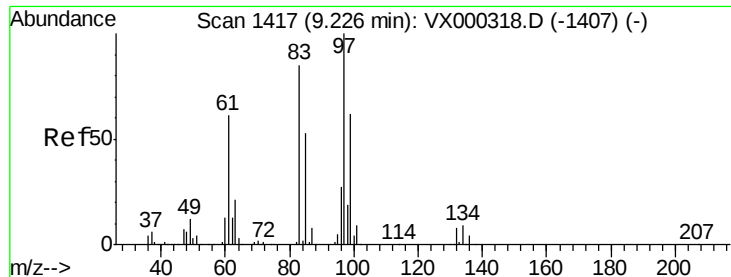
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#54
cis-1,3-Dichloropropene
Concen: 53.27 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Tgt Ion: 75 Resp: 131247
Ion Ratio Lower Upper
75 100
77 31.0 26.1 39.1
39 47.9 39.8 59.6





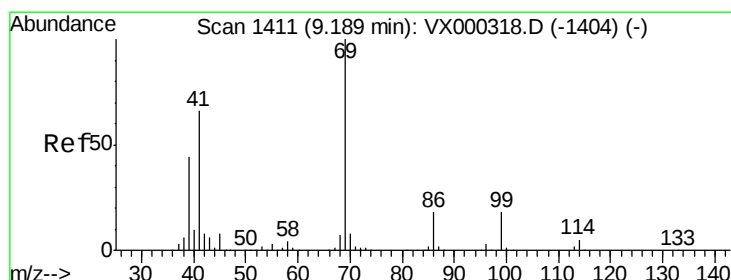
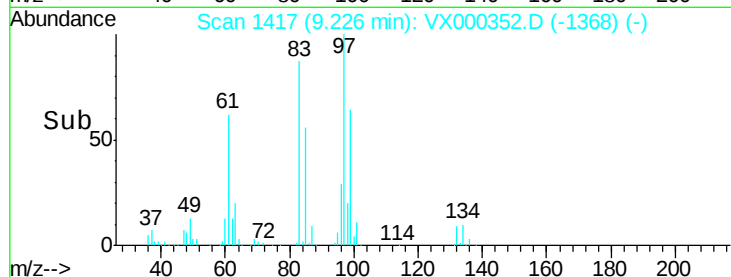
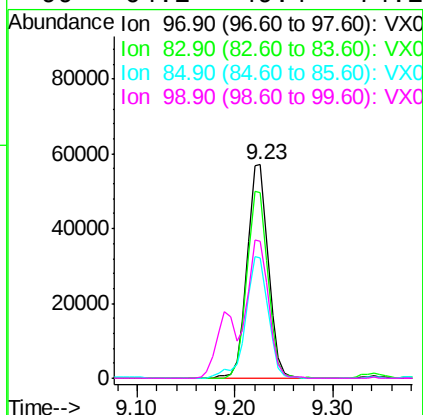
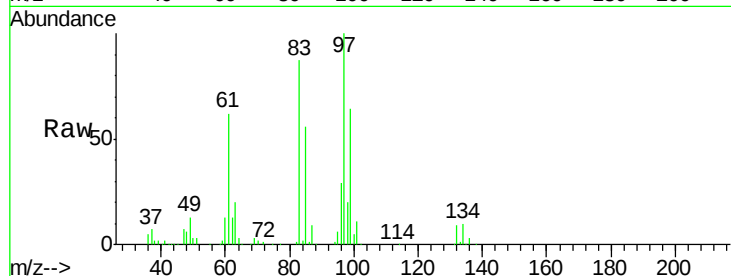
#55
 1,1,2-Trichloroethane
 Concen: 49.16 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000352.D
 Acq: 16 Mar 2018 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.9	101.9
85	56.1	42.8	64.2
99	64.2	49.4	74.2

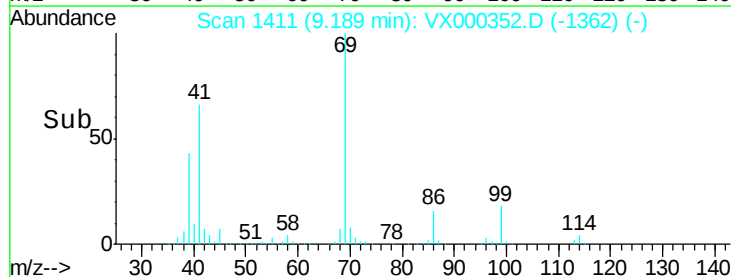
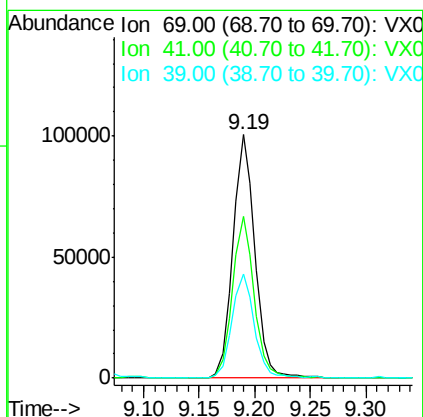
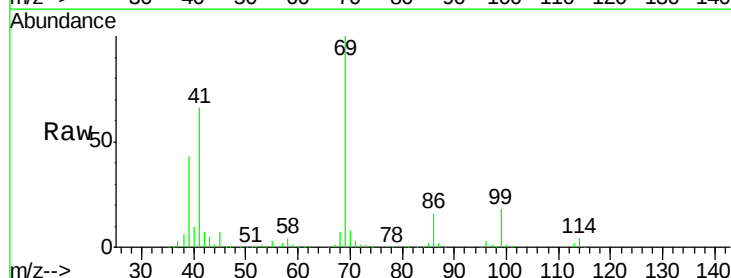
Manual Integrations
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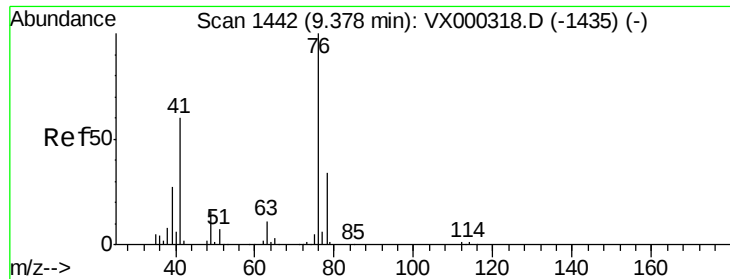
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#56
 Ethyl methacrylate
 Concen: 53.10 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000352.D
 Acq: 16 Mar 2018 17:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.1	53.0	79.6
39	43.6	35.3	52.9





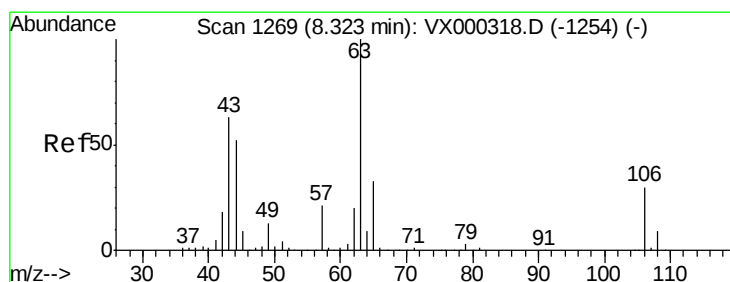
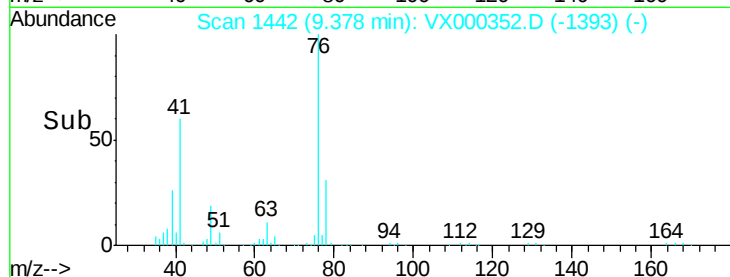
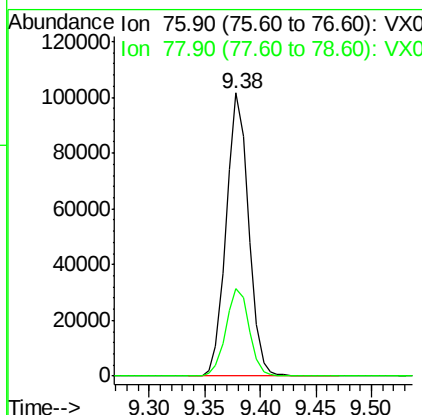
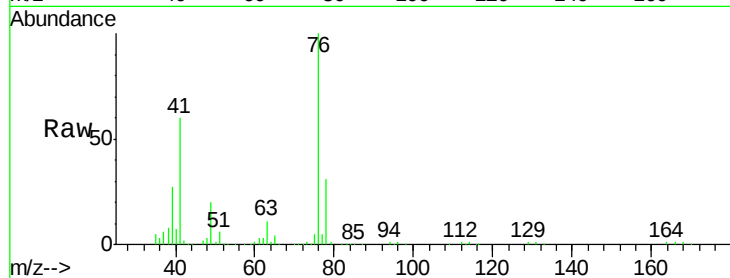
#57
 1,3-Dichloropropane
 Concen: 49.78 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000352.D
 Acq: 16 Mar 2018 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 141071
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.4 39.6

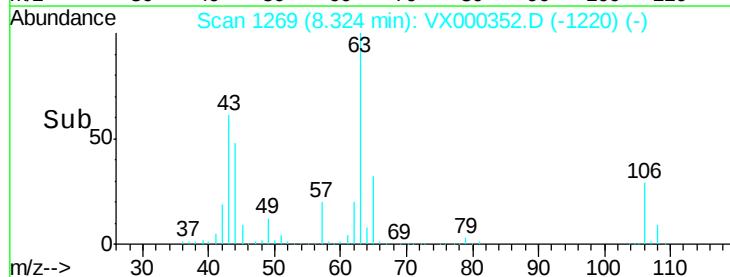
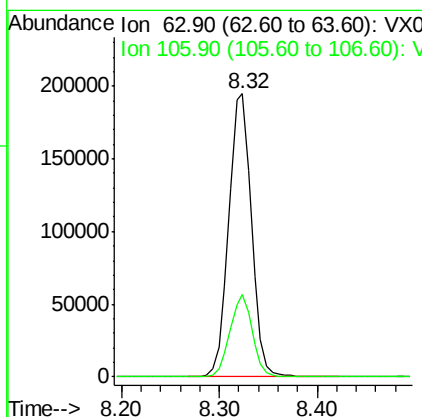
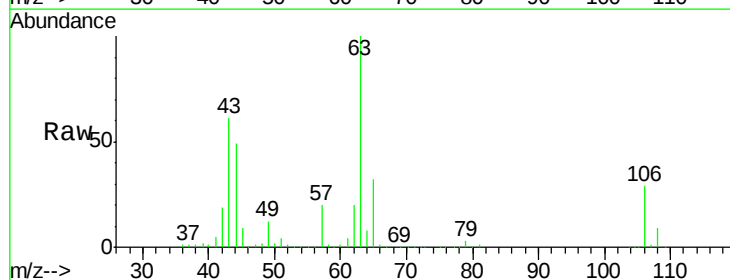
Manual Integrations
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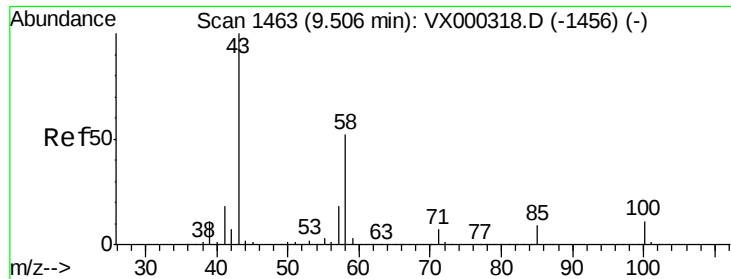
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#58
 2-Chloroethyl Vinyl ether
 Concen: 284.86 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000352.D
 Acq: 16 Mar 2018 17:53

Tgt Ion: 63 Resp: 313501
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.2 34.8





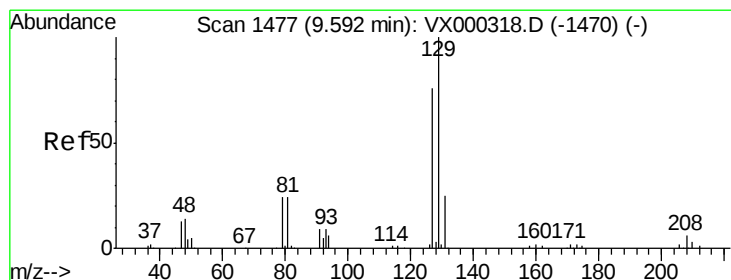
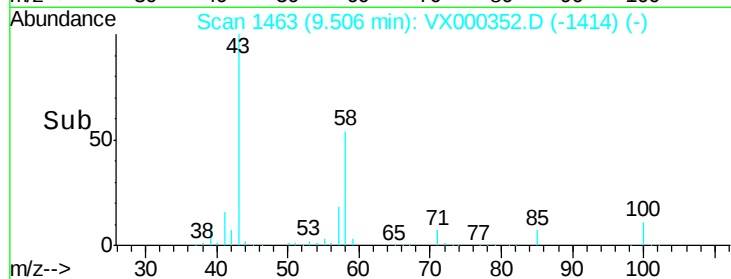
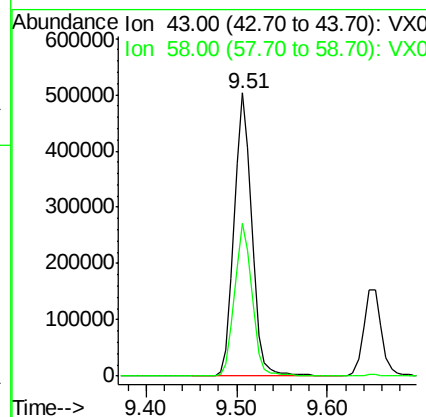
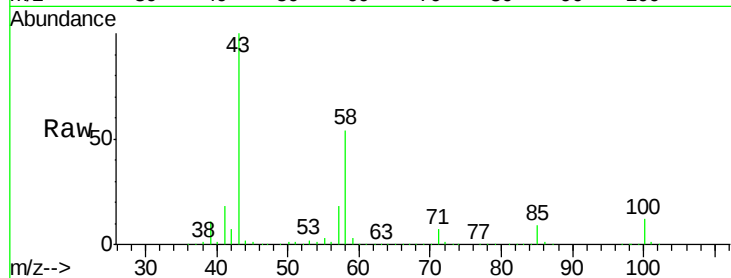
#59
2-Hexanone
Concen: 249.18 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 684180
Ion Ratio Lower Upper
43 100
58 53.3 26.6 79.7

