

Data File : VX000253.D
Acq On : 09 Mar 2018 13:58
Operator : JC/MD
Sample : VX0309MBS01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX0309MBS01

Manual Integrations
APPROVED

apatel
3/10/2018 12:55:57 PM

Quant Time: Mar 09 16:55:01 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	118529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	195636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	200743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	112391	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	82569	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
35) Dibromofluoromethane	5.51	113	63871	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	8.73	98	252476	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.15	95	97564	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	23928	18.53	ug/l	97
3) Chloromethane	1.32	50	25989	20.61	ug/l	96
4) Vinyl Chloride	1.40	62	31412	21.38	ug/l	99
5) Bromomethane	1.64	94	27021	16.97	ug/l	98
6) Chloroethane	1.73	64	20353	21.95	ug/l	99
7) Trichlorofluoromethane	1.93	101	53102	21.78	ug/l	99
8) Diethyl Ether	2.20	74	19339	21.61	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	28894	21.22	ug/l	99
10) Methyl Iodide	2.52	142	24384	19.13	ug/l	98
11) Tert butyl alcohol	3.09	59	61064	101.14	ug/l	98
12) 1,1-Dichloroethene	2.38	96	26770	21.41	ug/l	94
13) Acrolein	2.30	56	34906	109.97	ug/l	98
14) Allyl chloride	2.73	41	48625	21.06	ug/l	100
15) Acrylonitrile	3.16	53	113371	107.90	ug/l	99
16) Acetone	2.45	43	121317	102.81	ug/l	96
17) Carbon Disulfide	2.57	76	66402	19.39	ug/l	98
18) Methyl Acetate	2.79	43	54444	21.67	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	98706	22.17	ug/l	97
20) Methylene Chloride	2.87	84	30818	21.90	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	28345	20.62	ug/l	98
22) Diisopropyl ether	3.89	45	70710	17.83	ug/l	98
23) Vinyl Acetate	3.84	43	336696	88.09	ug/l	99
24) 1,1-Dichloroethane	3.70	63	52811	21.72	ug/l	97
25) 2-Butanone	4.73	43	140127	96.23	ug/l	97
26) 2,2-Dichloropropane	4.59	77	35164	19.79	ug/l	100
27) cis-1,2-Dichloroethene	4.62	96	25664	19.69	ug/l	98
28) Bromochloromethane	5.03	49	23802	23.04	ug/l	# 12
29) Tetrahydrofuran	5.19	42	88199	96.43	ug/l	99
30) Chloroform	5.23	83	46149	19.63	ug/l	95
31) Cyclohexane	5.59	56	35812	19.92	ug/l	91
32) 1,1,1-Trichloroethane	5.51	97	41341	20.29	ug/l	97
36) 1,1-Dichloropropene	5.81	75	33337	19.15	ug/l	99
37) Ethyl Acetate	4.88	43	47642	18.94	ug/l	99
38) Carbon Tetrachloride	5.79	117	34396	19.52	ug/l	92

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Quant Time: Mar 09 16:55:01 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	40698	19.05	ug/l	97
40) Benzene	6.15	78	101516	20.22	ug/l	98
41) Methacrylonitrile	5.08	41	24071	18.77	ug/l	98
42) 1,2-Dichloroethane	6.21	62	39442	20.03	ug/l	100
43) Isopropyl Acetate	6.48	43	70441	19.37	ug/l	99
44) Trichloroethene	7.23	130	28411	19.77	ug/l	90
45) 1,2-Dichloropropane	7.53	63	25585	20.12	ug/l #	86
46) Dibromomethane	7.67	93	20050	19.93	ug/l	99
47) Bromodichloromethane	7.91	83	34757	19.64	ug/l	92
48) Methyl methacrylate	7.79	41	35224	19.66	ug/l	97
49) 1,4-Dioxane	7.77	88	15251	375.00	ug/l	96
51) 4-Methyl-2-Pentanone	8.67	43	275886	100.49	ug/l	97
52) Toluene	8.79	92	68074	19.78	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	41010	19.67	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	40401	20.03	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	28436	20.40	ug/l	93
56) Ethyl methacrylate	9.20	69	42320	20.29	ug/l	95
57) 1,3-Dichloropropane	9.38	76	46952	20.06	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	114604	108.83	ug/l	98
59) 2-Hexanone	9.51	43	230105	98.30	ug/l	98
60) Dibromochloromethane	9.59	129	27836	18.94	ug/l	100
61) 1,2-Dibromoethane	9.68	107	31534	20.38	ug/l	98
64) Tetrachloroethene	9.34	164	26499	18.87	ug/l	96
65) Chlorobenzene	10.15	112	80268	19.80	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	27661	19.96	ug/l	98
67) Ethyl Benzene	10.26	91	135407	19.14	ug/l	100
68) m/p-Xylenes	10.37	106	105974	38.92	ug/l	96
69) o-Xylene	10.71	106	51969	19.86	ug/l	100
70) Styrene	10.72	104	84278	19.41	ug/l	98
71) Bromoform	10.87	173	21557	17.41	ug/l #	97
73) Isopropylbenzene	11.02	105	139366	19.81	ug/l	98
74) N-amyl acetate	6.48	43	70441	19.57	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	50420	20.44	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	45451m	20.17	ug/l	
77) Bromobenzene	11.26	156	35368	19.44	ug/l	96
78) n-propylbenzene	11.37	91	167710	20.25	ug/l	96
79) 2-Chlorotoluene	11.43	91	94389	20.20	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	119869	20.40	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	12868	17.49	ug/l	86
82) 4-Chlorotoluene	11.52	91	116320	20.48	ug/l	98
83) tert-Butylbenzene	11.78	119	117300	20.52	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	123760	20.48	ug/l	99
85) sec-Butylbenzene	11.96	105	147452	20.39	ug/l	98
86) p-Isopropyltoluene	12.07	119	130610	20.48	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	69112	19.98	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	71552	19.74	ug/l	99
89) n-Butylbenzene	12.40	91	126609	20.62	ug/l	98
90) Hexachloroethane	12.60	117	19291	18.78	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	68052	19.87	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13862	20.01	ug/l	88

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030918\
Quantitation Report (QT Reviewed)

Data File : VX000253.D
Acq On : 09 Mar 2018 13:58
Operator : JC/MD
Sample : VX0309MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBSD01

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Quant Time: Mar 09 16:55:01 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	47645	19.13	ug/l	97
94) Hexachlorobutadiene	13.79	225	19274	18.59	ug/l	97
95) Naphthalene	13.84	128	175281	20.16	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	47887	19.43	ug/l	99

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

Data File : VX000253.D

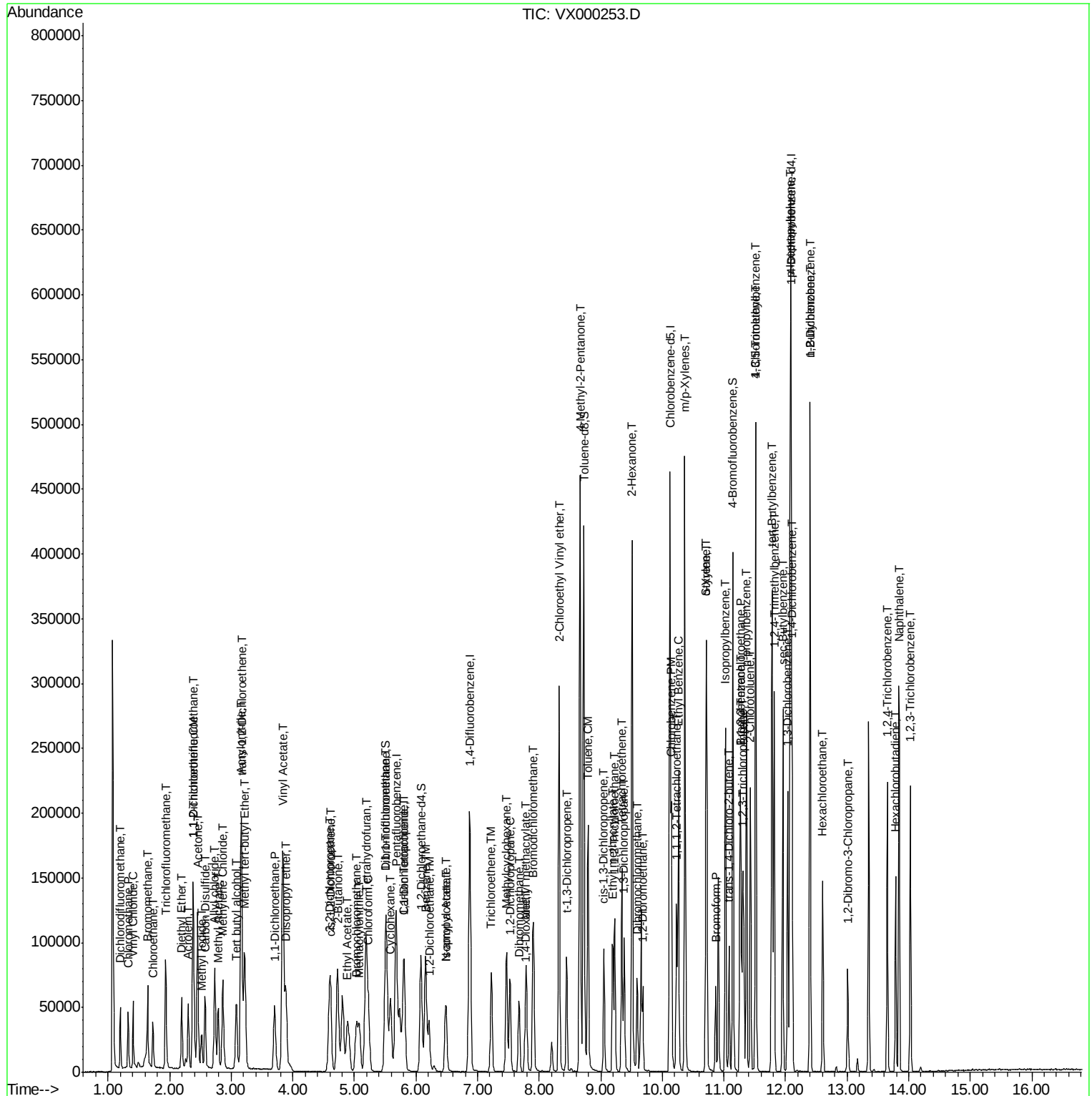
Acq On : 09 Mar 2018 13:58
Operator : JC/MD
Sample : VX0309MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

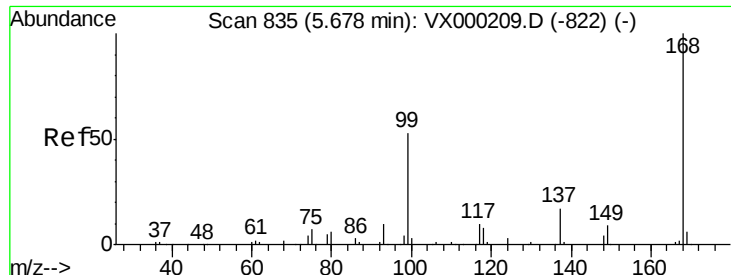
Instrument :
MSVOA_X
ClientSampleId :
VX0309MBSD01

Manual Integrations

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Quant Time: Mar 09 16:55:01 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0309MBS01

Tgt Ion: 168 Resp: 118529

Ion Ratio Lower Upper

168 100

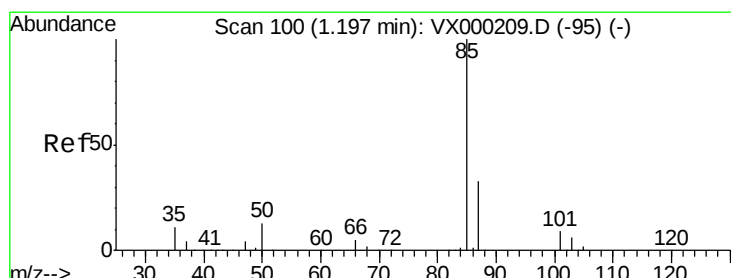
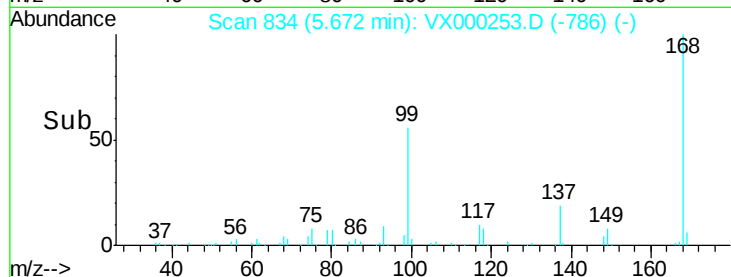
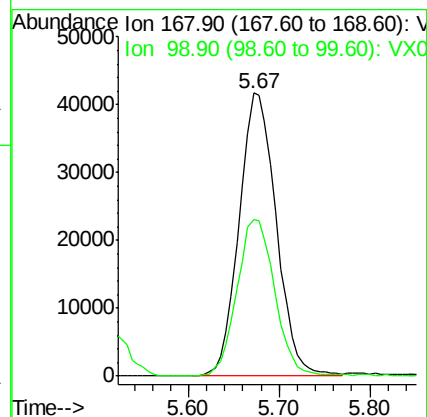
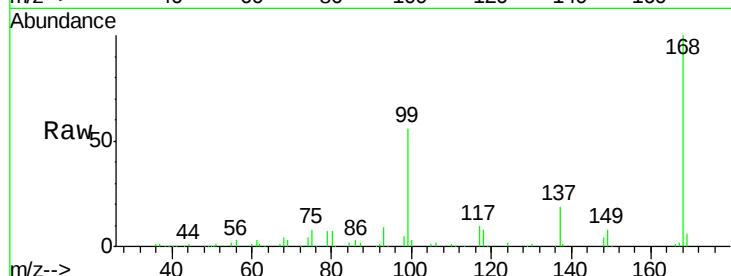
99 55.5 42.8 64.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.53 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000253.D

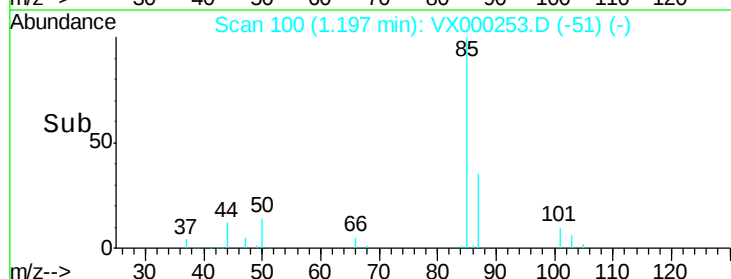
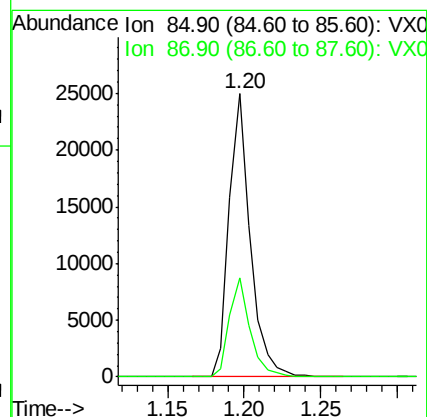
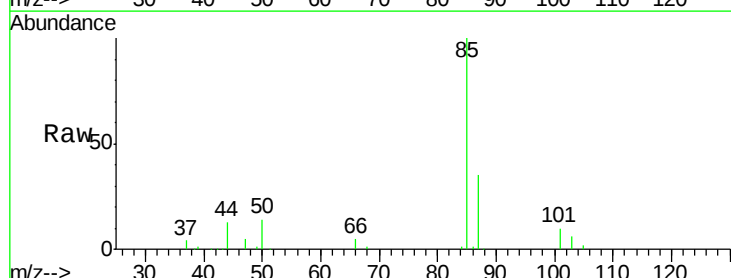
Acq: 09 Mar 2018 13:58

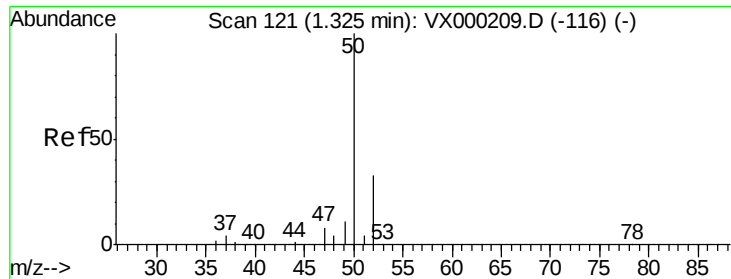
Tgt Ion: 85 Resp: 23928

Ion Ratio Lower Upper

85 100

87 35.1 16.7 50.0





#3

Chloromethane

Concen: 20.61 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0309MBS01

Tgt Ion: 50 Resp: 25989

Ion Ratio Lower Upper

50 100

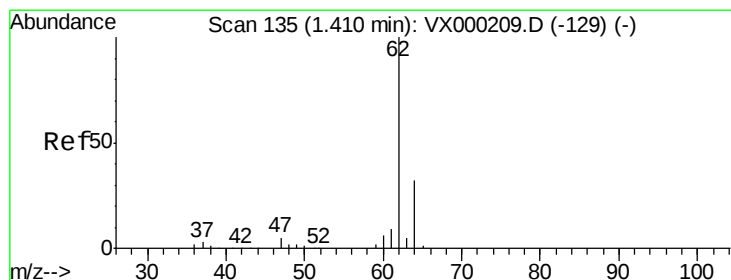
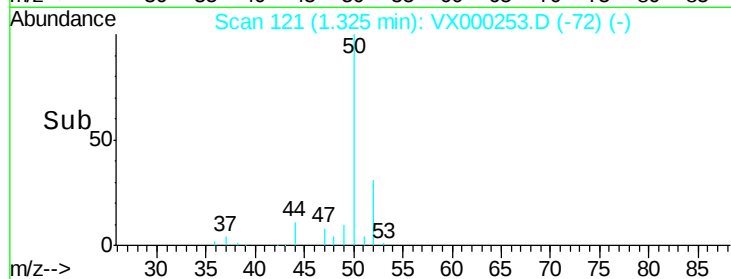
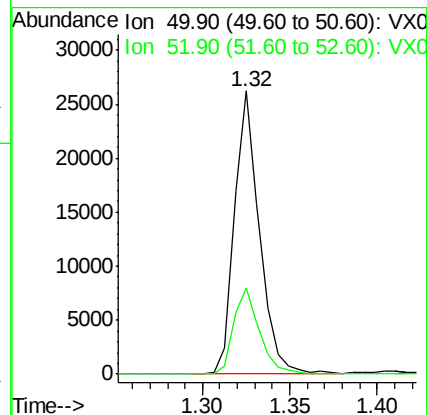
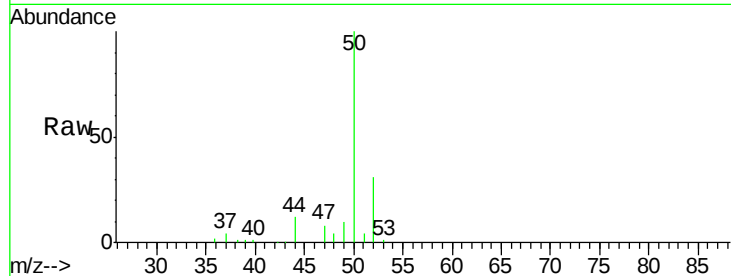
52 30.6 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.38 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000253.D

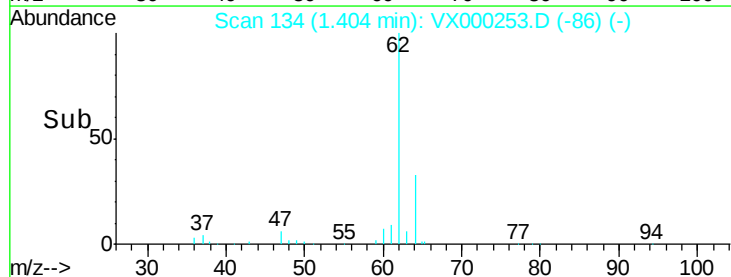
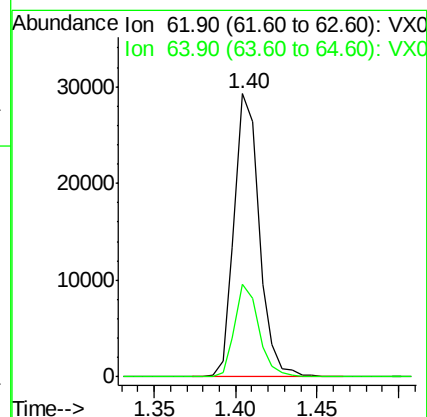
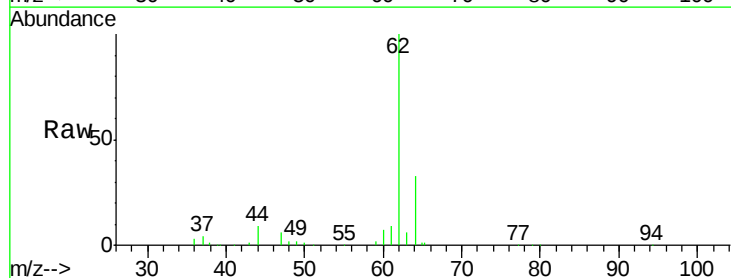
Acq: 09 Mar 2018 13:58

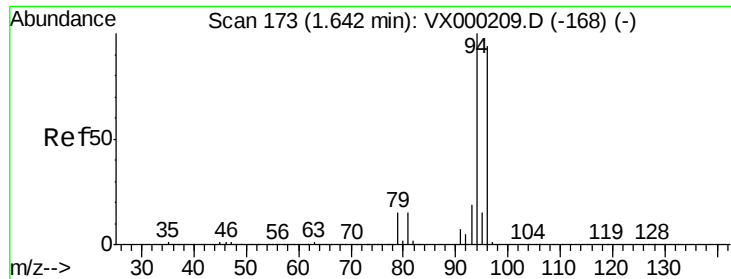
Tgt Ion: 62 Resp: 31412

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5





#5

Bromomethane

Concen: 16.97 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0309MBS01

Tgt Ion: 94 Resp: 27021

Ion Ratio Lower Upper

94 100

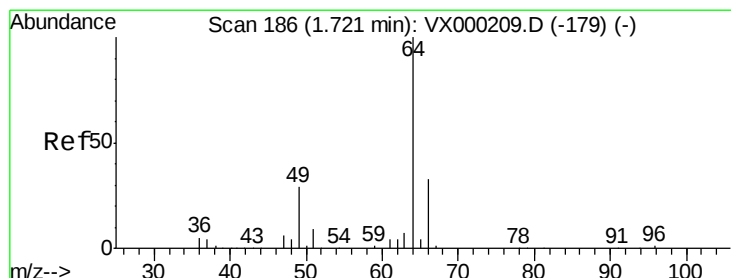
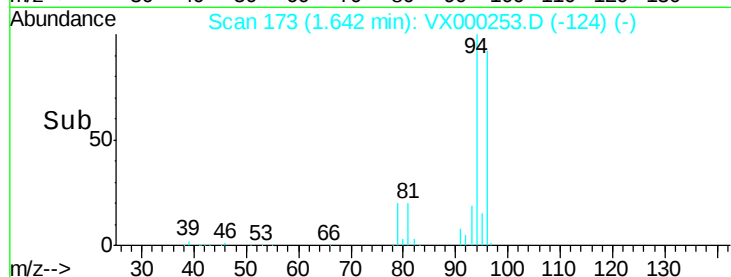
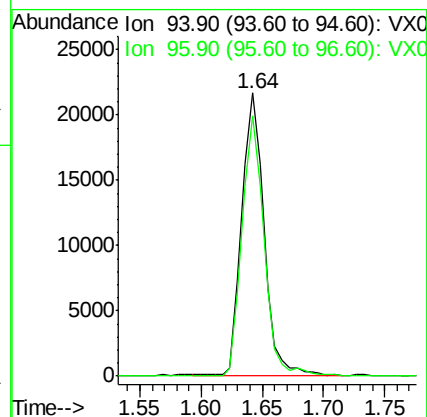
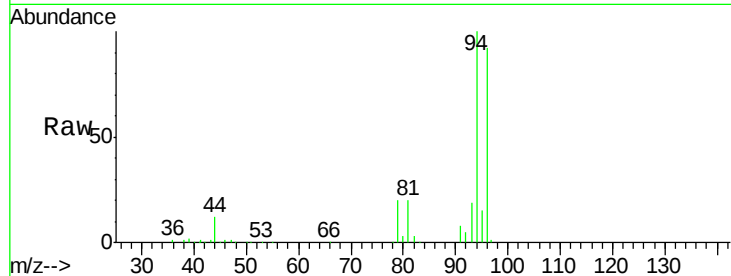
96 92.1 75.3 112.9

Manual Integrations

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#6

Chloroethane

Concen: 21.95 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000253.D

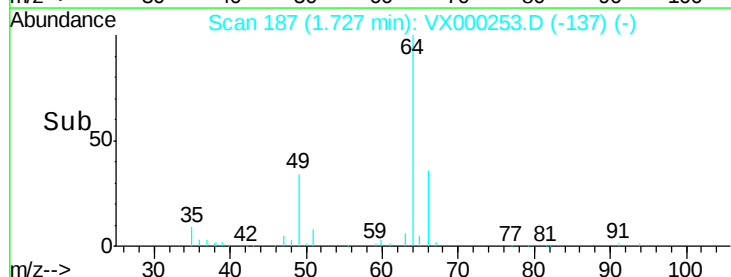
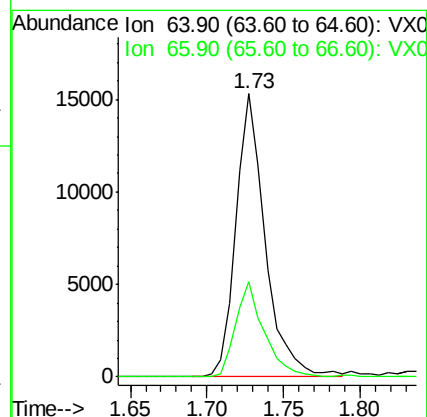
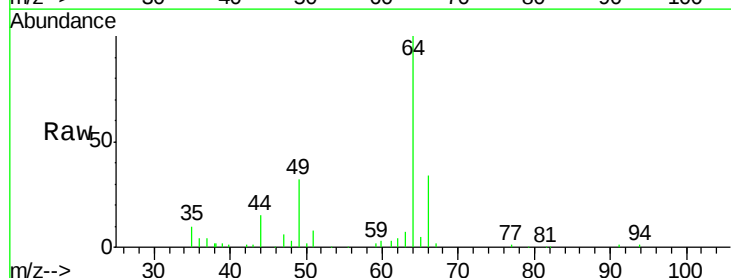
Acq: 09 Mar 2018 13:58

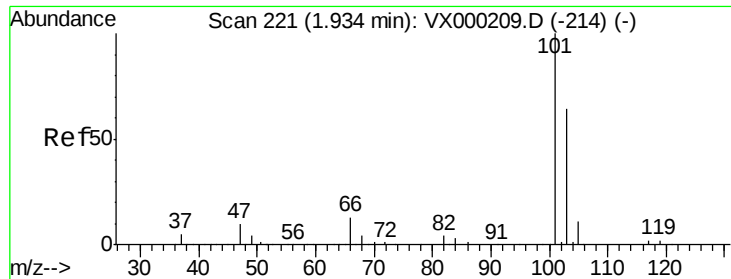
Tgt Ion: 64 Resp: 20353

Ion Ratio Lower Upper

64 100

66 33.6 26.2 39.4





#7

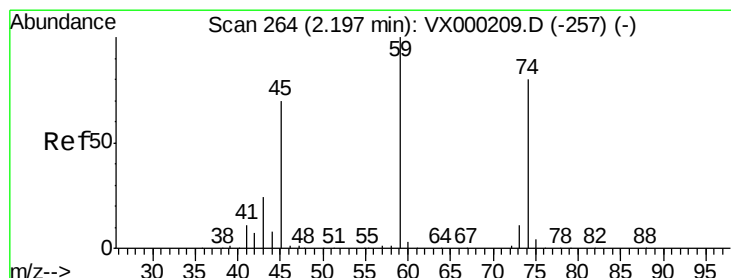
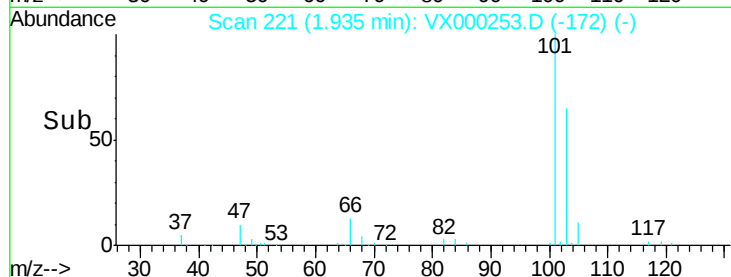
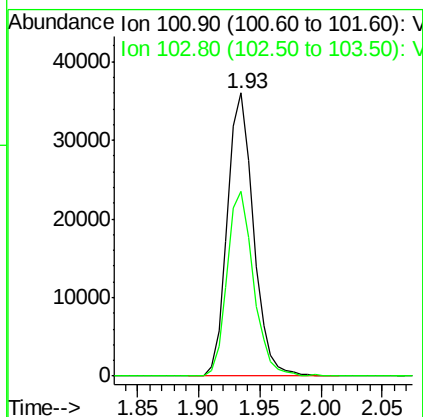
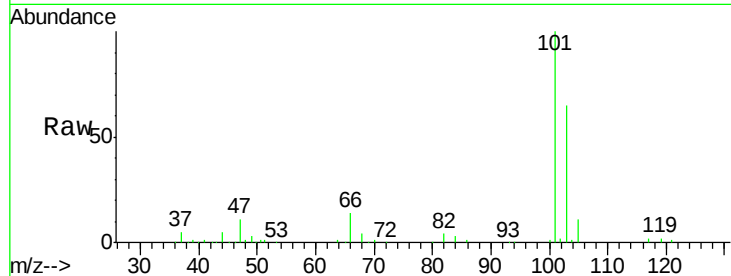
Trichlorofluoromethane
Concen: 21.78 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBSD01

