

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071318\
 Data File : VX003360.D
 Acq On : 13 Jul 2018 11:33
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/16/2018 11:24:36 AM

Quant Time: Jul 13 14:44:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 13:52:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	349995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202793	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	3046	0.75	ug/l	98
3) Chloromethane	1.32	50	4251	1.14	ug/l	96
4) Vinyl Chloride	1.40	62	4052	1.06	ug/l	95
5) Bromomethane	1.64	94	3599	2.39	ug/l	97
6) Chloroethane	1.73	64	2772	1.31	ug/l	93
7) Trichlorofluoromethane	1.93	101	5800	1.02	ug/l	97
8) Diethyl Ether	2.19	74	2522	1.23	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3783	1.14	ug/l	99
12) 1,1-Dichloroethene	2.37	96	3624	1.20	ug/l	85
14) Allyl chloride	2.73	41	6732	1.20	ug/l	88
15) Acrylonitrile	3.15	53	11349	6.63	ug/l	99
16) Acetone	2.45	43	8812	5.87	ug/l #	85
17) Carbon Disulfide	2.57	76	9084	1.08	ug/l	96
18) Methyl Acetate	2.78	43	5154	1.22	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	11795	1.17	ug/l	98
20) Methylene Chloride	2.86	84	4862	1.43	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	3676	1.14	ug/l	91
22) Diisopropyl ether	3.87	45	12801	1.12	ug/l	96
23) Vinyl Acetate	3.82	43	50335	5.21	ug/l	98
24) 1,1-Dichloroethane	3.70	63	6966	1.18	ug/l #	91
25) 2-Butanone	4.71	43	13253	4.99	ug/l	95
26) 2,2-Dichloropropane	4.58	77	4832	0.93	ug/l	84
27) cis-1,2-Dichloroethene	4.59	96	3756	0.95	ug/l #	1
28) Bromochloromethane	5.01	49	2911	0.98	ug/l #	88
29) Tetrahydrofuran	5.17	42	8271	4.80	ug/l	95
30) Chloroform	5.21	83	6372	0.98	ug/l	98
31) Cyclohexane	5.57	56	4846	0.87	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	5193	0.90	ug/l #	52
36) 1,1-Dichloropropene	5.79	75	4396	0.82	ug/l	96
37) Ethyl Acetate	4.87	43	5037	0.86	ug/l #	79
38) Carbon Tetrachloride	5.78	117	4331	0.74	ug/l	97
39) Methylcyclohexane	7.46	83	4589	0.73	ug/l	96
40) Benzene	6.15	78	13993	0.88	ug/l	96
41) Methacrylonitrile	5.06	41	2761	0.86	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	6.20	62	5076	0.86	ug/l	98
43) Isopropyl Acetate	6.48	43	7258	0.79	ug/l	94
44) Trichloroethene	7.21	130	3975	0.85	ug/l	86
45) 1,2-Dichloropropane	7.52	63	3483	0.85	ug/l	97
46) Dibromomethane	7.67	93	2238	0.80	ug/l	96
47) Bromodichloromethane	7.90	83	4051	0.78	ug/l	95
48) Methyl methacrylate	7.79	41	3659	0.77	ug/l	93
49) 1,4-Dioxane	7.76	88	1490	15.09	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	21949	3.83	ug/l	97
52) Toluene	8.79	92	8462	0.84	ug/l	93
53) t-1,3-Dichloropropene	8.44	75	4303	0.71	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	3860	0.70	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	3451	0.83	ug/l	93
56) Ethyl methacrylate	9.18	69	4197	0.74	ug/l	92
57) 1,3-Dichloropropane	9.37	76	5594	0.84	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	9637	3.51	ug/l	98
59) 2-Hexanone	9.50	43	15049	3.46	ug/l	98
60) Dibromochloromethane	9.59	129	2875	0.66	ug/l	99
61) 1,2-Dibromoethane	9.68	107	3334	0.77	ug/l	97
64) Tetrachloroethene	9.34	164	4252	0.80	ug/l	95
65) Chlorobenzene	10.14	112	9756	0.82	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	3086	0.72	ug/l #	66
67) Ethyl Benzene	10.26	91	14299	0.74	ug/l	95
68) m/p-Xylenes	10.36	106	10576	1.41	ug/l	100
69) o-Xylene	10.70	106	4966	0.69	ug/l	92
70) Styrene	10.71	104	8282	0.70	ug/l	95
71) Bromoform	10.86	173	2022	0.57	ug/l #	95
73) Isopropylbenzene	11.02	105	13229	0.83	ug/l	100
74) N-amyl acetate	6.48	43	7258	0.95	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	4624	0.93	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	4202m	0.96	ug/l	
77) Bromobenzene	11.26	156	4032	0.87	ug/l	99
78) n-propylbenzene	11.36	91	14879	0.84	ug/l	97
79) 2-Chlorotoluene	11.42	91	10174	0.94	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	10380	0.78	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	999	0.74	ug/l	90
82) 4-Chlorotoluene	11.51	91	11183	0.88	ug/l	99
83) tert-Butylbenzene	11.77	119	10871	0.82	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	10150	0.74	ug/l	95
85) sec-Butylbenzene	11.95	105	12665	0.80	ug/l	100
86) p-Isopropyltoluene	12.07	119	11085	0.77	ug/l	95
87) 1,3-Dichlorobenzene	12.03	146	8174	0.96	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	8361m	0.97	ug/l	
89) n-Butylbenzene	12.39	91	9861	0.82	ug/l	100
90) Hexachloroethane	12.60	117	1808	0.83	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	7993	0.94	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	894	0.84	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	4963	0.80	ug/l	99
94) Hexachlorobutadiene	13.79	225	2511	0.81	ug/l	96
95) Naphthalene	13.83	128	11760	0.73	ug/l	98

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ClientSampleId :
VSTDICC001

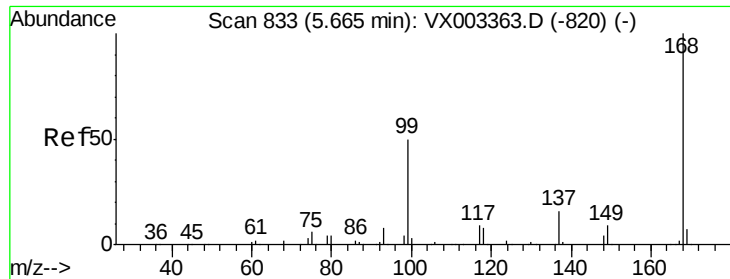
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	4849	0.78	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 268777

Ion Ratio Lower Upper

168 100

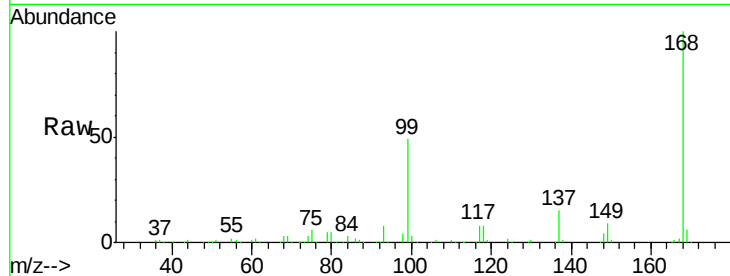
99 49.3 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

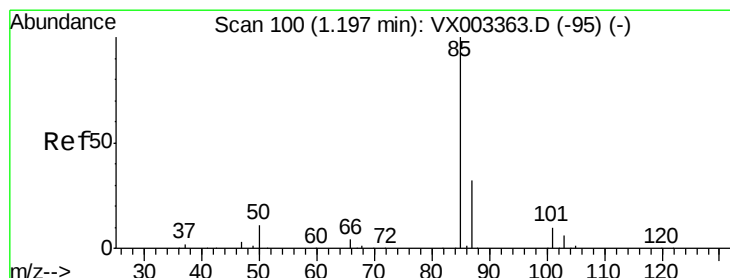
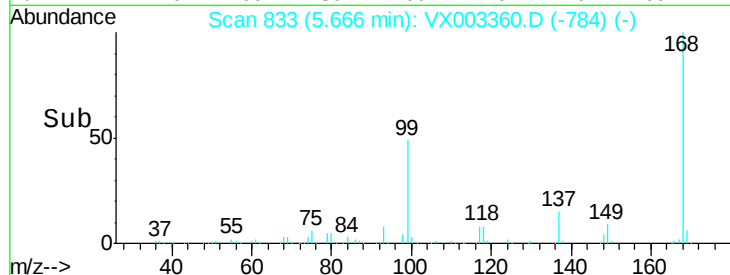
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.75 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003360.D

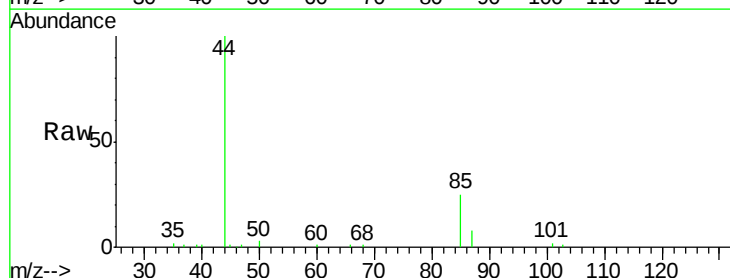
Acq: 13 Jul 2018 11:33

Tgt Ion: 85 Resp: 3046

Ion Ratio Lower Upper

85 100

87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

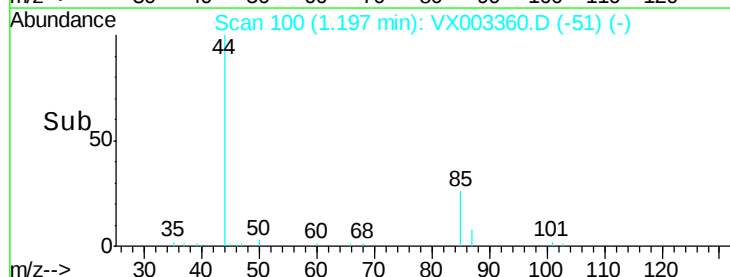
3000

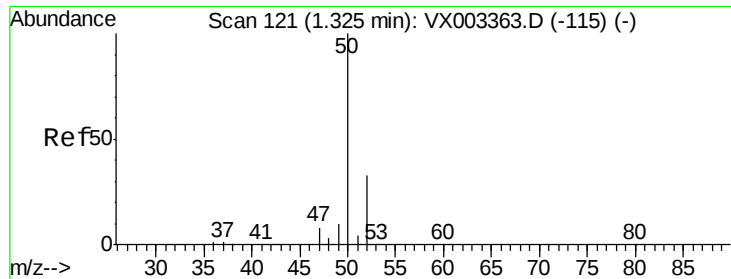
2000

1000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 1.14 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 4251

Ion Ratio Lower Upper

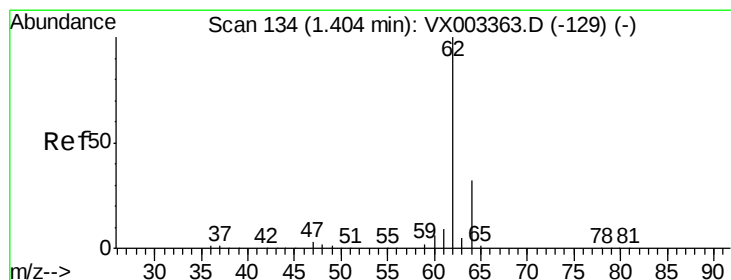
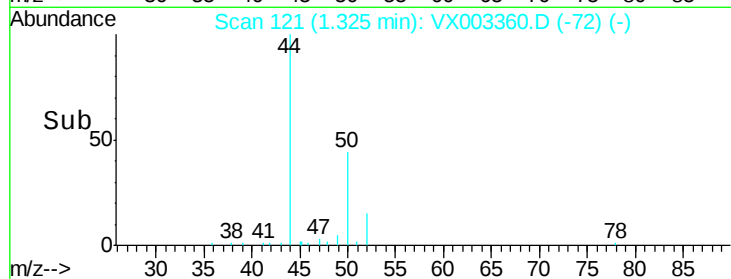
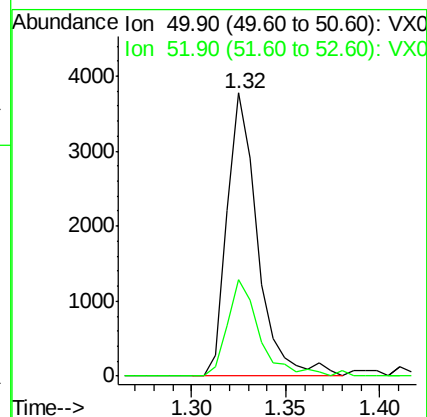
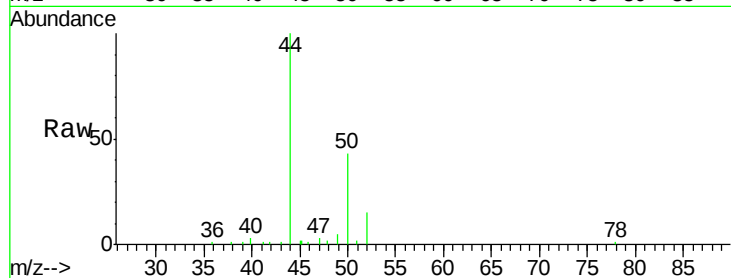
50 100

52 34.2 25.7 38.5

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#4

Vinyl Chloride

Concen: 1.06 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003360.D

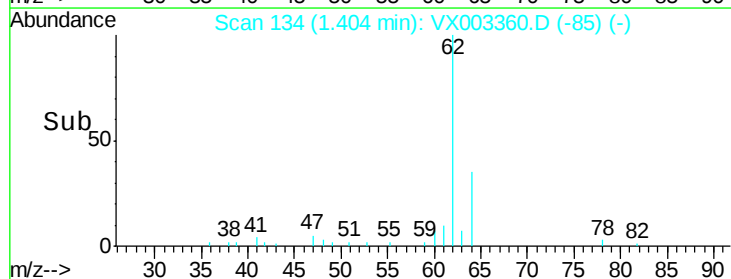
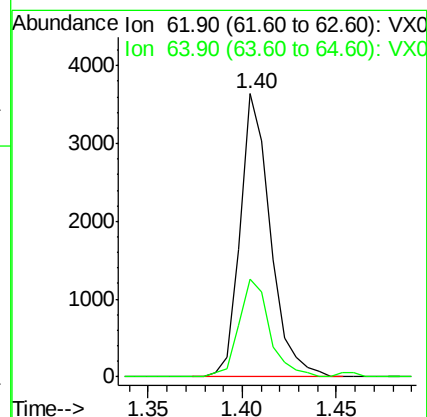
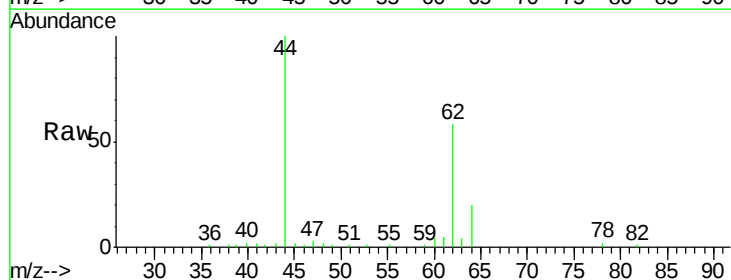
Acq: 13 Jul 2018 11:33

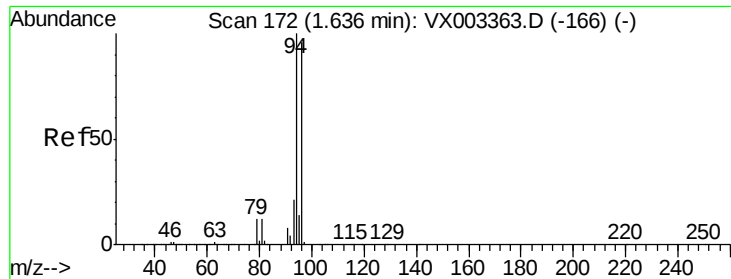
Tgt Ion: 62 Resp: 4052

Ion Ratio Lower Upper

62 100

64 34.6 25.4 38.2





#5

Bromomethane

Concen: 2.39 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 3599

Ion Ratio Lower Upper

94 100

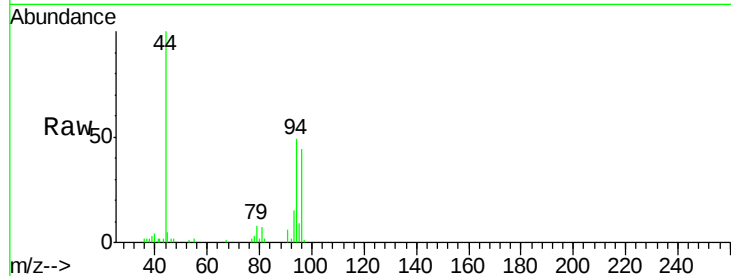
96 90.5 74.9 112.3

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

2000

1500

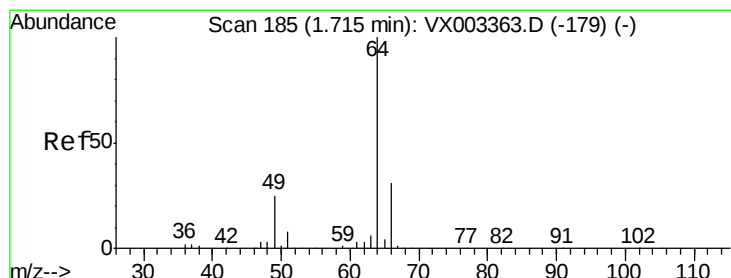
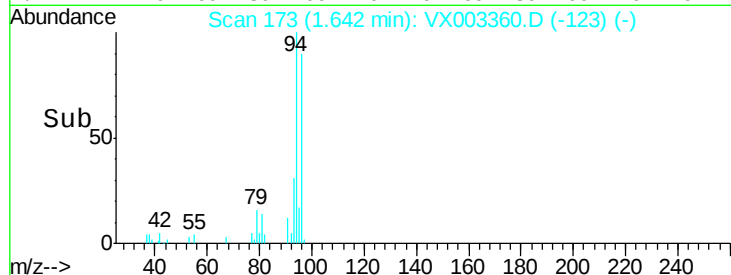
1000

500

0

Time-->

1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 1.31 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003360.D

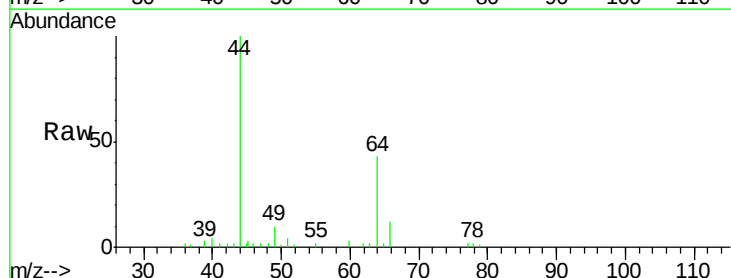
Acq: 13 Jul 2018 11:33

Tgt Ion: 64 Resp: 2772

Ion Ratio Lower Upper

64 100

66 28.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

2000

1500

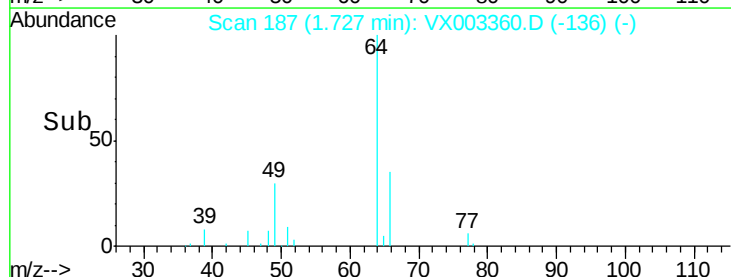
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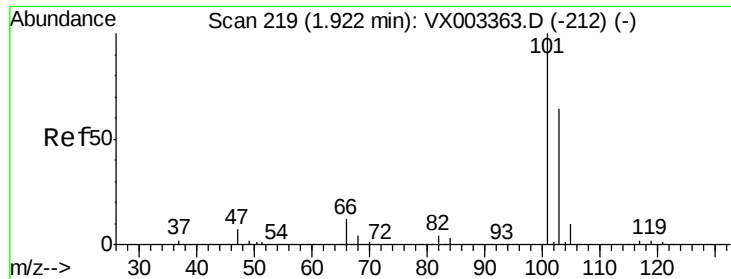
500

0

Time-->

1.65 1.70 1.75 1.80





#7

Trichlorofluoromethane

Concen: 1.02 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:101 Resp: 5800

Ion Ratio Lower Upper

101 100

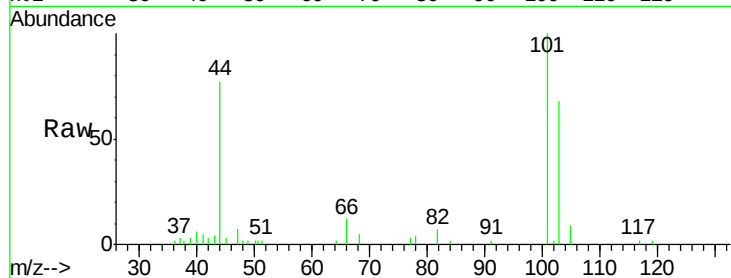
103 68.3 52.8 79.2

Manual Integrations

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

4000

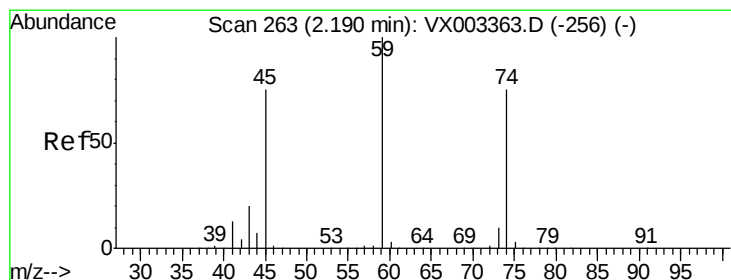
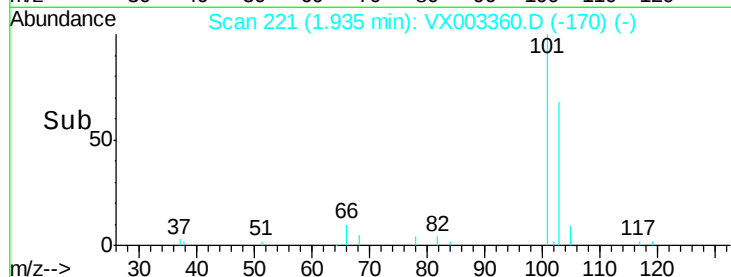
3000

2000

1000

0

Time--> 1.85 1.90 1.95 2.00



#8

Diethyl Ether

Concen: 1.23 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003360.D

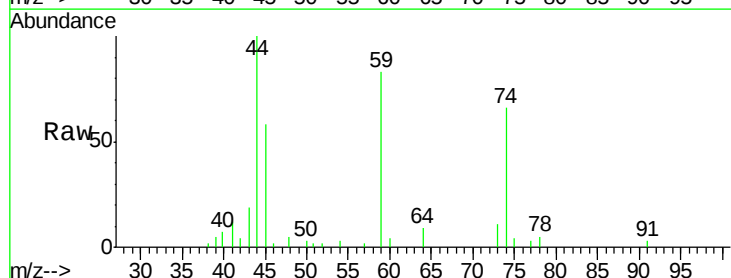
Acq: 13 Jul 2018 11:33

Tgt Ion: 74 Resp: 2522

Ion Ratio Lower Upper

74 100

45 107.3 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

2000

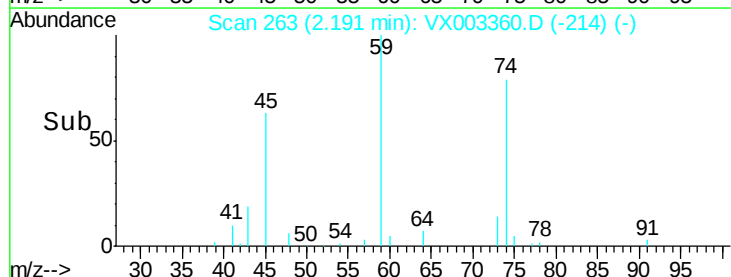
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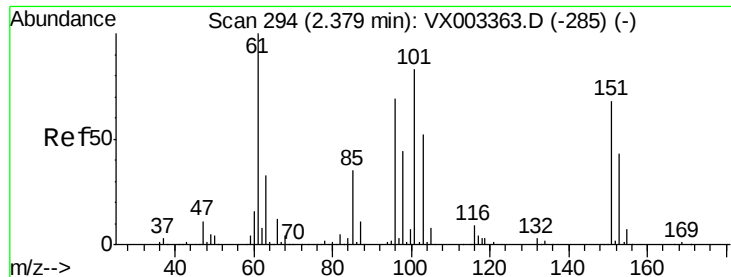
1000

500

0

Time--> 2.15 2.20 2.25





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.14 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

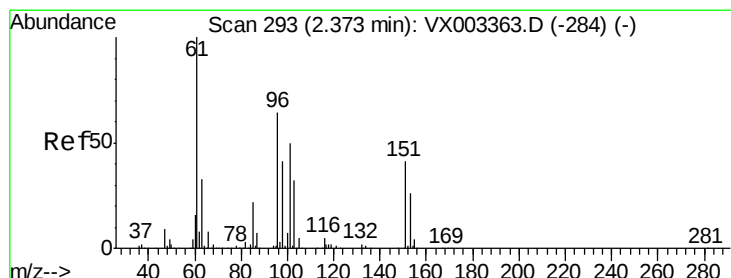
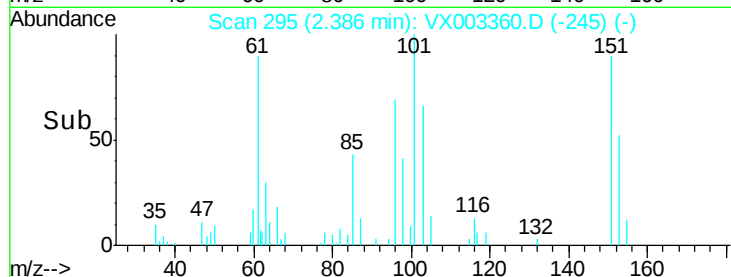
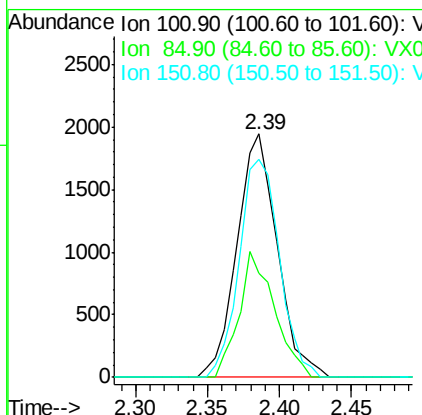
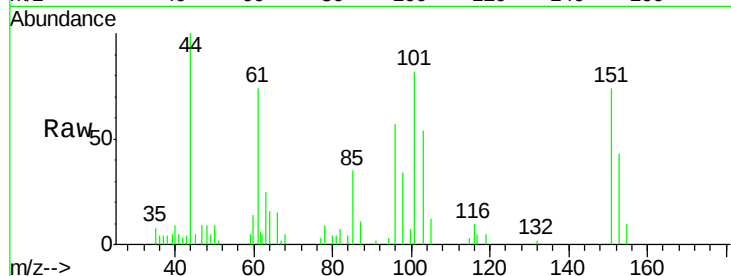
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.5	36.0	54.0
151	89.2	70.9	106.3

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#12

1,1-Dichloroethene

Concen: 1.20 ug/l

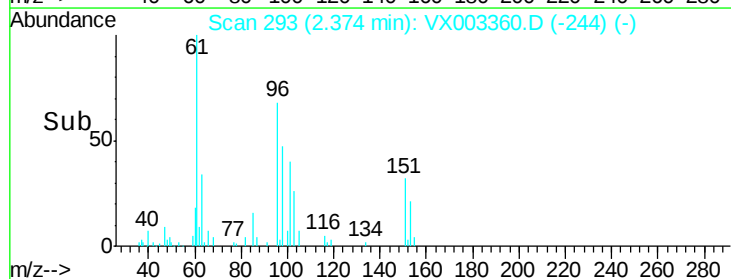
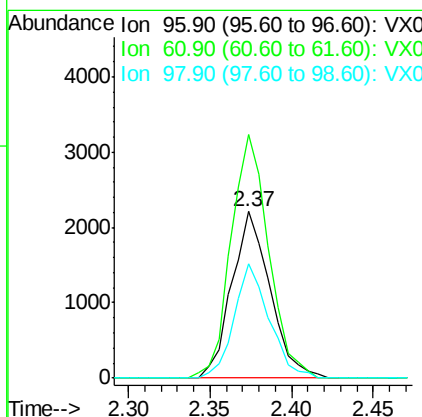
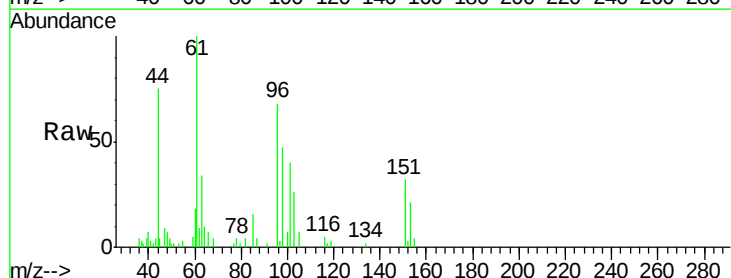
RT: 2.37 min Scan# 293

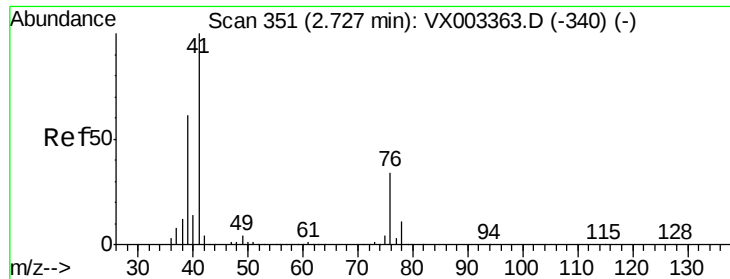
Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.4	137.9	206.9
98	68.6	51.6	77.4