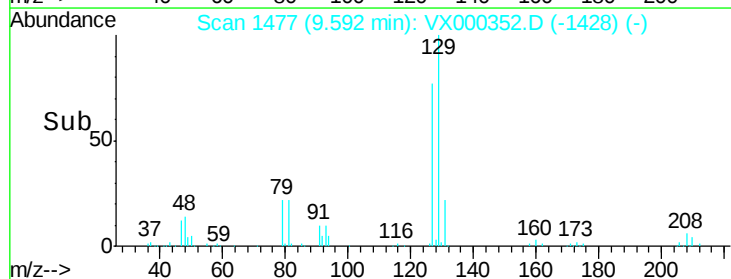
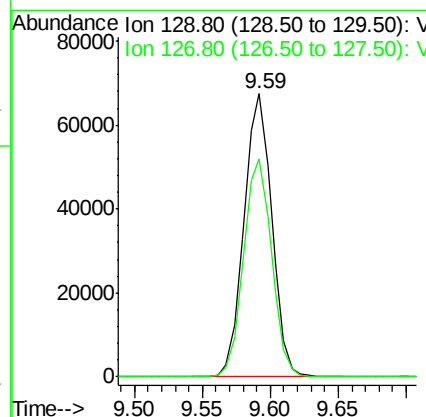
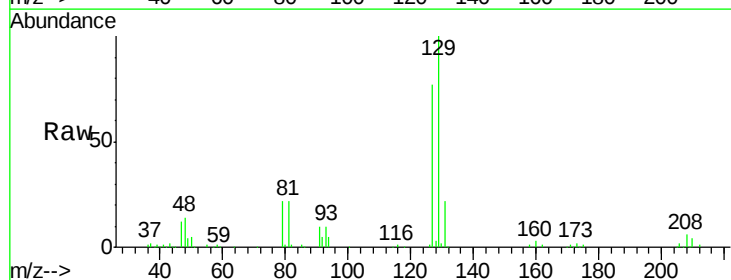
Manual Integrations
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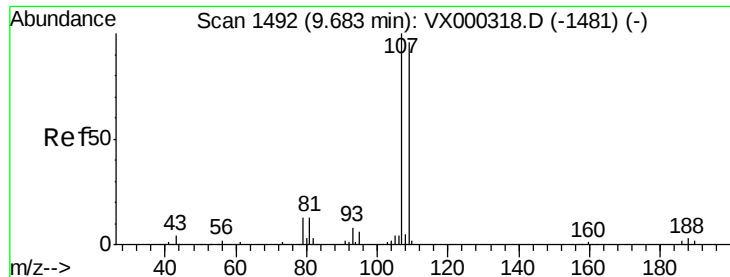
apatel
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#60
Dibromochloromethane
Concen: 52.11 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Tgt Ion: 129 Resp: 96401
Ion Ratio Lower Upper
129 100
127 77.7 37.9 113.6





#61

1,2-Dibromoethane

Concen: 50.25 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 97438

Ion Ratio Lower Upper

107 100

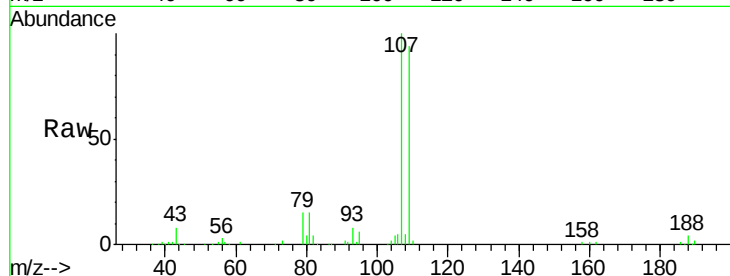
109 94.4 76.1 114.1

Manual Integrations

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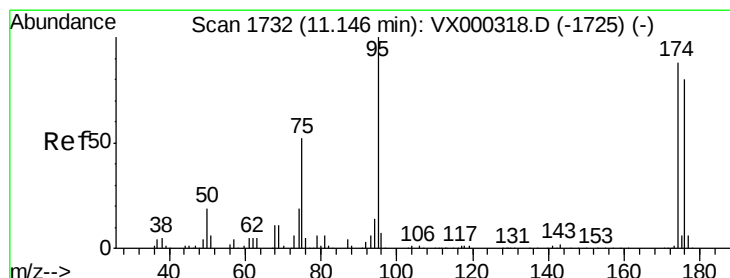
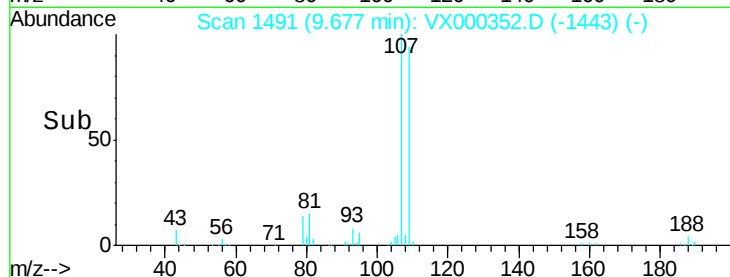
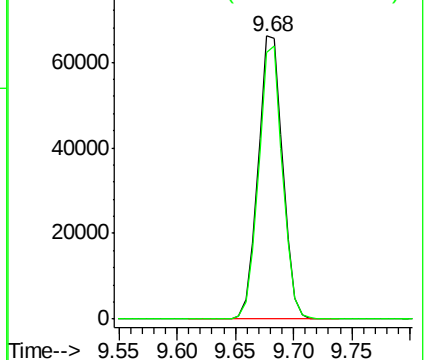
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.82 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

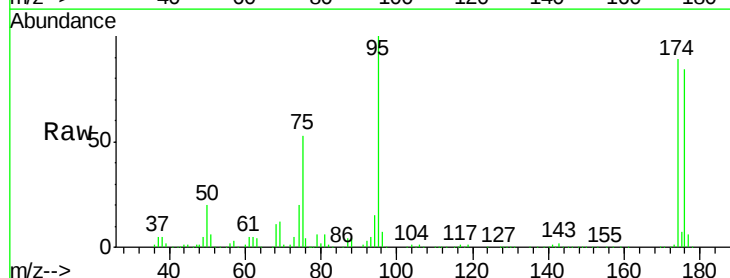
Tgt Ion: 95 Resp: 121527

Ion Ratio Lower Upper

95 100

174 87.2 0.0 173.6

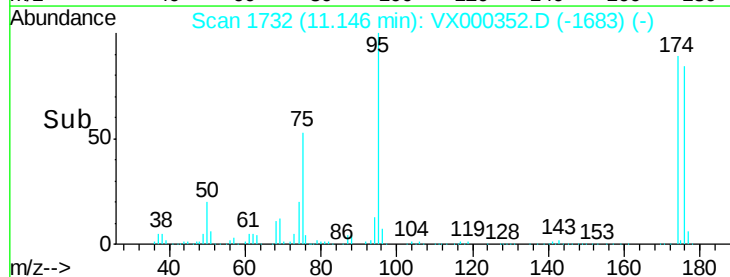
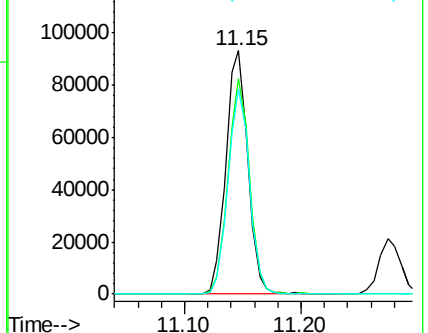
176 83.3 0.0 164.6

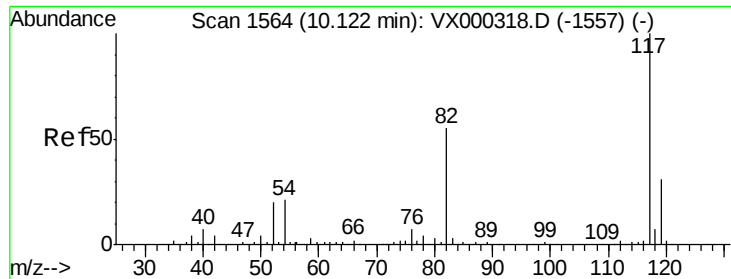


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





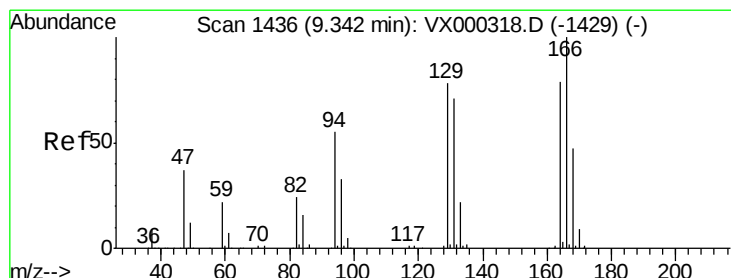
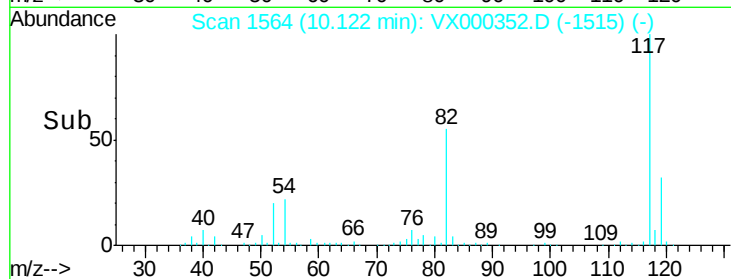
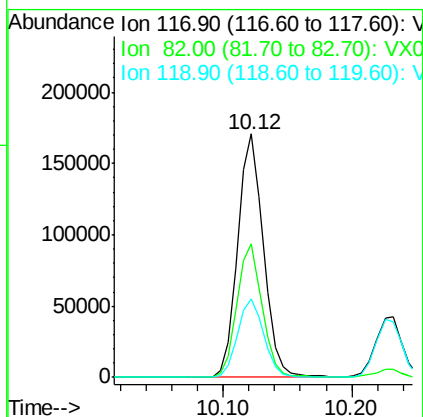
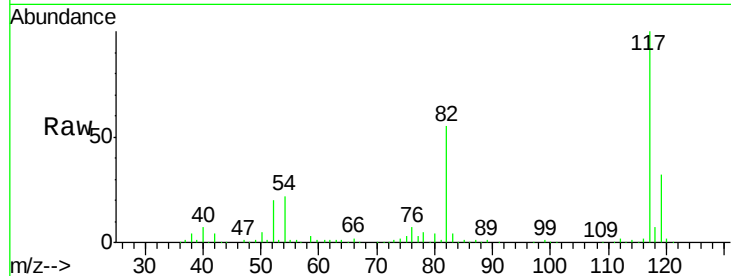
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.8	65.8
119	32.4	24.9	37.3

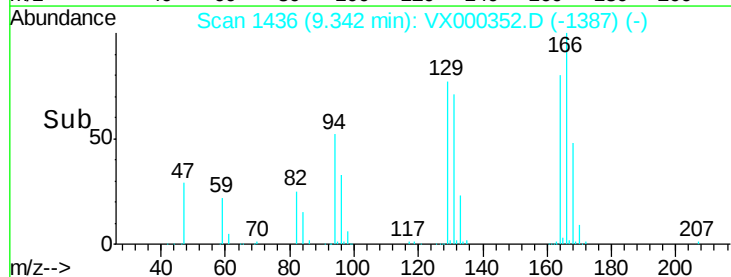
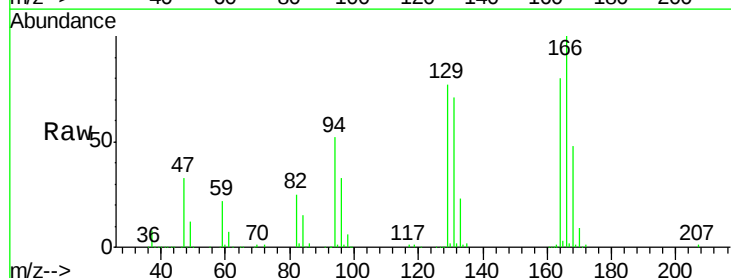
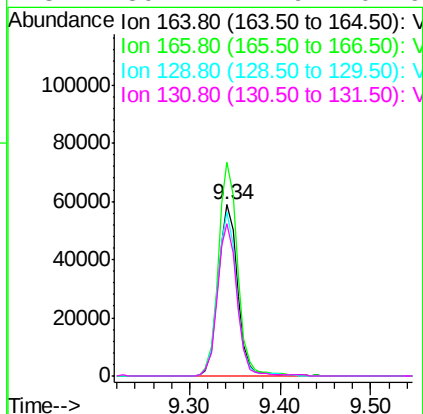
Manual Integrations
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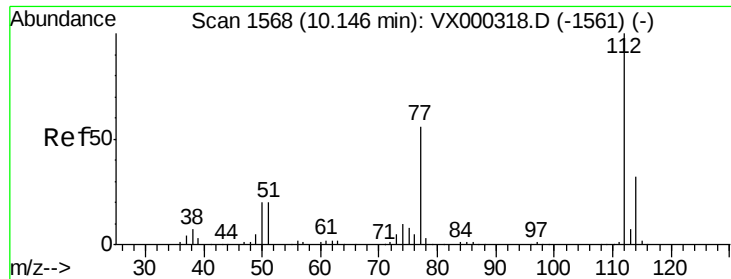
apatel
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#64
Tetrachloroethene
Concen: 58.61 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	101.0	151.6
129	96.0	79.0	118.4
131	89.1	71.9	107.9