Tgt Ion: 101 Resp: 53102
Ion Ratio Lower Upper
101 100
103 65.1 51.2 76.8

Manual Integrations
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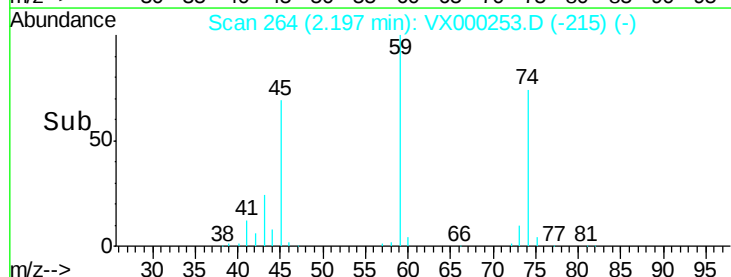
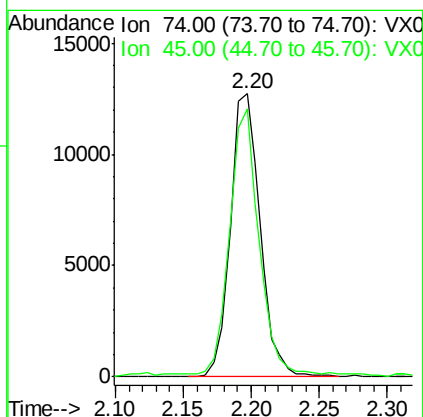
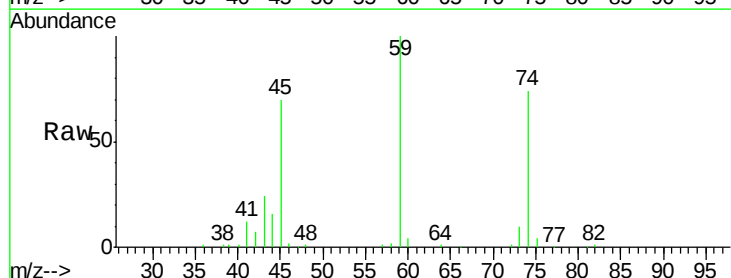
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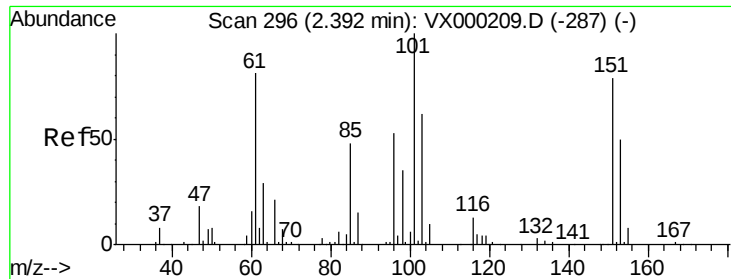


#8

Diethyl Ether
Concen: 21.61 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 74 Resp: 19339
Ion Ratio Lower Upper
74 100
45 91.3 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.22 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

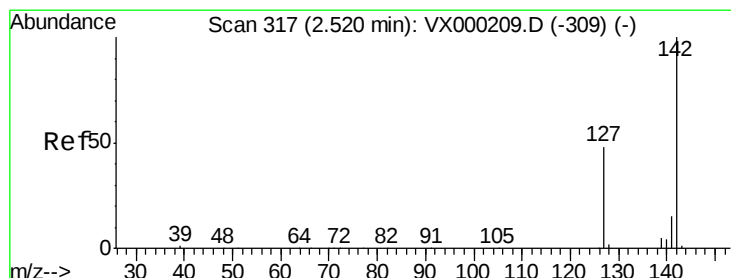
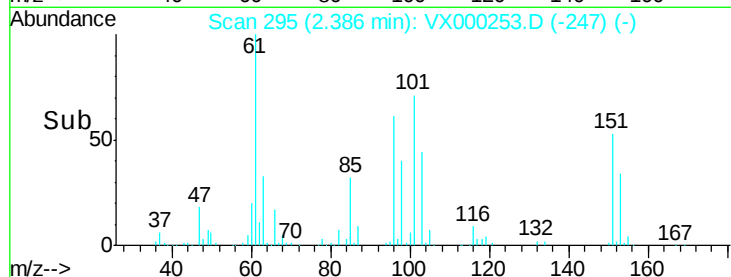
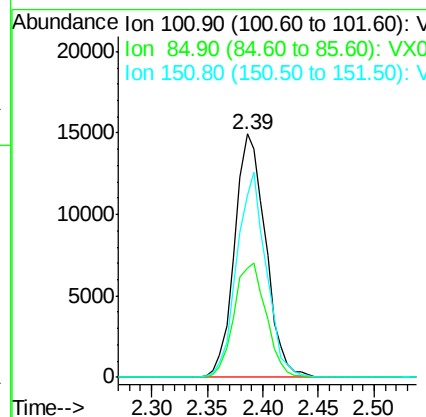
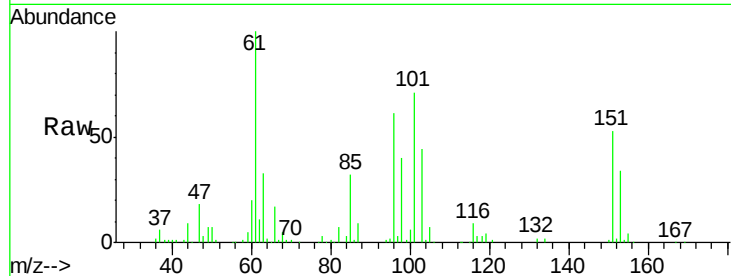
ClientSampleId :

VX0309MBS01

Tgt Ion:	101	Resp:	28894
Ion Ratio	Lower	Upper	
101	100		
85	48.1	38.3	57.5
151	79.9	62.8	94.2

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#10

Methyl Iodide

Concen: 19.13 ug/l

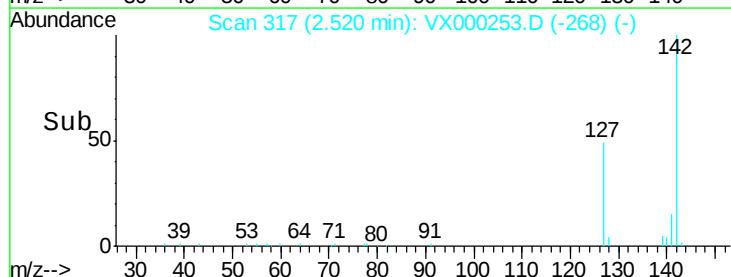
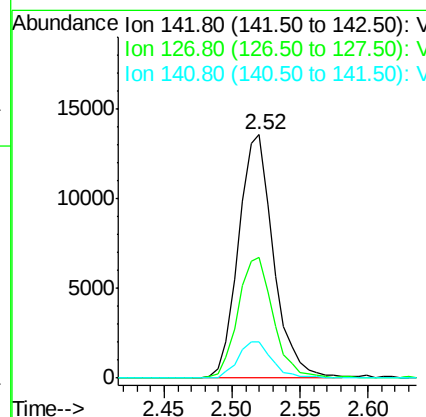
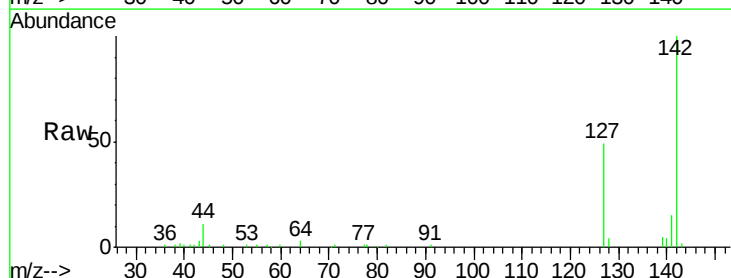
RT: 2.52 min Scan# 317

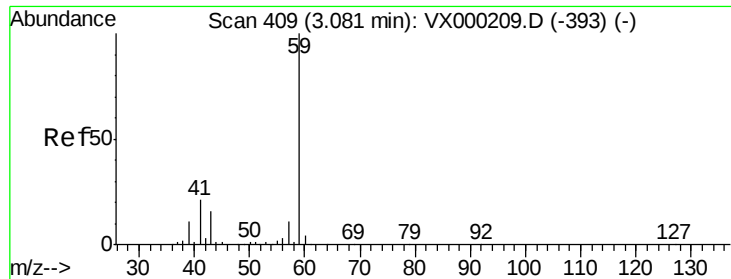
Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Tgt Ion:	142	Resp:	24384
Ion Ratio	Lower	Upper	
142	100		
127	50.1	39.0	58.6
141	14.6	11.6	17.4





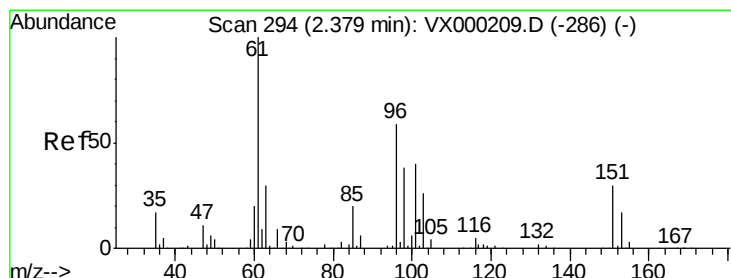
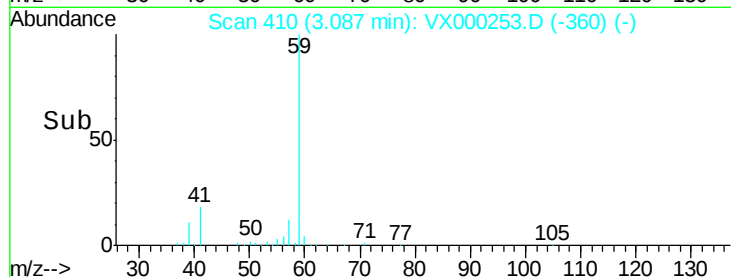
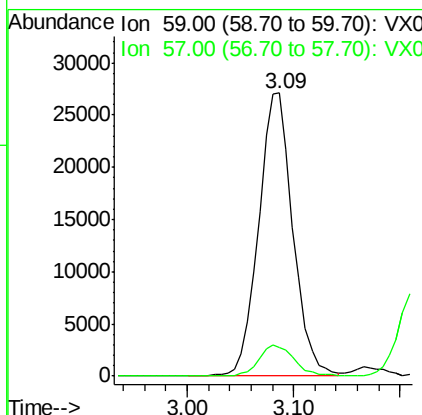
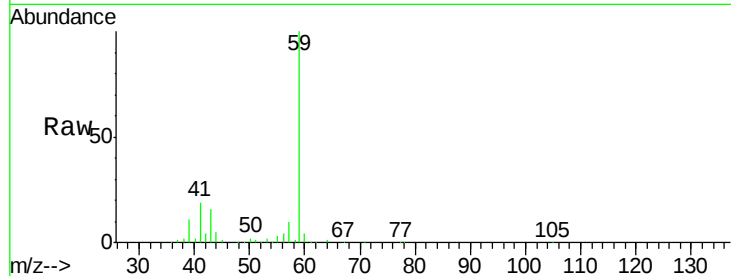
#11
Tert butyl alcohol
Concen: 101.14 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBS01

Tgt Ion: 59 Resp: 61064
Ion Ratio Lower Upper
59 100
57 11.4 8.4 12.6

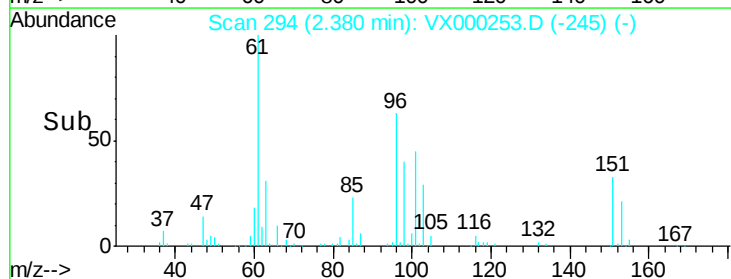
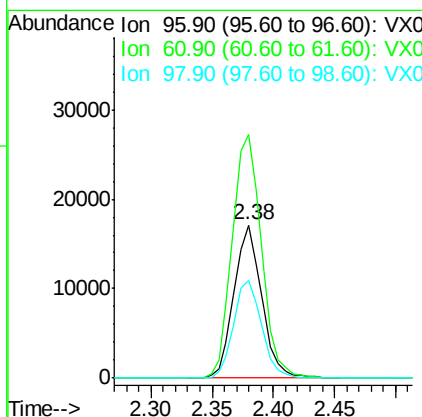
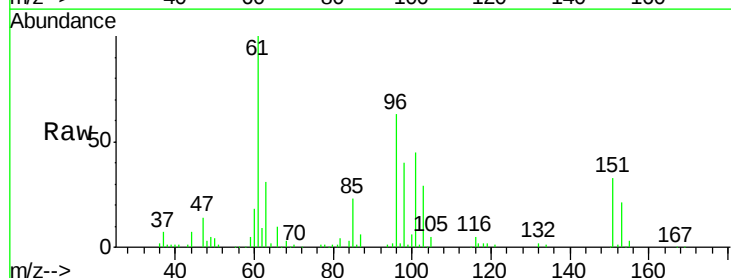
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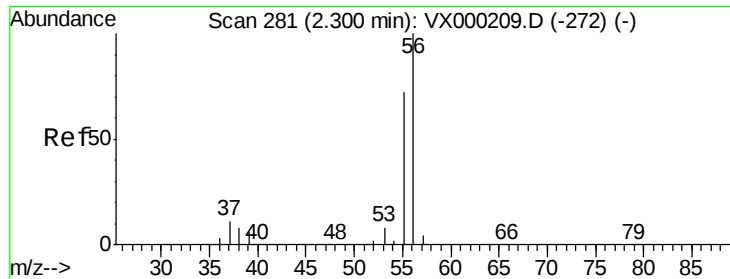
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#12
1,1-Dichloroethene
Concen: 21.41 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 96 Resp: 26770
Ion Ratio Lower Upper
96 100
61 159.1 135.8 203.6
98 63.8 51.1 76.7





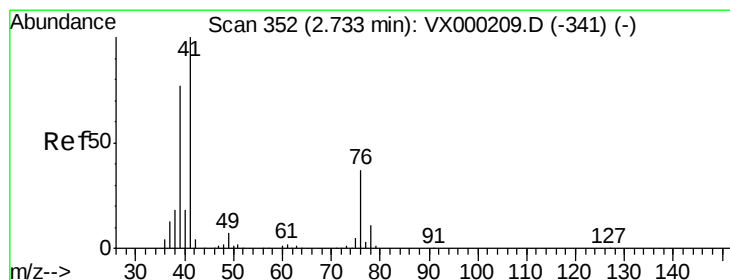
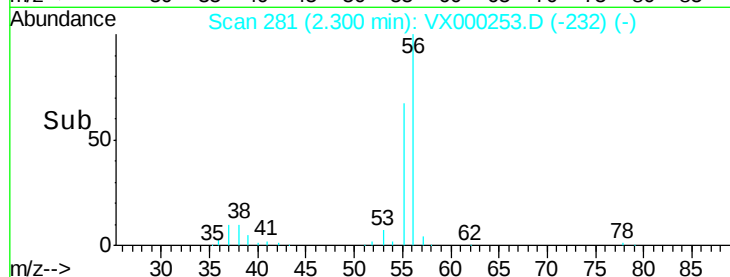
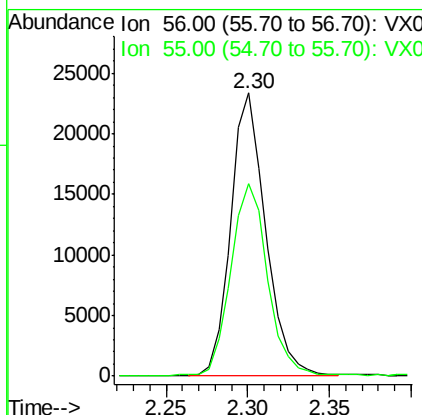
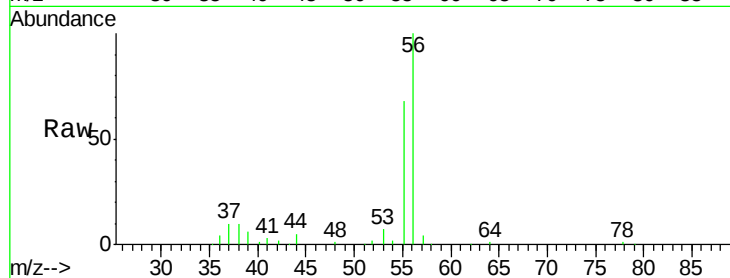
#13
Acrolein
Concen: 109.97 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBS01

Tgt Ion: 56 Resp: 34906
Ion Ratio Lower Upper
56 100
55 72.4 59.2 88.8

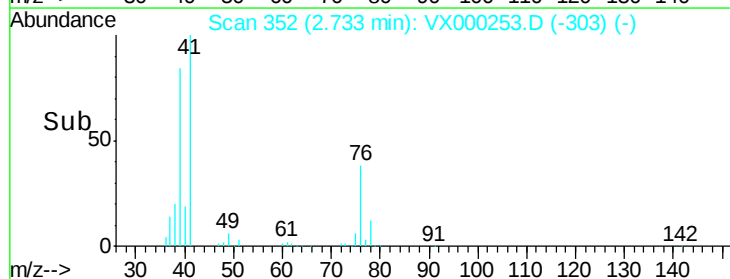
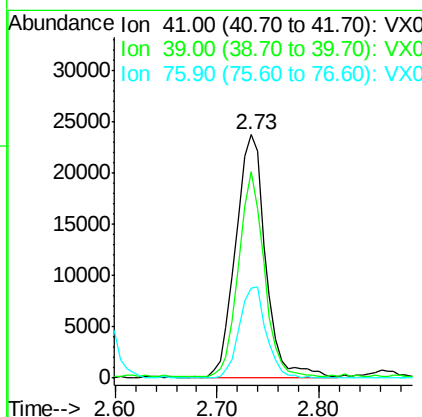
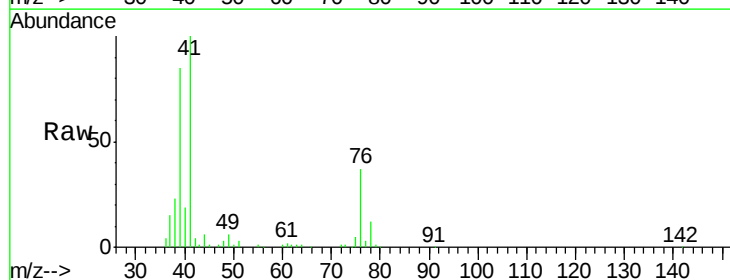
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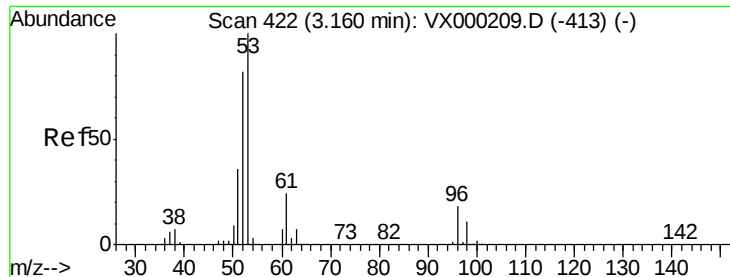
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#14
Allyl chloride
Concen: 21.06 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 41 Resp: 48625
Ion Ratio Lower Upper
41 100
39 71.5 57.0 85.6
76 33.9 26.8 40.2





#15

Acrylonitrile

Concen: 107.90 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

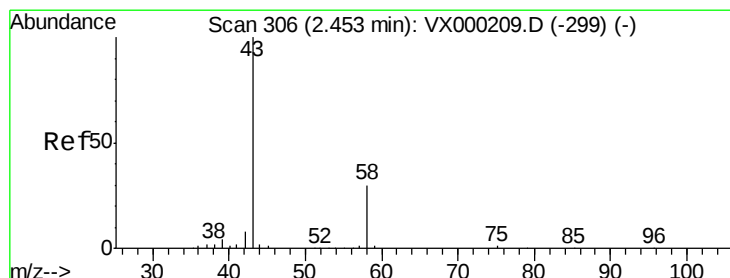
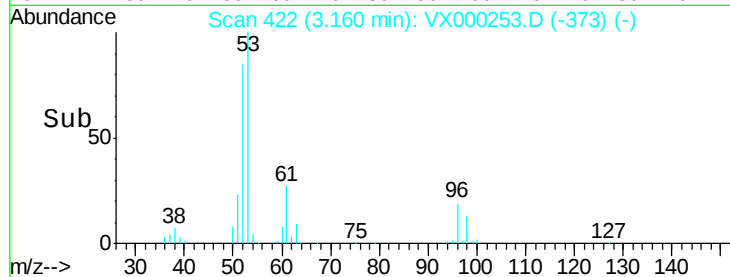
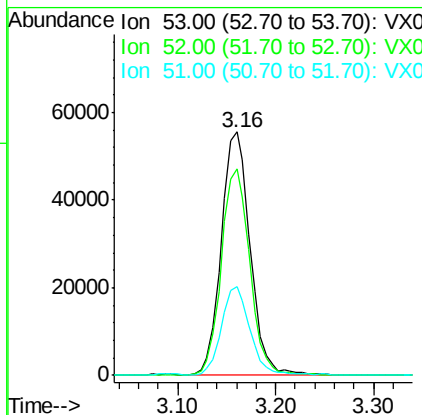
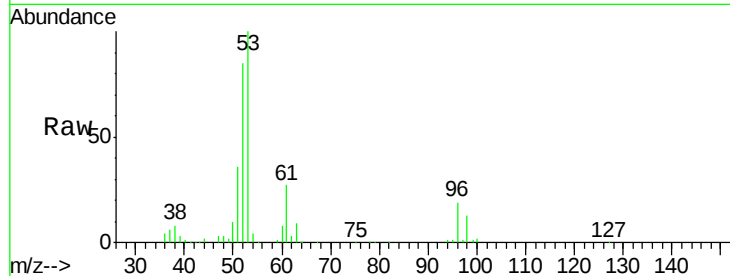
ClientSampleId :

VX0309MBSD01

Tgt Ion:	53	Resp:	113371
Ion Ratio		Lower	Upper
53	100		
52	84.6	66.3	99.5
51	36.6	29.6	44.4

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#16

Acetone

Concen: 102.81 ug/l

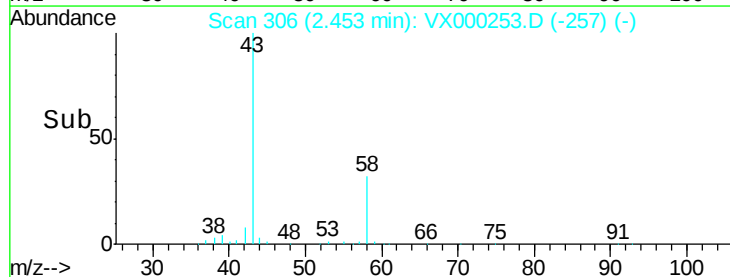
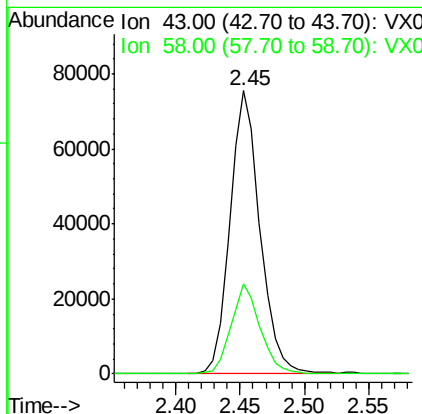
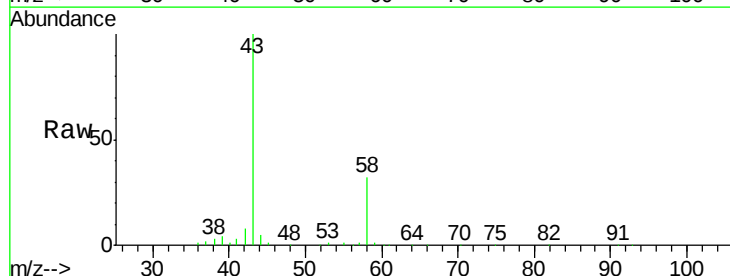
RT: 2.45 min Scan# 306

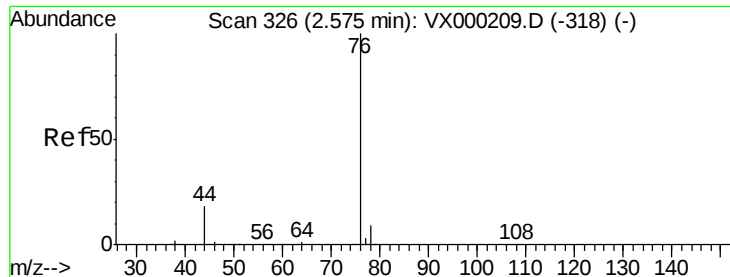
Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Tgt Ion:	43	Resp:	121317
Ion Ratio		Lower	Upper
43	100		
58	32.0	23.8	35.6





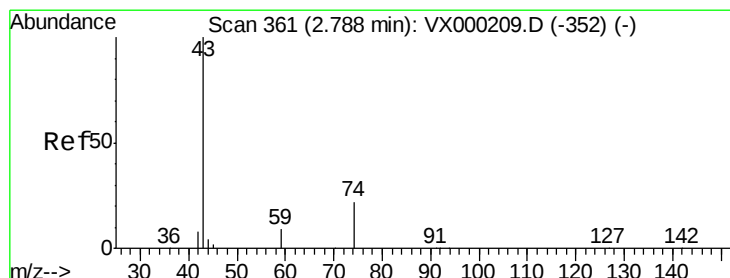
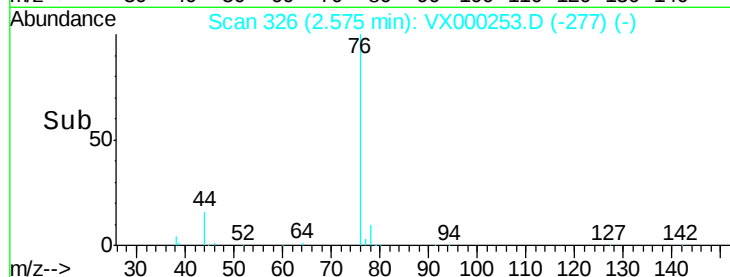
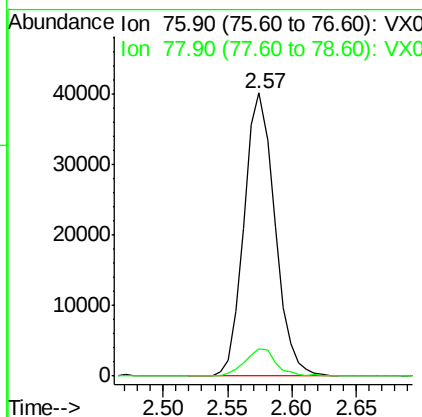
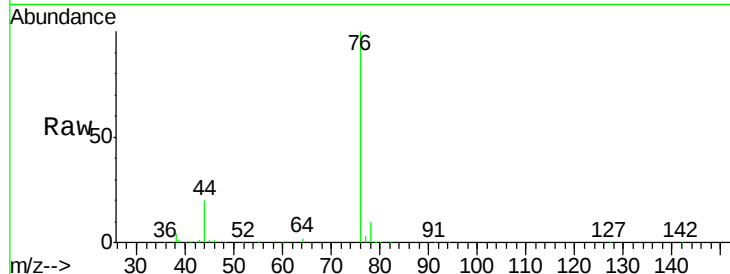
#17
Carbon Disulfide
Concen: 19.39 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBS01