#14

Allvl chloride

Concen: 1.20 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003360.D

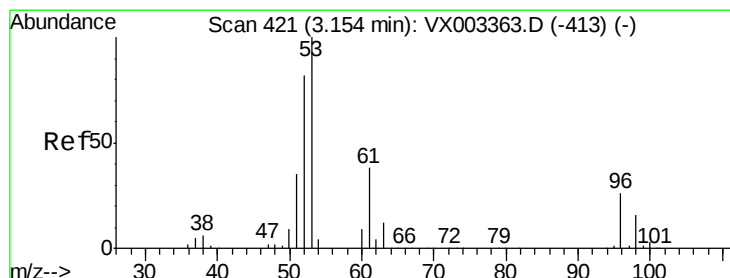
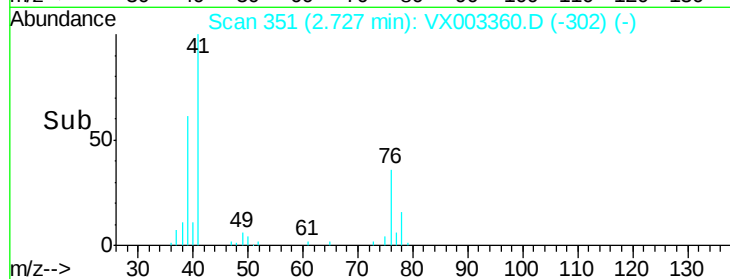
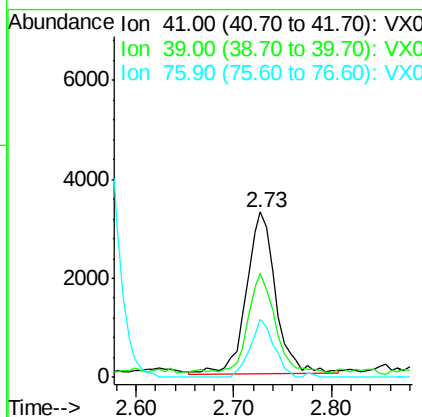
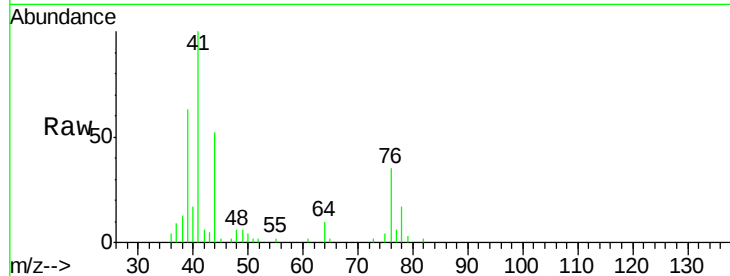
Acq: 13 Jul 2018 11:33

Tot Ion:	41	Resp:	6732
Ion	Ratio	Lower	Upper
41	100		
39	56.9	56.8	85.2
76	29.5	23.8	35.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Manual Integrations
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#15

Acrylonitrile

Concen: 6.63 ug/l

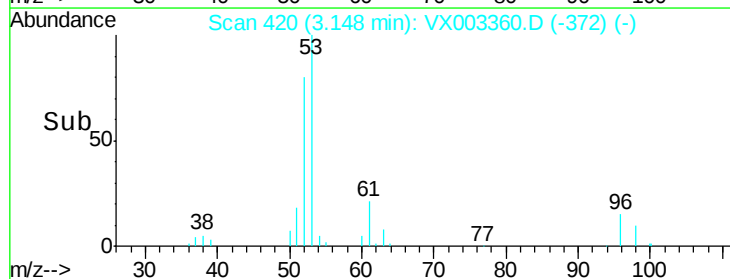
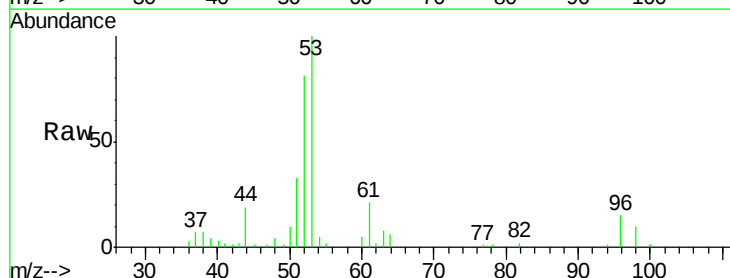
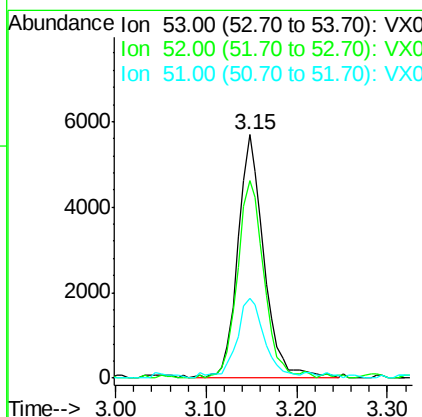
RT: 3.15 min Scan# 420

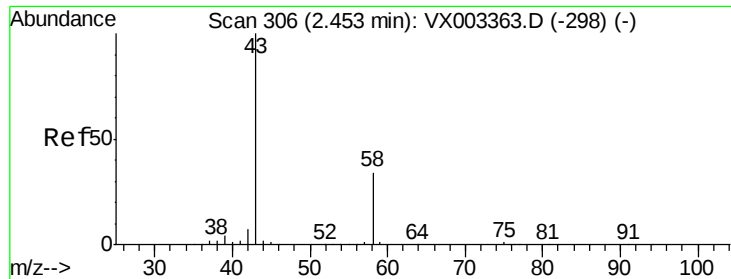
Delta R.T. -0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Tgt Ion:	53	Resp:	11349
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.7	100.1
51	35.3	29.9	44.9





#16

Acetone

Concen: 5.87 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 8812

Ion Ratio Lower Upper

43 100

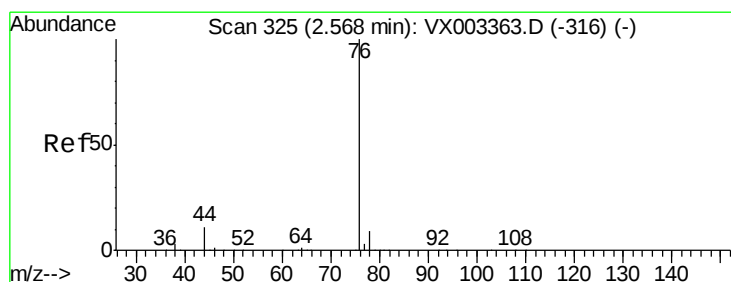
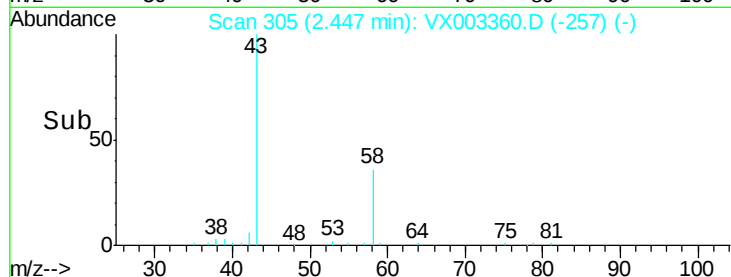
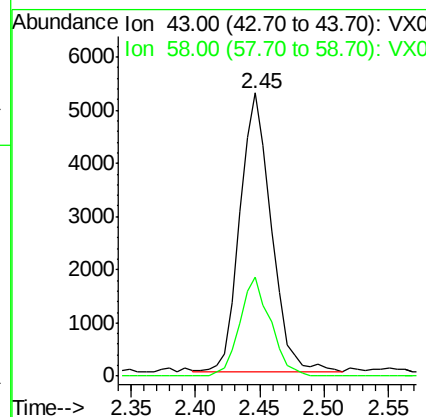
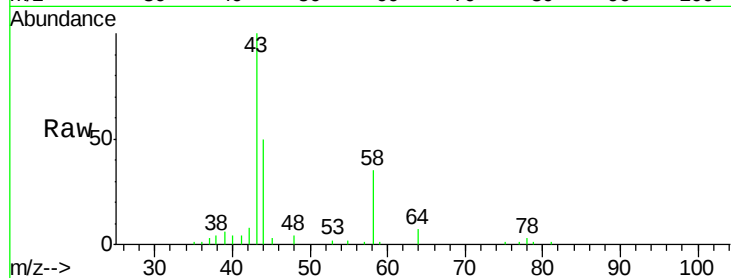
58 35.5 22.1 33.1#

Manual Integrations

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#17

Carbon Disulfide

Concen: 1.08 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003360.D

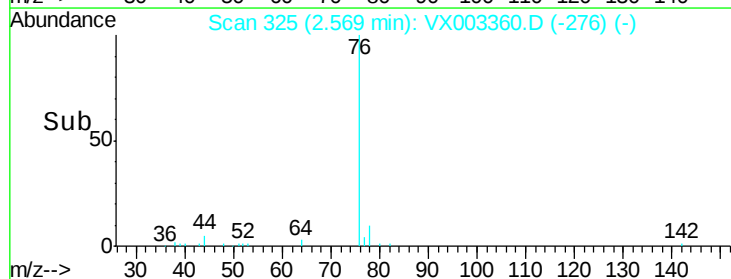
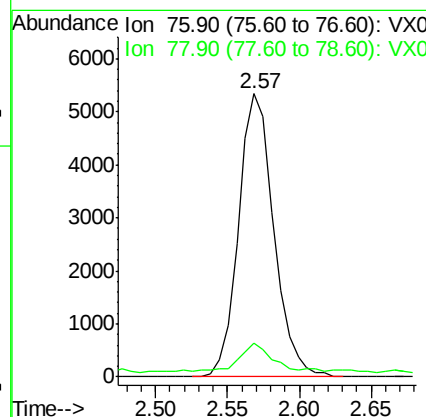
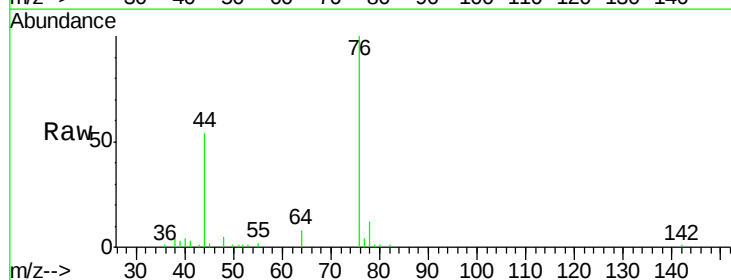
Acq: 13 Jul 2018 11:33

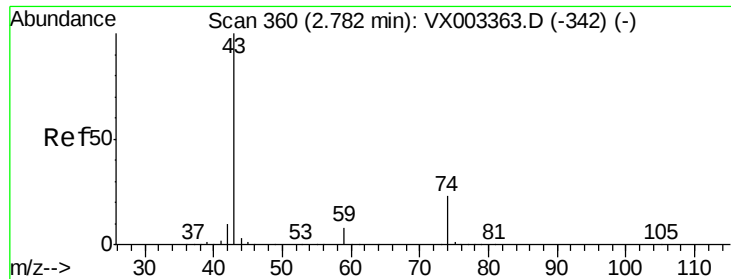
Tgt Ion: 76 Resp: 9084

Ion Ratio Lower Upper

76 100

78 10.1 6.9 10.3





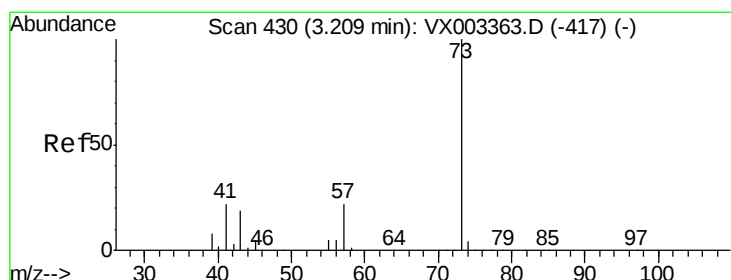
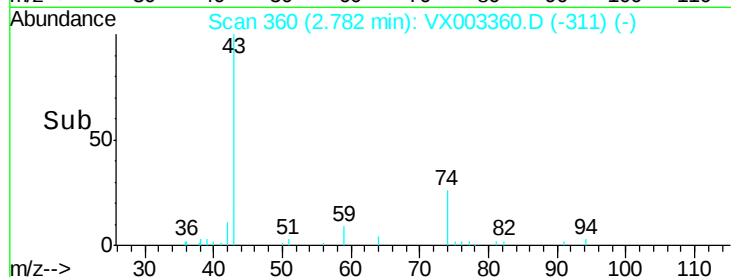
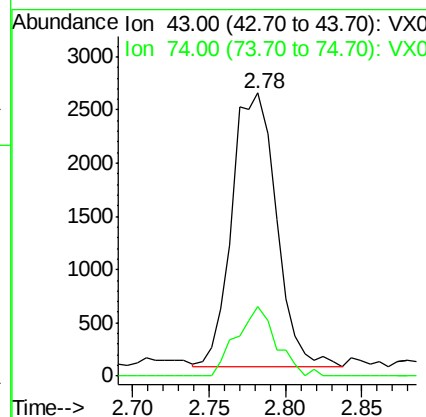
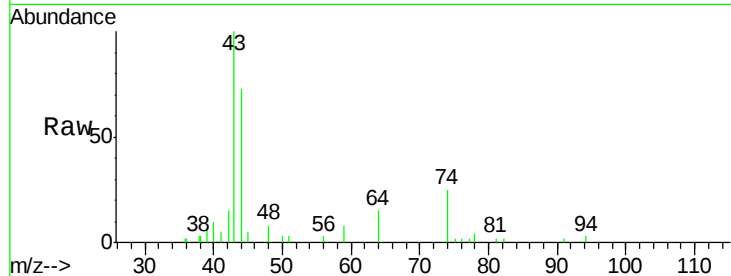
#18
Methyl Acetate
Concen: 1.22 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 5154
Ion Ratio Lower Upper
43 100
74 22.7 16.7 25.1

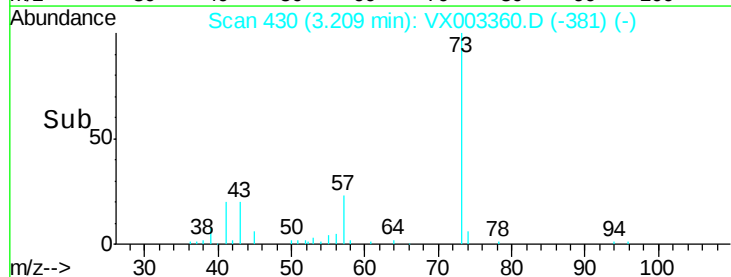
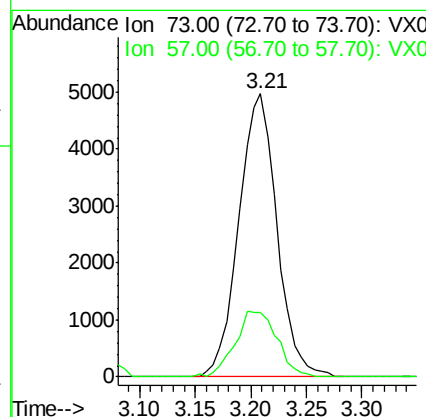
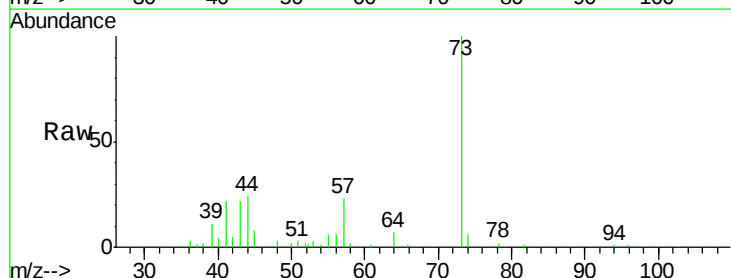
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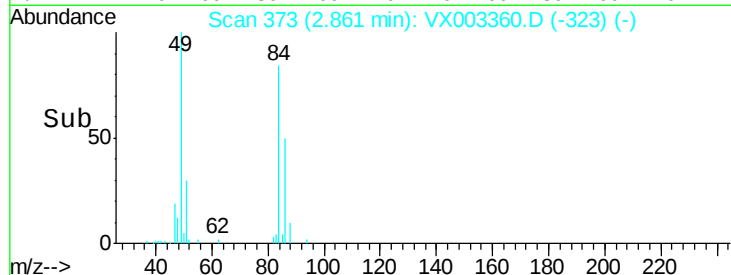
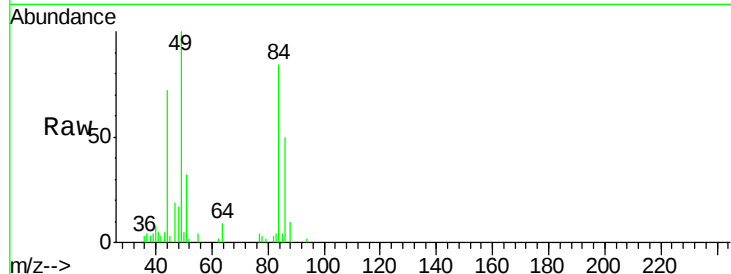
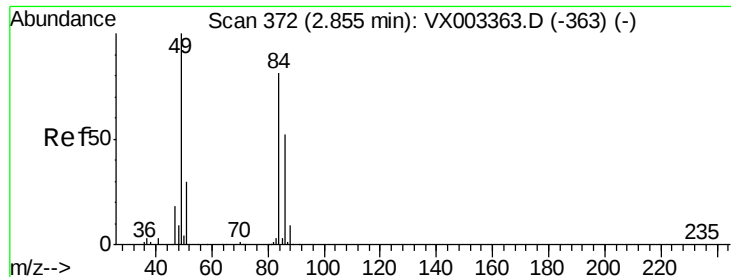
MMDadoda
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#19
Methyl tert-butyl Ether
Concen: 1.17 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion: 73 Resp: 11795
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5





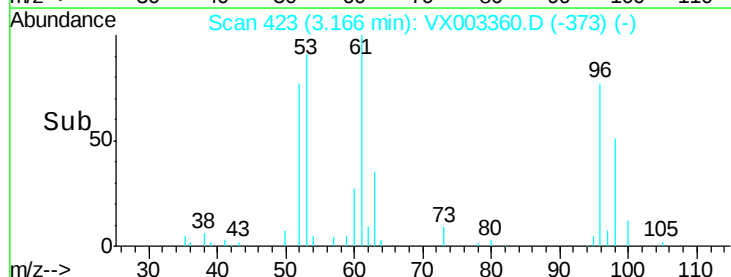
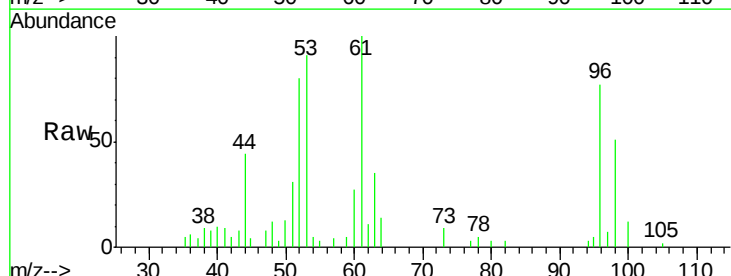
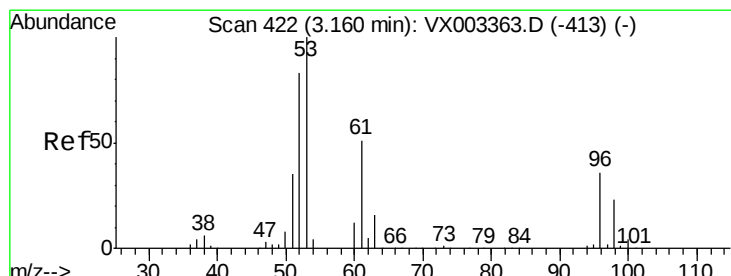
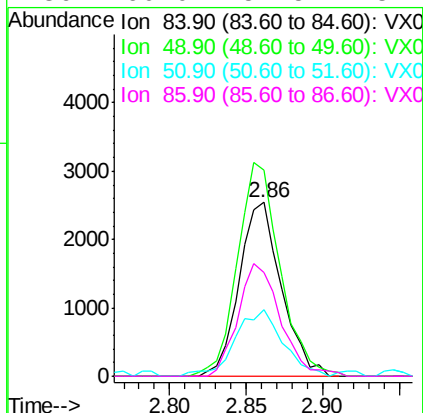
#20
Methvlene Chloride
Concen: 1.43 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tot Ion:	84	Resp:	4862
Ion	Ratio	Lower	Upper
84	100		
49	118.8	107.8	161.6
51	36.0	32.8	49.2
86	60.0	52.5	78.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

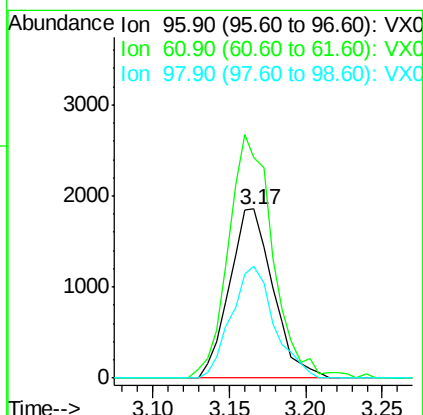
Manual Integrations
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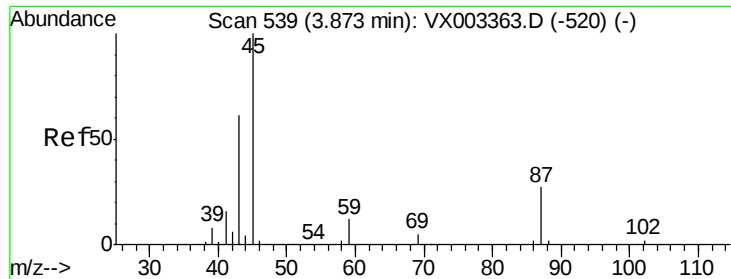
MMDadoda
7/16/2018 11:24:36 AM



#21
trans-1,2-Dichloroethene
Concen: 1.14 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion:	96	Resp:	3676
Ion	Ratio	Lower	Upper
96	100		
61	130.2	117.0	175.4
98	65.9	52.4	78.6





#22

Diisopropyl ether

Concen: 1.12 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

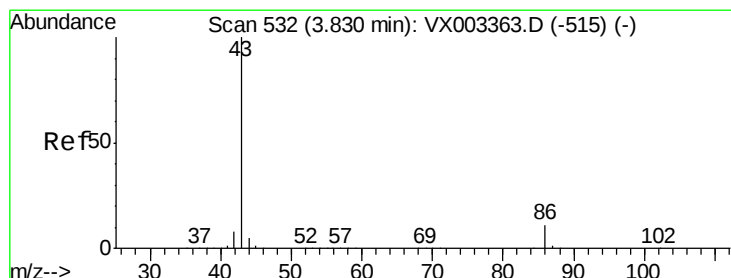
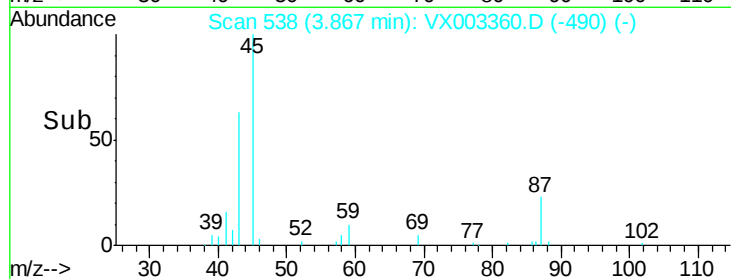
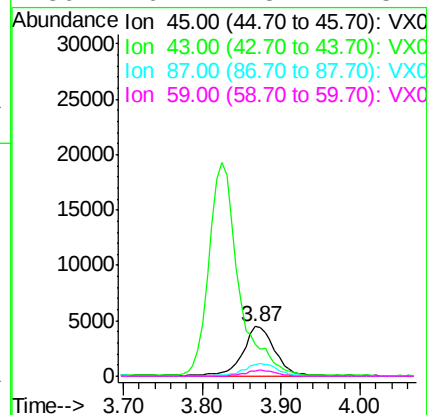
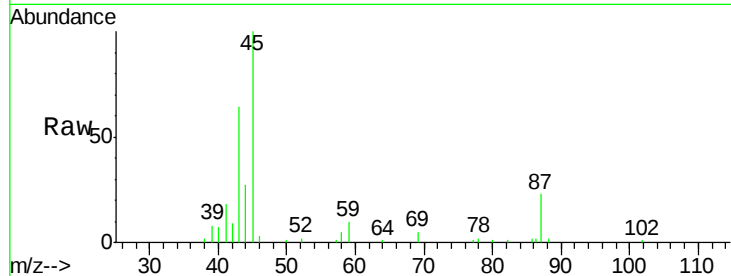
ClientSampleId :

VSTDIC001

Tot Ion:	45	Resp:	12801
Ion Ratio	Lower	Upper	
45	100		
43	61.7	46.8	70.2
87	23.0	20.2	30.4
59	10.2	8.7	13.1

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#23

Vinyl Acetate

Concen: 5.21 ug/l

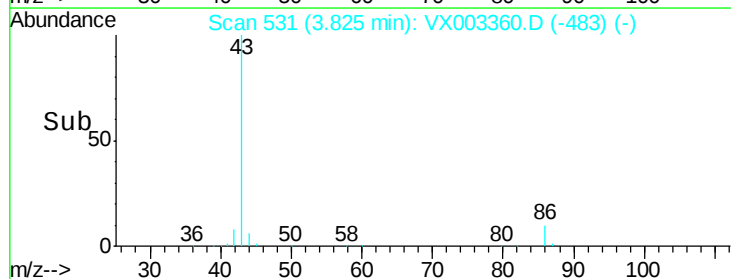
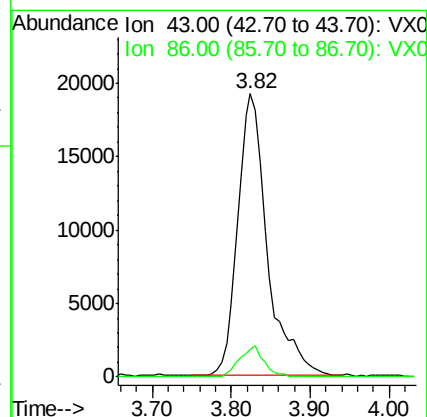
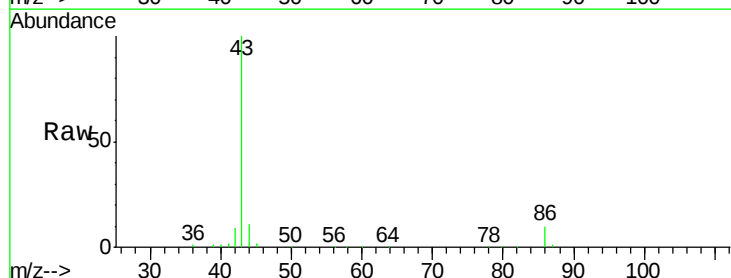
RT: 3.82 min Scan# 531

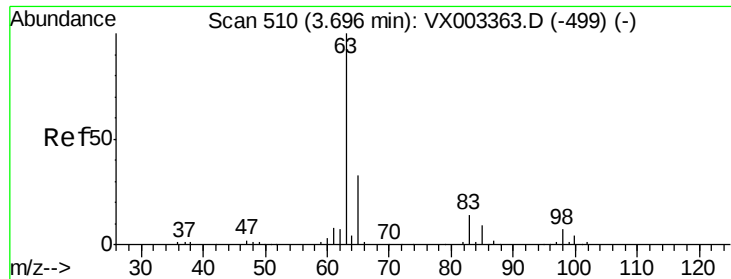
Delta R.T. -0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Tgt Ion:	43	Resp:	50335
Ion Ratio	Lower	Upper	
43	100		
86	9.9	7.4	11.0





#24

1,1-Dichloroethane

Concen: 1.18 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

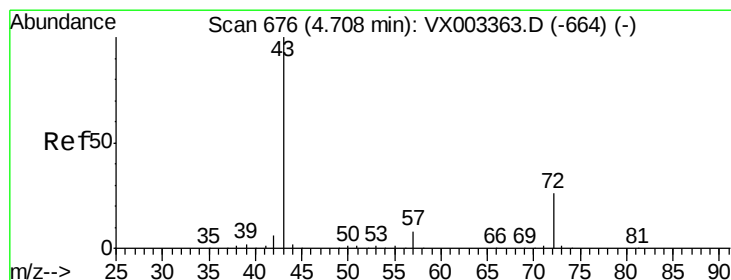
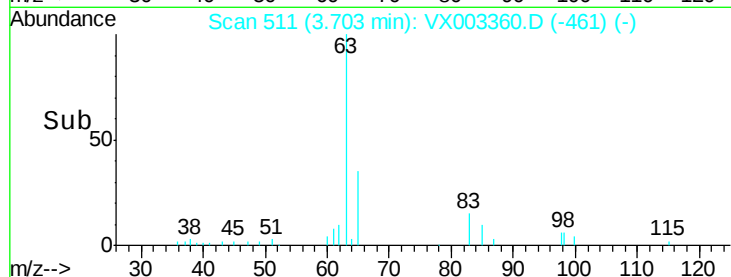
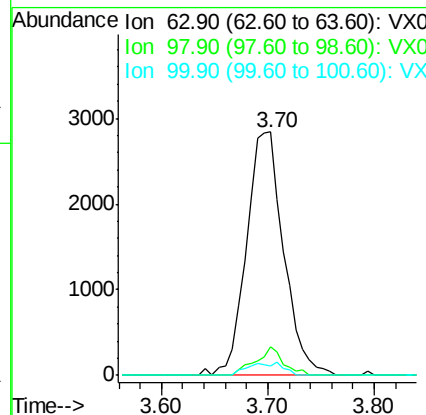
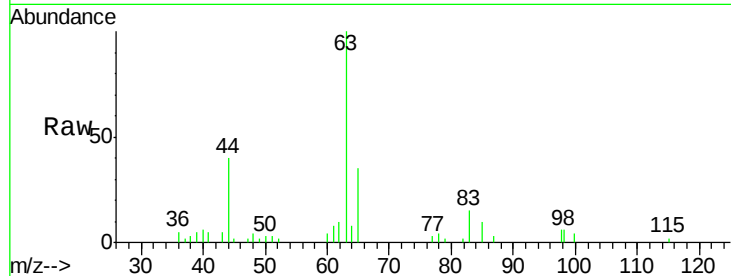
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	6966
Ion Ratio	Lower	Upper	
63	100		
98	11.8	3.4	10.2#
100	4.1	2.0	6.0

Manual Integrations
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#25

2-Butanone

Concen: 4.99 ug/l

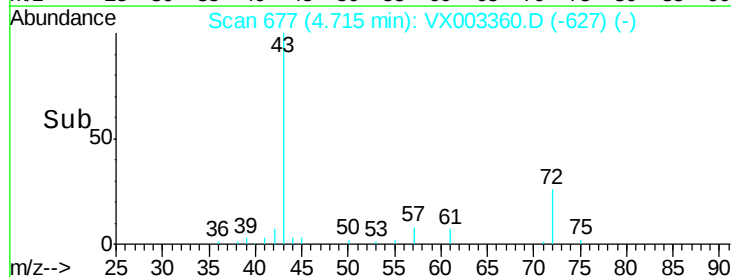
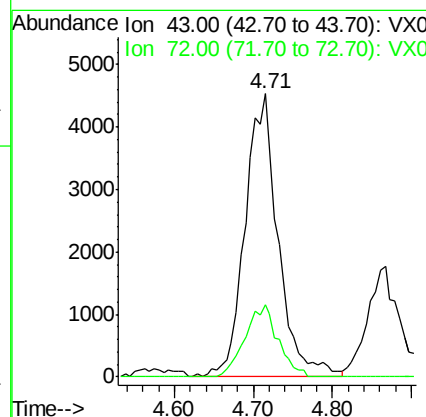
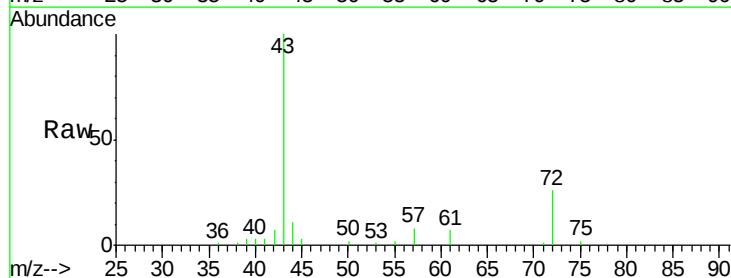
RT: 4.71 min Scan# 677