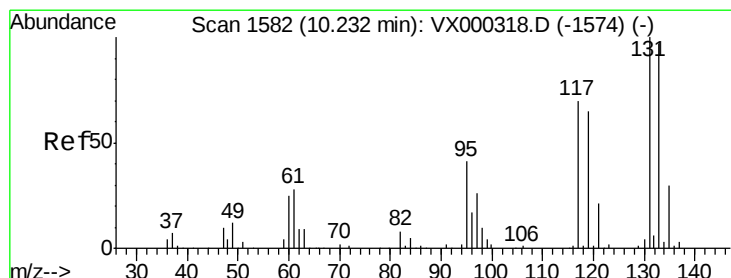
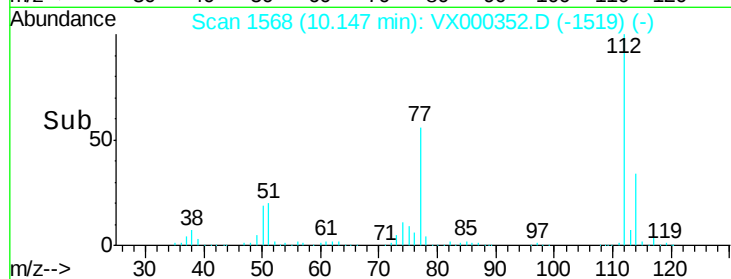
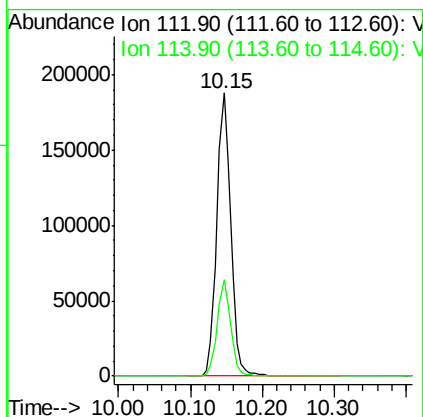
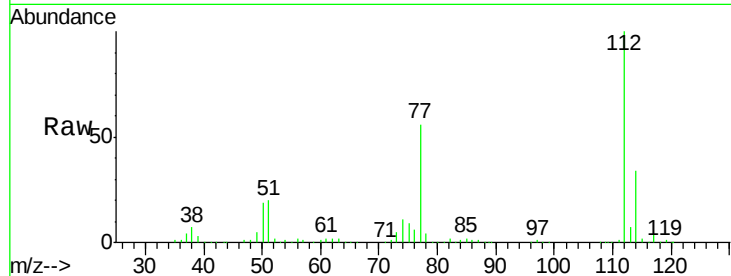
#65
Chlorobenzene
Concen: 52.30 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 251937
Ion Ratio Lower Upper
112 100
114 34.1 25.7 38.5

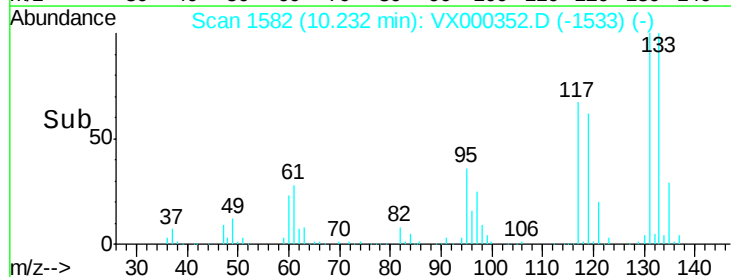
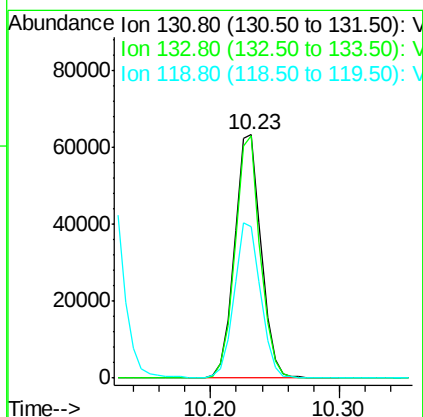
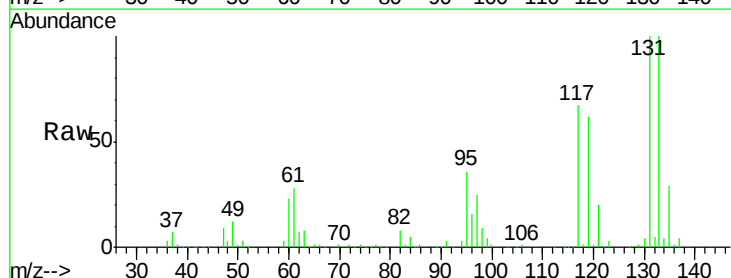
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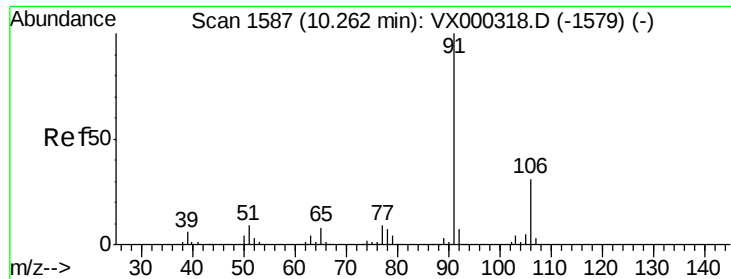
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.63 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Tgt Ion:131 Resp: 90133
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.3
119 63.7 33.1 99.2





#67

Ethyl Benzene

Concen: 53.23 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 437160

Ion Ratio Lower Upper

91 100

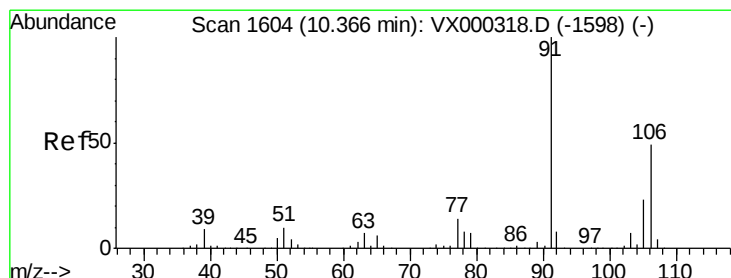
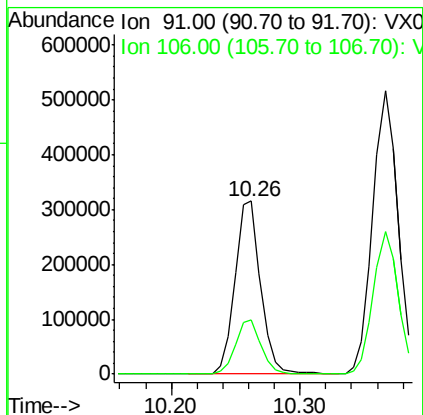
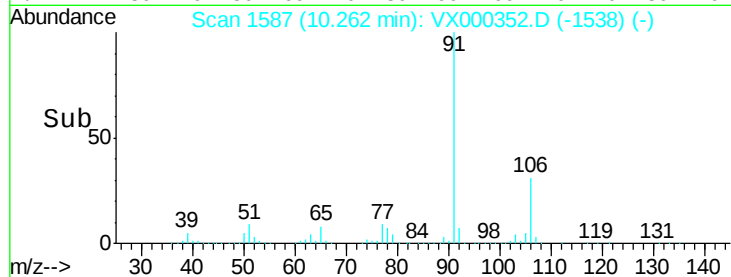
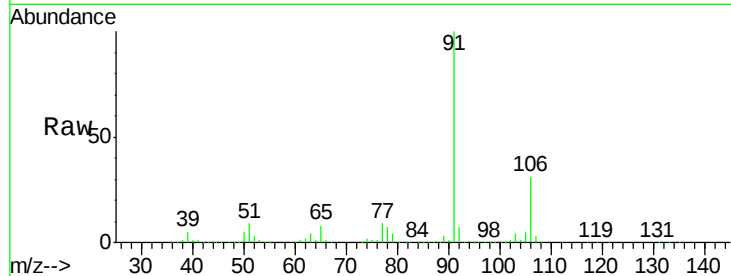
106 31.1 25.0 37.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 109.67 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000352.D

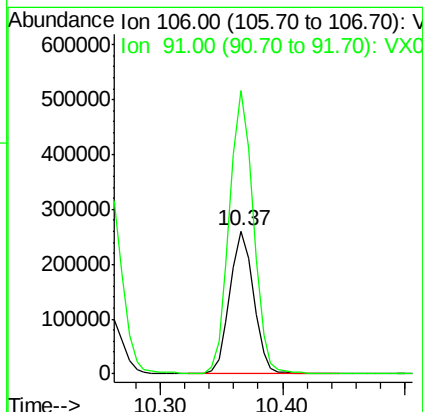
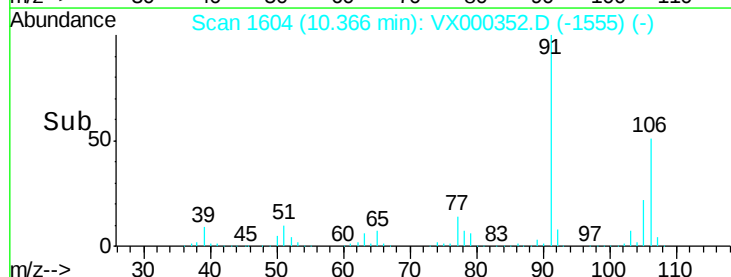
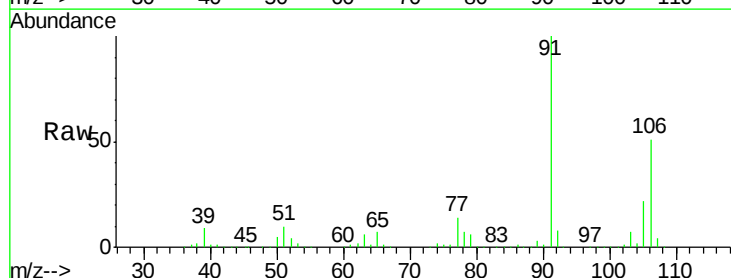
Acq: 16 Mar 2018 17:53

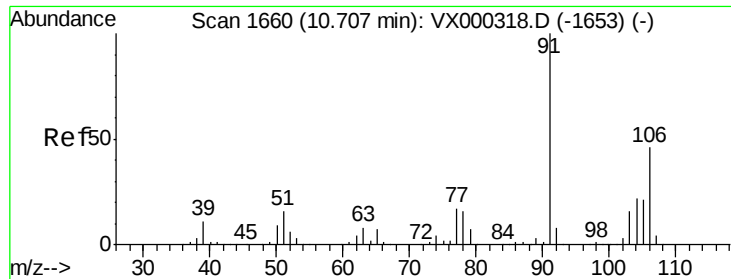
Tgt Ion: 106 Resp: 350895

Ion Ratio Lower Upper

106 100

91 200.7 163.4 245.2





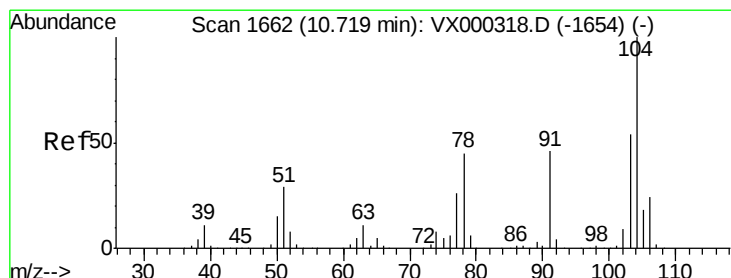
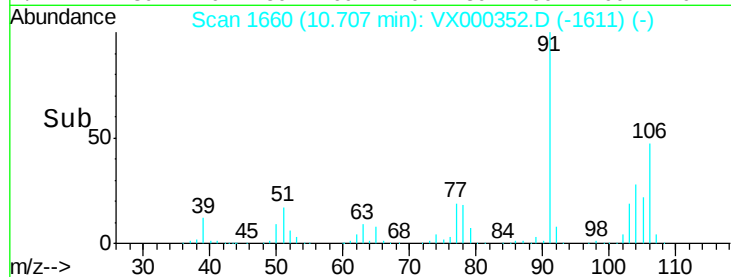
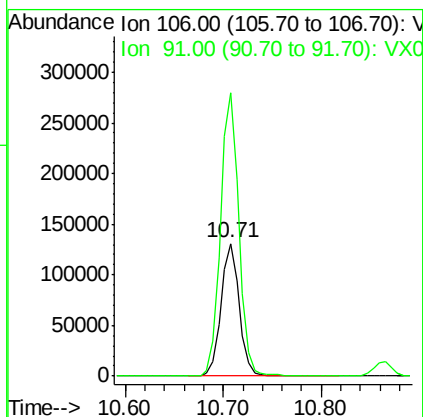
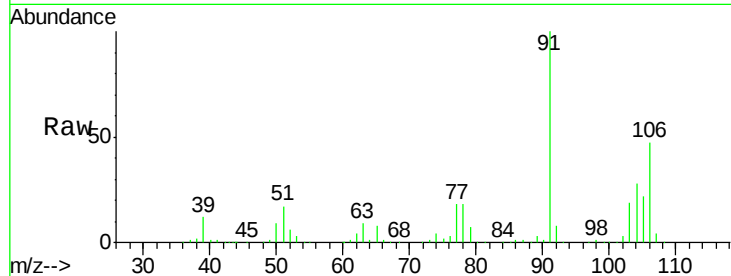
#69
o-Xylene
Concen: 54.30 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 168770
Ion Ratio Lower Upper
106 100
91 214.3 106.5 319.6