Tgt Ion: 76 Resp: 66402
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

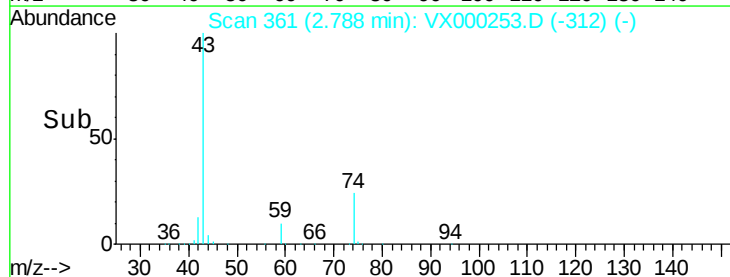
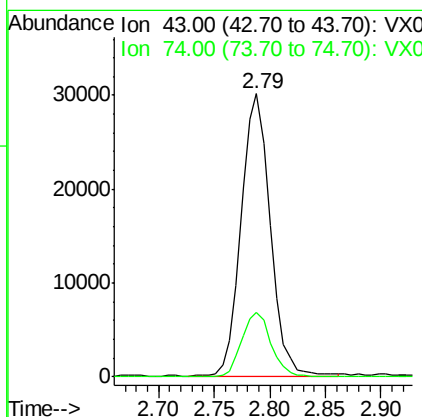
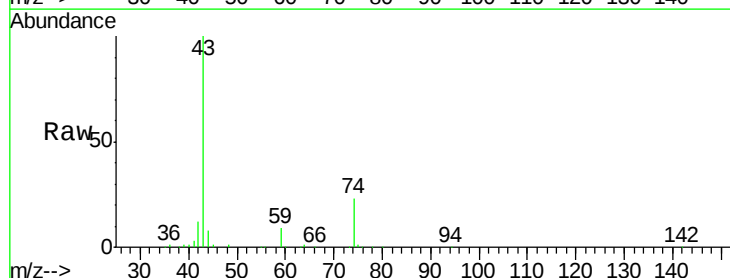
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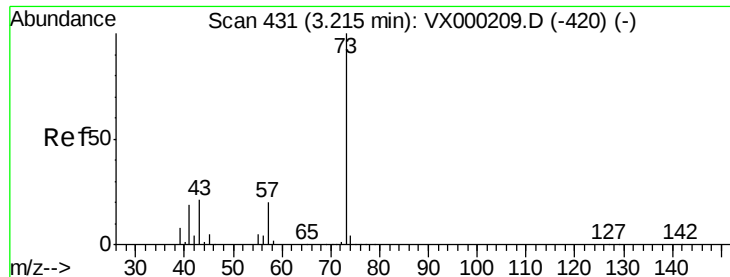
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#18
Methyl Acetate
Concen: 21.67 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 43 Resp: 54444
Ion Ratio Lower Upper
43 100
74 23.2 18.9 28.3





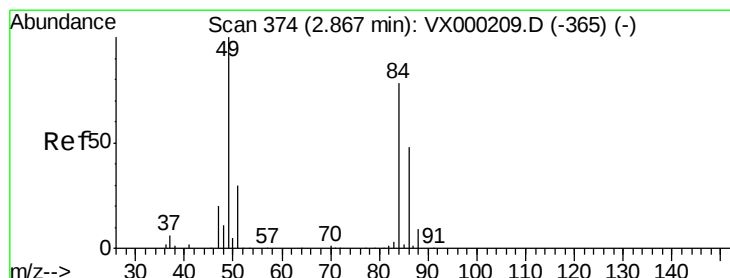
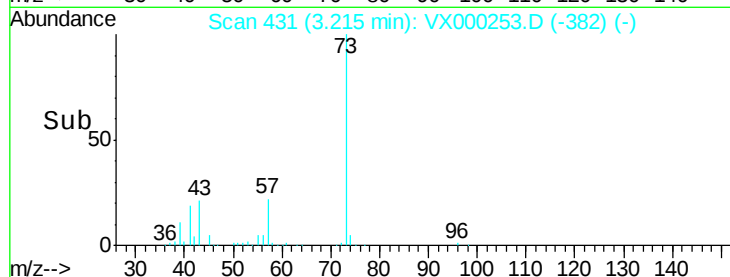
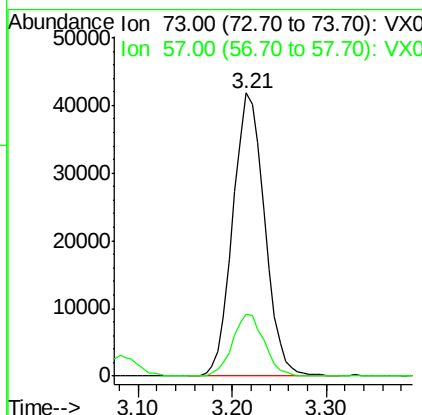
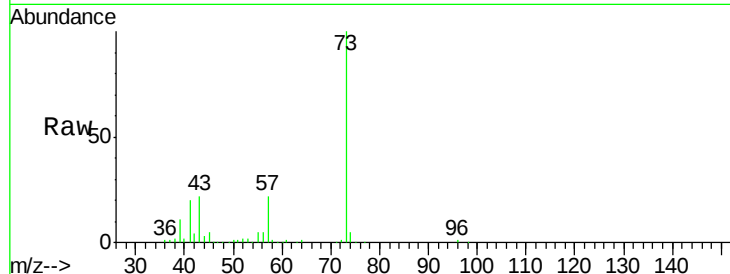
#19
Methyl tert-butyl Ether
Concen: 22.17 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBSD01

Tgt Ion: 73 Resp: 98706
Ion Ratio Lower Upper
73 100
57 21.7 16.3 24.5

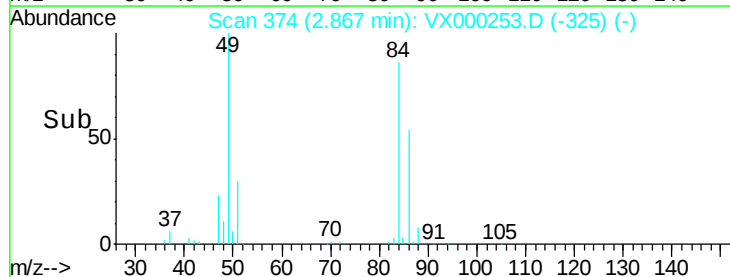
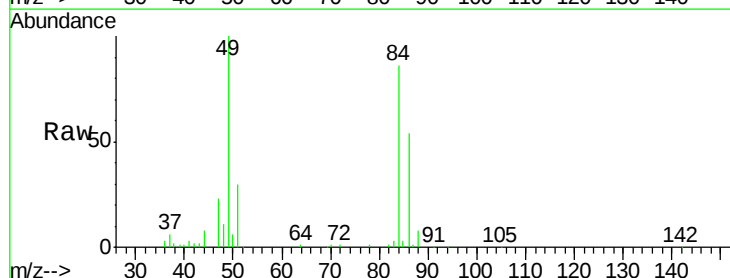
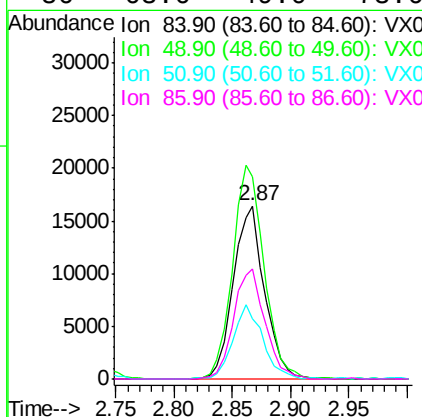
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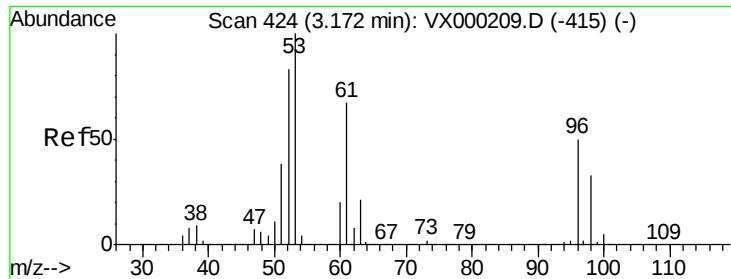
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#20
Methylene Chloride
Concen: 21.90 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 84 Resp: 30818
Ion Ratio Lower Upper
84 100
49 116.8 102.1 153.1
51 35.1 30.6 45.8
86 63.6 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 20.62 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

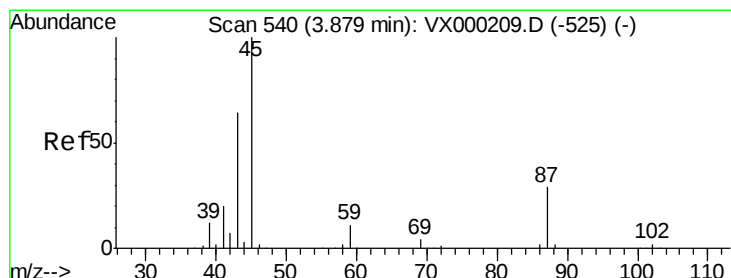
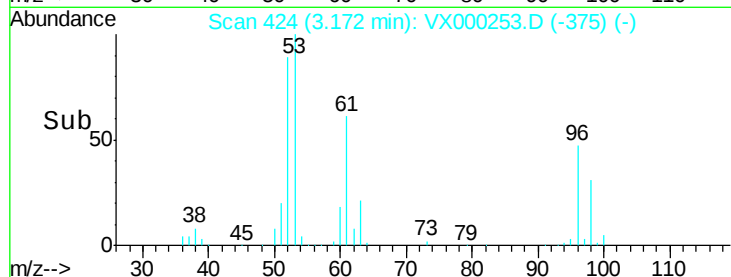
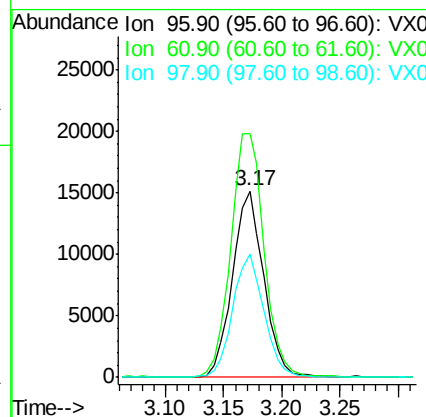
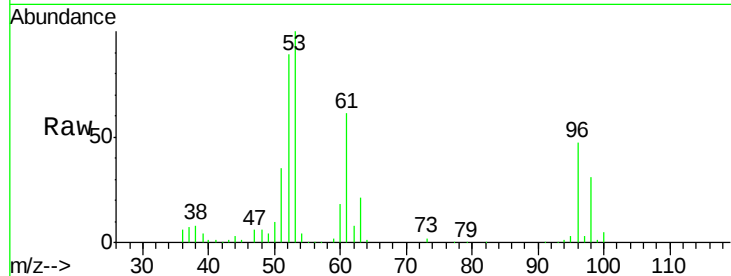
ClientSampleID :

VX0309MBS01

Tgt Ion:	96	Resp:	28345
Ion	Ratio	Lower	Upper
96	100		
61	130.4	107.0	160.4
98	65.9	51.8	77.8

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#22

Diisopropyl ether

Concen: 17.83 ug/l

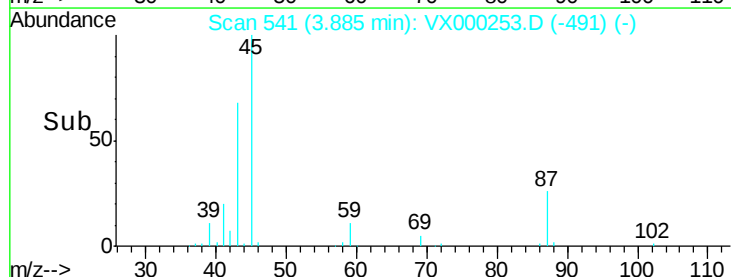
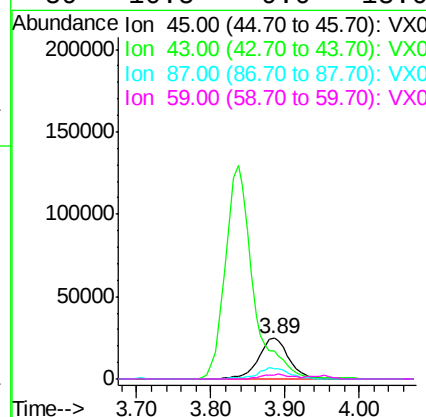
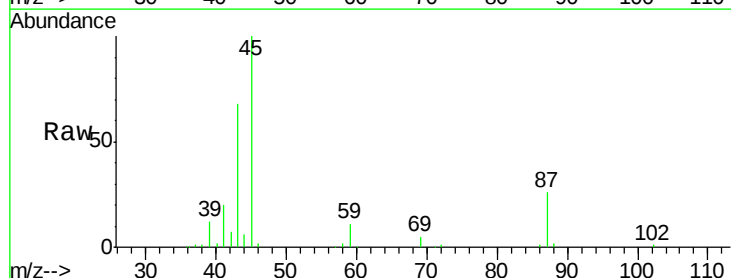
RT: 3.89 min Scan# 541

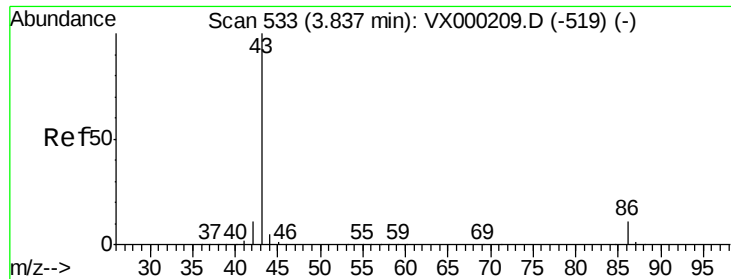
Delta R.T. 0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Tgt Ion:	45	Resp:	70710
Ion	Ratio	Lower	Upper
45	100		
43	67.7	53.5	80.3
87	25.9	23.3	34.9
59	10.5	9.0	13.6





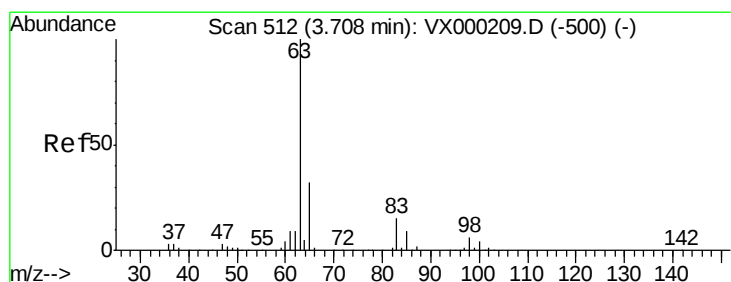
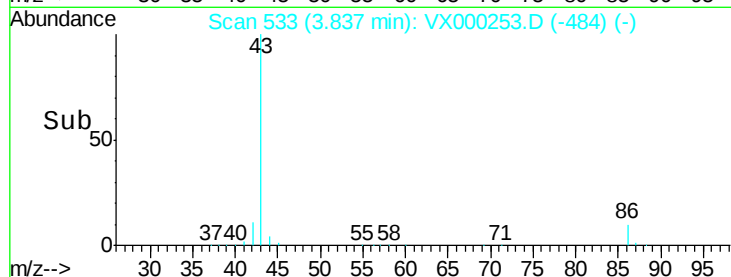
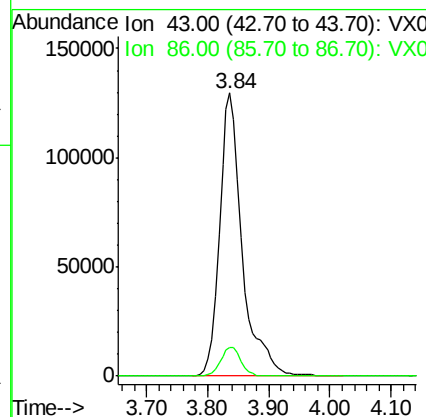
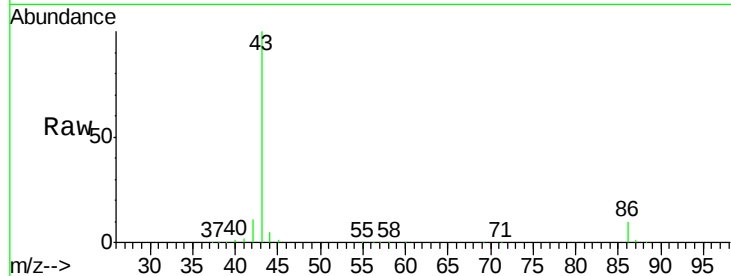
#23
 Vinyl Acetate
 Concen: 88.09 ug/l
 RT: 3.84 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309MBS01

Tgt Ion: 43 Resp: 33696
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

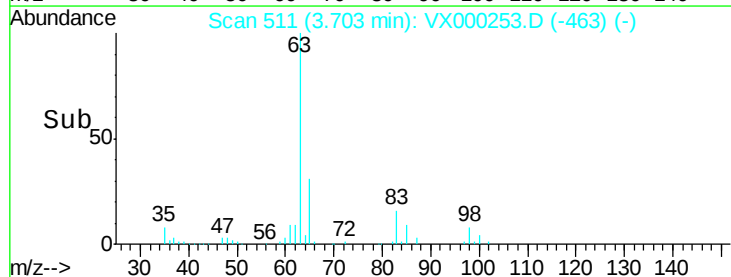
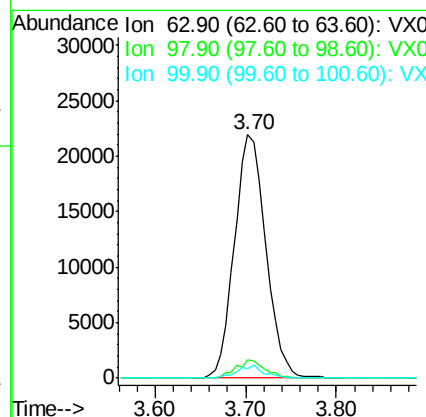
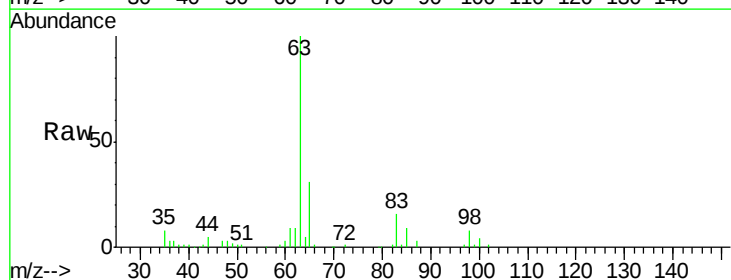
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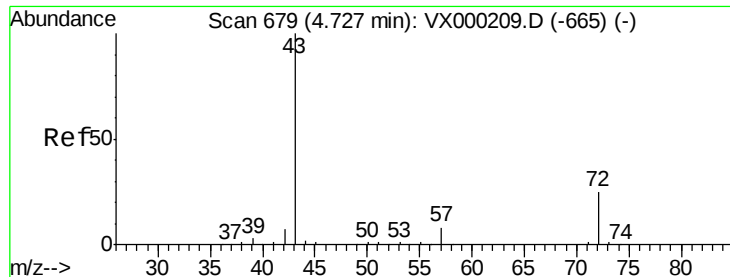
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#24
 1,1-Dichloroethane
 Concen: 21.72 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Tgt Ion: 63 Resp: 52811
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 3.7 2.2 6.6





#25

2-Butanone

Concen: 96.23 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0309MBSD01

Tgt Ion: 43 Resp: 140127

Ion Ratio Lower Upper

43 100

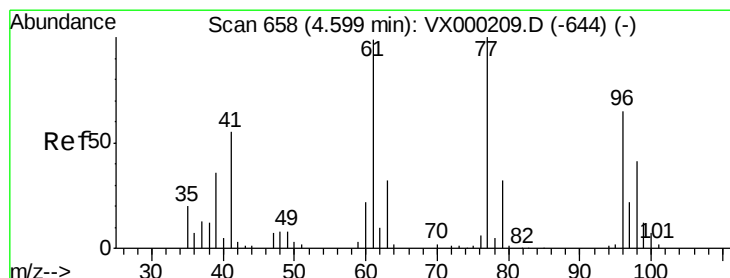
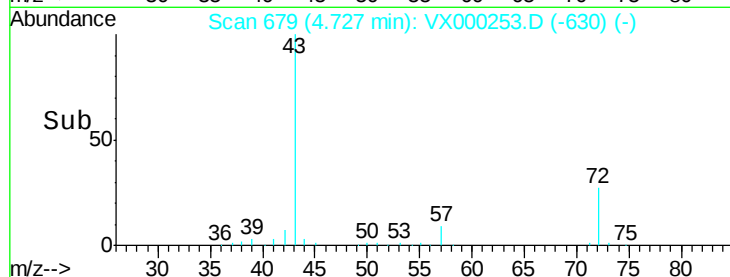
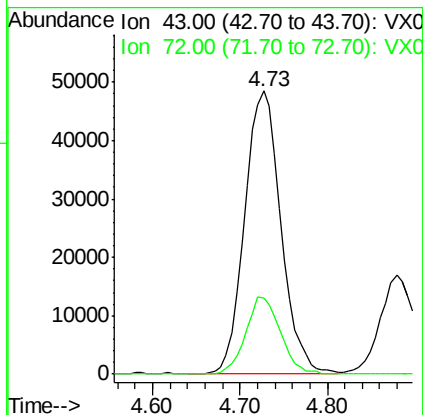
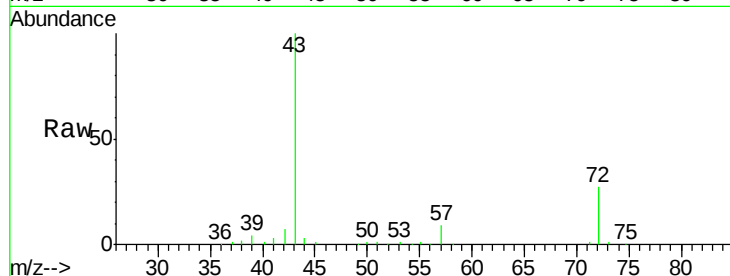
72 26.8 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.79 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000253.D

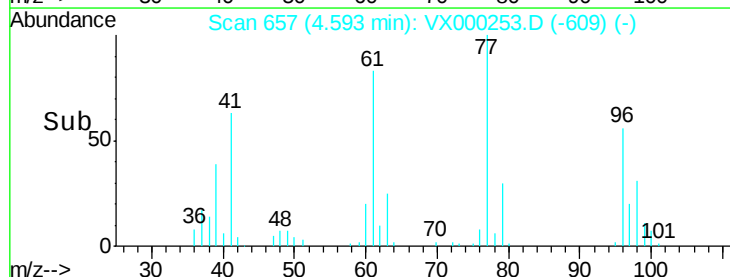
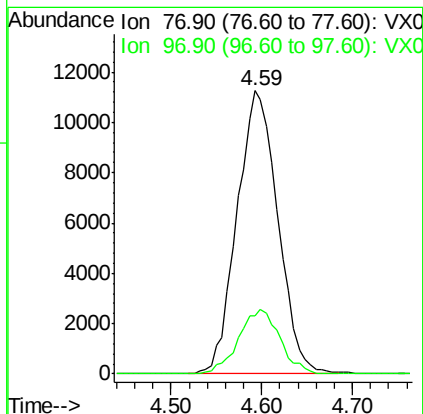
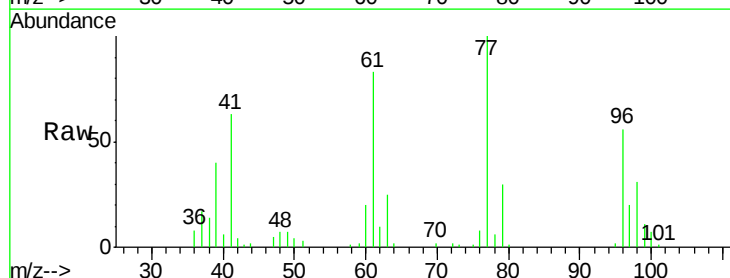
Acq: 09 Mar 2018 13:58

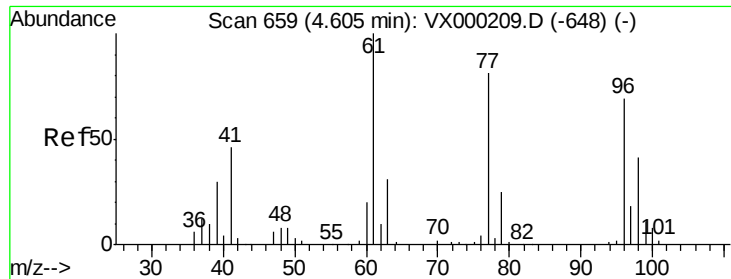
Tgt Ion: 77 Resp: 35164

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

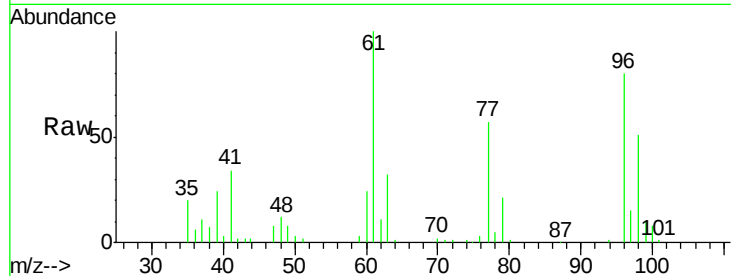
cis-1,2-Dichloroethene
Concen: 19.69 ug/l
RT: 4.62 min Scan# 661
Delta R.T. 0.01 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBSD01

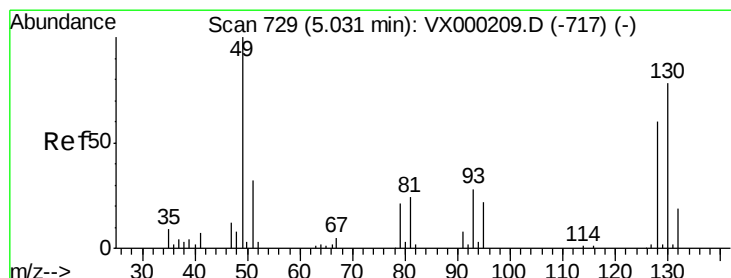
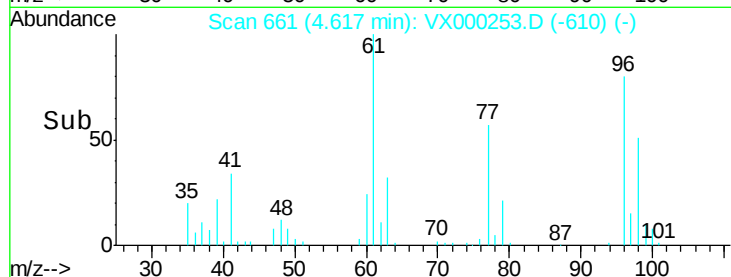
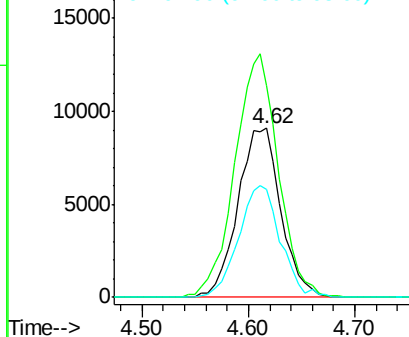
Tgt Ion	Ratio	Resp	Lower	Upper
96	100	25664		
61	145.1	0.0	296.4	
98	64.4	0.0	130.6	

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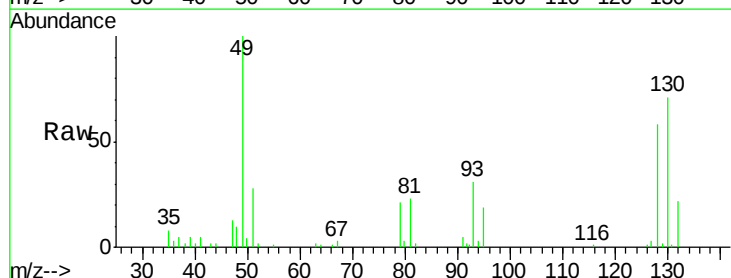
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



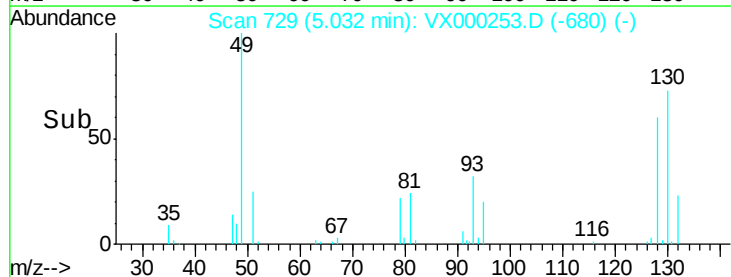
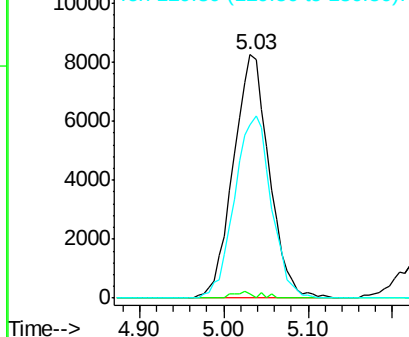
#28

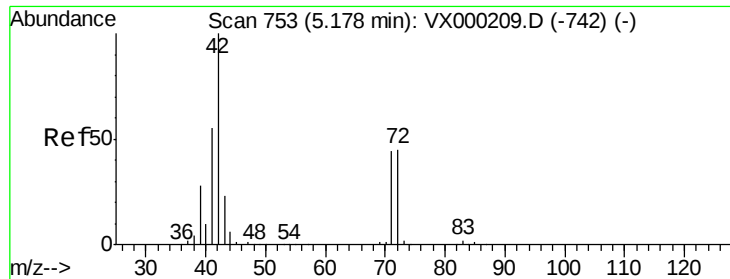
Bromochloromethane
Concen: 23.04 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	23802		
129	1.2	0.0	5.0	
130	0.0	63.5	95.3#	



