

Data File : VX000346.D
Acq On : 16 Mar 2018 14:14
Operator : JC/MD
Sample : VX0316MBS01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Manual Integrations
APPROVED

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3/19/2018 5:31:57 PM

Quant Time: Mar 16 15:19:38 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	121497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	194479	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	188328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	104685	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	76644	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
35) Dibromofluoromethane	5.51	113	59083	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	8.73	98	237332	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
62) 4-Bromofluorobenzene	11.15	95	88128	42.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.86%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	21934	16.76	ug/l 97
3) Chloromethane	1.32	50	24116	18.08	ug/l 95
4) Vinyl Chloride	1.41	62	27171	18.18	ug/l 97
5) Bromomethane	1.65	94	24025	14.41	ug/l 93
6) Chloroethane	1.73	64	17881	16.84	ug/l 92
7) Trichlorofluoromethane	1.93	101	48775	18.79	ug/l 99
8) Diethyl Ether	2.20	74	17635	19.09	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27510	19.69	ug/l 98
10) Methyl Iodide	2.52	142	21881	15.50	ug/l 98
11) Tert butyl alcohol	3.07	59	50244	92.39	ug/l 99
12) 1,1-Dichloroethene	2.38	96	24866	18.75	ug/l 95
13) Acrolein	2.30	56	19991	85.44	ug/l 100
14) Allyl chloride	2.73	41	44485	18.81	ug/l 97
15) Acrylonitrile	3.15	53	102316	97.57	ug/l 100
16) Acetone	2.45	43	114213	101.77	ug/l 100
17) Carbon Disulfide	2.57	76	66224	17.09	ug/l 99
18) Methyl Acetate	2.78	43	50996	20.31	ug/l 96
19) Methyl tert-butyl Ether	3.21	73	91478	19.59	ug/l 100
20) Methylene Chloride	2.86	84	28697	19.75	ug/l 96
21) trans-1,2-Dichloroethene	3.17	96	26530	18.09	ug/l 99
22) Diisopropyl ether	3.88	45	67951	17.26	ug/l 93
23) Vinyl Acetate	3.83	43	325143	86.67	ug/l 99
24) 1,1-Dichloroethane	3.70	63	48263	19.49	ug/l 99
25) 2-Butanone	4.71	43	131134	97.76	ug/l 98
26) 2,2-Dichloropropane	4.59	77	33366	18.67	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	25561	19.08	ug/l 95
28) Bromochloromethane	5.03	49	18699	17.97	ug/l 99
29) Tetrahydrofuran	5.18	42	80481	93.22	ug/l 99
30) Chloroform	5.23	83	43219	18.49	ug/l 99
31) Cyclohexane	5.58	56	36164	19.03	ug/l 95
32) 1,1,1-Trichloroethane	5.51	97	38656	18.71	ug/l 97
36) 1,1-Dichloropropene	5.81	75	32606	18.45	ug/l 98
37) Ethyl Acetate	4.87	43	44400	18.91	ug/l 99
38) Carbon Tetrachloride	5.79	117	34234	19.22	ug/l 95

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MSVOA_X

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Manual Integrations

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Quant Time: Mar 16 15:19:38 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)
39) Methylcyclohexane	7.46	83	41165	19.97	ug/l	95
40) Benzene	6.15	78	97725	19.49	ug/l	100
41) Methacrylonitrile	5.07	41	22480	18.23	ug/l	96
42) 1,2-Dichloroethane	6.21	62	38246	19.25	ug/l	98
43) Isopropyl Acetate	6.48	43	66983	19.76	ug/l	99
44) Trichloroethene	7.22	130	28207	19.42	ug/l	93
45) 1,2-Dichloropropane	7.53	63	25984	21.02	ug/l	98
46) Dibromomethane	7.67	93	19176	19.31	ug/l	97
47) Bromodichloromethane	7.91	83	34093	19.34	ug/l	98
48) Methyl methacrylate	7.79	41	32981	19.24	ug/l	98
49) 1,4-Dioxane	7.76	88	12708	329.57	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	258991	98.39	ug/l	98
52) Toluene	8.79	92	67349	19.12	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	39649	19.49	ug/l	90
54) cis-1,3-Dichloropropene	9.05	75	37500	18.85	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	27578	19.52	ug/l	95
56) Ethyl methacrylate	9.19	69	41281	19.73	ug/l	98
57) 1,3-Dichloropropane	9.38	76	45477	19.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	103256	118.91	ug/l	99
59) 2-Hexanone	9.51	43	218941	98.72	ug/l	97
60) Dibromochloromethane	9.59	129	27295	18.27	ug/l	96
61) 1,2-Dibromoethane	9.68	107	28790	18.38	ug/l	98
64) Tetrachloroethene	9.34	164	28224	22.10	ug/l	99
65) Chlorobenzene	10.15	112	75734	19.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	26655	20.66	ug/l	98
67) Ethyl Benzene	10.26	91	131187	20.06	ug/l	97
68) m/p-Xylenes	10.37	106	100786	39.56	ug/l	99
69) o-Xylene	10.71	106	48179	19.47	ug/l	97
70) Styrene	10.72	104	80261	19.54	ug/l	99
71) Bromoform	10.87	173	21261	19.05	ug/l	# 96
73) Isopropylbenzene	11.02	105	135162	21.44	ug/l	97
74) N-amyl acetate	6.48	43	66983	22.19	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	46731	20.82	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	43853m	22.03	ug/l	
77) Bromobenzene	11.26	156	33407	20.19	ug/l	99
78) n-propylbenzene	11.37	91	156305	20.56	ug/l	100
79) 2-Chlorotoluene	11.43	91	90462	20.97	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	110771	20.62	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	12436	19.50	ug/l	89
82) 4-Chlorotoluene	11.52	91	107973	20.36	ug/l	99
83) tert-Butylbenzene	11.78	119	111834	21.34	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	116915	21.17	ug/l	100
85) sec-Butylbenzene	11.96	105	141410	21.56	ug/l	100
86) p-Isopropyltoluene	12.07	119	123096	21.09	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	64417	19.83	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	66607	19.74	ug/l	97
89) n-Butylbenzene	12.40	91	114469	20.17	ug/l	100
90) Hexachloroethane	12.60	117	19518	20.84	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	64034	20.36	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13066	21.50	ug/l	90

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

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Quant Time: Mar 16 15:19:38 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	44794	19.77	ug/l	99
94) Hexachlorobutadiene	13.79	225	19947	22.31	ug/l	97
95) Naphthalene	13.84	128	163242	20.76	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	46235	20.20	ug/l	99

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

Data File : VX000346.D

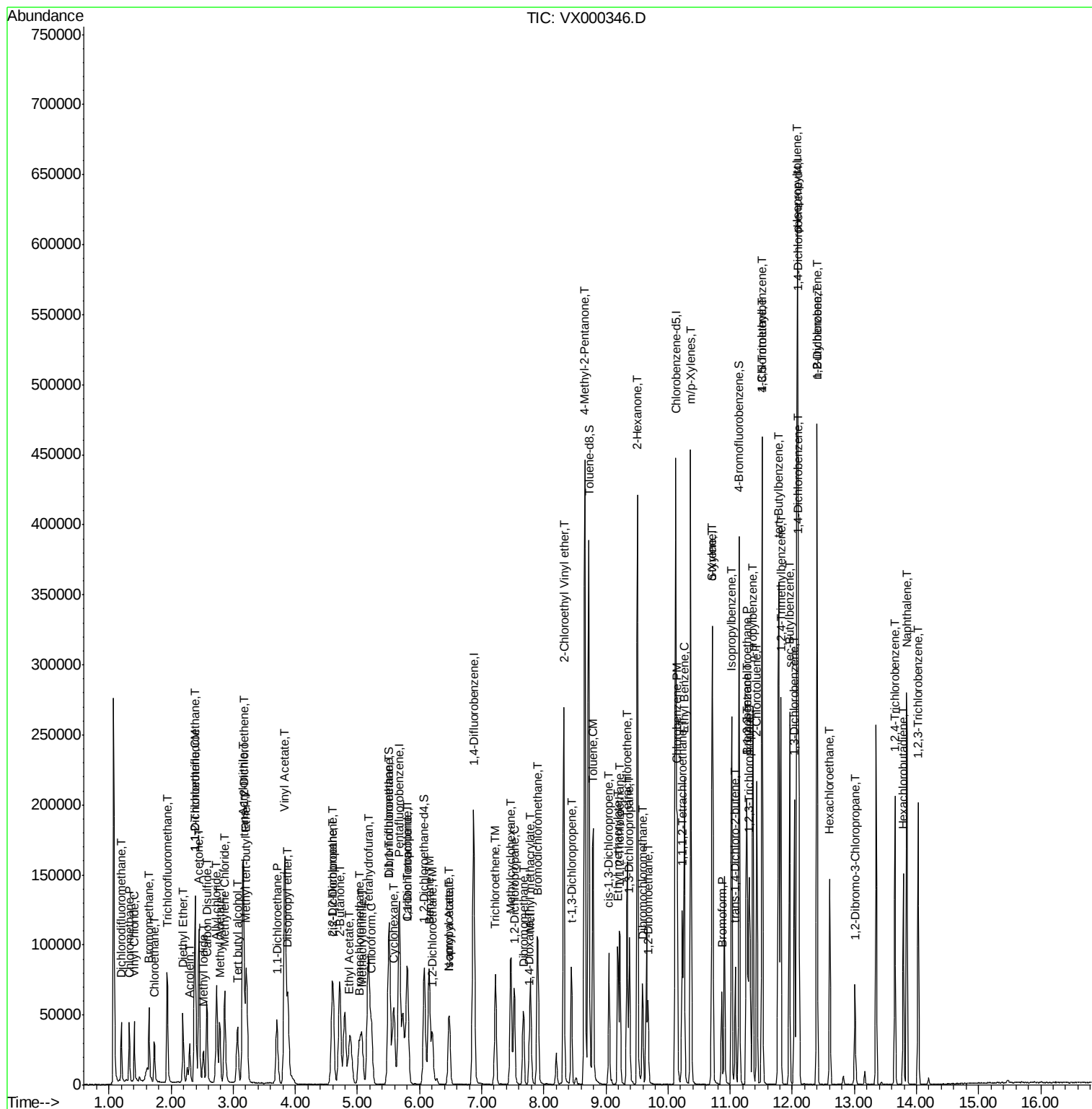
Acq On : 16 Mar 2018 14:14
Operator : JC/MD
Sample : VX0316MBS01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

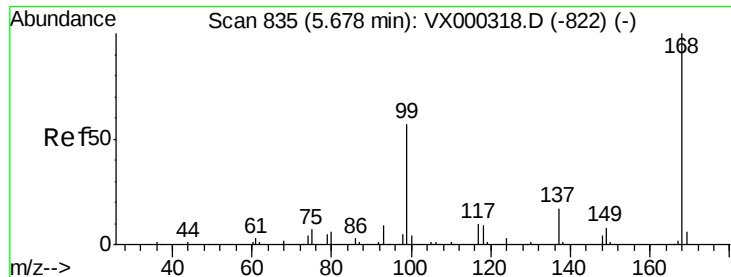
Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Manual Integrations APPROVED

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Quant Title : SW846 8260
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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: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion:168 Resp: 121497

Ion Ratio Lower Upper

168 100

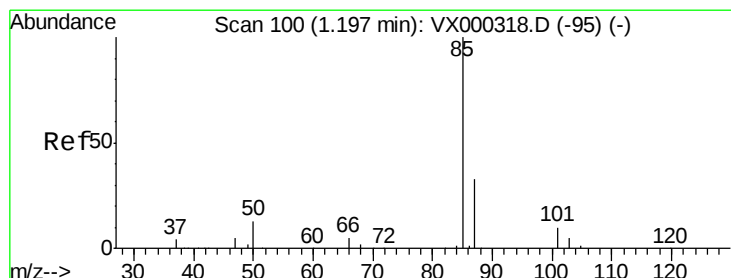
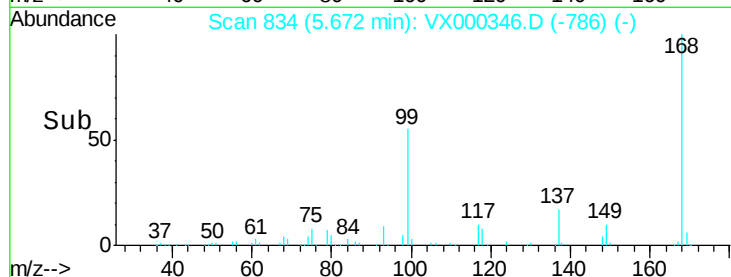
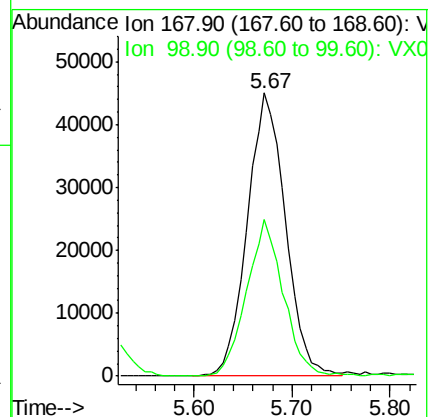
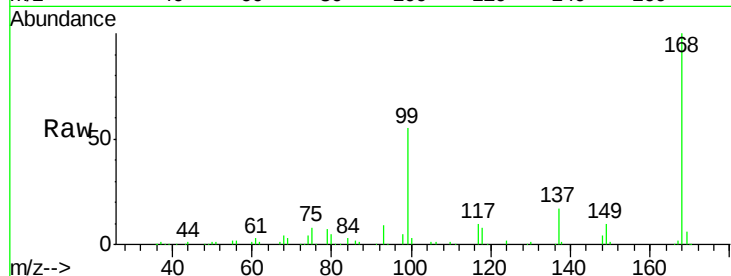
99 55.3 45.8 68.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 16.76 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000346.D

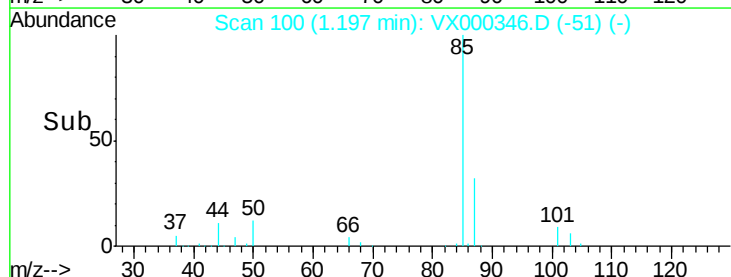
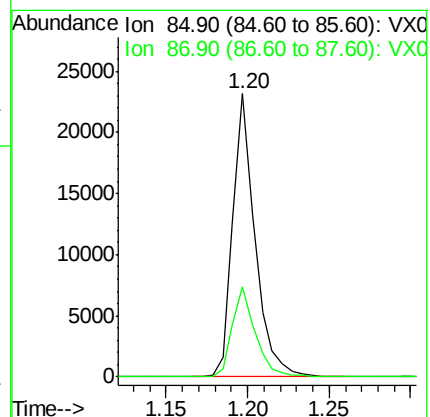
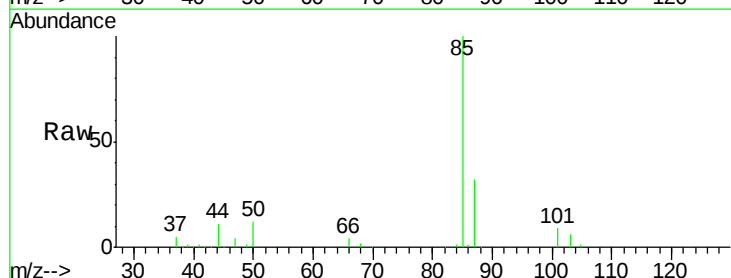
Acq: 16 Mar 2018 14:14

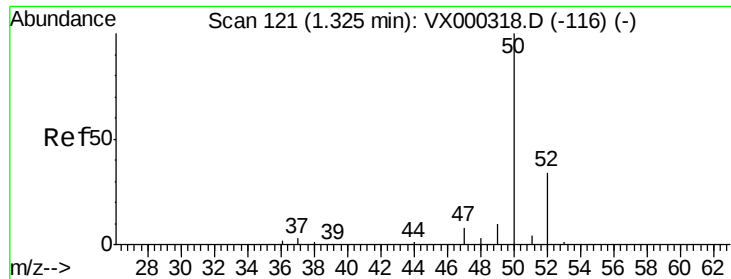
Tgt Ion: 85 Resp: 21934

Ion Ratio Lower Upper

85 100

87 31.7 16.8 50.3





#3

Chloromethane

Concen: 18.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 50 Resp: 24116

Ion Ratio Lower Upper

50 100

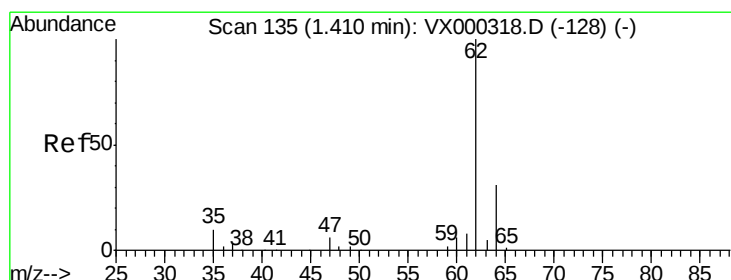
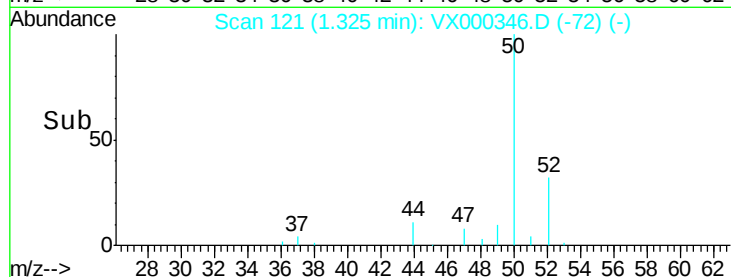
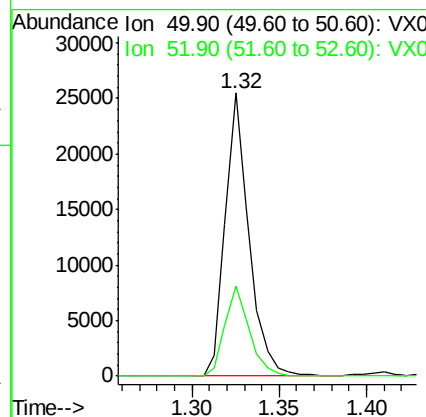
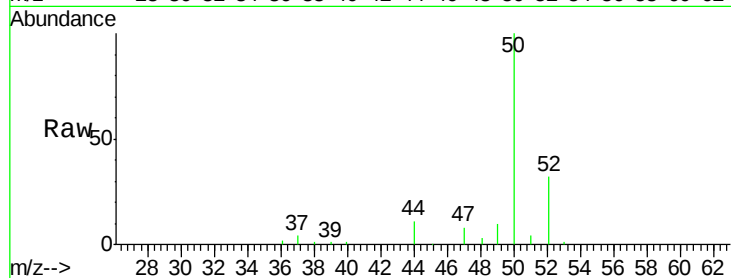
52 31.8 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.18 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000346.D

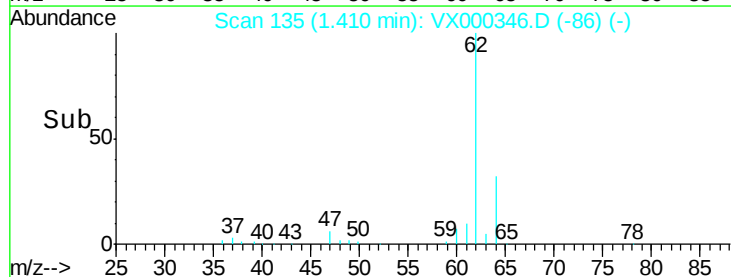
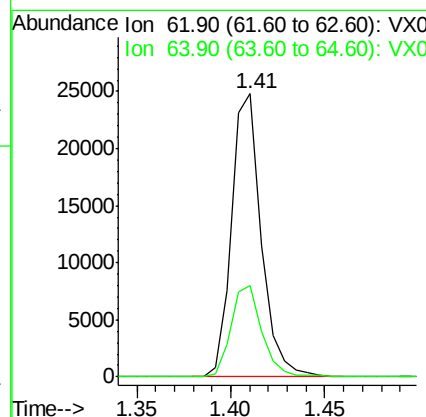
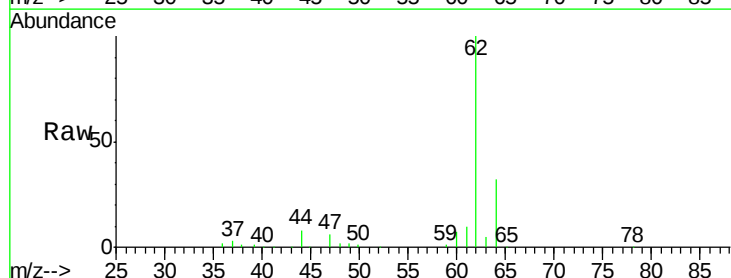
Acq: 16 Mar 2018 14:14

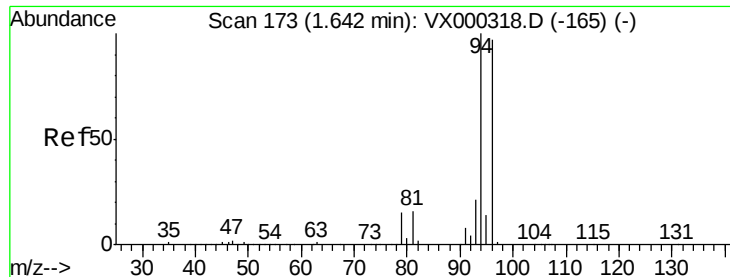
Tgt Ion: 62 Resp: 27171

Ion Ratio Lower Upper

62 100

64 32.4 24.8 37.2





#5

Bromomethane

Concen: 14.41 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 94 Resp: 24025

Ion Ratio Lower Upper

94 100

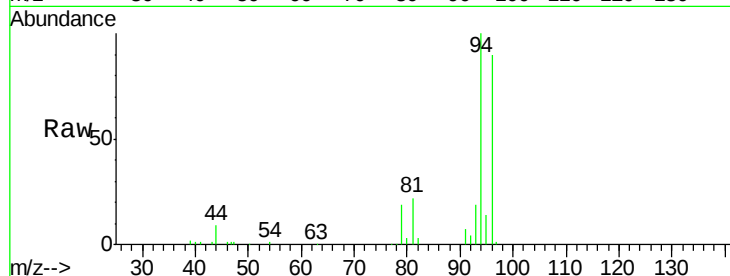
96 90.0 77.7 116.5

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

20000

15000

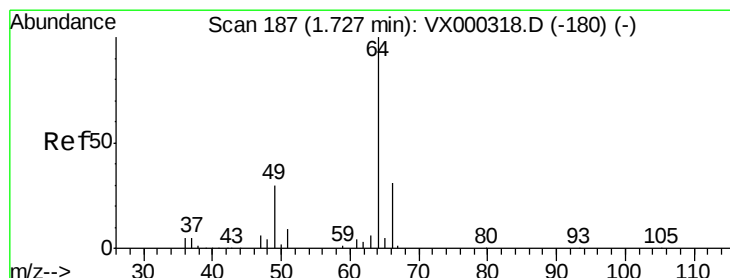
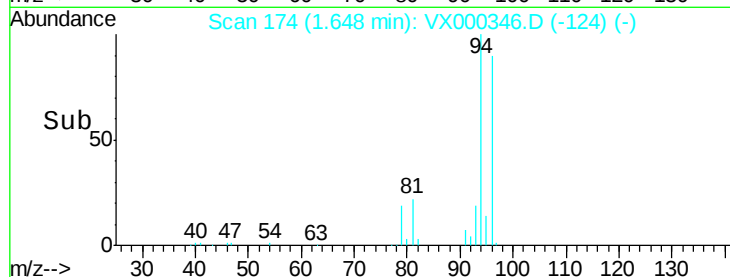
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 16.84 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000346.D

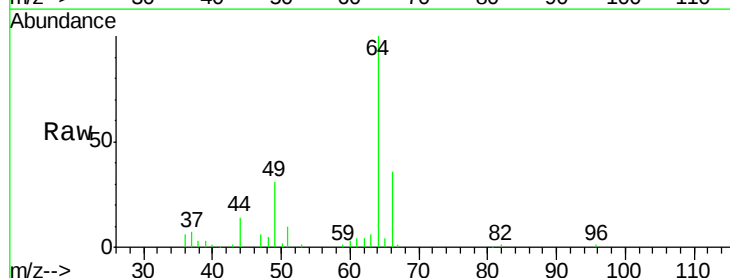
Acq: 16 Mar 2018 14:14

Tgt Ion: 64 Resp: 17881

Ion Ratio Lower Upper

64 100

66 35.7 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

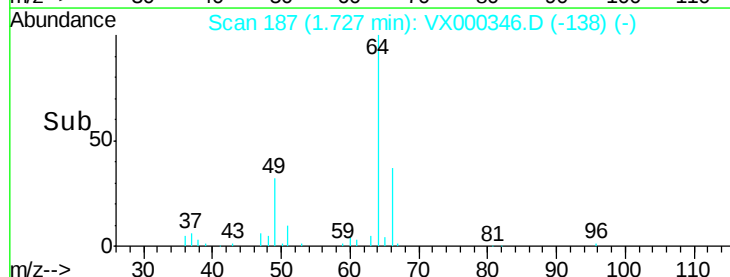
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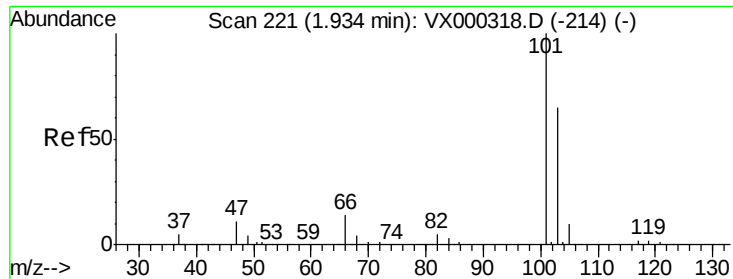
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0

Time-->

1.65 1.70 1.75 1.80





#7

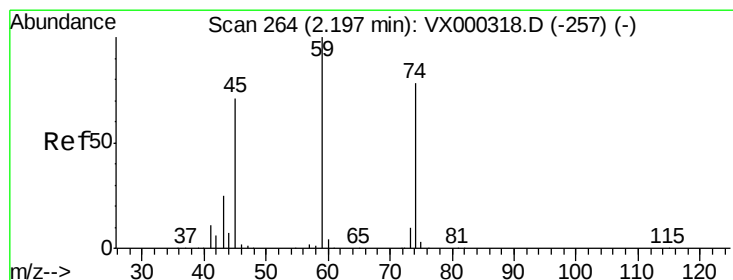
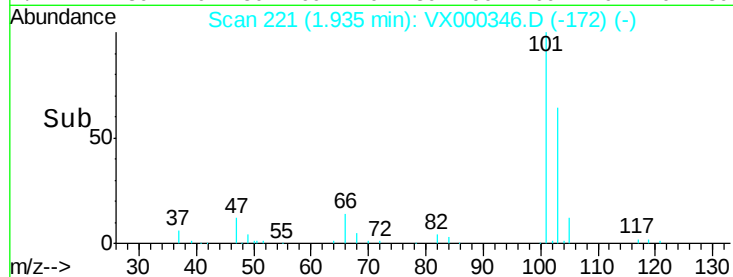
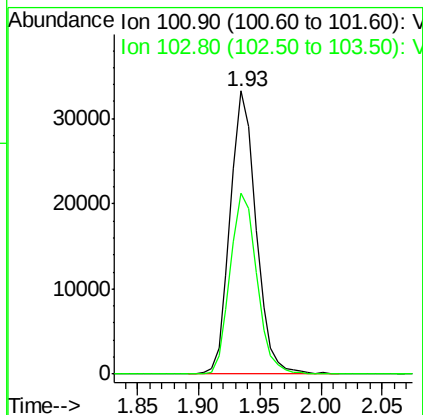
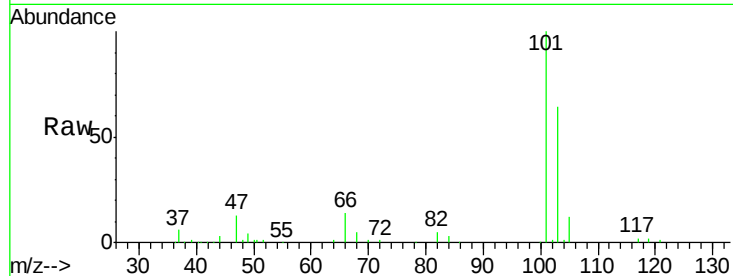
Trichlorofluoromethane
 Concen: 18.79 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01

Tgt Ion: 101 Resp: 48775
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.6 77.4

Manual Integrations
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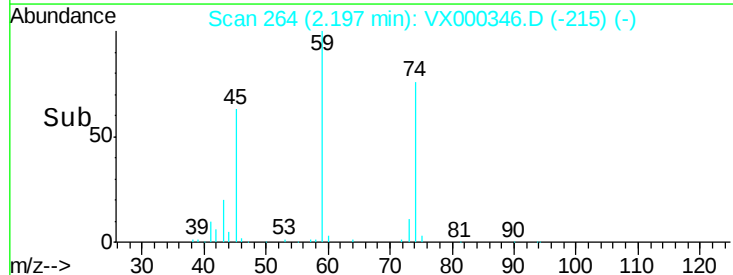
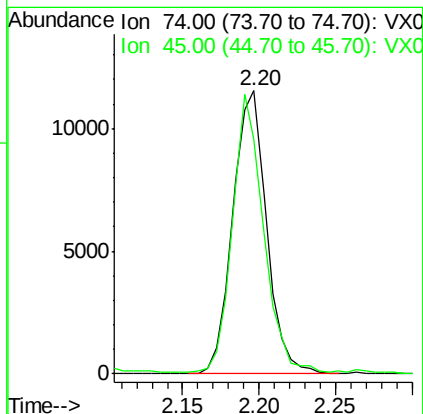
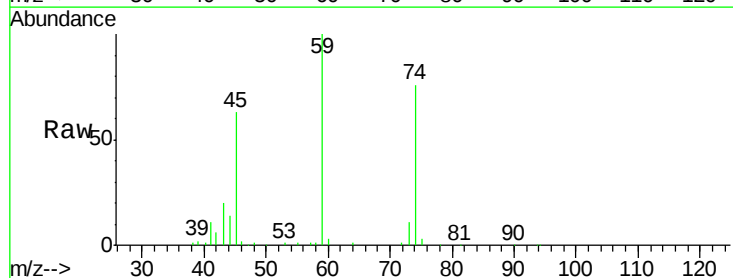
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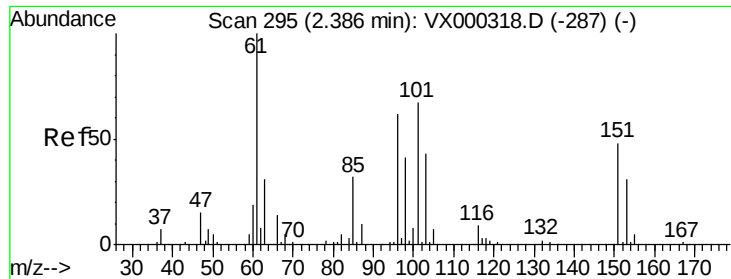


#8

Diethyl Ether
 Concen: 19.09 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Tgt Ion: 74 Resp: 17635
 Ion Ratio Lower Upper
 74 100
 45 91.3 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.69 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

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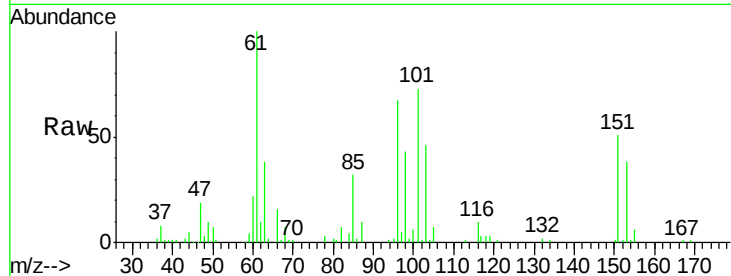
ClientSampleId :