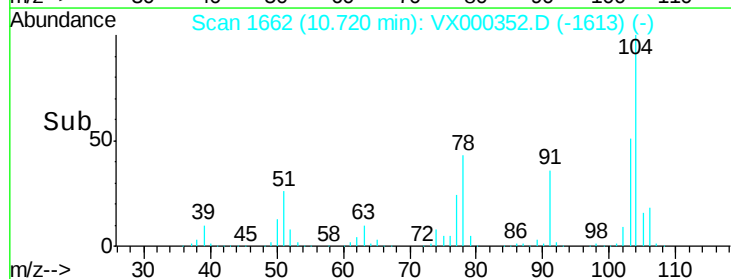
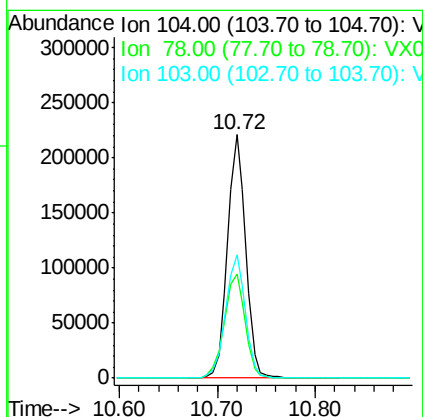
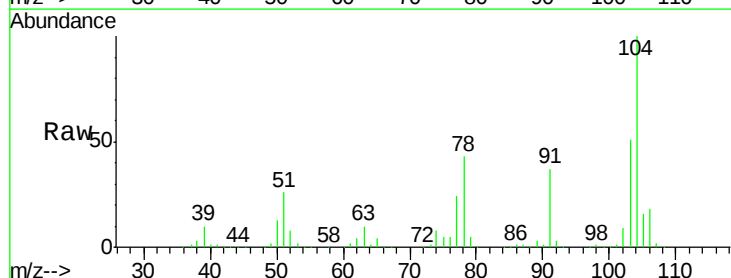
Manual Integrations
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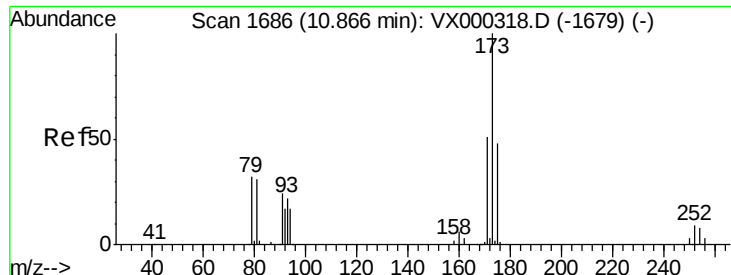
apatel
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#70
Styrene
Concen: 55.41 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Tgt Ion:104 Resp: 285816
Ion Ratio Lower Upper
104 100
78 49.1 40.5 60.7
103 55.3 45.7 68.5





#71

Bromoform

Concen: 47.40 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 77461

Ion Ratio Lower Upper

173 100

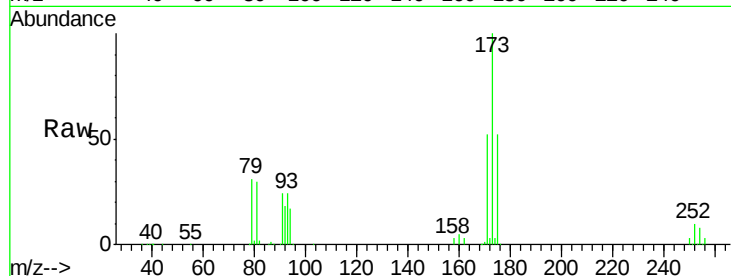
175 49.4 25.4 76.4

254 0.1 0.0 0.0#

Manual Integrations
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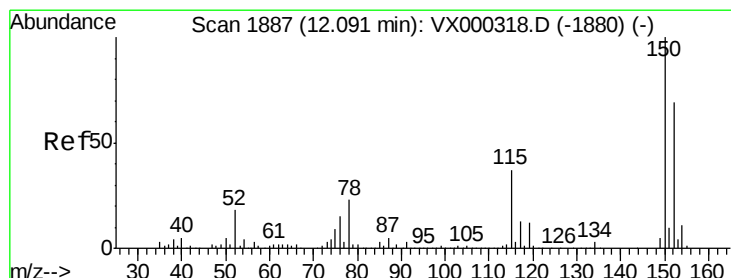
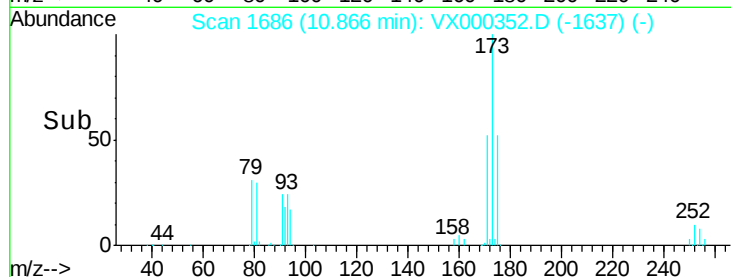
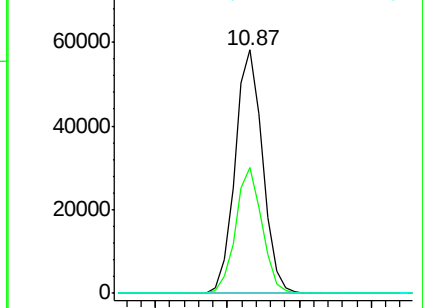
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

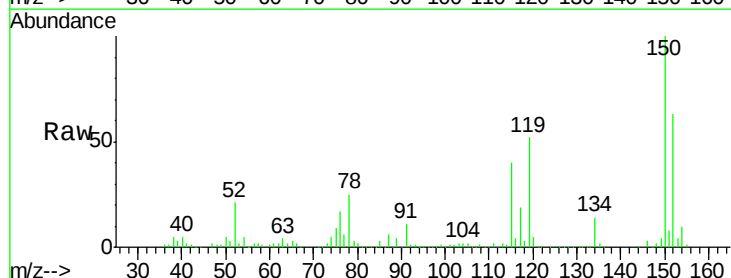
Tgt Ion:152 Resp: 150039

Ion Ratio Lower Upper

152 100

115 81.8 39.8 119.3

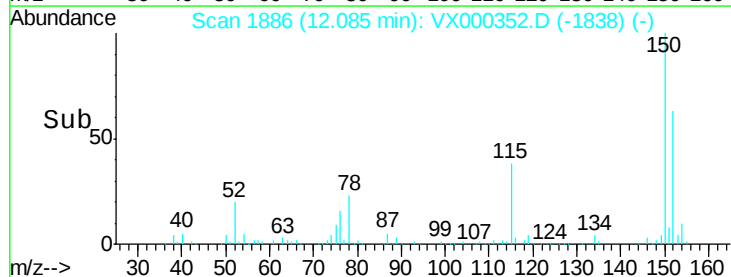
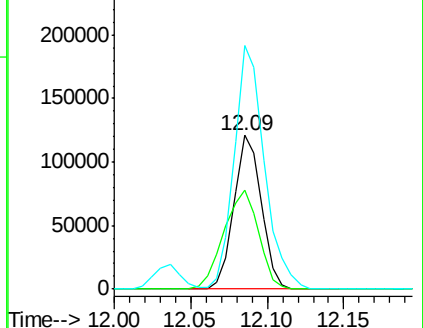
150 175.1 0.0 344.4

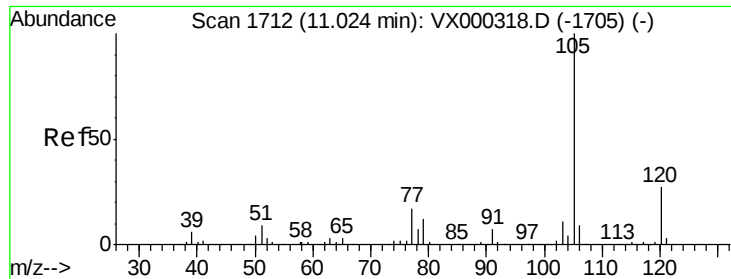


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.31 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 463719

Ion Ratio Lower Upper

105 100

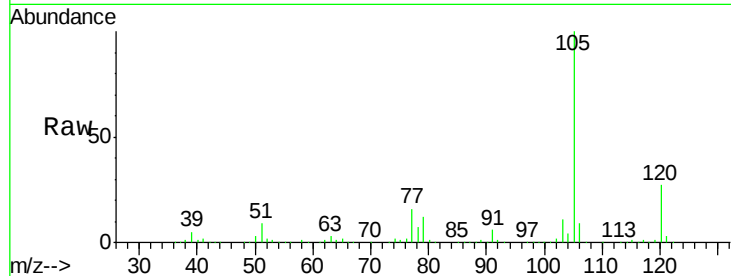
120 27.2 13.6 40.7

Manual Integrations

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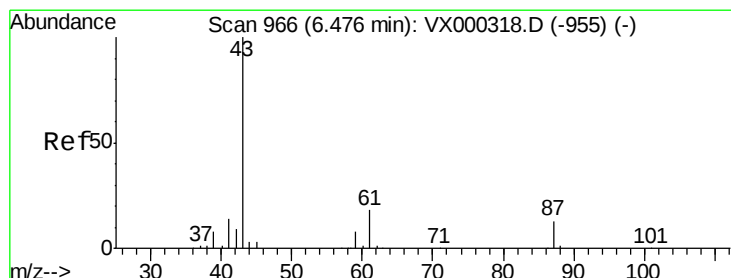
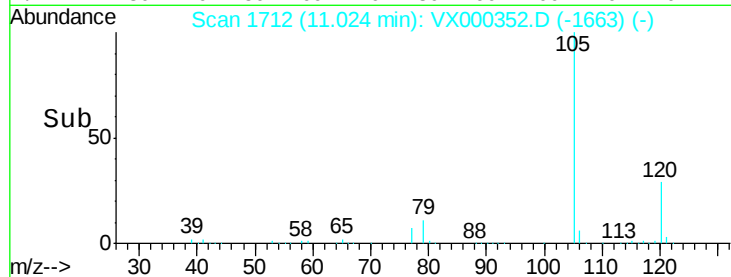
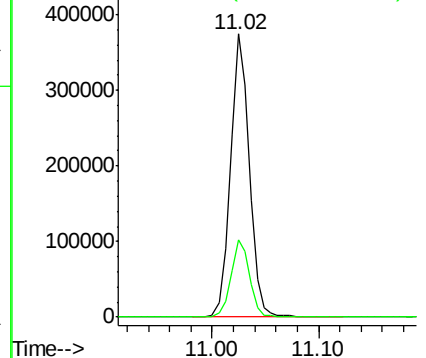
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.54 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Tgt Ion: 43 Resp: 214322

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

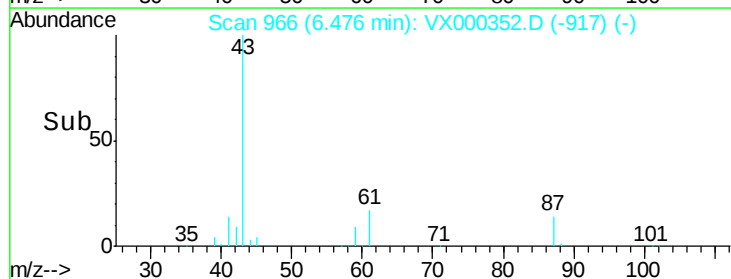
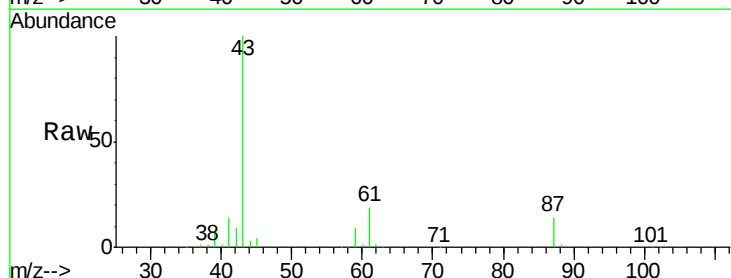
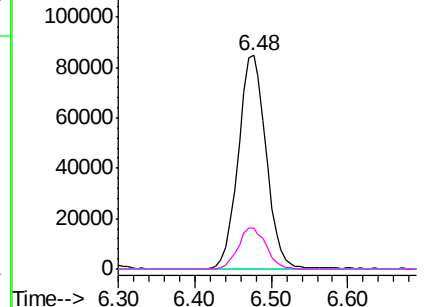
61 19.4 14.4 21.6

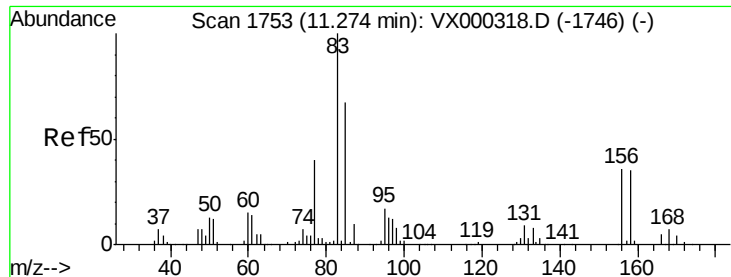
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.19 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 161470
Ion Ratio Lower Upper

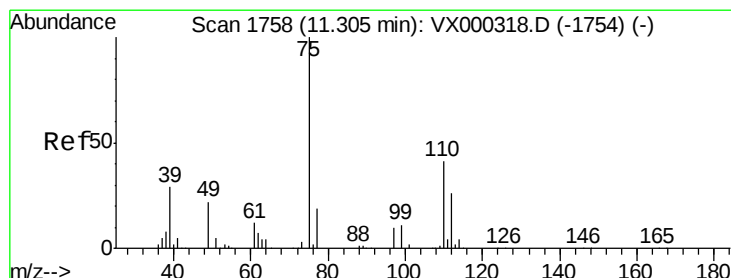
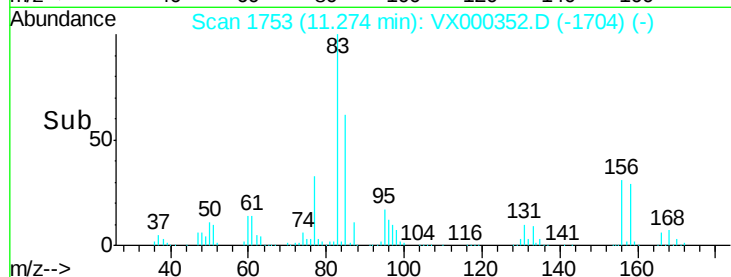
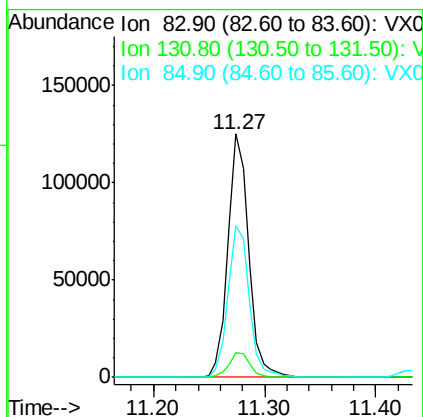
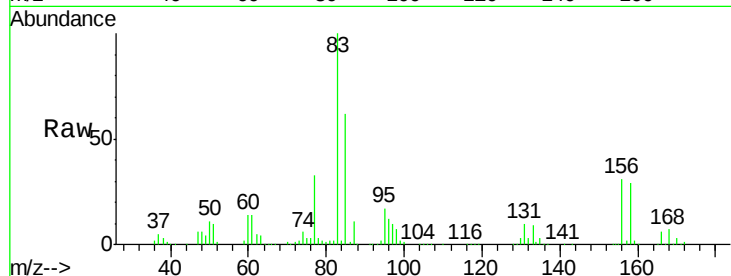
83 100