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





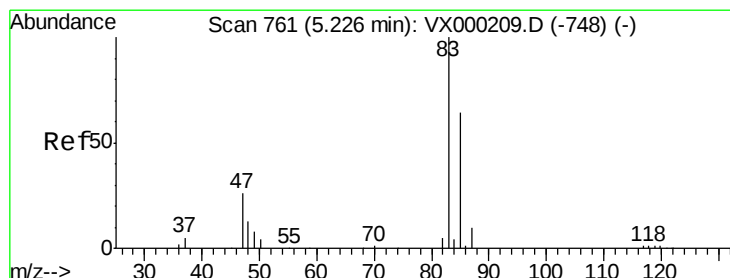
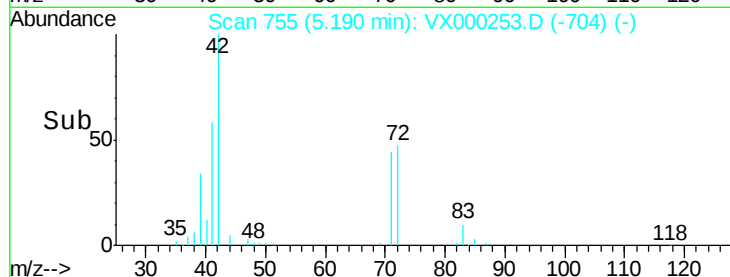
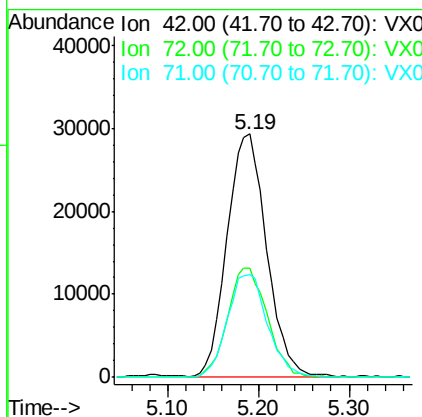
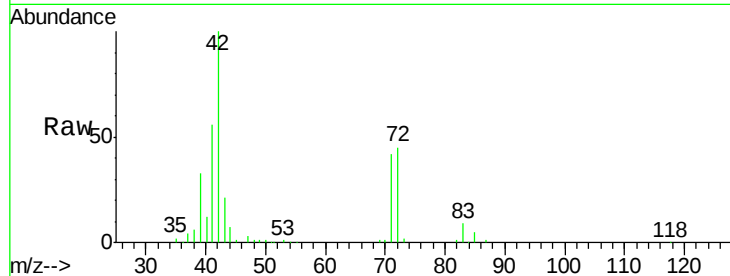
#29
Tetrahydrofuran
Concen: 96.43 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.3	55.9
71	43.2	35.0	52.4

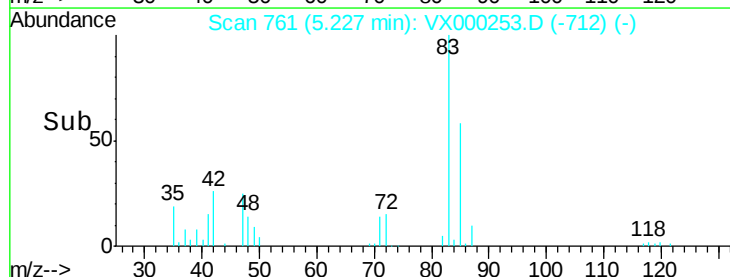
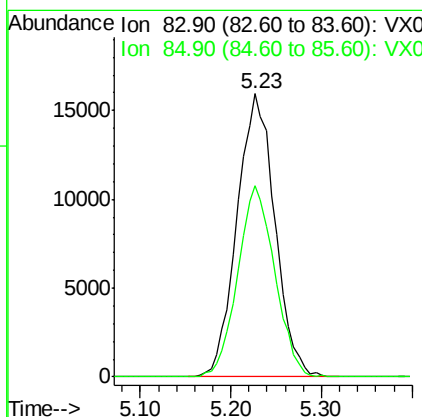
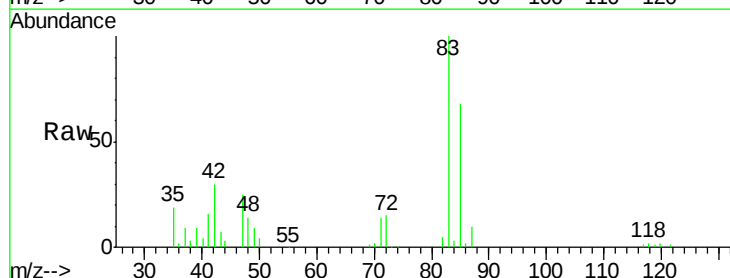
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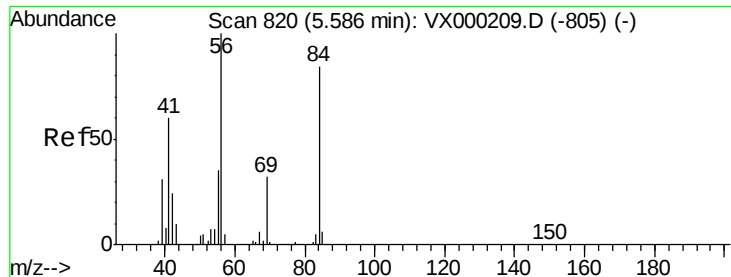
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#30
Chloroform
Concen: 19.63 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	51.0	76.6





#31

Cyclohexane

Concen: 19.92 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

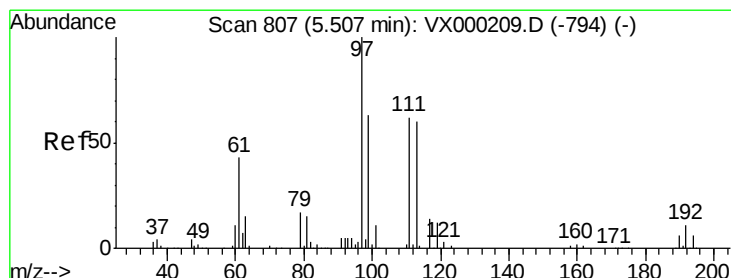
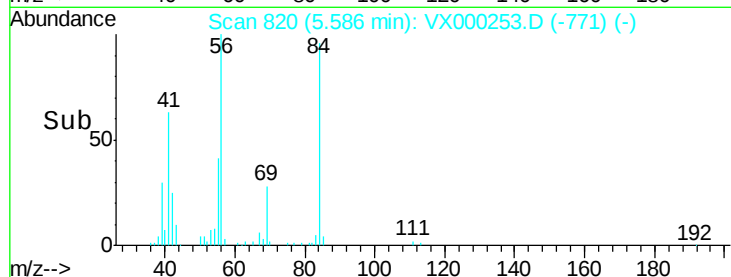
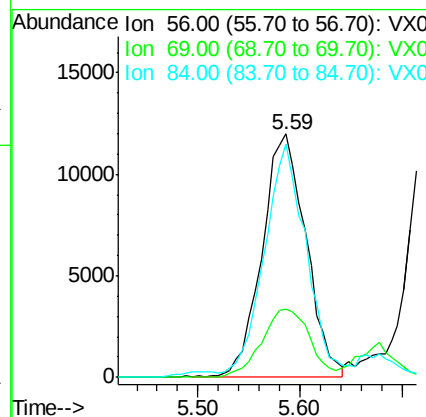
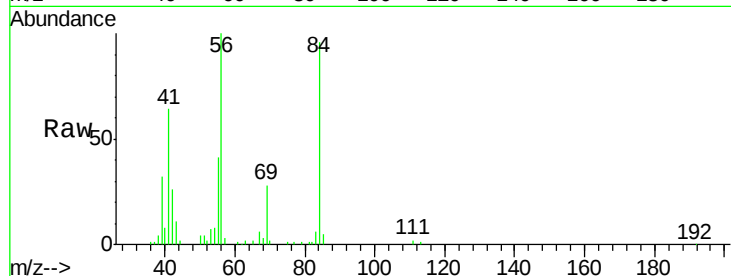
ClientSampleId :

VX0309MBS01

Tgt Ion:	56	Resp:	35812
Ion	Ratio	Lower	Upper
56	100		
69	28.2	25.3	37.9
84	92.7	67.2	100.8

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#32

1,1,1-Trichloroethane

Concen: 20.29 ug/l

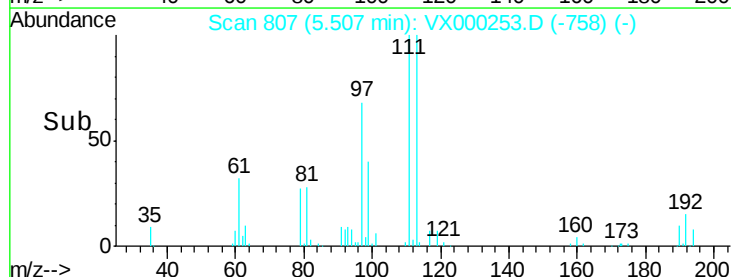
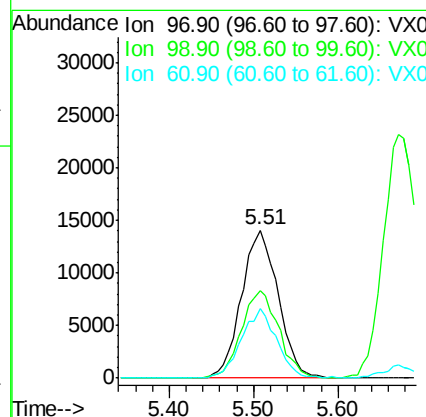
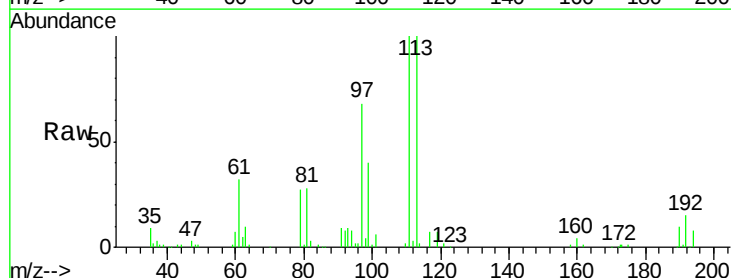
RT: 5.51 min Scan# 807

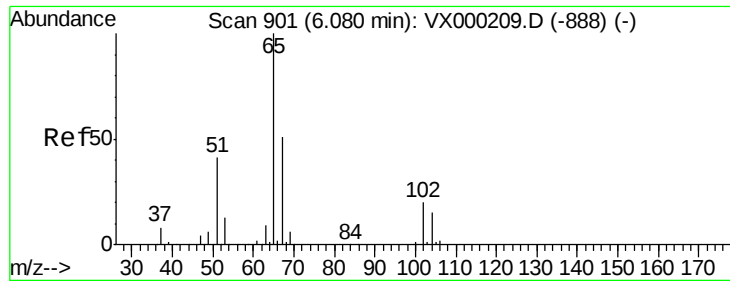
Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Tgt Ion:	97	Resp:	41341
Ion	Ratio	Lower	Upper
97	100		
99	60.3	50.9	76.3
61	45.4	35.4	53.0





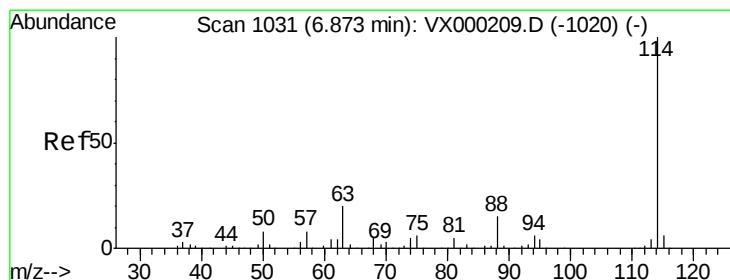
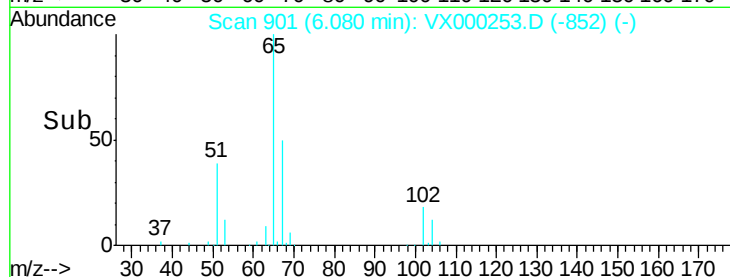
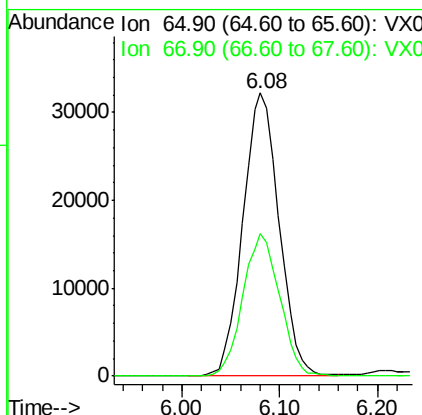
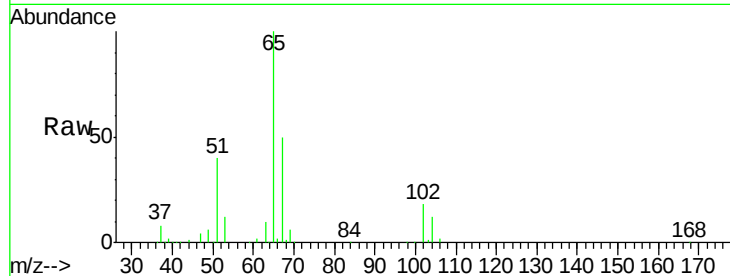
#33
 1,2-Dichloroethane-d4
 Concen: 50.25 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309MBSD01

Tgt Ion: 65 Resp: 82569
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.4

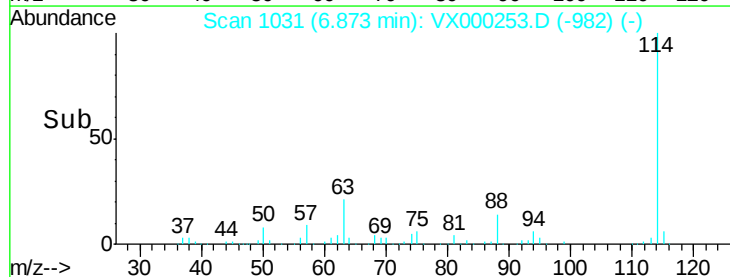
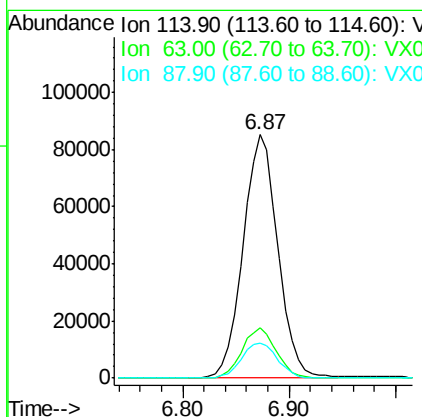
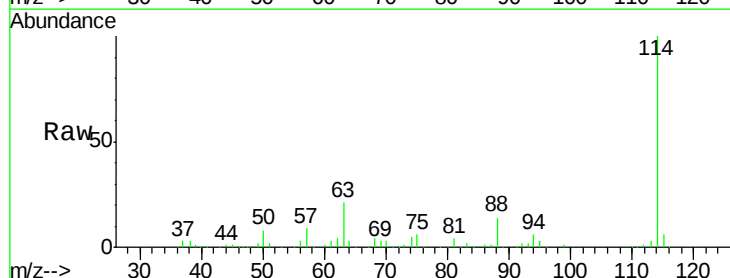
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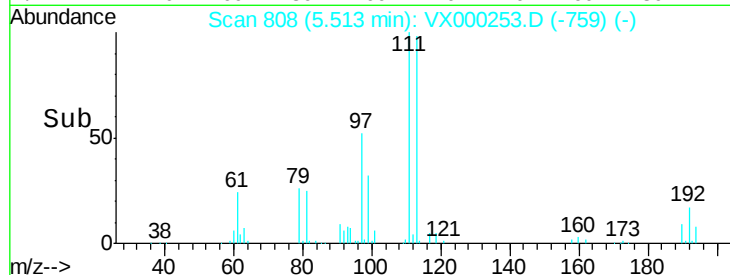
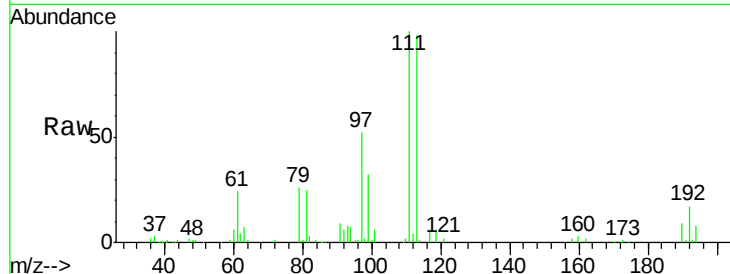
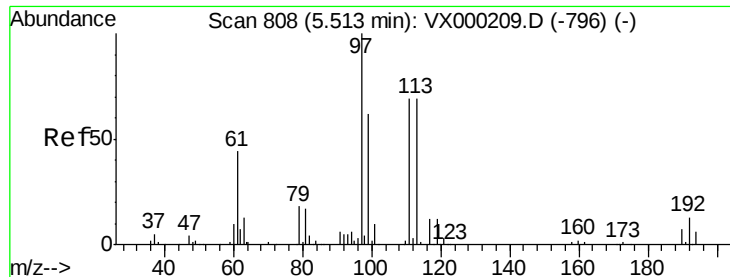
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Tgt Ion: 114 Resp: 195636
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.2
 88 14.4 0.0 29.8





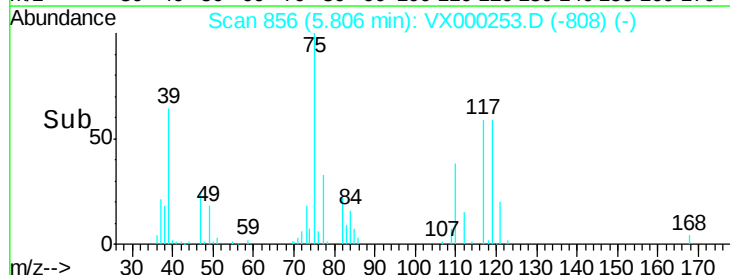
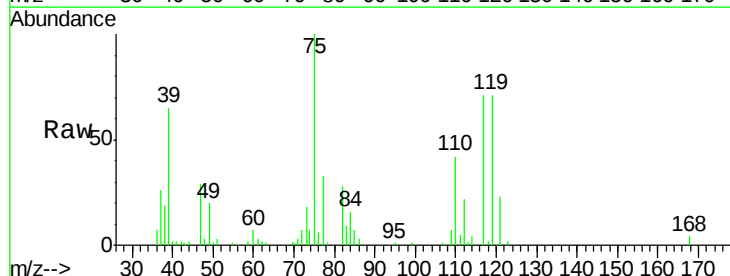
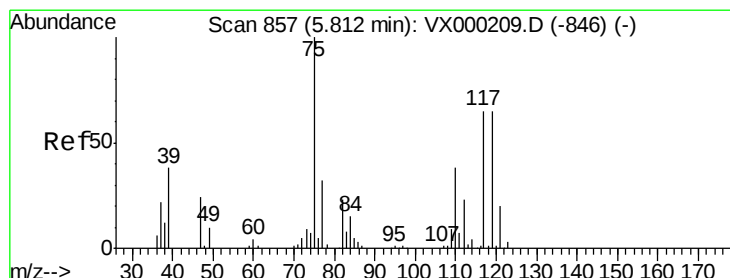
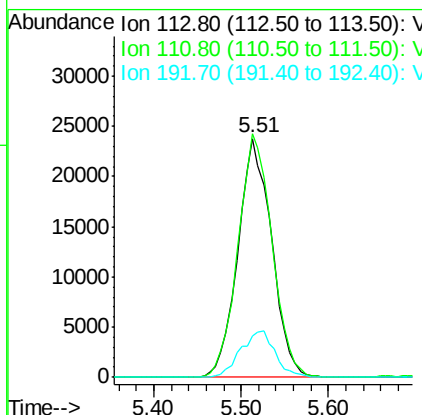
#35
Dibromofluoromethane
Concen: 51.97 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.6
192	19.9	15.5	23.3

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBSD01

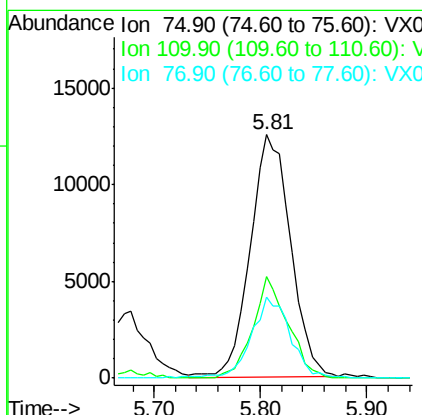
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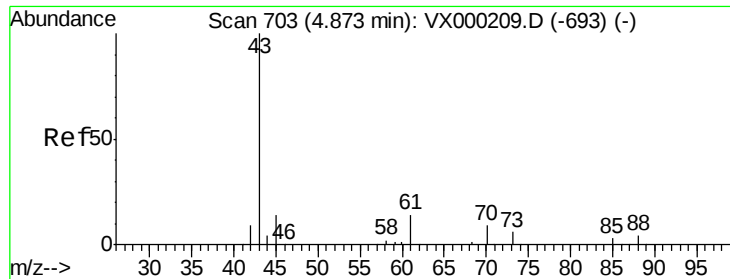
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#36
1,1-Dichloropropene
Concen: 19.15 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.8	53.5
77	31.8	24.9	37.3





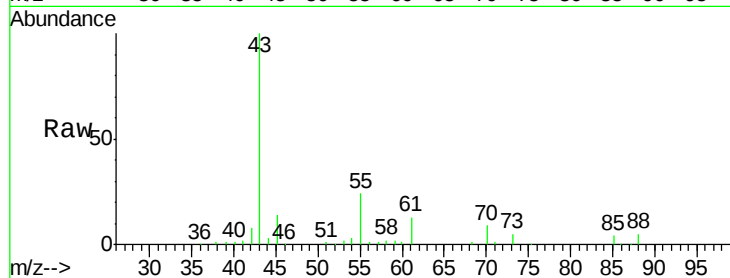
#37
Ethyl Acetate
Concen: 18.94 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBS01

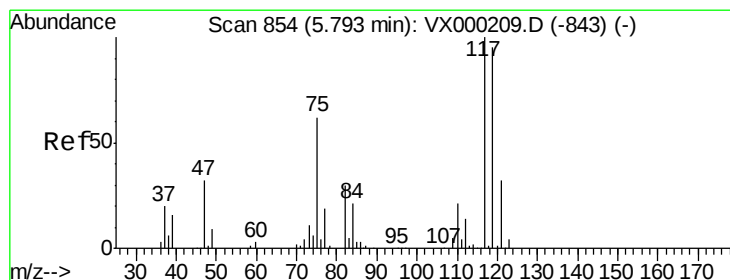
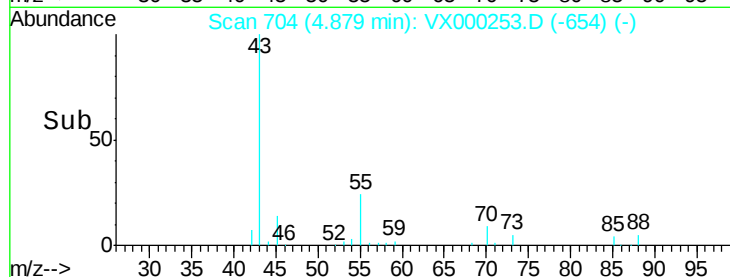
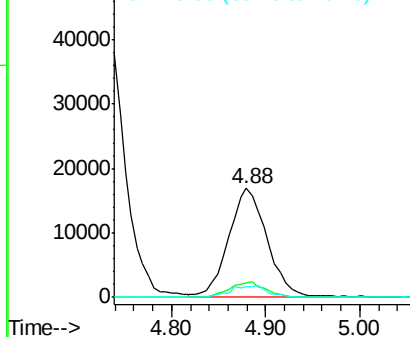
Tgt Ion: 43 Resp: 47642
Ion Ratio Lower Upper
43 100
61 13.4 11.0 16.6
70 10.2 7.8 11.6

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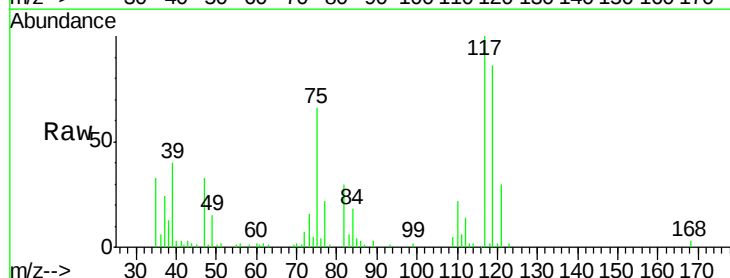


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

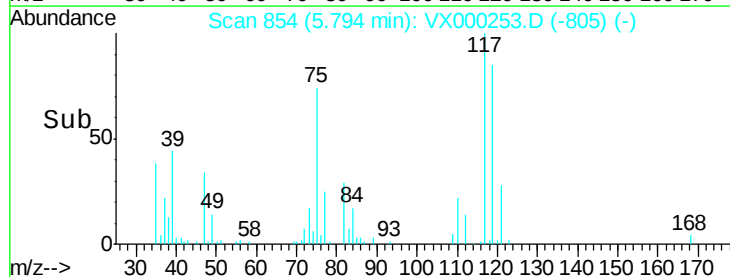
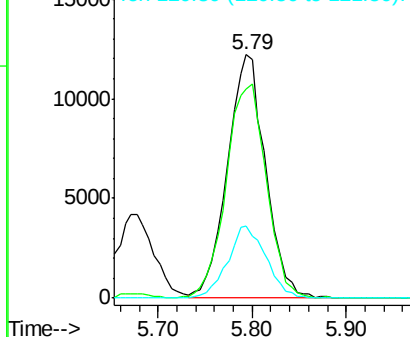


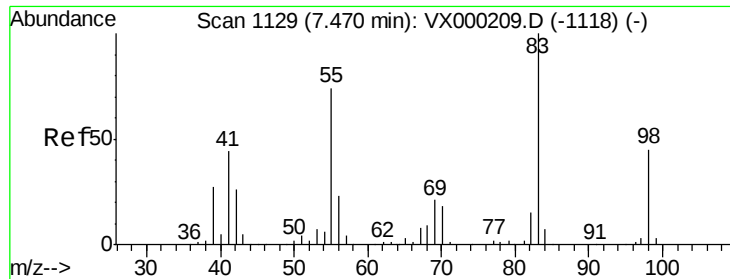
#38
Carbon Tetrachloride
Concen: 19.52 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 117 Resp: 34396
Ion Ratio Lower Upper
117 100
119 86.1 75.9 113.9
121 29.5 25.8 38.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





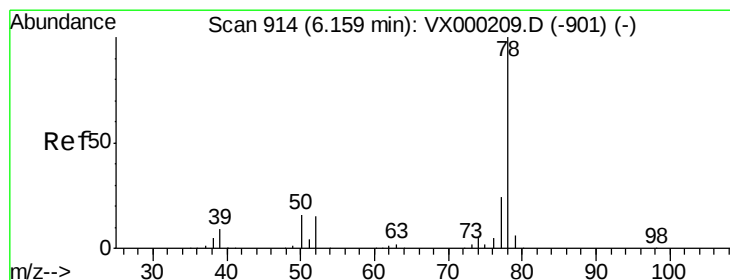
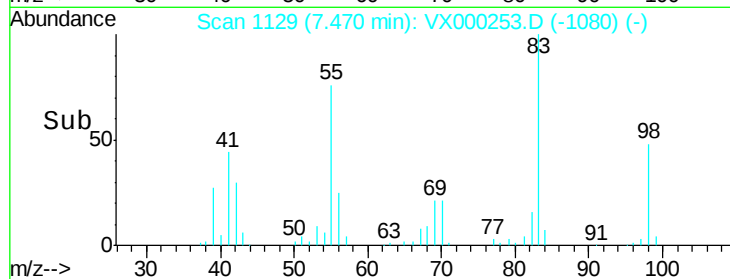
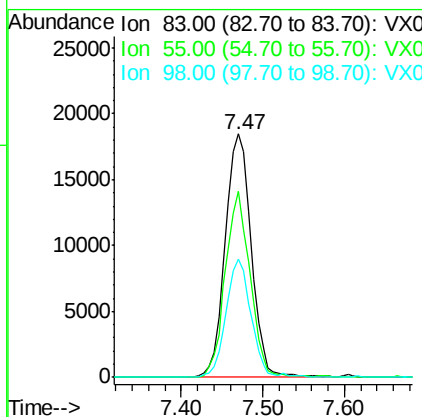
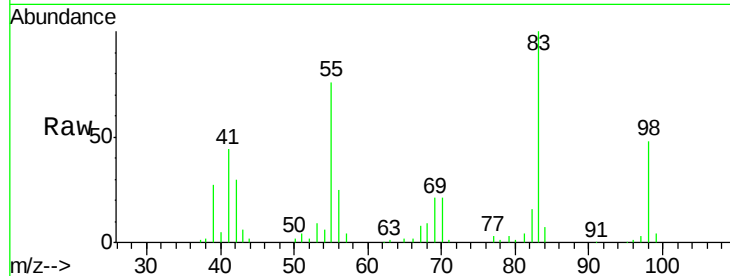
#39
Methylcyclohexane
Concen: 19.05 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	40698		
55	76.5	59.4	89.0	
98	48.4	36.3	54.5	