VX0316MBS01

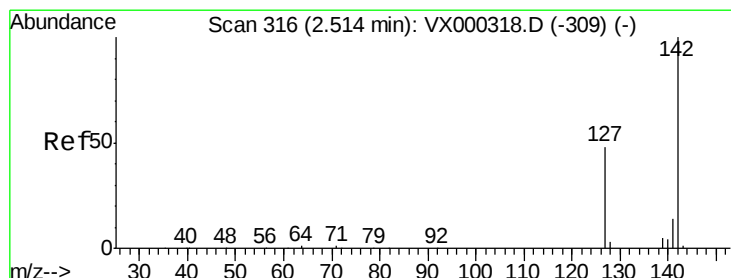
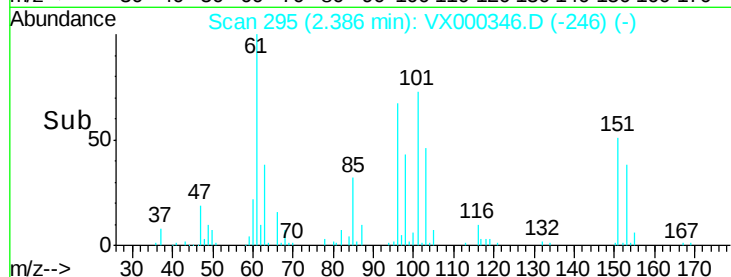
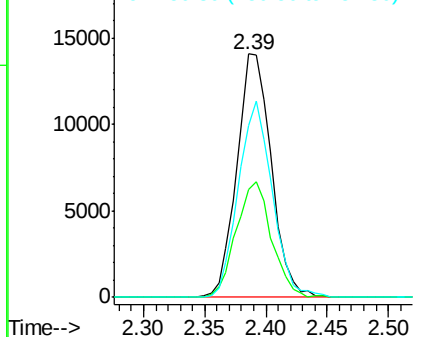
Tgt Ion:	101	Resp:	27510
Ion Ratio	Lower	Upper	
101	100		
85	49.0	37.6	56.4
151	79.3	62.6	93.8

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.50 ug/l

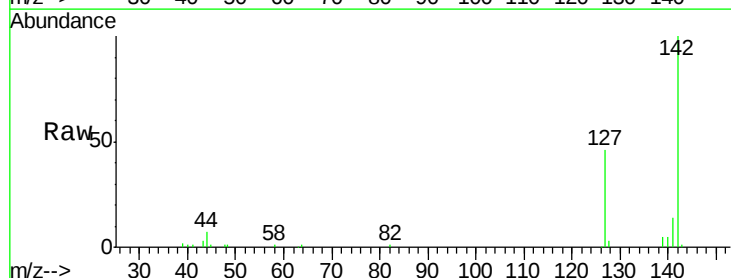
RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

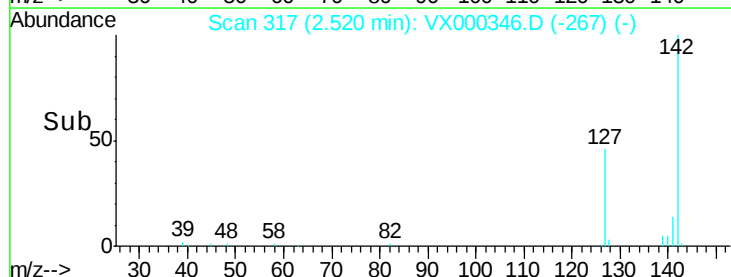
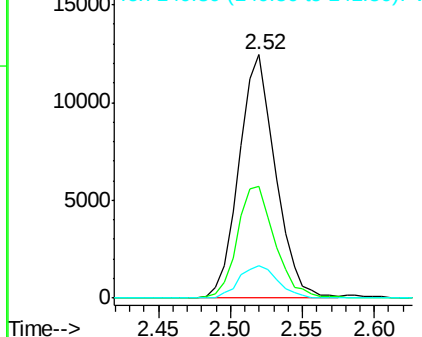
Lab File: VX000346.D

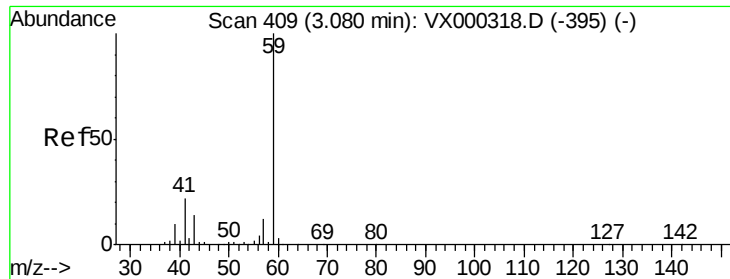
Acq: 16 Mar 2018 14:14

Tgt Ion:	142	Resp:	21881
Ion Ratio	Lower	Upper	
142	100		
127	47.2	39.2	58.8
141	14.1	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





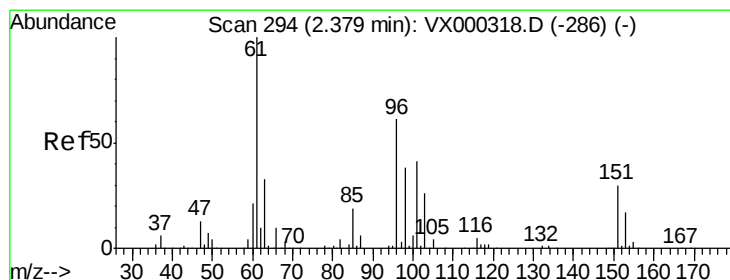
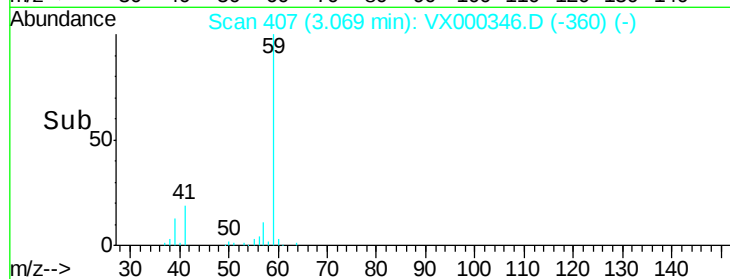
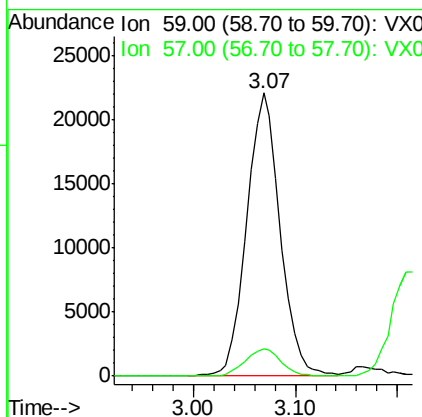
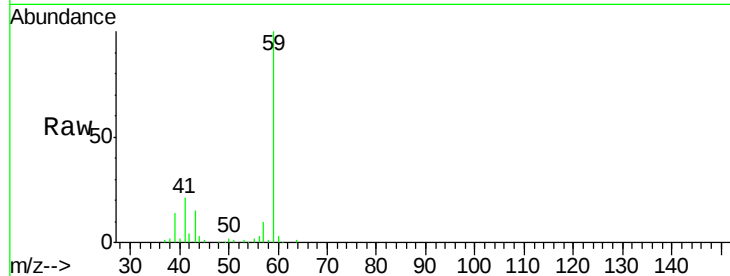
#11
Tert butyl alcohol
Concen: 92.39 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 59 Resp: 50244
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6

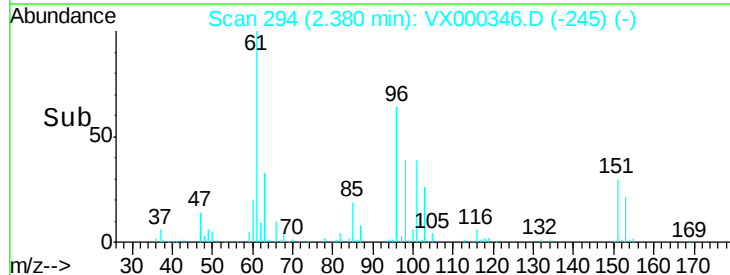
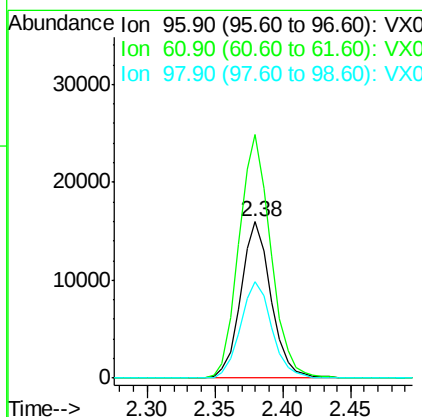
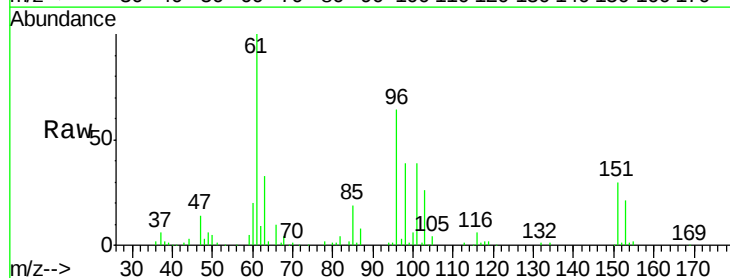
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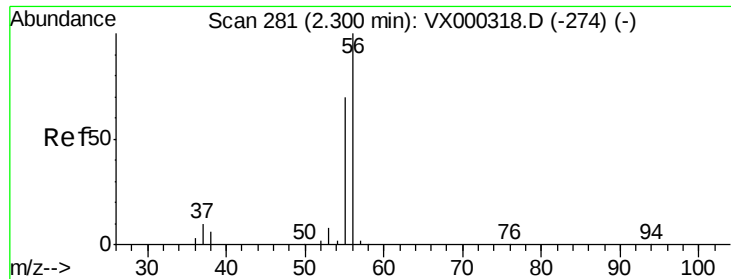
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#12
1,1-Dichloroethene
Concen: 18.75 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 96 Resp: 24866
Ion Ratio Lower Upper
96 100
61 156.1 131.2 196.8
98 61.5 49.8 74.8





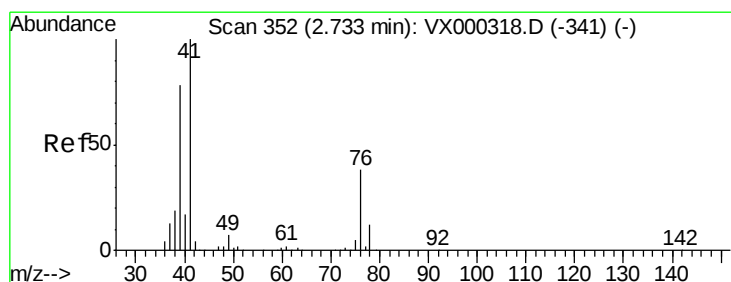
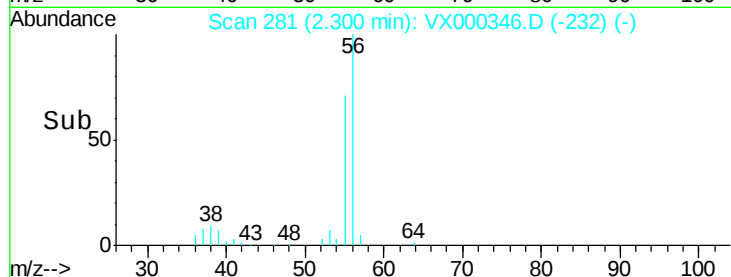
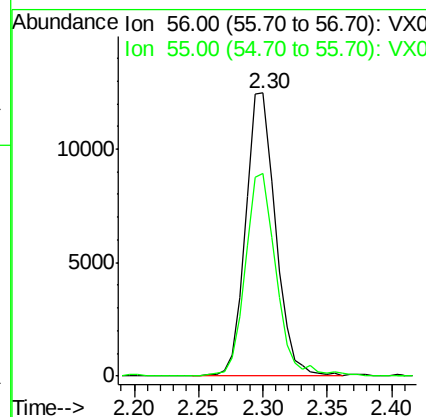
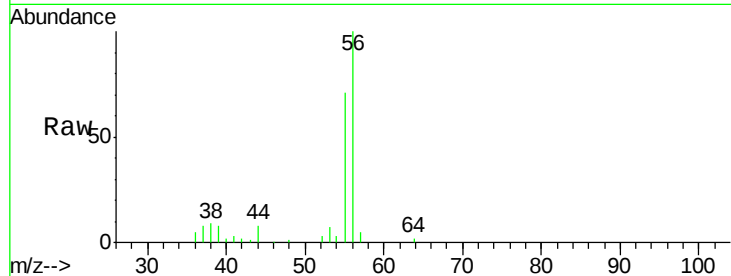
#13
Acrolein
Concen: 85.44 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	73.9	58.8	88.2

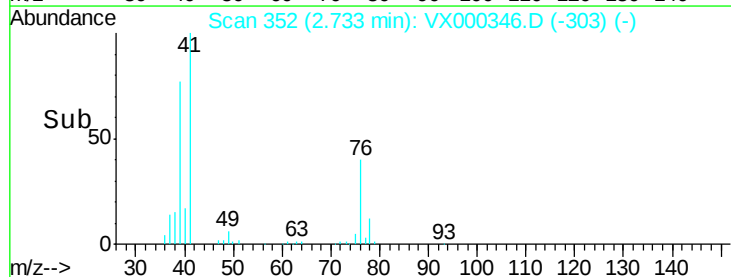
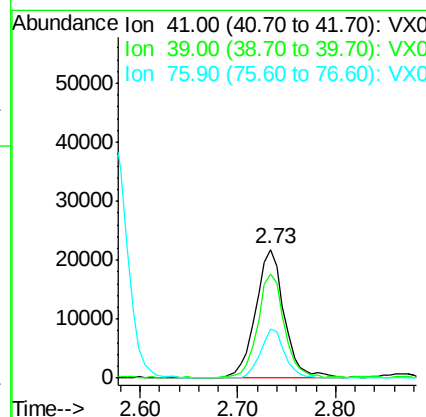
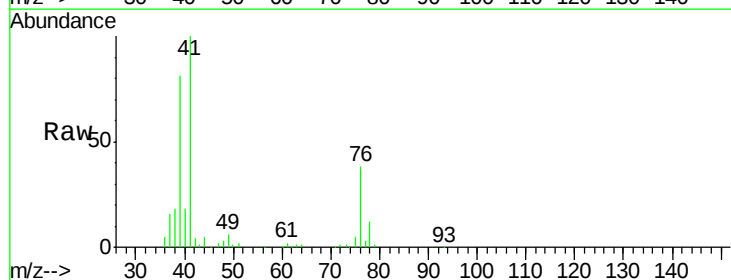
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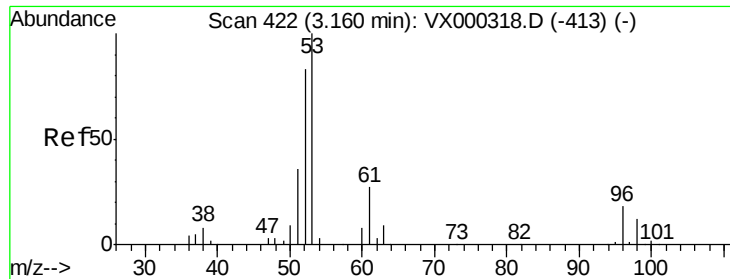
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#14
Allyl chloride
Concen: 18.81 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion	Ratio	Lower	Upper
41	100		
39	74.3	57.6	86.4
76	32.3	27.3	40.9





#15

Acrylonitrile

Concen: 97.57 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

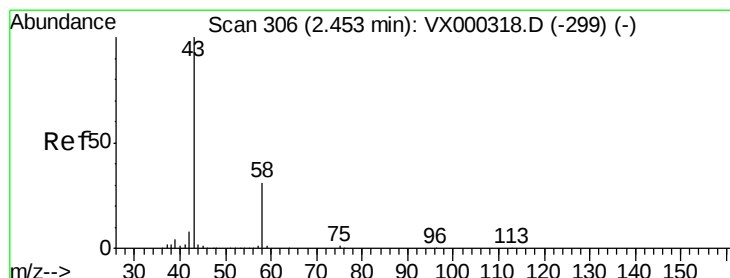
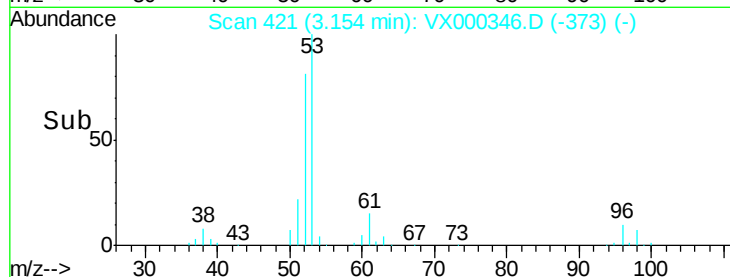
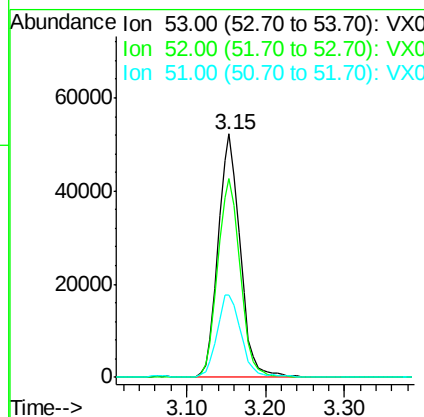
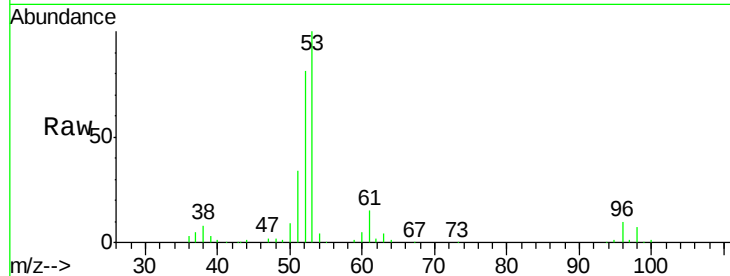
ClientSampleId :

VX0316MBS01

Tgt Ion:	53	Resp:	102316
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.6	99.8
51	37.1	29.3	43.9

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#16

Acetone

Concen: 101.77 ug/l

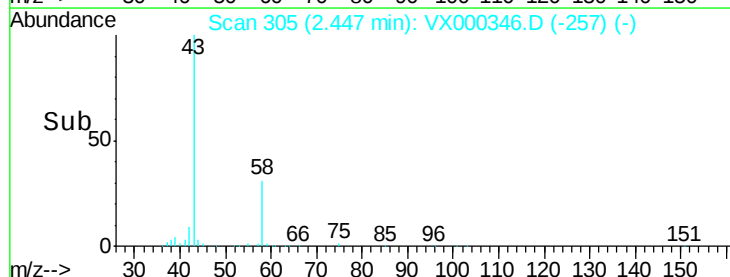
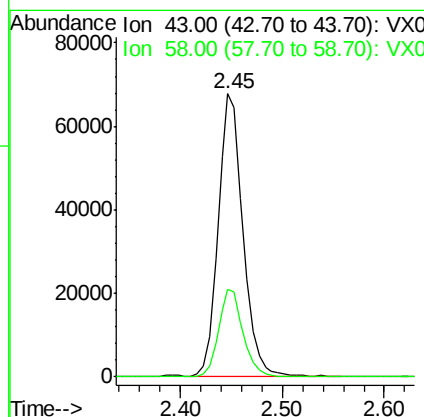
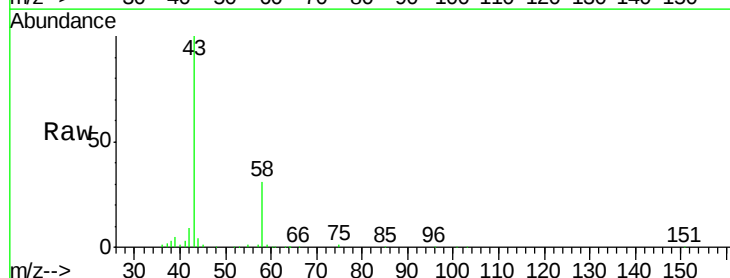
RT: 2.45 min Scan# 305

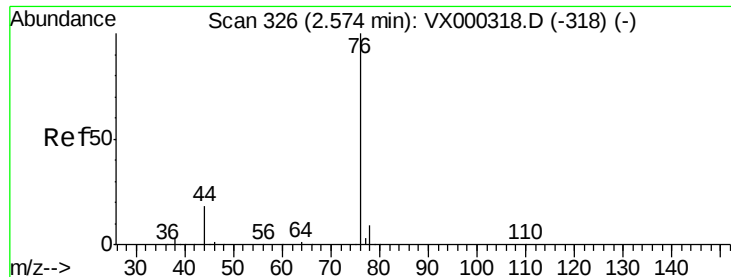
Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Tgt Ion:	43	Resp:	114213
Ion Ratio	Lower	Upper	
43	100		
58	30.8	24.7	37.1





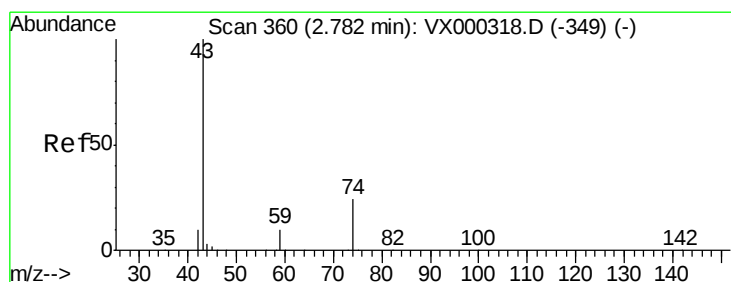
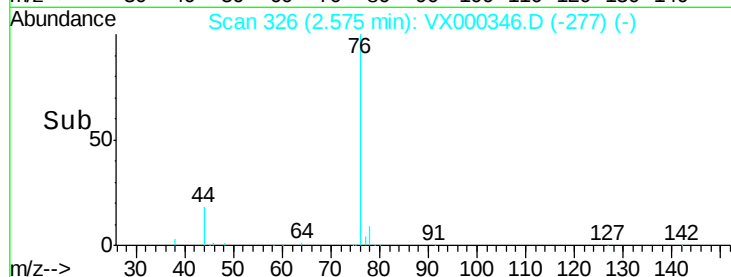
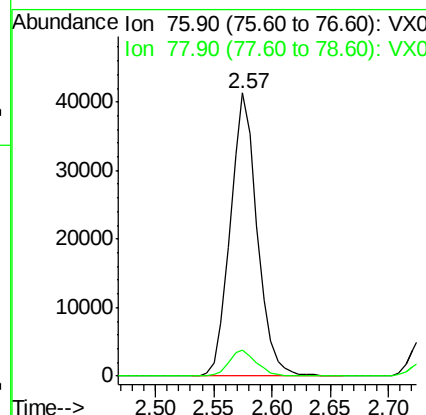
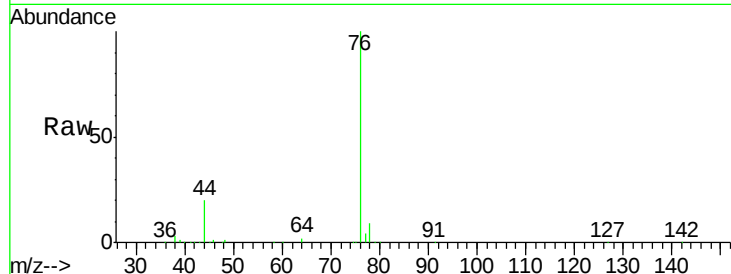
#17
Carbon Disulfide
Concen: 17.09 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 76 Resp: 66224
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

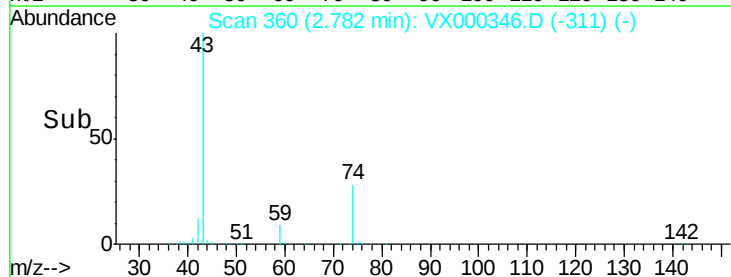
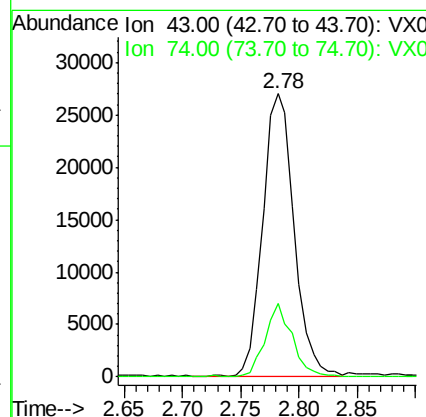
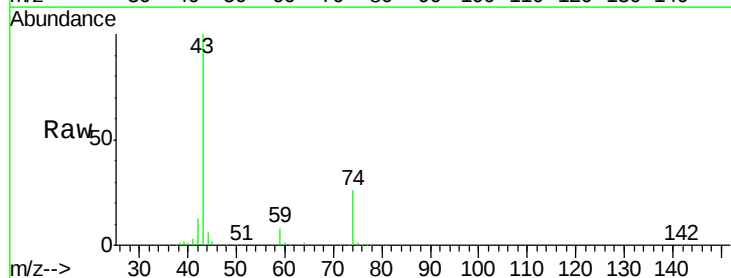
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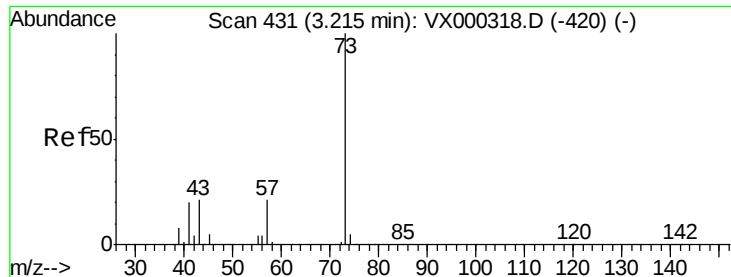
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#18
Methyl Acetate
Concen: 20.31 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 43 Resp: 50996
Ion Ratio Lower Upper
43 100
74 22.3 19.4 29.2





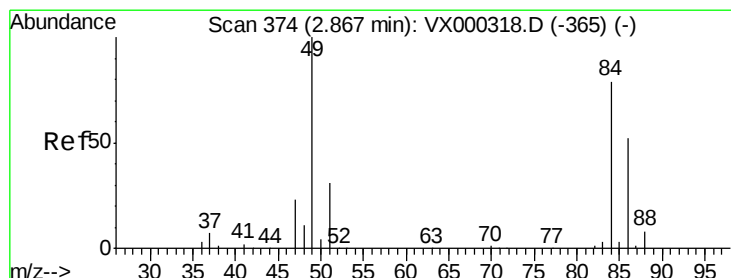
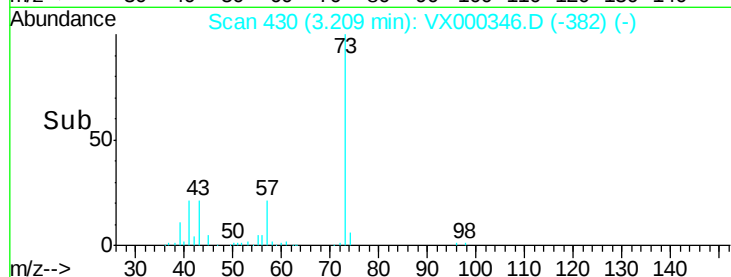
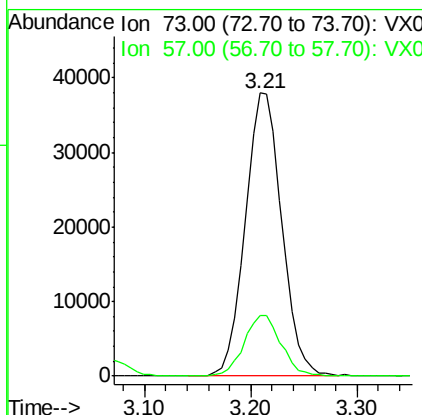
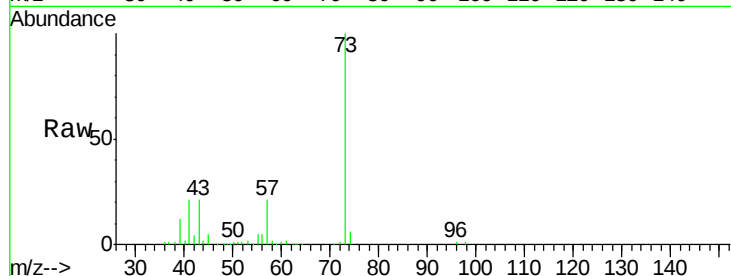
#19
Methyl tert-butyl Ether
Concen: 19.59 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 73 Resp: 91478
Ion Ratio Lower Upper
73 100
57 21.3 17.2 25.8

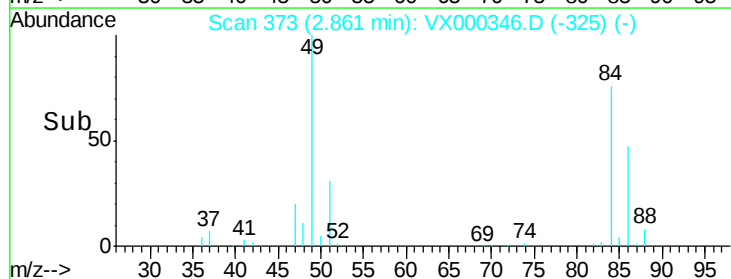
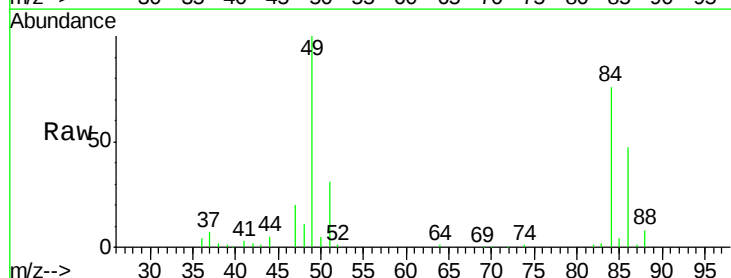
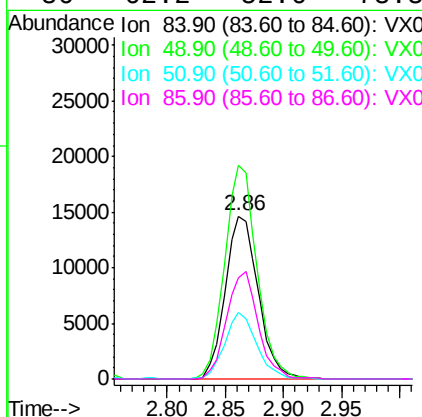
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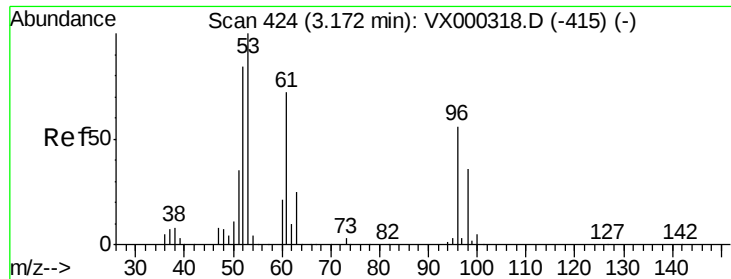
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#20
Methylene Chloride
Concen: 19.75 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 84 Resp: 28697
Ion Ratio Lower Upper
84 100
49 131.4 100.6 151.0
51 41.0 31.6 47.4
86 62.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.09 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

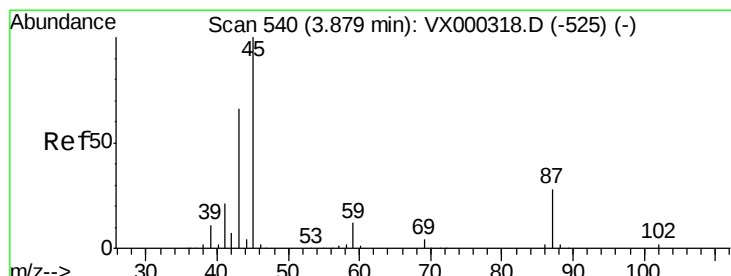
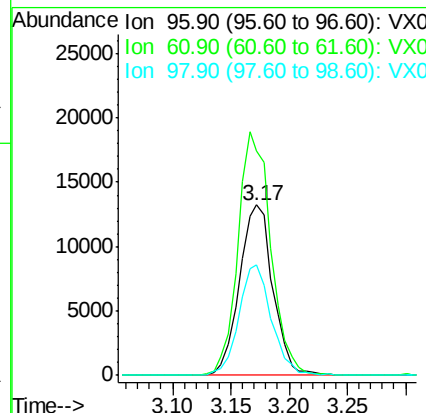
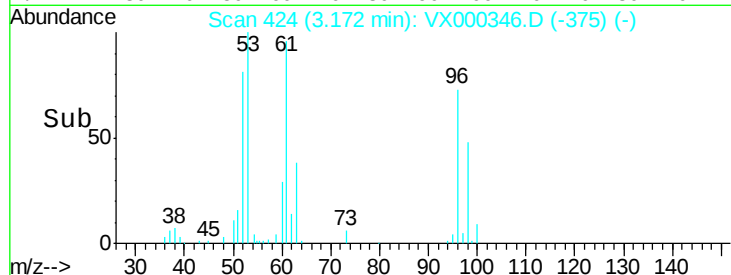
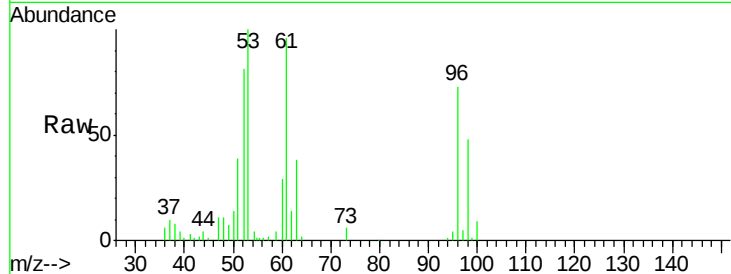
ClientSampleId :