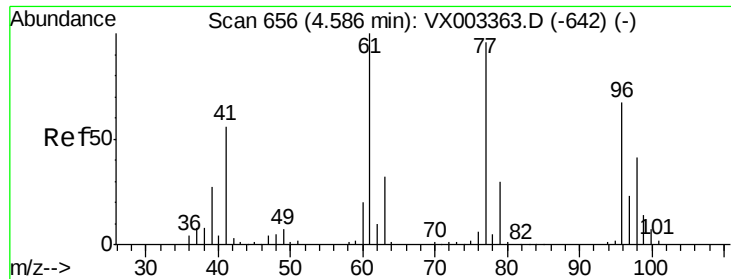
Delta R.T. 0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Tgt Ion:	43	Resp:	13253
Ion Ratio	Lower	Upper	
43	100		
72	25.7	18.5	27.7





#26

2,2-Dichloropropane

Concen: 0.93 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 77 Resp: 4832

Ion Ratio Lower Upper

77 100

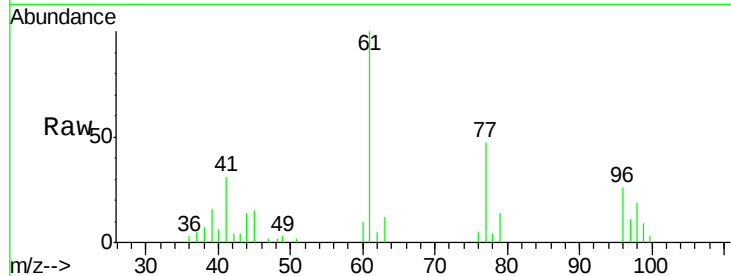
97 14.6 11.2 33.5

Manual Integrations

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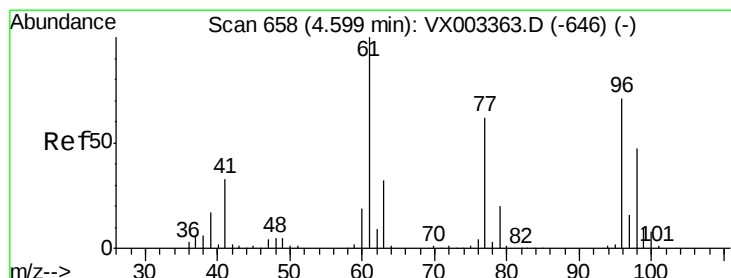
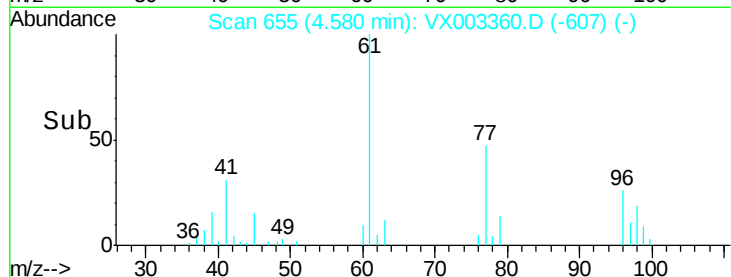
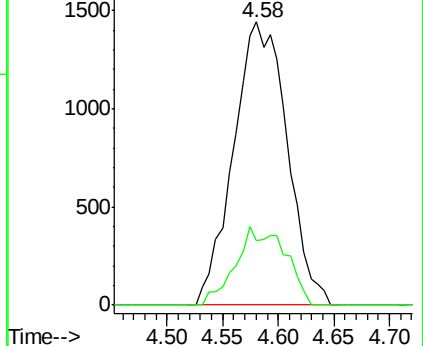
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Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.95 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

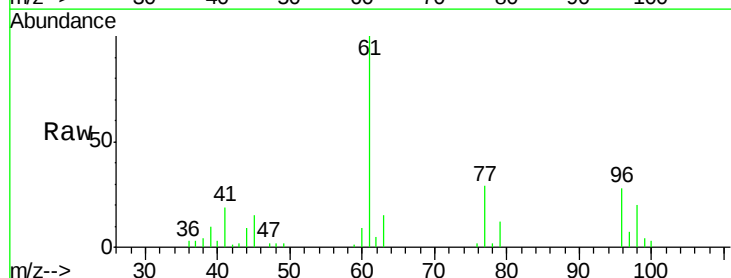
Tgt Ion: 96 Resp: 3756

Ion Ratio Lower Upper

96 100

61 568.2 0.0 330.2#

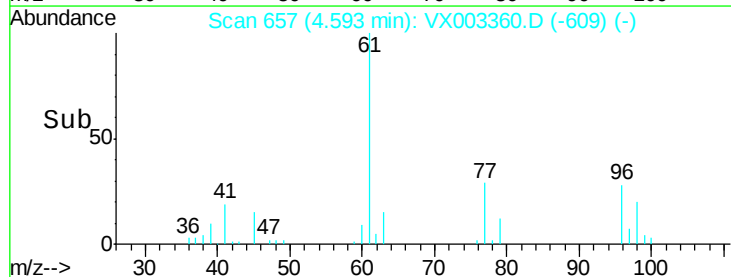
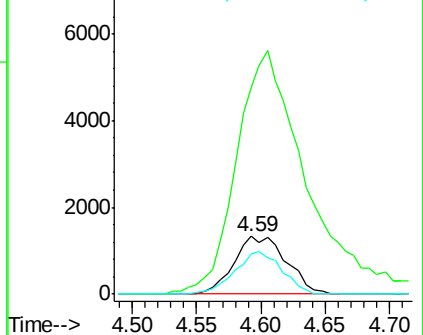
98 66.3 0.0 130.2

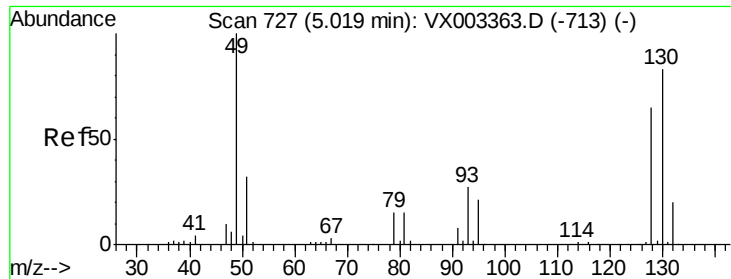


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





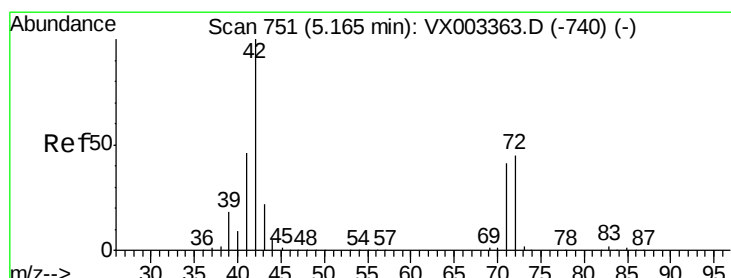
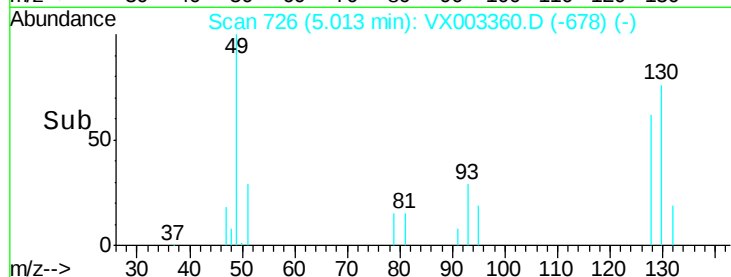
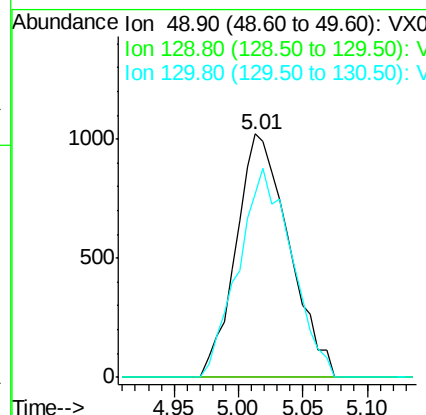
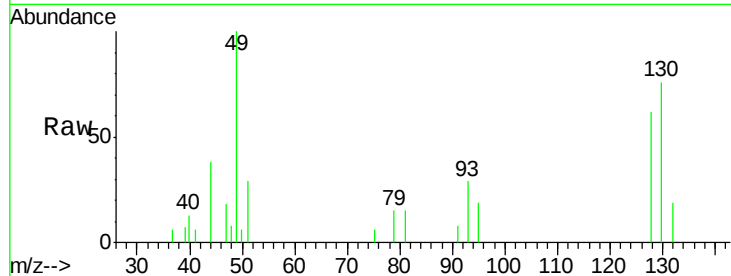
#28
Bromochloromethane
Concen: 0.98 ug/l
RT: 5.01 min Scan# 726
Delta R.T. -0.01 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	87.0	61.2	91.8

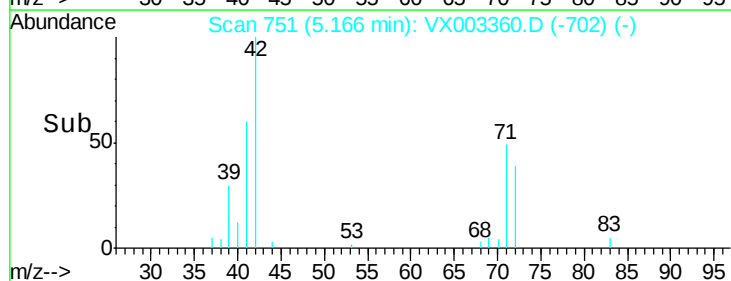
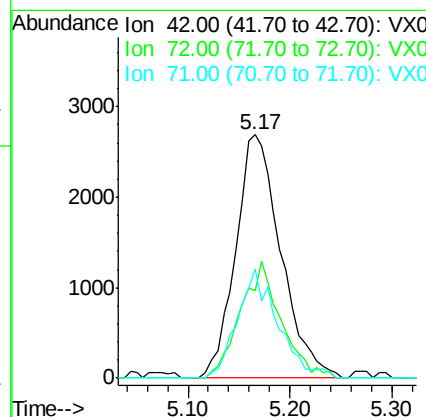
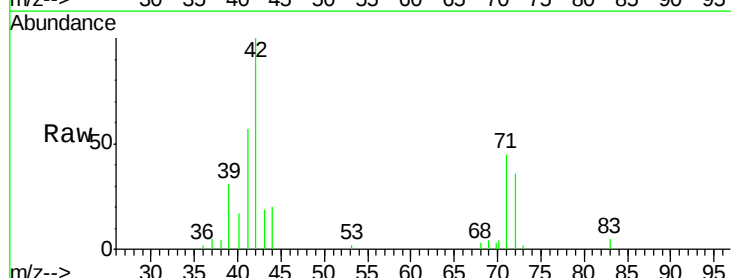
Manual Integrations
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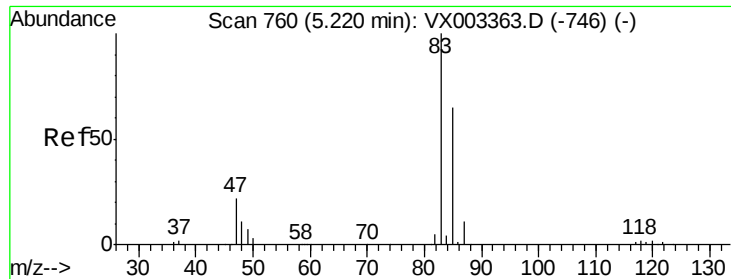
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#29
Tetrahydrofuran
Concen: 4.80 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.2	32.0	48.0
71	40.0	30.1	45.1





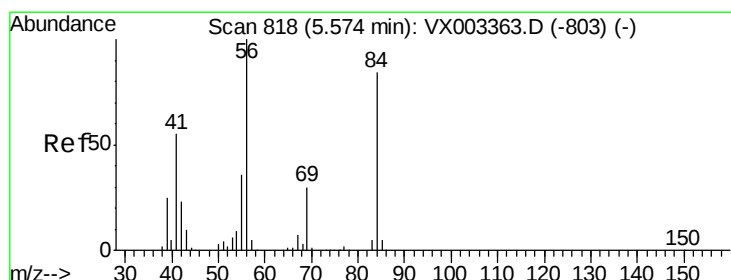
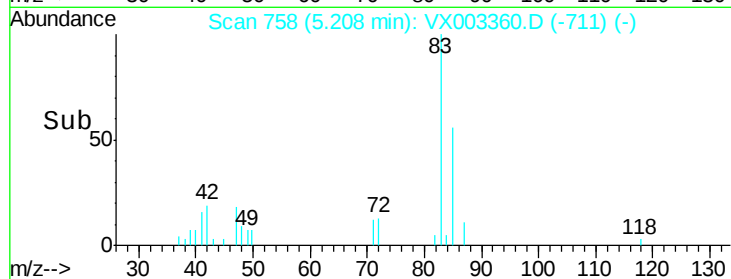
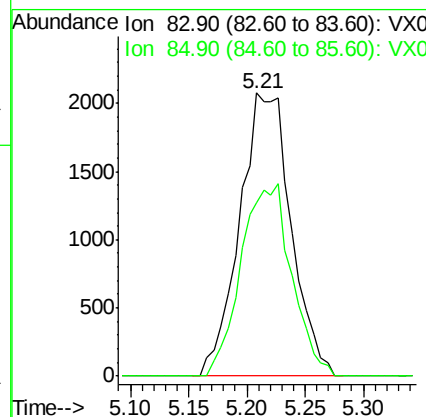
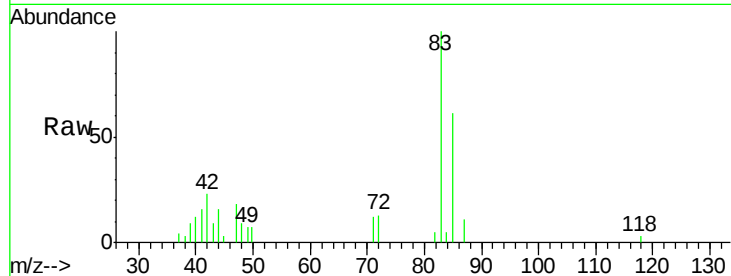
#30
Chloroform
Concen: 0.98 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 6372
Ion Ratio Lower Upper
83 100
85 61.3 50.4 75.6

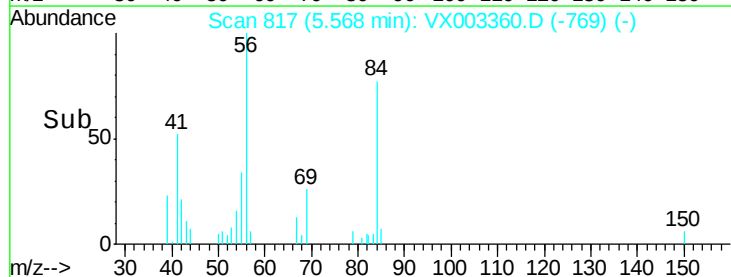
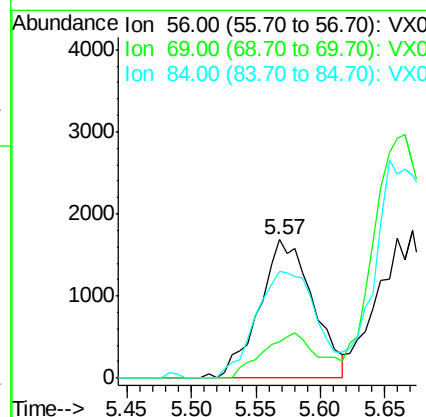
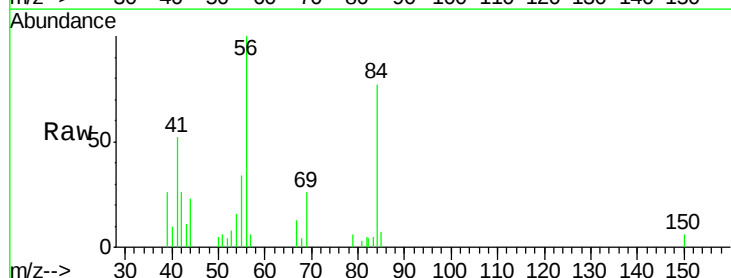
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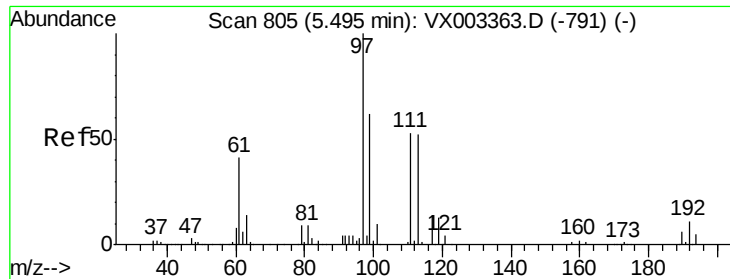
MMDadoda
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#31
Cyclohexane
Concen: 0.87 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion: 56 Resp: 4846
Ion Ratio Lower Upper
56 100
69 26.5 23.7 35.5
84 77.1 64.1 96.1





#32

1,1,1-Trichloroethane

Concen: 0.90 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

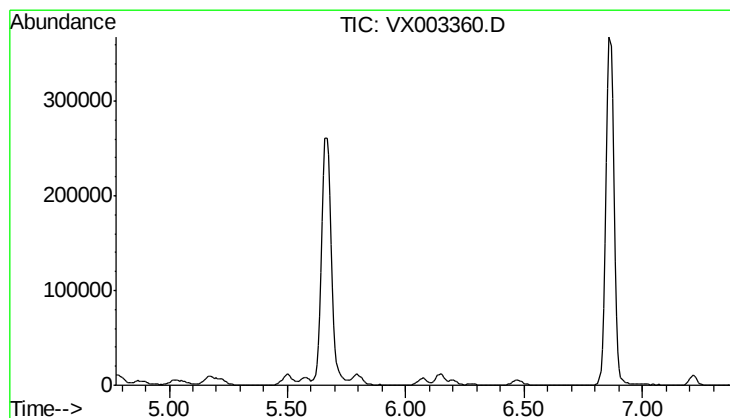
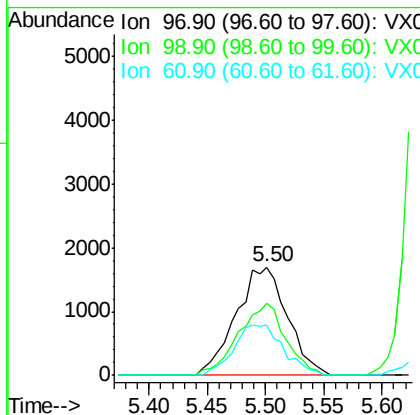
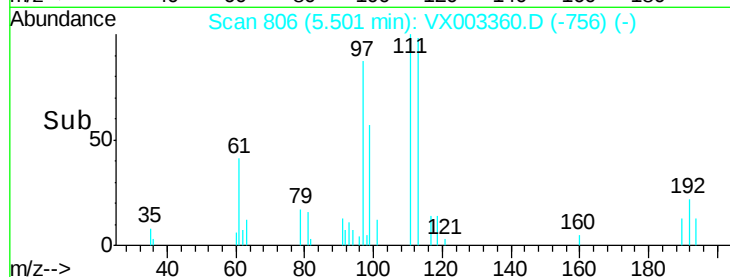
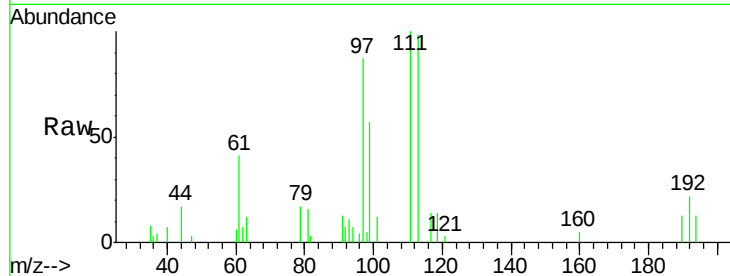
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	0.0	51.6	77.4#	
61	45.2	36.4	54.6	

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#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

Expected RT: 6.07 min

Lab File: VX003360.D

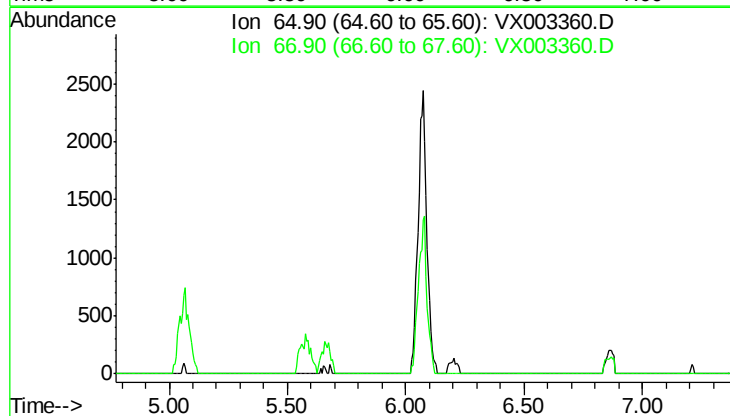
Acq: 13 Jul 2018 11:33

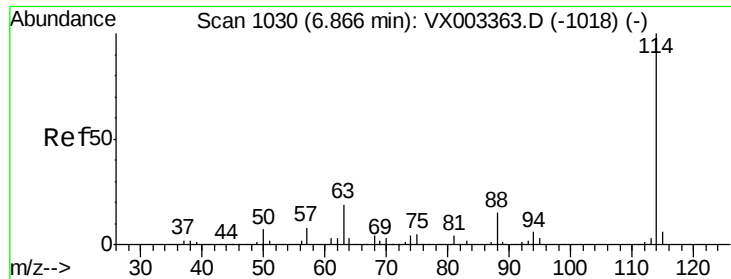
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.3





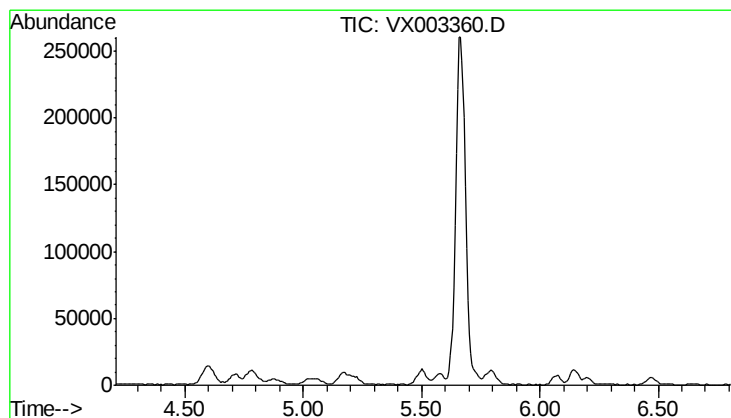
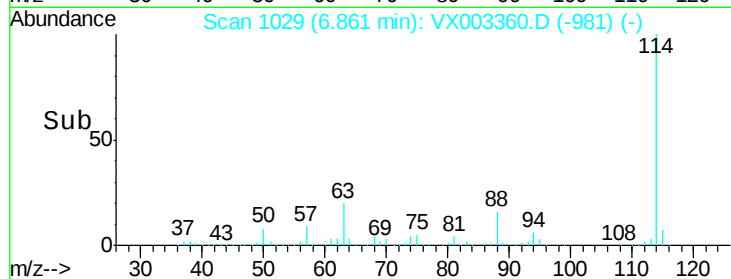
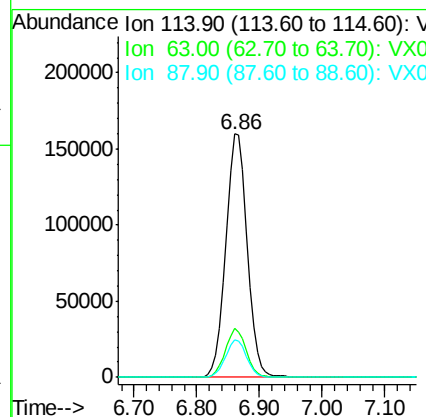
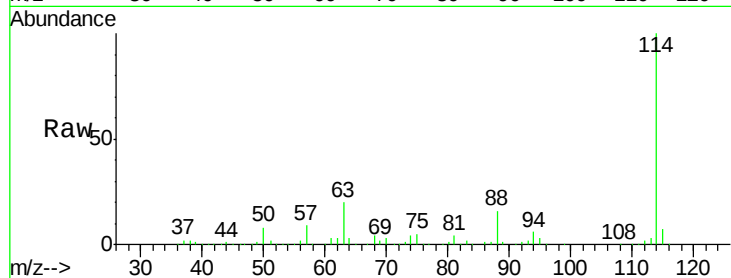
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	20.1	0.0	41.4
88	15.6	0.0	30.0

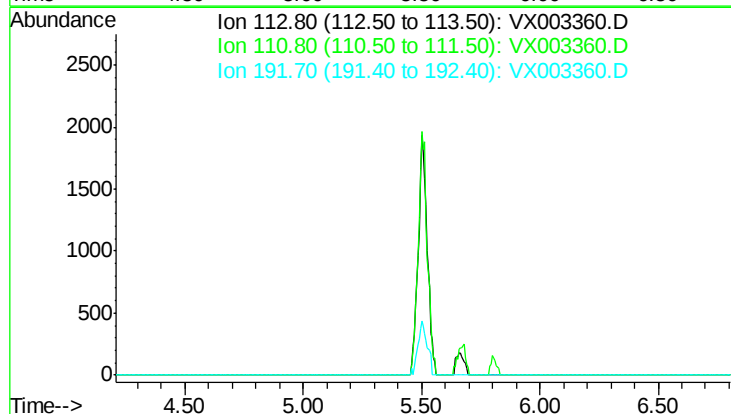
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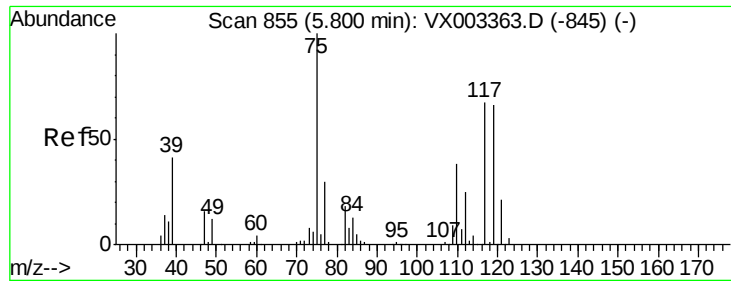
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#35
 Dibromofluoromethane
 Concen: 0.00 ug/l
 Expected RT: 5.51 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion	Exp Ratio
113	100
111	101.7
192	23.9





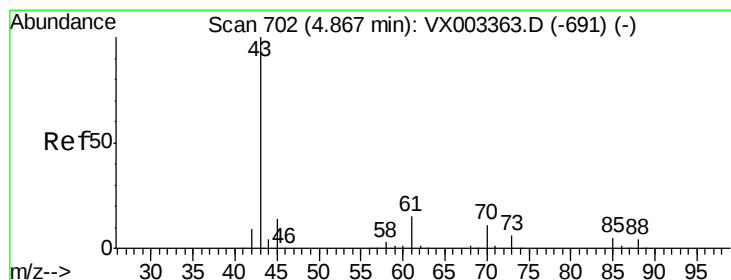
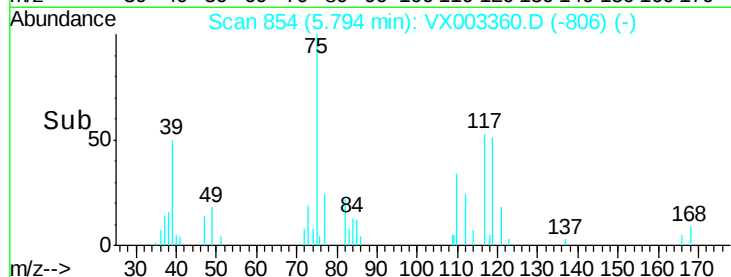
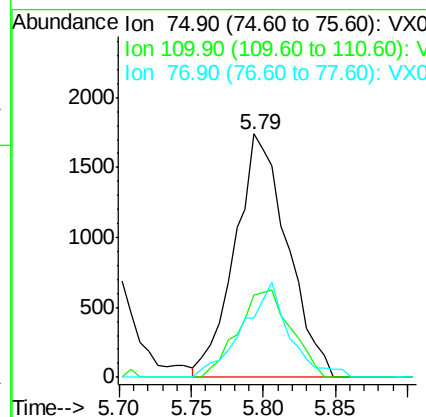
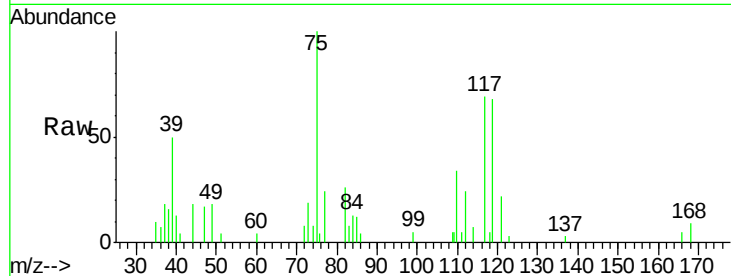
#36
 1,1-Dichloropropene
 Concen: 0.82 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.1	54.4
77	34.6	24.3	36.5

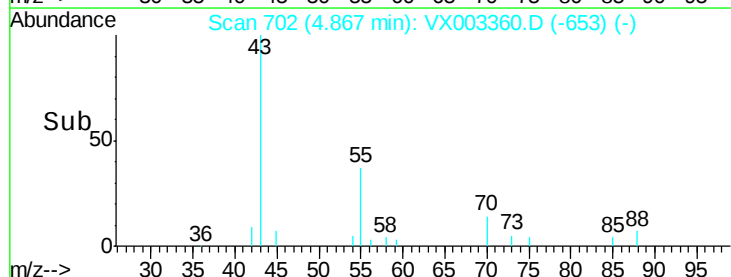
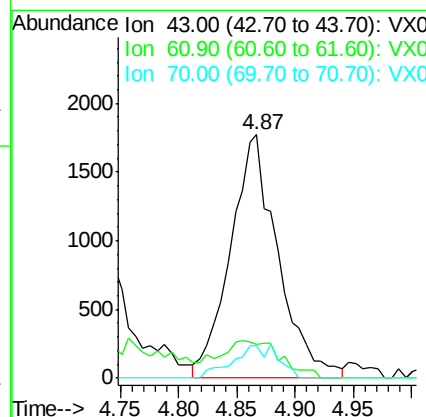
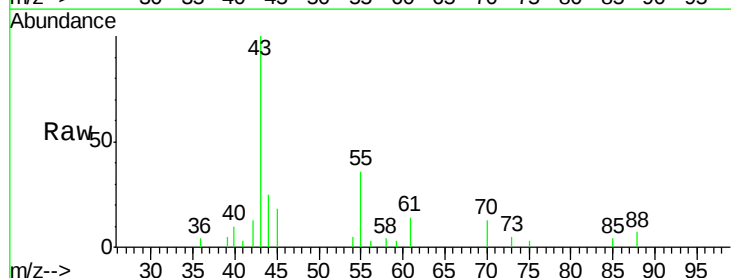
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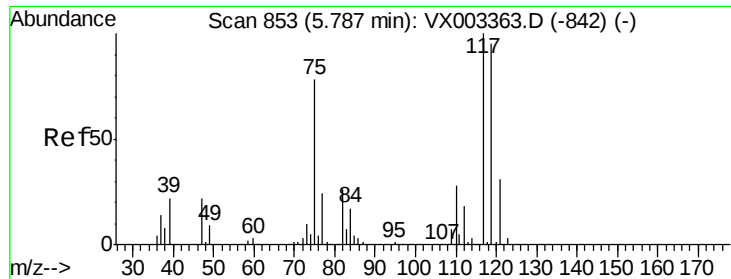
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#37
 Ethyl Acetate
 Concen: 0.86 ug/l
 RT: 4.87 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.0	10.4	15.6#
70	0.0	7.6	11.4#