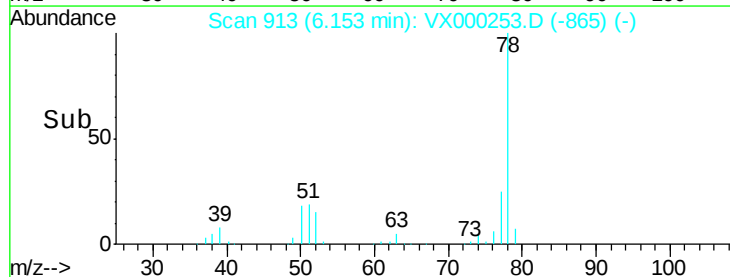
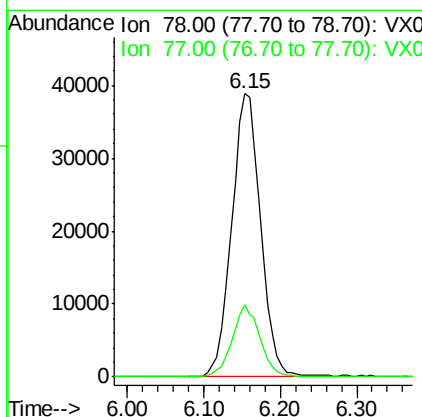
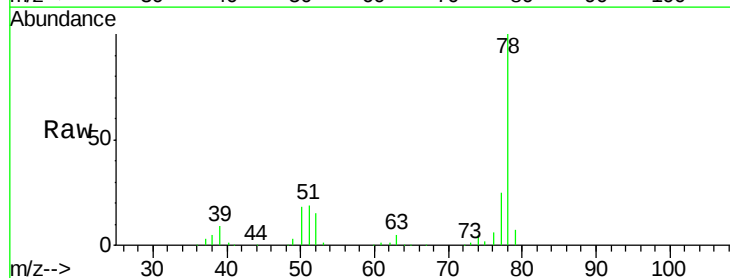
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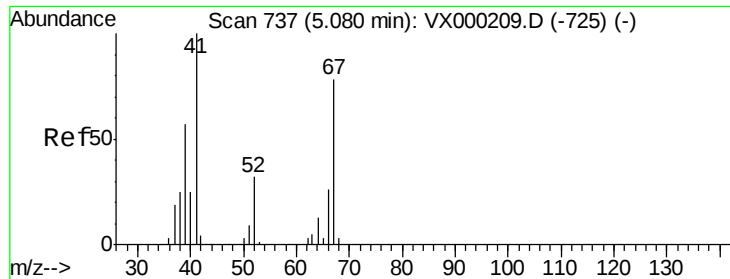
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#40
Benzene
Concen: 20.22 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	101516		
77	25.4	19.4	29.2	





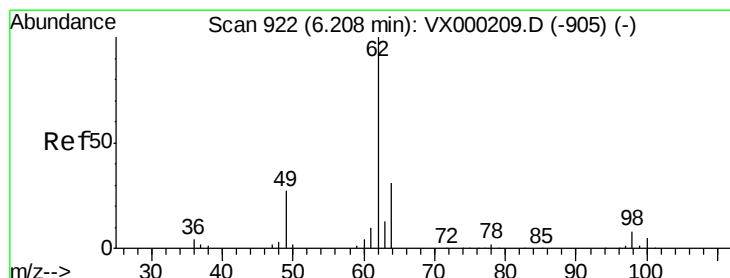
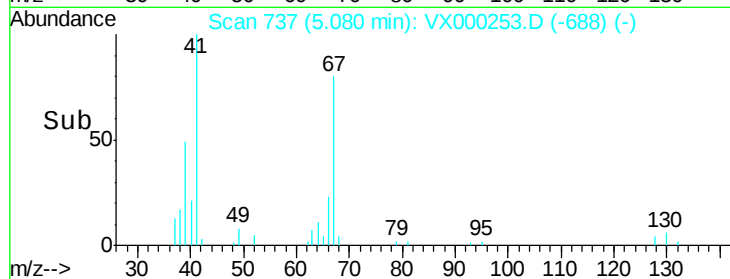
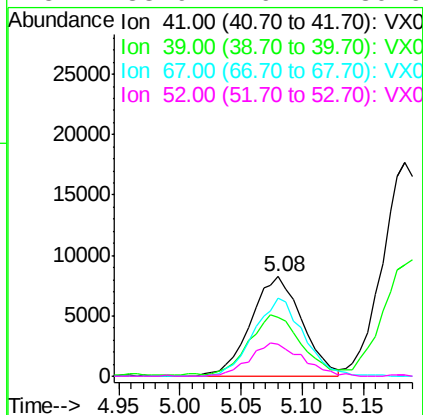
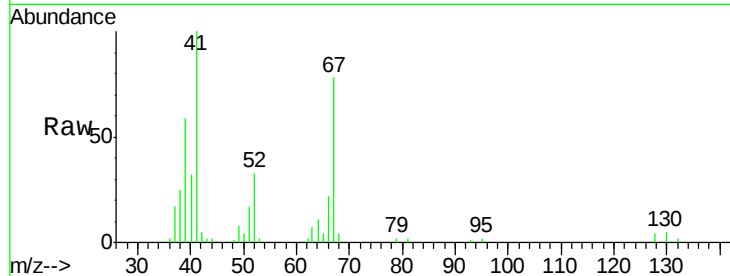
#41
Methacrylonitrile
Concen: 18.77 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBSD01

Tgt Ion:	41	Resp:	24071
Ion Ratio	Lower	Upper	
41	100		
39	61.1	47.8	71.6
67	75.5	59.3	88.9
52	33.9	26.4	39.6

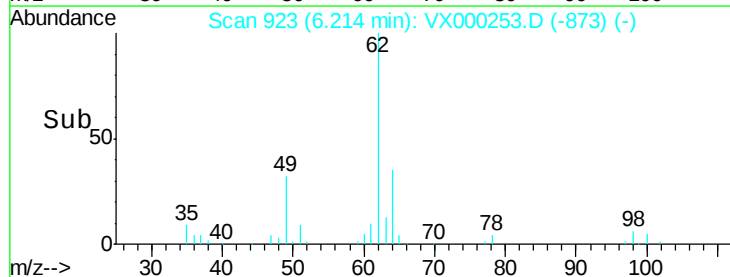
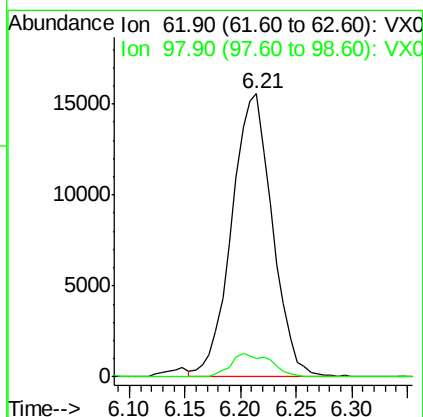
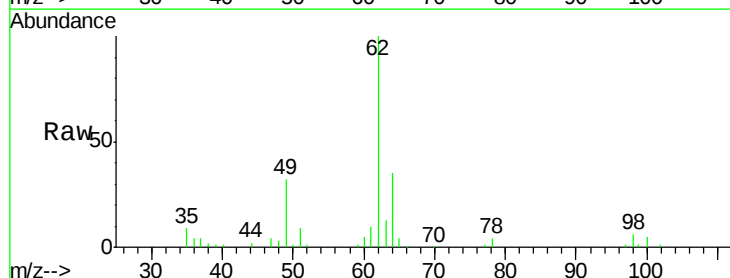
Manual Integrations
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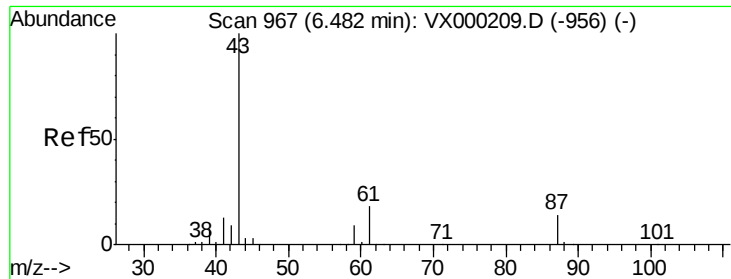
apatel
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#42
1,2-Dichloroethane
Concen: 20.03 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion:	62	Resp:	39442
Ion Ratio	Lower	Upper	
62	100		
98	8.1	0.0	16.2





#43

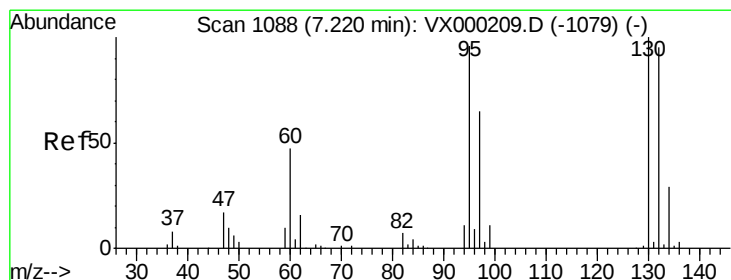
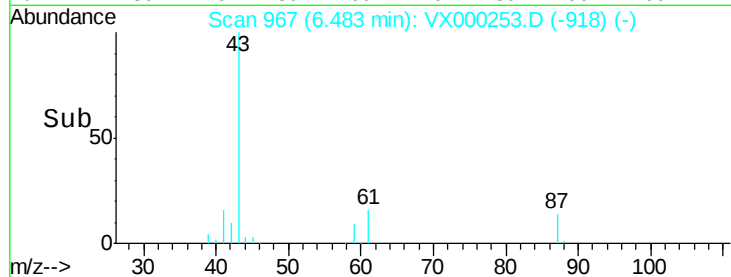
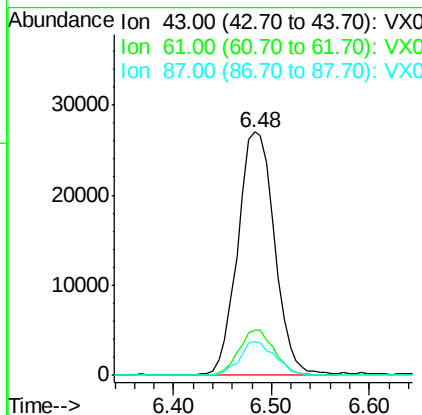
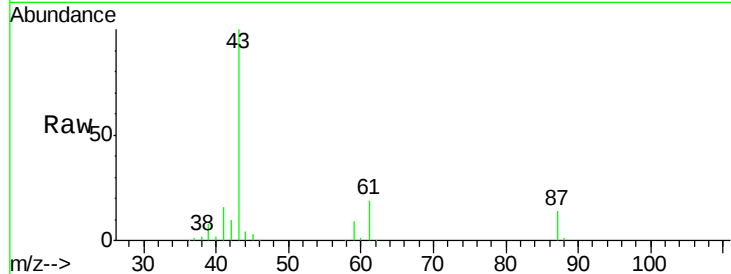
Isopropyl Acetate
 Concen: 19.37 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.8	22.2
87	13.4	10.6	16.0

Manual Integrations
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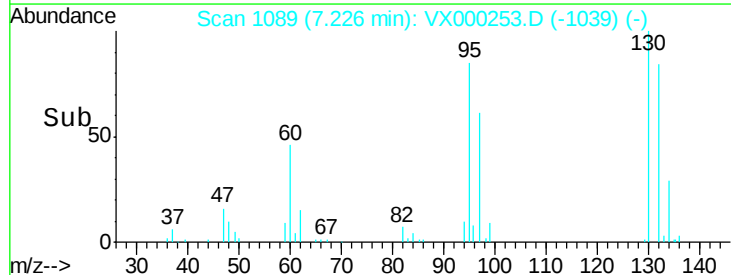
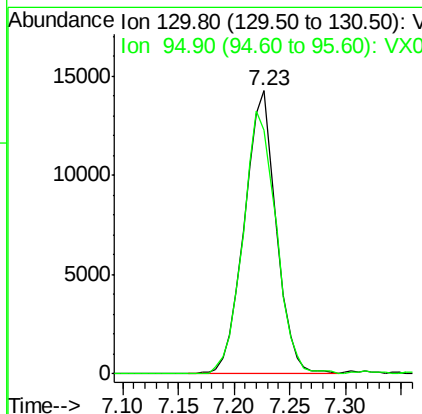
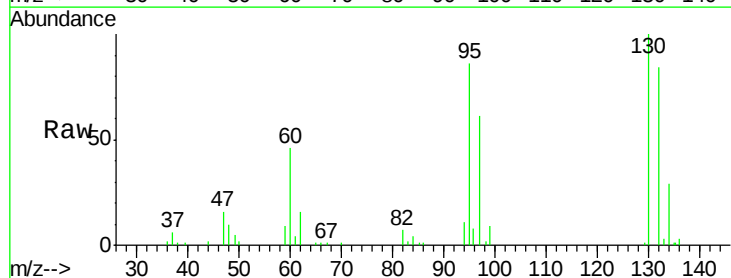
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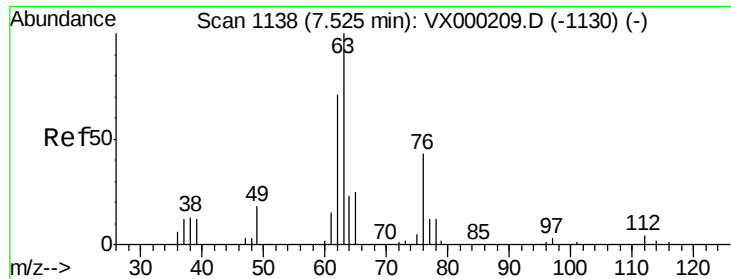


#44

Trichloroethene
 Concen: 19.77 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.1	0.0	191.8





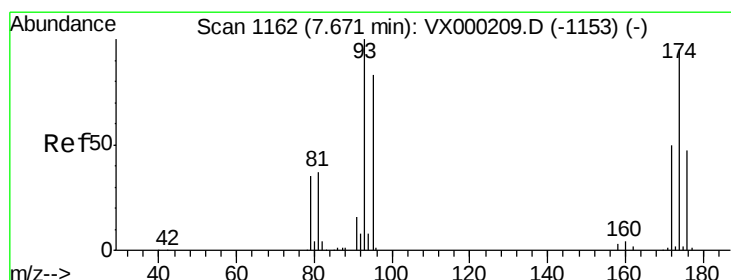
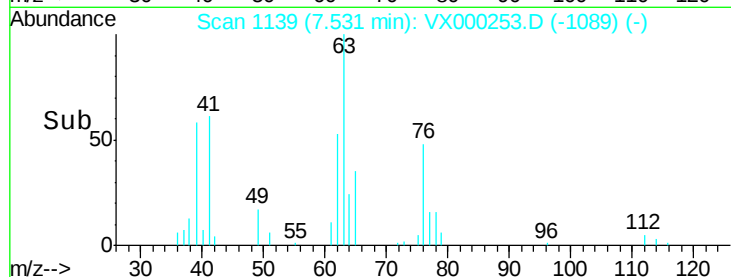
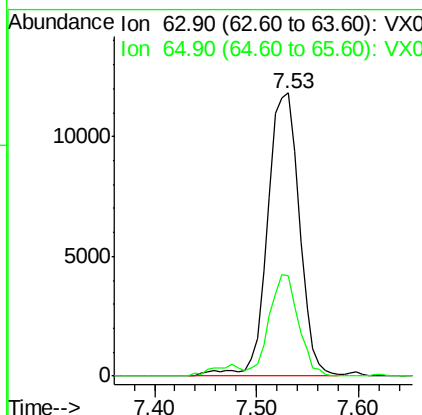
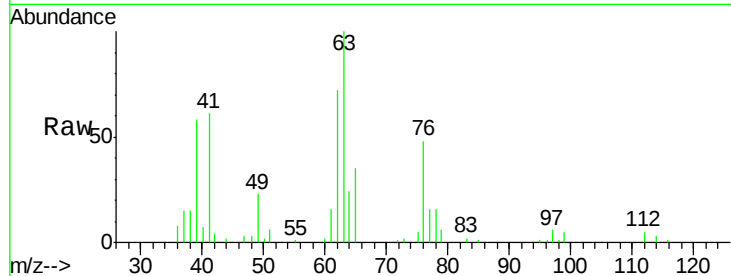
#45
 1,2-Dichloropropane
 Concen: 20.12 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Instrument :
 MSVOA_X
 ClientSampled :
 VX0309MBS01

Tgt Ion: 63 Resp: 25585
 Ion Ratio Lower Upper
 63 100
 65 35.4 22.3 33.5#

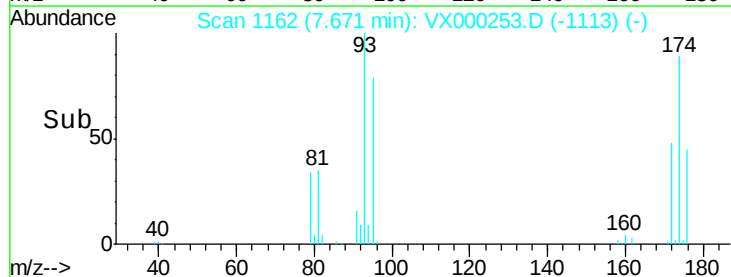
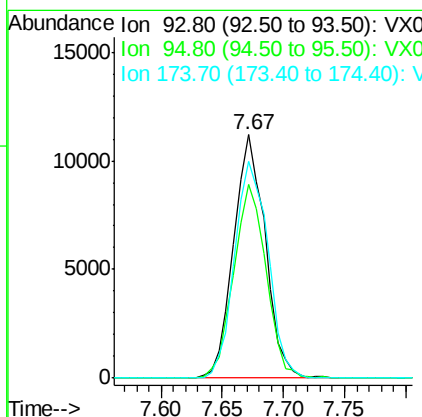
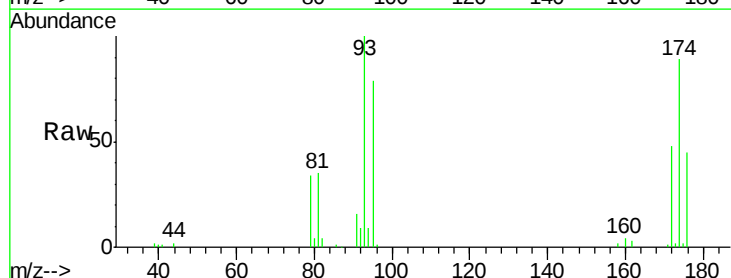
Manual Integrations
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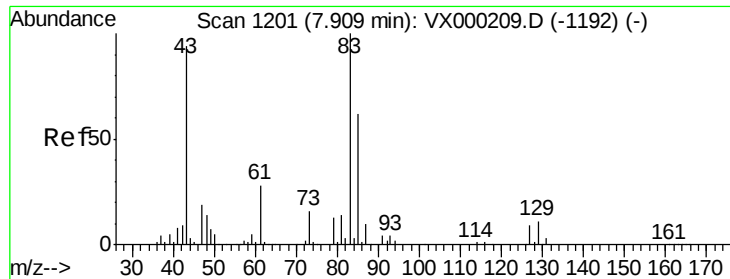
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#46
 Dibromomethane
 Concen: 19.93 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Tgt Ion: 93 Resp: 20050
 Ion Ratio Lower Upper
 93 100
 95 81.1 64.1 96.1
 174 94.1 75.8 113.8





#47

Bromodichloromethane

Concen: 19.64 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

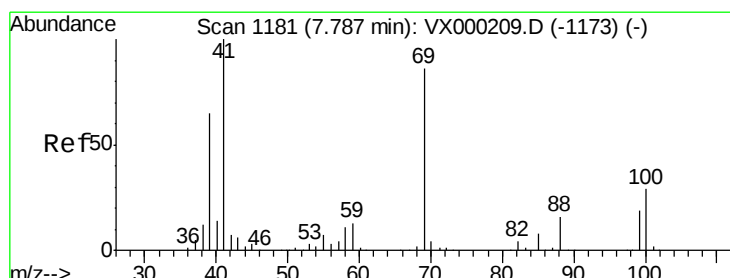
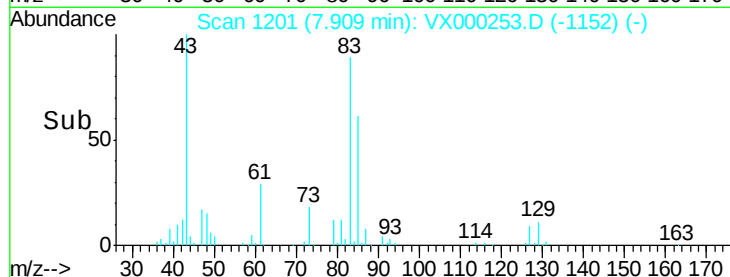
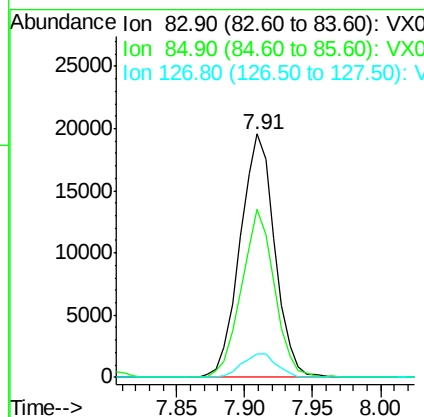
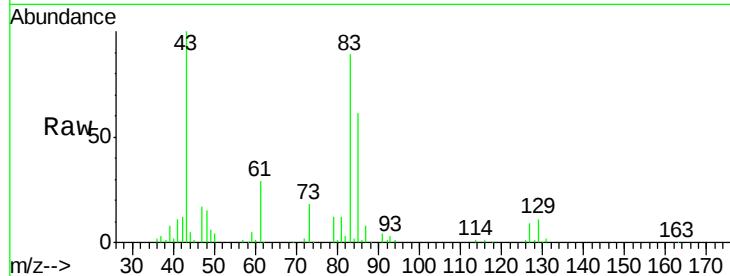
ClientSampleId :

VX0309MBS01

Tgt Ion:	83	Resp:	34757
Ion	Ratio	Lower	Upper
83	100		
85	69.0	49.6	74.4
127	9.7	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.66 ug/l

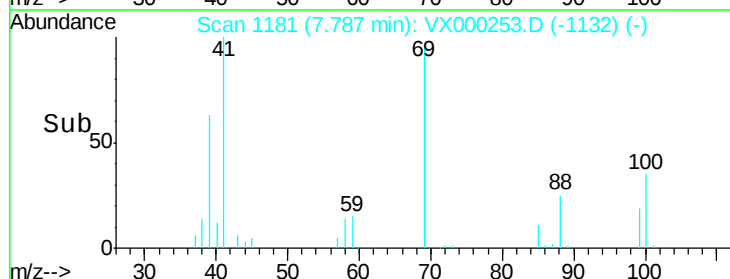
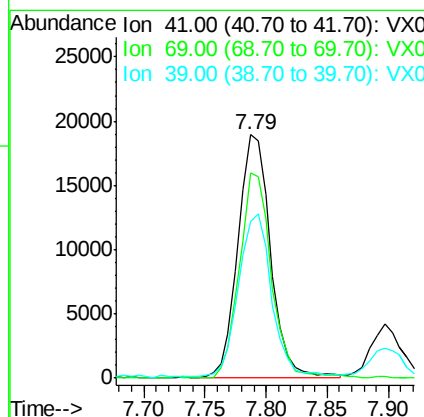
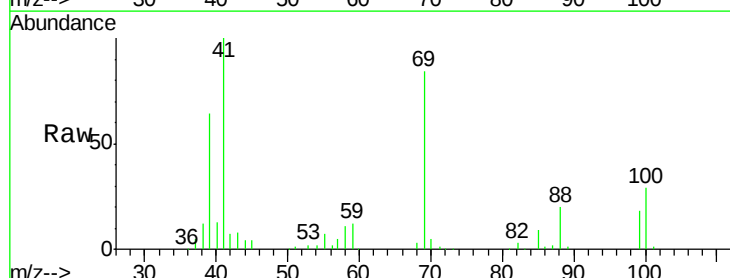
RT: 7.79 min Scan# 1181

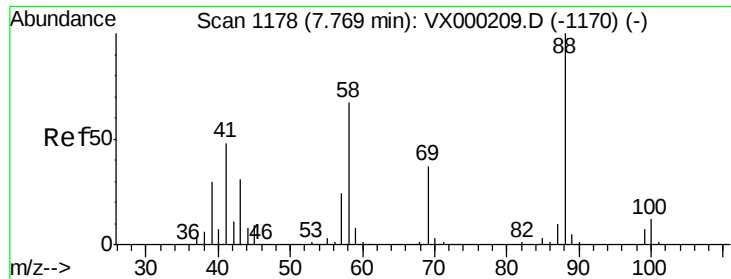
Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Tgt Ion:	41	Resp:	35224
Ion	Ratio	Lower	Upper
41	100		
69	82.5	70.0	105.0
39	67.7	53.6	80.4





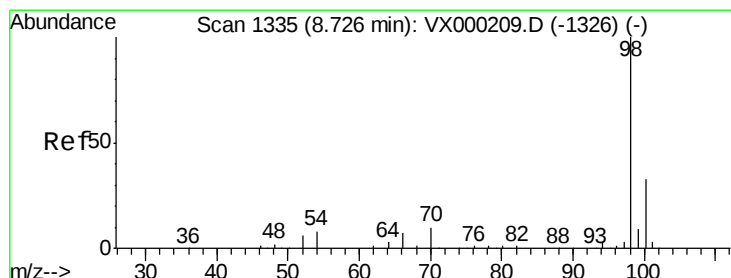
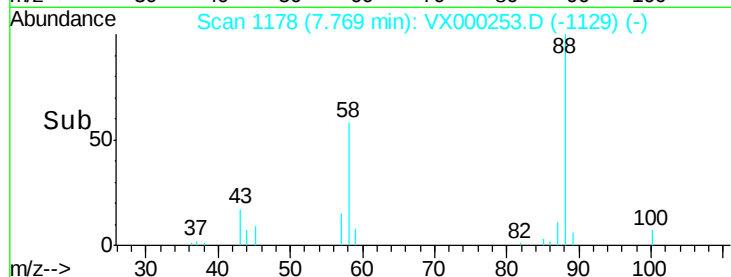
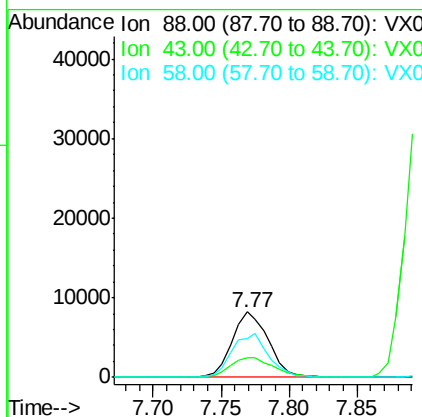
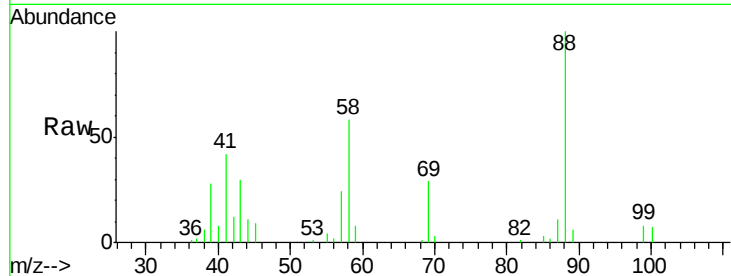
#49
1,4-Dioxane
Concen: 375.00 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.5	26.9	40.3
58	67.6	52.2	78.4

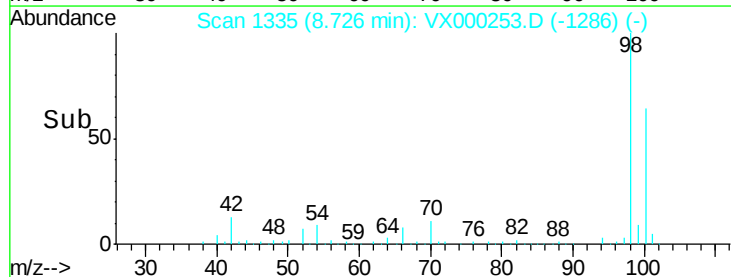
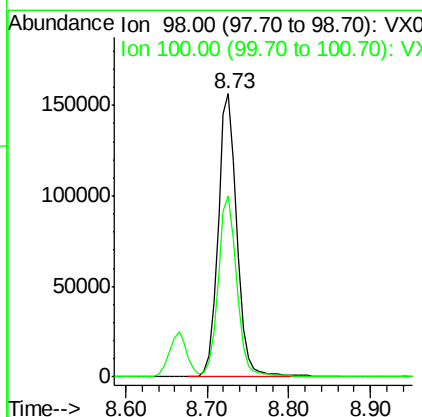
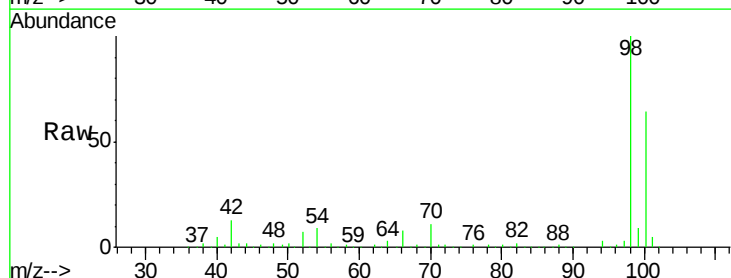
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#50
Toluene-d8
Concen: 49.60 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.2	76.8