VX0316MBS01

Tgt Ion:	96	Resp:	26530
Ion	Ratio	Lower	Upper
96	100		
61	131.4	104.0	156.0
98	65.2	52.1	78.1

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#22

Diisopropyl ether

Concen: 17.26 ug/l

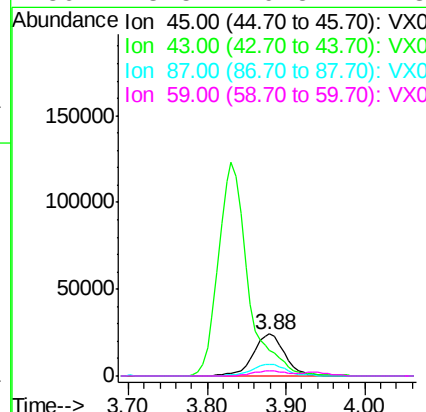
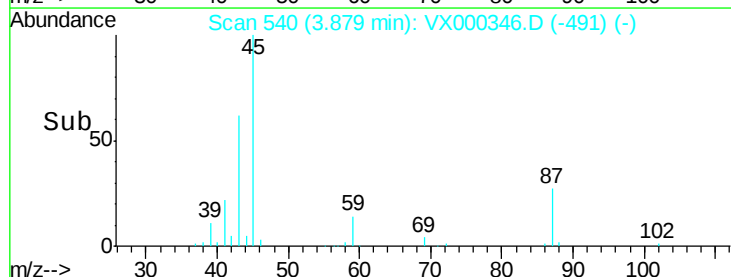
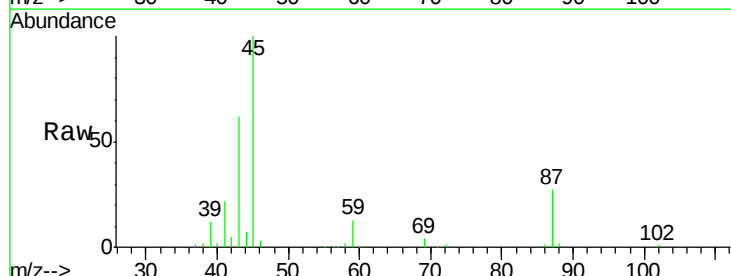
RT: 3.88 min Scan# 540

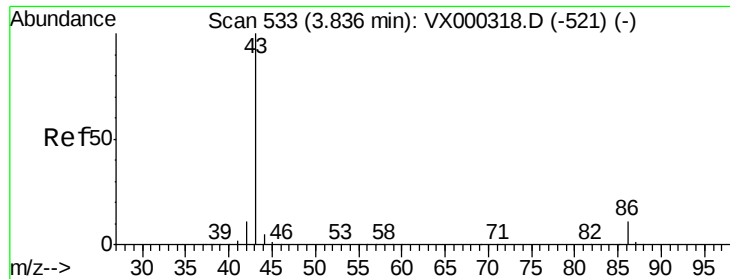
Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Tgt Ion:	45	Resp:	67951
Ion	Ratio	Lower	Upper
45	100		
43	60.0	53.9	80.9
87	26.6	22.6	34.0
59	13.5	9.5	14.3





#23

Vinyl Acetate

Concen: 86.67 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 43 Resp: 325143

Ion Ratio Lower Upper

43 100

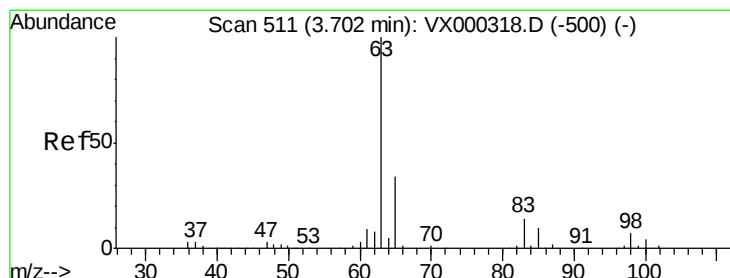
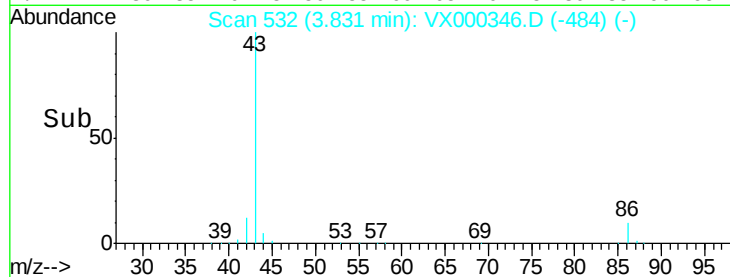
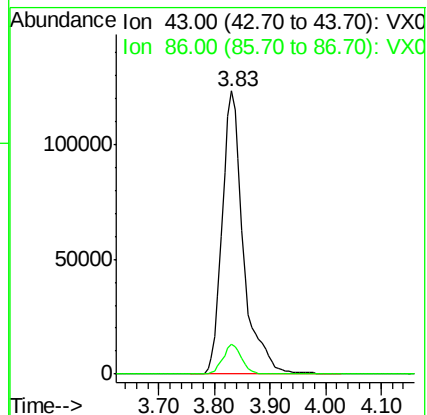
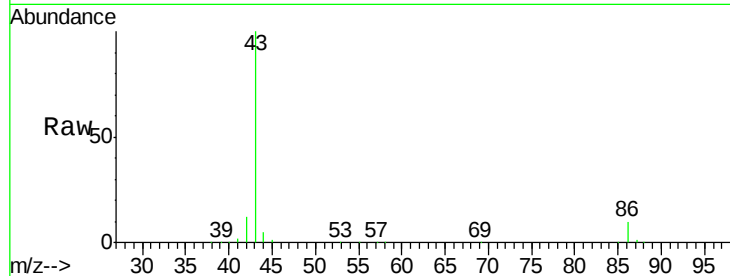
86 10.4 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 19.49 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

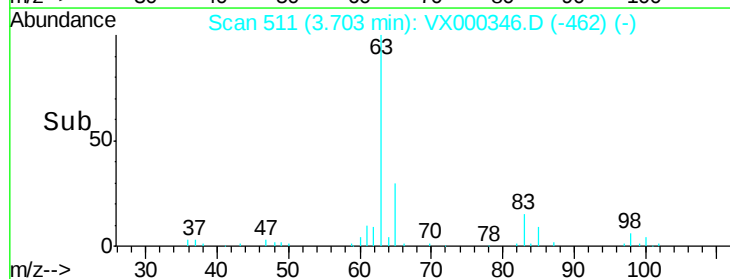
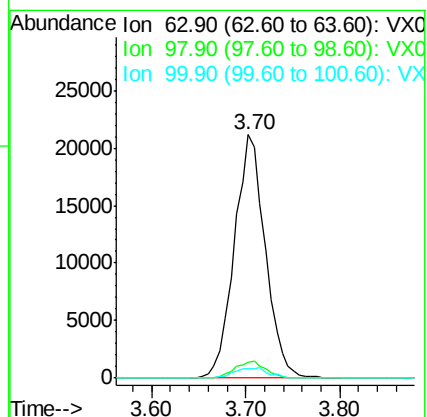
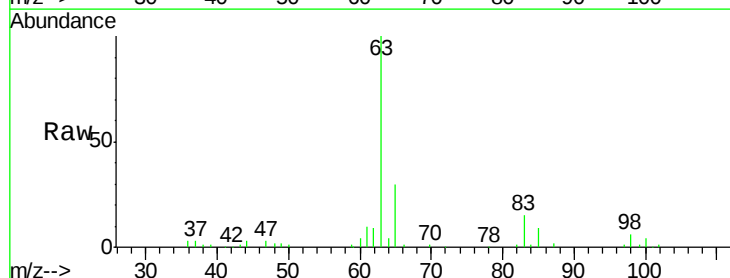
Tgt Ion: 63 Resp: 48263

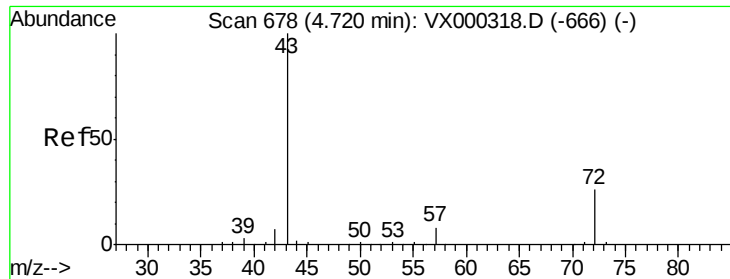
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 4.0 2.0 5.8





#25

2-Butanone

Concen: 97.76 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

VX0316MBS01

Tgt Ion: 43 Resp: 131134

Ion Ratio Lower Upper

43 100

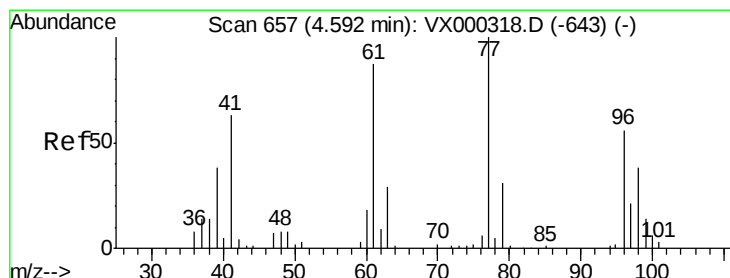
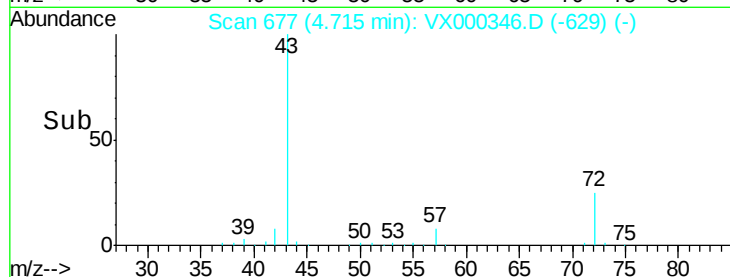
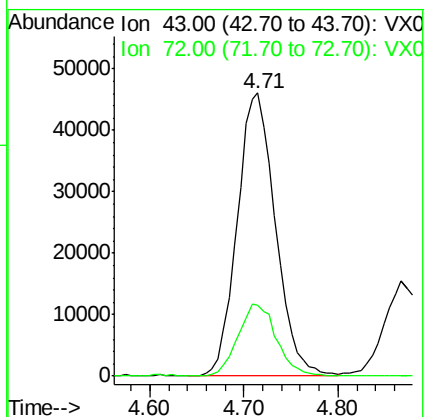
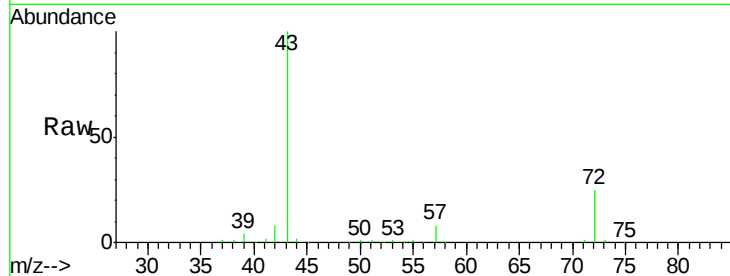
72 25.0 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.67 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000346.D

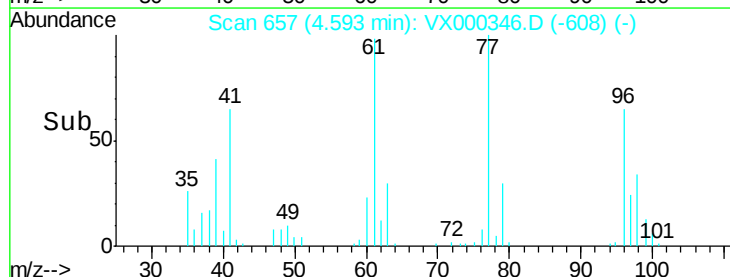
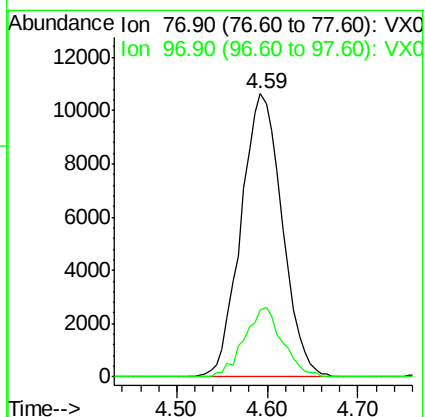
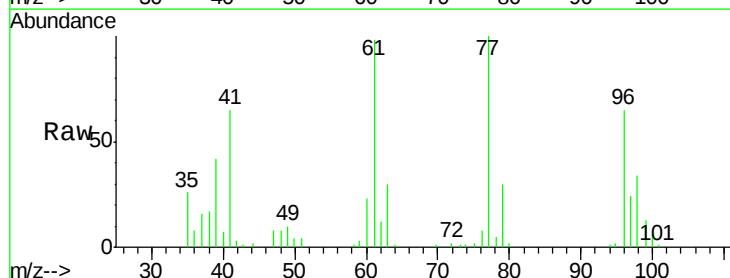
Acq: 16 Mar 2018 14:14

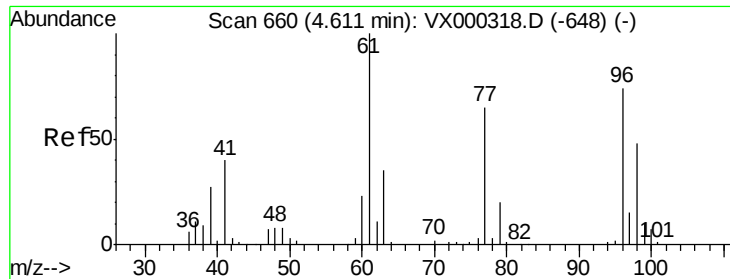
Tgt Ion: 77 Resp: 33366

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8





#27

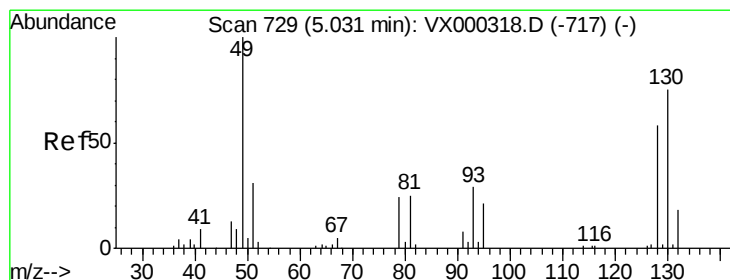
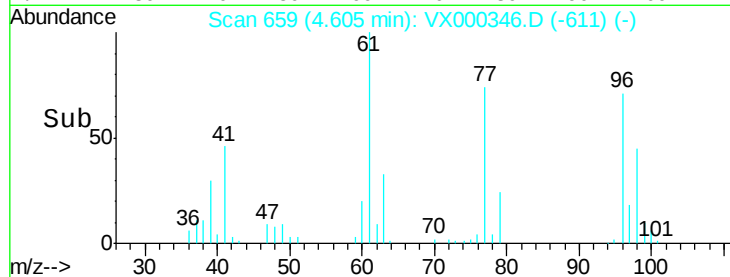
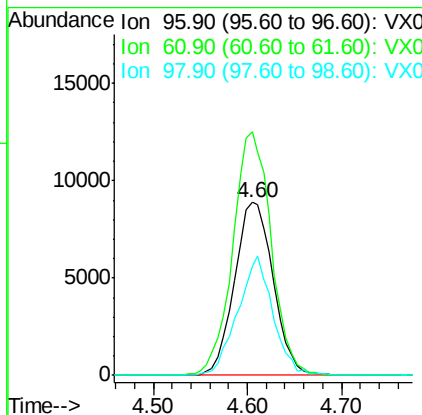
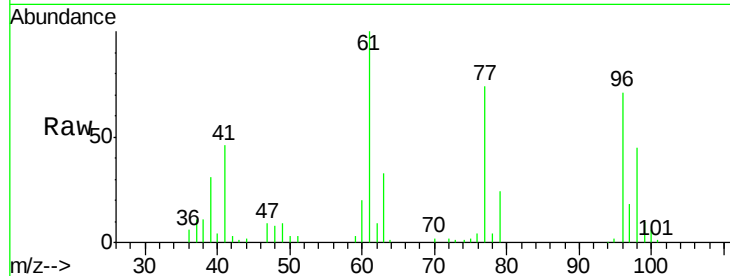
cis-1,2-Dichloroethene
Concen: 19.08 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	291.6
98	62.6	0.0	132.0

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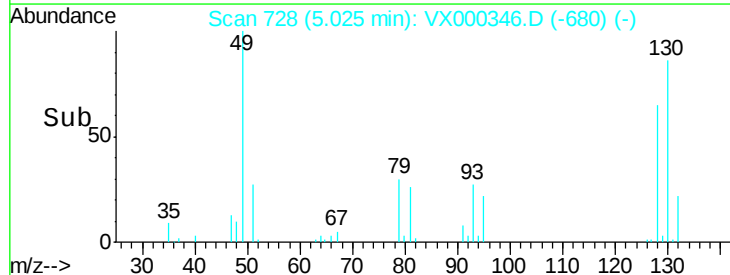
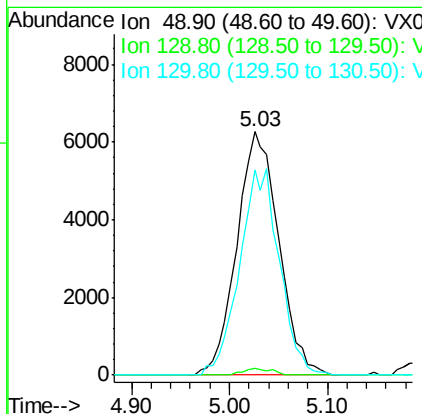
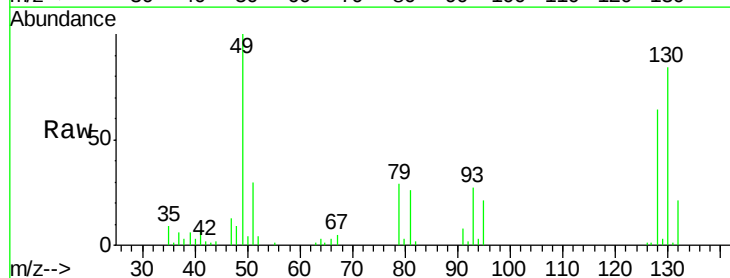
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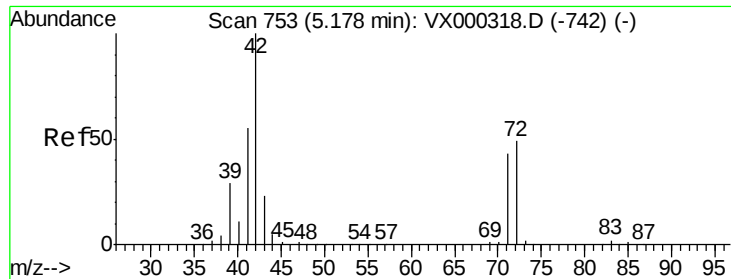


#28

Bromochloromethane
Concen: 17.97 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	5.0
130	80.4	64.0	96.0





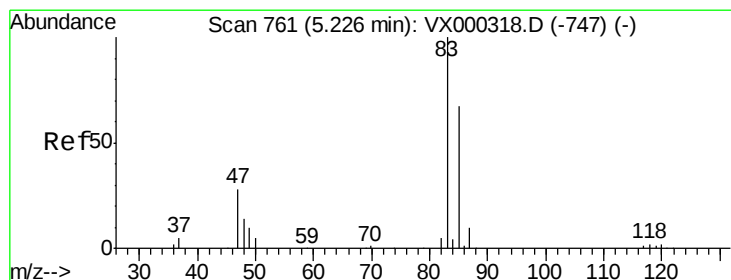
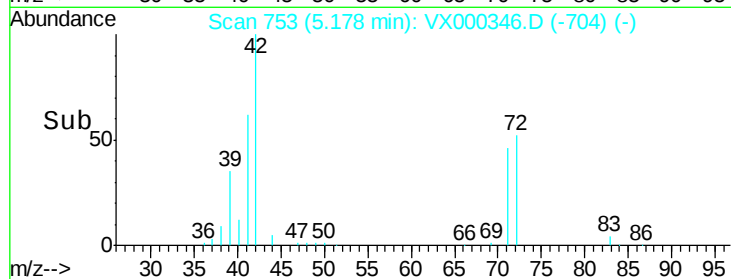
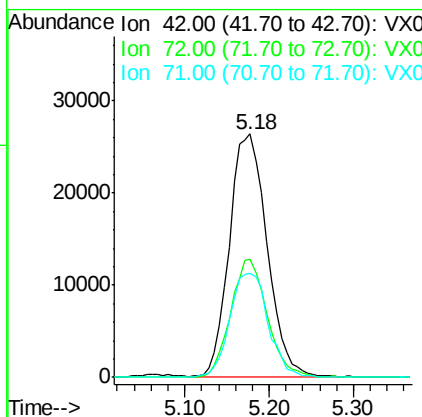
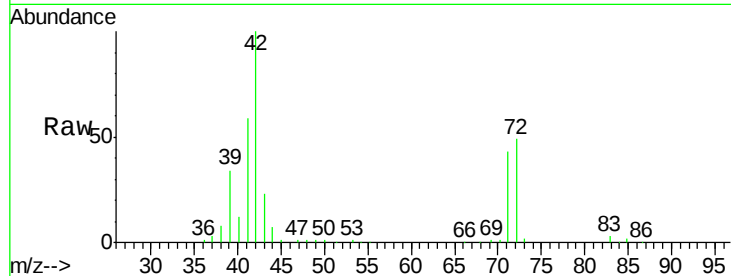
#29
Tetrahydrofuran
Concen: 93.22 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.9	56.9
71	43.6	34.4	51.6

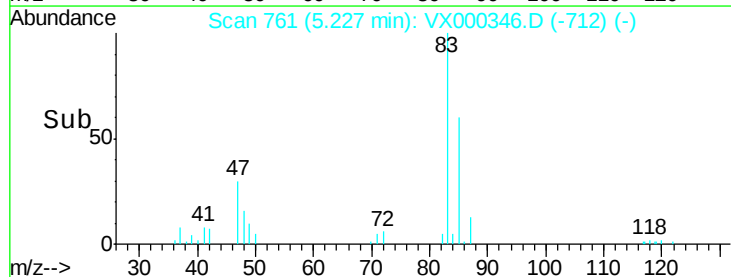
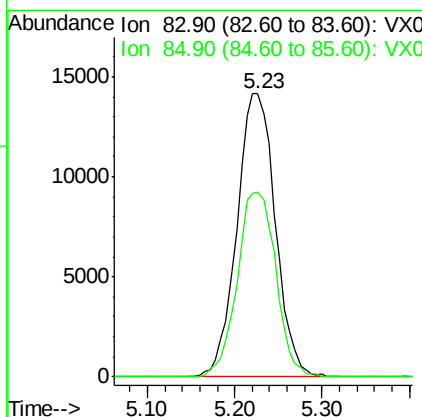
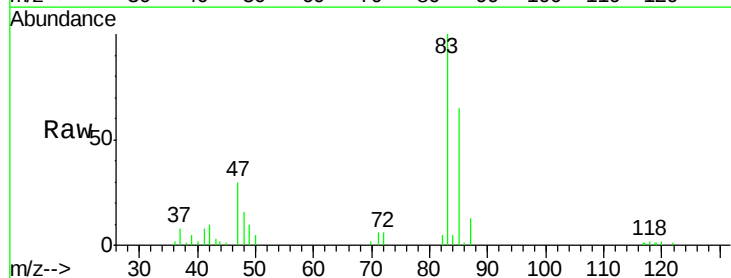
Manual Integrations
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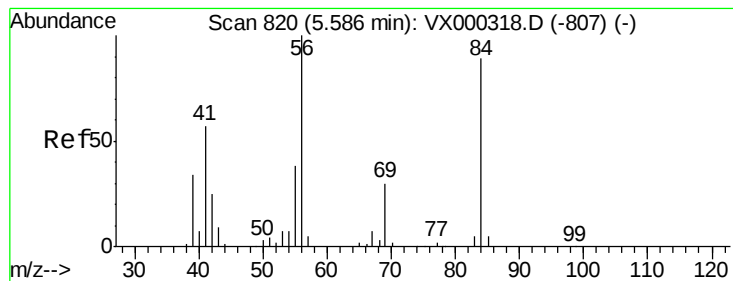
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#30
Chloroform
Concen: 18.49 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	53.3	79.9





#31

Cyclohexane

Concen: 19.03 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

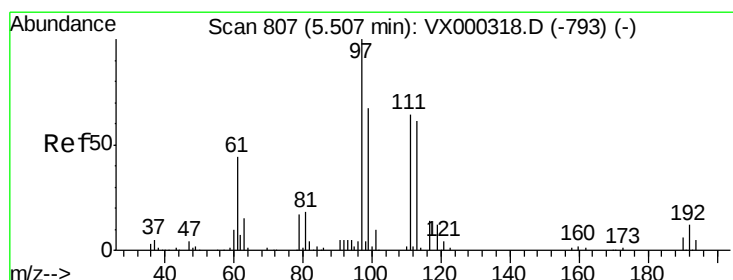
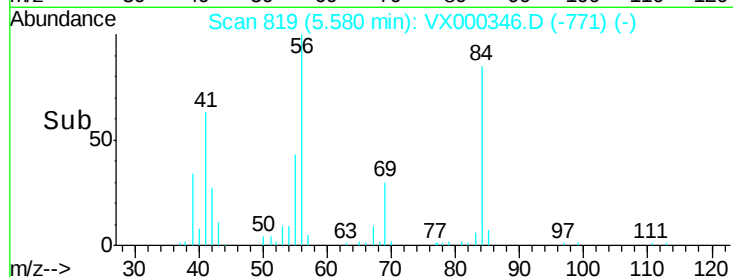
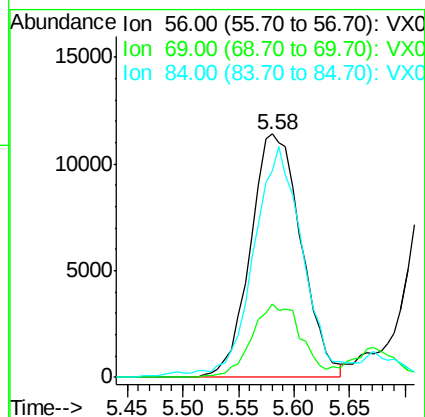
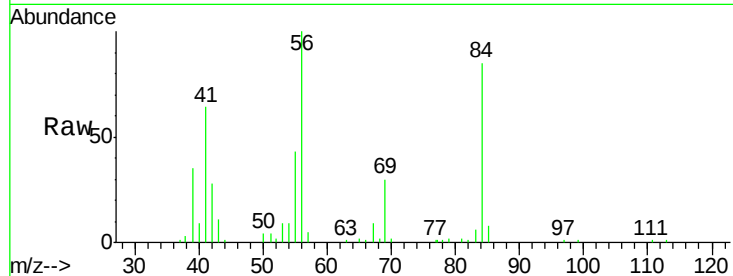
ClientSampleId :

VX0316MBS01

Tgt Ion:	56	Resp:	36164
Ion Ratio	Lower	Upper	
56	100		
69	30.2	23.4	35.0
84	82.9	71.0	106.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.71 ug/l

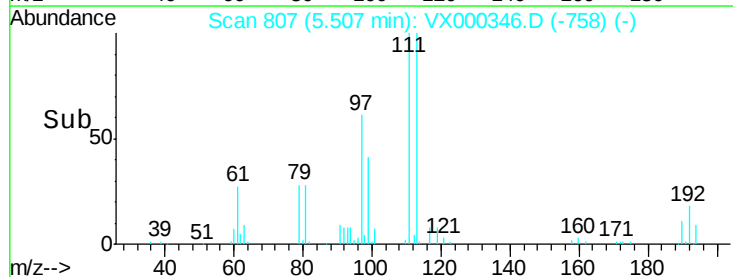
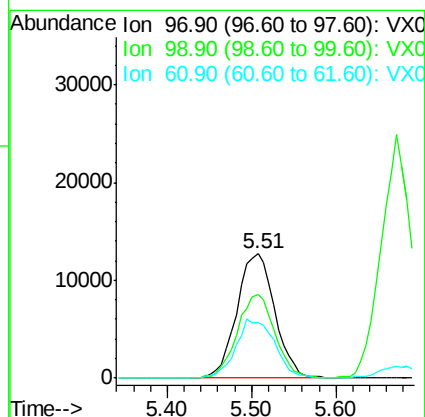
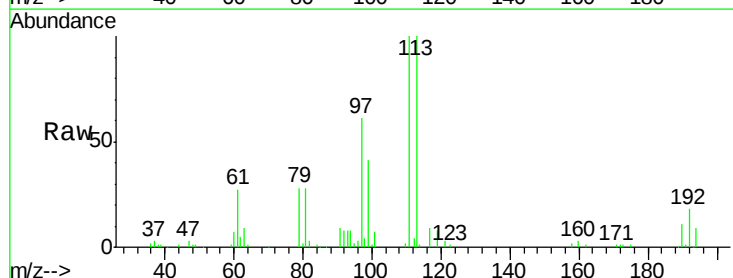
RT: 5.51 min Scan# 807

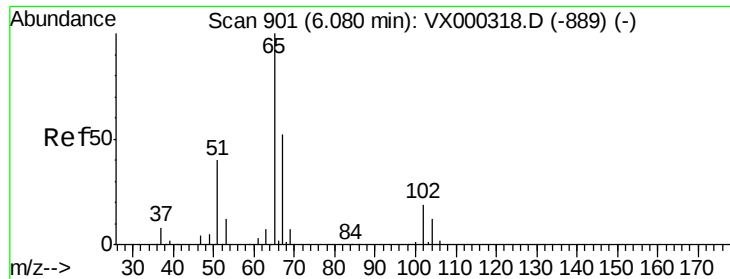
Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Tgt Ion:	97	Resp:	38656
Ion Ratio	Lower	Upper	
97	100		
99	67.1	52.1	78.1
61	48.2	36.2	54.4





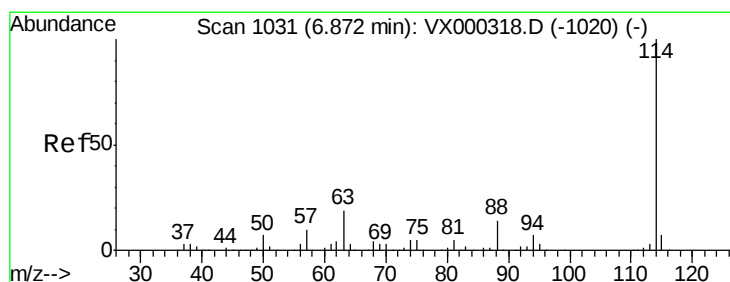
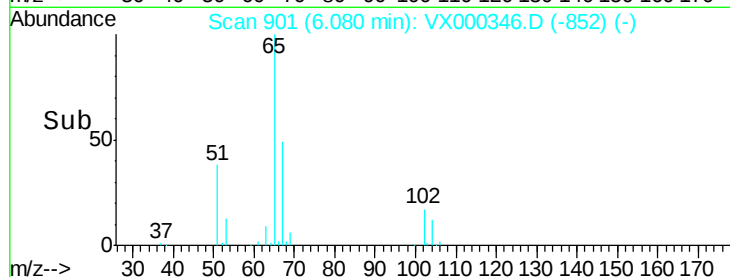
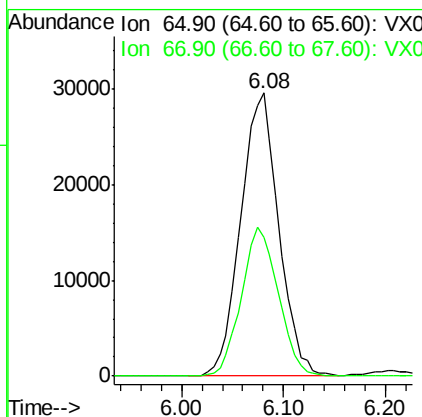
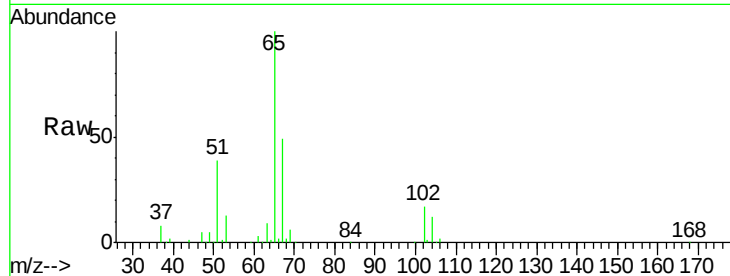
#33
 1,2-Dichloroethane-d4
 Concen: 45.60 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01