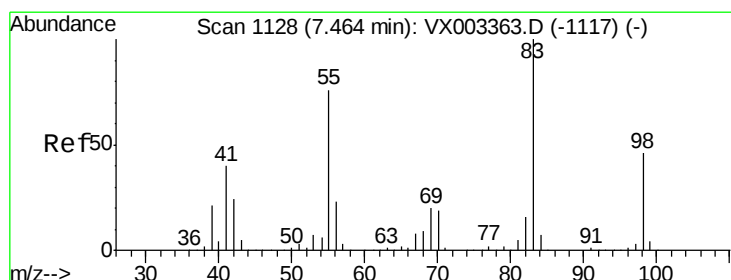
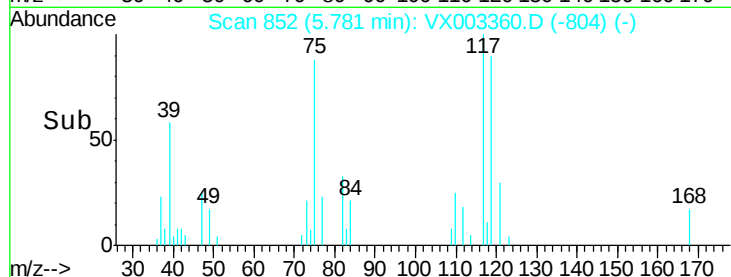
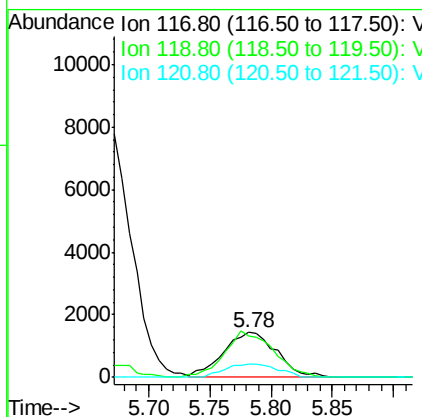
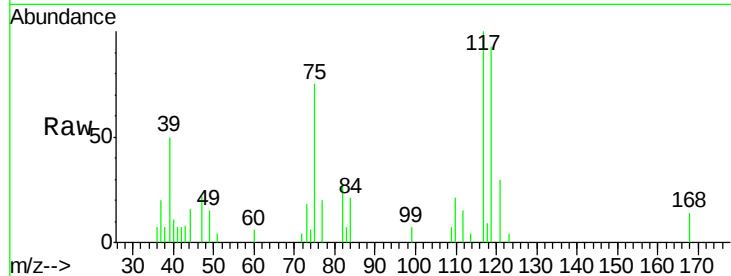
#38
Carbon Tetrachloride
Concen: 0.74 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.3	77.4	116.0
121	29.9	24.4	36.6

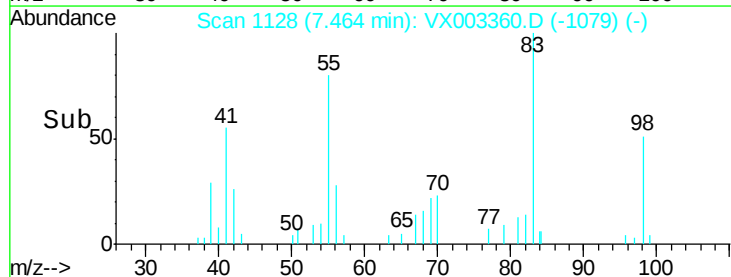
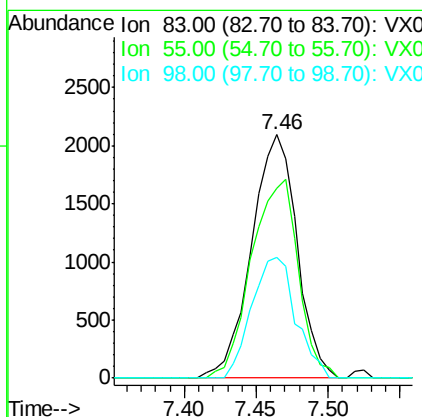
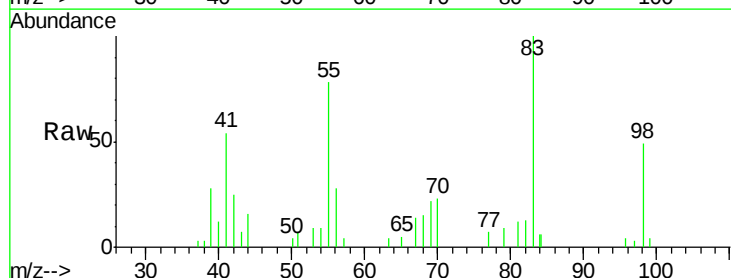
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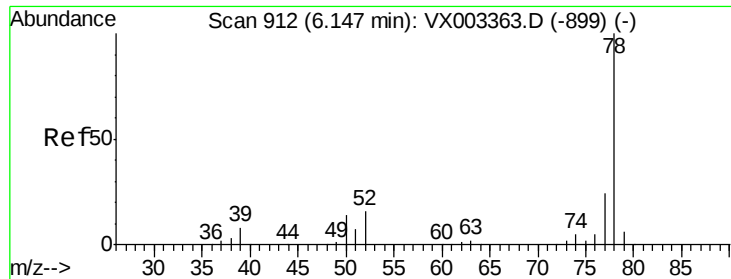
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#39
Methylcyclohexane
Concen: 0.73 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.2	65.4	98.0
98	49.3	37.4	56.0





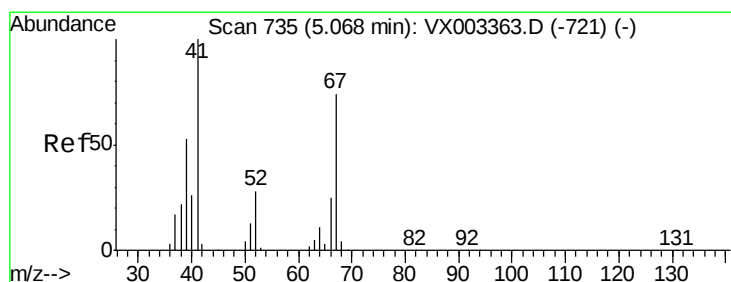
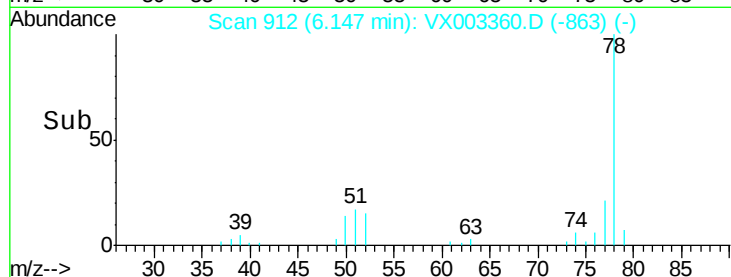
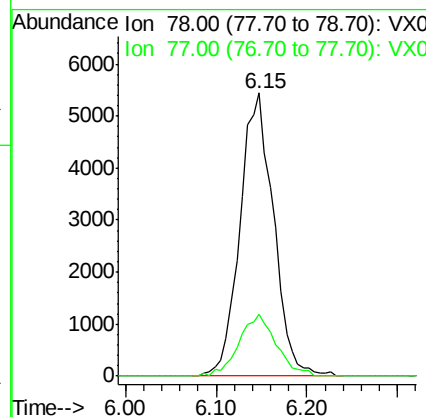
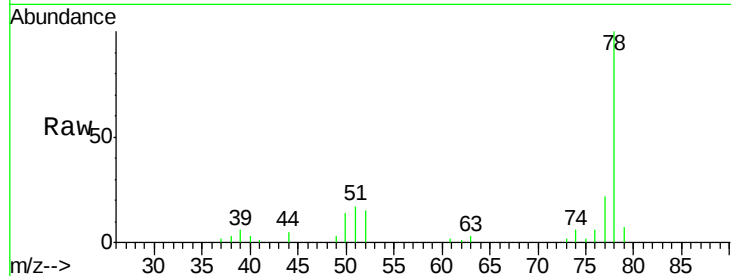
#40
Benzene
Concen: 0.88 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 13993
Ion Ratio Lower Upper
78 100
77 21.7 19.1 28.7

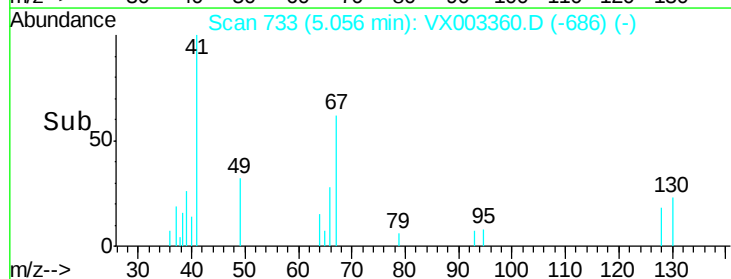
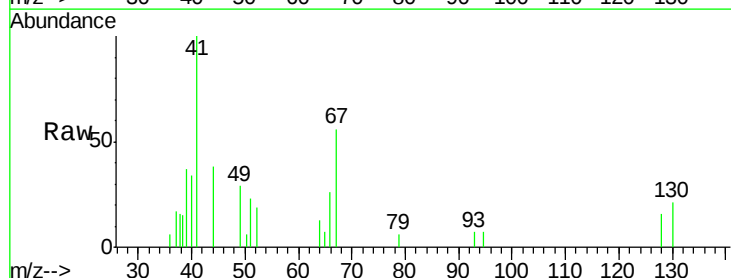
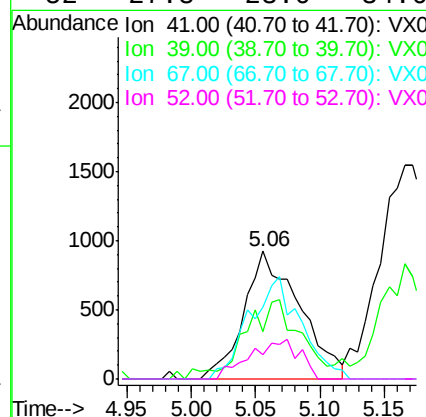
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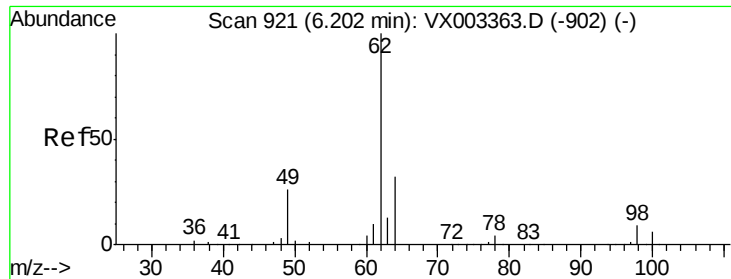
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#41
Methacrylonitrile
Concen: 0.86 ug/l
RT: 5.06 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion: 41 Resp: 2761
Ion Ratio Lower Upper
41 100
39 63.5 45.8 68.6
67 74.5 51.3 76.9
52 27.8 23.0 34.6





#42

1,2-Dichloroethane

Concen: 0.86 ug/l

RT: 6.20 min Scan# 920

Delta R.T. -0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 5076

Ion Ratio Lower Upper

62 100

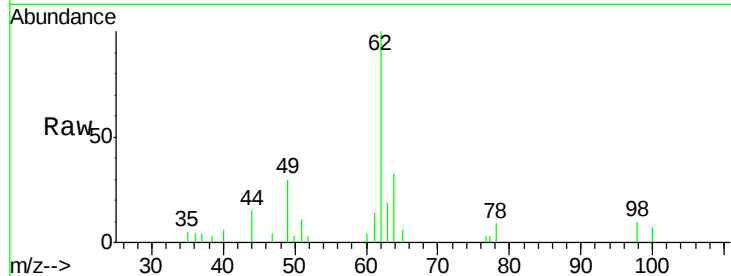
98 8.9 0.0 16.6

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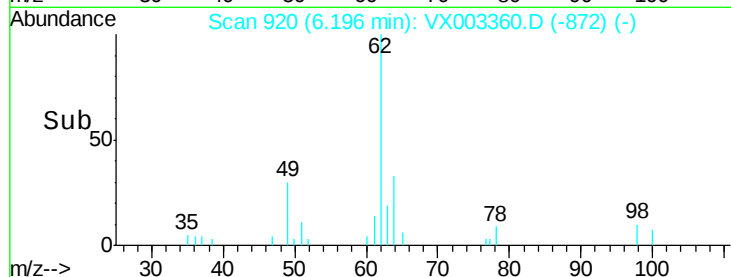
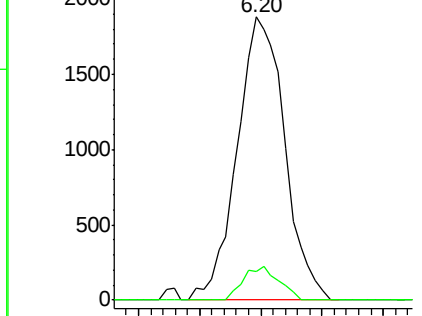
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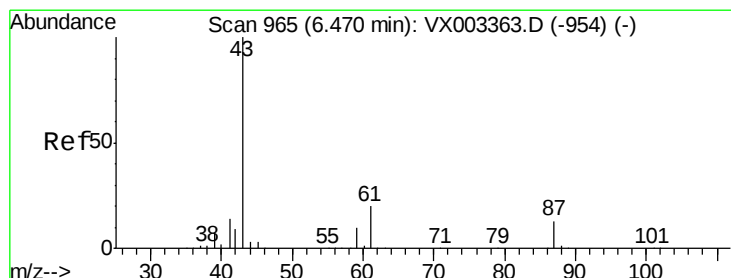


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->



#43

Isopropyl Acetate

Concen: 0.79 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

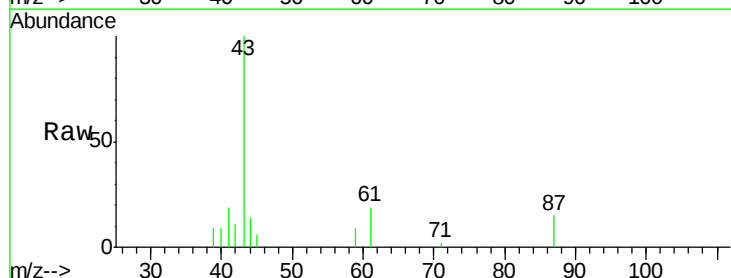
Tgt Ion: 43 Resp: 7258

Ion Ratio Lower Upper

43 100

61 20.6 14.4 21.6

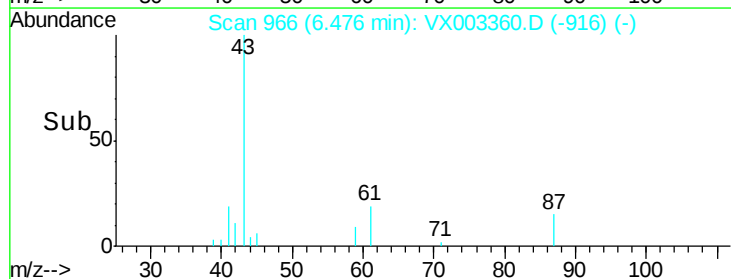
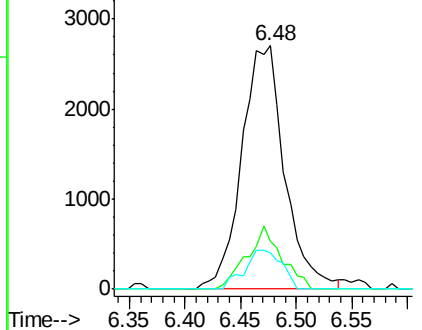
87 13.9 9.5 14.3



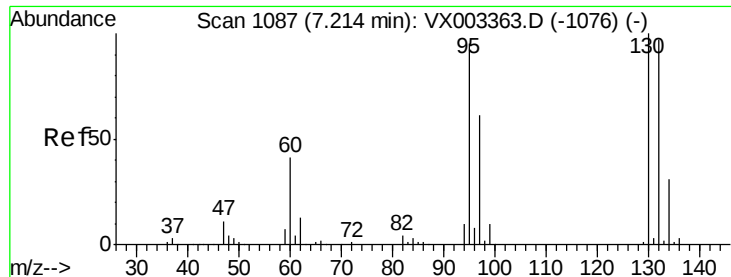
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



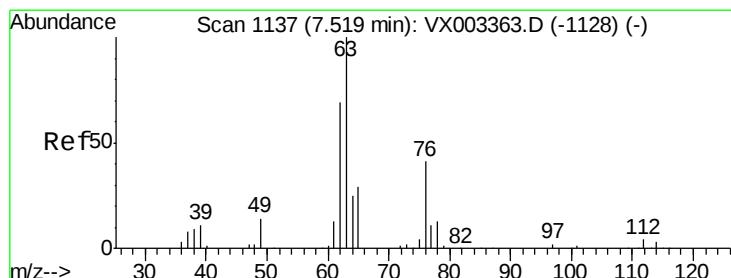
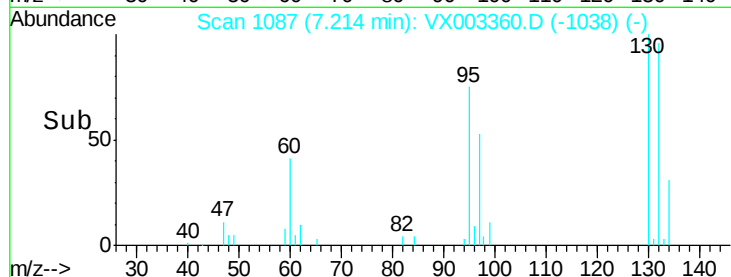
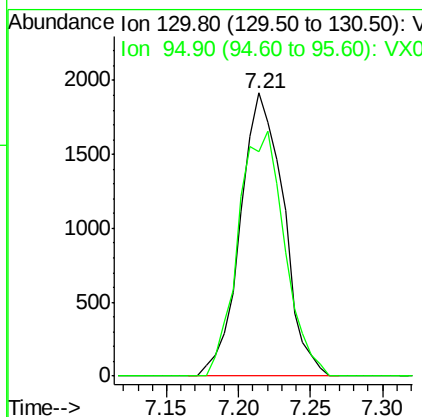
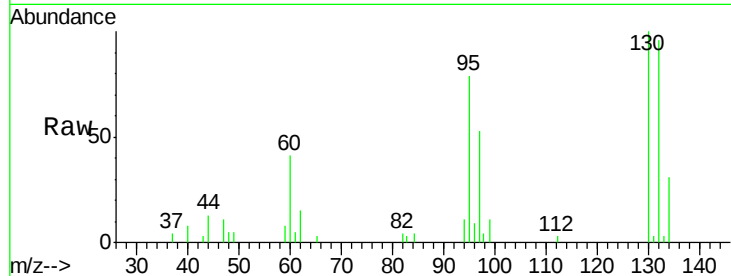
#44
 Trichloroethene
 Concen: 0.85 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:130 Resp: 3975
 Ion Ratio Lower Upper
 130 100
 95 79.5 0.0 185.4

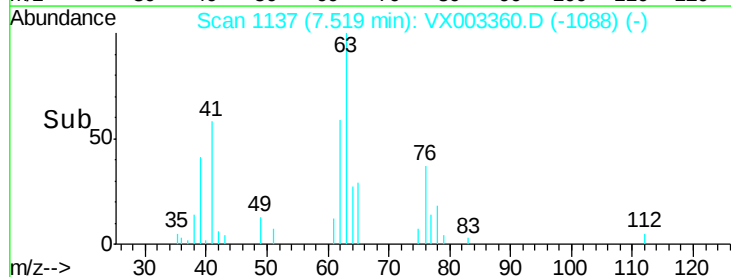
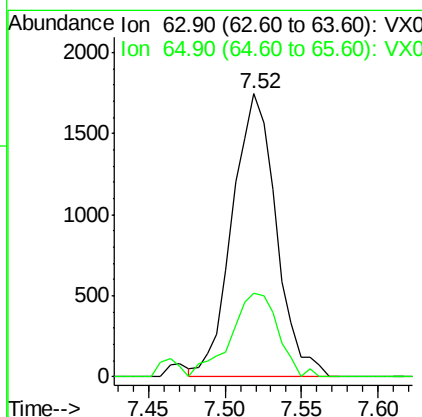
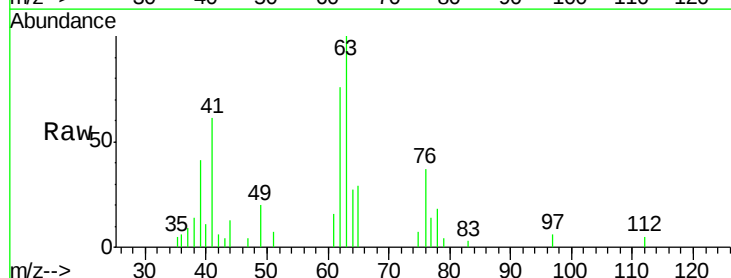
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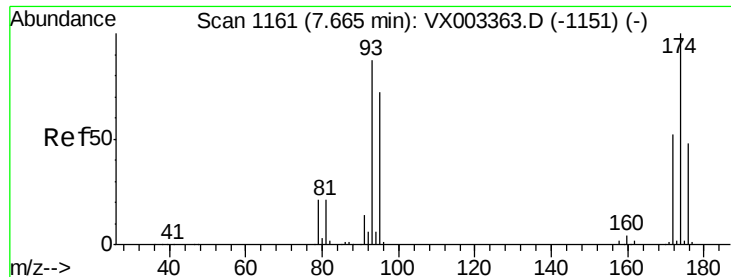
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#45
 1,2-Dichloropropane
 Concen: 0.85 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion: 63 Resp: 3483
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.7 37.1





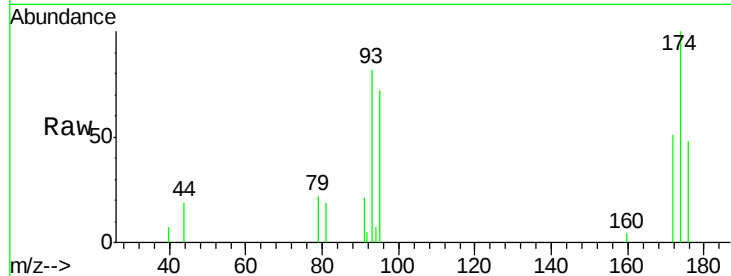
#46
Dibromomethane
Concen: 0.80 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

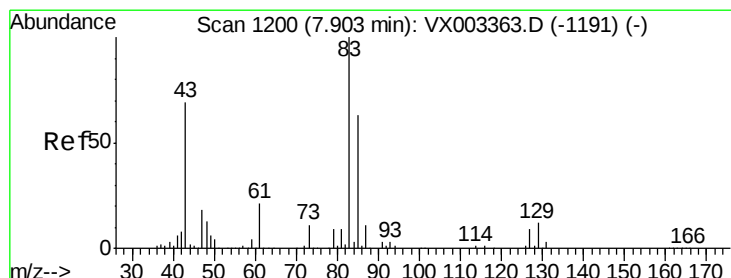
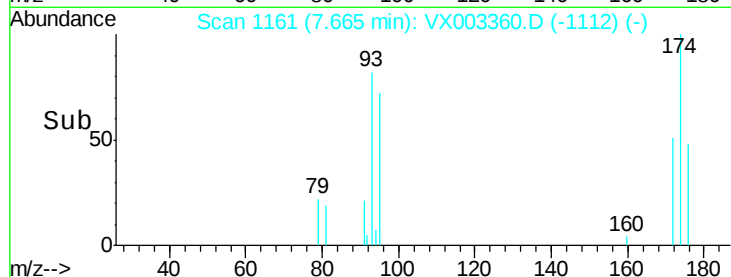
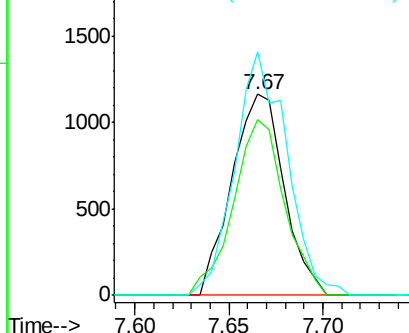
Tot Ion	Ratio	Lower	Upper
93	100		
95	85.3	65.9	98.9
174	120.0	92.4	138.6

Manual Integrations
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7/16/2018 11:24:36 AM



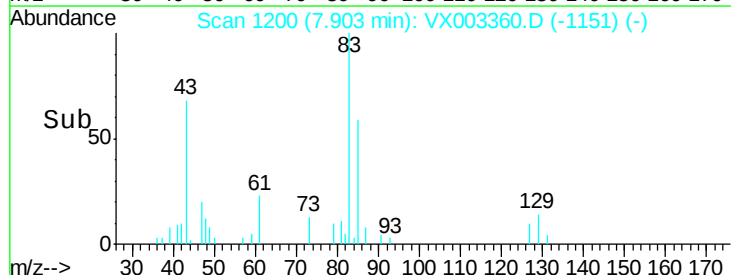
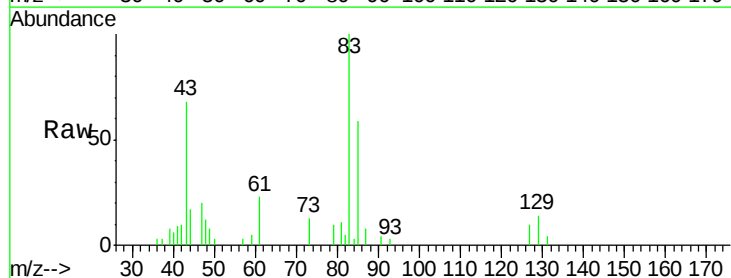
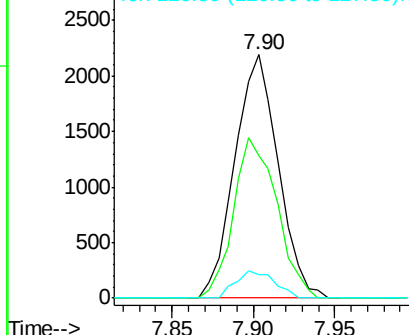
Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

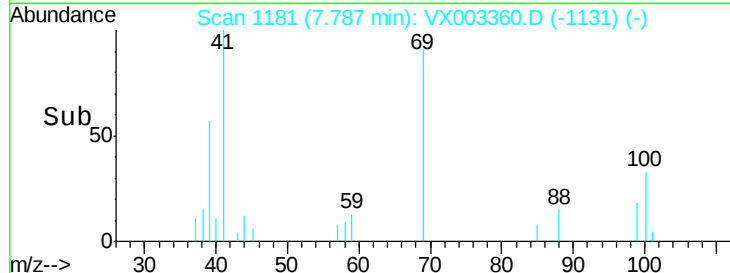
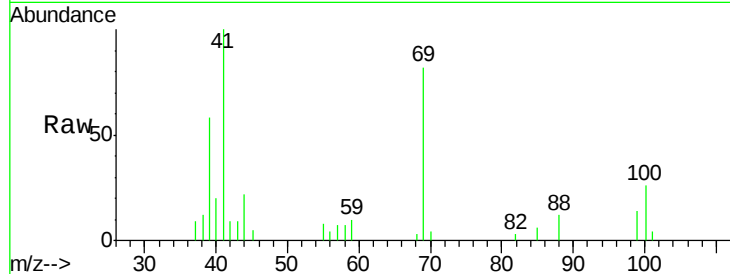
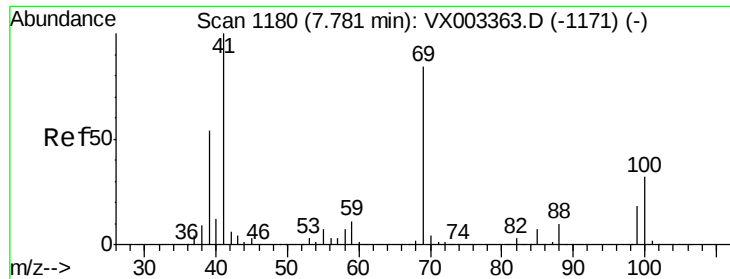


#47
Bromodichloromethane
Concen: 0.78 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.6	50.3	75.5
127	9.7	7.0	10.4

Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V





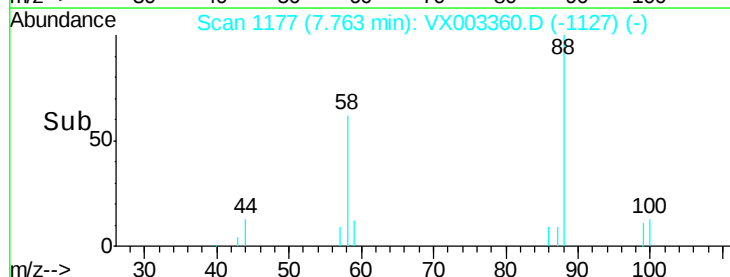
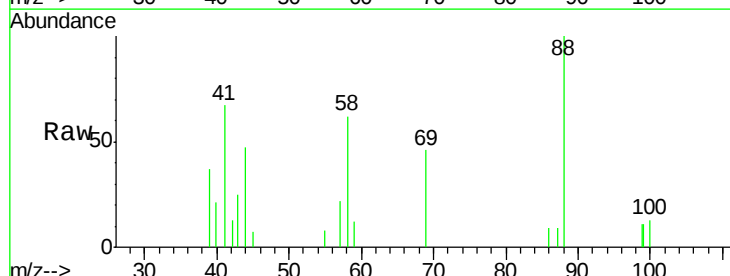
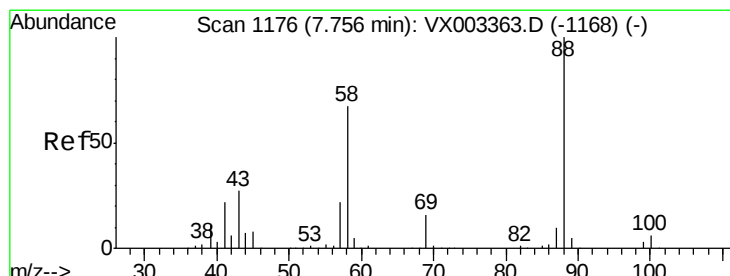
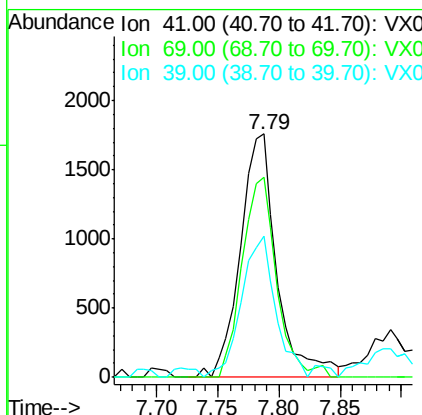
#48
Methyl methacrylate
Concen: 0.77 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tot Ion	Ratio	Resp	Lower	Upper
41	100	3659		
69	77.6		59.1	88.7
39	53.8		48.9	73.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