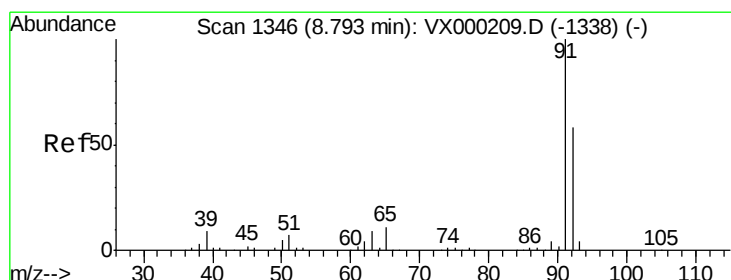
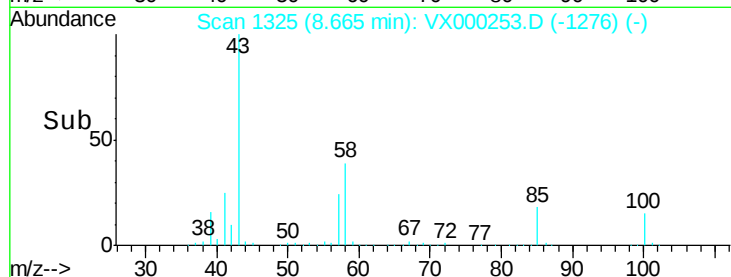
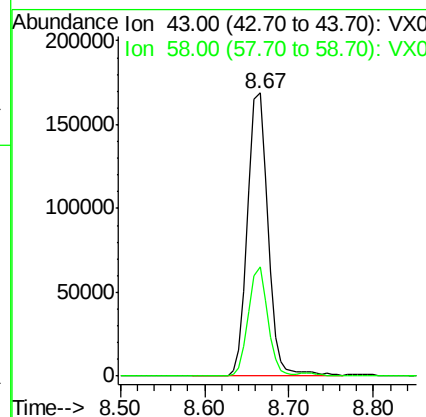
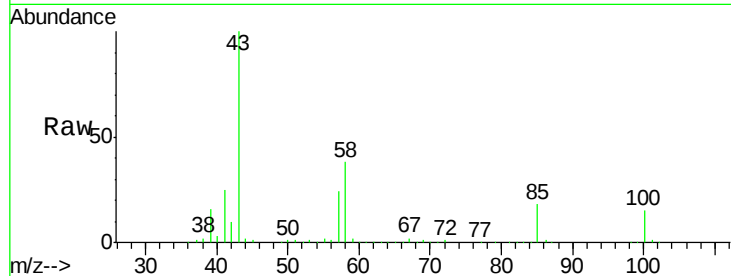
#51
4-Methyl-2-Pentanone
Concen: 100.49 ug/l
RT: 8.67 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBSD01

Tgt Ion: 43 Resp: 275886
Ion Ratio Lower Upper
43 100
58 36.2 30.2 45.2

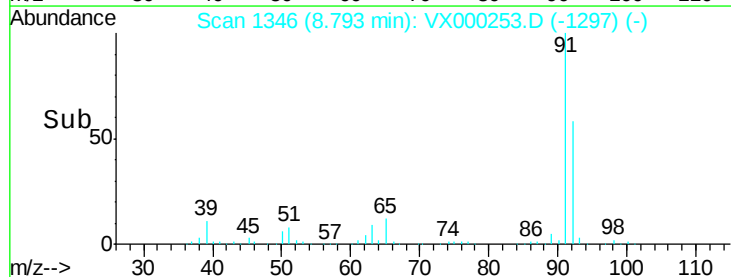
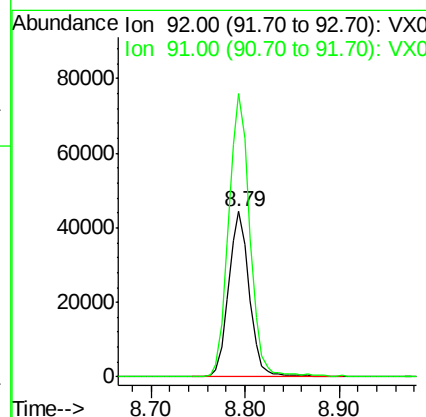
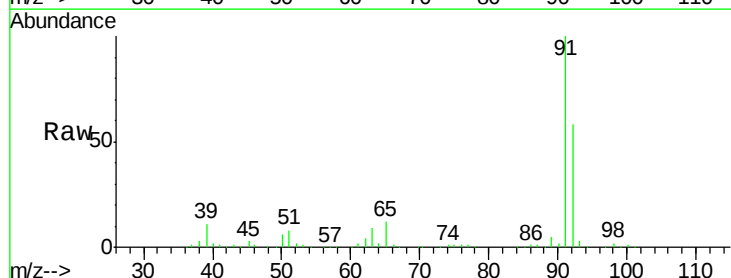
Manual Integrations
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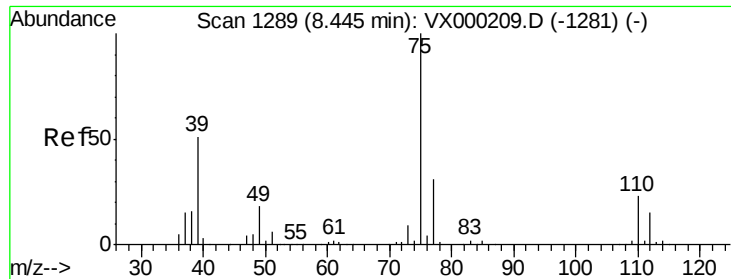
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#52
Toluene
Concen: 19.78 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 92 Resp: 68074
Ion Ratio Lower Upper
92 100
91 175.0 139.0 208.6





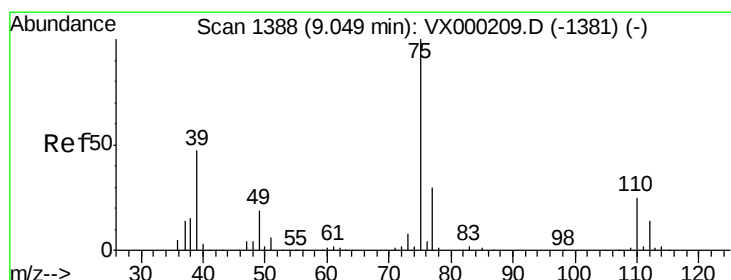
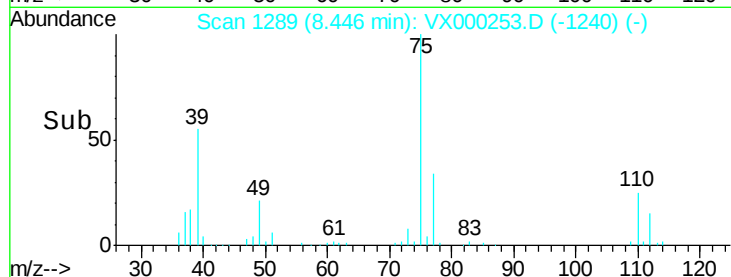
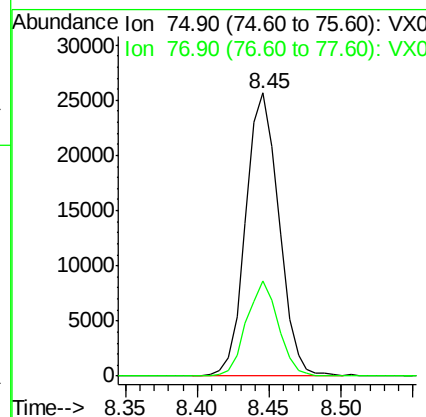
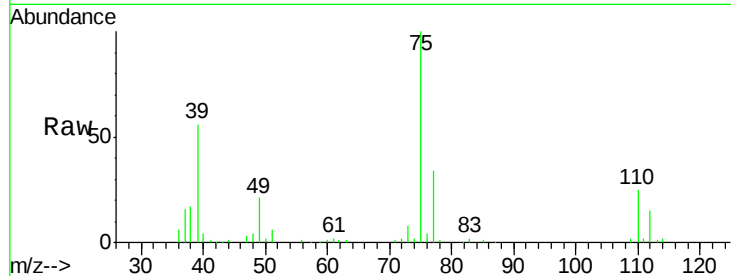
#53
t-1,3-Dichloropropene
Concen: 19.67 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBS01

Tgt Ion: 75 Resp: 41010
Ion Ratio Lower Upper
75 100
77 33.7 24.8 37.2

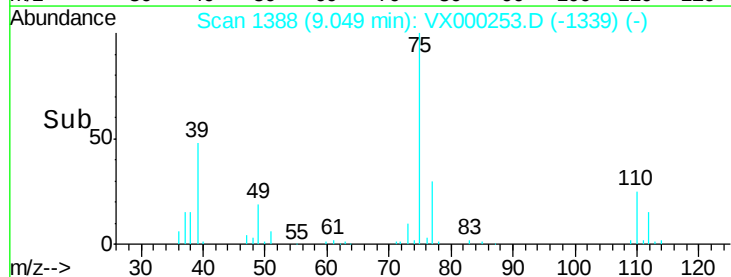
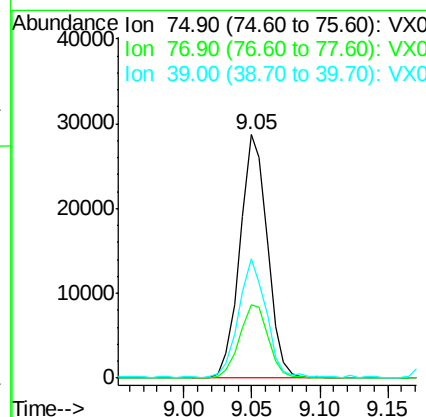
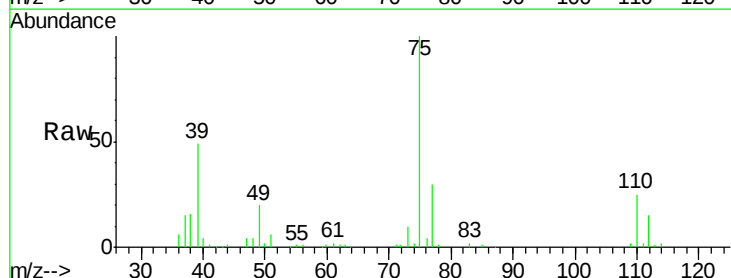
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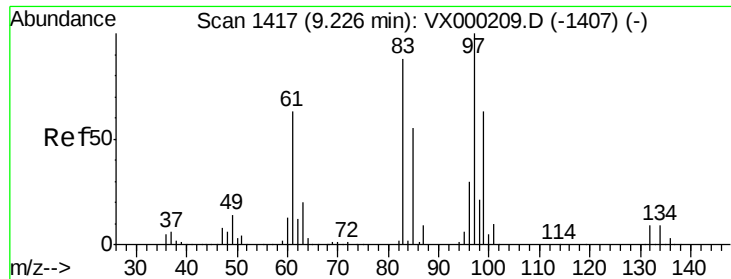
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#54
cis-1,3-Dichloropropene
Concen: 20.03 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 75 Resp: 40401
Ion Ratio Lower Upper
75 100
77 30.1 23.9 35.9
39 48.5 37.4 56.2





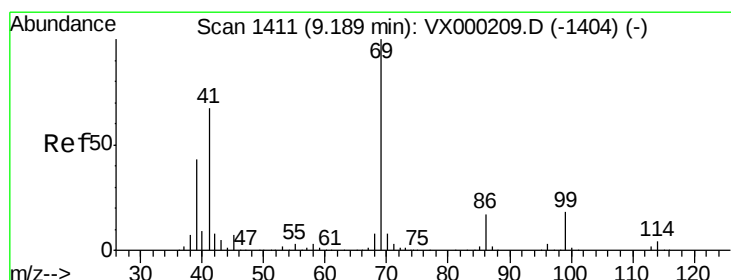
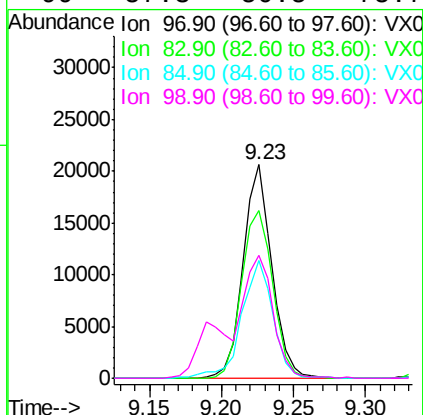
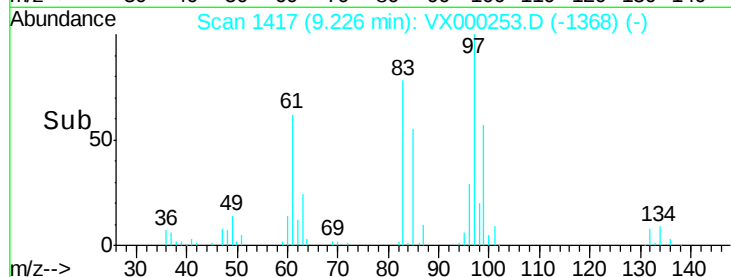
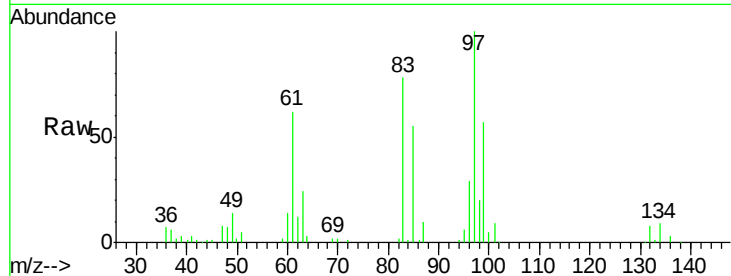
#55
 1,1,2-Trichloroethane
 Concen: 20.40 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309MBS01

Tgt Ion:	97	Resp:	28436
Ion	Ratio	Lower	Upper
97	100		
83	78.5	70.4	105.6
85	55.0	43.9	65.9
99	57.3	50.5	75.7

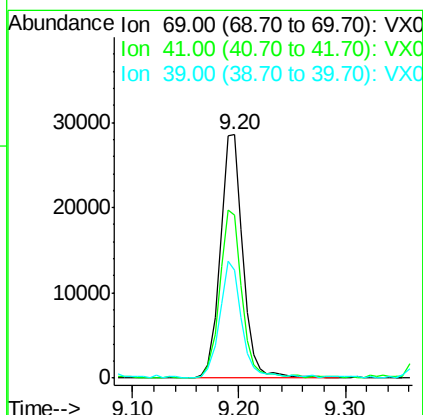
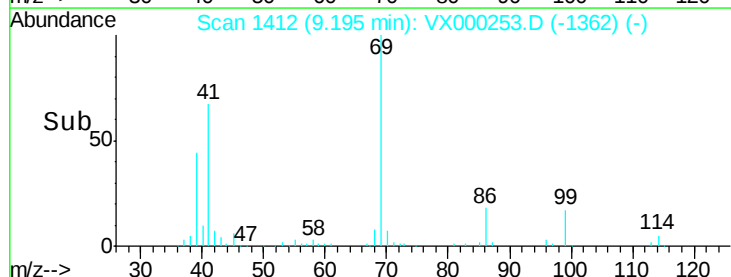
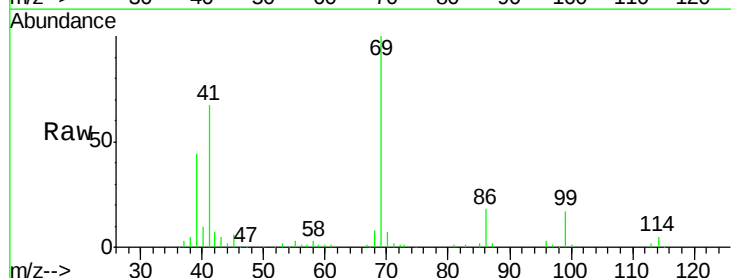
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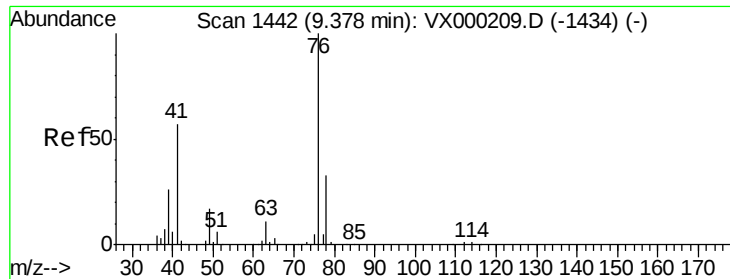
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#56
 Ethyl methacrylate
 Concen: 20.29 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Tgt Ion:	69	Resp:	42320
Ion	Ratio	Lower	Upper
69	100		
41	68.4	52.2	78.2
39	46.8	34.3	51.5





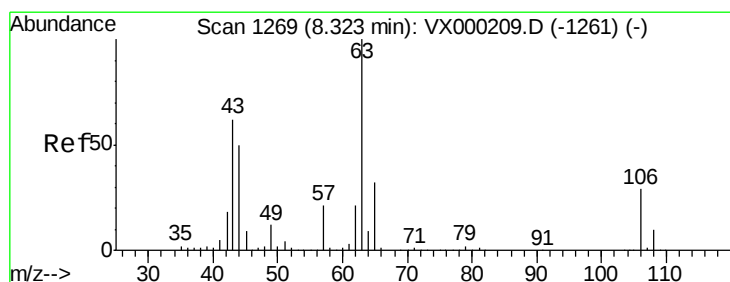
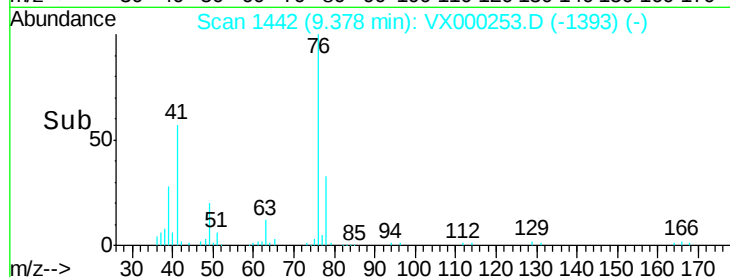
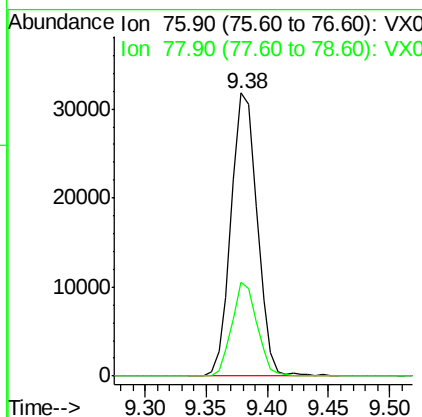
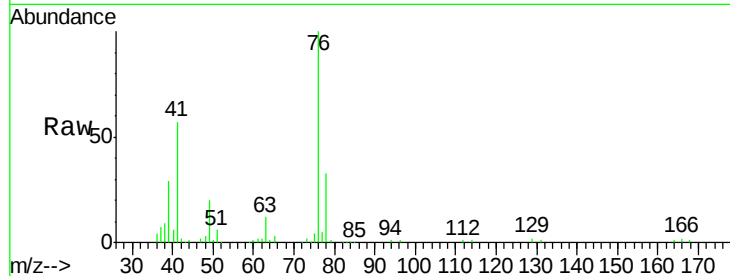
#57
 1,3-Dichloropropane
 Concen: 20.06 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309MBSD01

Tgt Ion: 76 Resp: 46952
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.2 39.2

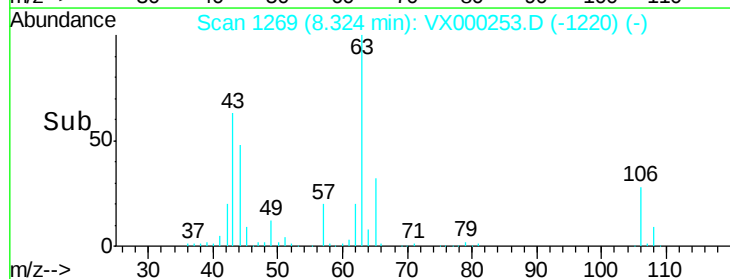
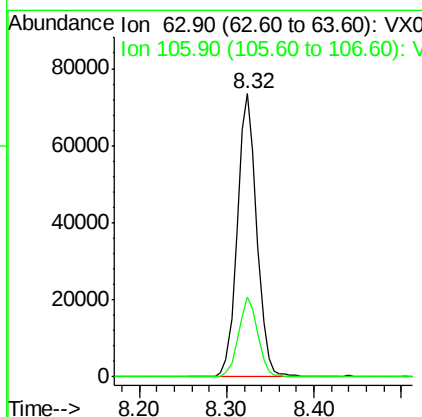
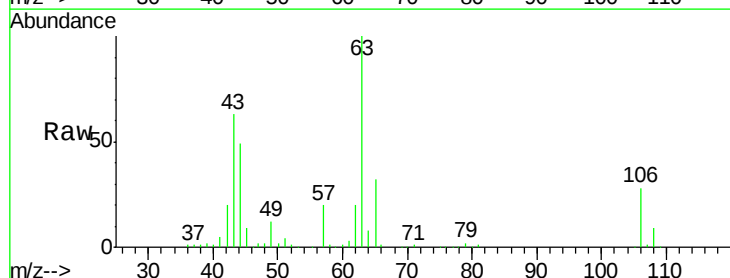
Manual Integrations
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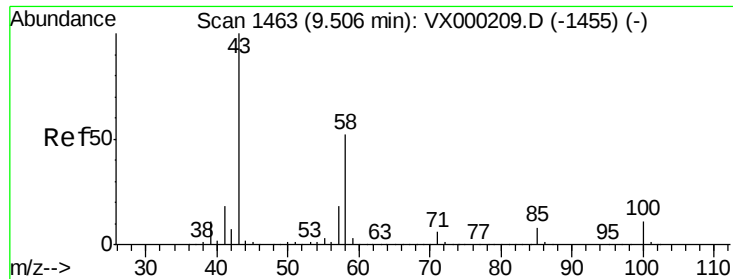
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#58
 2-Chloroethyl Vinyl ether
 Concen: 108.83 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Tgt Ion: 63 Resp: 114604
 Ion Ratio Lower Upper
 63 100
 106 28.0 23.2 34.8





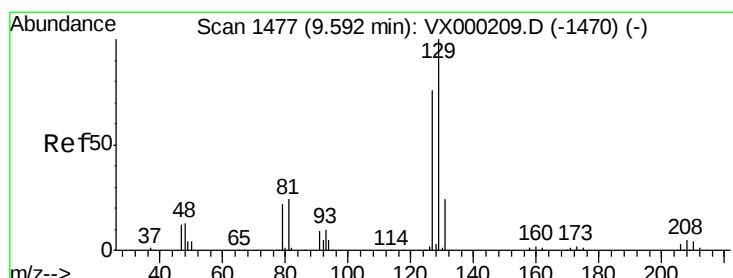
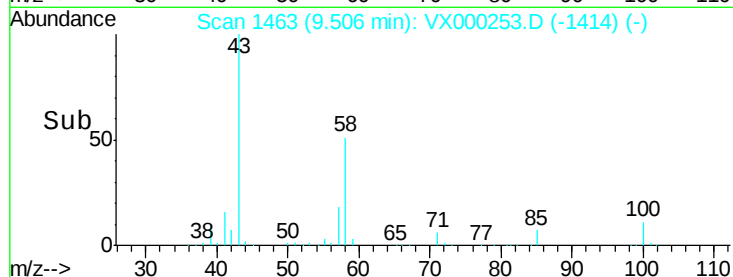
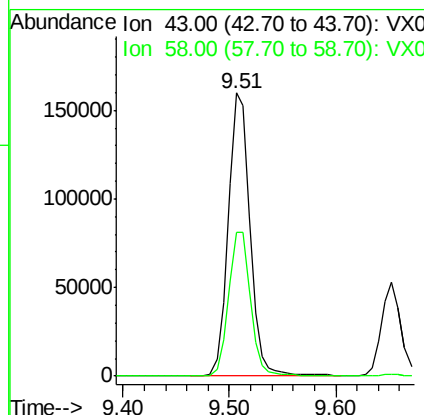
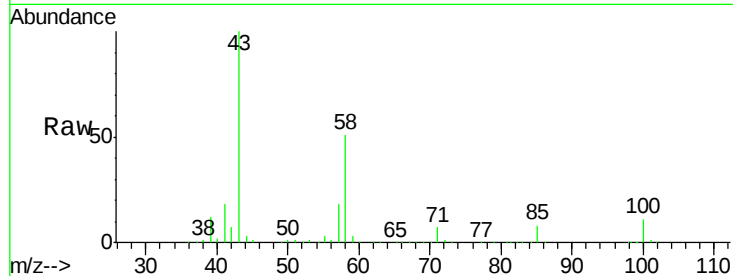
#59
2-Hexanone
Concen: 98.30 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBSD01

Tgt Ion: 43 Resp: 230105
Ion Ratio Lower Upper
43 100
58 51.6 26.6 79.7

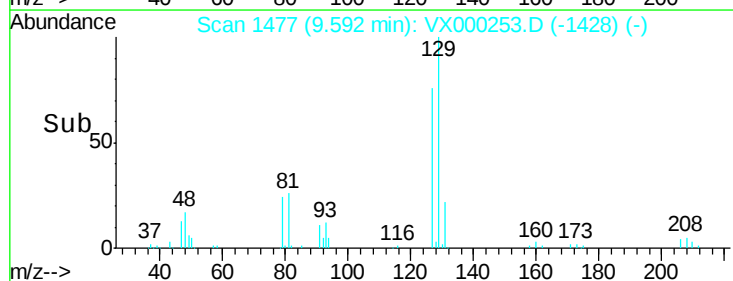
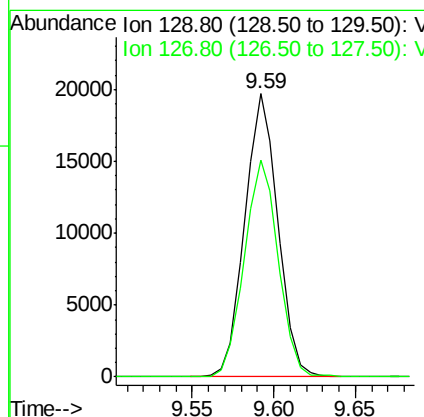
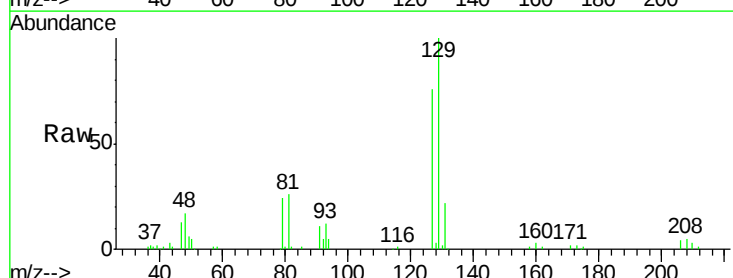
Manual Integrations
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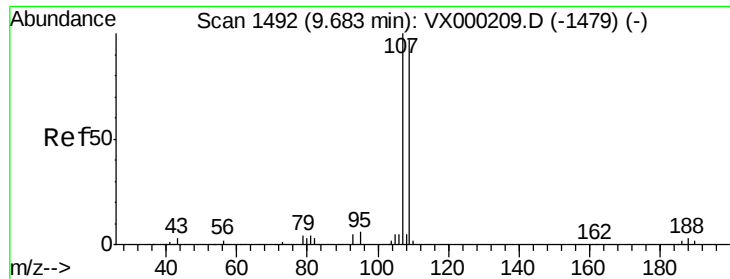
apatel
3/10/2018 12:55:57 PM



#60
Dibromochloromethane
Concen: 18.94 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 129 Resp: 27836
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.38 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0309MBS01

Tgt Ion: 107 Resp: 31534

Ion Ratio Lower Upper

107 100

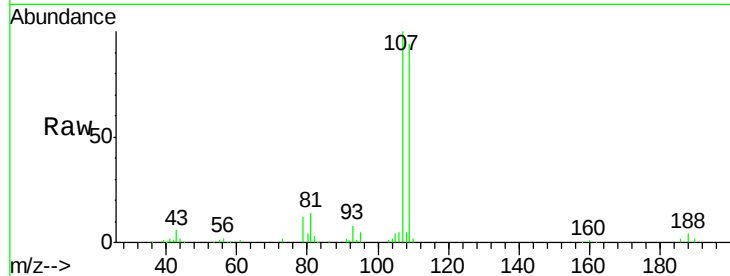
109 93.9 76.8 115.2

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

25000

20000

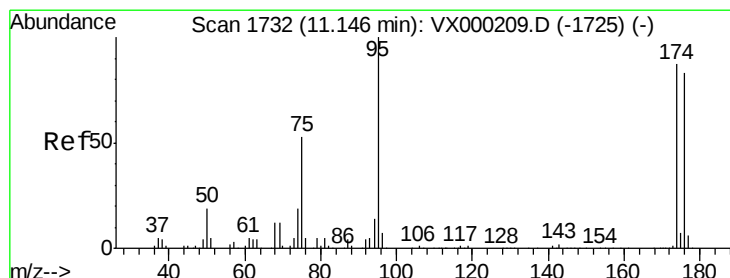
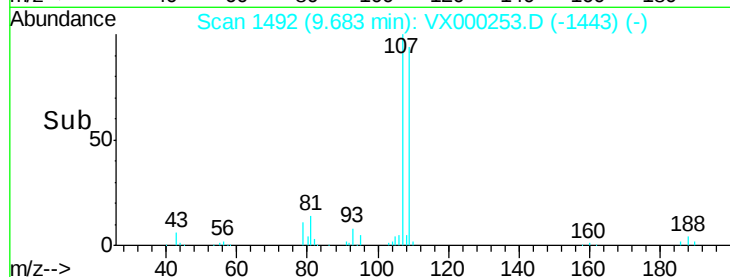
15000

10000

5000

0

Time--> 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.11 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