Tgt Ion: 65 Resp: 76644
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.2

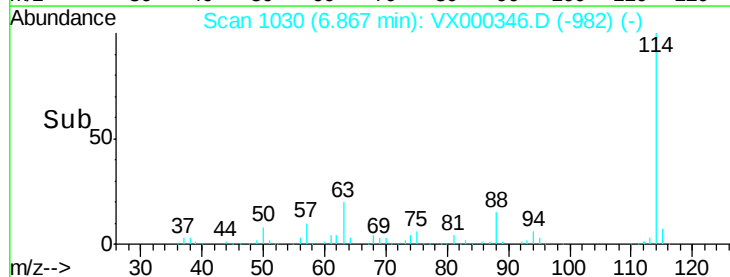
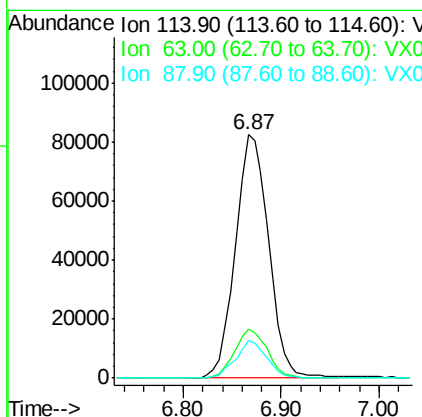
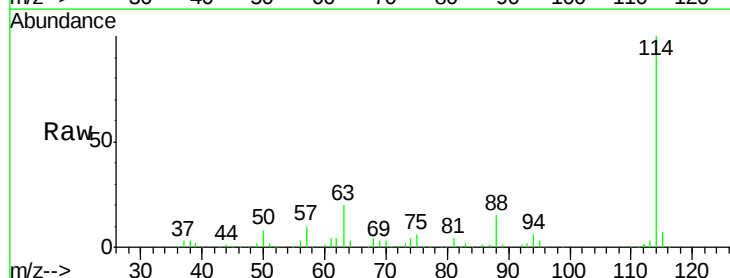
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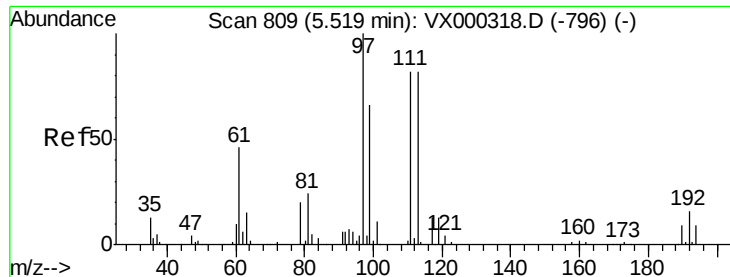
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Tgt Ion: 114 Resp: 194479
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.4
 88 15.3 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.15 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

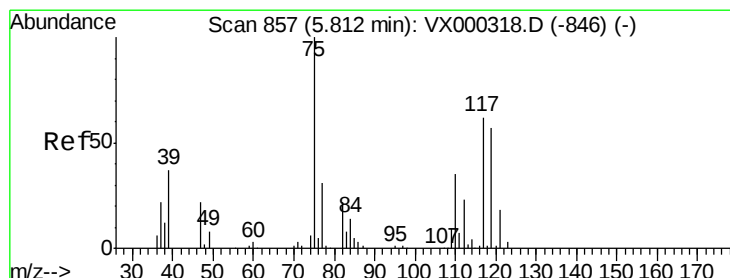
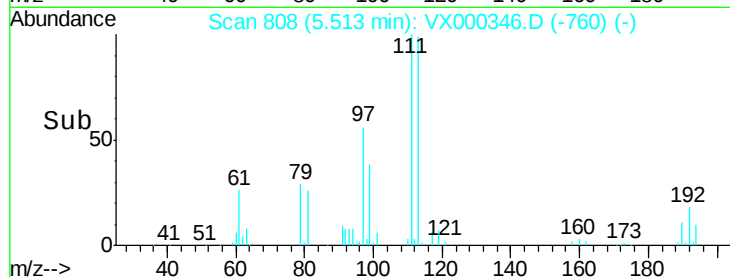
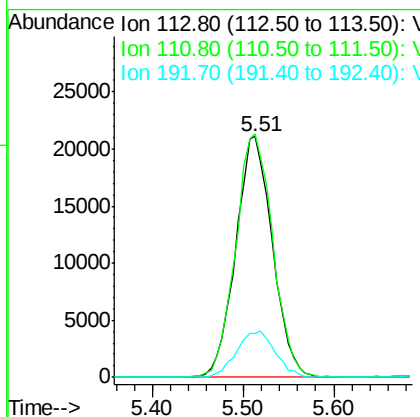
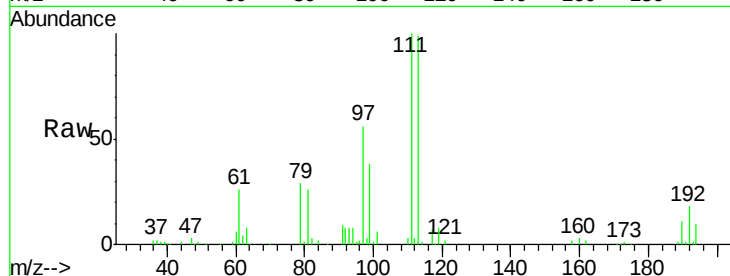
ClientSampleId :

VX0316MBS01

Tgt Ion:	113	Resp:	59083
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	20.1	15.8	23.6

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#36

1,1-Dichloropropene

Concen: 18.45 ug/l

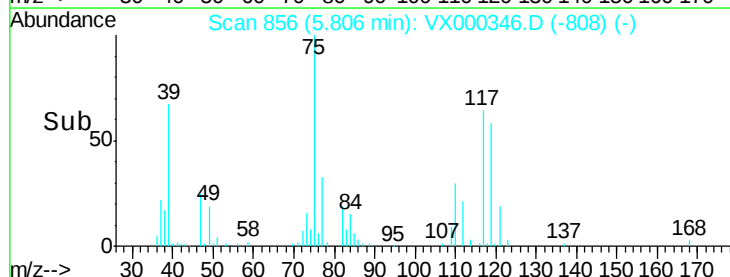
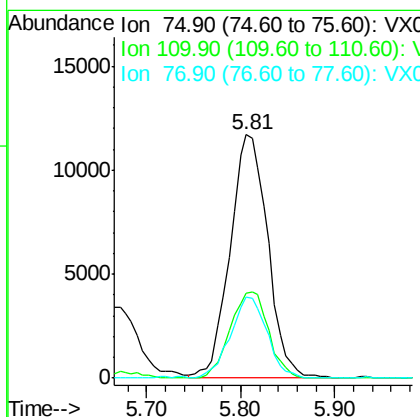
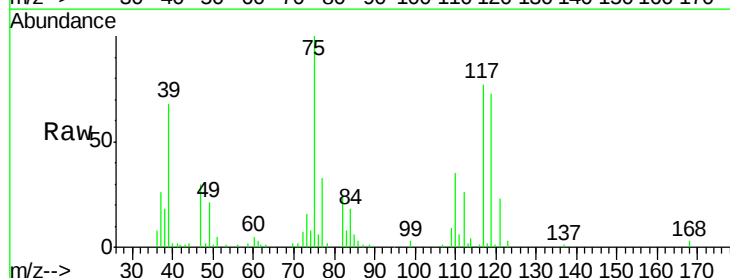
RT: 5.81 min Scan# 856

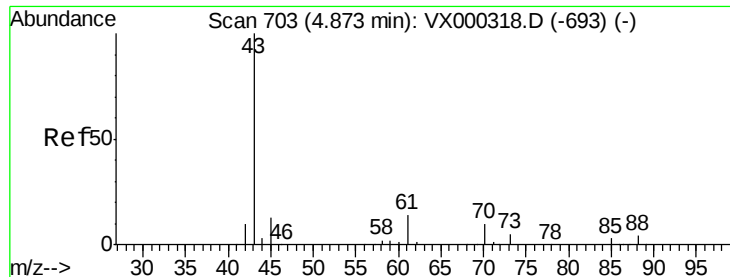
Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Tgt Ion:	75	Resp:	32606
Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.9	53.7
77	32.3	24.0	36.0





#37

Ethyl Acetate

Concen: 18.91 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

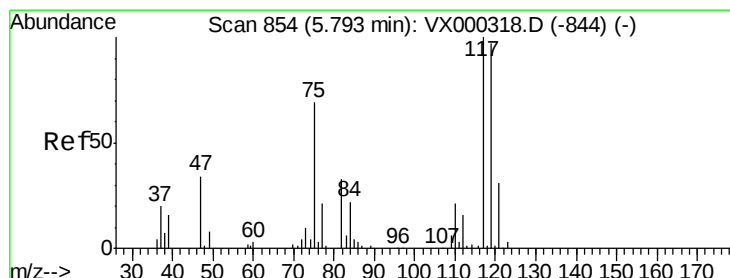
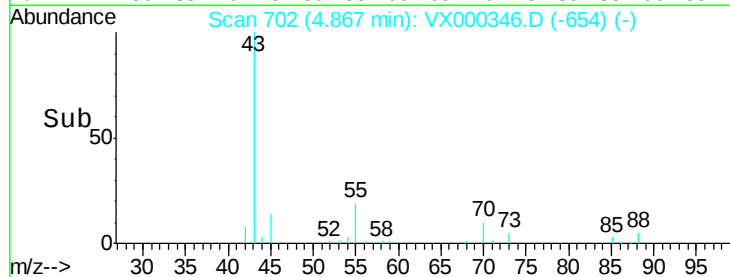
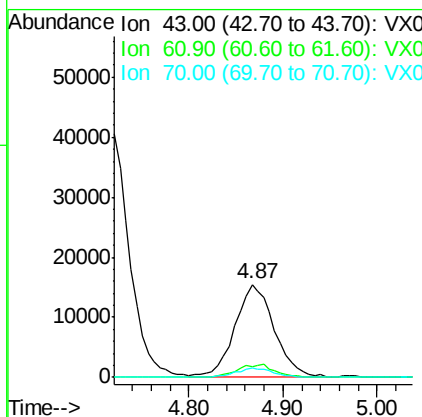
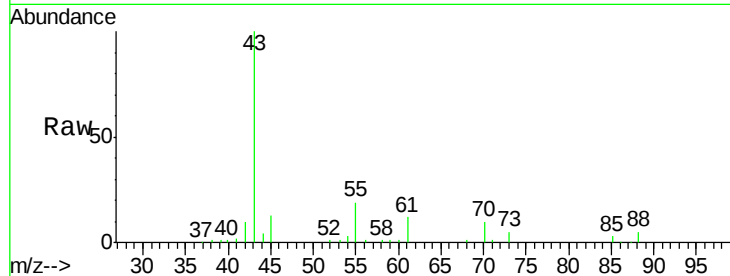
ClientSampleId :

VX0316MBS01

Tgt Ion:	43	Resp:	44400
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.1	16.7
70	9.6	7.7	11.5

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 19.22 ug/l

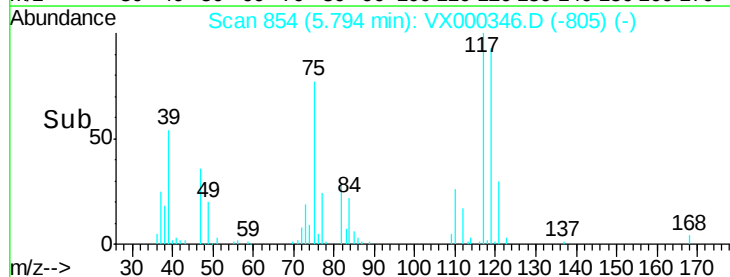
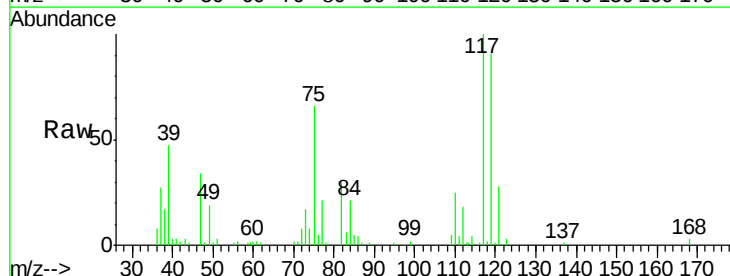
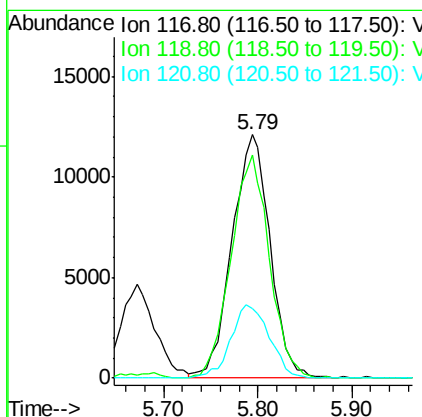
RT: 5.79 min Scan# 854

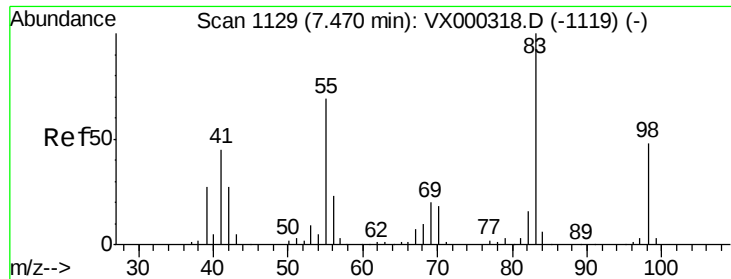
Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Tgt Ion:	117	Resp:	34234
Ion	Ratio	Lower	Upper
117	100		
119	91.4	77.4	116.2
121	28.4	24.8	37.2





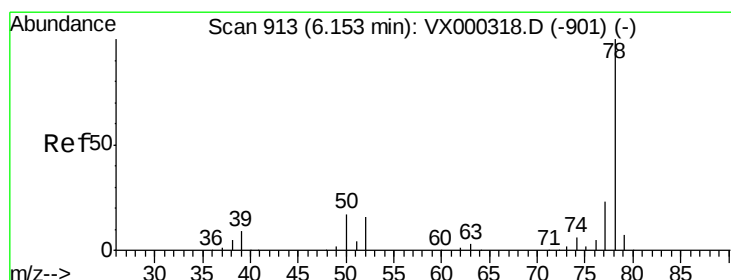
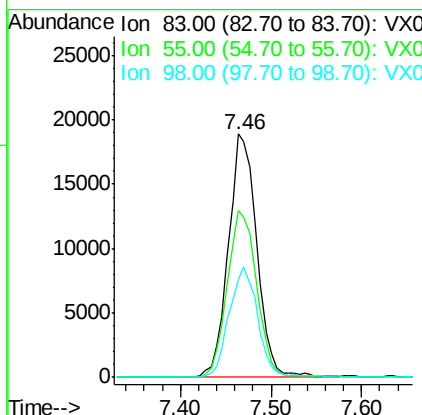
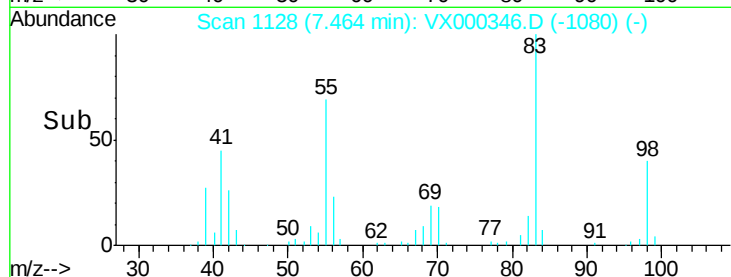
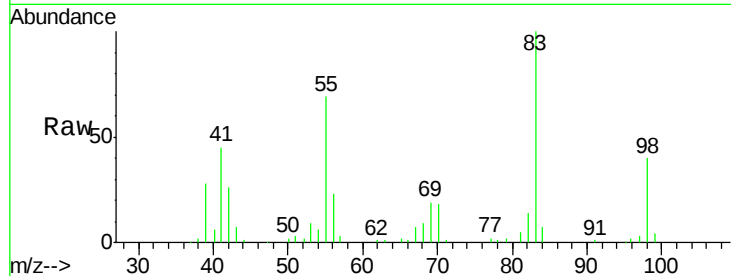
#39
Methylcyclohexane
Concen: 19.97 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 83 Resp: 41165
Ion Ratio Lower Upper
83 100
55 68.7 55.5 83.3
98 40.3 38.2 57.4

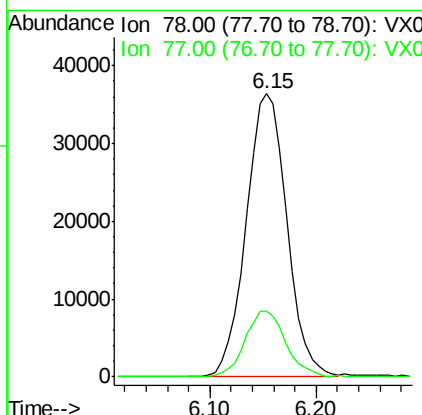
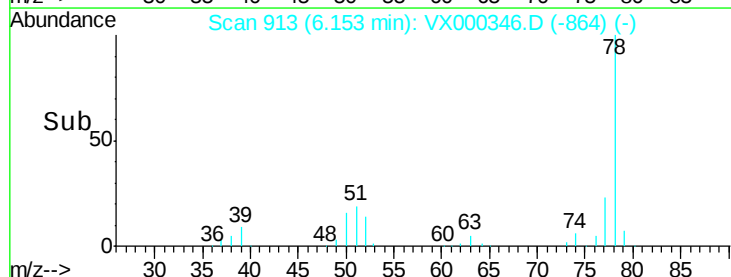
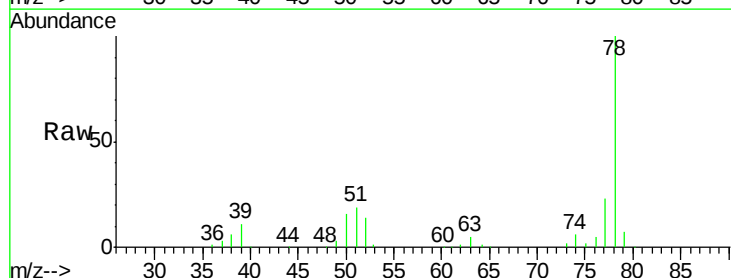
Manual Integrations
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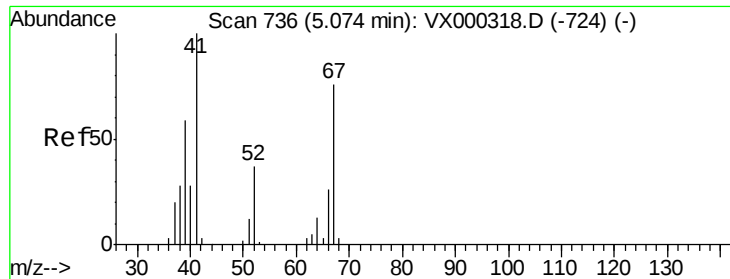
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#40
Benzene
Concen: 19.49 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 78 Resp: 97725
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1





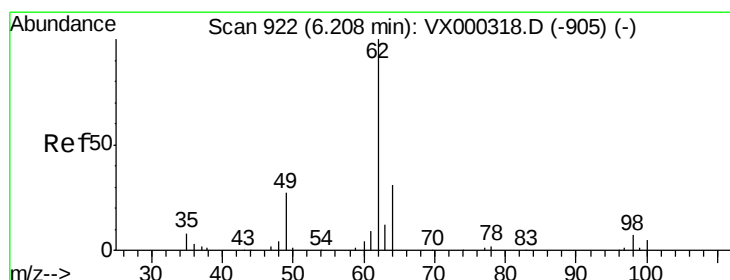
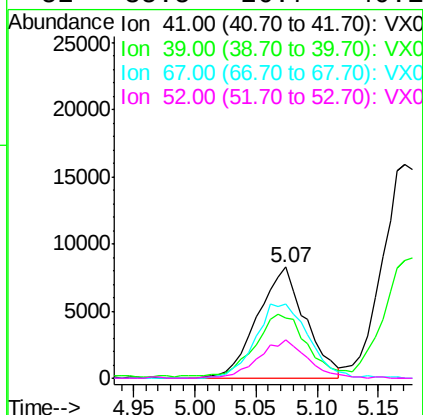
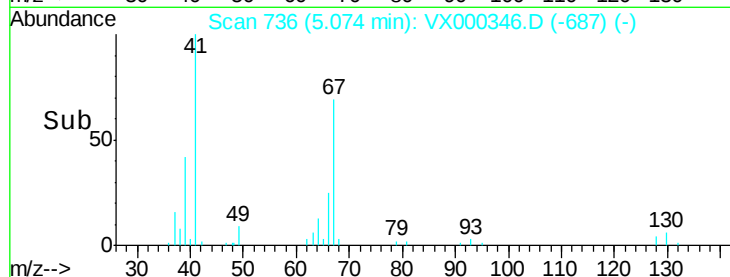
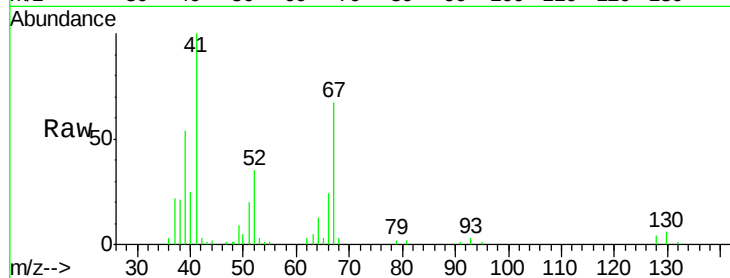
#41
Methacrylonitrile
Concen: 18.23 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.3	45.7	68.5
67	74.3	57.8	86.8
52	35.5	26.7	40.1

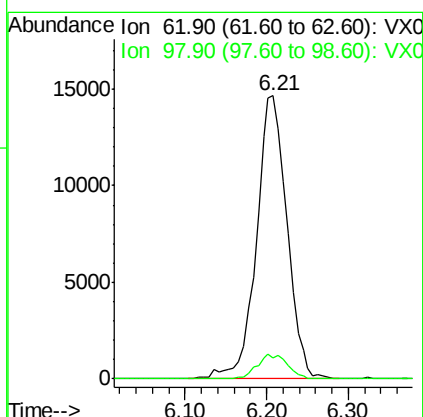
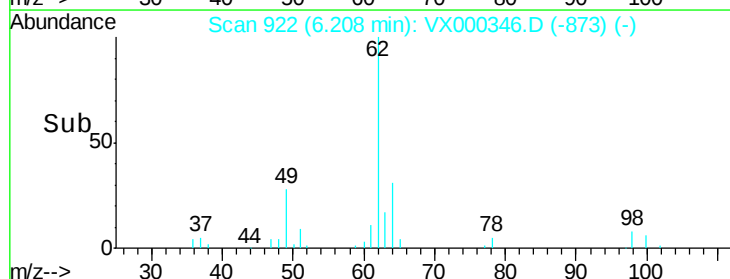
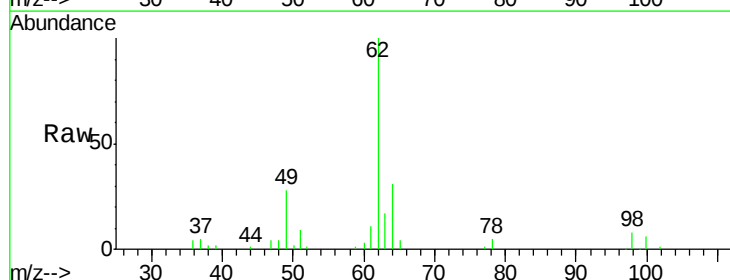
Manual Integrations
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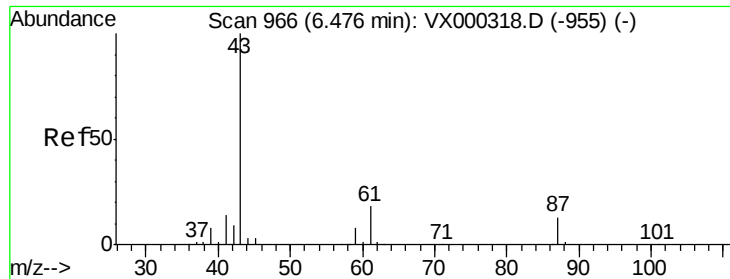
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#42
1,2-Dichloroethane
Concen: 19.25 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	15.8





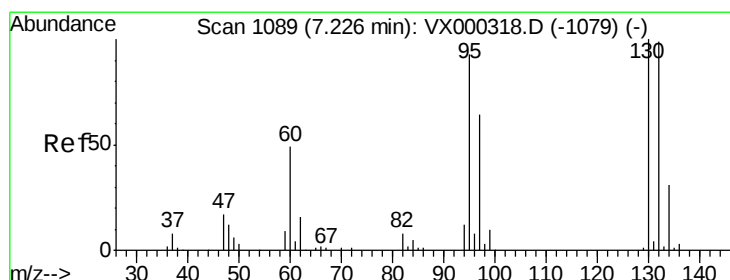
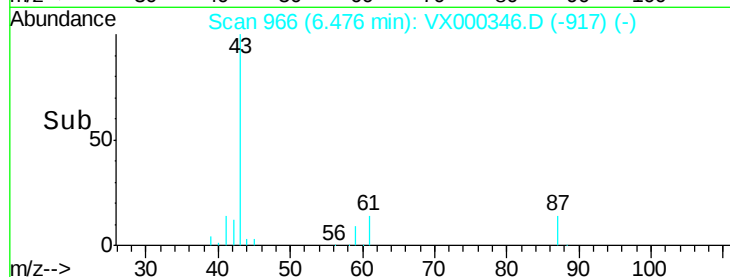
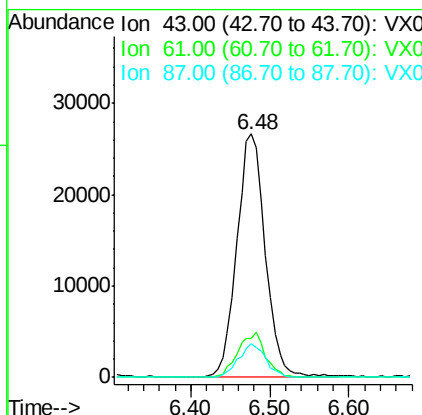
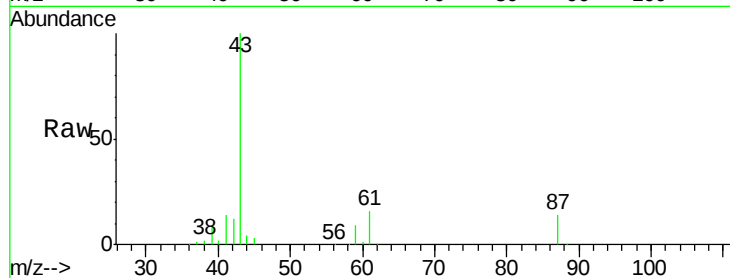
#43
Isopropyl Acetate
Concen: 19.76 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.4	21.6
87	13.2	11.0	16.4

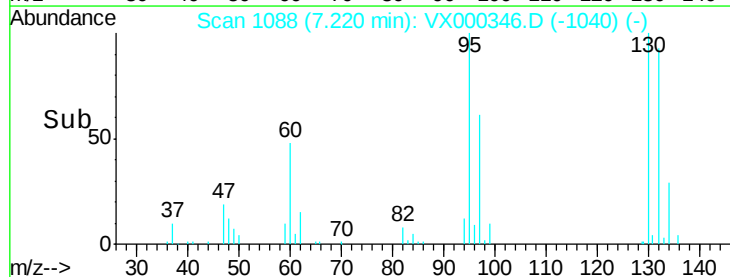
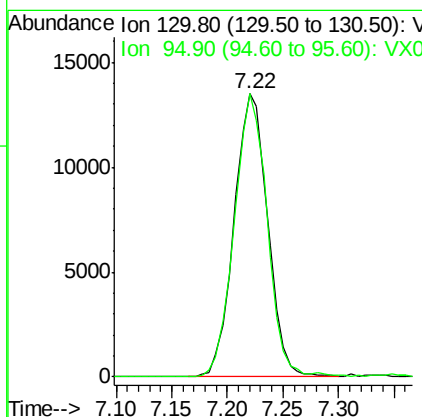
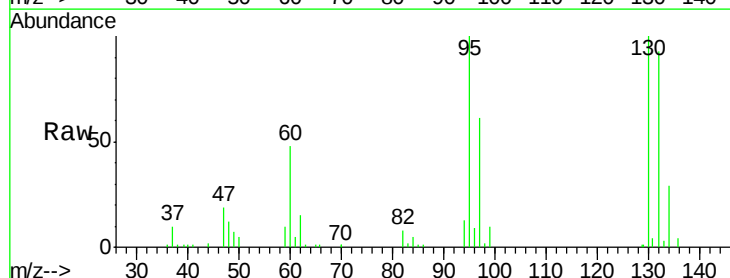
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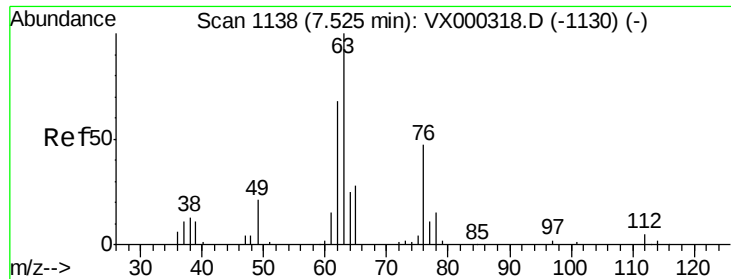
apatel
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#44
Trichloroethene
Concen: 19.42 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	186.0





#45

1,2-Dichloropropane

Concen: 21.02 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampled :

VX0316MBS01

Tgt Ion: 63 Resp: 25984

Ion Ratio Lower Upper

63 100

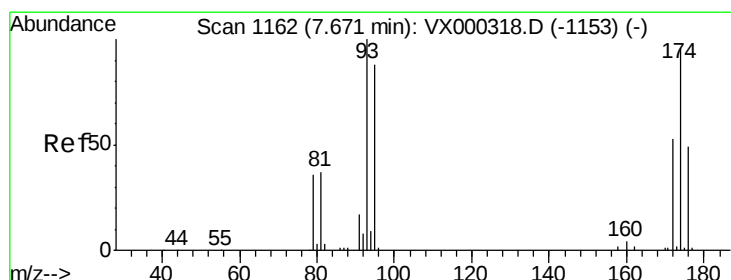
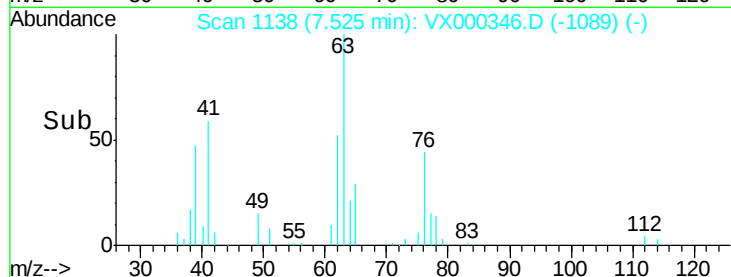
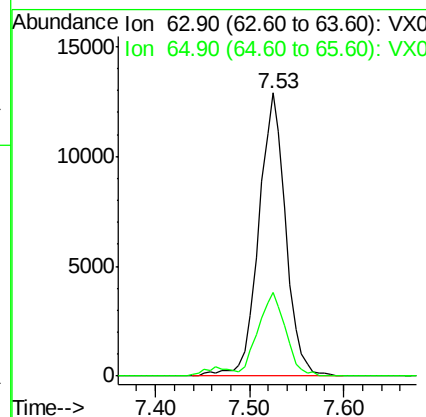
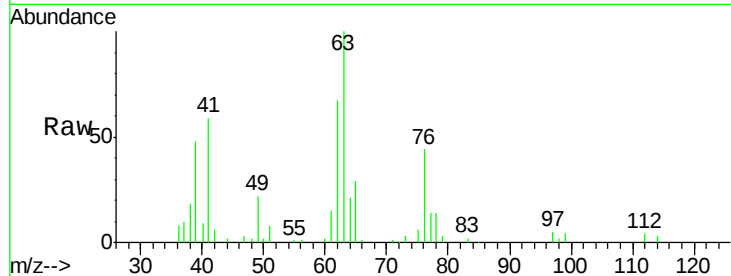
65 29.4 24.6 36.8