131 10.6 5.0 14.9

85 64.2 32.5 97.5

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#76

1,2,3-Trichloropropane

Concen: 52.99 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

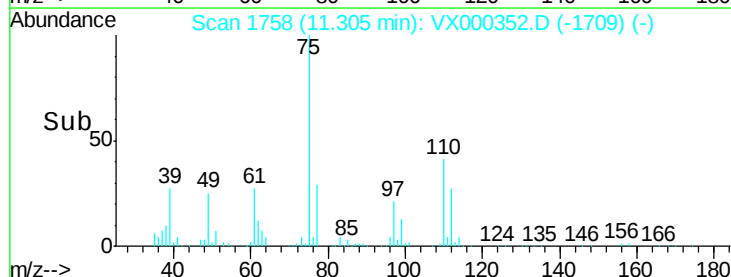
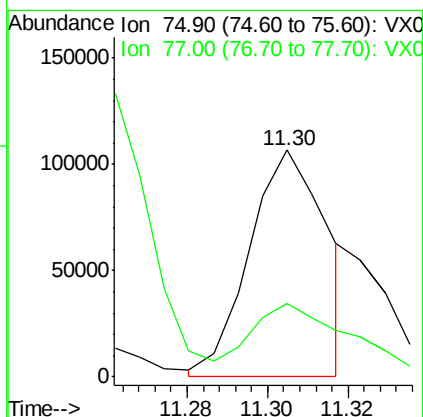
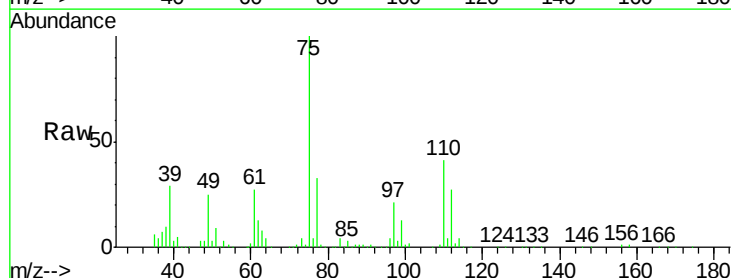
Lab File: VX000352.D

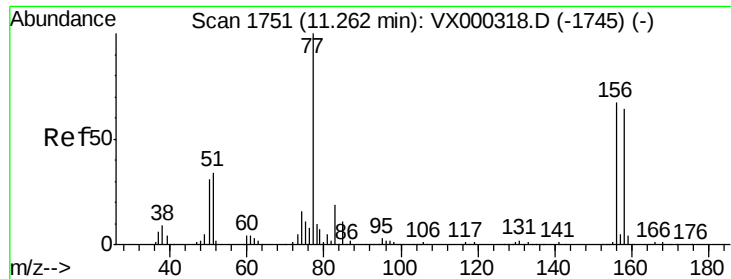
Acq: 16 Mar 2018 17:53

Tgt Ion: 75 Resp: 143292
Ion Ratio Lower Upper

75 100

77 42.0 21.4 64.2





#77

Bromobenzene

Concen: 49.48 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

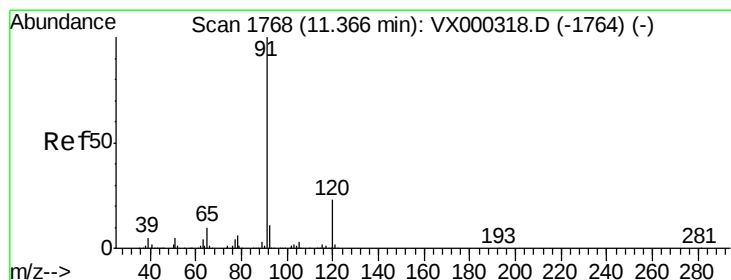
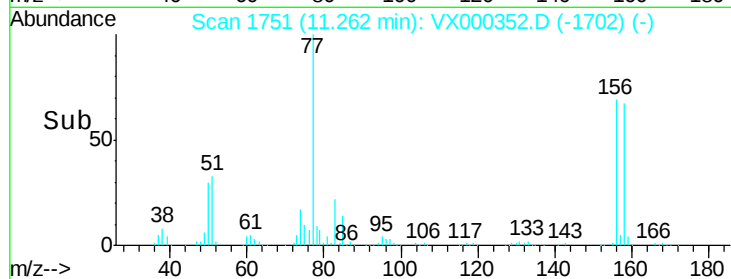
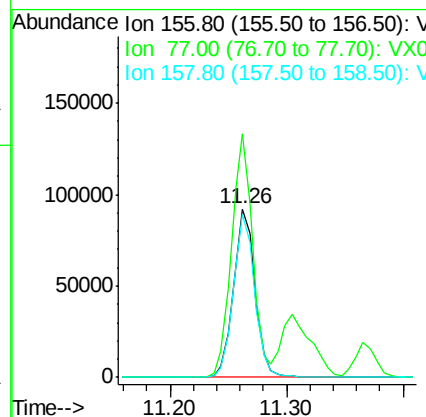
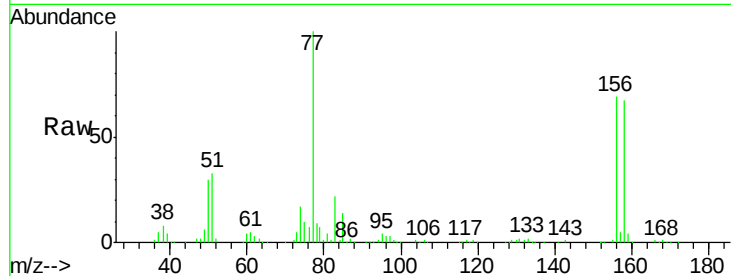
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	117361		
77	143.1	73.4	220.2	
158	96.5	48.5	145.6	

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#78

n-propylbenzene

Concen: 50.00 ug/l

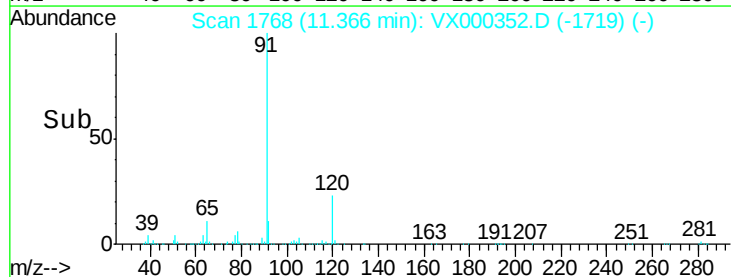
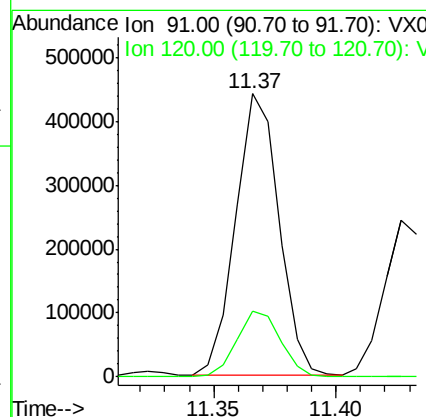
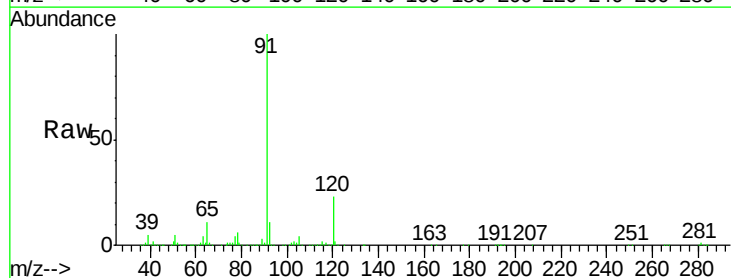
RT: 11.37 min Scan# 1768

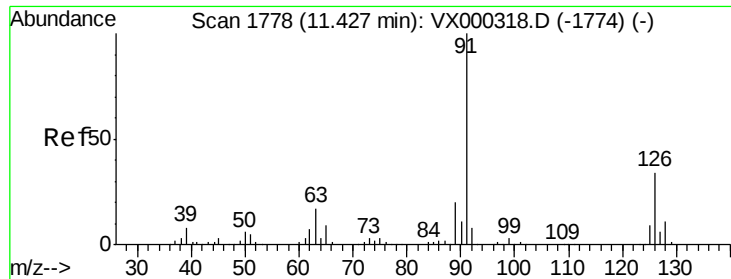
Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	544814		
120	23.9	11.8	35.3	





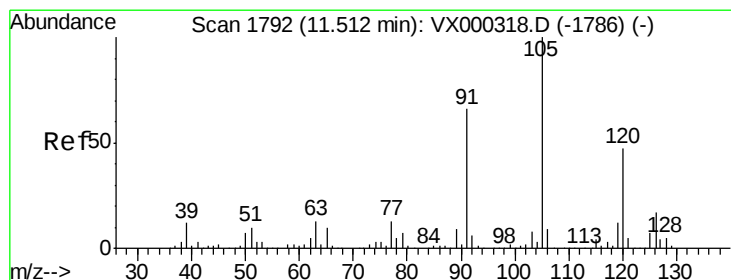
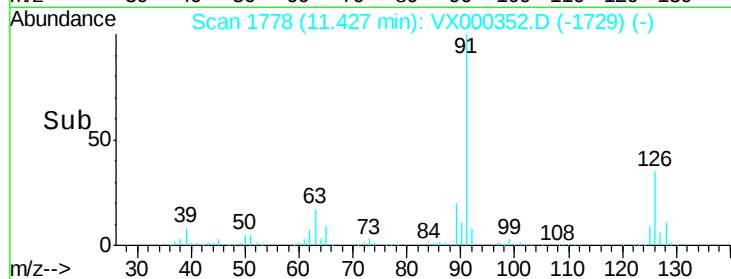
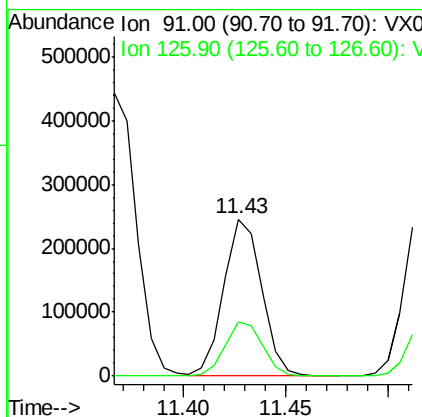
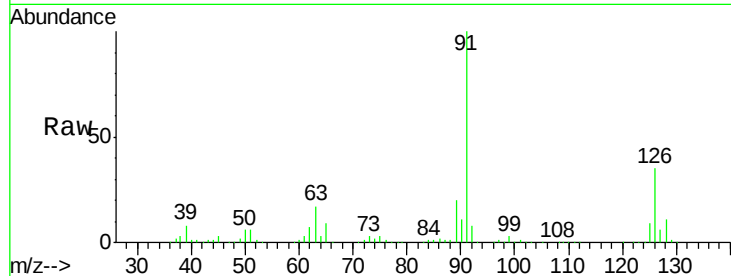
#79
 2-Chlorotoluene
 Concen: 50.66 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000352.D
 Acq: 16 Mar 2018 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 313228
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.7 53.1

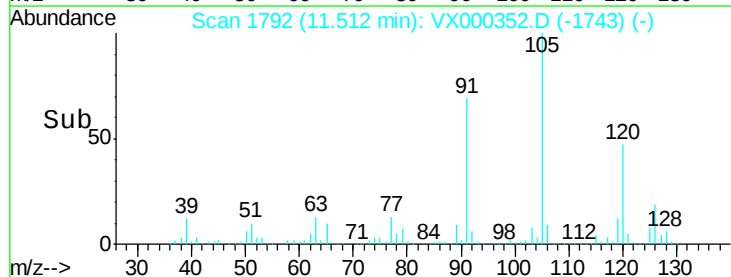
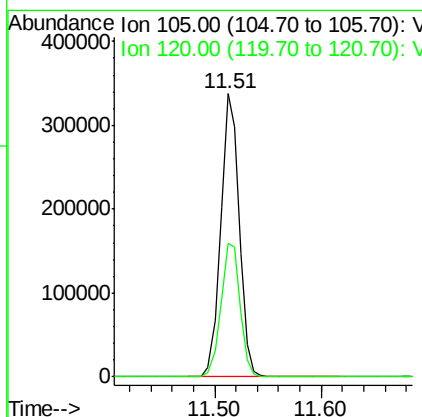
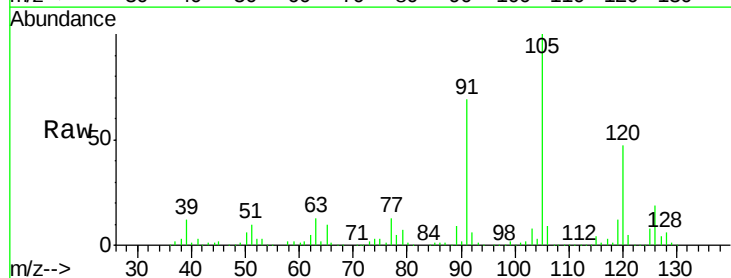
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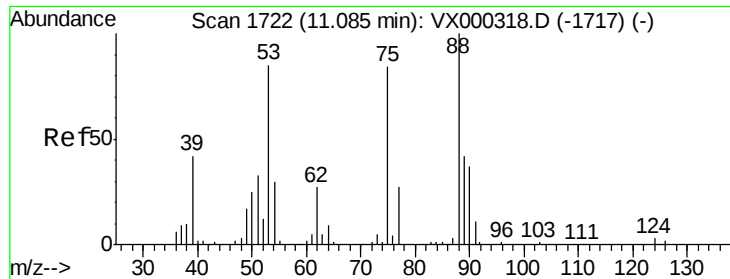
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#80
 1,3,5-Trimethylbenzene
 Concen: 53.06 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000352.D
 Acq: 16 Mar 2018 17:53