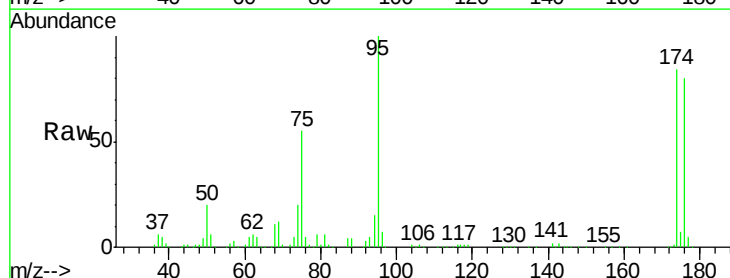
Tgt Ion: 95 Resp: 97564

Ion Ratio Lower Upper

95 100

174 82.9 0.0 175.6

176 80.9 0.0 171.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15

100000

80000

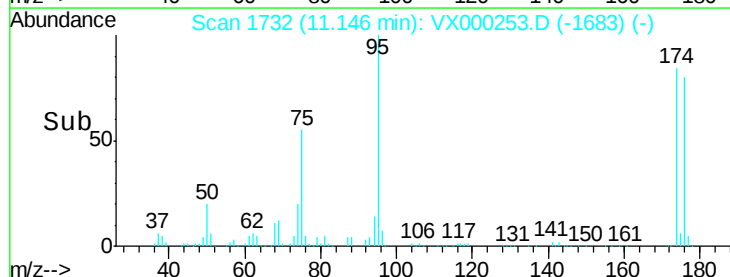
60000

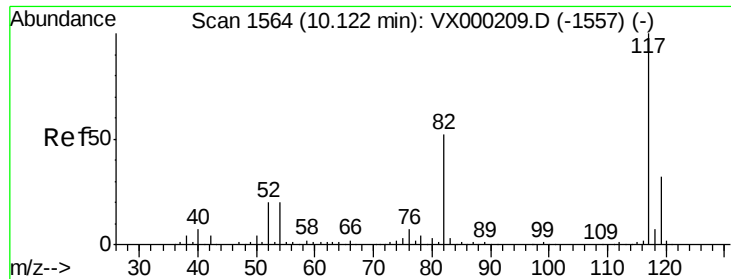
40000

20000

0

Time--> 11.10 11.20





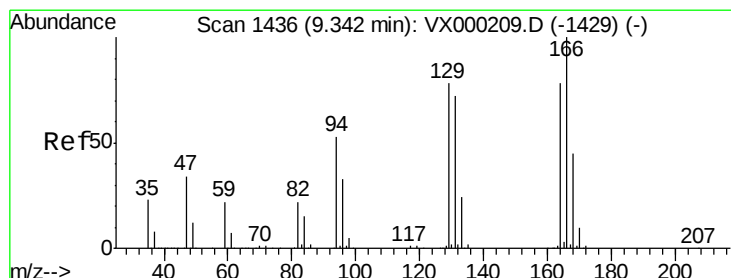
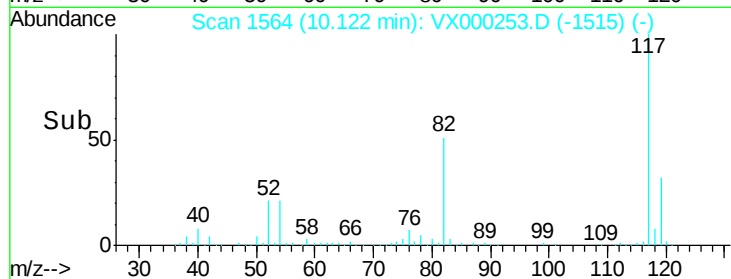
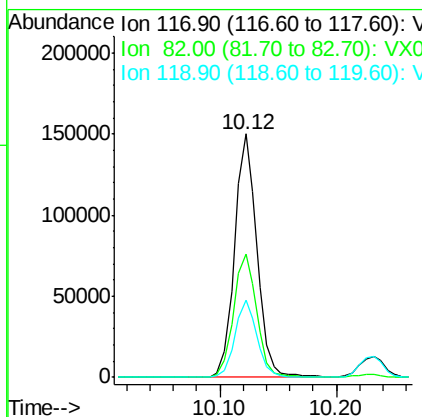
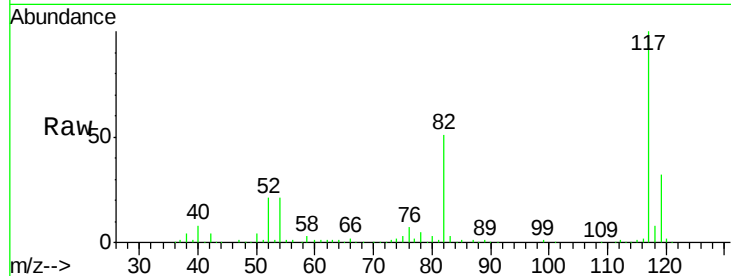
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBSD01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.0	63.0
119	31.9	25.3	37.9

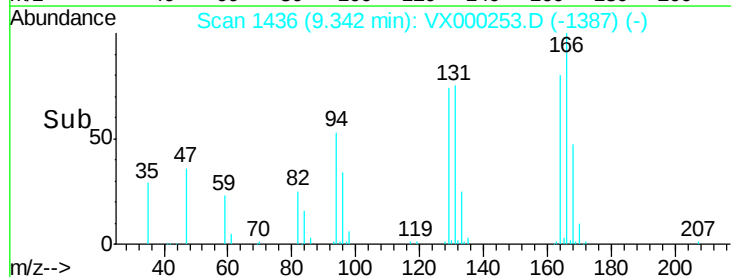
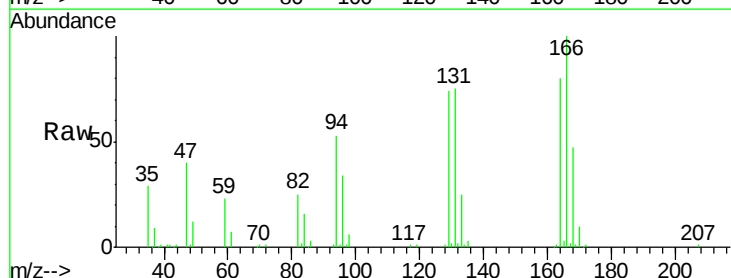
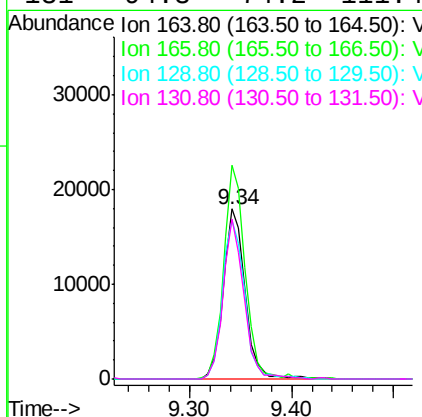
Manual Integrations
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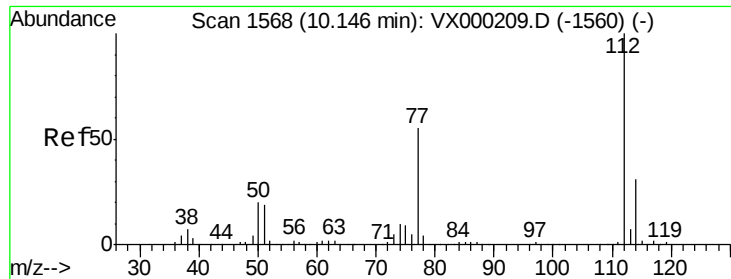
apatel
3/10/2018 12:55:57 PM



#64
Tetrachloroethene
Concen: 18.87 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	103.0	154.6
129	93.2	80.2	120.4
131	94.3	74.2	111.4





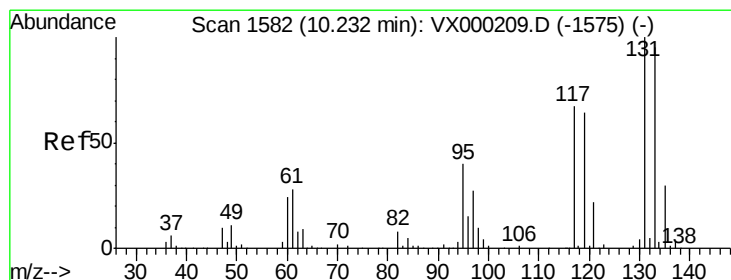
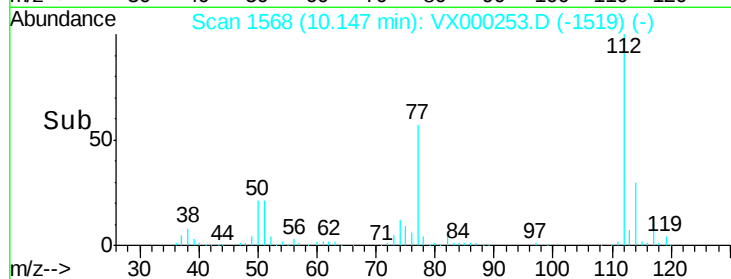
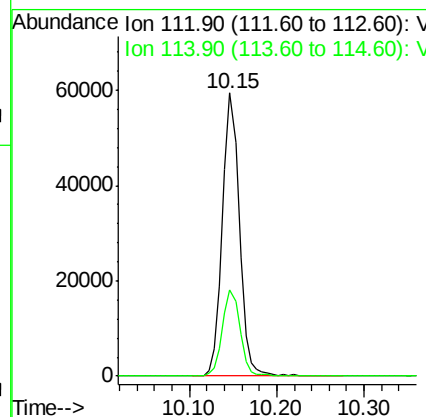
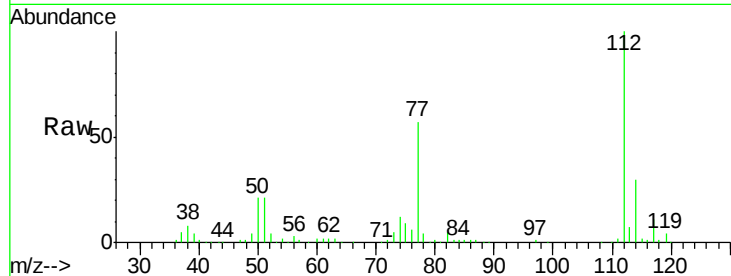
#65
Chlorobenzene
Concen: 19.80 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBSD01

Tgt Ion:112 Resp: 80268
Ion Ratio Lower Upper
112 100
114 30.3 25.0 37.4

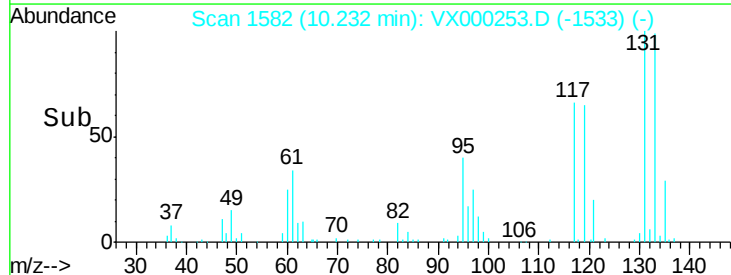
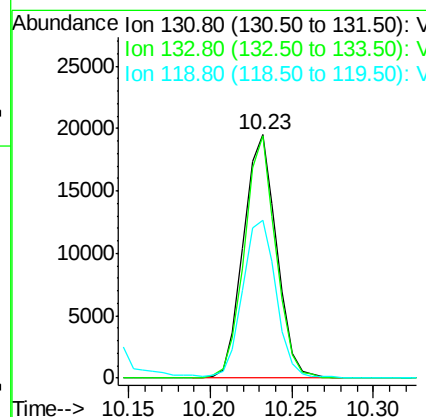
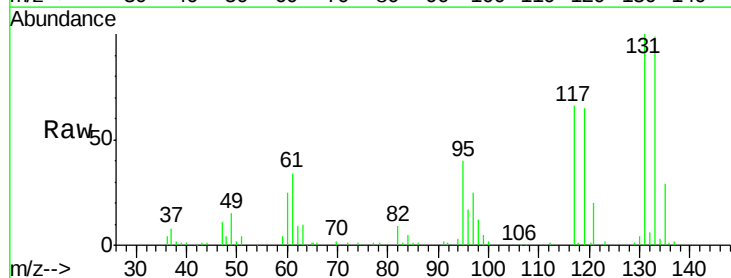
Manual Integrations
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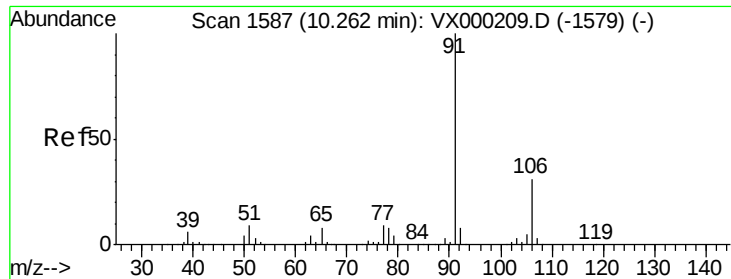
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.96 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion:131 Resp: 27661
Ion Ratio Lower Upper
131 100
133 94.3 48.3 144.9
119 66.0 32.3 96.8





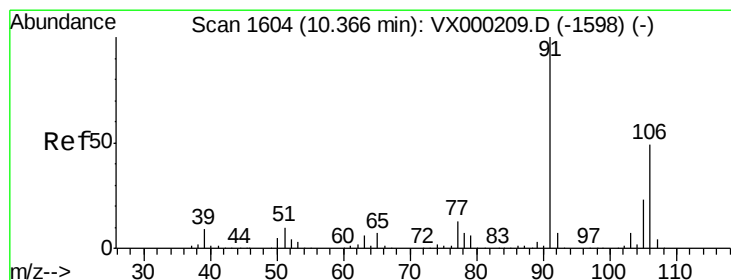
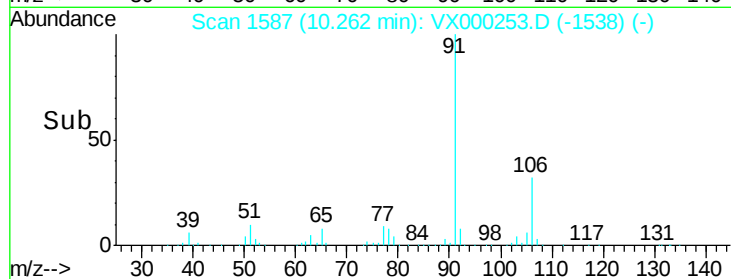
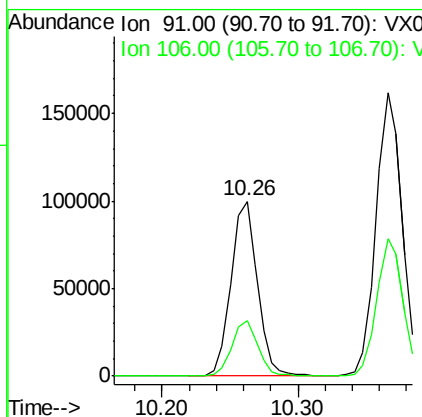
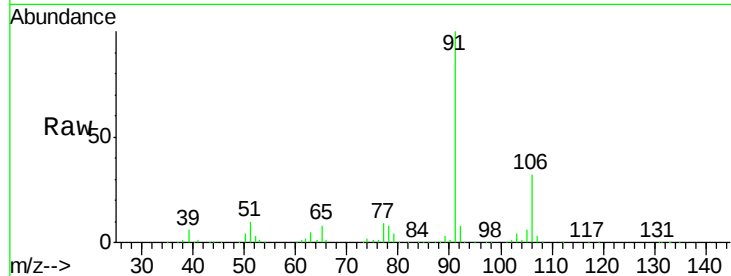
#67
Ethyl Benzene
Concen: 19.14 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampled :
VX0309MBSD01

Tgt Ion: 91 Resp: 135407
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8

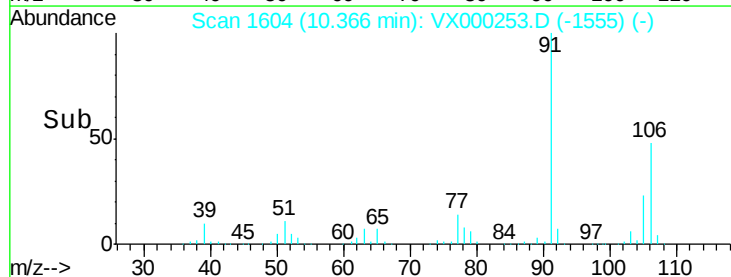
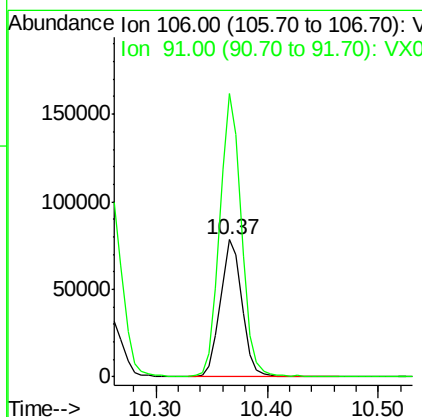
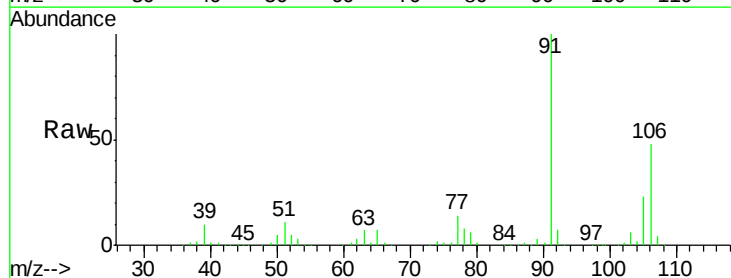
Manual Integrations
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#68
m/p-Xylenes
Concen: 38.92 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion: 106 Resp: 105974
Ion Ratio Lower Upper
106 100
91 206.5 160.9 241.3





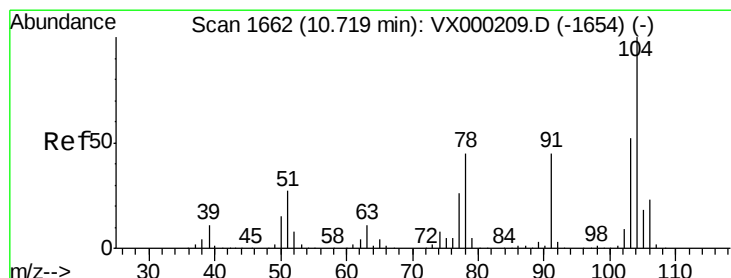
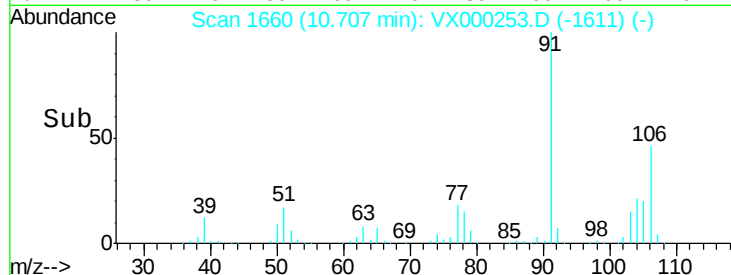
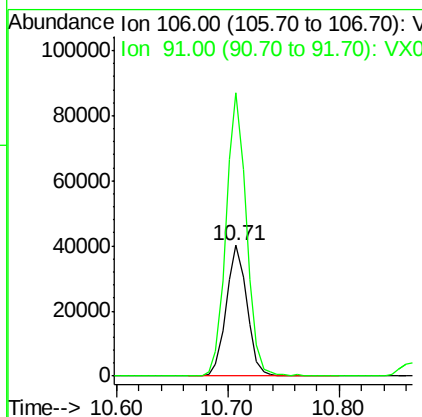
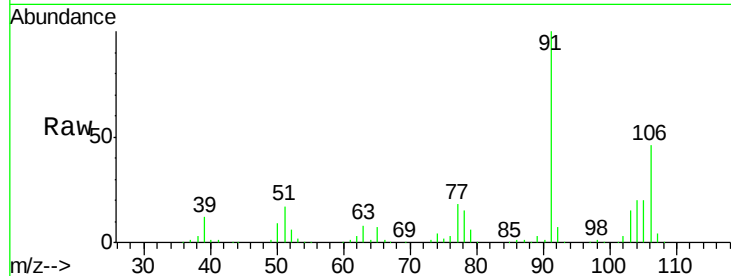
#69
o-Xylene
Concen: 19.86 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBS01

Tgt Ion:106 Resp: 51969
Ion Ratio Lower Upper
106 100
91 212.1 105.9 317.7

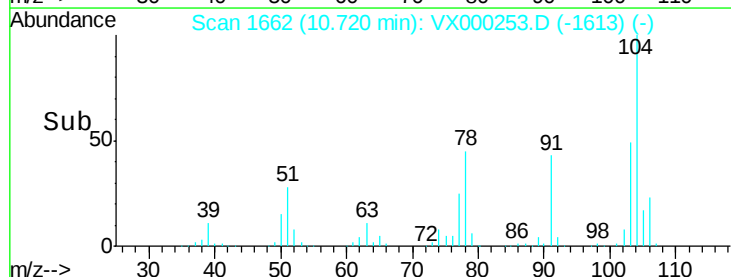
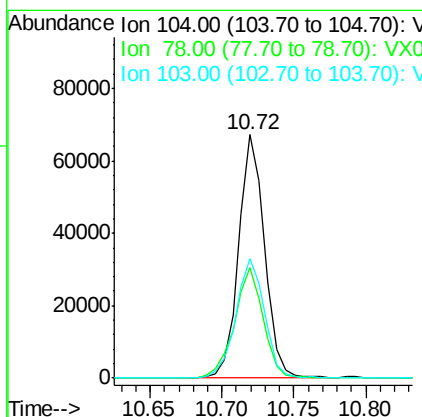
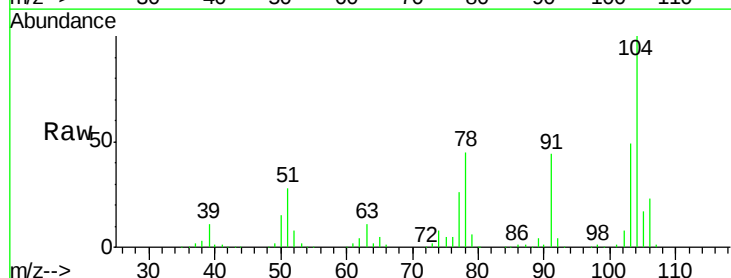
Manual Integrations
APPROVED

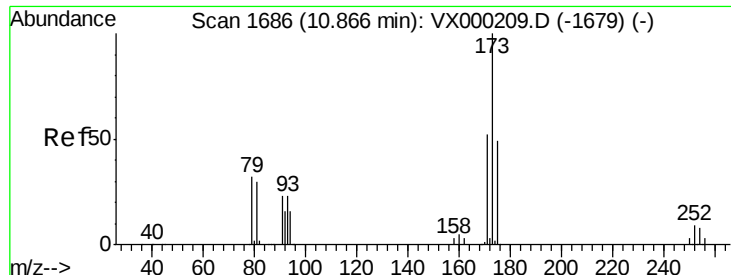
apatel
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#70
Styrene
Concen: 19.41 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion:104 Resp: 84278
Ion Ratio Lower Upper
104 100
78 50.8 39.6 59.4
103 55.1 45.0 67.6





#71

Bromoform

Concen: 17.41 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0309MBSD01

Tgt Ion:173 Resp: 21557

Ion Ratio Lower Upper

173 100

175 46.7 24.4 73.2

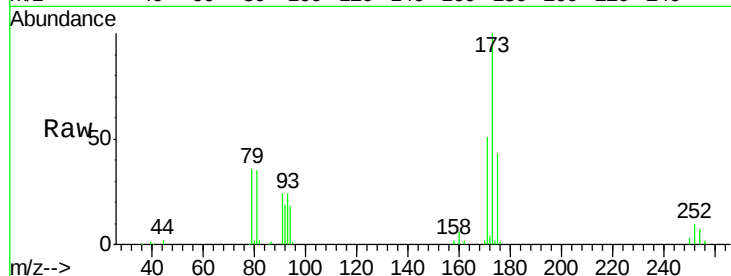
254 0.0 0.2 0.2#

Manual Integrations

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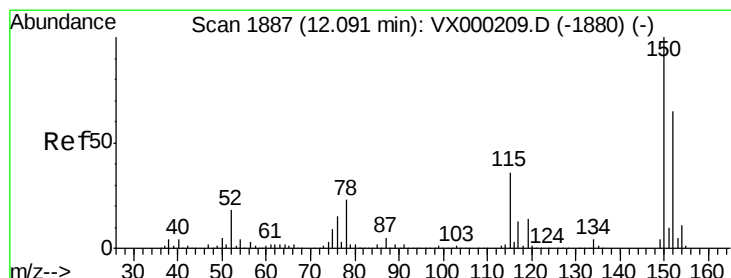
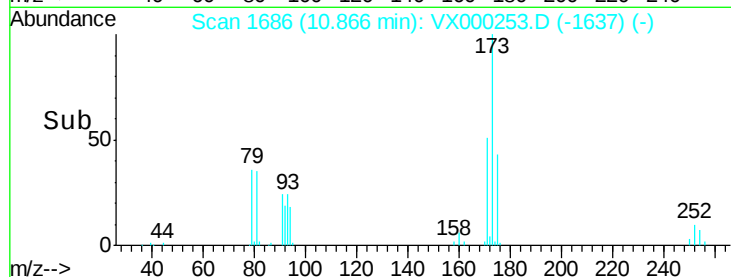
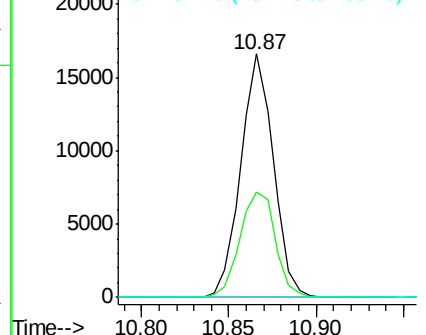
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

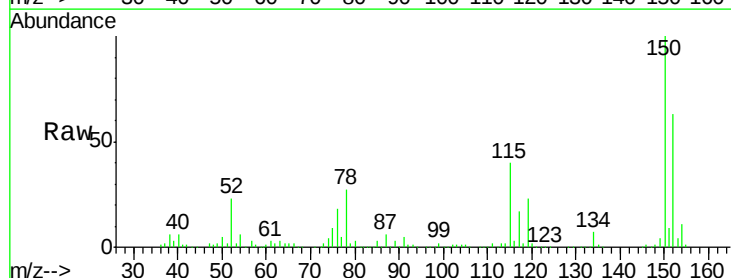
Tgt Ion:152 Resp: 112391

Ion Ratio Lower Upper

152 100

115 69.0 39.8 119.3

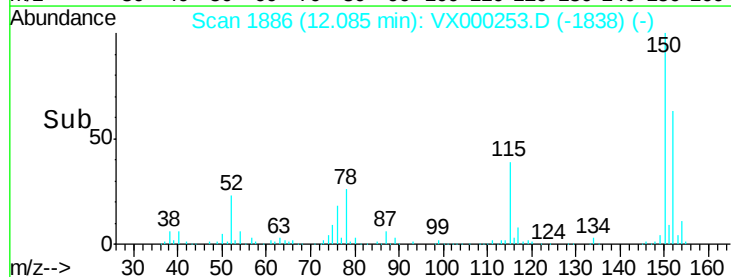
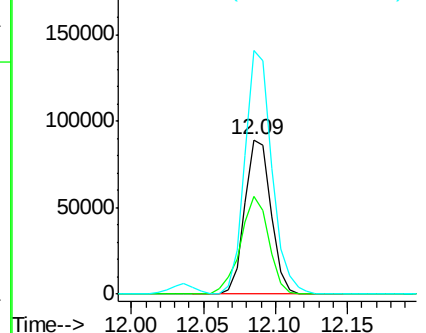
150 163.5 0.0 345.0

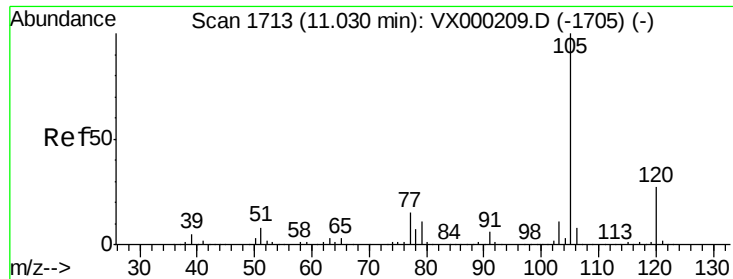


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.81 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0309MBSD01