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#46

Dibromomethane

Concen: 19.31 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

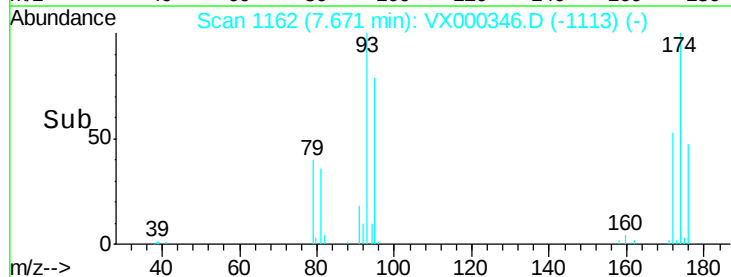
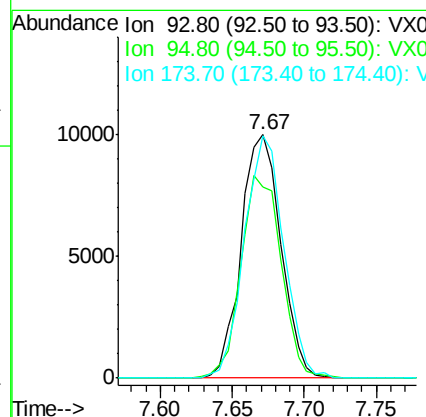
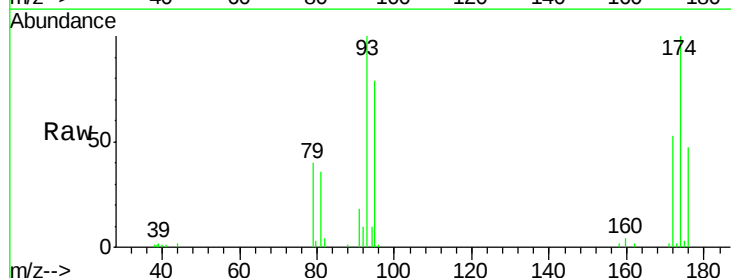
Tgt Ion: 93 Resp: 19176

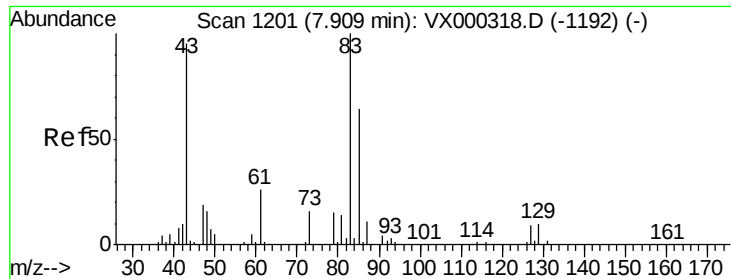
Ion Ratio Lower Upper

93 100

95 84.4 66.5 99.7

174 98.4 76.0 114.0





#47

Bromodichloromethane

Concen: 19.34 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

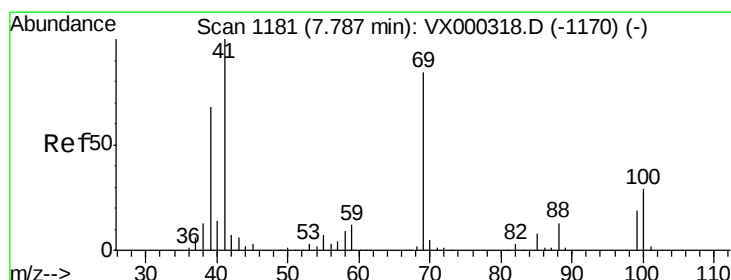
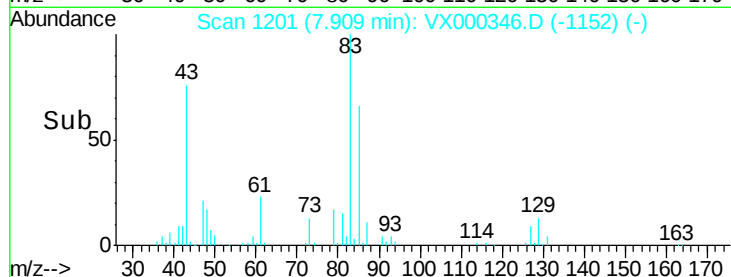
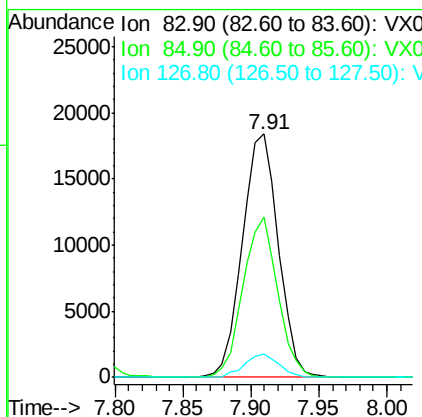
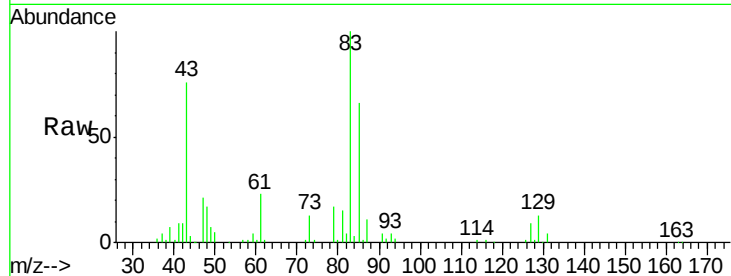
ClientSampleId :

VX0316MBS01

Tgt Ion:	83	Resp:	34093
Ion Ratio	Lower	Upper	
83	100		
85	65.7	51.4	77.0
127	9.4	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.24 ug/l

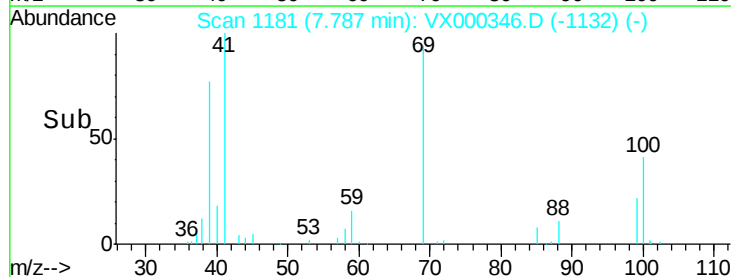
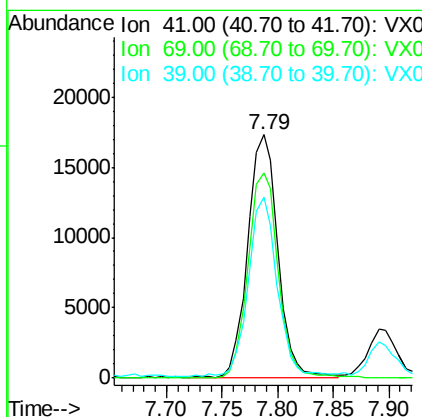
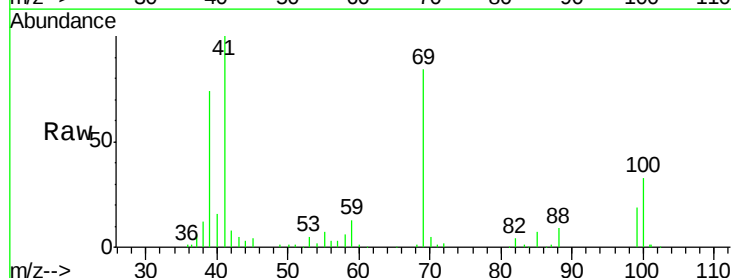
RT: 7.79 min Scan# 1181

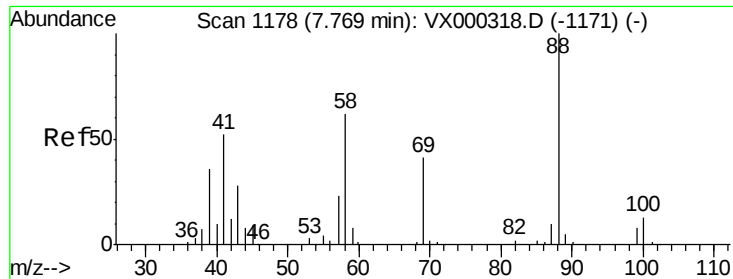
Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Tgt Ion:	41	Resp:	32981
Ion Ratio	Lower	Upper	
41	100		
69	84.4	68.2	102.4
39	70.2	54.6	81.8





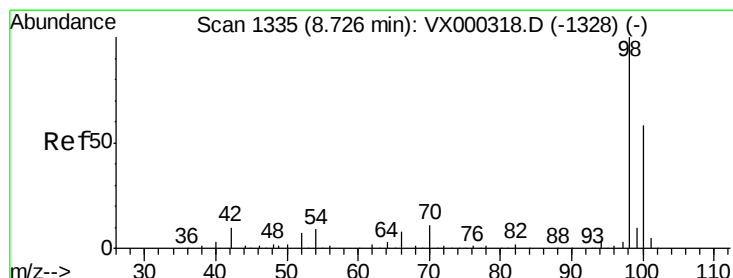
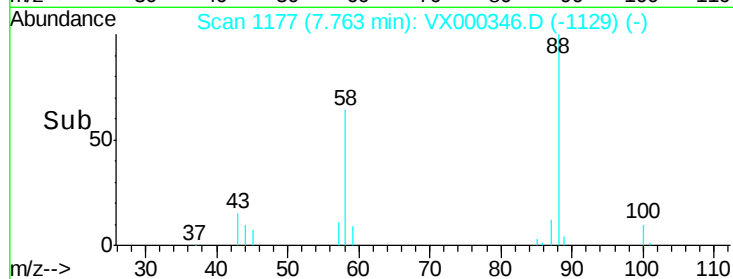
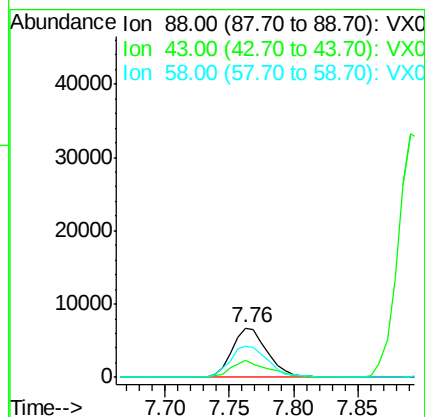
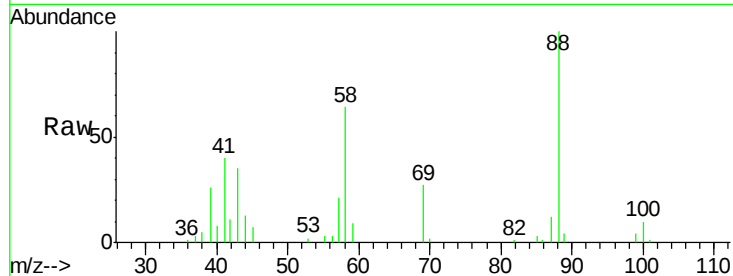
#49
 1,4-Dioxane
 Concen: 329.57 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.1	26.8	40.2
58	67.9	52.2	78.2

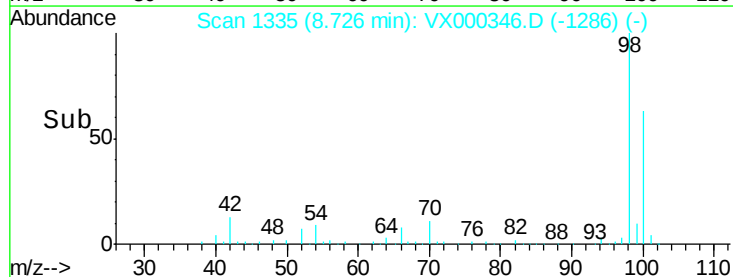
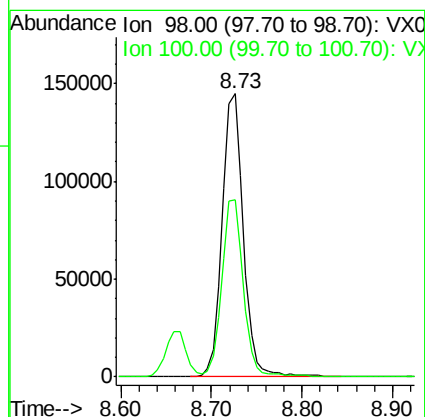
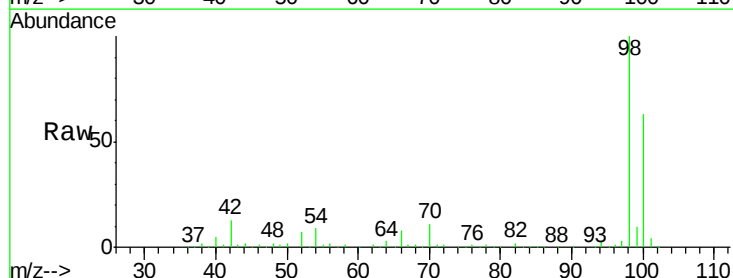
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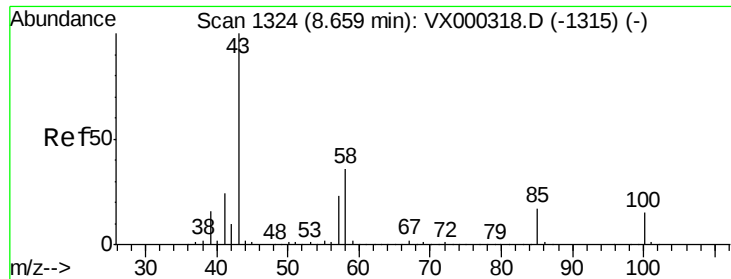
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#50
 Toluene-d8
 Concen: 46.36 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 98.39 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 43 Resp: 258991

Ion Ratio Lower Upper

43 100

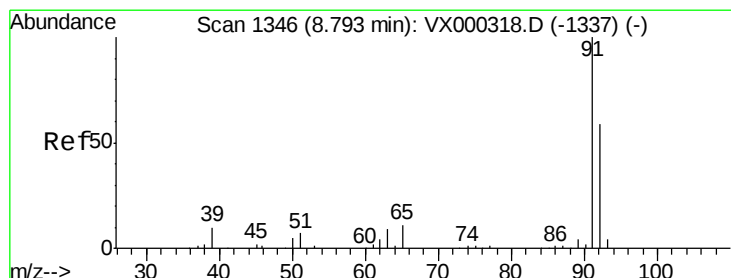
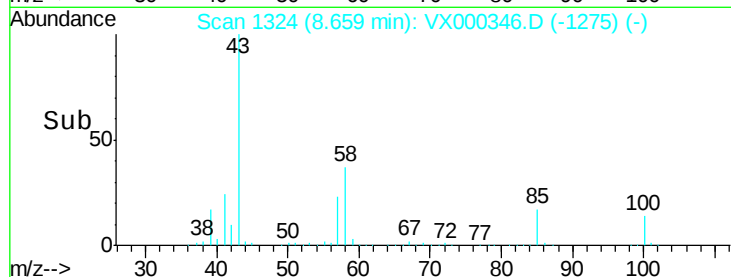
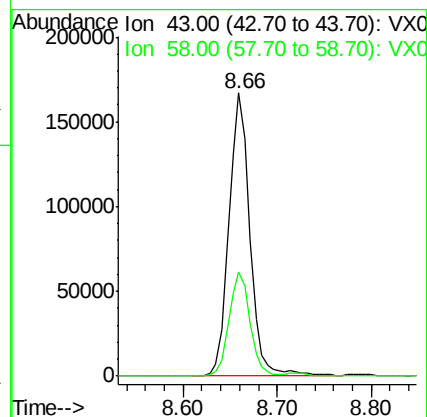
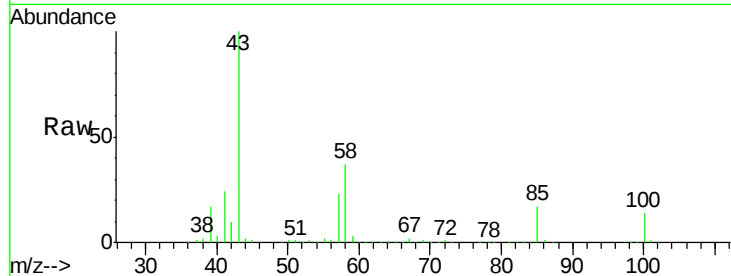
58 36.5 30.3 45.5

Manual Integrations

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#52

Toluene

Concen: 19.12 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000346.D

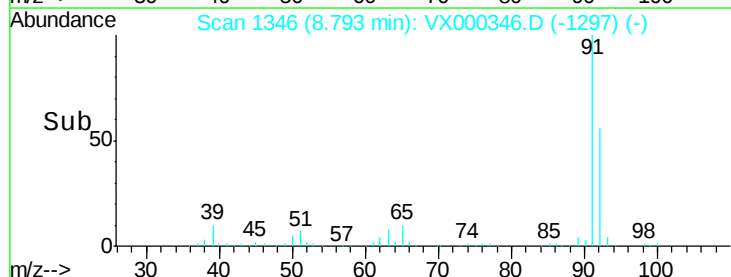
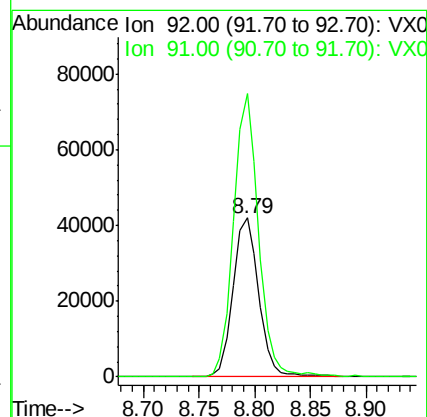
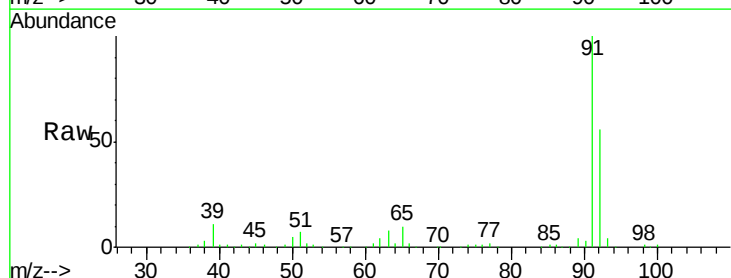
Acq: 16 Mar 2018 14:14

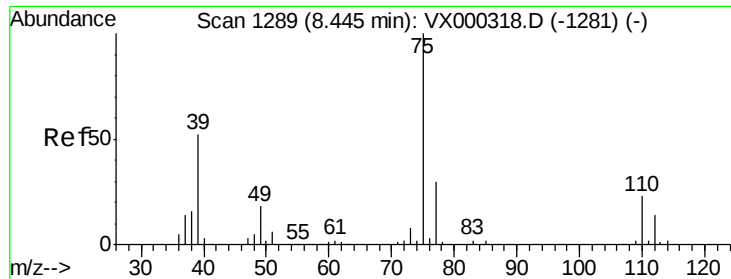
Tgt Ion: 92 Resp: 67349

Ion Ratio Lower Upper

92 100

91 173.0 140.2 210.2





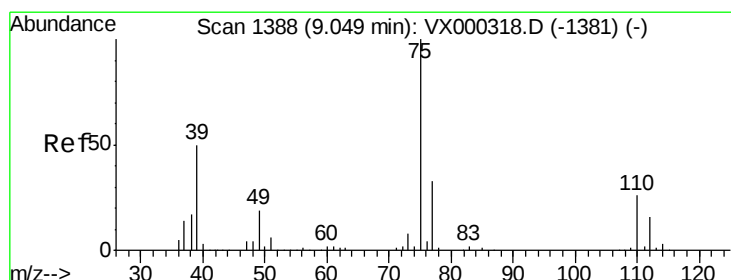
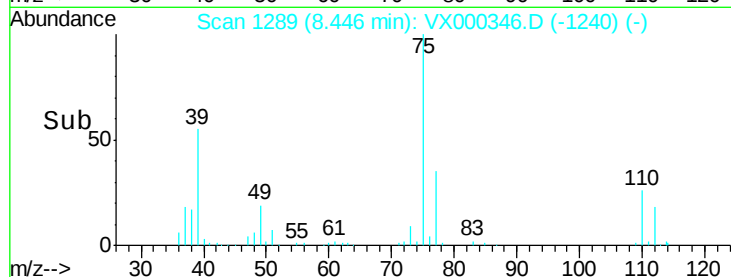
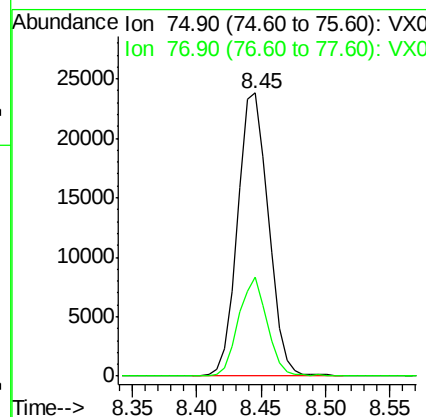
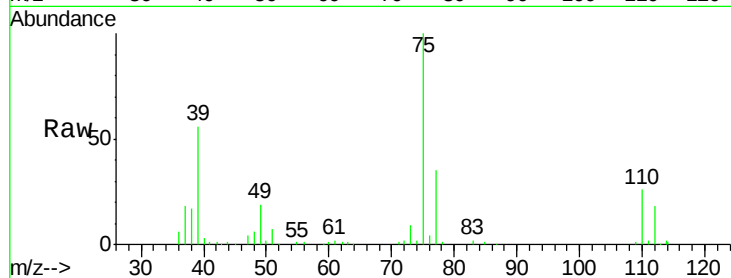
#53
t-1,3-Dichloropropene
Concen: 19.49 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 75 Resp: 39649
Ion Ratio Lower Upper
75 100
77 35.2 24.0 36.0

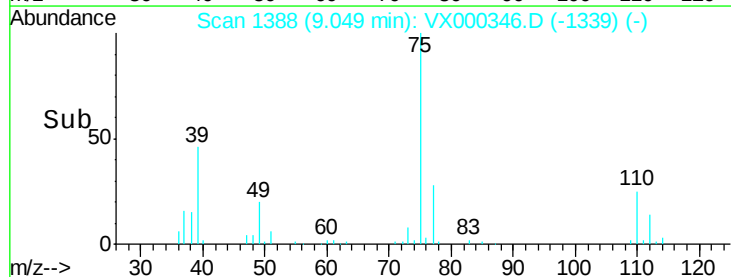
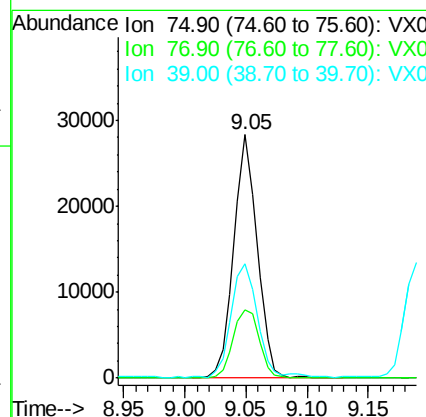
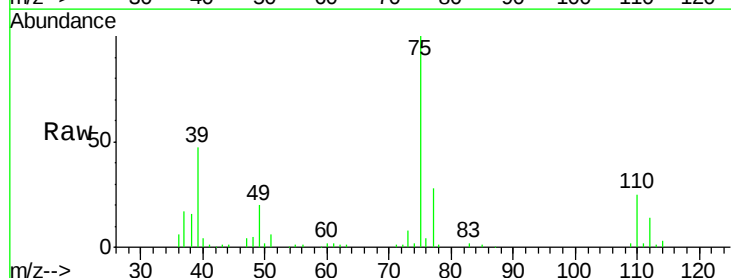
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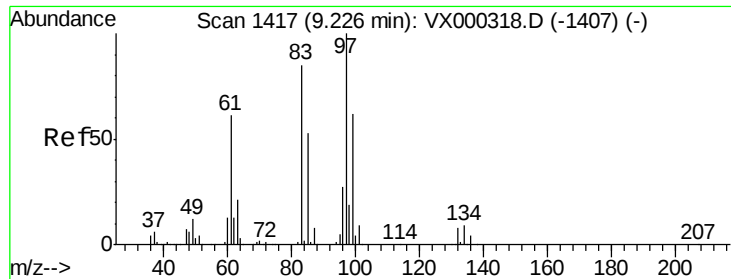
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#54
cis-1,3-Dichloropropene
Concen: 18.85 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 75 Resp: 37500
Ion Ratio Lower Upper
75 100
77 28.2 26.1 39.1
39 46.6 39.8 59.6





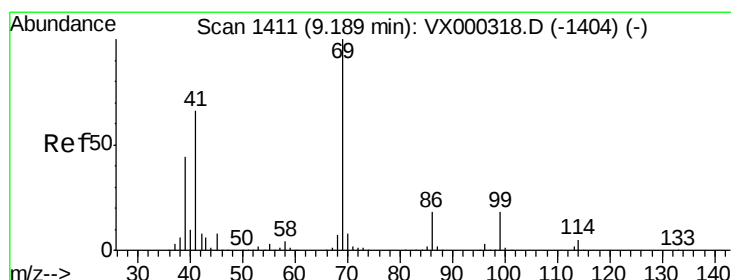
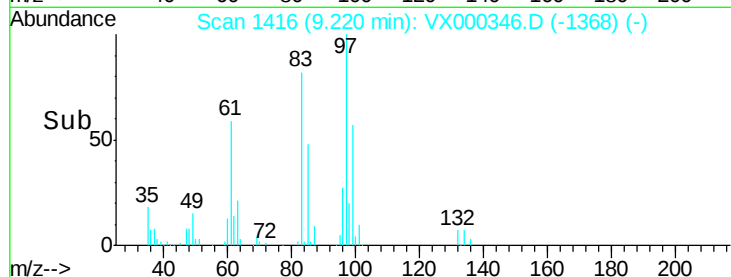
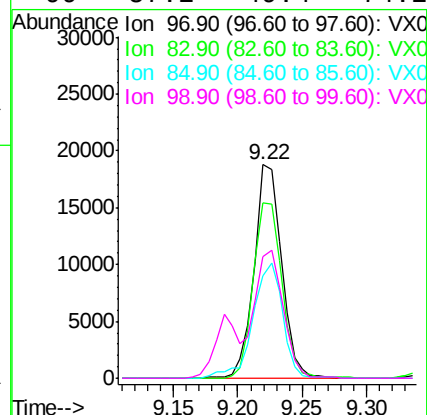
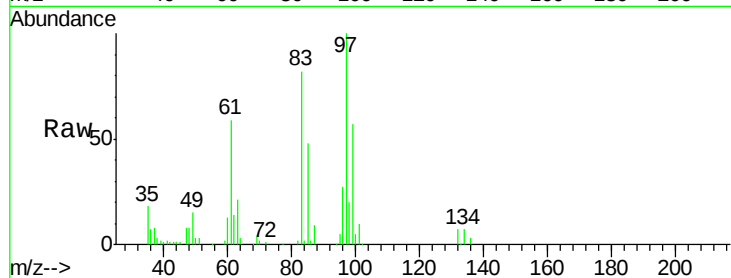
#55
1,1,2-Trichloroethane
Concen: 19.52 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.9	101.9
85	47.9	42.8	64.2
99	57.2	49.4	74.2

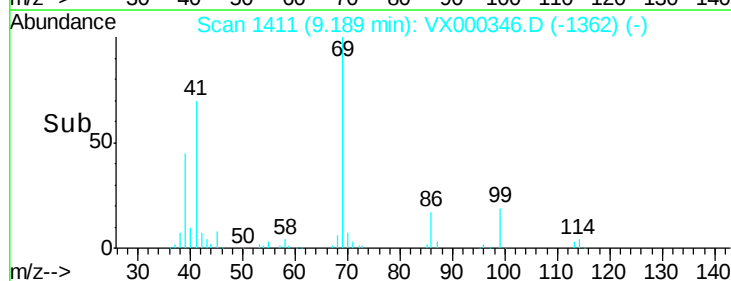
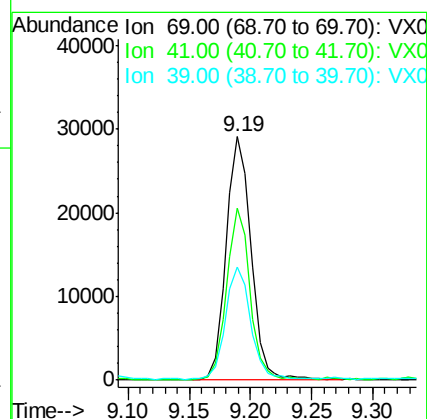
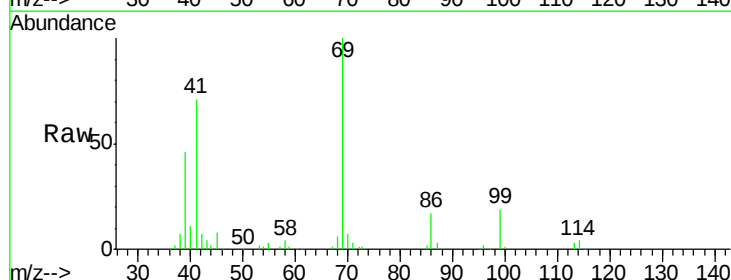
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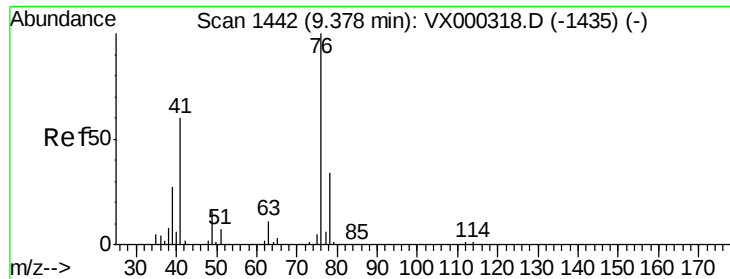
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#56
Ethyl methacrylate
Concen: 19.73 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.7	53.0	79.6
39	46.1	35.3	52.9





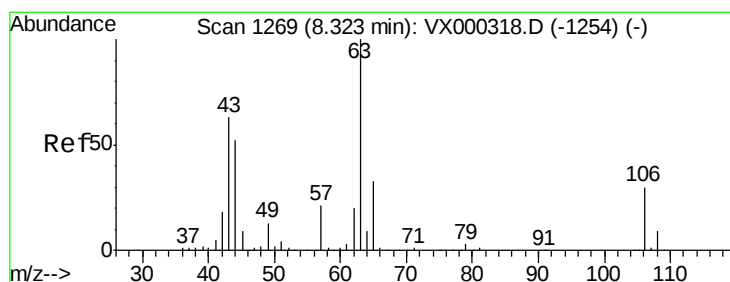
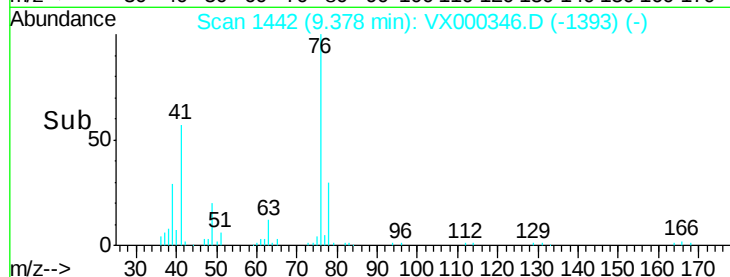
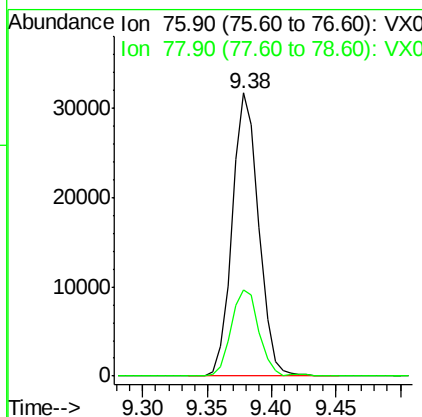
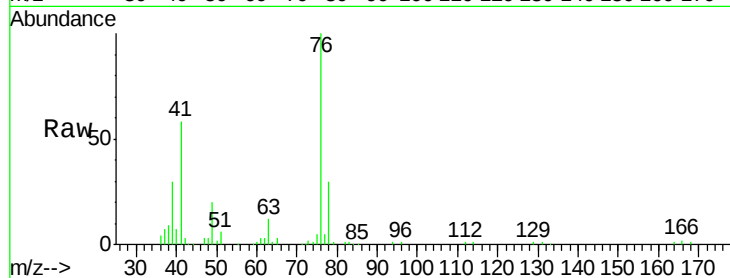
#57
 1,3-Dichloropropane
 Concen: 19.87 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01

Tgt Ion: 76 Resp: 45477
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.4 39.6