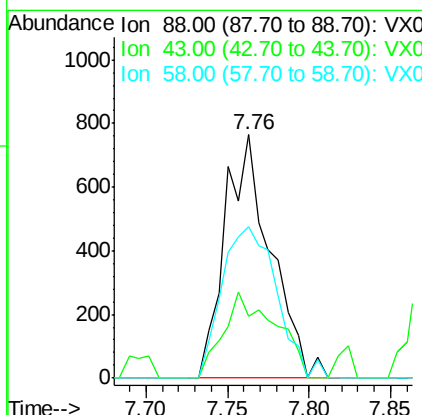
Manual Integrations
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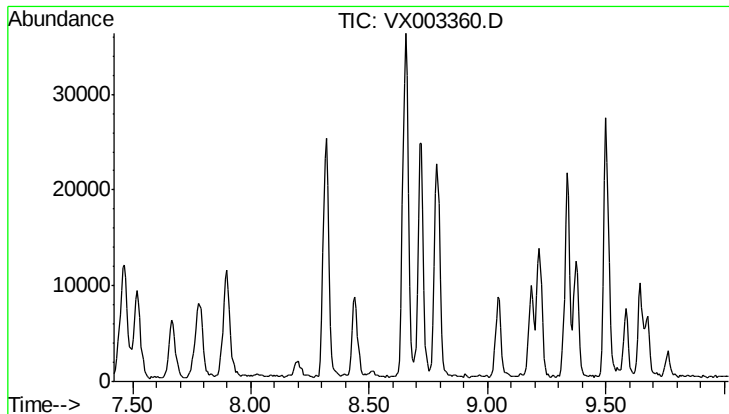
MMDadoda
7/16/2018 11:24:36 AM



#49
1,4-Dioxane
Concen: 15.09 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	1490		
43	39.9		29.8	44.6
58	74.6		57.1	85.7





#50

Toluene-d8

Concen: 0.00 ug/l

Expected RT: 8.72 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Tot Ion: 98

Sig Exp Ratio

98 100

100 63.6

Instrument :

MSVOA_X

ClientSampleId :

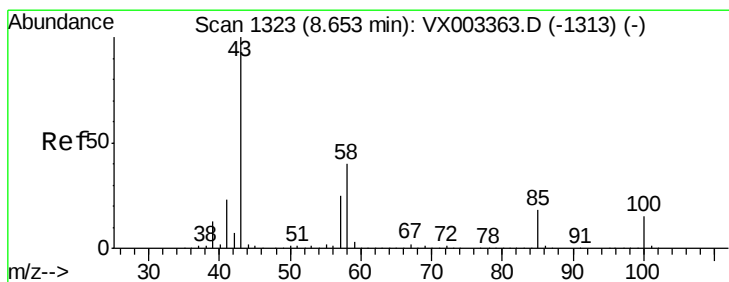
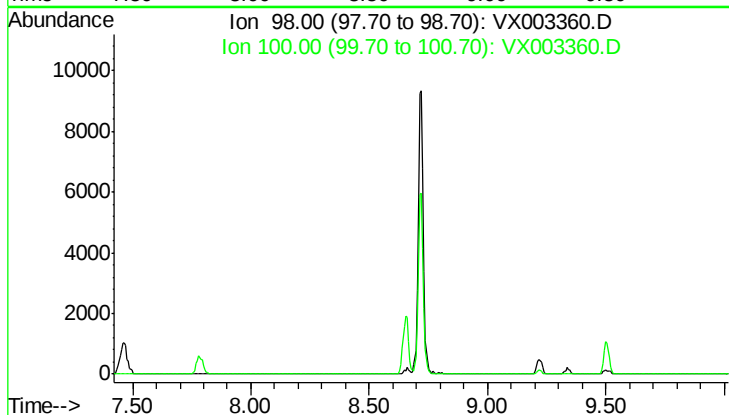
VSTDIC001

Manual Integrations

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#51

4-Methyl-2-Pentanone

Concen: 3.83 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003360.D

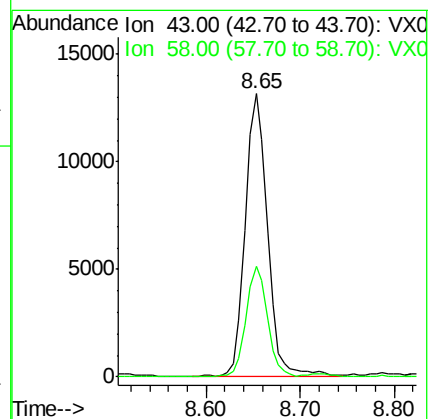
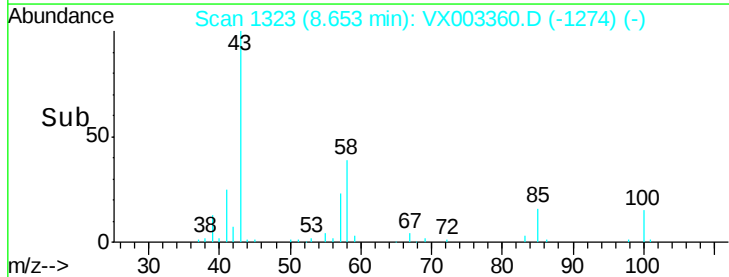
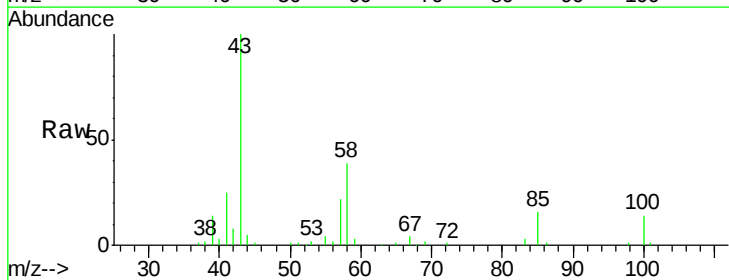
Acq: 13 Jul 2018 11:33

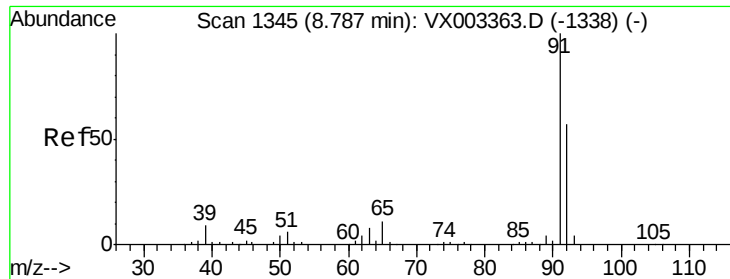
Tgt Ion: 43 Resp: 21949

Ion Ratio Lower Upper

43 100

58 37.3 28.6 42.8





#52

Toluene

Concen: 0.84 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 8462

Ion Ratio Lower Upper

92 100

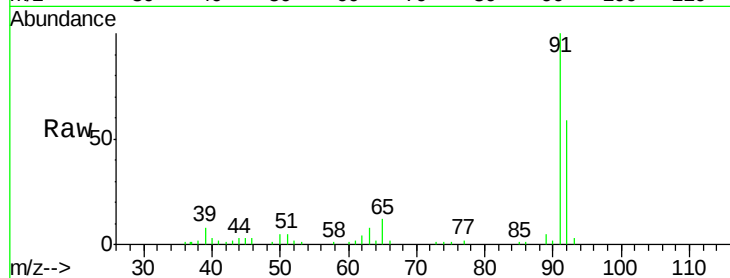
91 165.5 140.4 210.6

Manual Integrations

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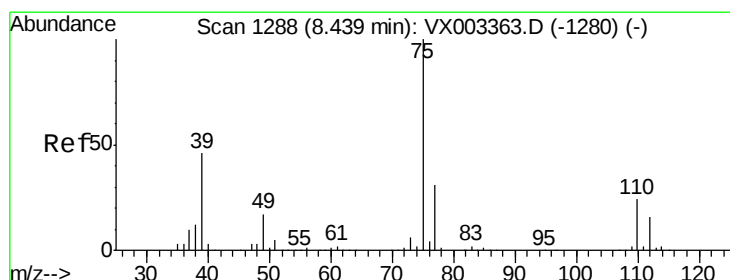
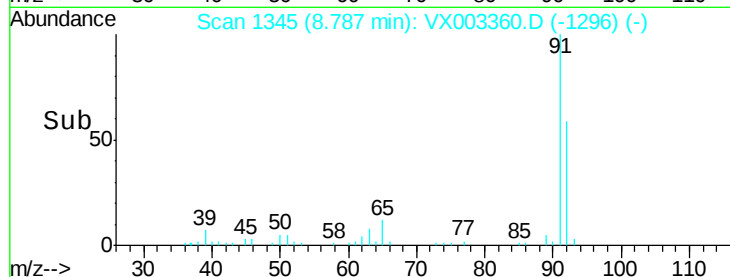
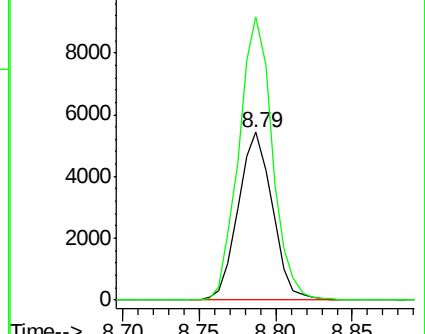
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.71 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003360.D

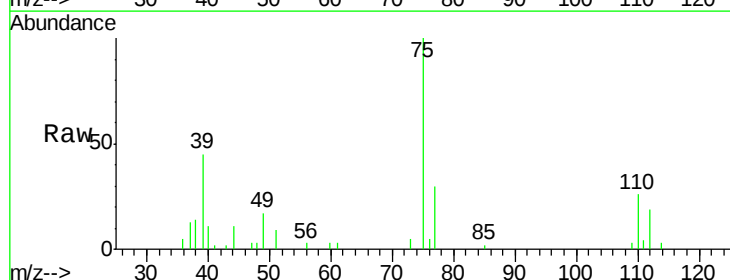
Acq: 13 Jul 2018 11:33

Tgt Ion: 75 Resp: 4303

Ion Ratio Lower Upper

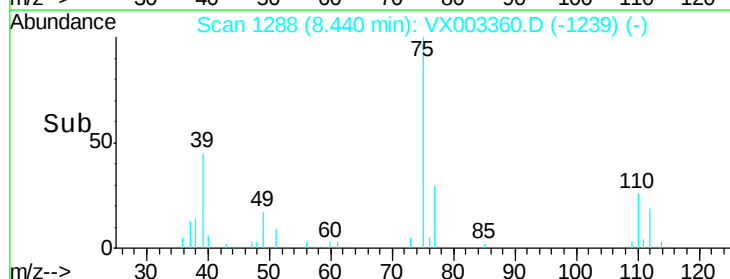
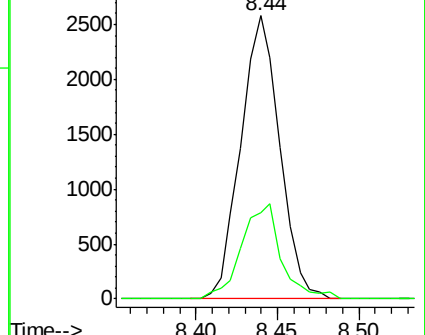
75 100

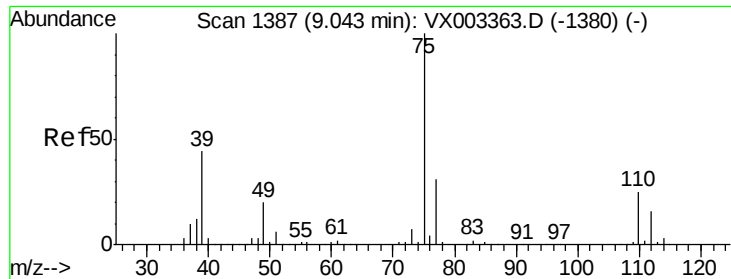
77 30.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

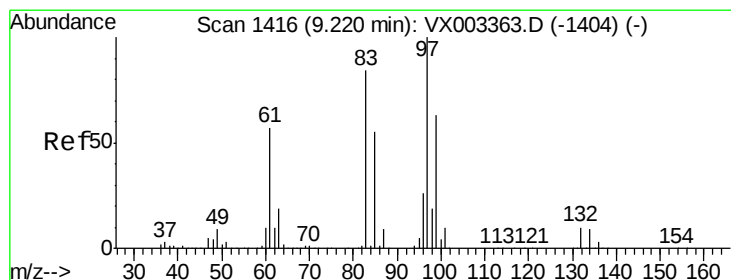
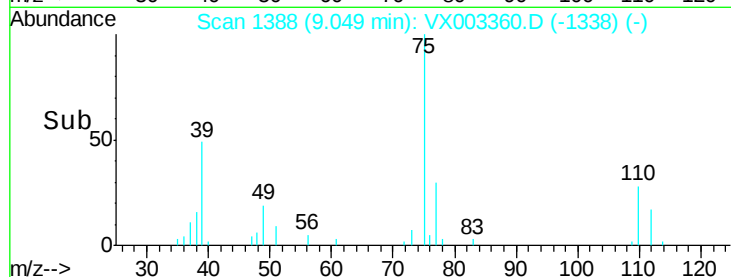
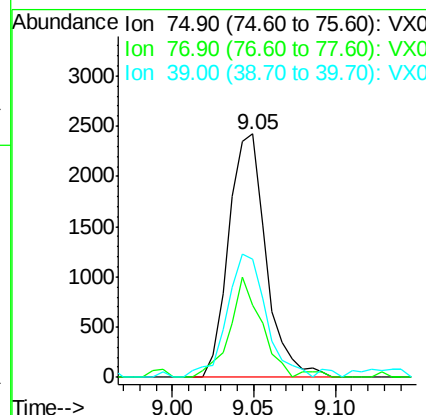
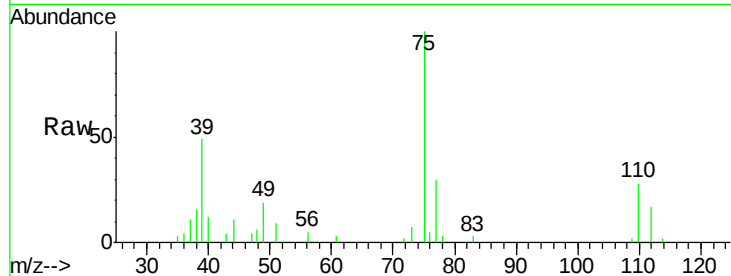
cis-1,3-Dichloropropene
Concen: 0.70 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.7	24.8	37.2
39	48.8	42.4	63.6

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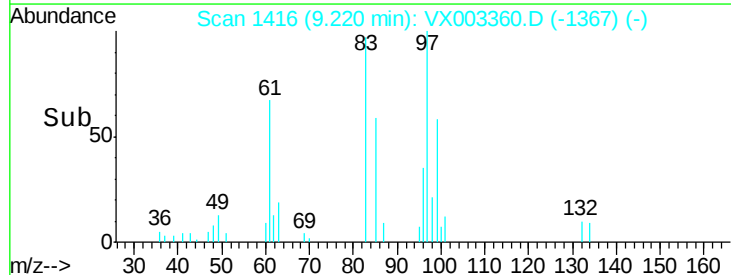
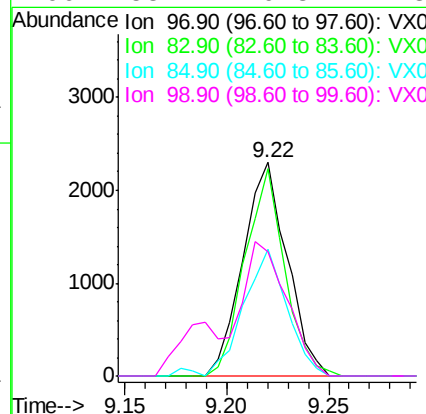
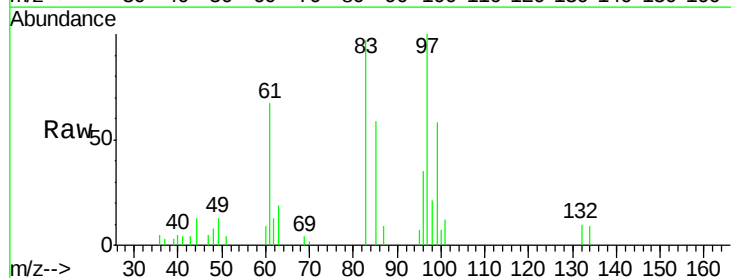
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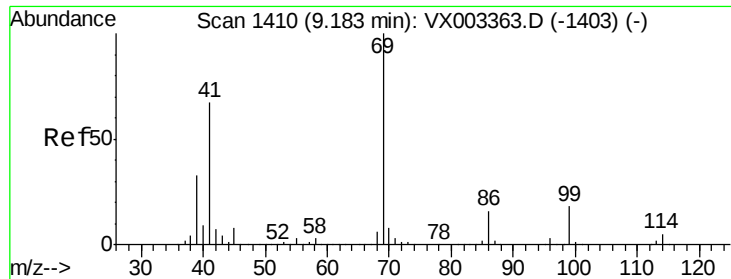


#55

1,1,2-Trichloroethane
Concen: 0.83 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion	Ratio	Lower	Upper
97	100		
83	96.9	70.2	105.2
85	59.4	44.9	67.3
99	58.4	49.8	74.8





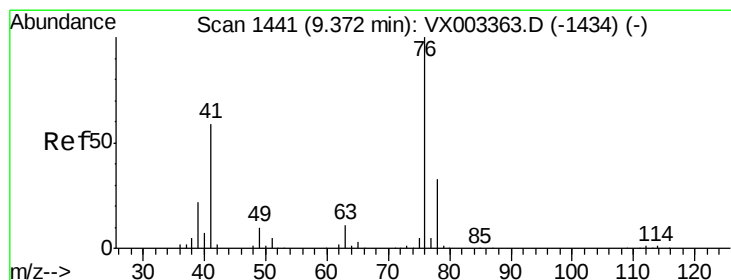
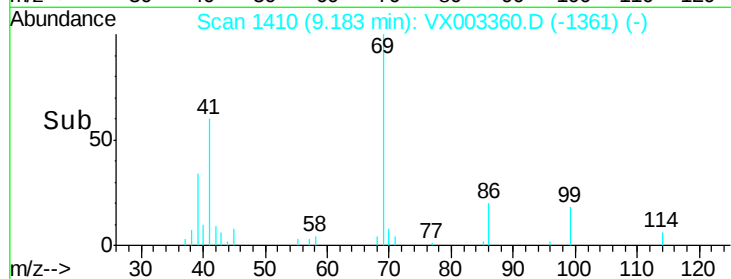
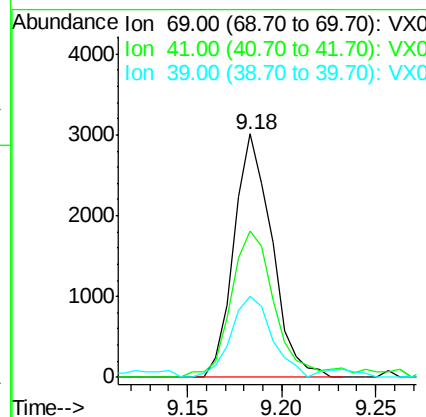
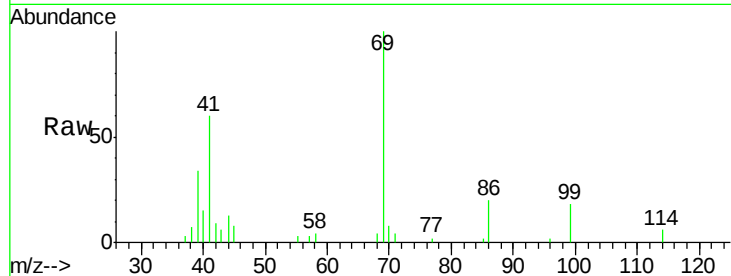
#56
Ethyl methacrylate
Concen: 0.74 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
69	100		
41	70.8	60.3	90.5
39	36.0	35.8	53.8

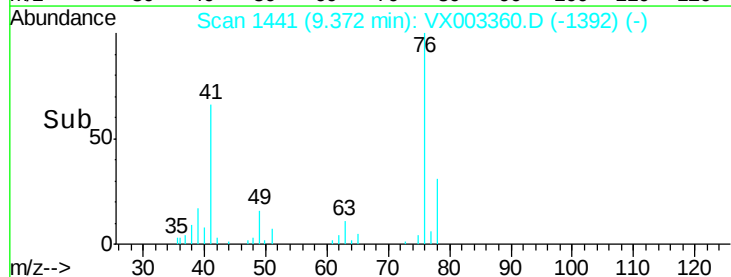
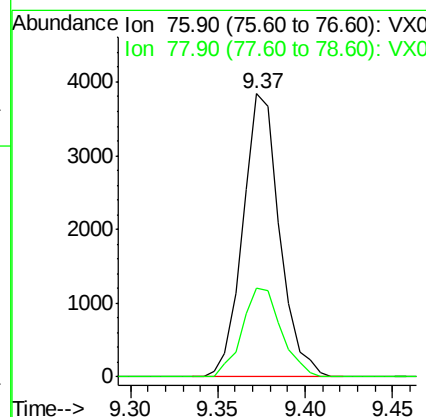
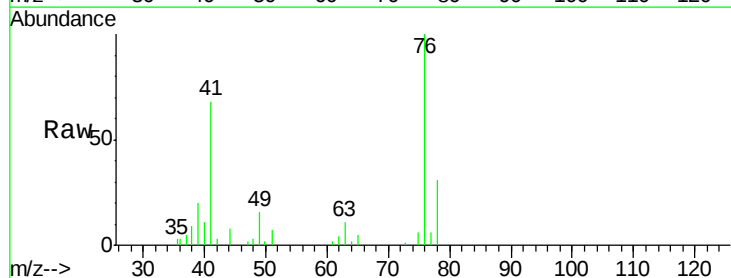
Manual Integrations
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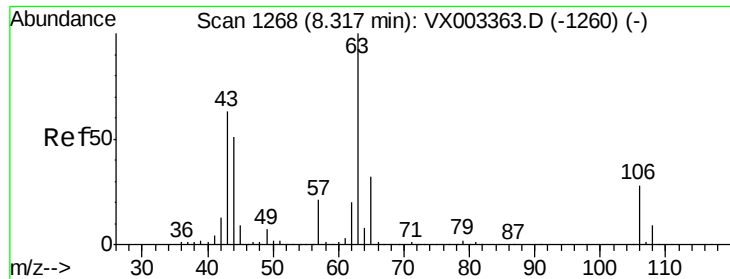
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#57
1,3-Dichloropropane
Concen: 0.84 ug/l
RT: 9.37 min Scan# 1441
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.3	25.8	38.6





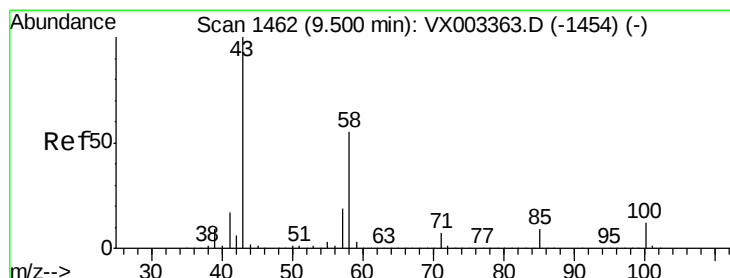
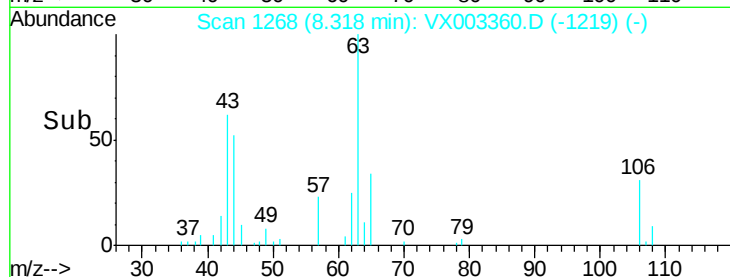
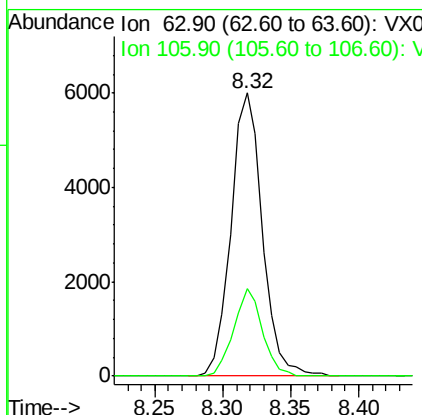
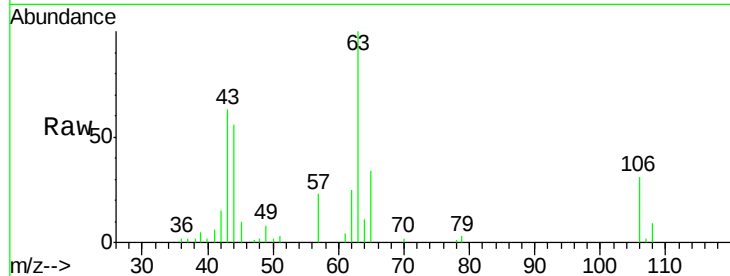
#58
2-Chloroethyl Vinyl ether
Concen: 3.51 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 9637
Ion Ratio Lower Upper
63 100
106 28.2 21.8 32.8

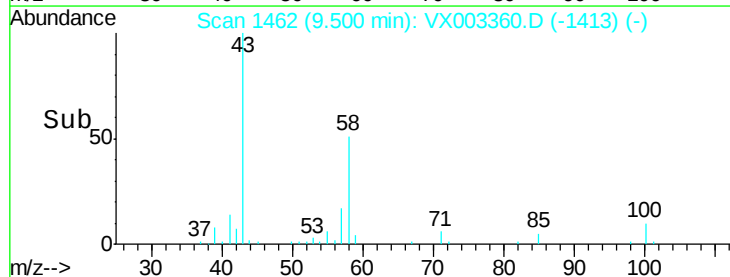
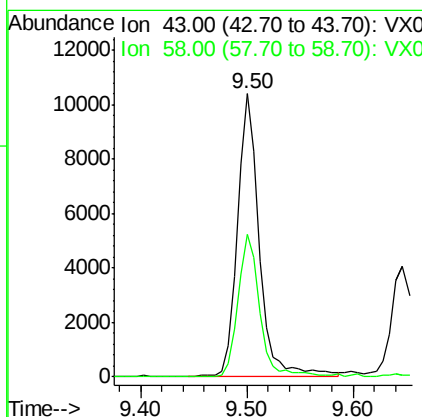
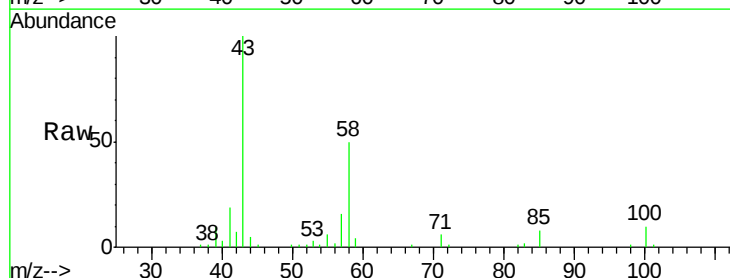
Manual Integrations
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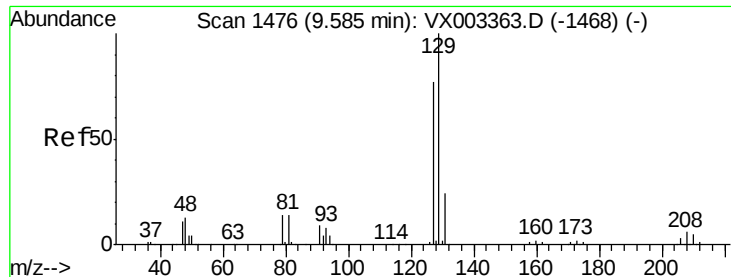
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#59
2-Hexanone
Concen: 3.46 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion: 43 Resp: 15049
Ion Ratio Lower Upper
43 100
58 50.4 24.6 73.6





#60

Dibromochloromethane

Concen: 0.66 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 2875

Ion Ratio Lower Upper

129 100

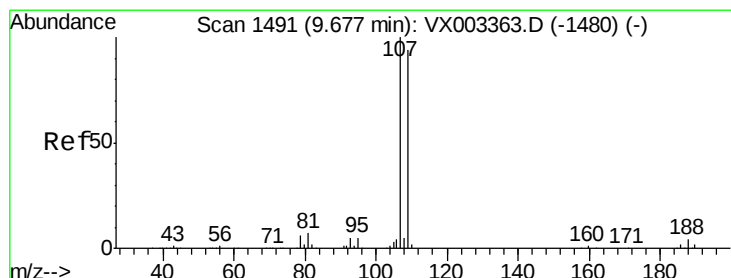
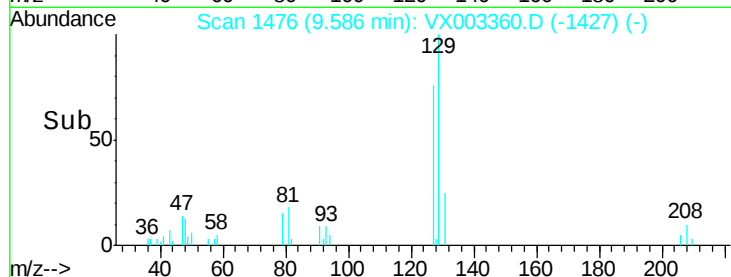
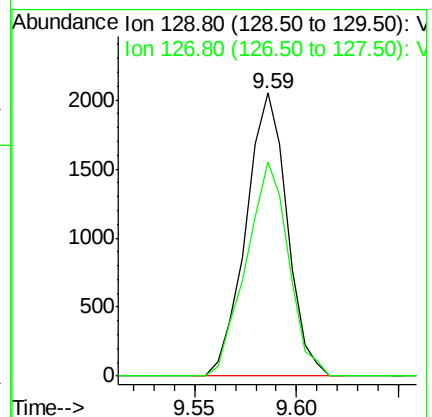
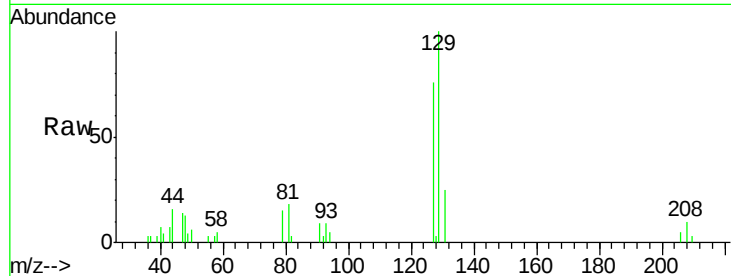
127 78.1 38.5 115.3

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 0.77 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003360.D