Tgt Ion: 105 Resp: 408465
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 45.97 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

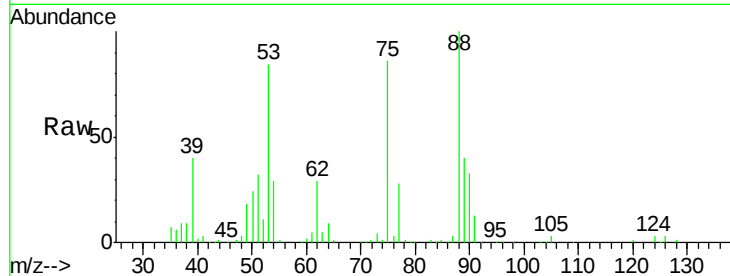
ClientSampleId :

VSTDCCC050EC

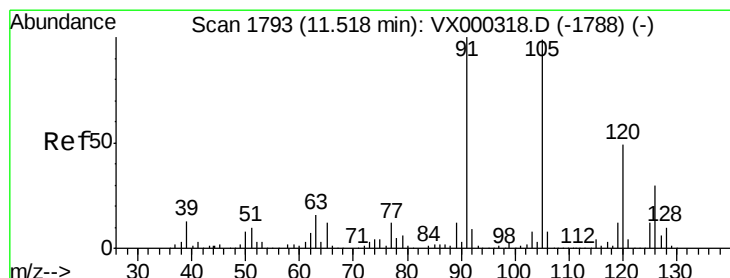
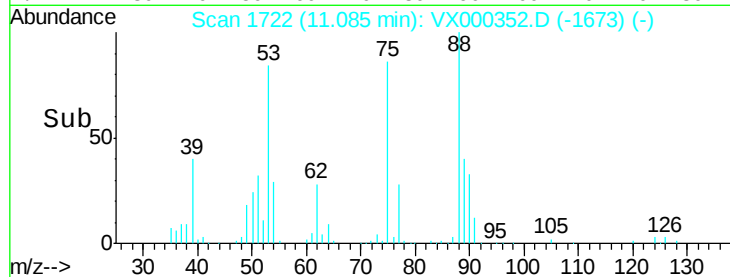
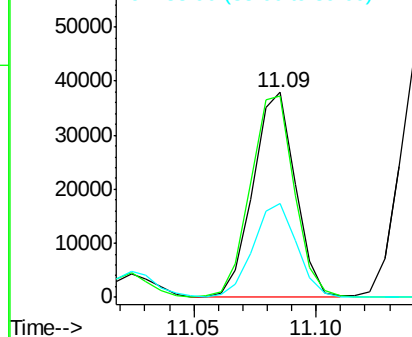
Tgt Ion:	75	Resp:	45500
Ion Ratio	Lower	Upper	
75	100		
53	103.3	80.7	121.1
89	47.8	39.4	59.0

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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.32 ug/l

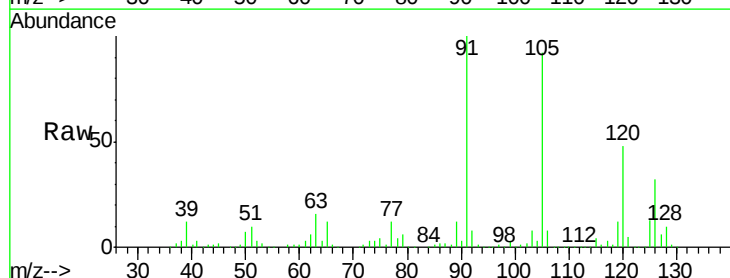
RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

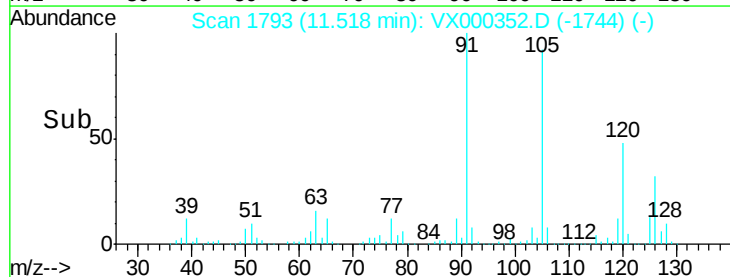
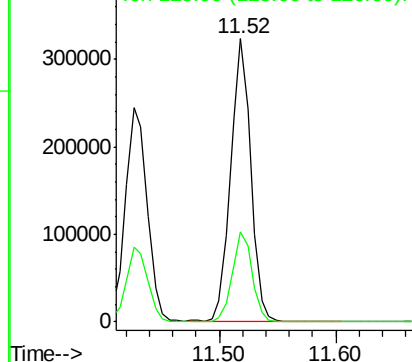
Lab File: VX000352.D

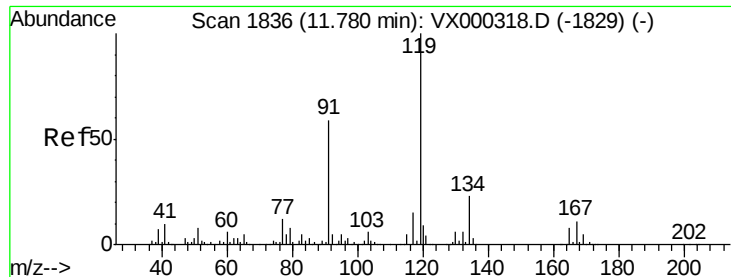
Acq: 16 Mar 2018 17:53

Tgt Ion:	91	Resp:	390057
Ion Ratio	Lower	Upper	
91	100		
126	31.5	15.4	46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





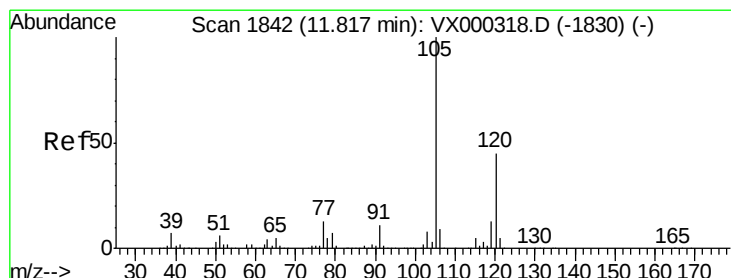
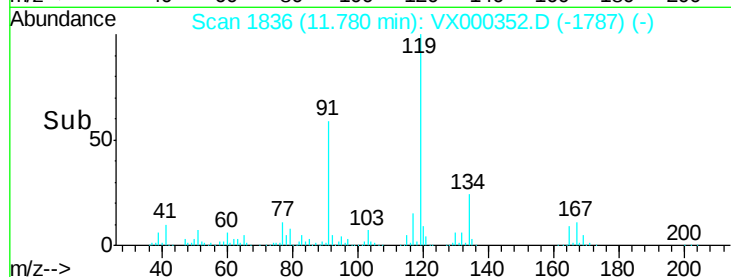
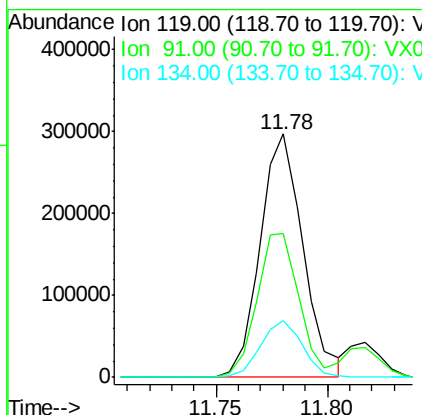
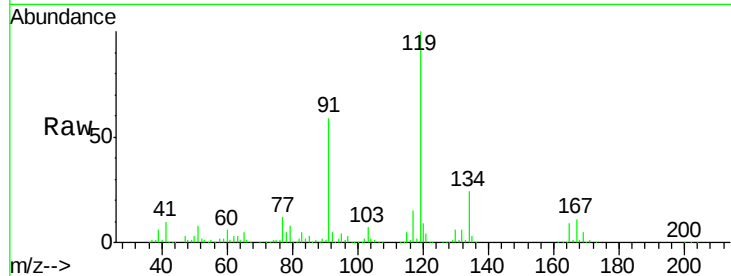
#83
 tert-Butylbenzene
 Concen: 52.86 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000352.D
 Acq: 16 Mar 2018 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	396963		
91	58.0	28.8	86.4	
134	22.7	11.4	34.1	

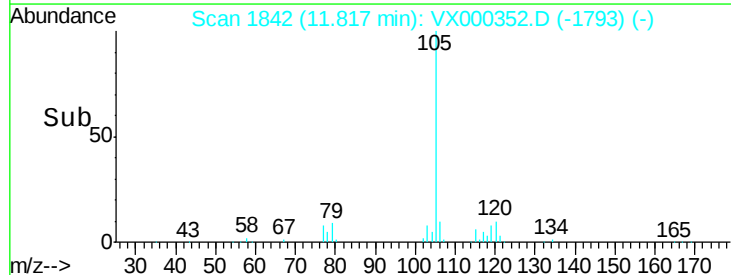
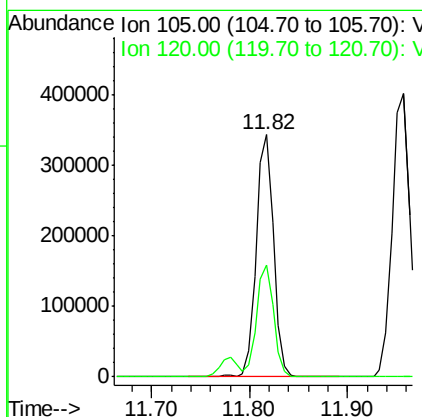
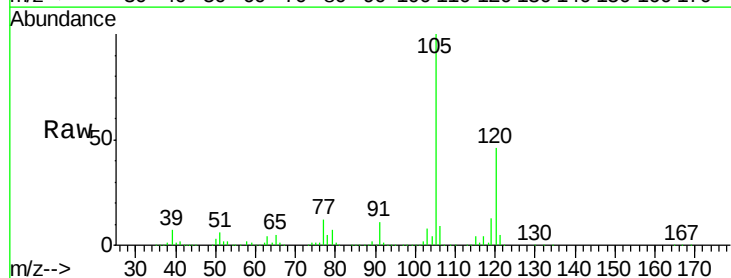
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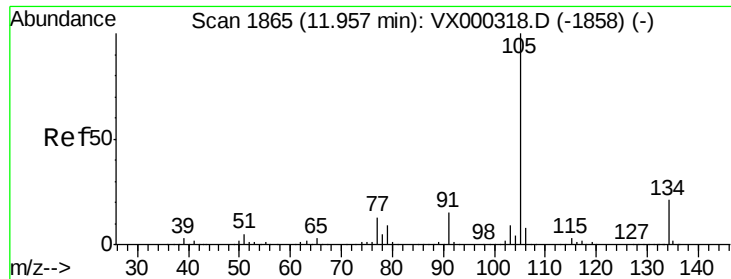
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.32 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000352.D
 Acq: 16 Mar 2018 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	422024		
120	45.6	22.4	67.3	





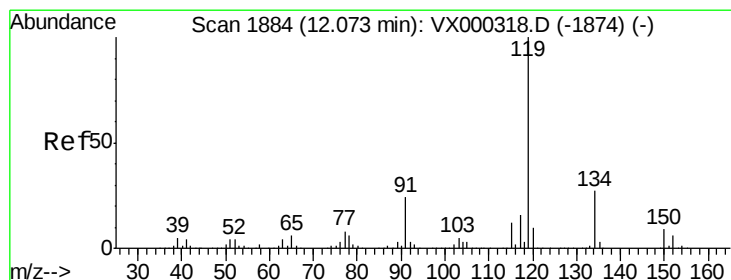
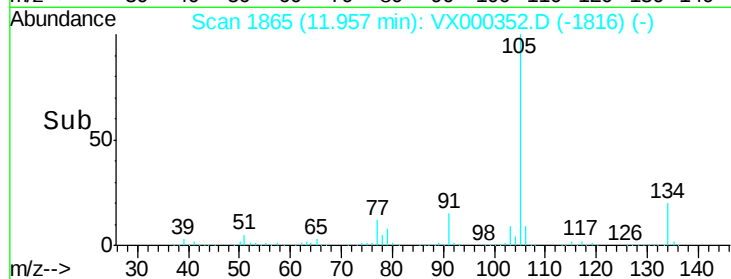
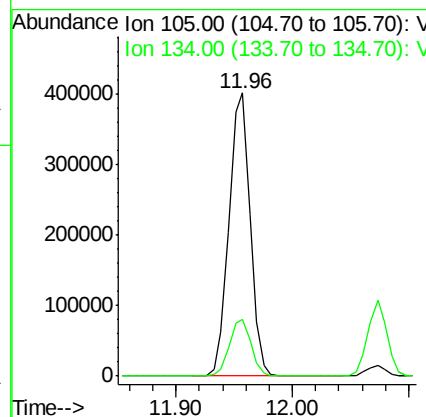
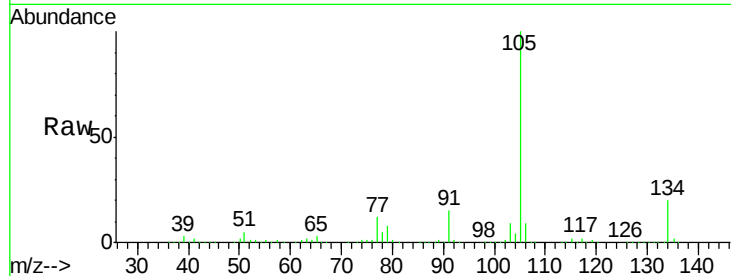
#85
 sec-Butylbenzene
 Concen: 53.90 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000352.D
 Acq: 16 Mar 2018 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 506784
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8