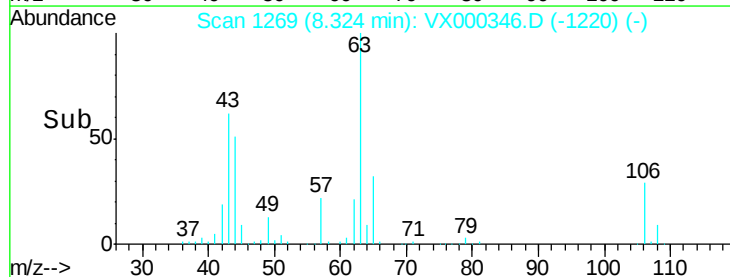
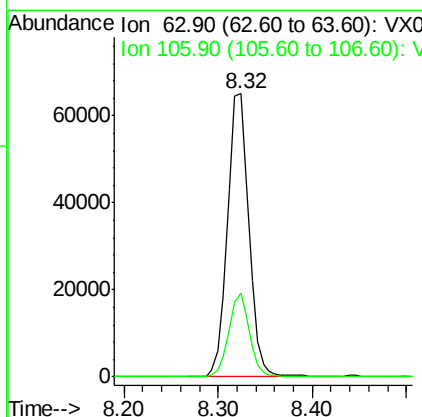
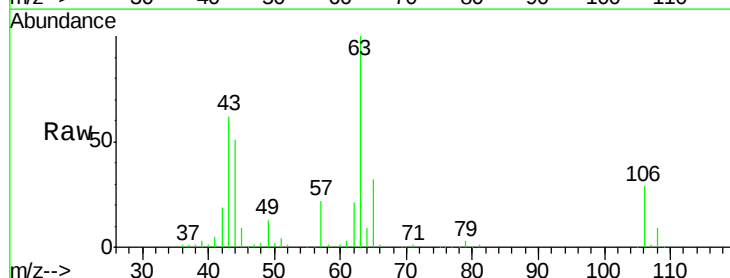
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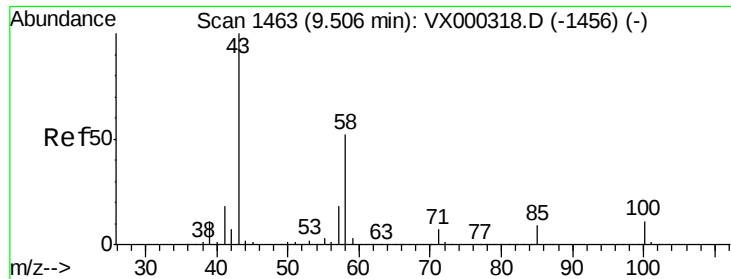
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#58
 2-Chloroethyl Vinyl ether
 Concen: 118.91 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Tgt Ion: 63 Resp: 103256
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.2 34.8





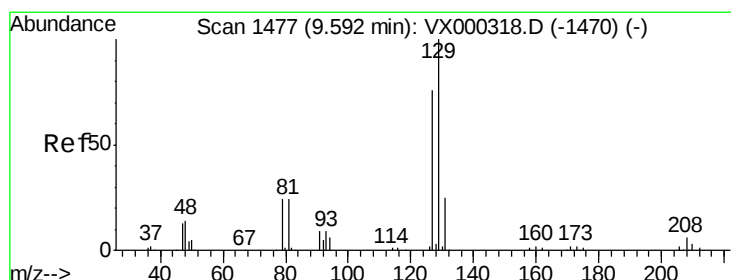
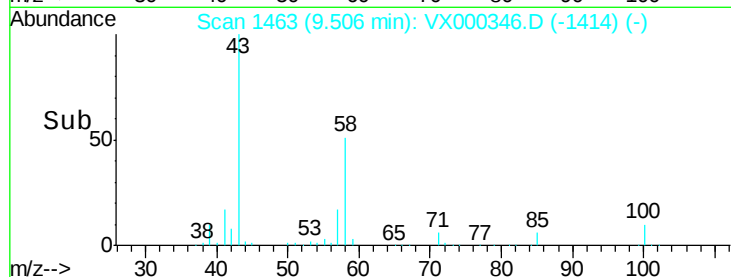
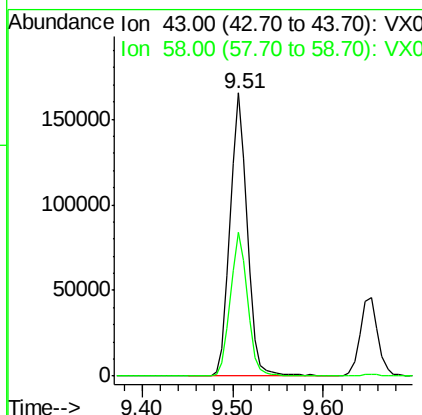
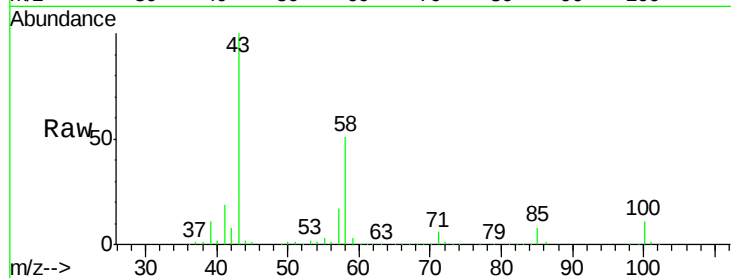
#59
2-Hexanone
Concen: 98.72 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion: 43 Resp: 218941
Ion Ratio Lower Upper
43 100
58 51.1 26.6 79.7

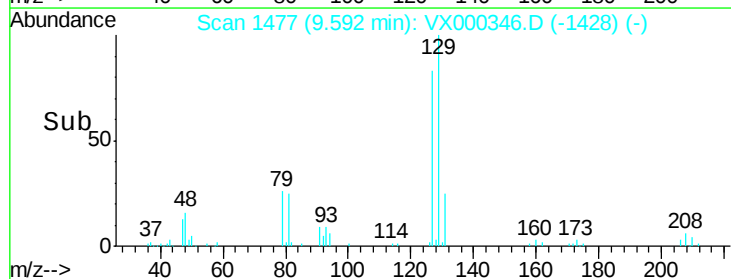
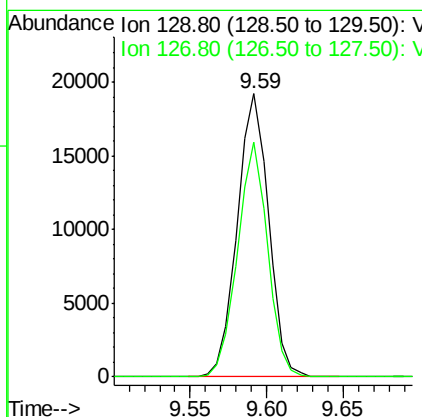
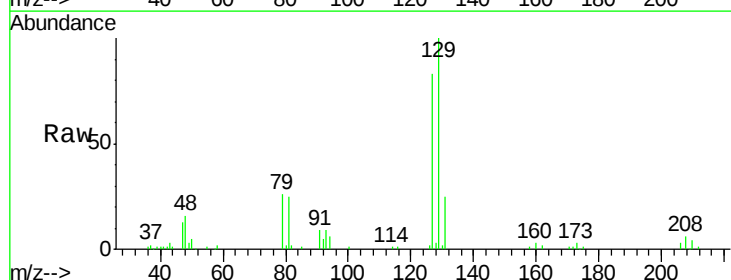
Manual Integrations
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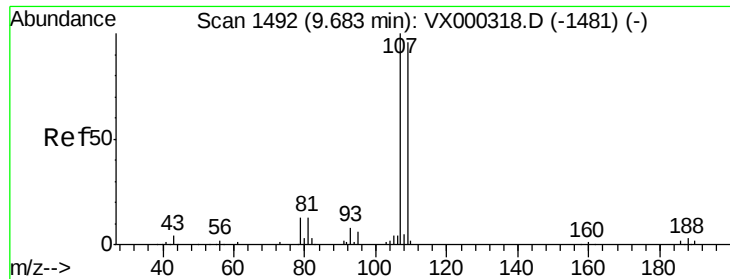
apatel
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#60
Dibromochloromethane
Concen: 18.27 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 129 Resp: 27295
Ion Ratio Lower Upper
129 100
127 79.5 37.9 113.6





#61

1,2-Dibromoethane

Concen: 18.38 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 107 Resp: 28790

Ion Ratio Lower Upper

107 100

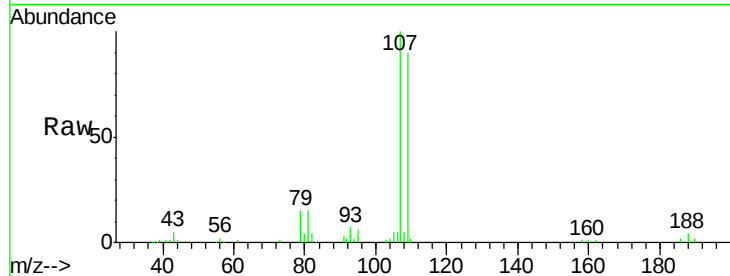
109 97.3 76.1 114.1

Manual Integrations

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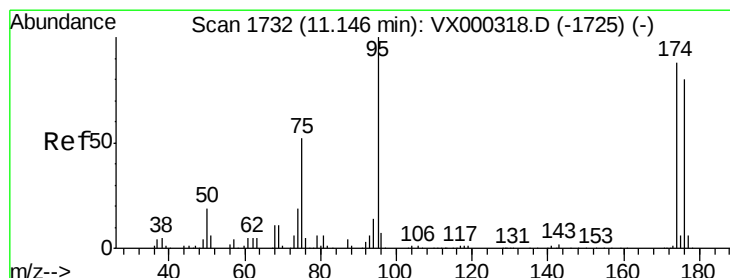
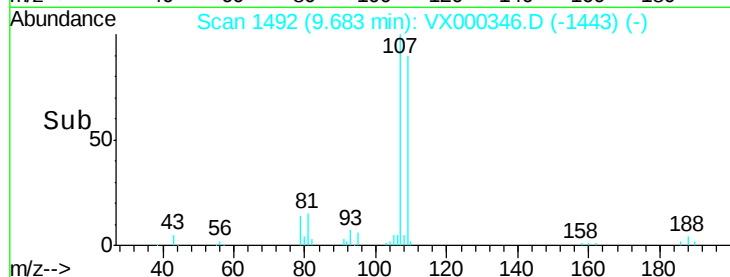
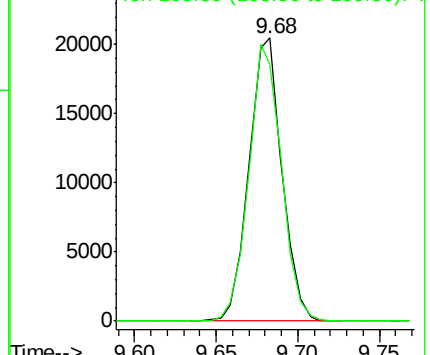
apatel

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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: 42.93 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

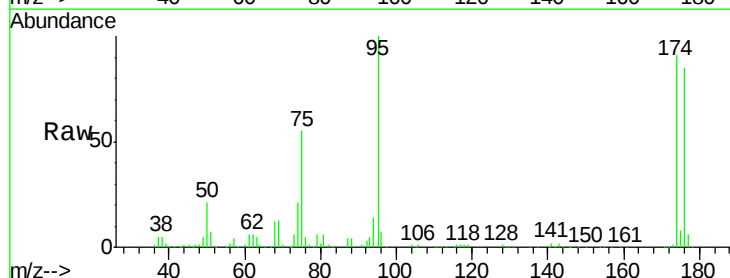
Tgt Ion: 95 Resp: 88128

Ion Ratio Lower Upper

95 100

174 89.5 0.0 173.6

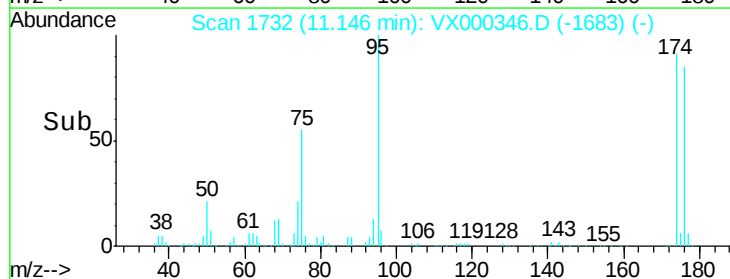
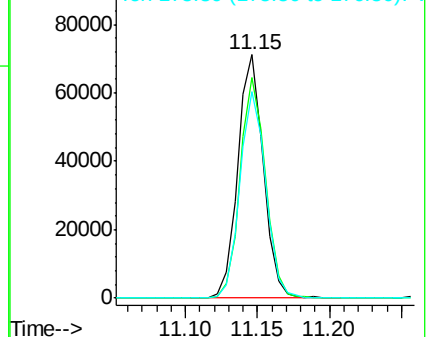
176 85.5 0.0 164.6

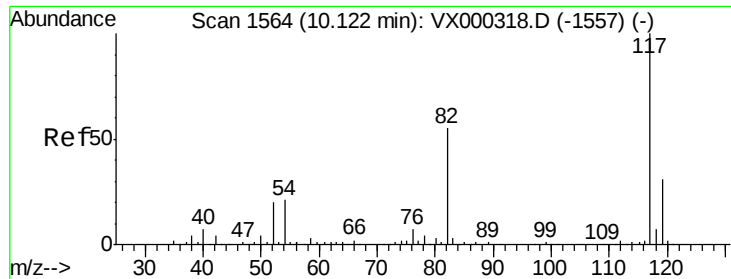


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion:117 Resp: 188328

Ion Ratio Lower Upper

117 100

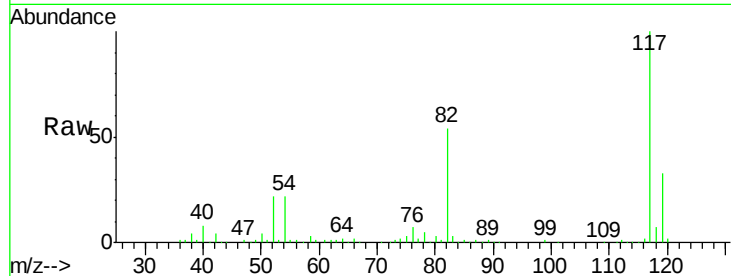
82 54.4 43.8 65.8

119 33.3 24.9 37.3

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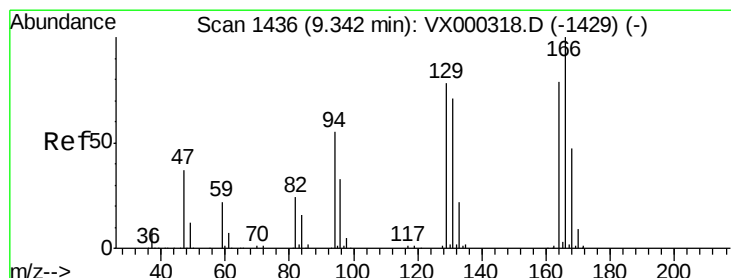
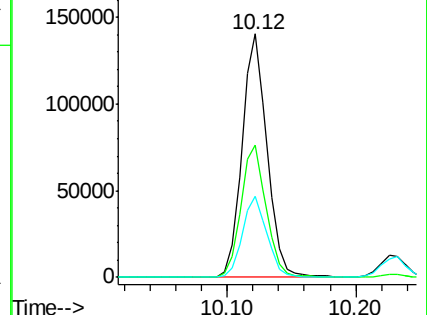
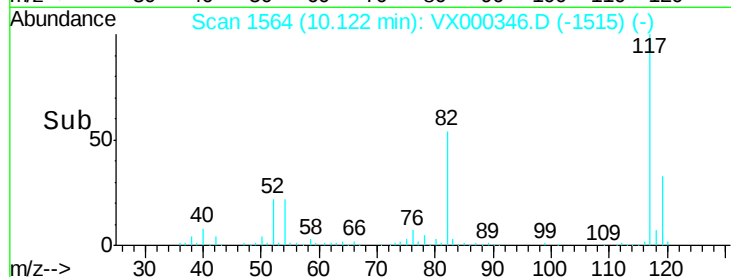
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 22.10 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Tgt Ion:164 Resp: 28224

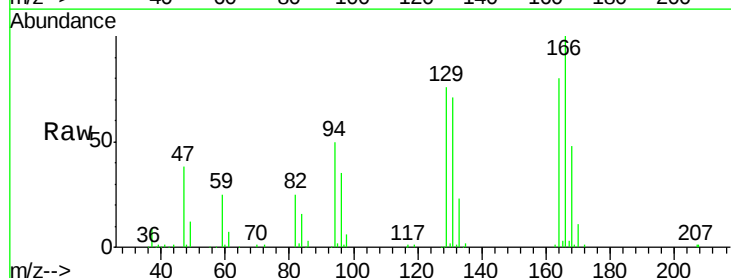
Ion Ratio Lower Upper

164 100

166 125.5 101.0 151.6

129 95.1 79.0 118.4

131 89.6 71.9 107.9

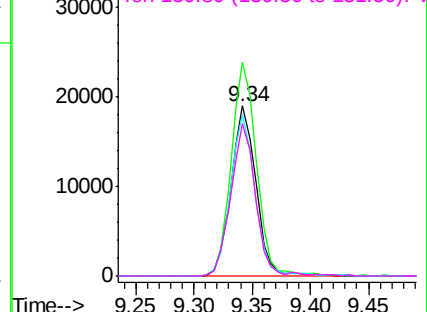
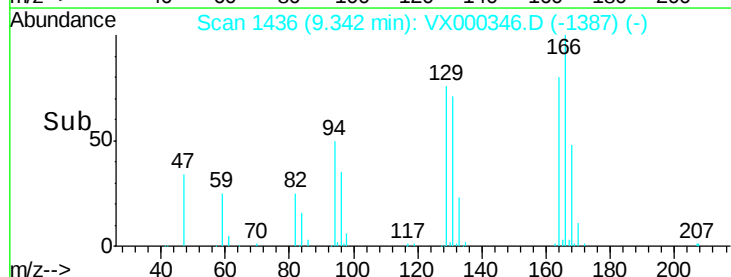


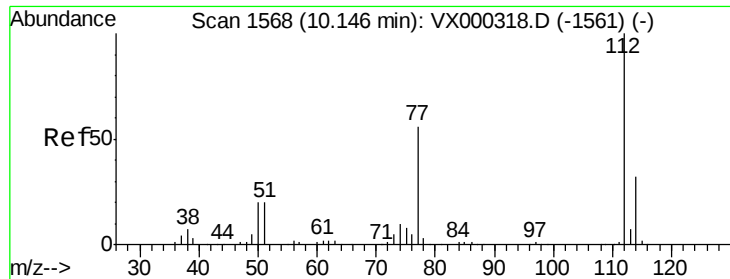
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





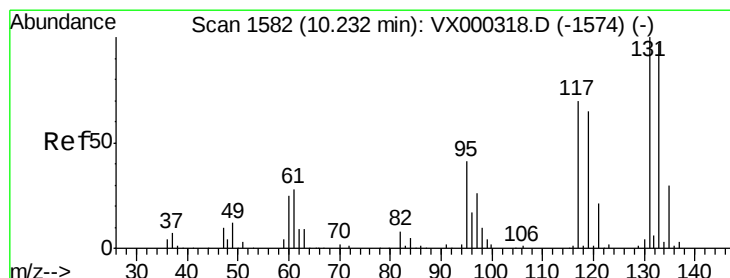
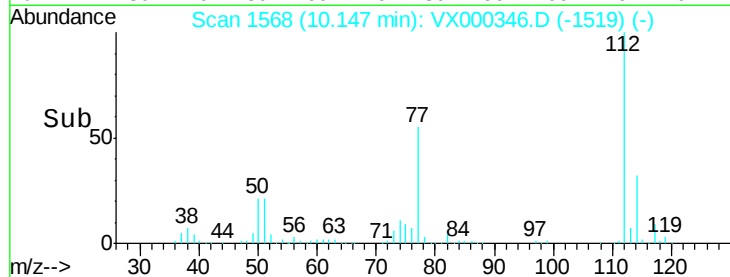
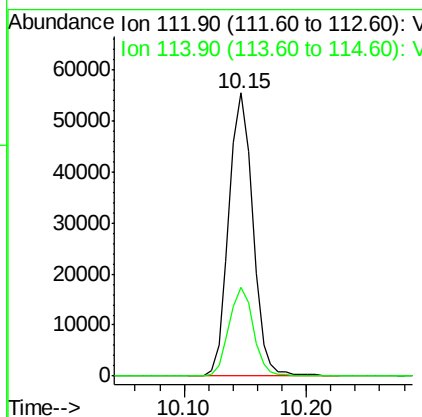
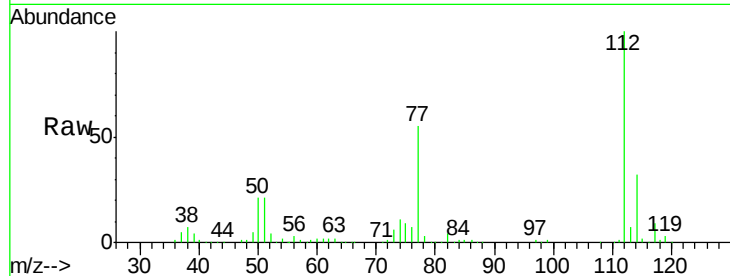
#65
Chlorobenzene
Concen: 19.75 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion:112 Resp: 75734
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

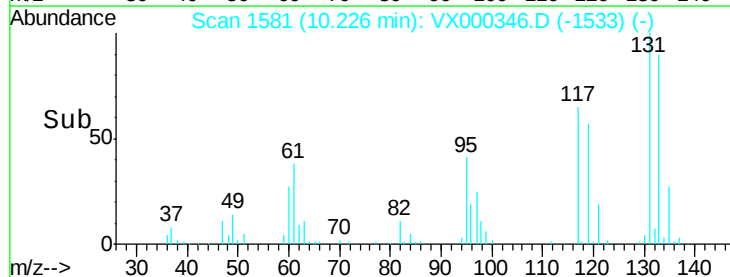
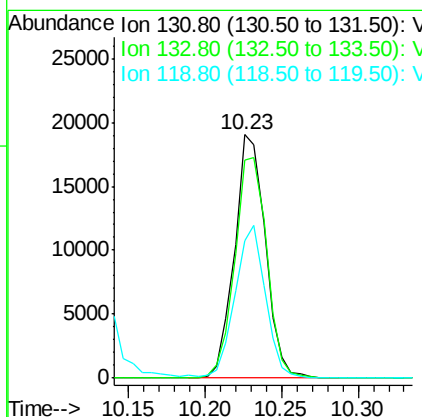
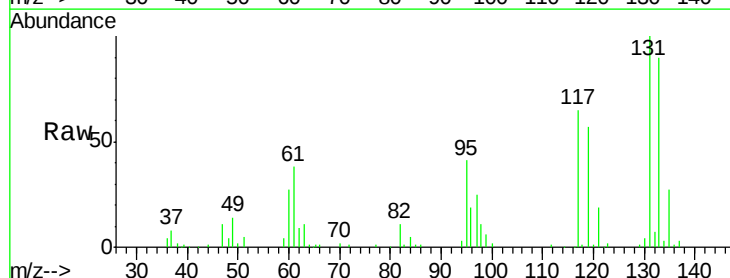
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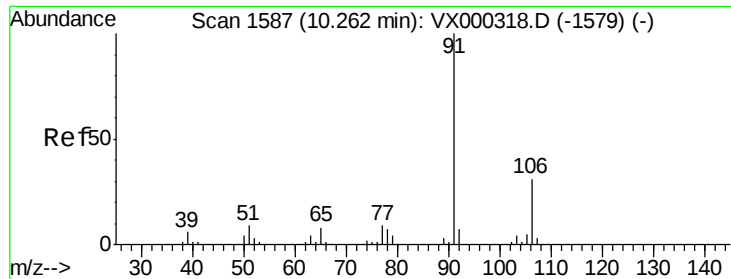
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.66 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion:131 Resp: 26655
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.3
119 61.5 33.1 99.2





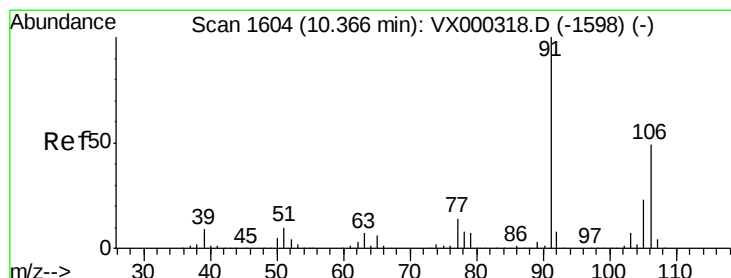
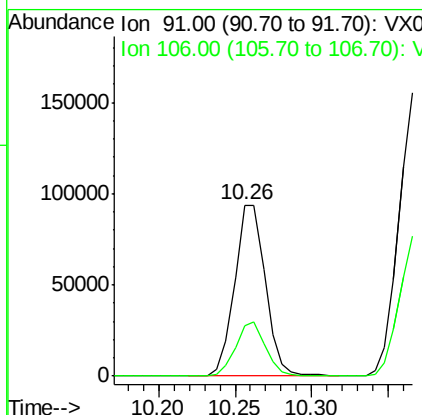
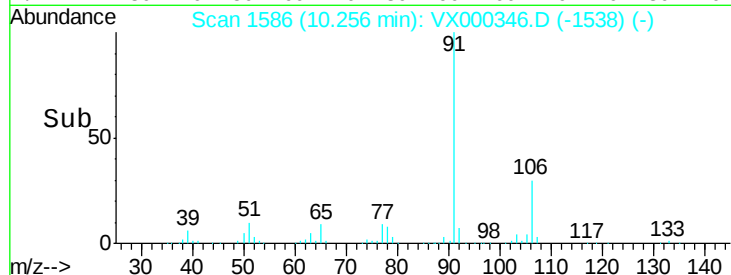
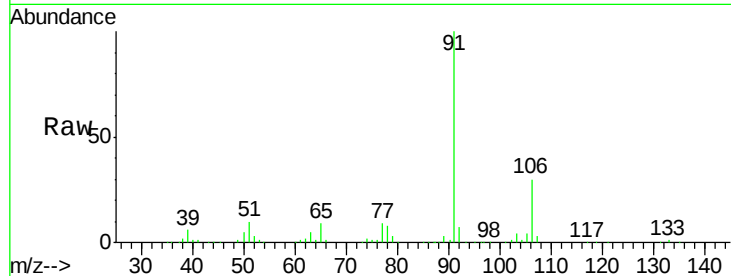
#67
Ethyl Benzene
Concen: 20.06 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampled :
VX0316MBS01

Tgt Ion: 91 Resp: 131187
Ion Ratio Lower Upper
91 100
106 29.6 25.0 37.6

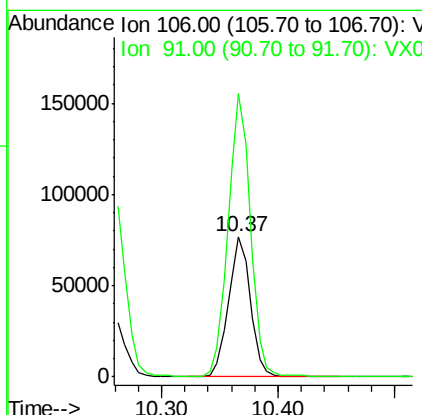
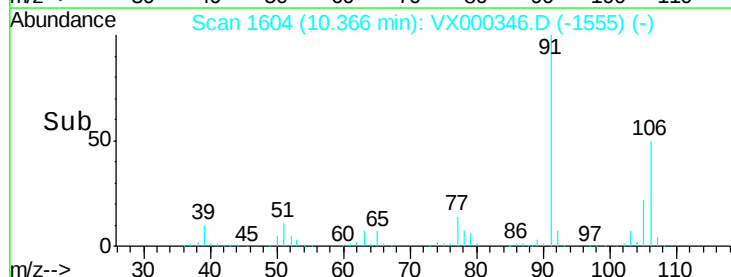
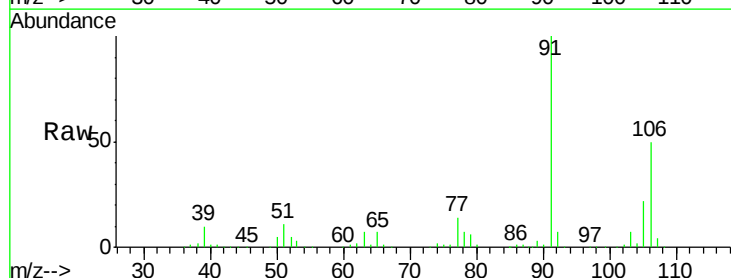
Manual Integrations
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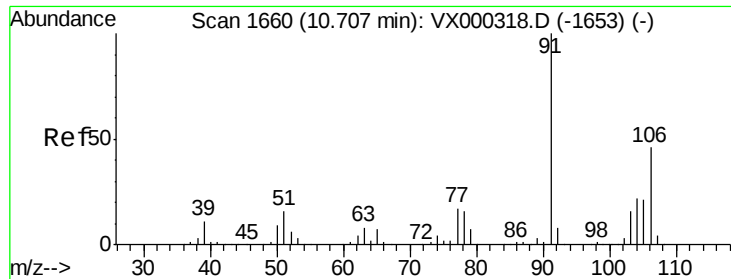
apatel
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#68
m/p-Xylenes
Concen: 39.56 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion: 106 Resp: 100786
Ion Ratio Lower Upper
106 100
91 205.2 163.4 245.2





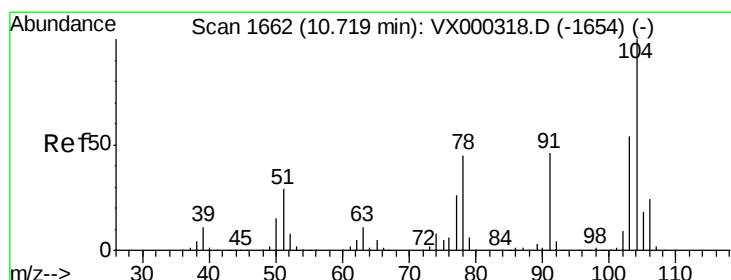
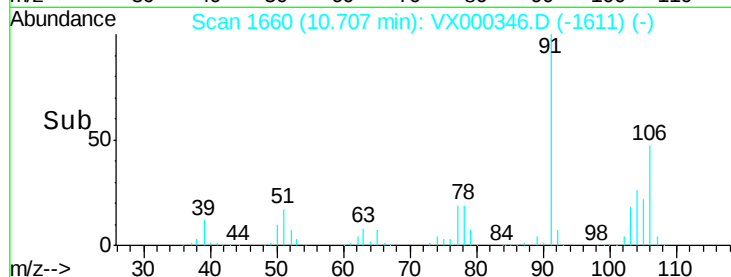
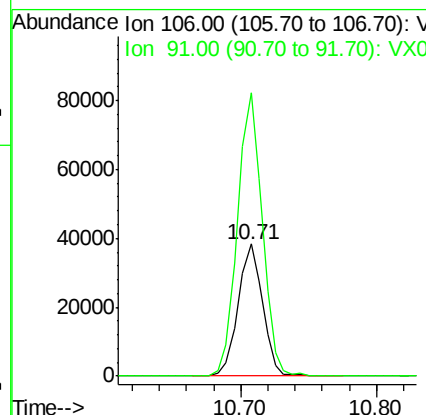
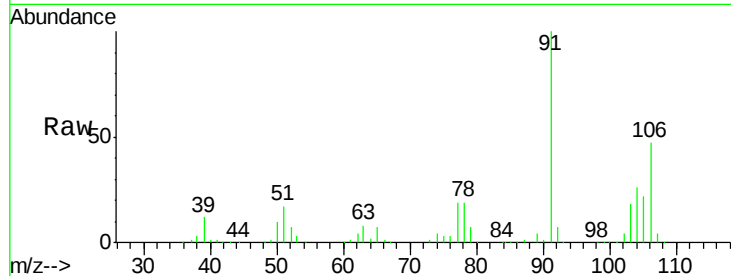
#69
o-Xylene
Concen: 19.47 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion:106 Resp: 48179
Ion Ratio Lower Upper
106 100
91 217.3 106.5 319.6

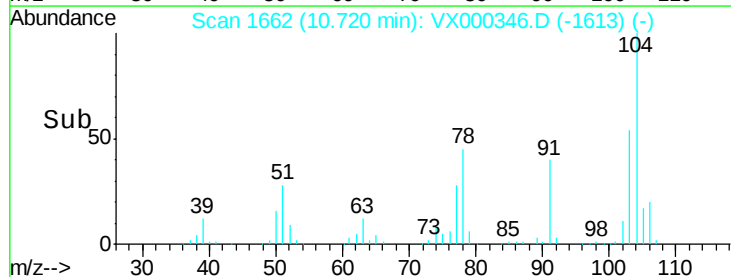
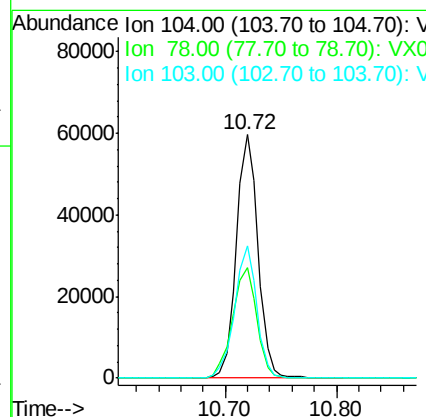
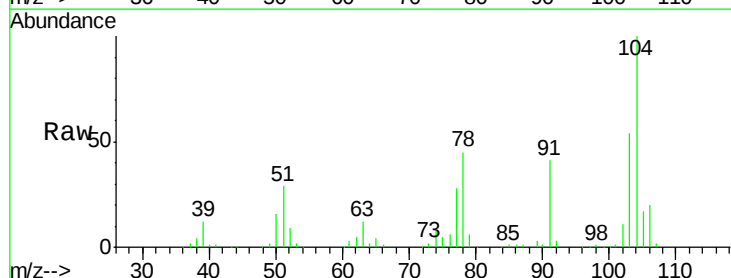
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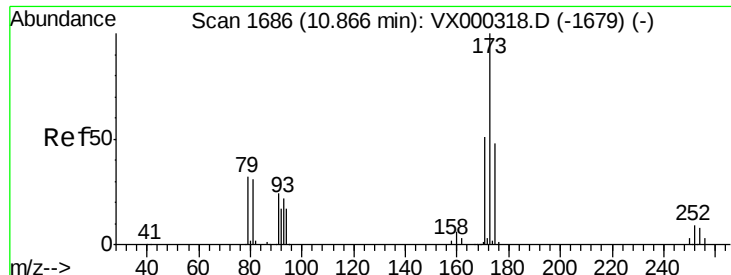
apatel
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#70
Styrene
Concen: 19.54 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion:104 Resp: 80261
Ion Ratio Lower Upper
104 100
78 51.1 40.5 60.7
103 56.0 45.7 68.5