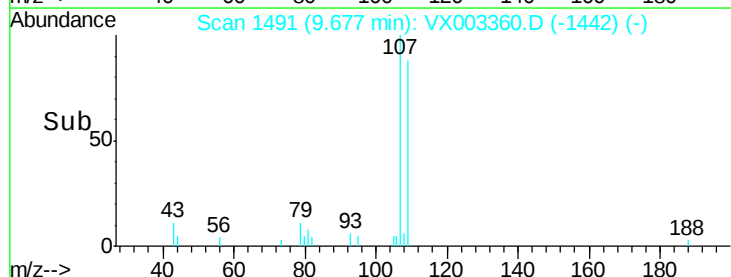
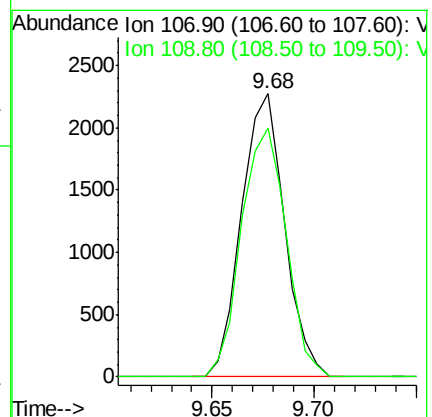
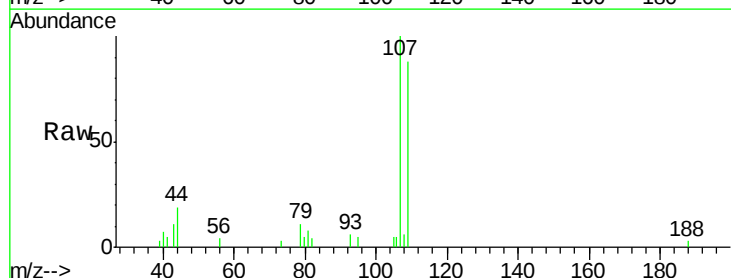
Acq: 13 Jul 2018 11:33

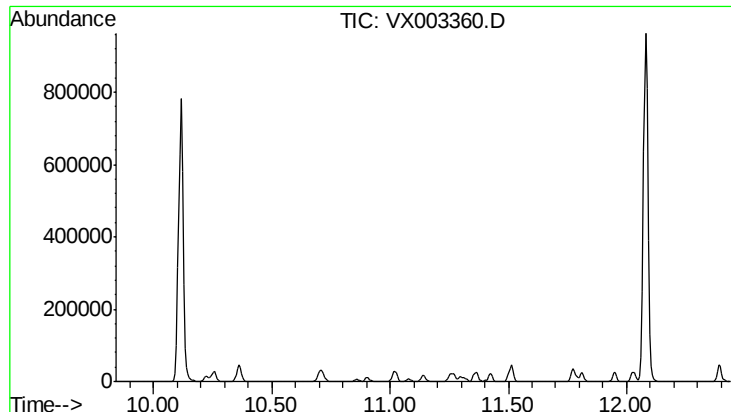
Tgt Ion:107 Resp: 3334

Ion Ratio Lower Upper

107 100

109 91.2 75.3 112.9





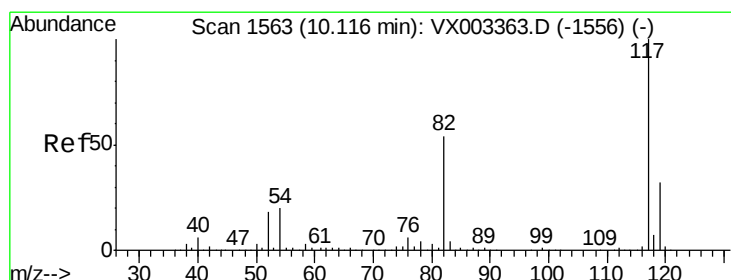
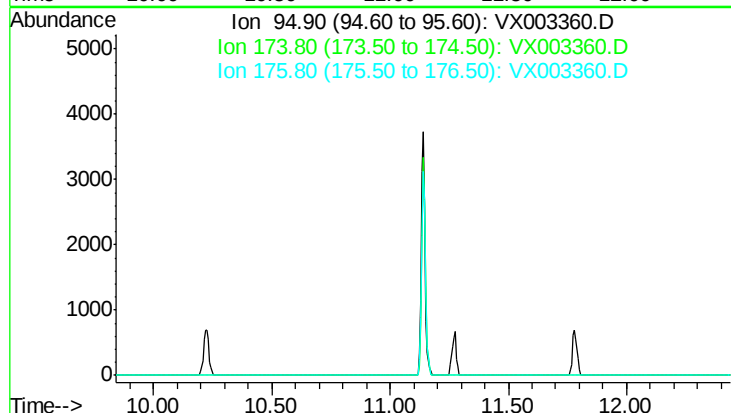
#62
 4-Bromofluorobenzene
 Concen: 0.00 ug/l
 Expected RT: 11.14 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 95
 Sig Exp Ratio
 95 100
 174 93.7
 176 90.5

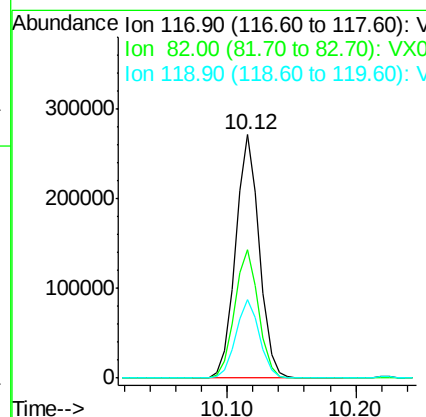
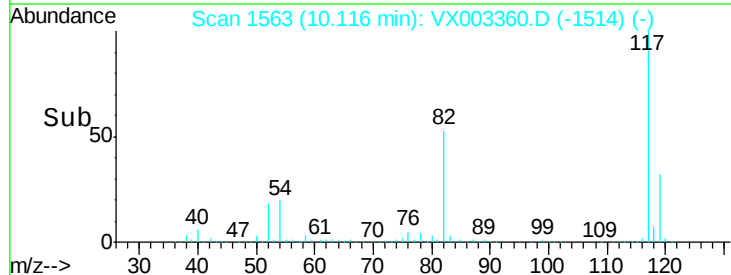
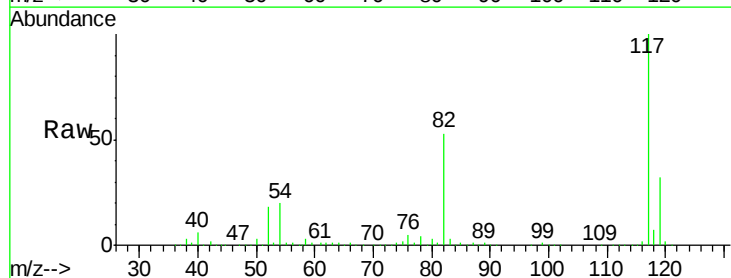
Manual Integrations
 APPROVED

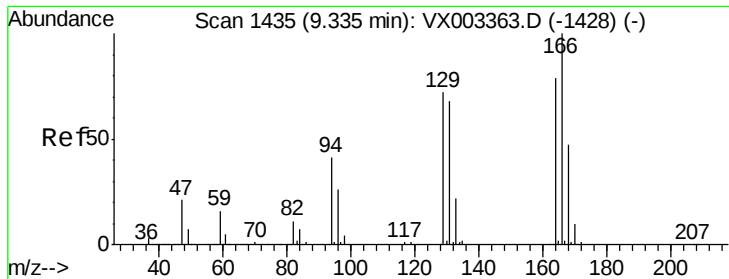
MMDadoda
 7/16/2018 11:24:36 AM



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion: 117 Resp: 349995
 Ion Ratio Lower Upper
 117 100
 82 52.7 45.0 67.4
 119 32.0 25.8 38.6





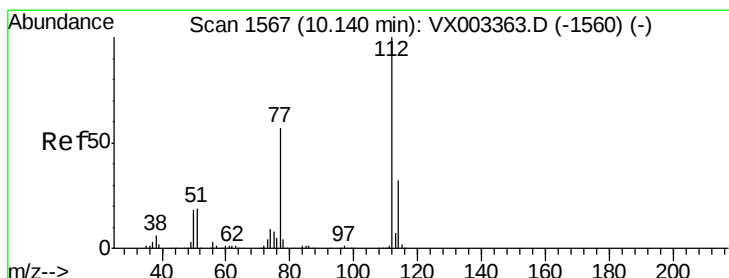
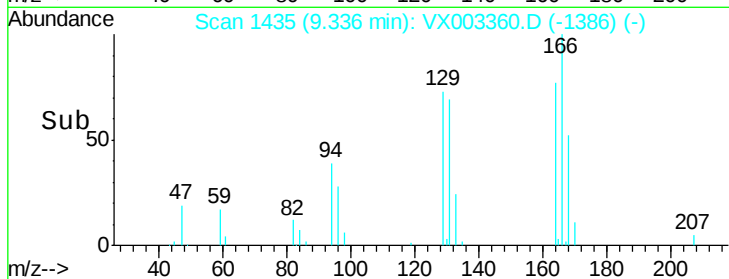
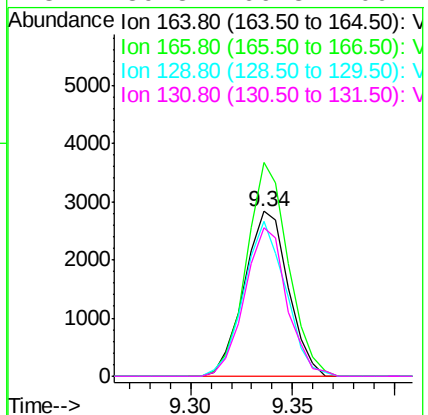
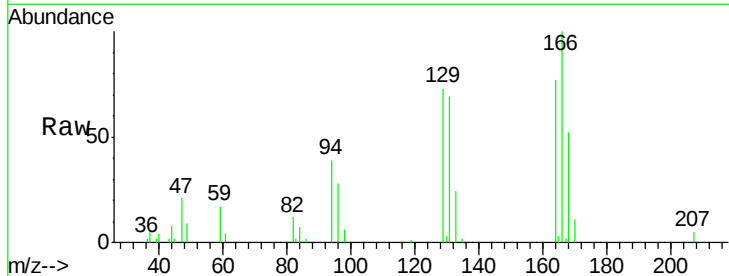
#64
Tetrachloroethene
Concen: 0.80 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.5	102.9	154.3
129	94.0	68.6	102.8
131	89.8	66.8	100.2

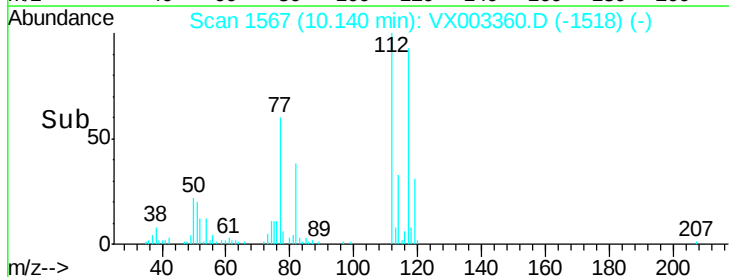
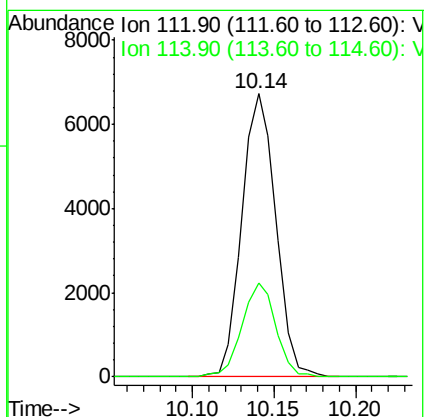
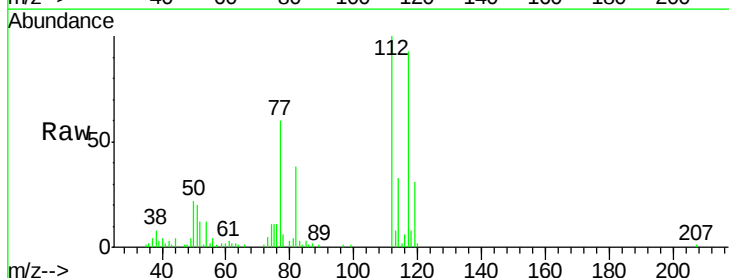
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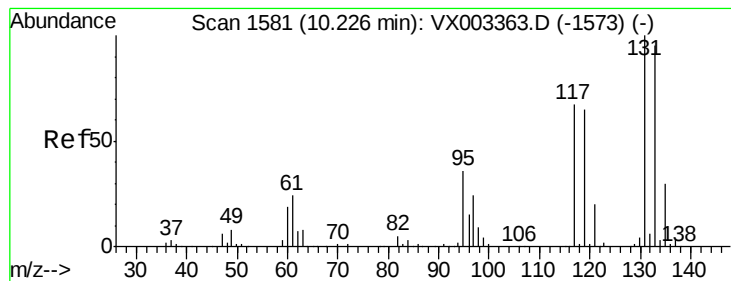
MMDadoda
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#65
Chlorobenzene
Concen: 0.82 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.2	25.3	37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 0.72 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:131 Resp: 3086

Ion Ratio Lower Upper

131 100

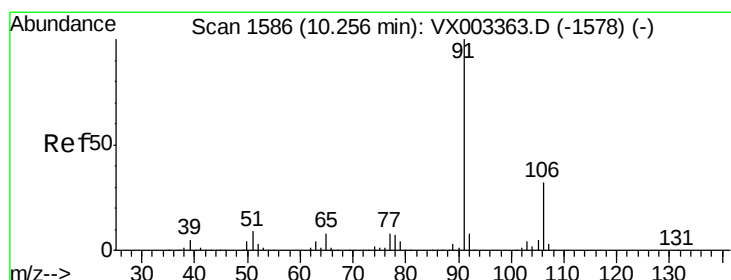
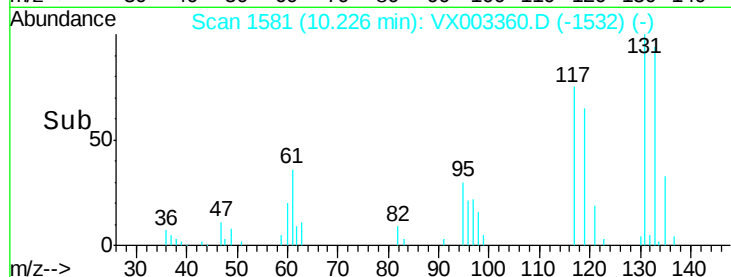
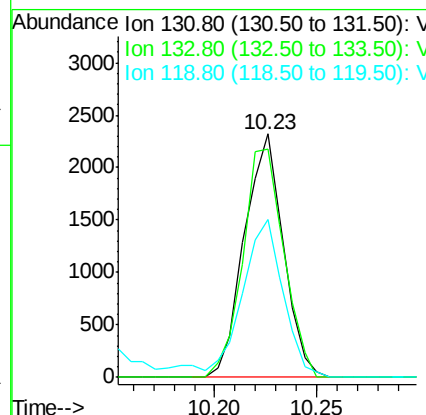
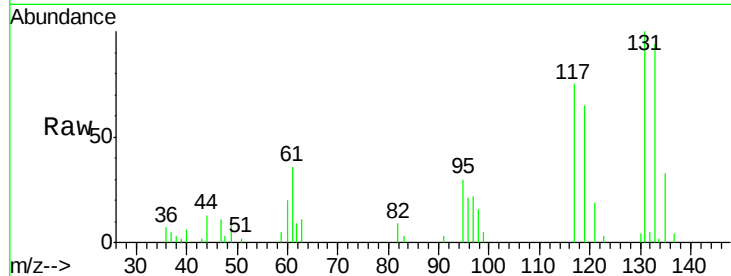
133 98.8 47.9 143.6

119 0.0 31.8 95.3#

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#67

Ethyl Benzene

Concen: 0.74 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003360.D

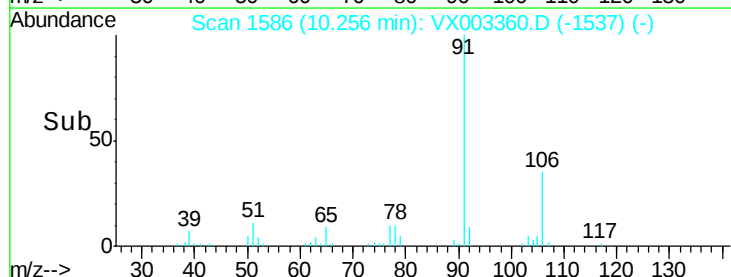
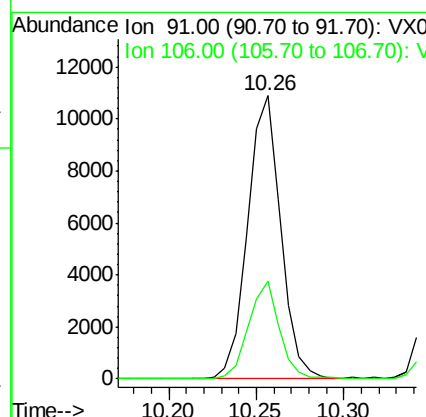
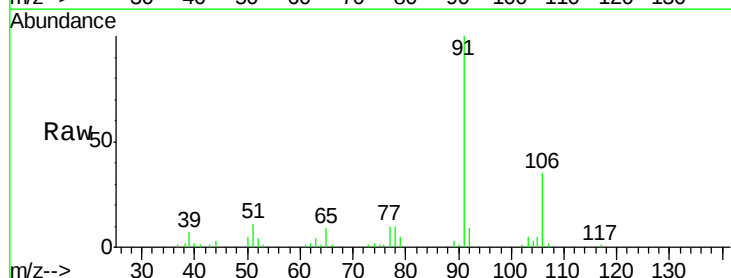
Acq: 13 Jul 2018 11:33

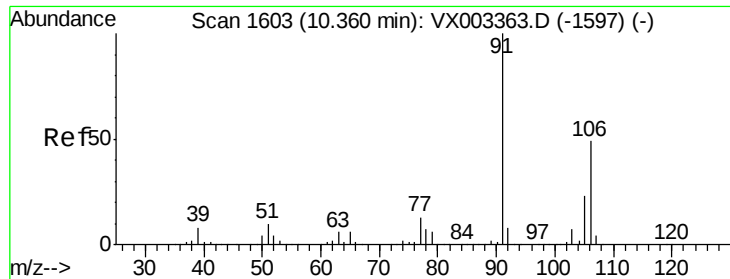
Tgt Ion: 91 Resp: 14299

Ion Ratio Lower Upper

91 100

106 34.5 25.5 38.3





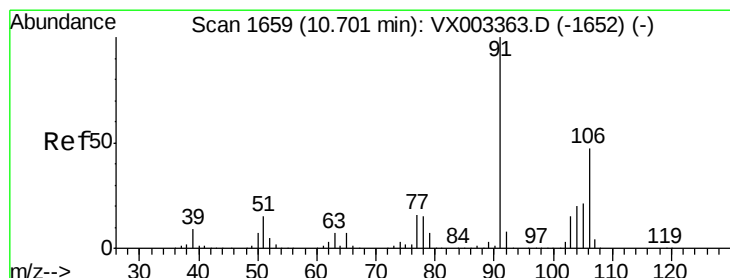
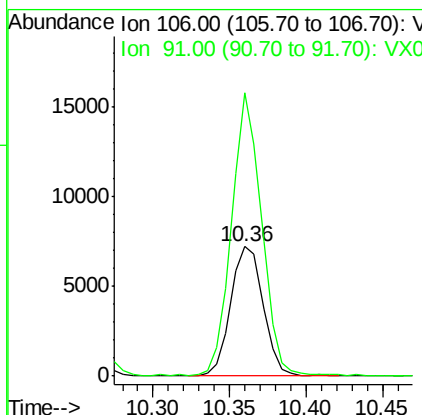
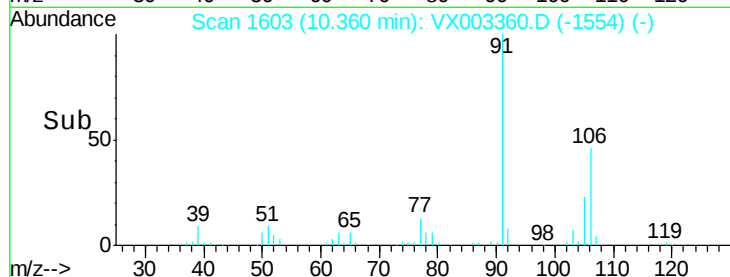
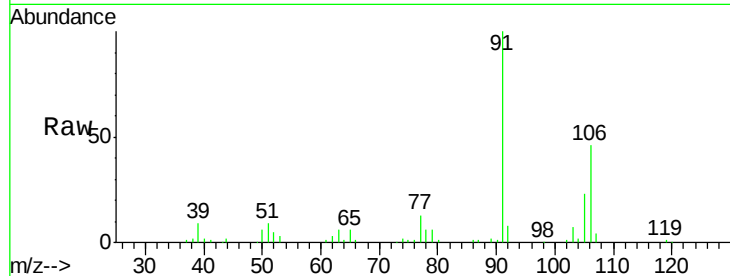
#68
m/p-Xvlenes
Concen: 1.41 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 10576
Ion Ratio Lower Upper
106 100
91 204.5 163.4 245.2

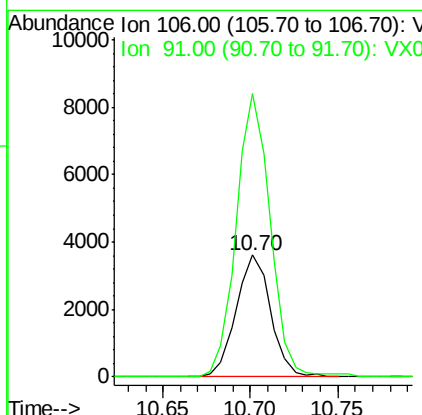
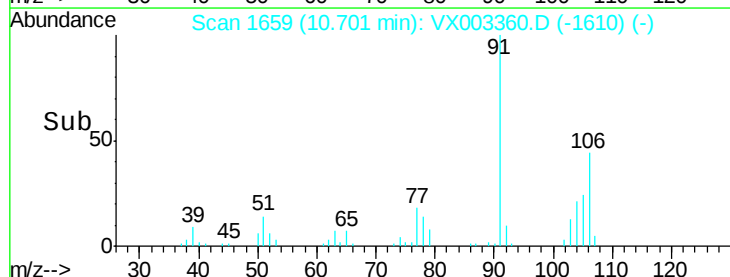
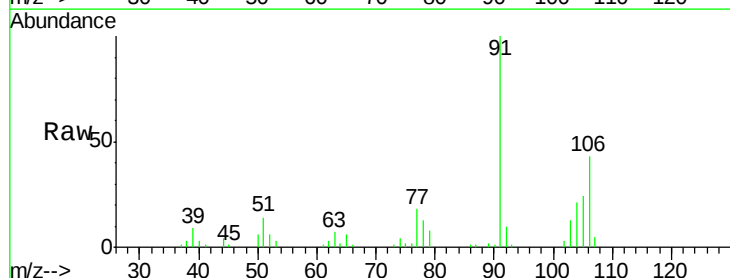
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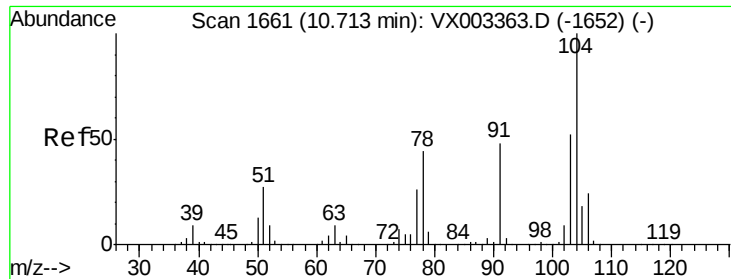
MMDadoda
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#69
o-Xylene
Concen: 0.69 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion:106 Resp: 4966
Ion Ratio Lower Upper
106 100
91 228.5 108.2 324.6





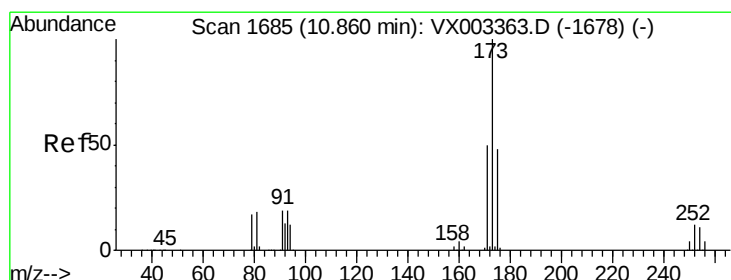
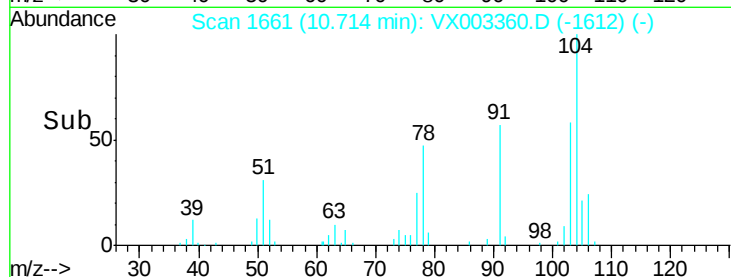
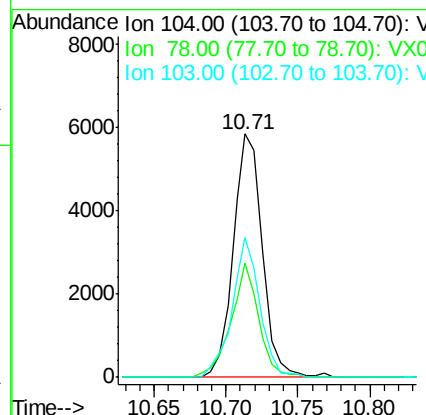
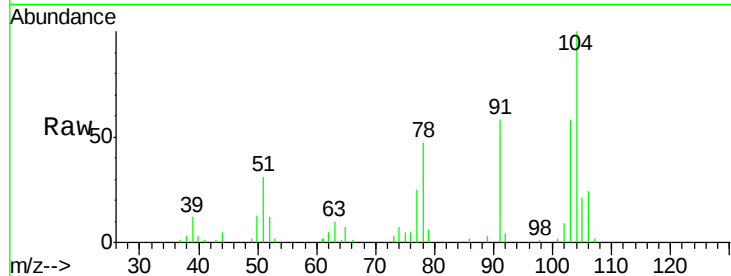
#70
Stvrene
Concen: 0.70 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	44.8	41.0	61.6
103	54.8	44.2	66.4

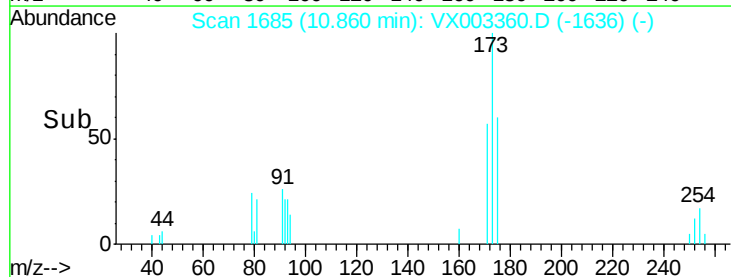
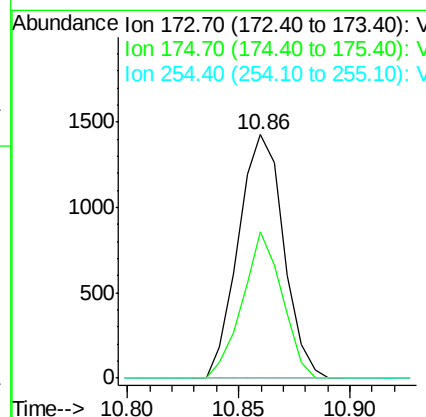
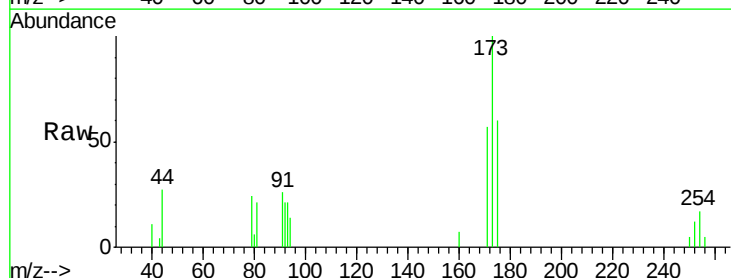
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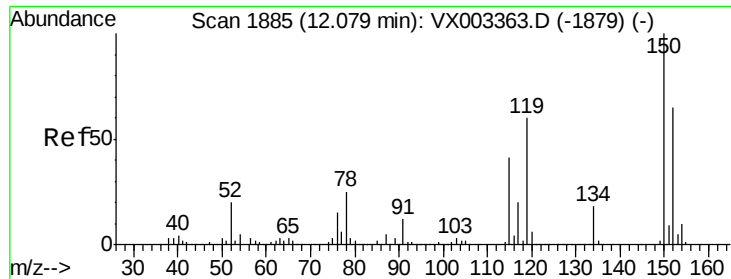
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#71
Bromoform
Concen: 0.57 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion	Ratio	Lower	Upper
173	100		
175	52.5	24.7	74.1
254	0.0	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 202793

Ion Ratio Lower Upper

152 100

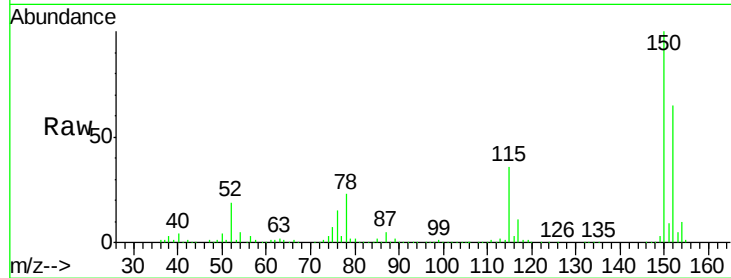
115 54.5 40.1 120.2

150 154.2 0.0 347.2

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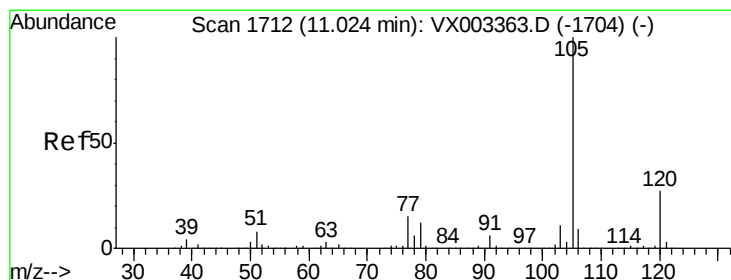
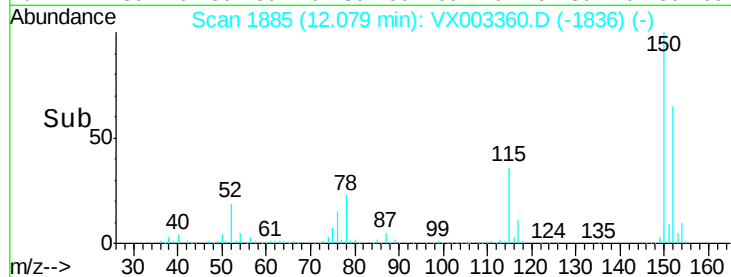
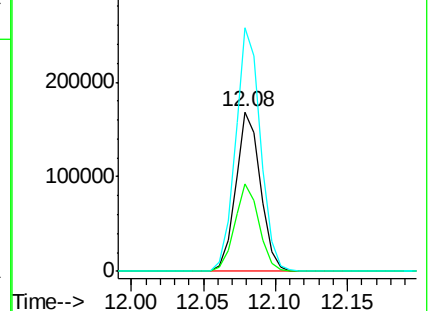
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.83 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003360.D