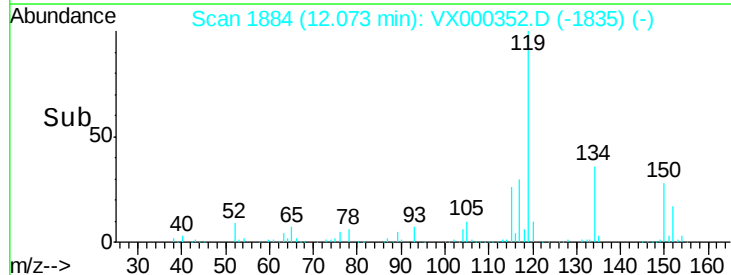
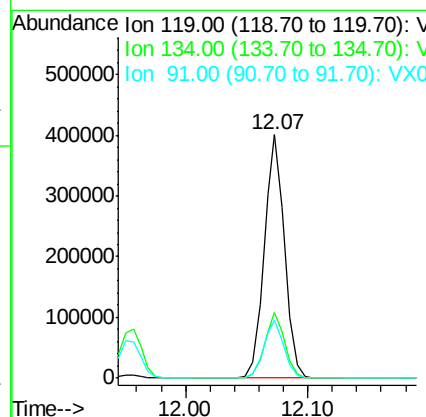
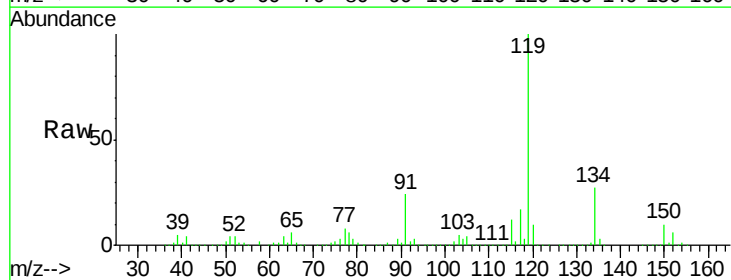
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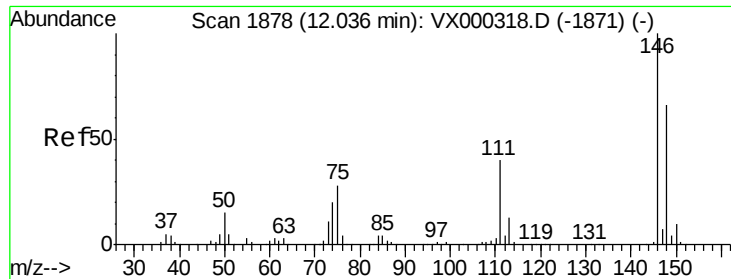
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#86
 p-Isopropyltoluene
 Concen: 55.28 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000352.D
 Acq: 16 Mar 2018 17:53

Tgt Ion:119 Resp: 462537
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 23.8 12.0 36.1





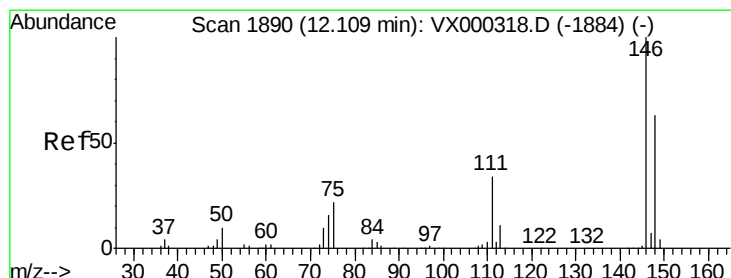
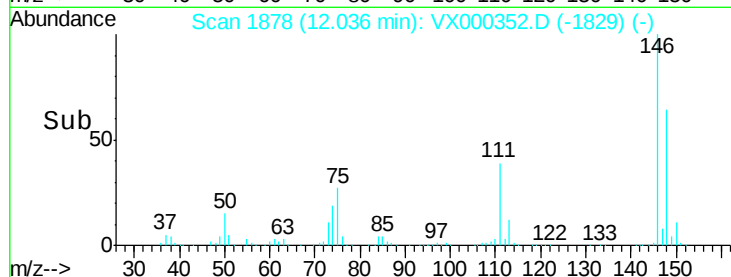
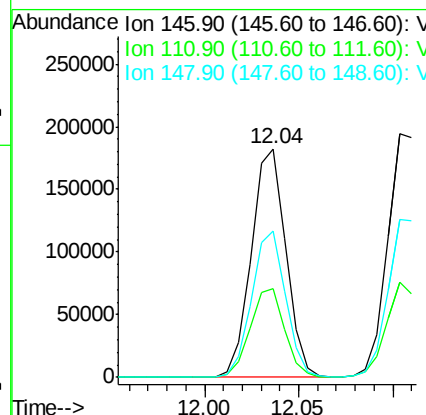
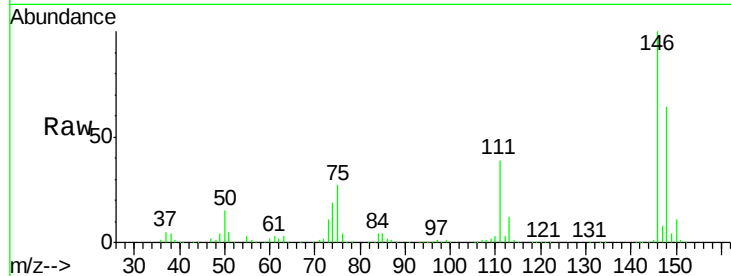
#87
 1,3-Dichlorobenzene
 Concen: 49.89 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000352.D
 Acq: 16 Mar 2018 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.5	58.5
148	63.1	32.4	97.0

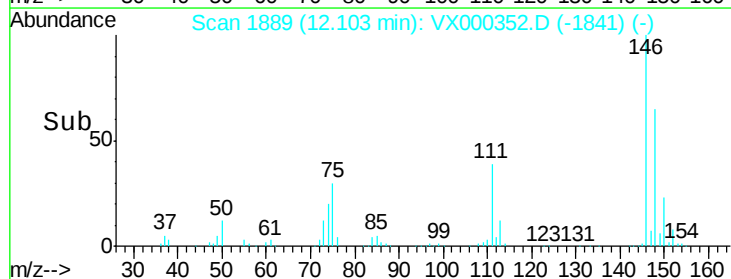
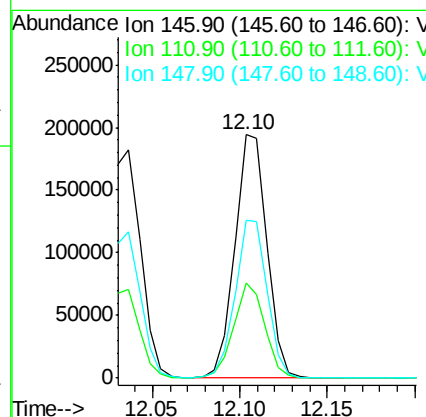
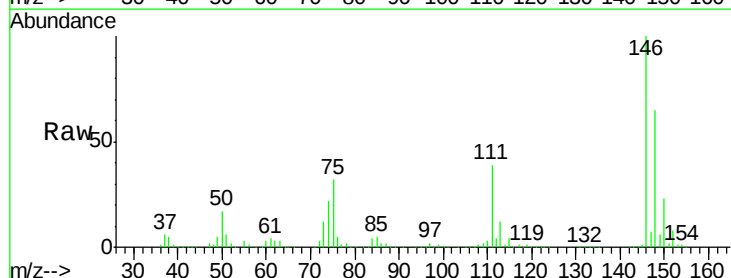
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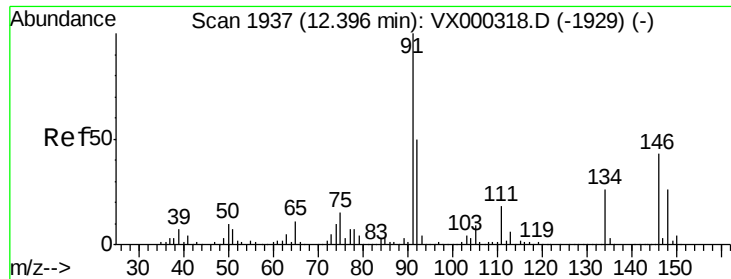
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#88
 1,4-Dichlorobenzene
 Concen: 51.05 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000352.D
 Acq: 16 Mar 2018 17:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.9
148	65.1	31.0	93.0





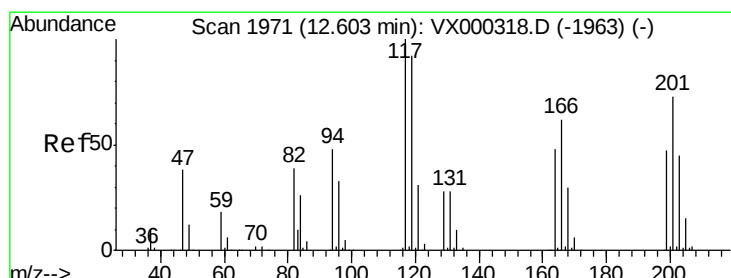
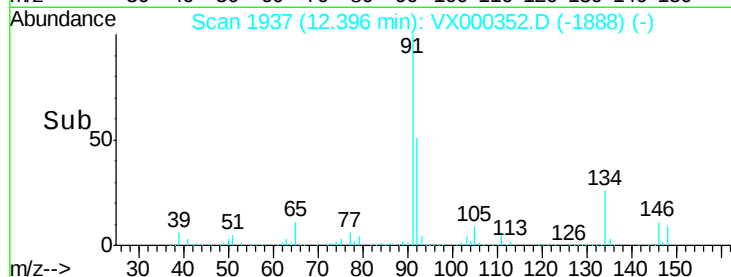
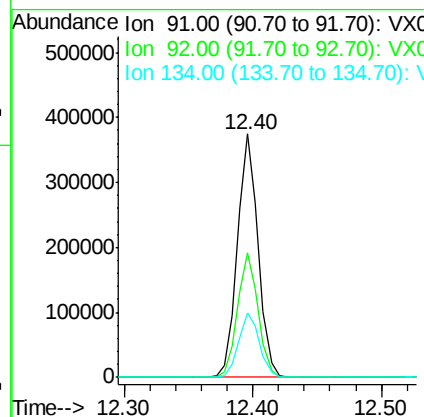
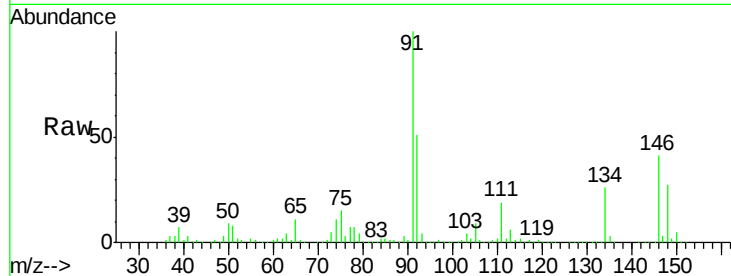
#89
n-Butylbenzene
Concen: 51.75 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.9	77.8
134	26.8	13.1	39.3

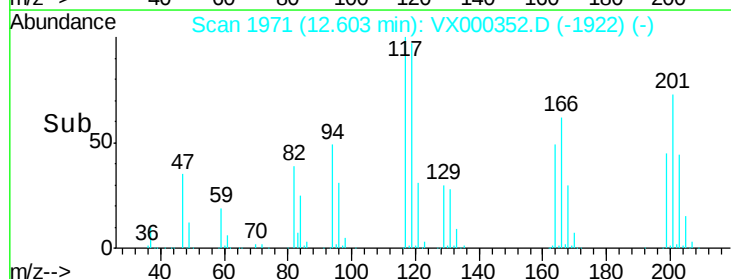
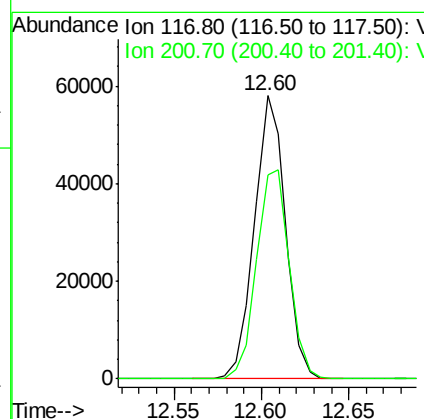
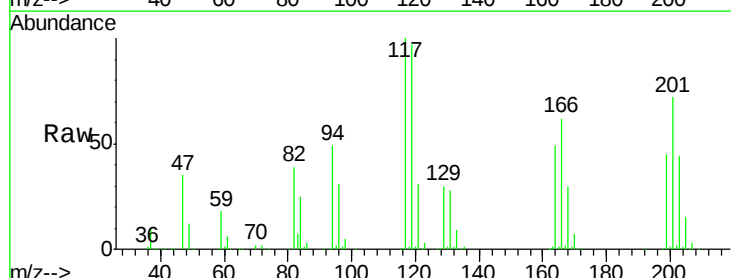
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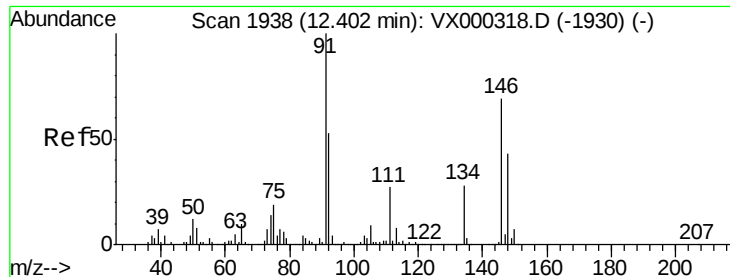
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#90
Hexachloroethane
Concen: 53.67 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000352.D
Acq: 16 Mar 2018 17:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.0	37.9	113.6