#71

Bromoform

Concen: 19.05 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

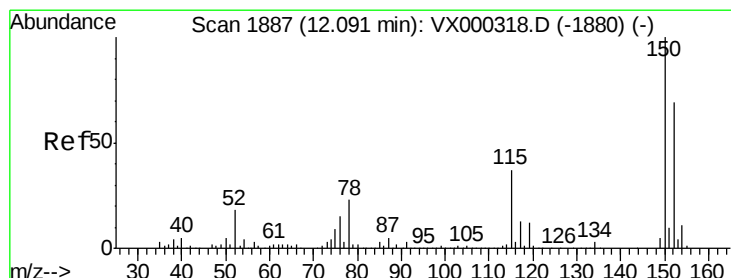
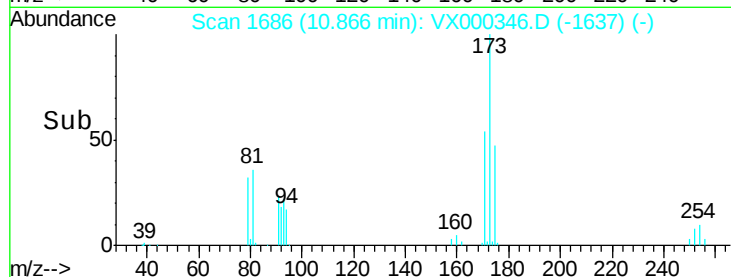
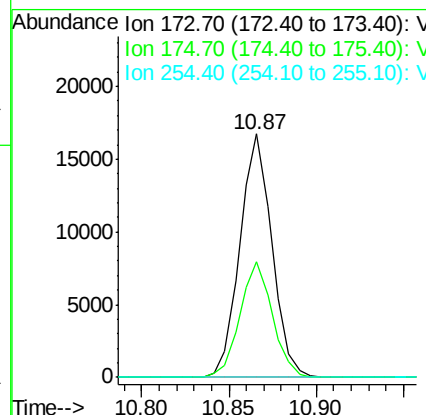
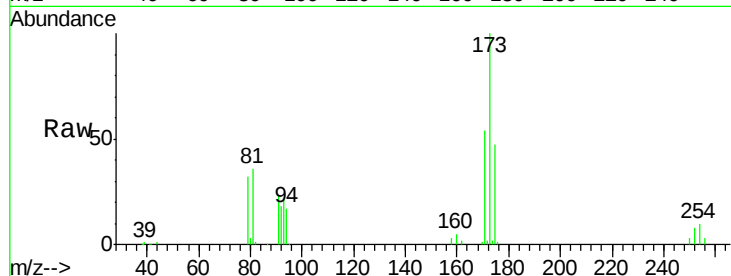
ClientSampleId :

VX0316MBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	25.4	76.4
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

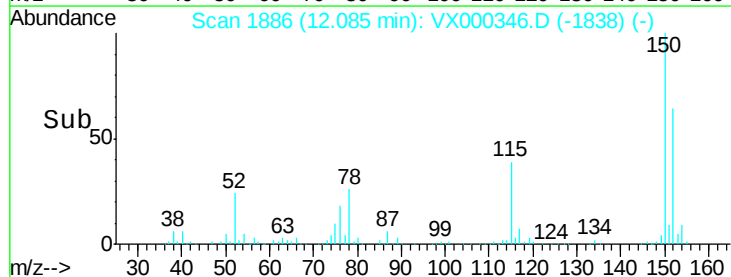
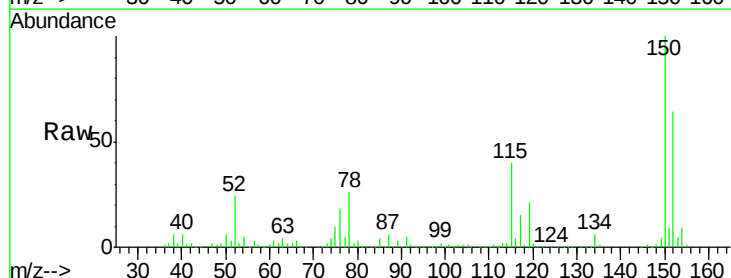
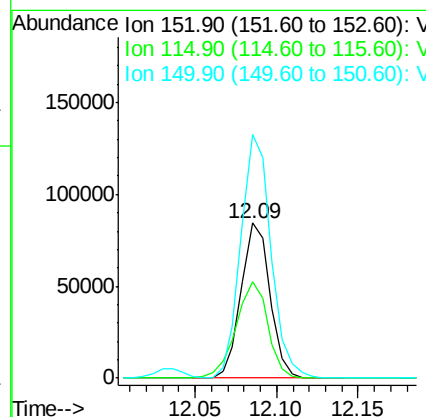
RT: 12.09 min Scan# 1886

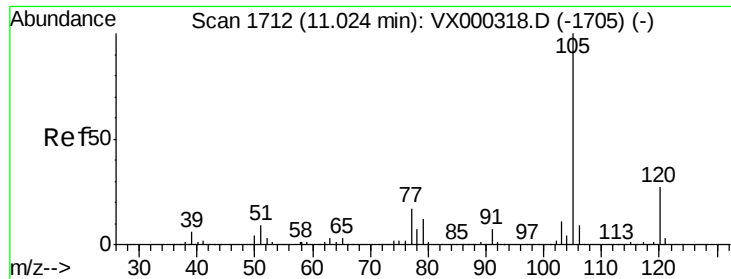
Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.1	39.8	119.3
150	163.6	0.0	344.4





#73

Isopropylbenzene

Concen: 21.44 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 105 Resp: 135162

Ion Ratio Lower Upper

105 100

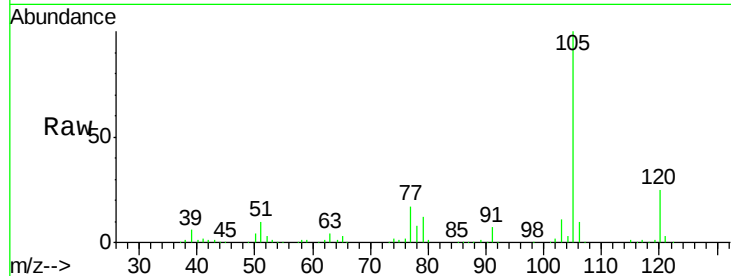
120 25.7 13.6 40.7

Manual Integrations

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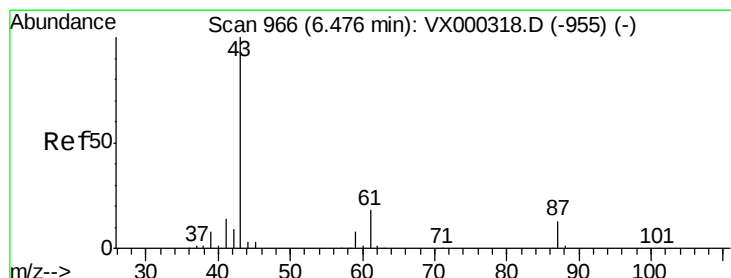
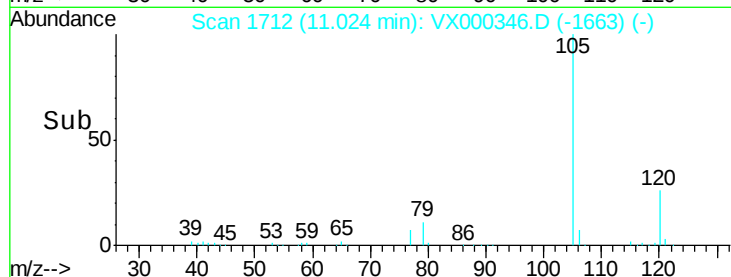
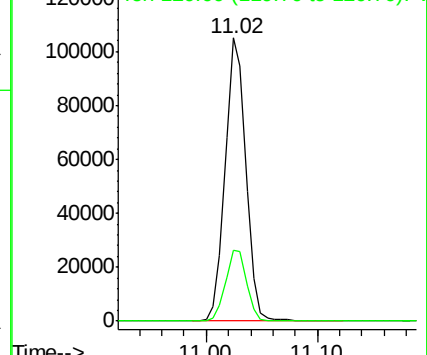
apatel

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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: 22.19 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Tgt Ion: 43 Resp: 66983

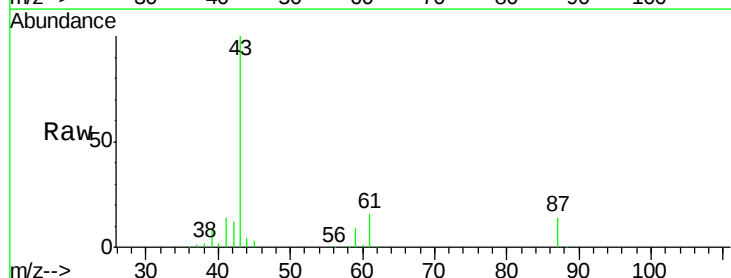
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 17.6 14.4 21.6

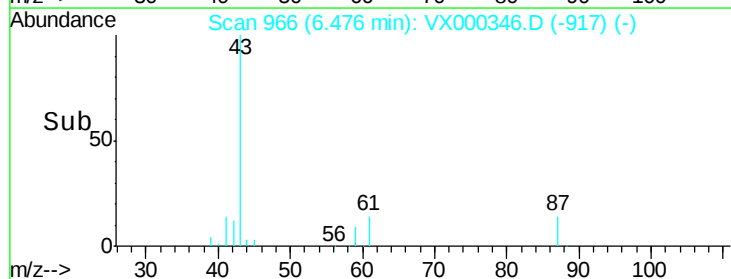
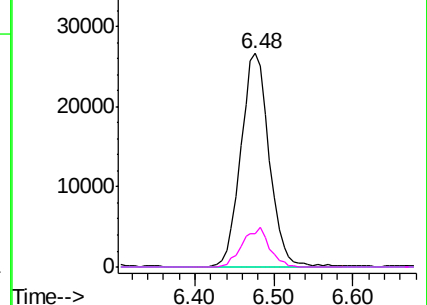


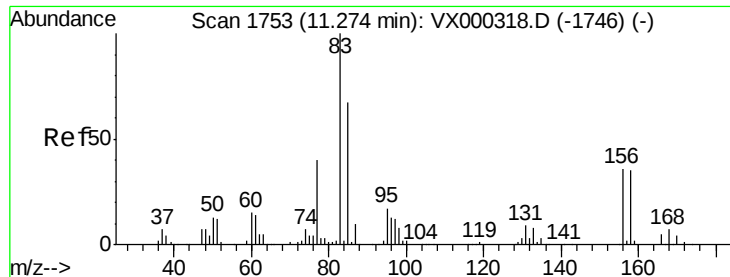
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.82 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 83 Resp: 46731

Ion Ratio Lower Upper

83 100

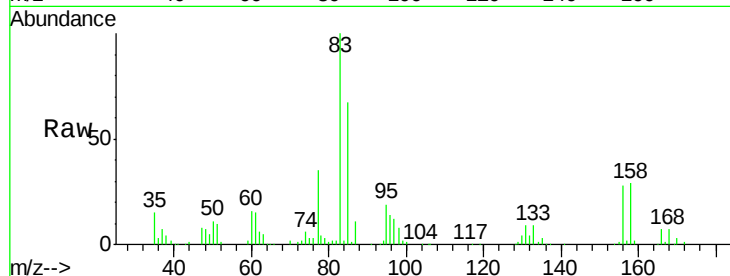
131 10.3 5.0 14.9

85 65.6 32.5 97.5

Manual Integrations
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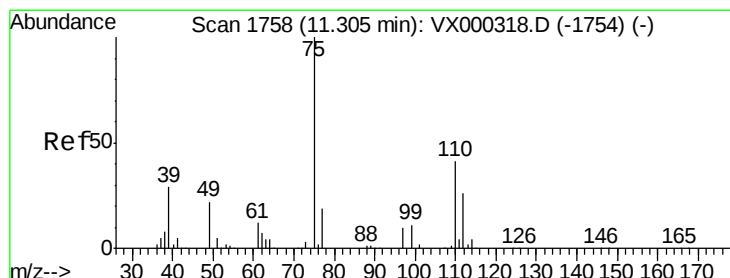
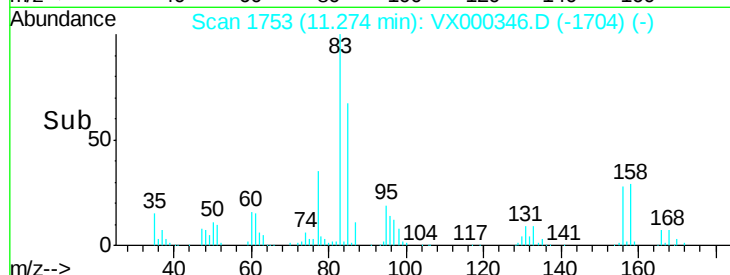
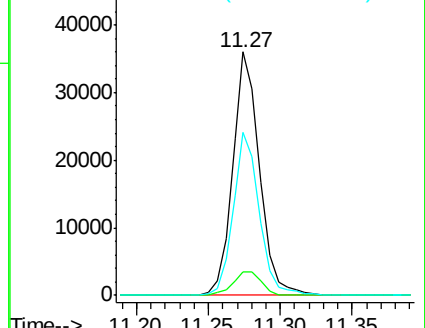
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.03 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000346.D

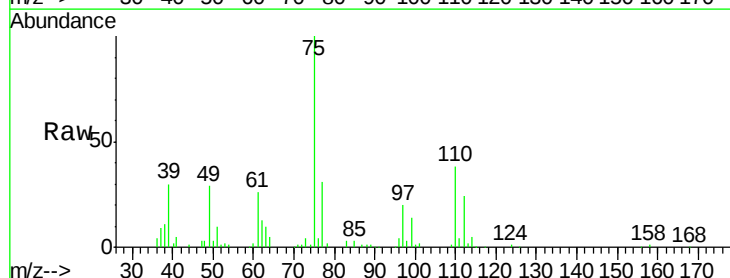
Acq: 16 Mar 2018 14:14

Tgt Ion: 75 Resp: 43853

Ion Ratio Lower Upper

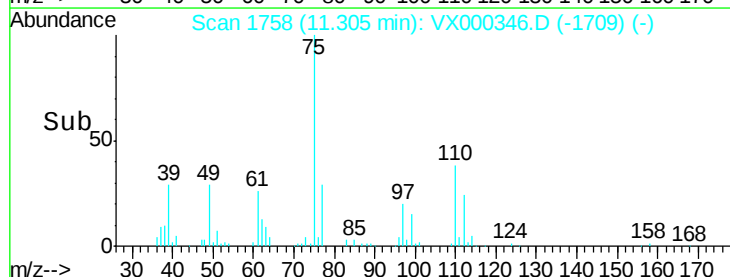
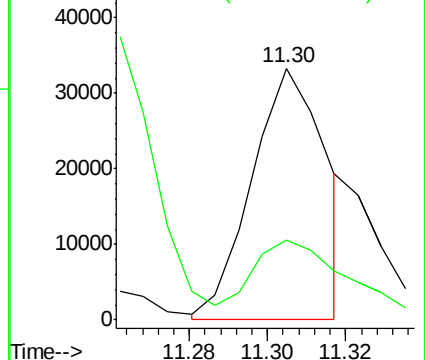
75 100

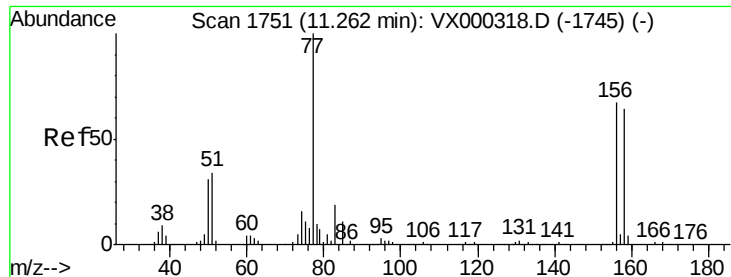
77 41.3 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.19 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

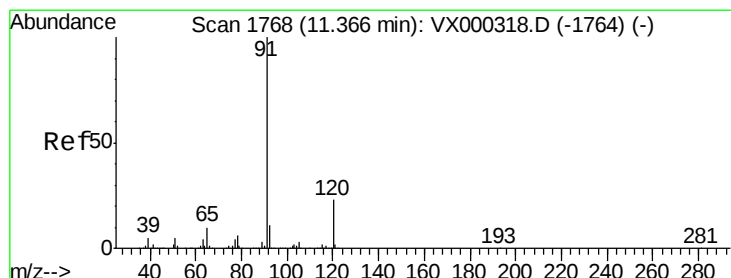
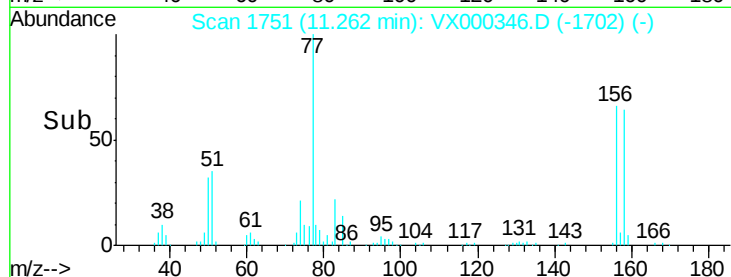
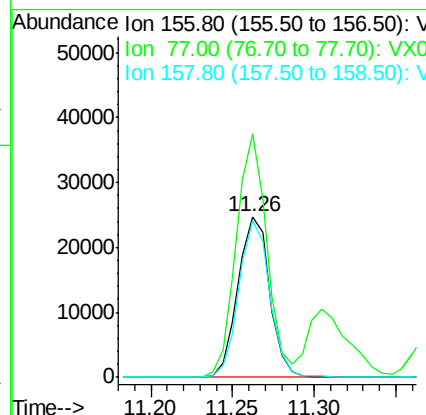
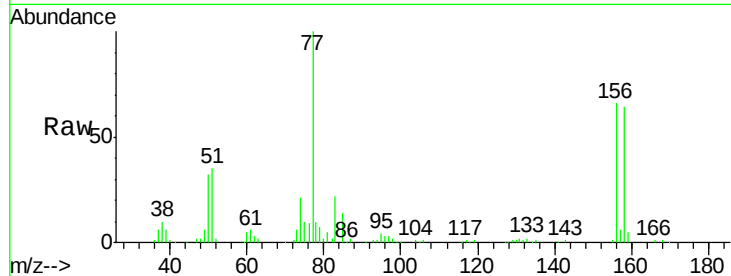
ClientSampleId :

VX0316MBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	146.6	73.4	220.2
158	95.8	48.5	145.6

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#78

n-propylbenzene

Concen: 20.56 ug/l

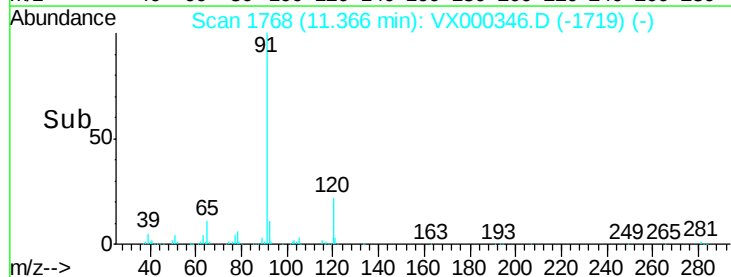
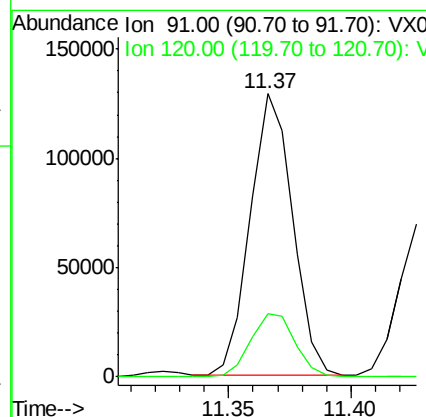
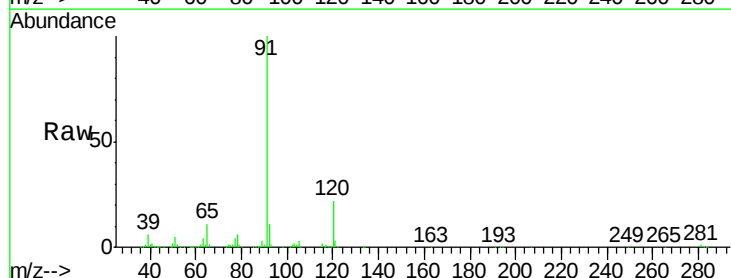
RT: 11.37 min Scan# 1768

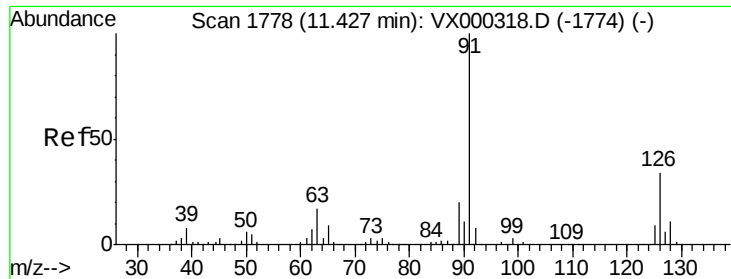
Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.8	35.3





#79

2-Chlorotoluene

Concen: 20.97 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBS01

Tgt Ion: 91 Resp: 90462

Ion Ratio Lower Upper

91 100

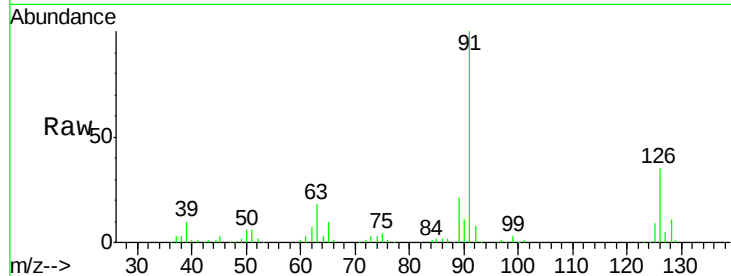
126 35.2 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX000318.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000318.D (-1774) (-)

150000

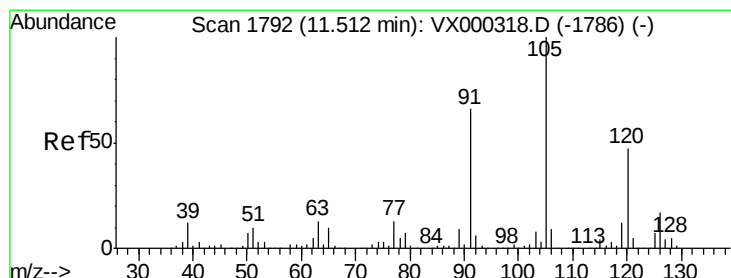
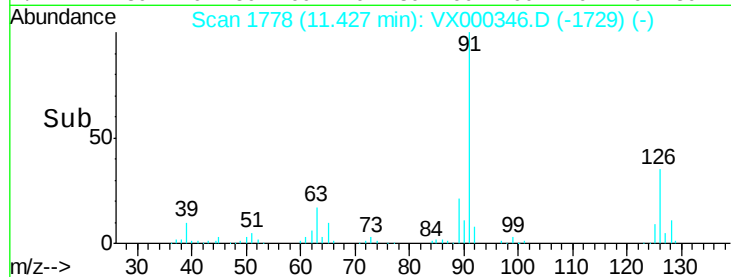
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.62 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000346.D

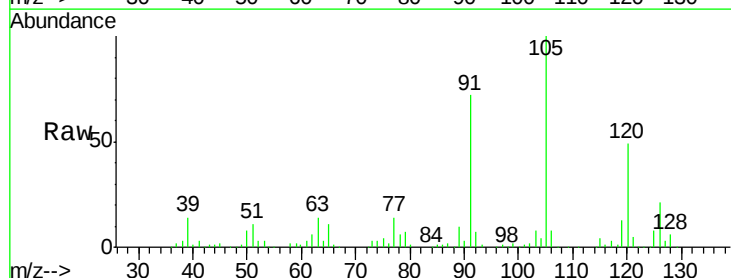
Acq: 16 Mar 2018 14:14

Tgt Ion: 105 Resp: 110771

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000318.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000318.D (-1786) (-)

100000

80000

60000

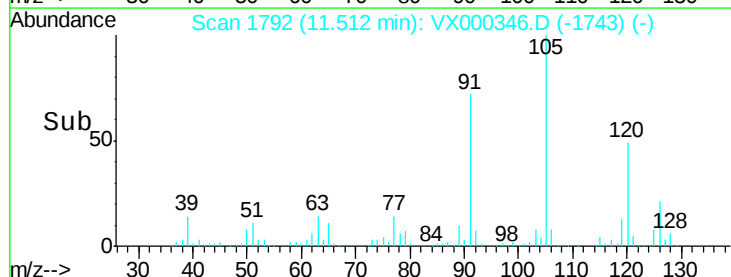
40000

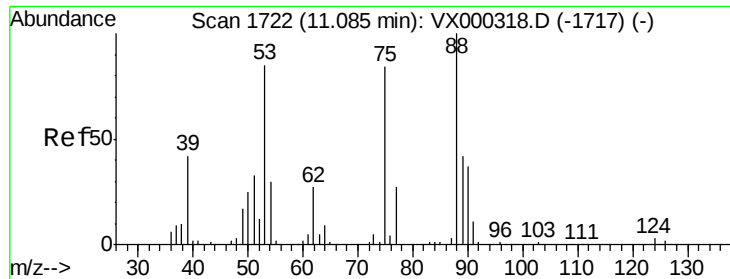
20000

0

11.50 11.60

Time-->





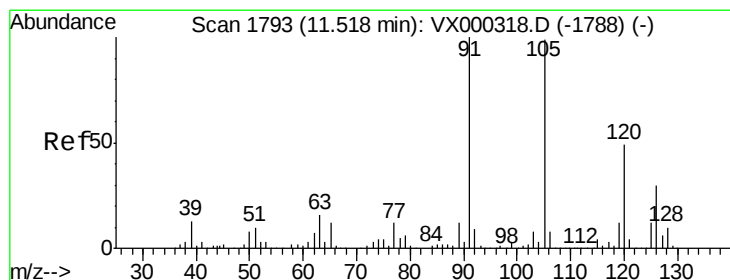
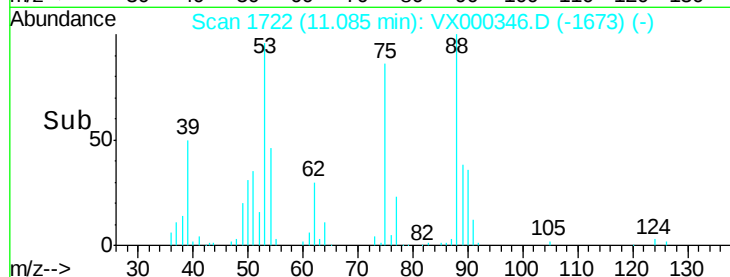
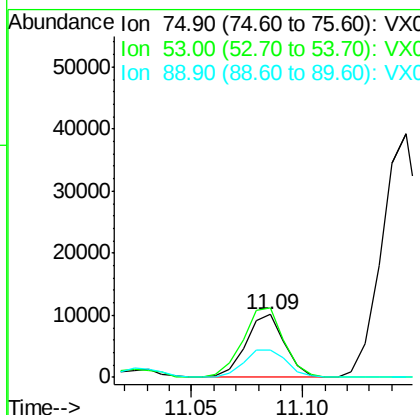
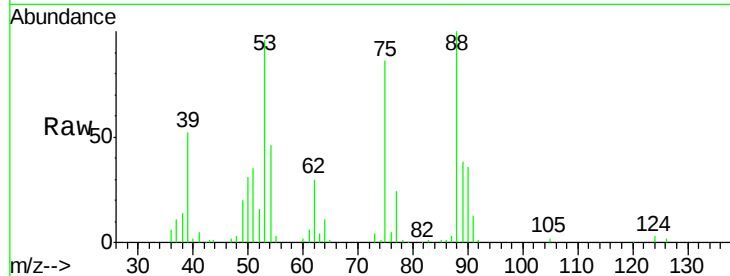
#81
trans-1,4-Dichloro-2-butene
Concen: 19.50 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	115.8	80.7	121.1
89	47.6	39.4	59.0

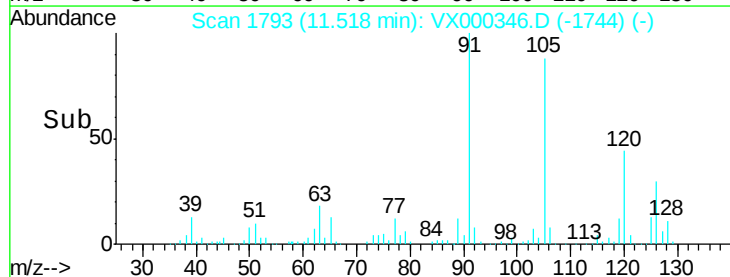
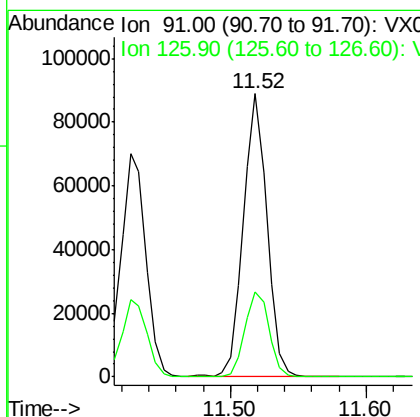
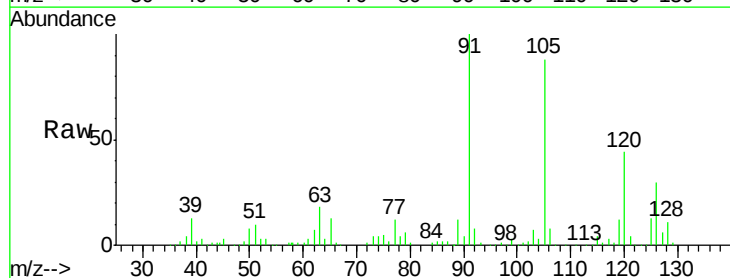
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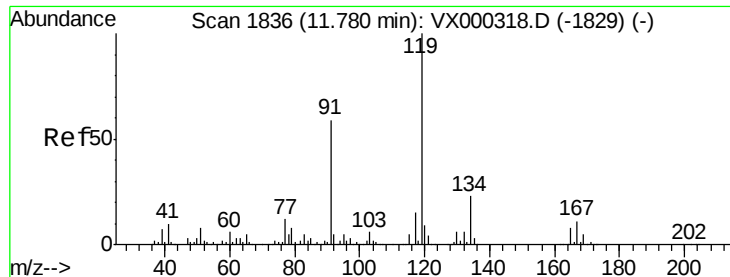
apatel
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#82
4-Chlorotoluene
Concen: 20.36 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.4	46.1





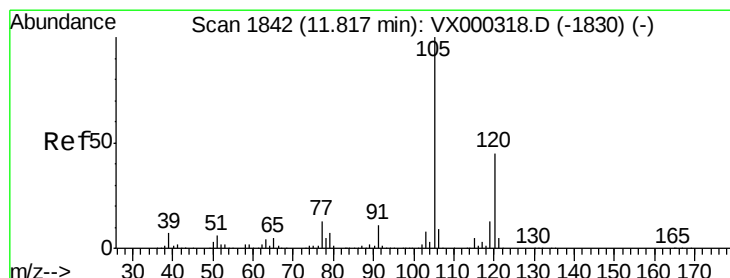
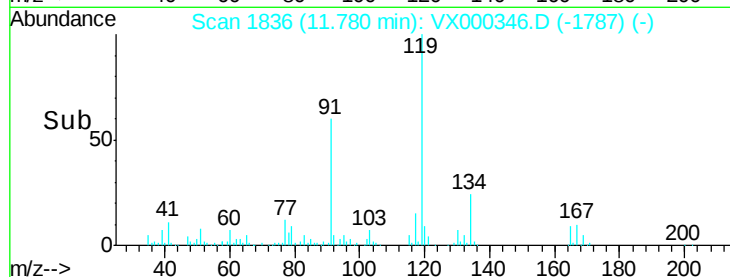
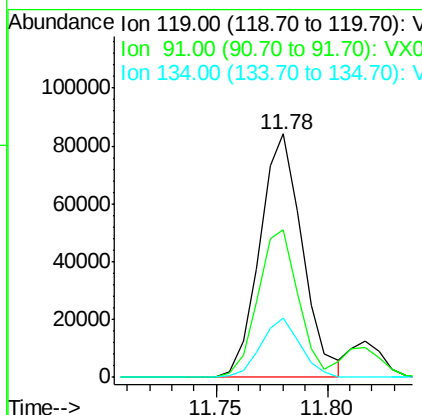
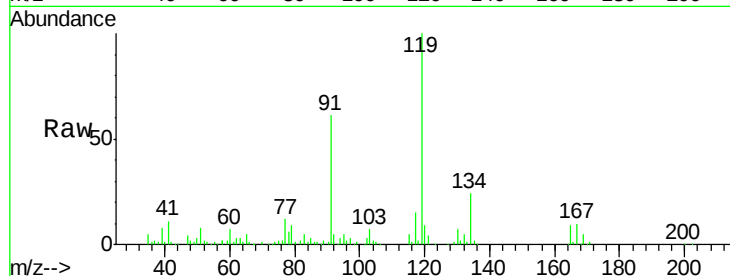
#83
 tert-Butylbenzene
 Concen: 21.34 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	111834		
91	57.6	28.8	86.4	
134	22.8	11.4	34.1	