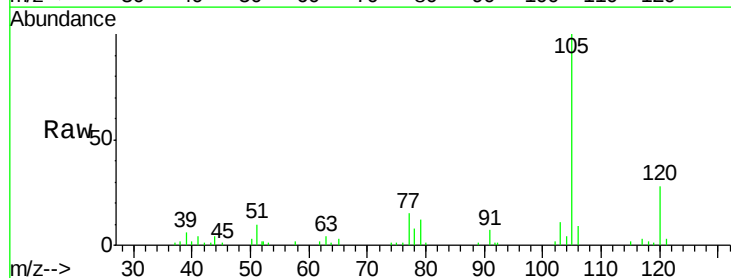
Acq: 13 Jul 2018 11:33

Tgt Ion:105 Resp: 13229

Ion Ratio Lower Upper

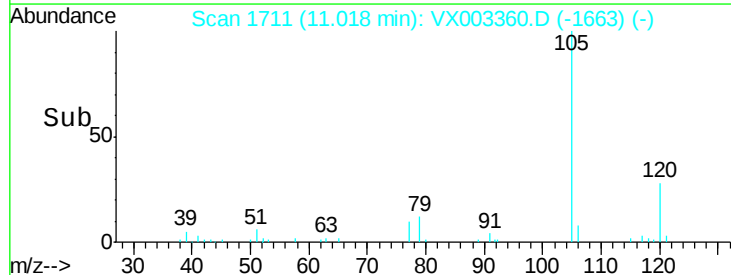
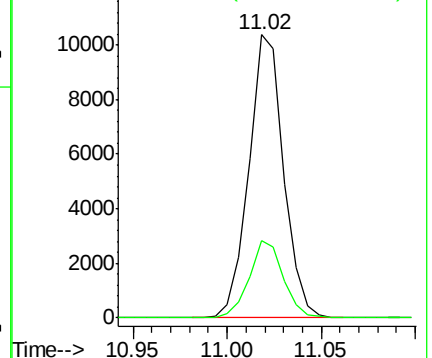
105 100

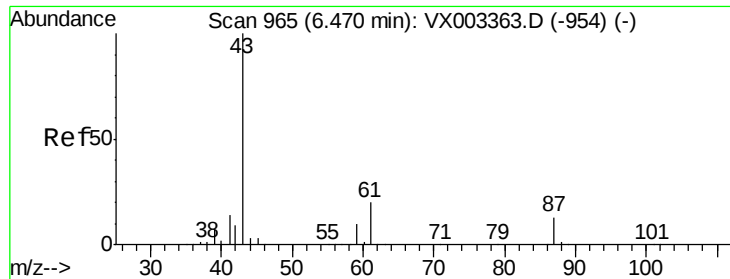
120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.95 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

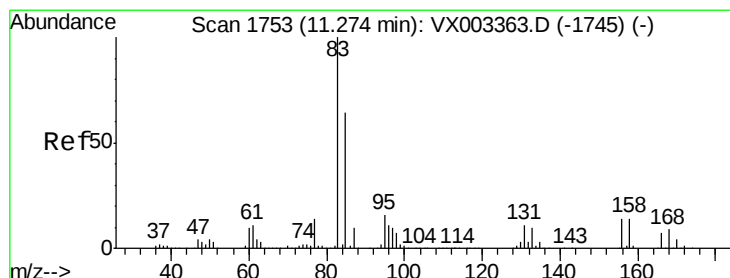
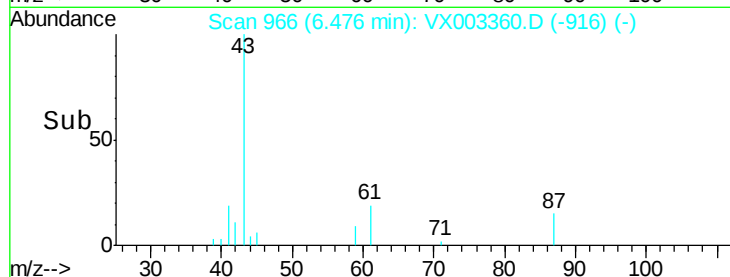
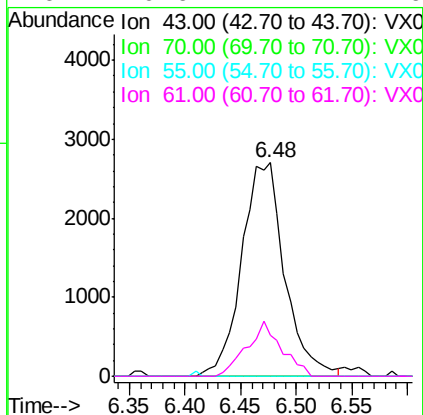
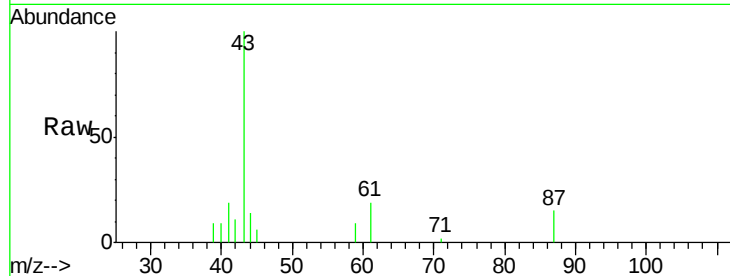
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	7258
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	20.6	14.4	21.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 0.93 ug/l

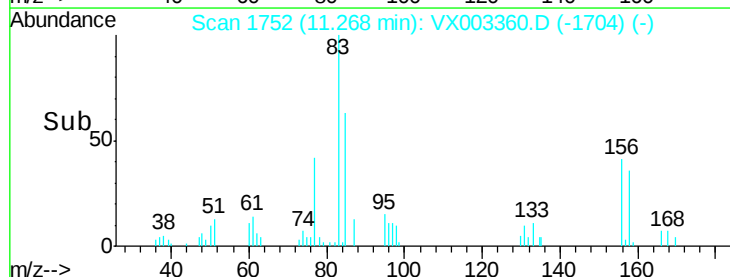
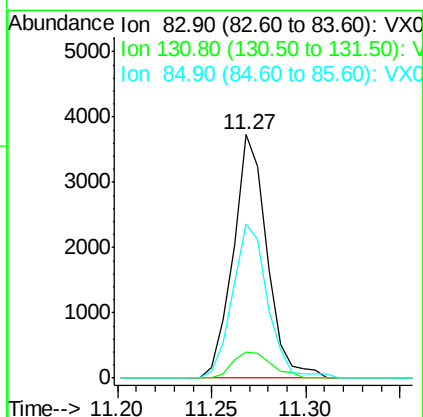
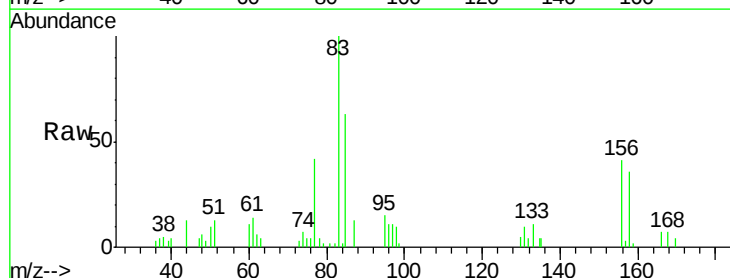
RT: 11.27 min Scan# 1752

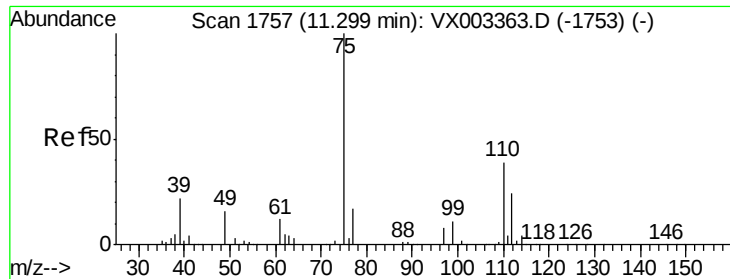
Delta R.T. -0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Tgt Ion:	83	Resp:	4624
Ion	Ratio	Lower	Upper
83	100		
131	12.2	5.6	16.8
85	66.0	32.4	97.2





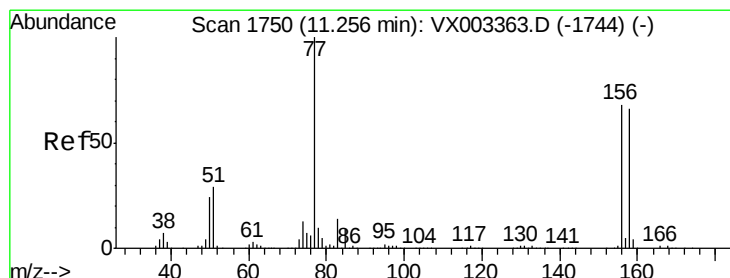
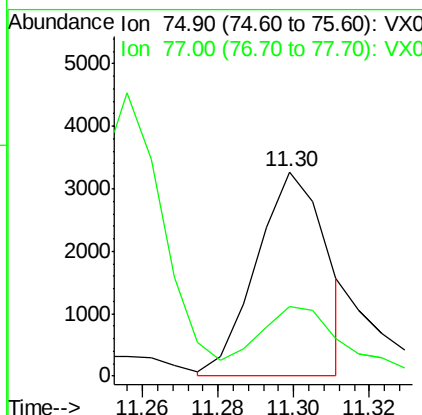
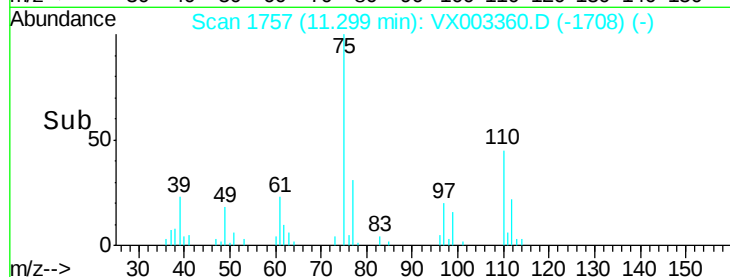
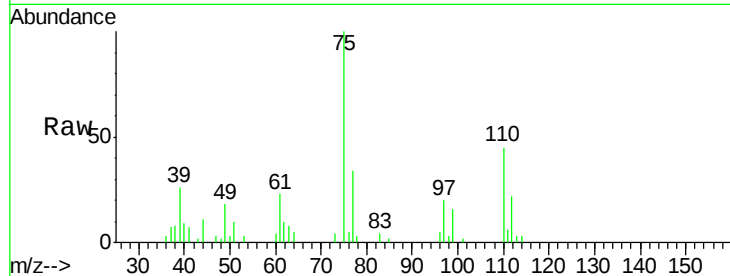
#76
1,2,3-Trichloropropane
Concen: 0.96 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 4202
Ion Ratio Lower Upper
75 100
77 42.3 22.8 68.3

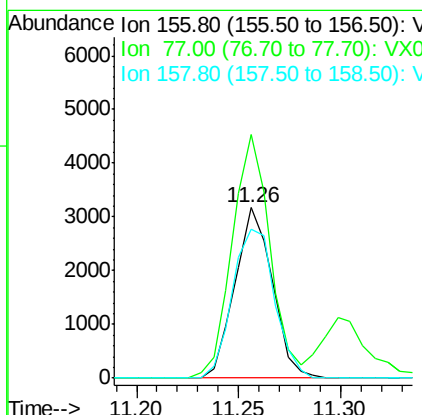
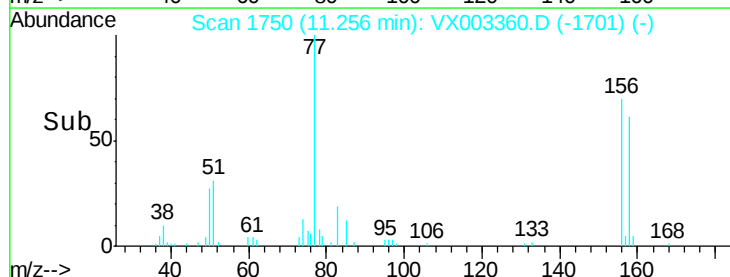
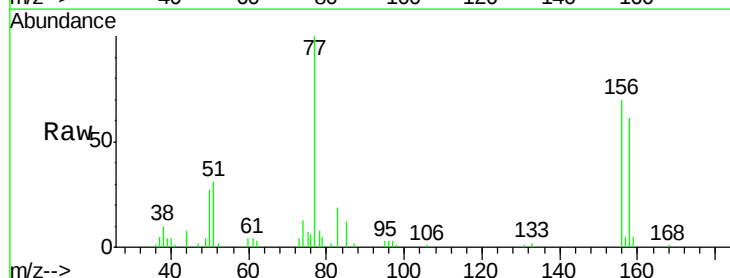
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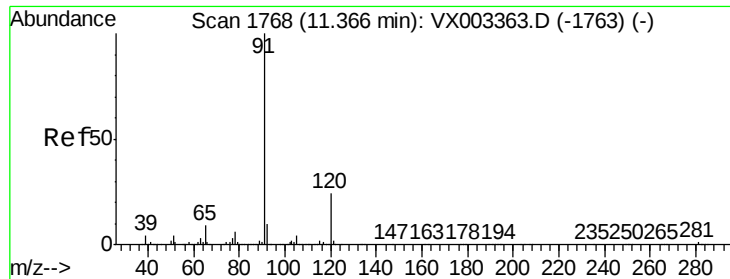
MMDadoda
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#77
Bromobenzene
Concen: 0.87 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion: 156 Resp: 4032
Ion Ratio Lower Upper
156 100
77 144.6 71.4 214.2
158 98.4 48.9 146.6





#78

n-propylbenzene

Concen: 0.84 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 14879

Ion Ratio Lower Upper

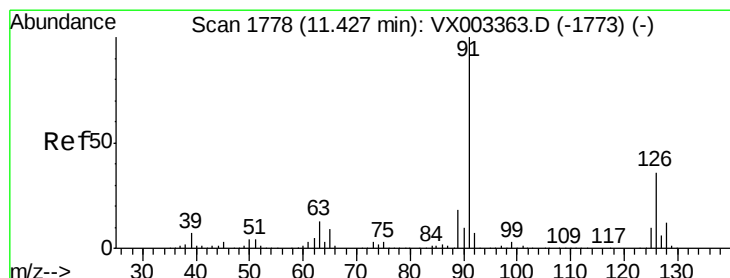
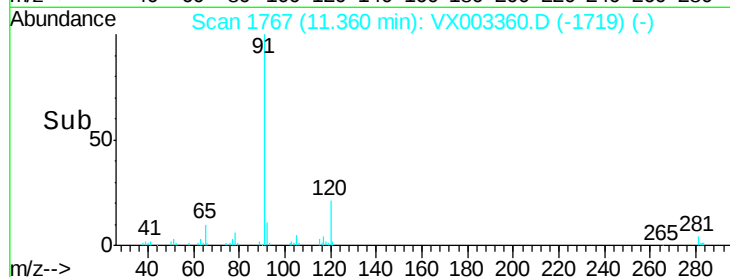
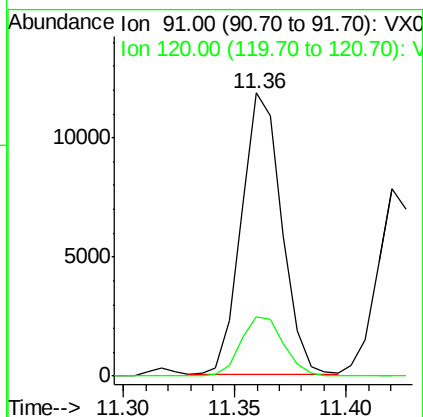
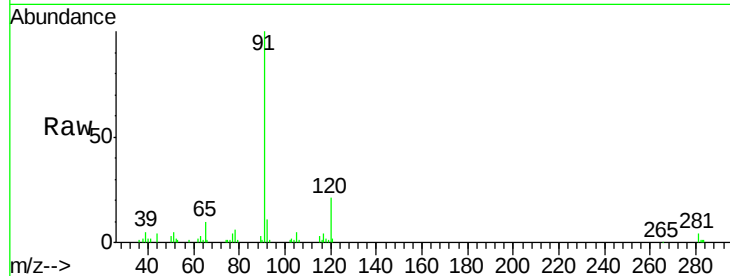
91 100

120 22.3 11.8 35.4

Manual Integrations
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#79

2-Chlorotoluene

Concen: 0.94 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003360.D

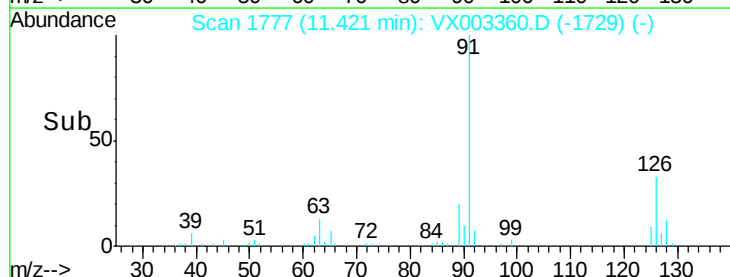
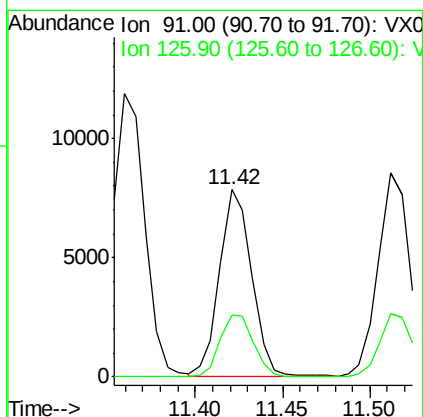
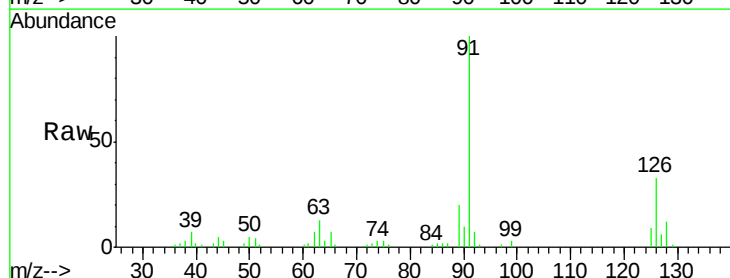
Acq: 13 Jul 2018 11:33

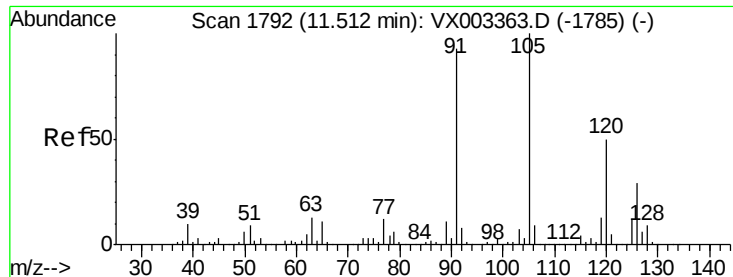
Tgt Ion: 91 Resp: 10174

Ion Ratio Lower Upper

91 100

126 34.2 17.7 53.1





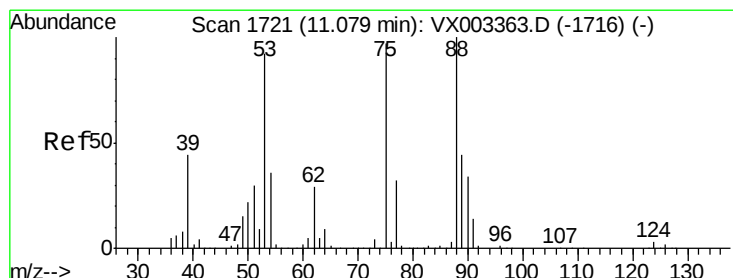
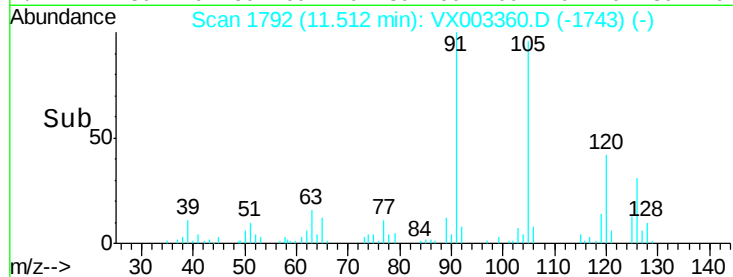
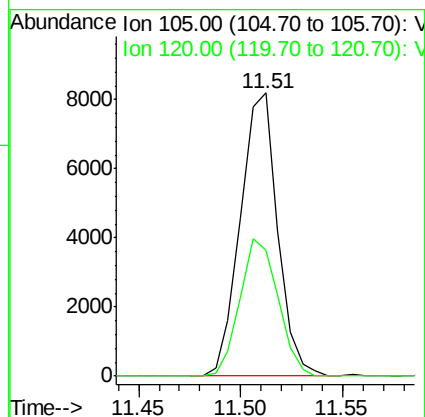
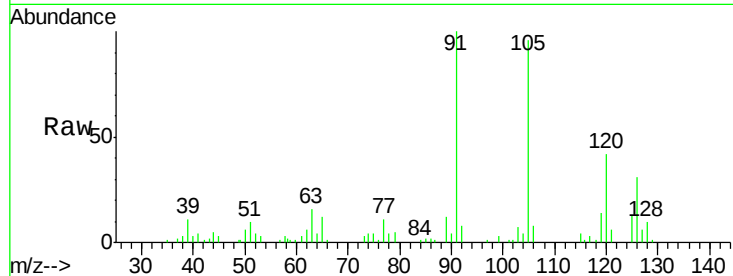
#80
 1,3,5-Trimethylbenzene
 Concen: 0.78 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion:105 Resp: 10380
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.4 73.4

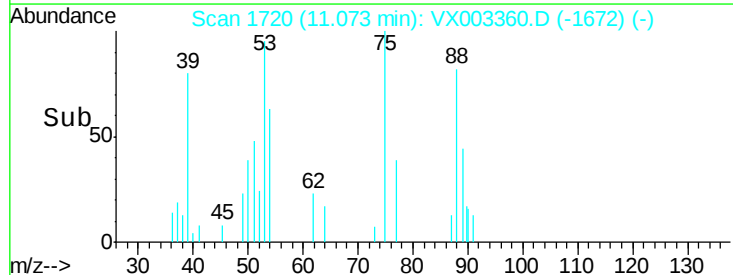
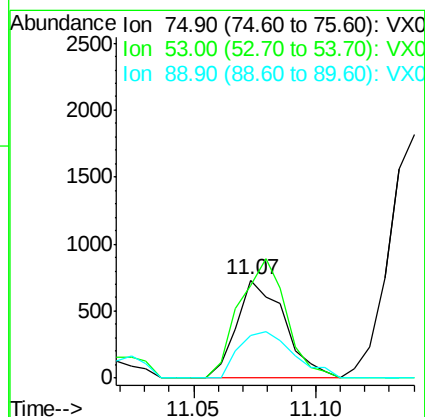
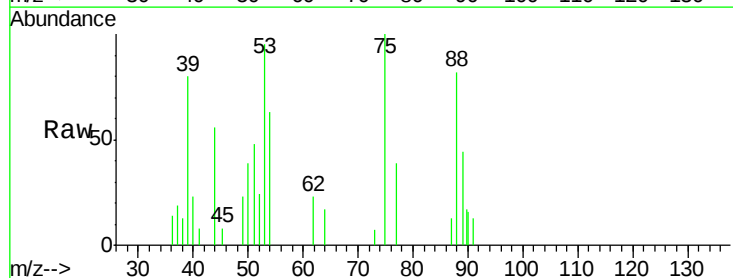
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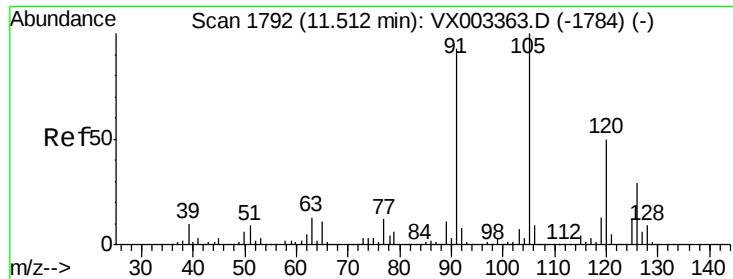
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.74 ug/l
 RT: 11.07 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion: 75 Resp: 999
 Ion Ratio Lower Upper
 75 100
 53 119.2 86.8 130.2
 89 53.7 38.2 57.2





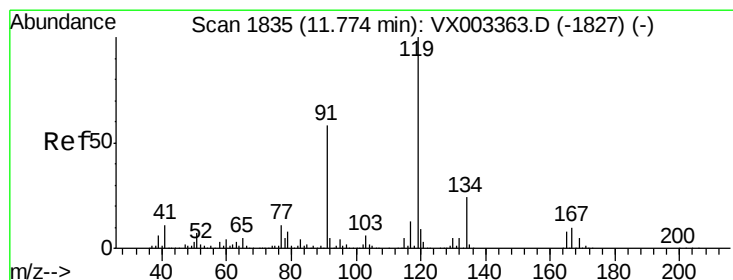
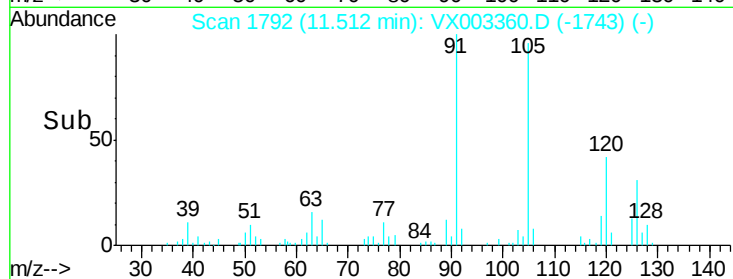
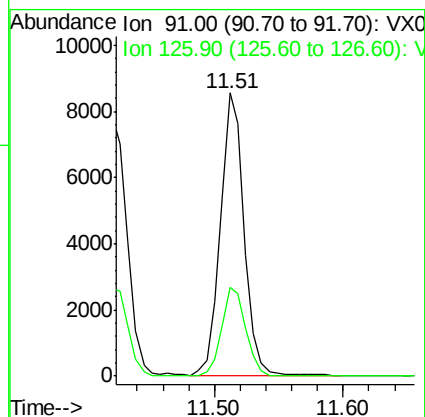
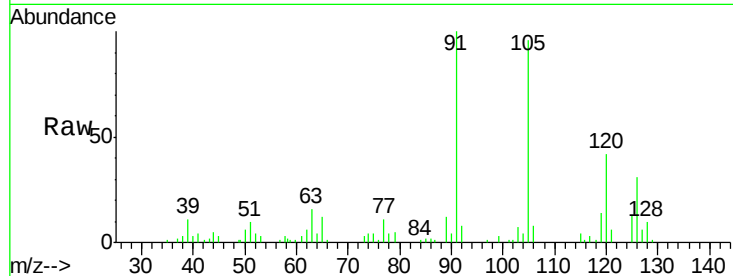
#82
4-Chlorotoluene
Concen: 0.88 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 11183
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.4

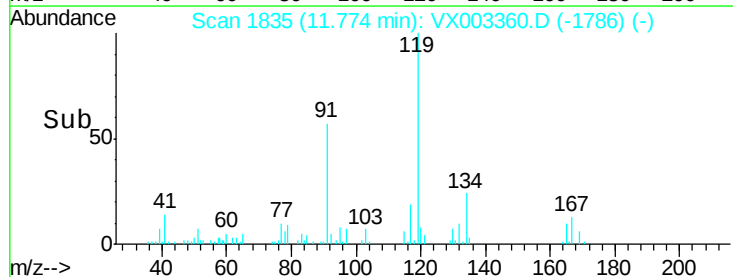
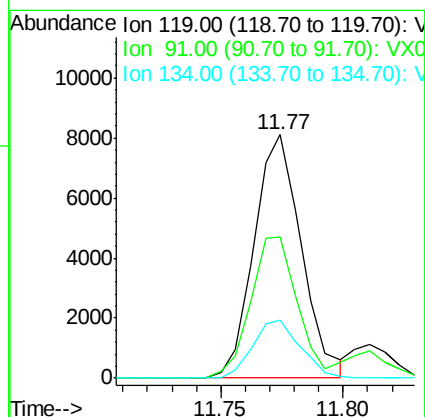
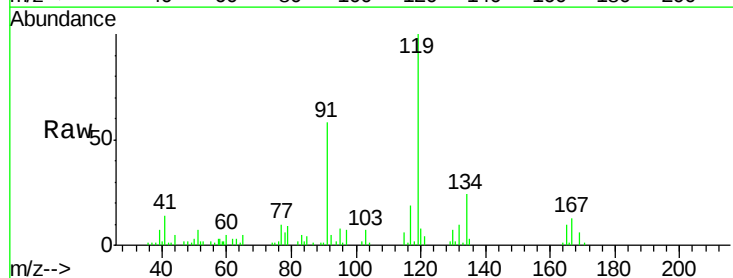
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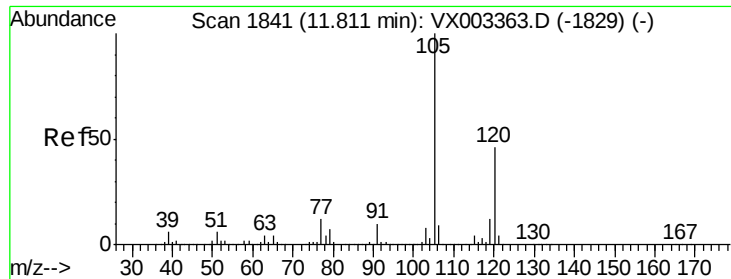
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#83
tert-Butylbenzene
Concen: 0.82 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion: 119 Resp: 10871
Ion Ratio Lower Upper
119 100
91 57.2 30.3 90.9
134 24.0 11.7 35.1