#91

1,2-Dichlorobenzene

Concen: 50.92 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

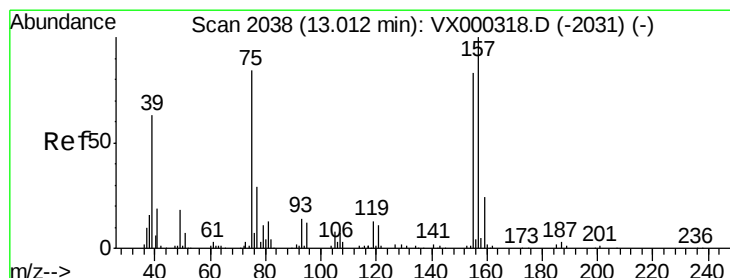
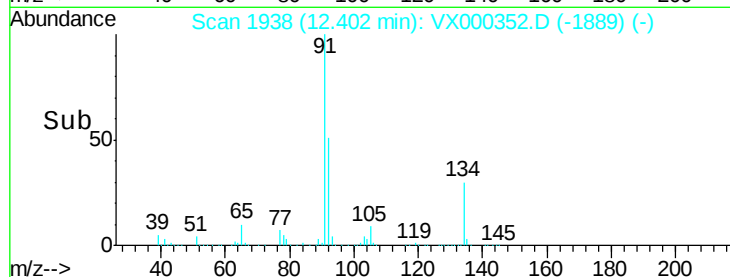
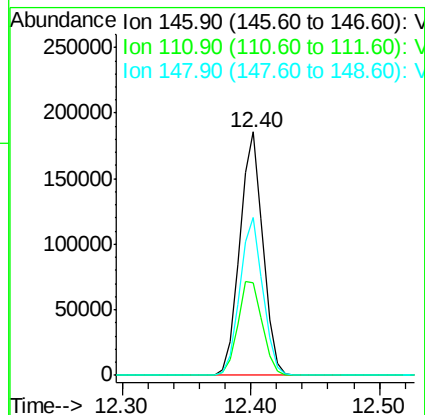
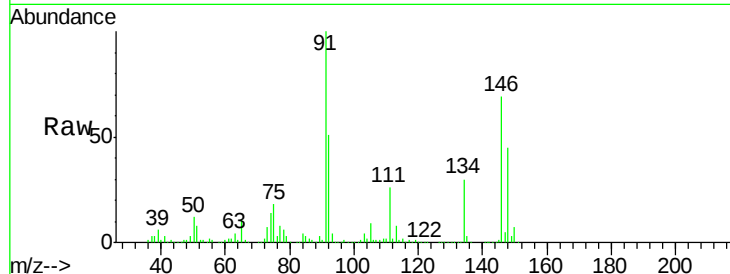
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	229596
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.1	60.2
148	65.0	31.2	93.6

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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.12 ug/l

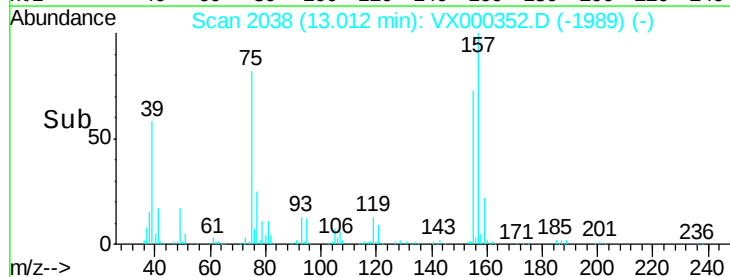
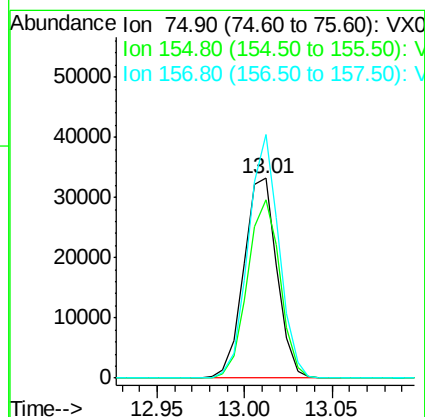
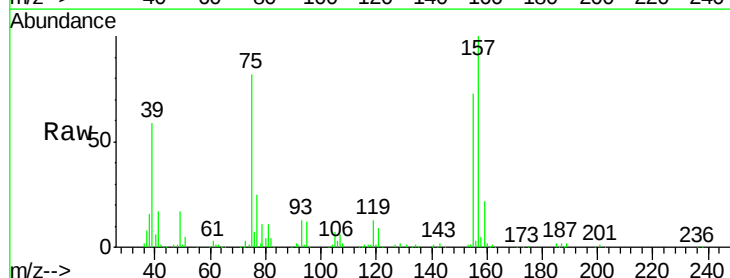
RT: 13.01 min Scan# 2038

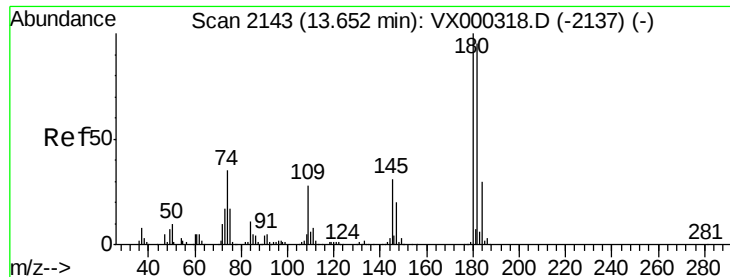
Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Tgt Ion:	75	Resp:	43642
Ion Ratio	Lower	Upper	
75	100		
155	87.9	45.0	134.8
157	112.7	58.1	174.2





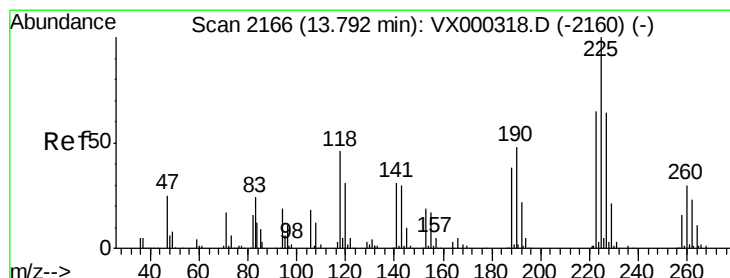
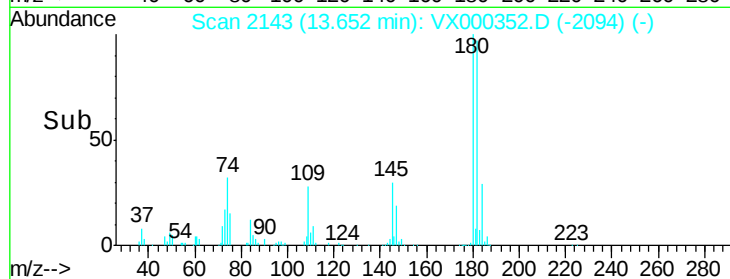
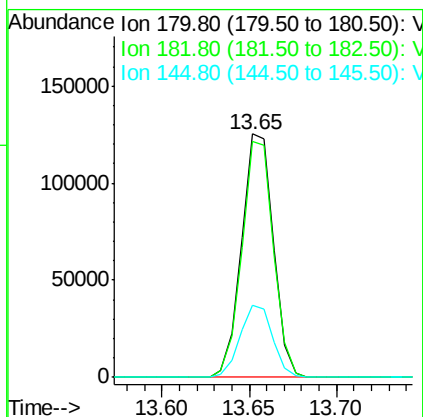
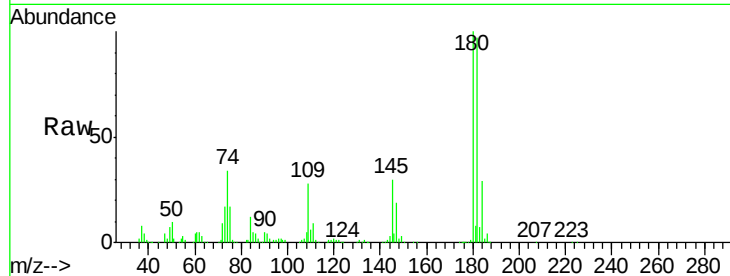
#93
 1,2,4-Trichlorobenzene
 Concen: 48.66 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000352.D
 Acq: 16 Mar 2018 17:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.6	142.9
145	30.3	15.1	45.3

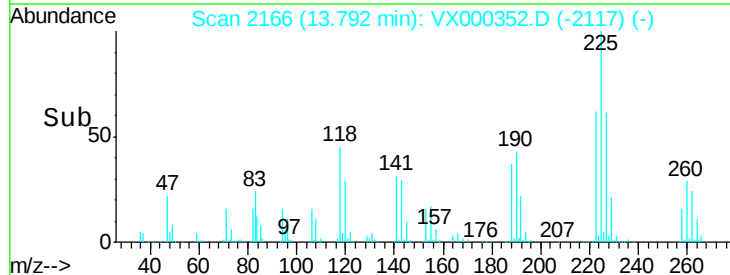
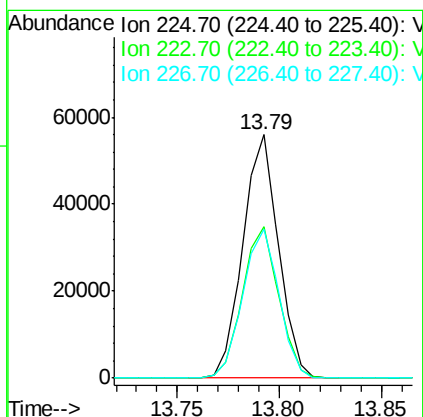
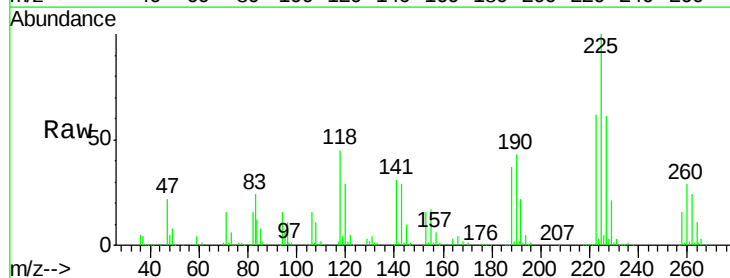
Manual Integrations
 APPROVED

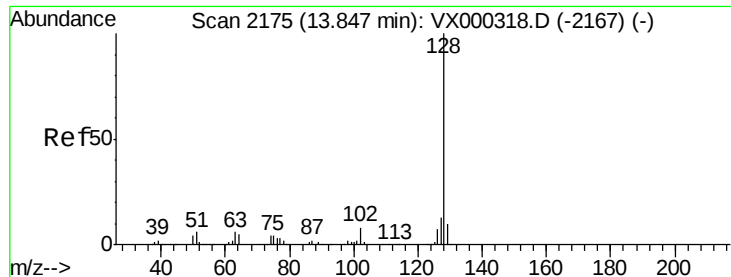
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#94
 Hexachlorobutadiene
 Concen: 53.01 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000352.D
 Acq: 16 Mar 2018 17:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.0	96.0
227	61.9	32.6	98.0





#95

Naphthalene

Concen: 50.93 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Instrument :

MSVOA_X

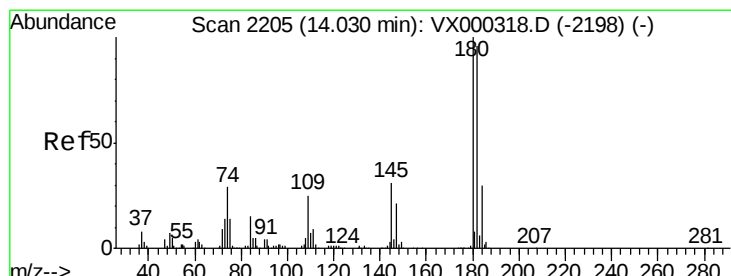
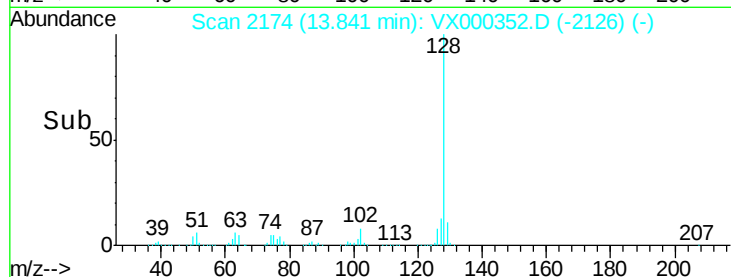
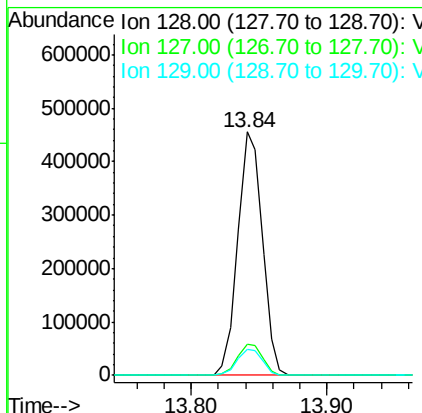
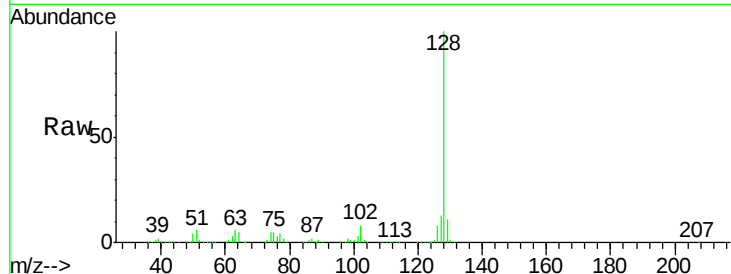
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	573997
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.6	15.8
129	11.0	8.9	13.3

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 48.71 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000352.D

Acq: 16 Mar 2018 17:53

Tgt Ion:	180	Resp:	159815
Ion Ratio		Lower	Upper
180	100		
182	94.2	47.4	142.3
145	32.0	15.8	47.3