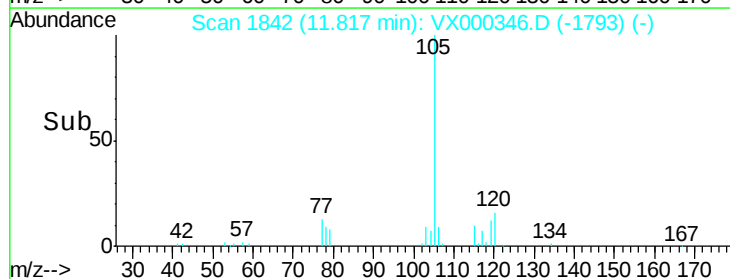
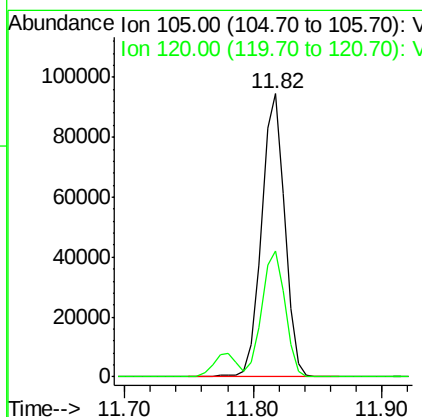
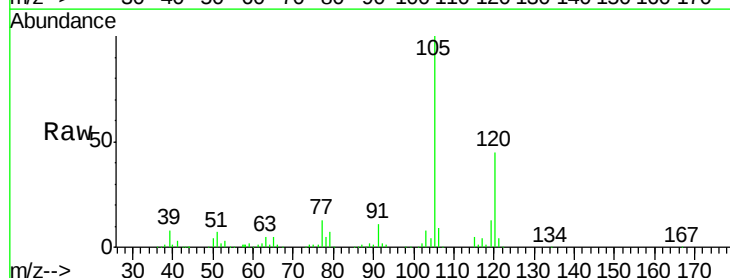
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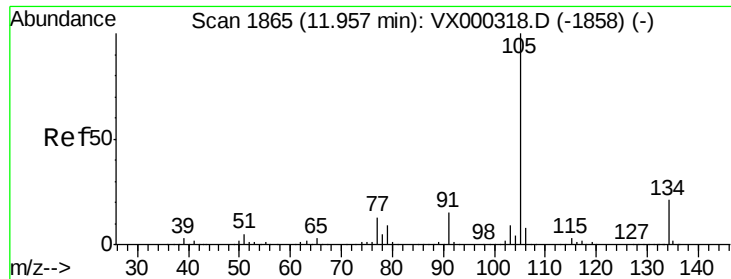
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.17 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	116915		
120	44.8	22.4	67.3	





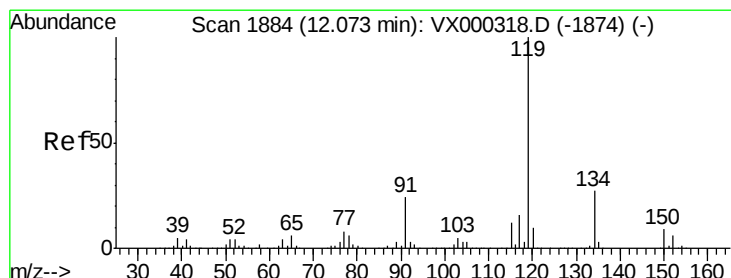
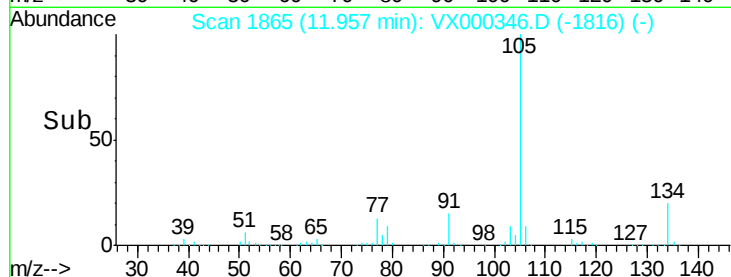
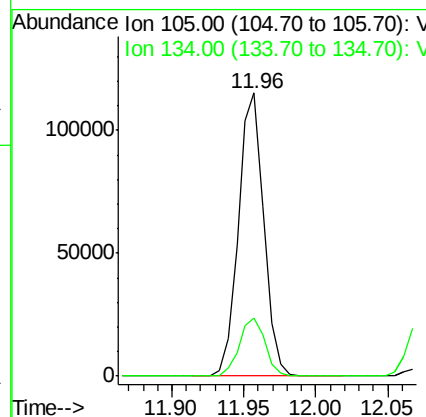
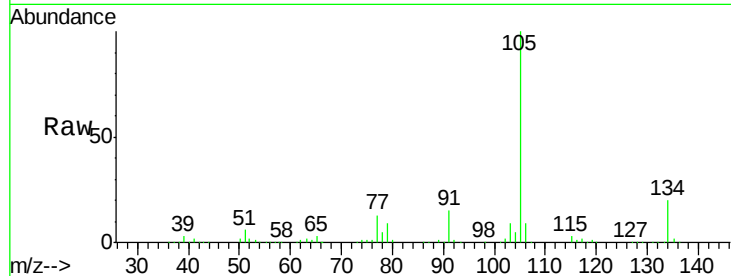
#85
 sec-Butylbenzene
 Concen: 21.56 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01

Tgt Ion:105 Resp: 141410
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.8

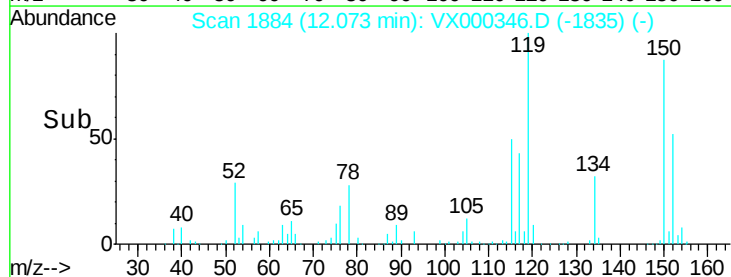
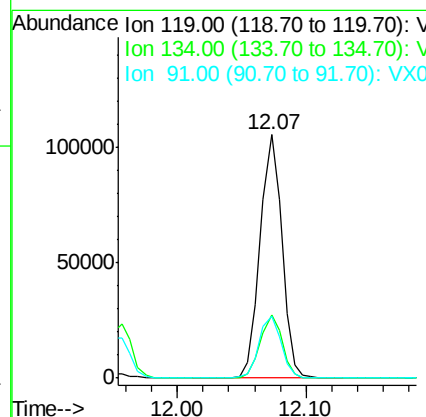
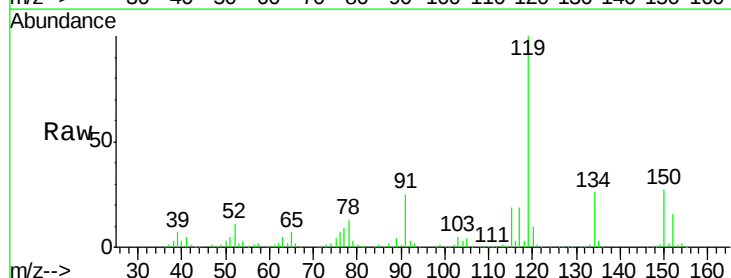
Manual Integrations
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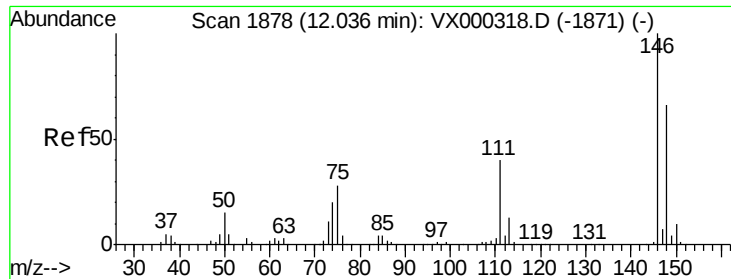
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#86
 p-Isopropyltoluene
 Concen: 21.09 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Tgt Ion:119 Resp: 123096
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.9
 91 25.8 12.0 36.1





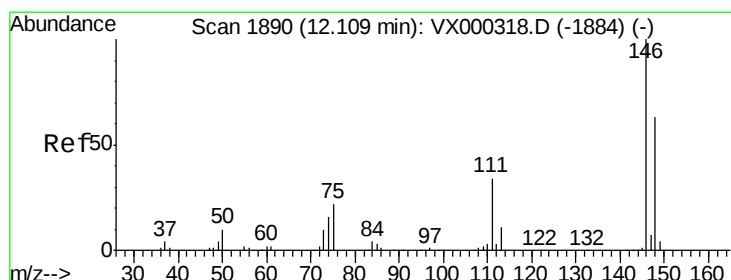
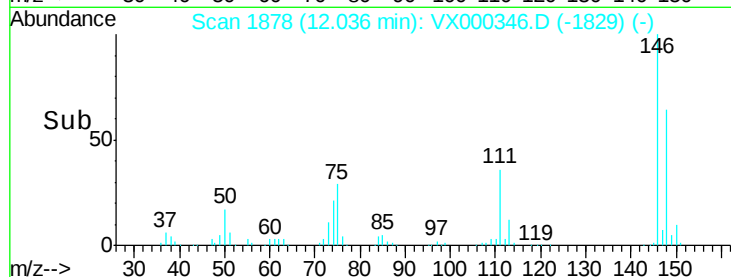
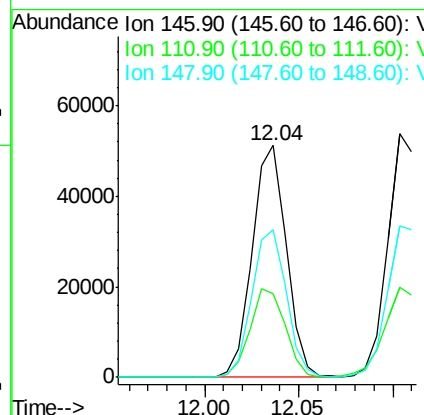
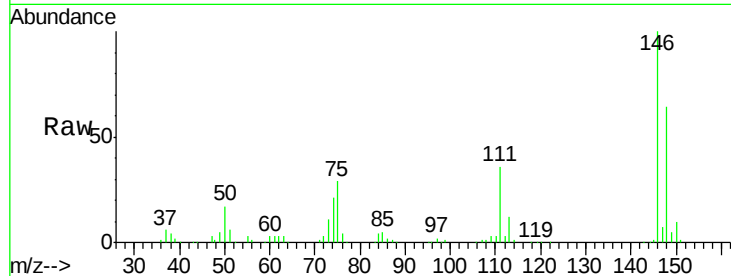
#87
 1,3-Dichlorobenzene
 Concen: 19.83 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.5	58.5
148	64.4	32.4	97.0

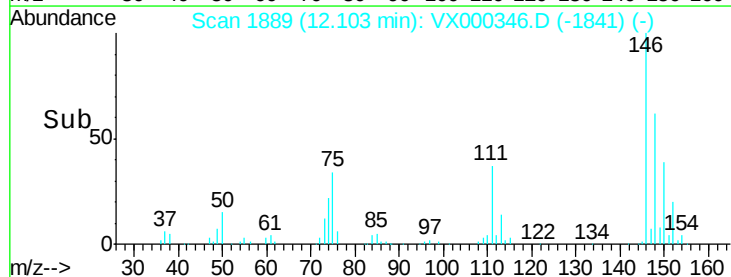
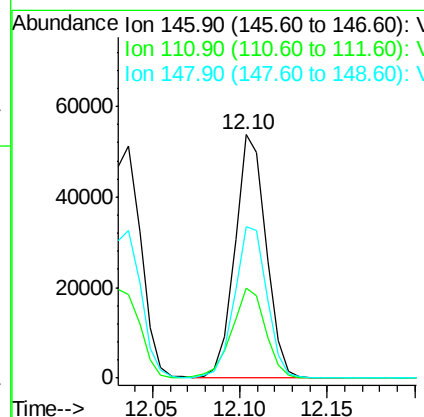
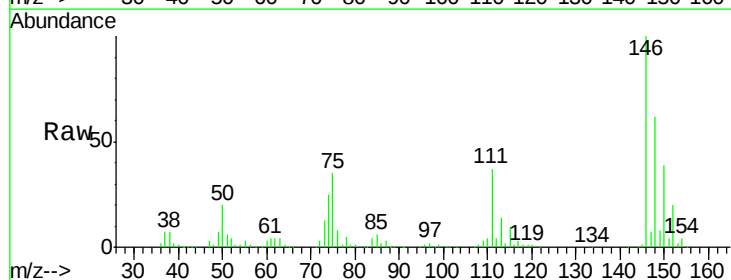
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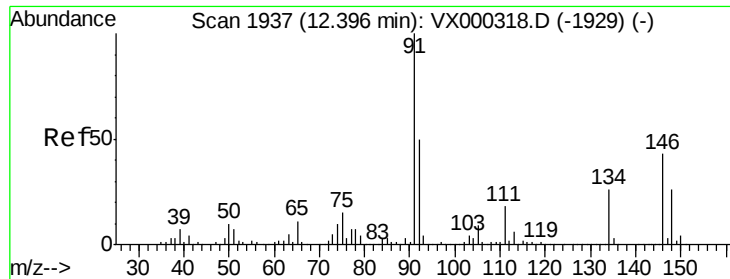
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#88
 1,4-Dichlorobenzene
 Concen: 19.74 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000346.D
 Acq: 16 Mar 2018 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	18.9	56.9
148	64.6	31.0	93.0





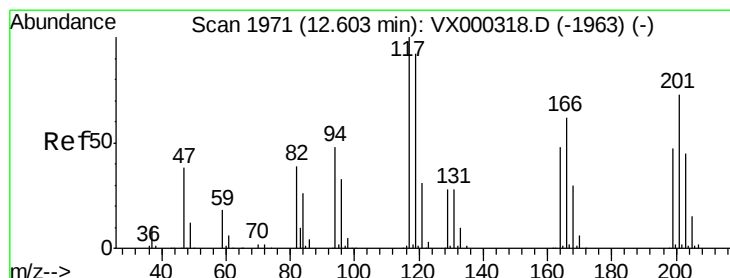
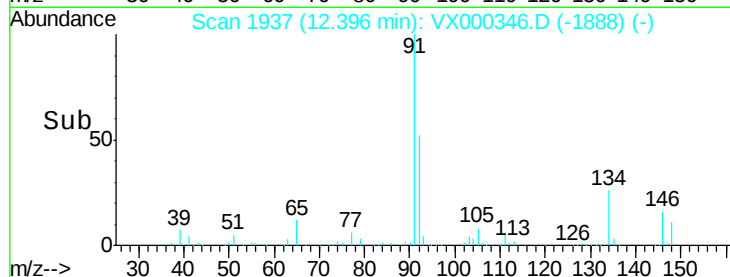
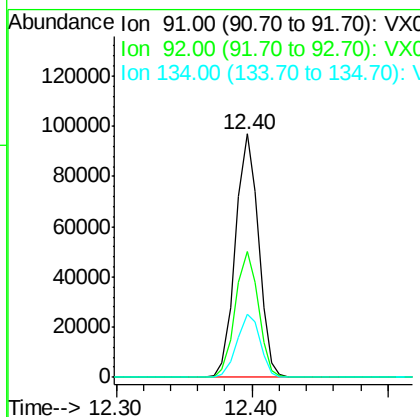
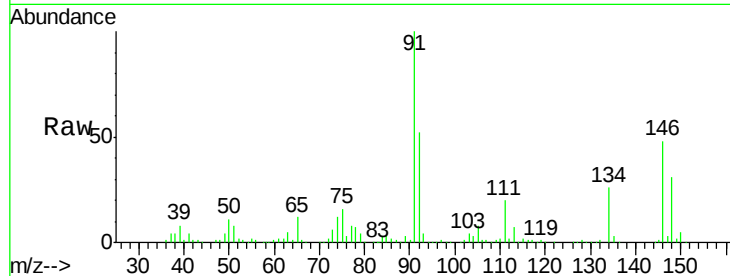
#89
n-Butylbenzene
Concen: 20.17 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.9	77.8
134	26.1	13.1	39.3

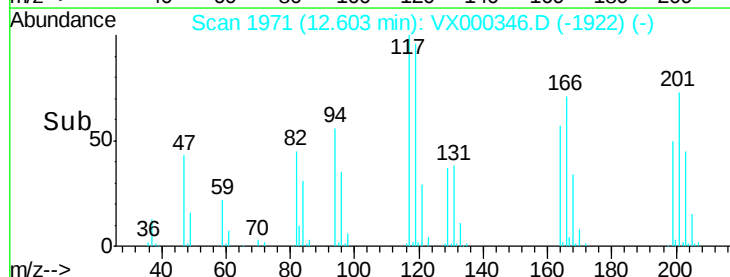
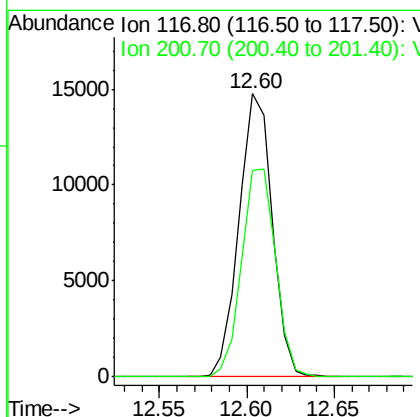
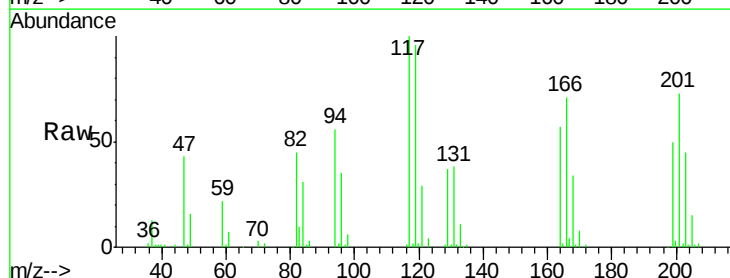
Manual Integrations
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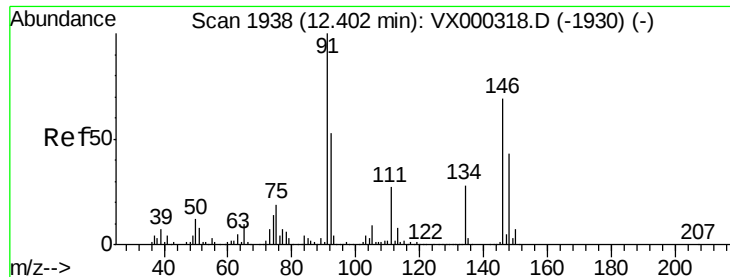
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#90
Hexachloroethane
Concen: 20.84 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.2	37.9	113.6





#91

1,2-Dichlorobenzene

Concen: 20.36 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Instrument :

MSVOA_X

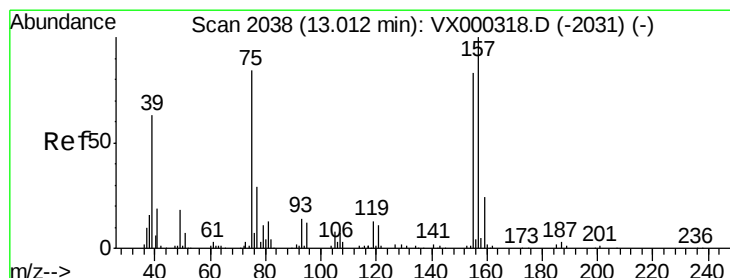
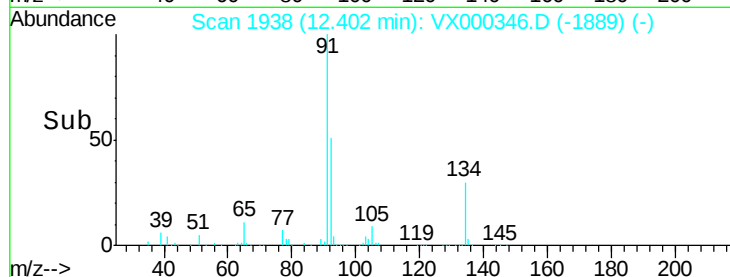
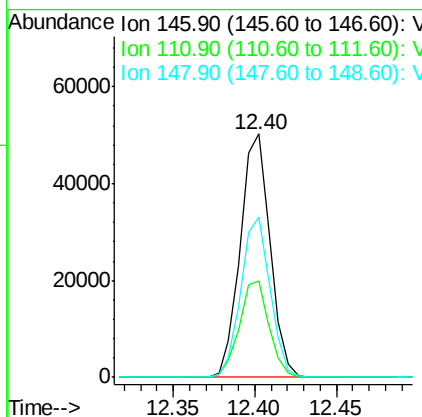
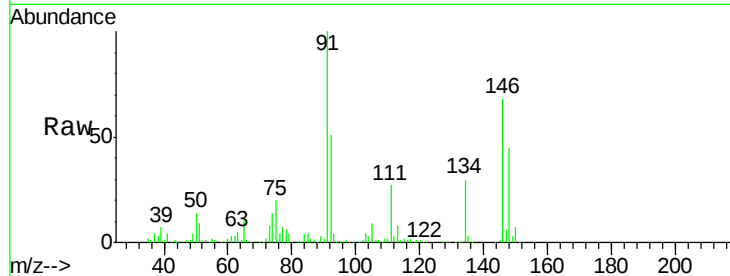
ClientSampleId :

VX0316MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.1	60.2
148	65.0	31.2	93.6

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.50 ug/l

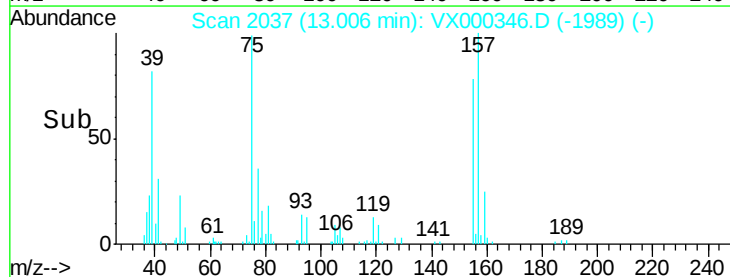
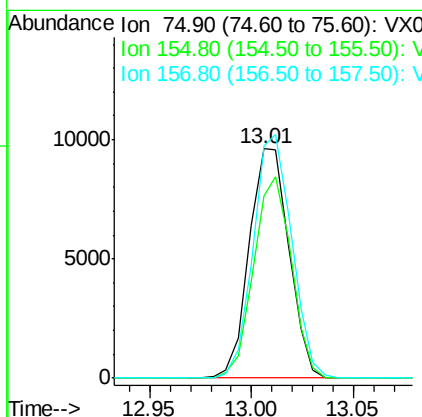
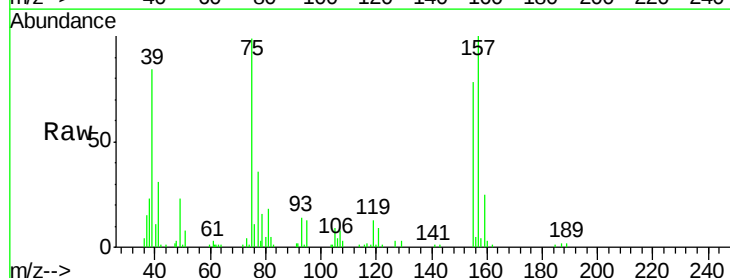
RT: 13.01 min Scan# 2037

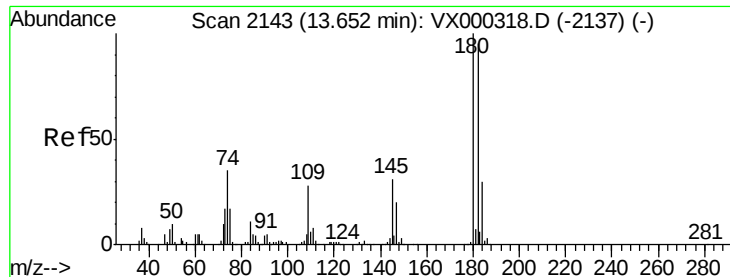
Delta R.T. -0.01 min

Lab File: VX000346.D

Acq: 16 Mar 2018 14:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	45.0	134.8
157	102.8	58.1	174.2





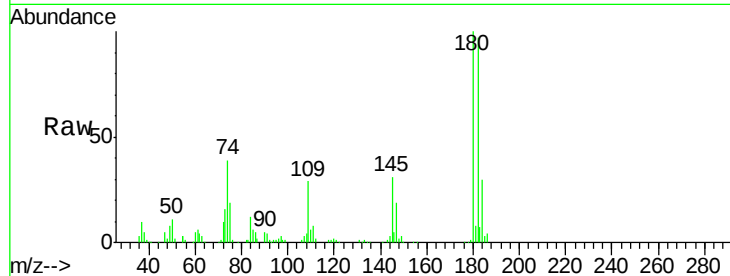
#93
1,2,4-Trichlorobenzene
Concen: 19.77 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

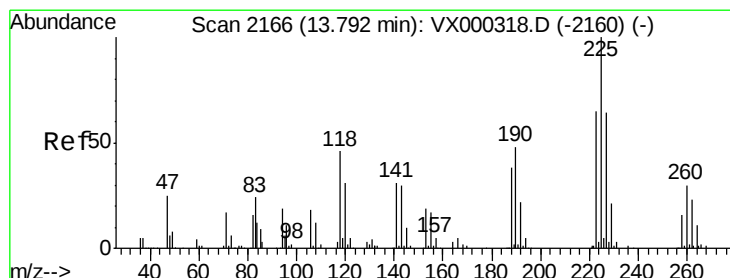
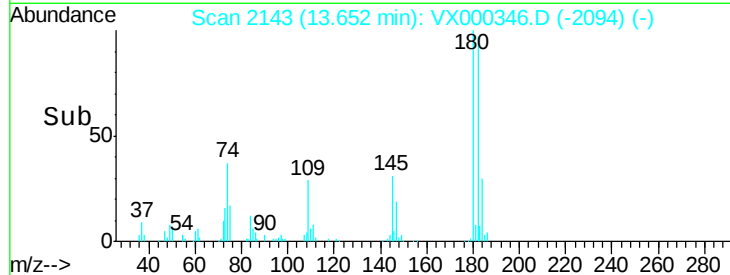
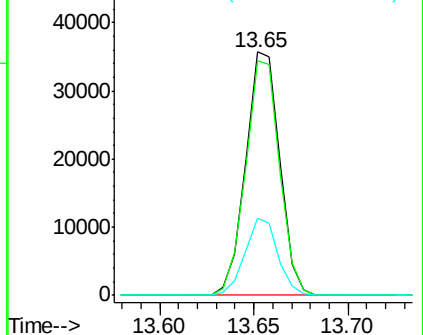
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.6	142.9
145	30.5	15.1	45.3

Manual Integrations
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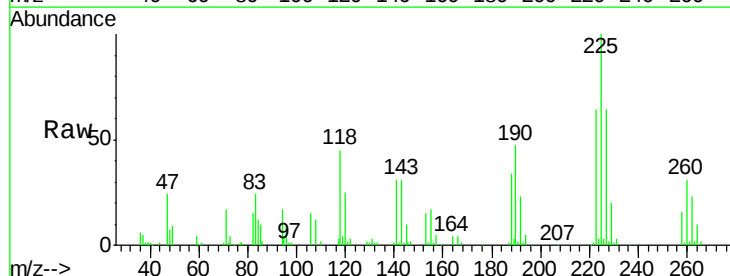


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

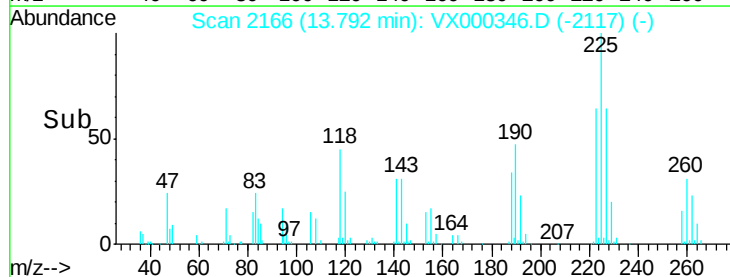
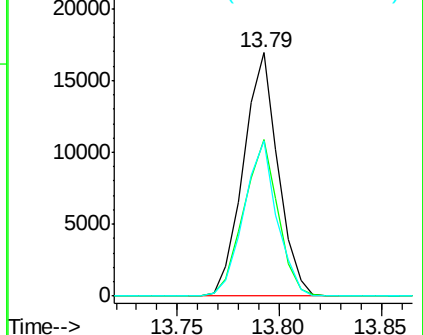


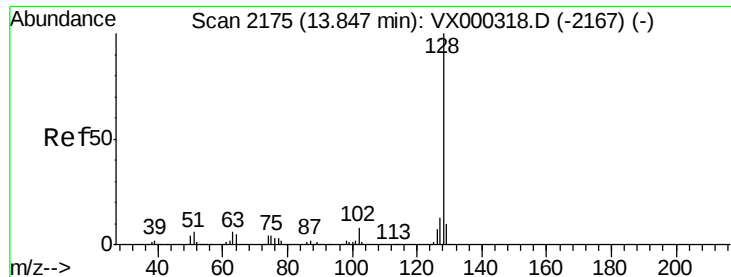
#94
Hexachlorobutadiene
Concen: 22.31 ug/l
RT: 13.79 min Scan# 2166
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.0	96.0
227	61.1	32.6	98.0



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





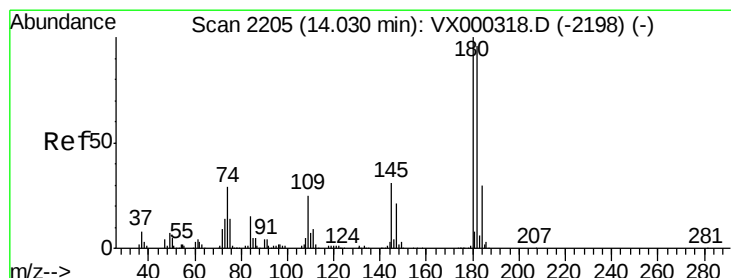
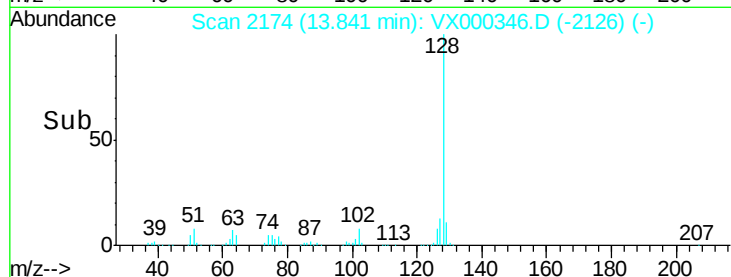
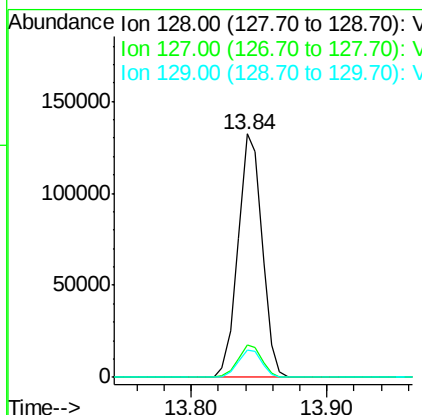
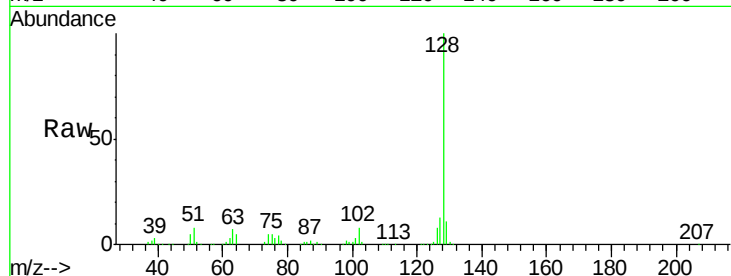
#95
Naphthalene
Concen: 20.76 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.1	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.20 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000346.D
Acq: 16 Mar 2018 14:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.4	142.3
145	30.5	15.8	47.3