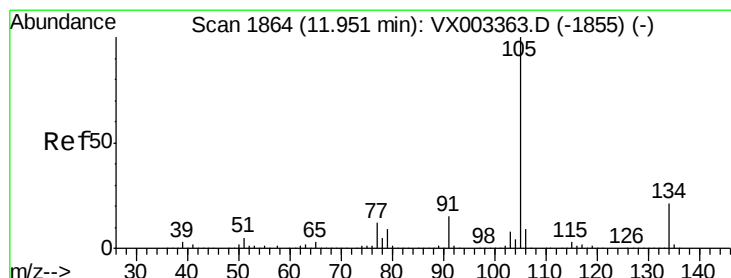
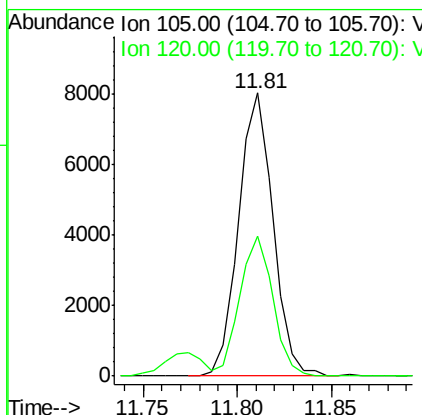
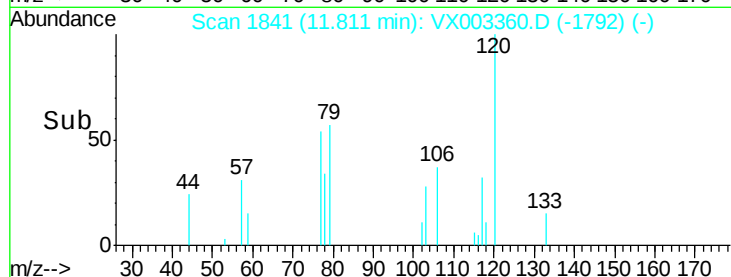
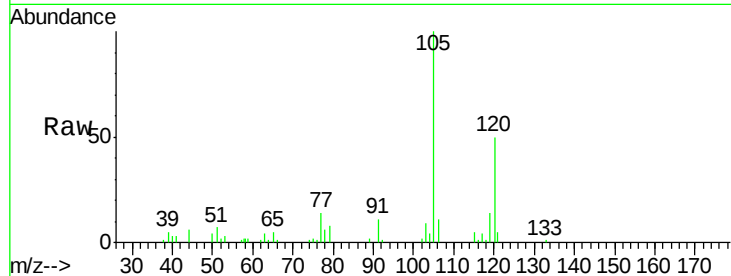
#84
 1,2,4-Trimethylbenzene
 Concen: 0.74 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 10150
 Ion Ratio Lower Upper
 105 100
 120 47.8 22.3 66.8

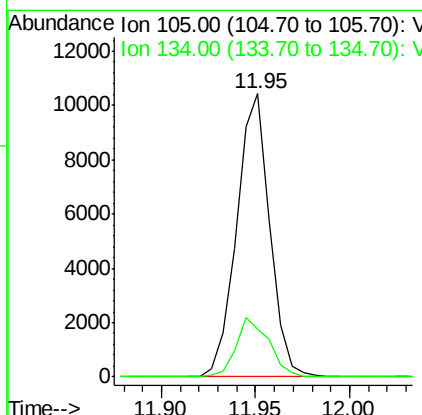
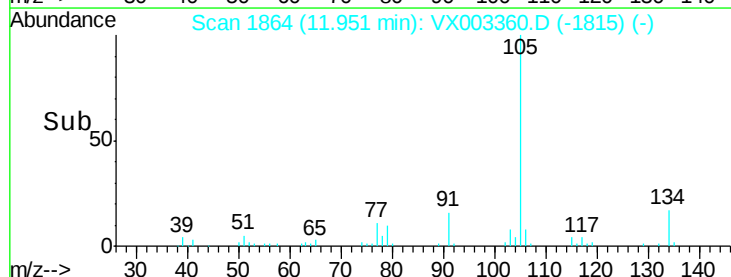
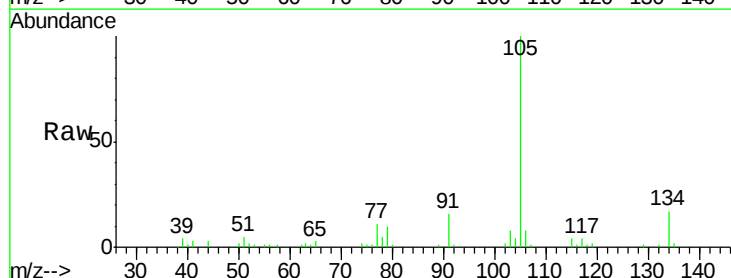
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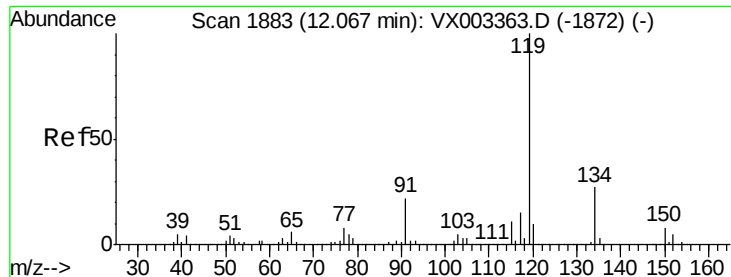
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#85
 sec-Butylbenzene
 Concen: 0.80 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion:105 Resp: 12665
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1





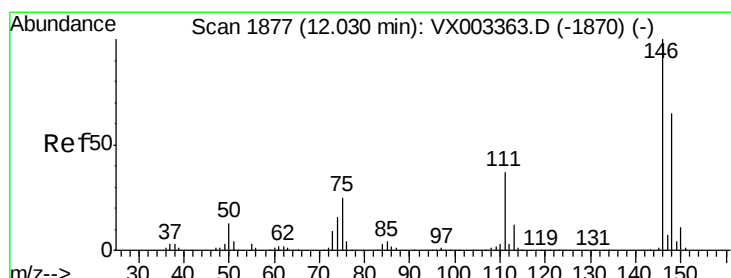
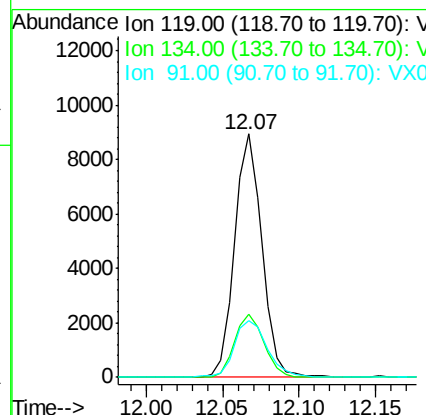
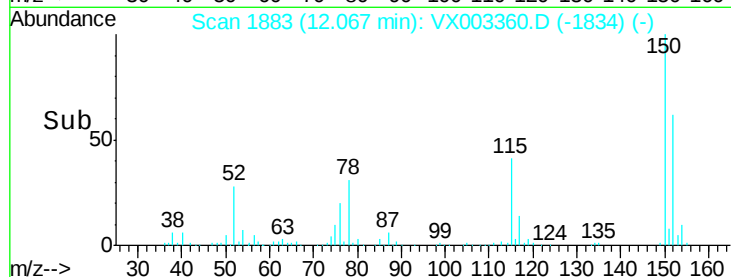
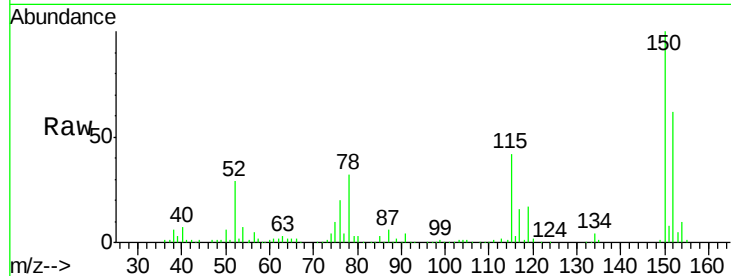
#86
p-Isopropyltoluene
Concen: 0.77 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.4	40.1
91	28.2	11.9	35.7

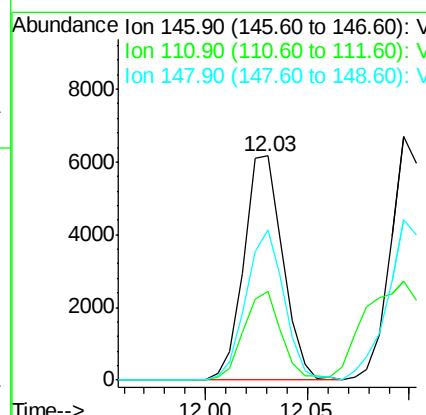
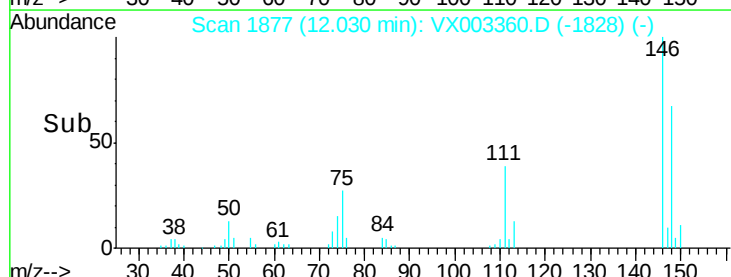
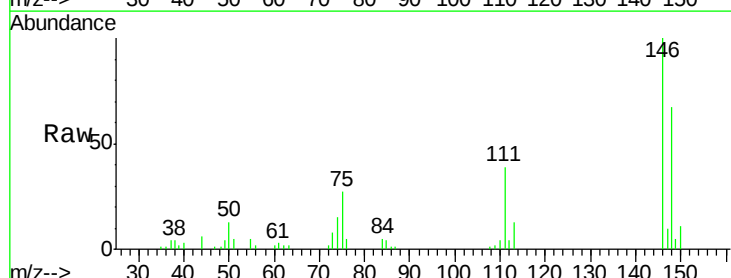
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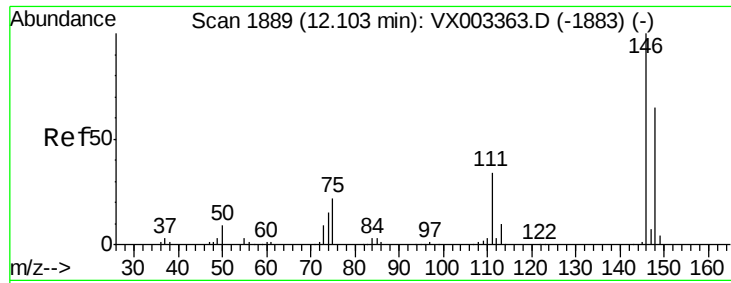
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#87
1,3-Dichlorobenzene
Concen: 0.96 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX003360.D
Acq: 13 Jul 2018 11:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.7
148	65.7	32.1	96.3





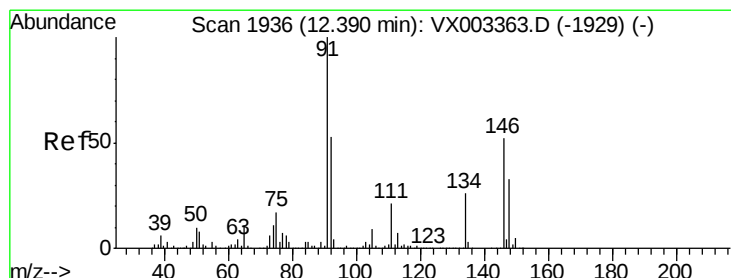
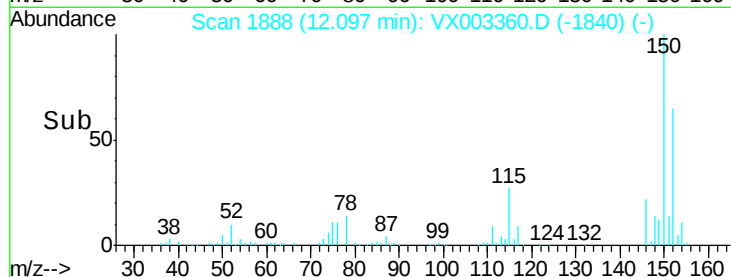
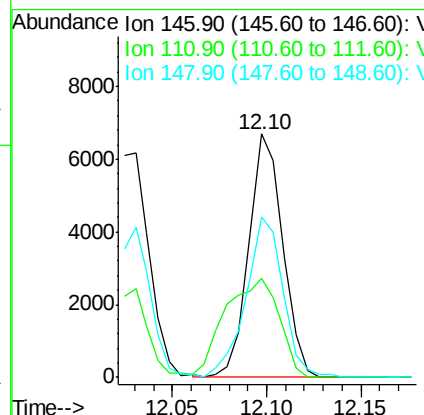
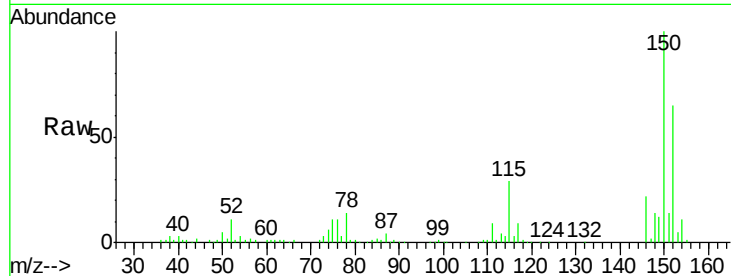
#88
 1,4-Dichlorobenzene
 Concen: 0.97 ug/l m
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	64.2	32.4	97.0

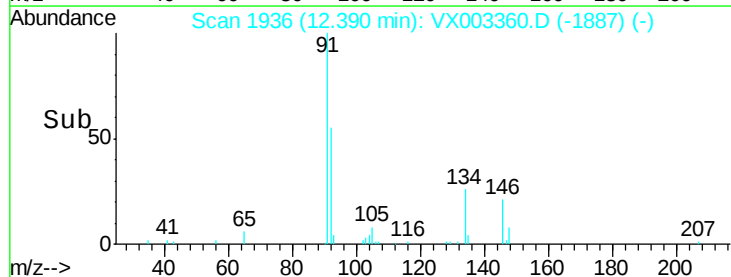
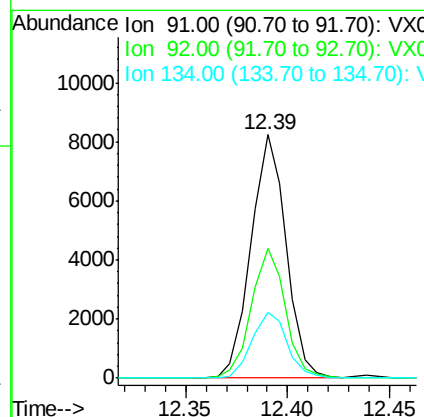
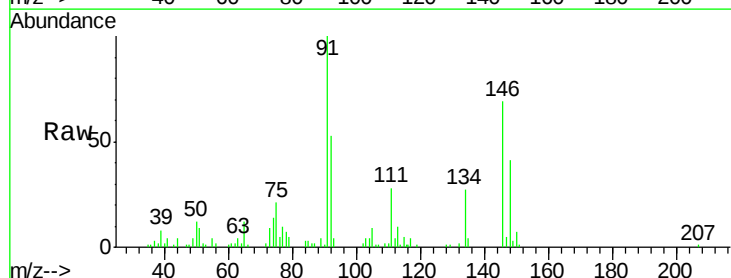
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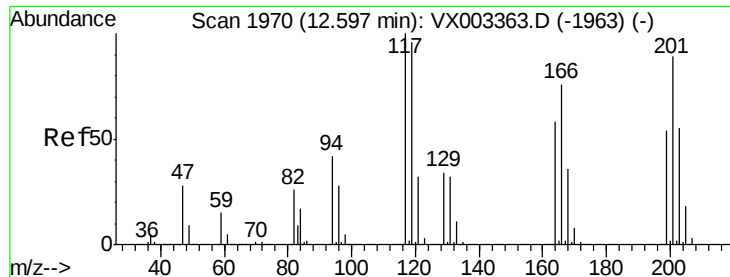
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#89
 n-Butylbenzene
 Concen: 0.82 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	26.9	13.5	40.5





#90

Hexachloroethane

Concen: 0.83 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:117 Resp: 1808

Ion Ratio Lower Upper

117 100

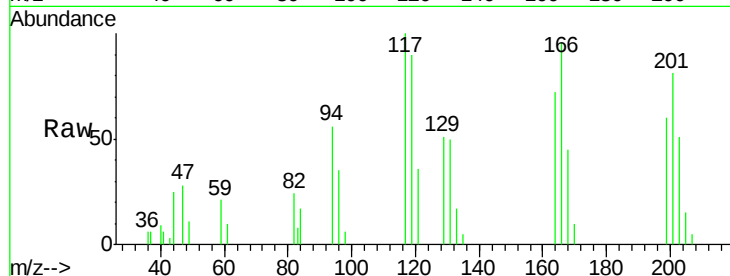
201 94.4 49.0 147.0

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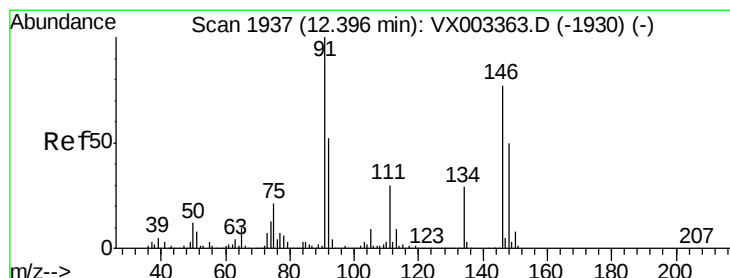
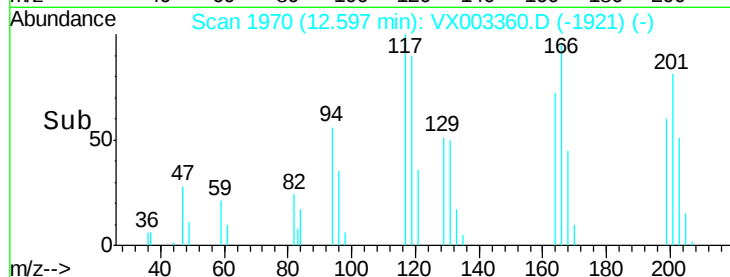
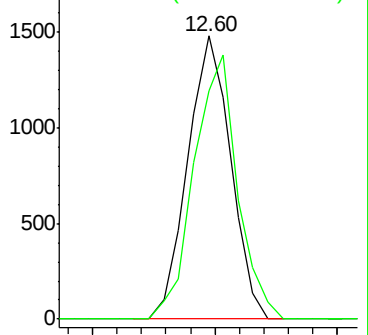
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.94 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

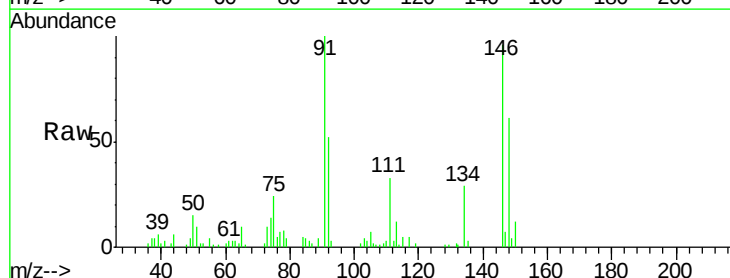
Tgt Ion:146 Resp: 7993

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.1

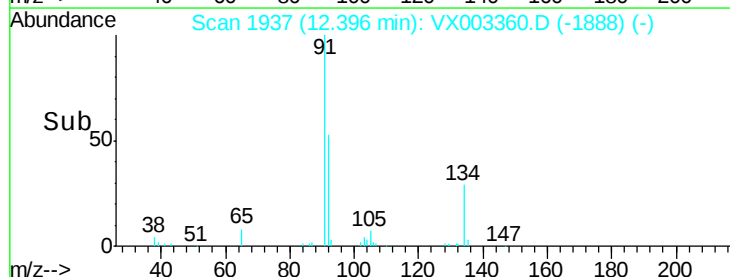
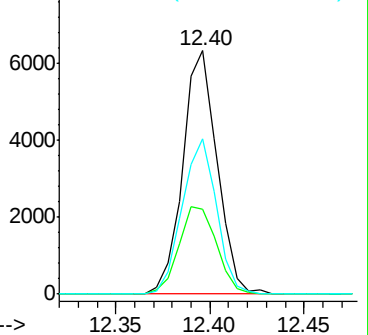
148 63.5 31.7 95.1

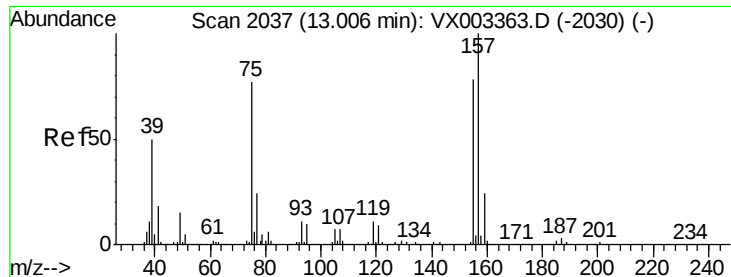


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





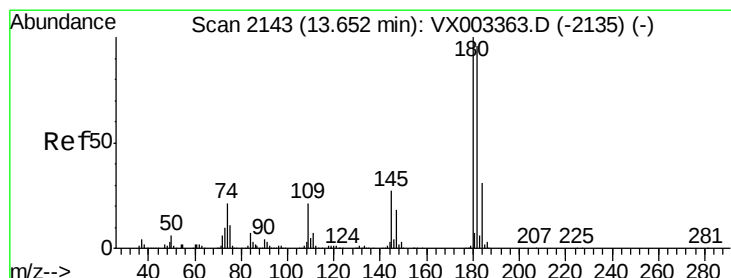
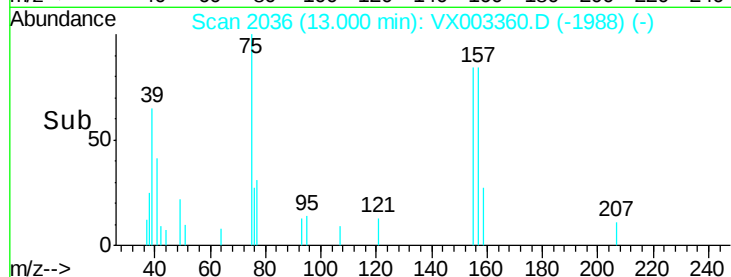
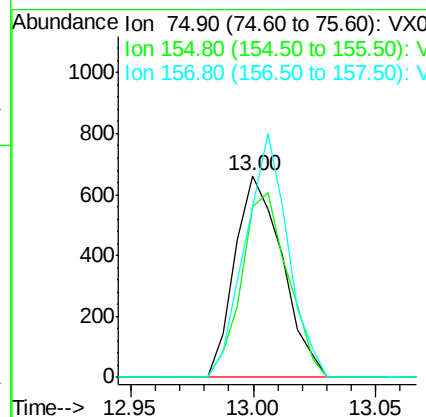
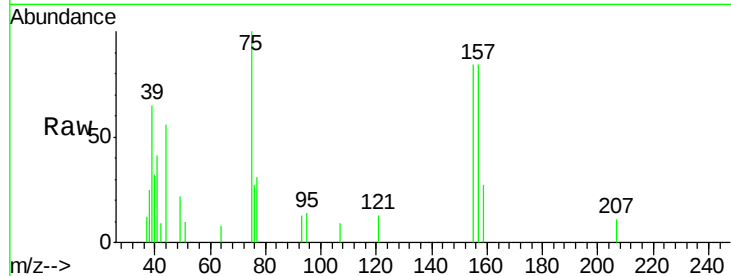
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.84 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 894
 Ion Ratio Lower Upper
 75 100
 155 89.0 45.8 137.4
 157 108.3 60.1 180.3

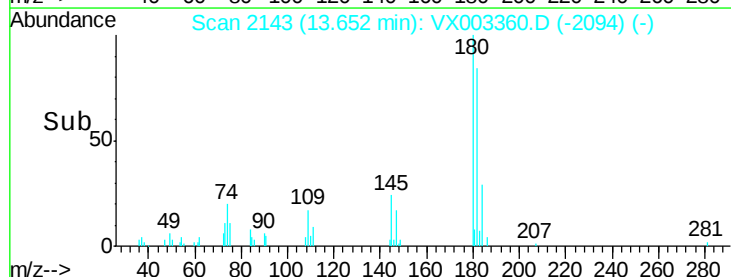
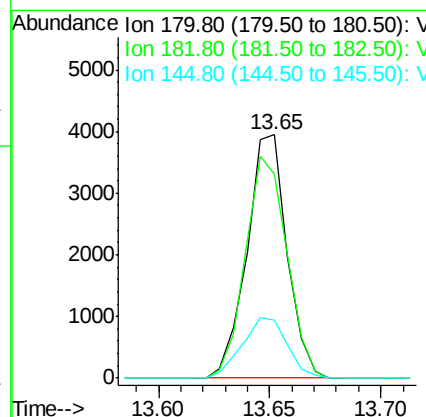
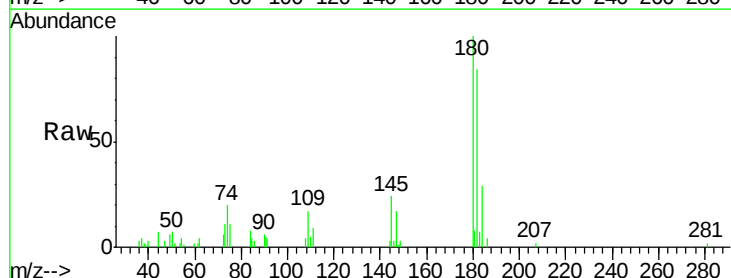
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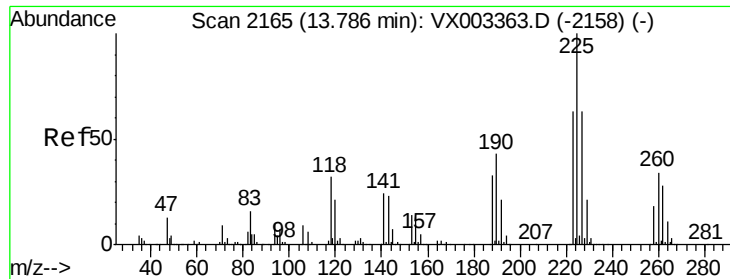
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#93
 1,2,4-Trichlorobenzene
 Concen: 0.80 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Tgt Ion: 180 Resp: 4963
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.7 143.1
 145 27.9 14.1 42.4





#94

Hexachlorobutadiene

Concen: 0.81 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Instrument :

MSVOA_X

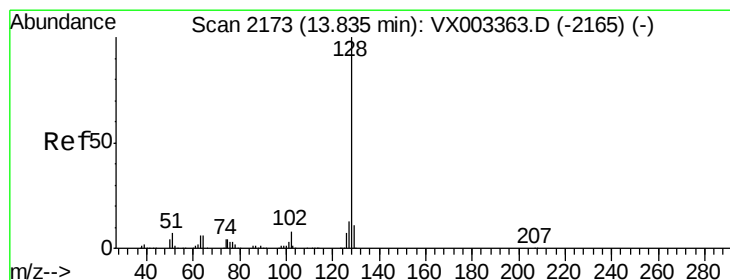
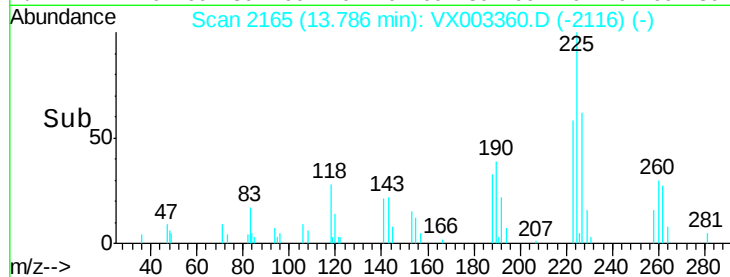
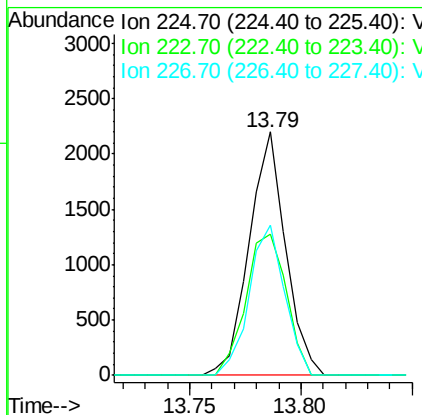
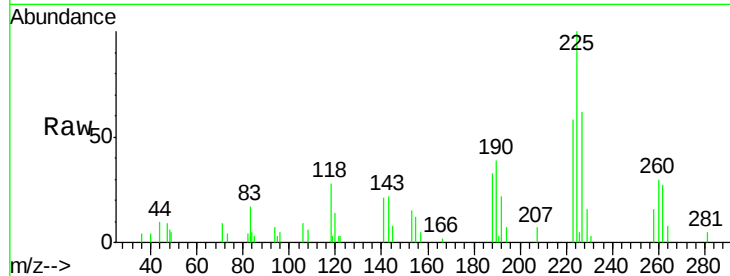
ClientSampleId :

VSTDIC001

Tot Ion:	225	Resp:	2511
Ion Ratio	Lower	Upper	
225	100		
223	64.5	31.6	95.0
227	60.1	32.4	97.2

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#95

Naphthalene

Concen: 0.73 ug/l

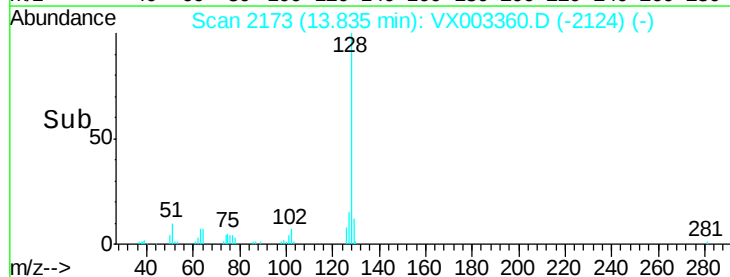
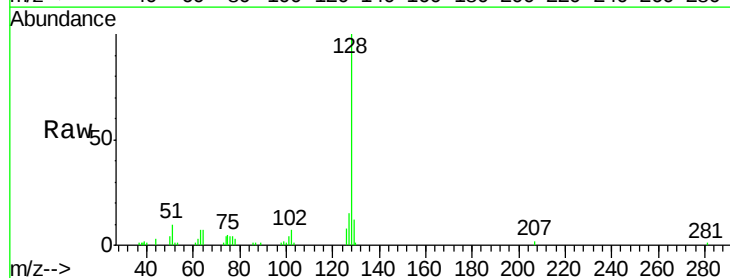
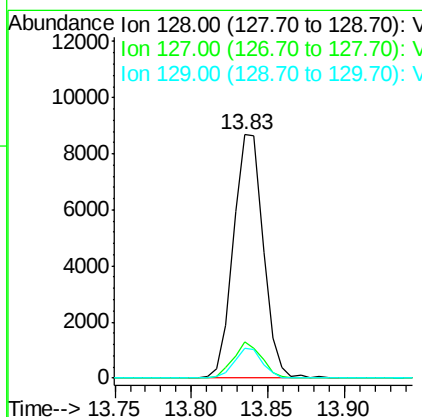
RT: 13.83 min Scan# 2173

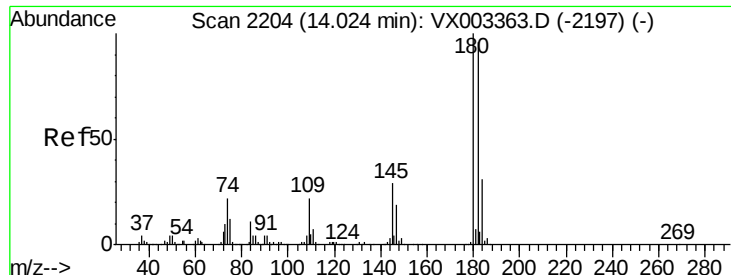
Delta R.T. 0.00 min

Lab File: VX003360.D

Acq: 13 Jul 2018 11:33

Tgt Ion:	128	Resp:	11760
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.4	15.6
129	11.4	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.78 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003360.D
 Acq: 13 Jul 2018 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.0
145	30.0	14.8	44.3

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