Tgt Ion: 105 Resp: 139366

Ion Ratio Lower Upper

105 100

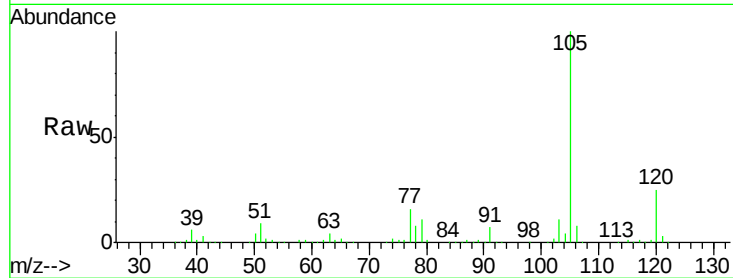
120 26.1 13.5 40.4

Manual Integrations

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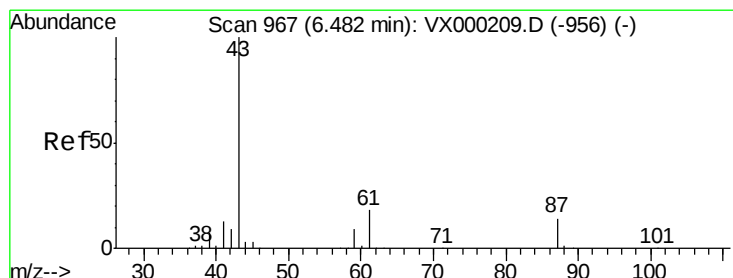
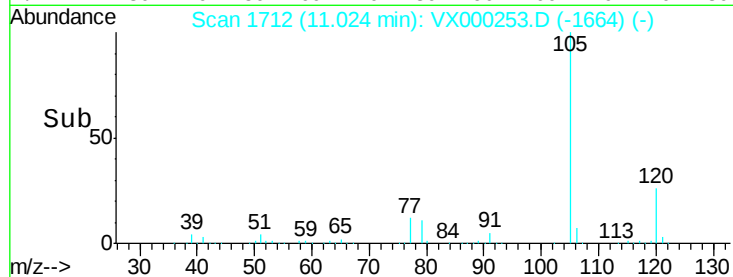
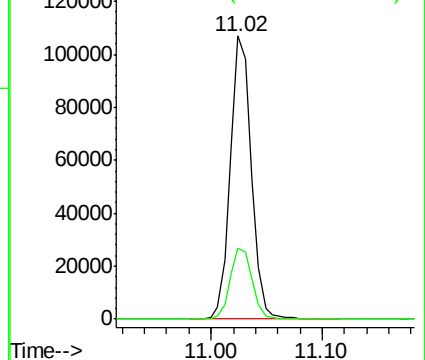
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.57 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Tgt Ion: 43 Resp: 70441

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

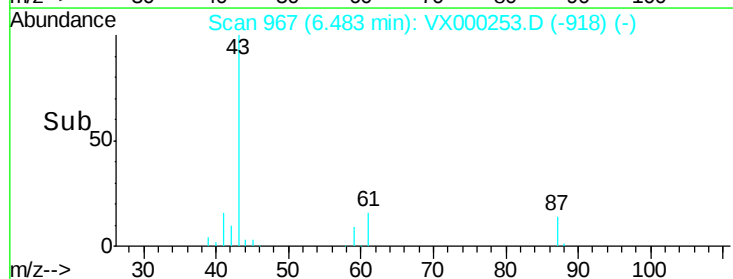
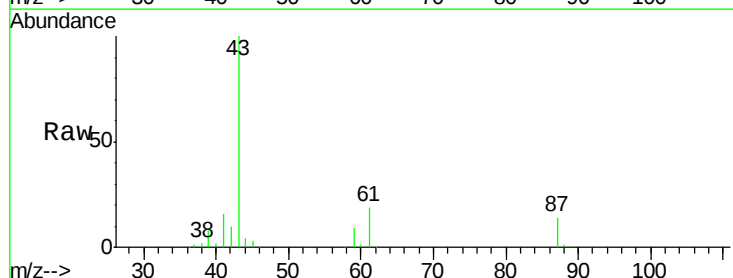
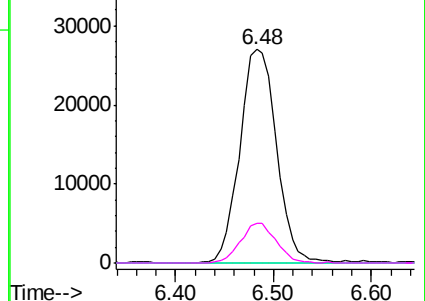
61 18.1 14.8 22.2

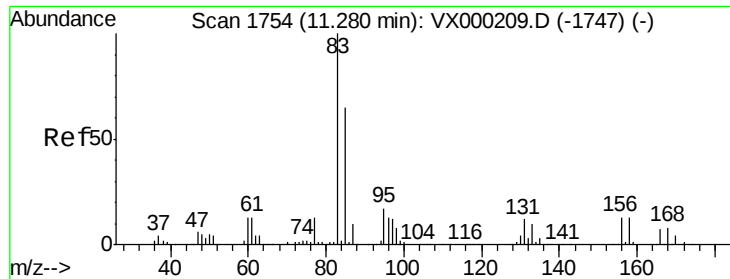
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.44 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

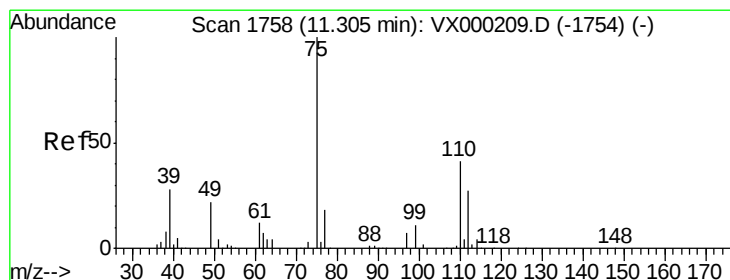
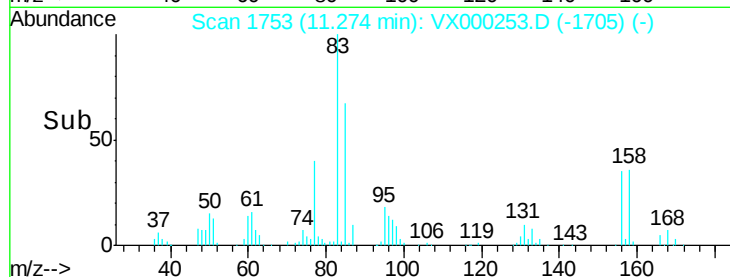
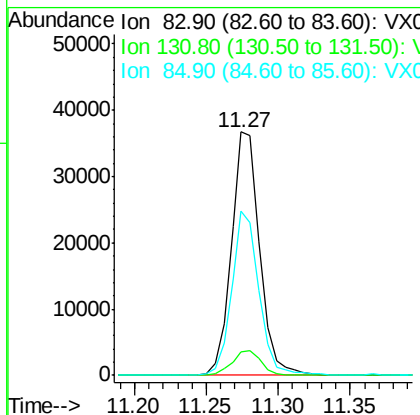
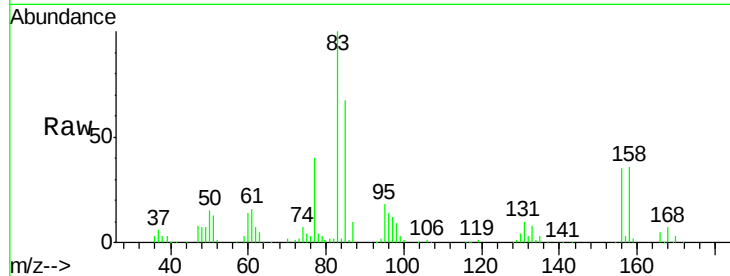
ClientSampleId :

VX0309MBS01

Tgt Ion:	83	Resp:	50420
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.5	16.5
85	65.0	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.17 ug/l m

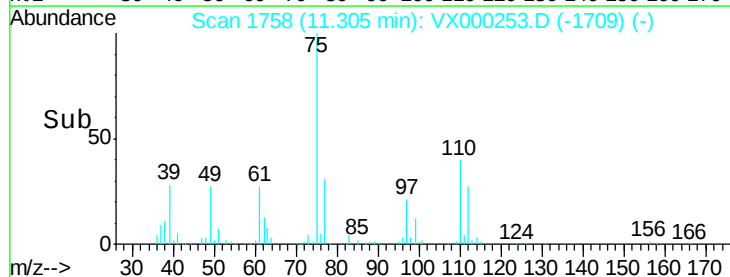
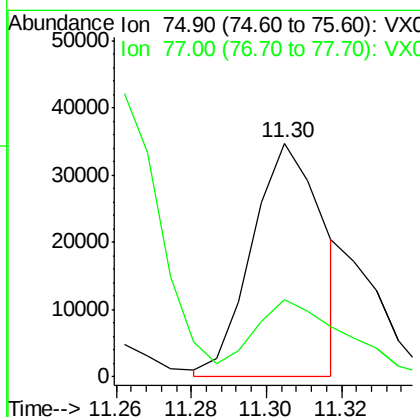
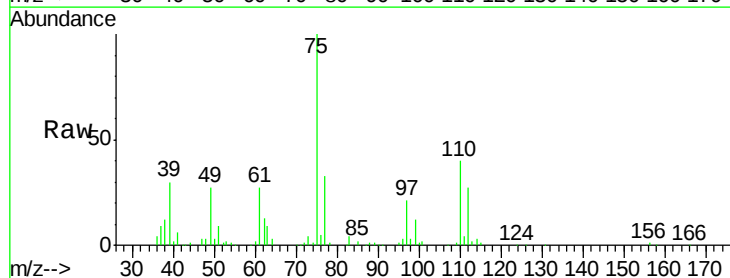
RT: 11.30 min Scan# 1758

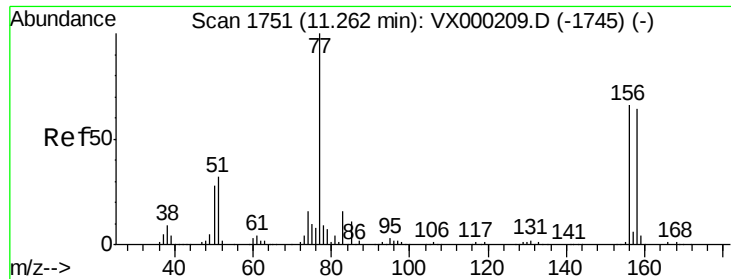
Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Tgt Ion:	75	Resp:	45451
Ion	Ratio	Lower	Upper
75	100		
77	42.9	22.3	66.8





#77

Bromobenzene

Concen: 19.44 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0309MBS01

Tgt Ion:156 Resp: 35368

Ion Ratio Lower Upper

156 100

77 150.8 71.9 215.7

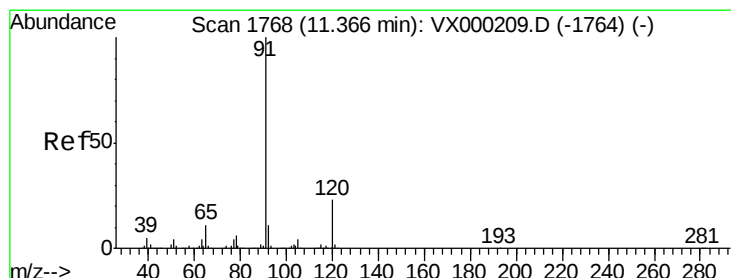
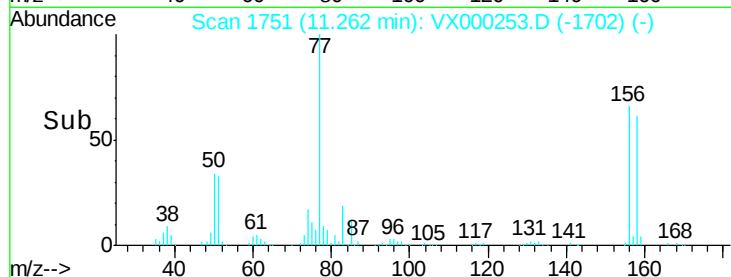
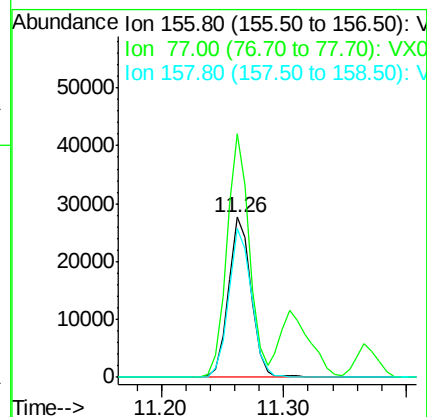
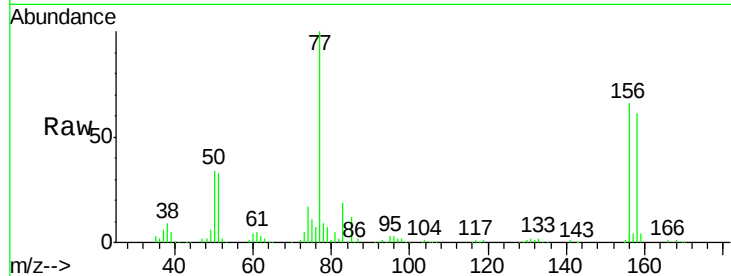
158 94.0 48.0 144.2

Manual Integrations

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#78

n-propylbenzene

Concen: 20.25 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000253.D

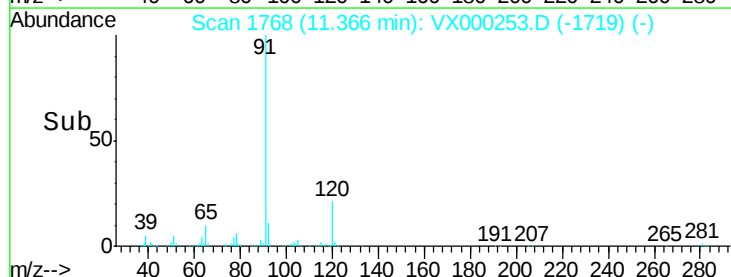
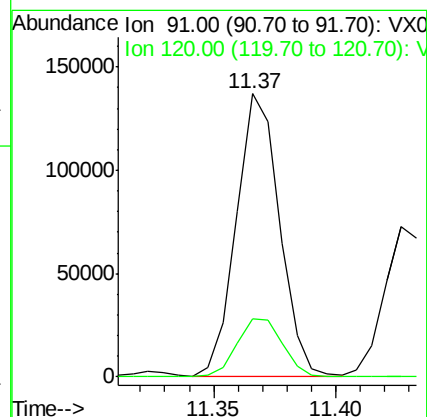
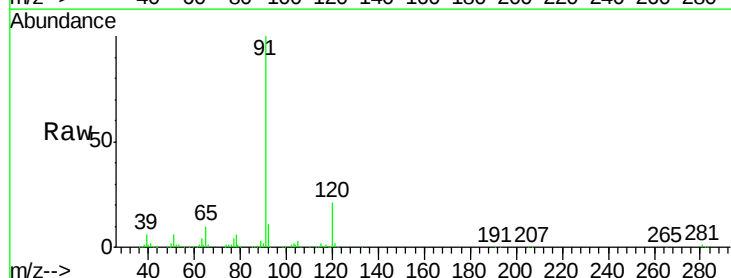
Acq: 09 Mar 2018 13:58

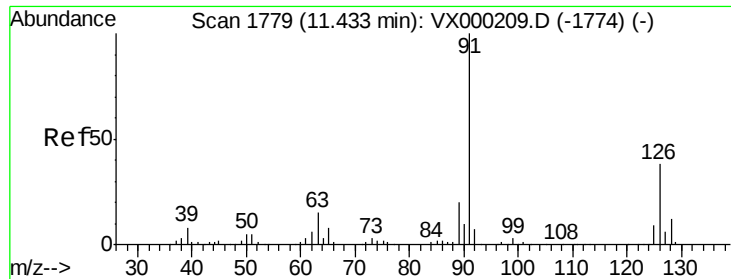
Tgt Ion: 91 Resp: 167710

Ion Ratio Lower Upper

91 100

120 22.1 12.2 36.4





#79

2-Chlorotoluene

Concen: 20.20 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0309MBS01

Tgt Ion: 91 Resp: 94389

Ion Ratio Lower Upper

91 100

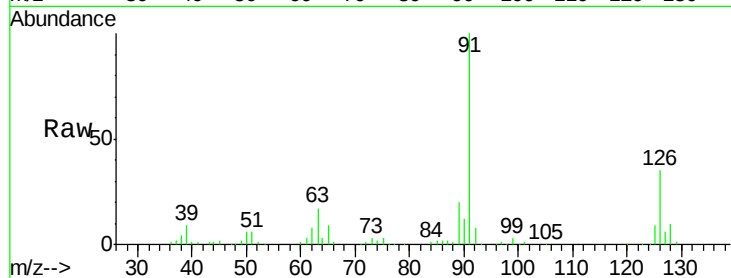
126 35.7 18.4 55.2

Manual Integrations

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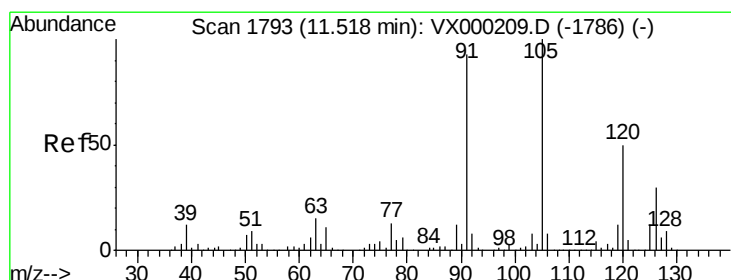
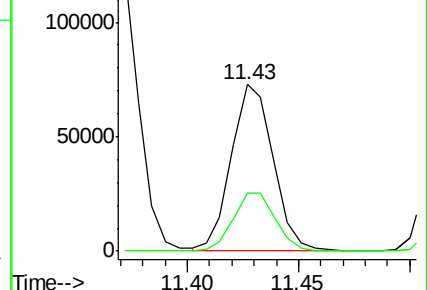
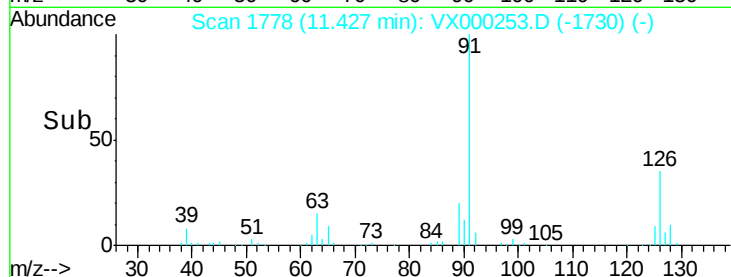
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.40 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000253.D

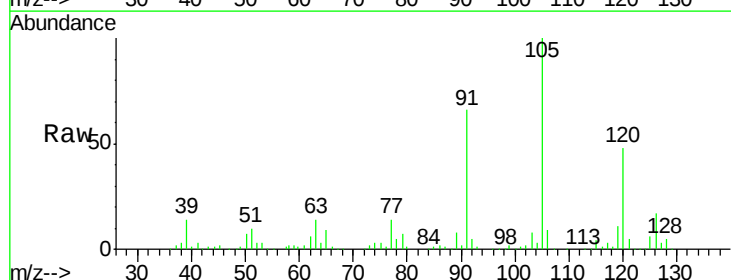
Acq: 09 Mar 2018 13:58

Tgt Ion: 105 Resp: 119869

Ion Ratio Lower Upper

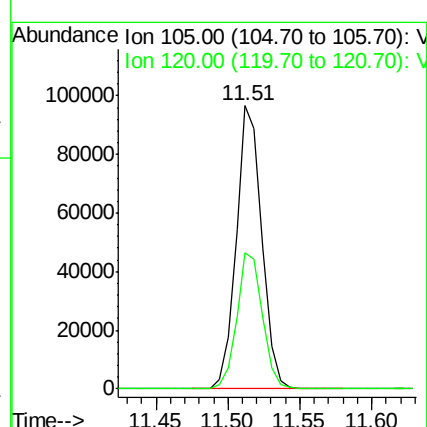
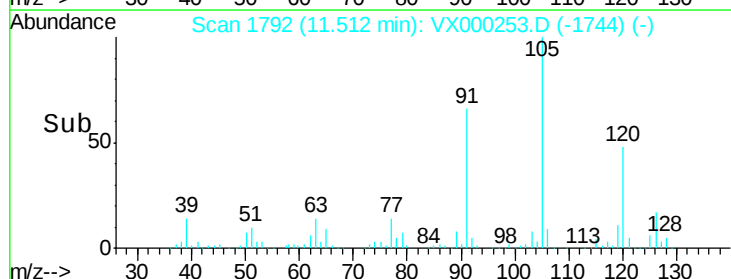
105 100

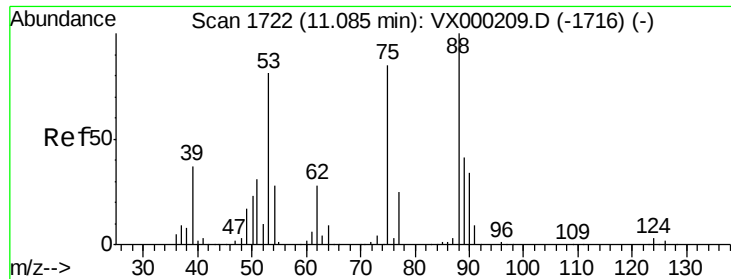
120 48.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.49 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

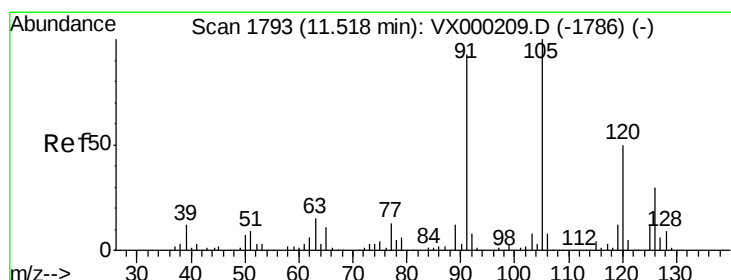
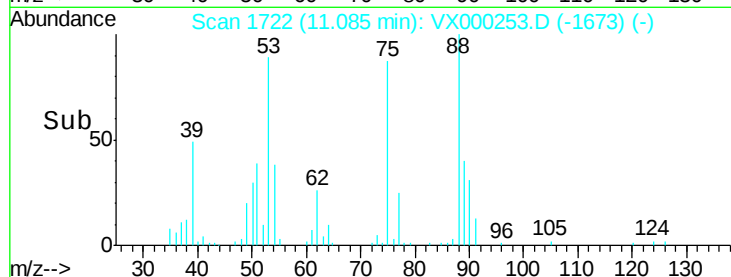
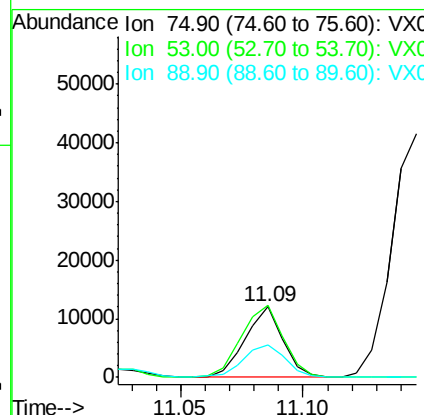
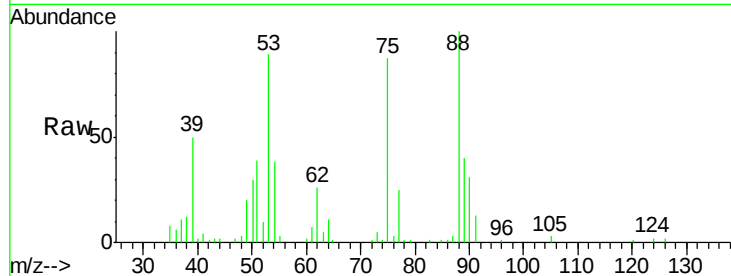
ClientSampleId :

VX0309MBS01

Tgt Ion:	75	Resp:	12868
Ion Ratio	Lower	Upper	
75	100		
53	115.3	78.6	118.0
89	52.6	38.8	58.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.48 ug/l

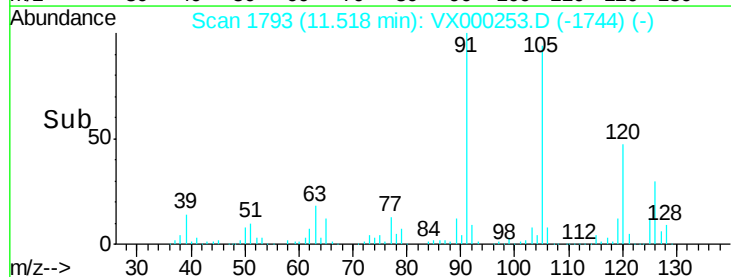
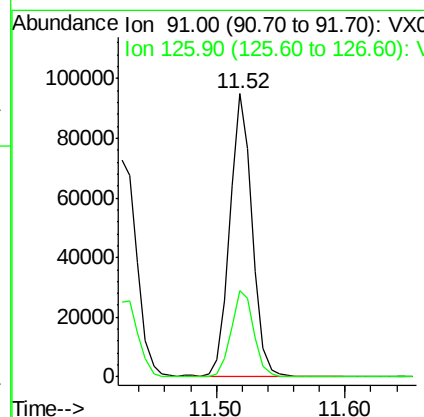
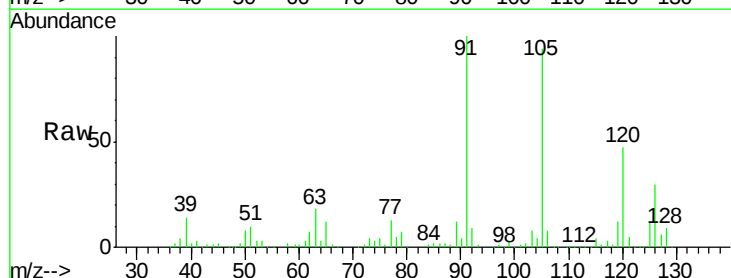
RT: 11.52 min Scan# 1793

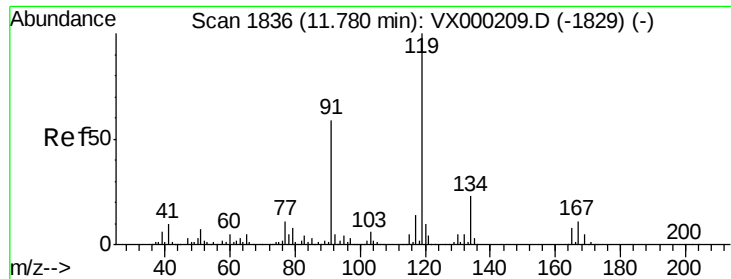
Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Tgt Ion:	91	Resp:	116320
Ion Ratio	Lower	Upper	
91	100		
126	30.7	16.0	48.0





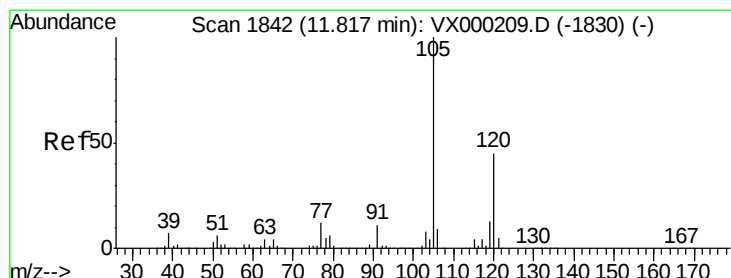
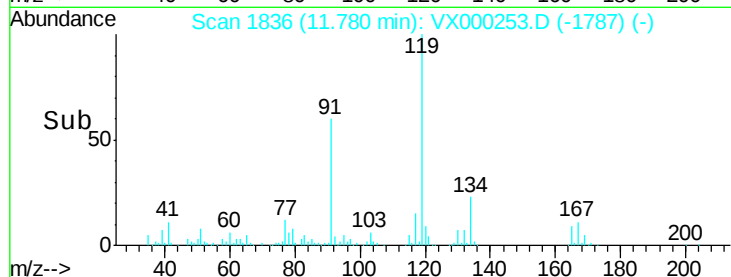
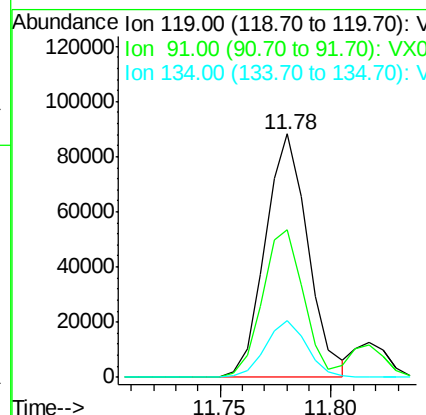
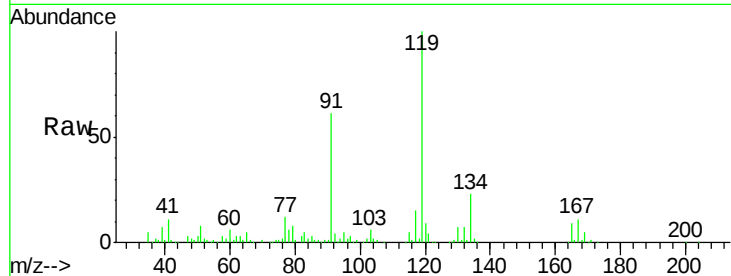
#83
 tert-Butylbenzene
 Concen: 20.52 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	117300		
91	58.3	28.9	86.7	
134	22.7	11.5	34.4	

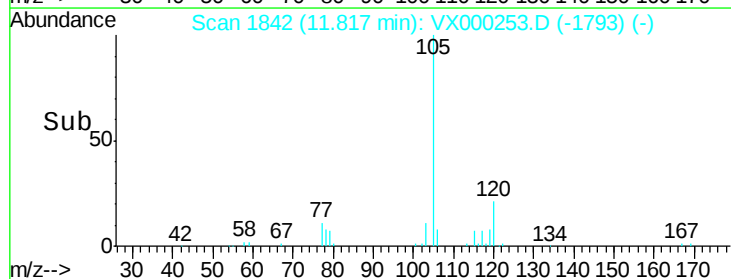
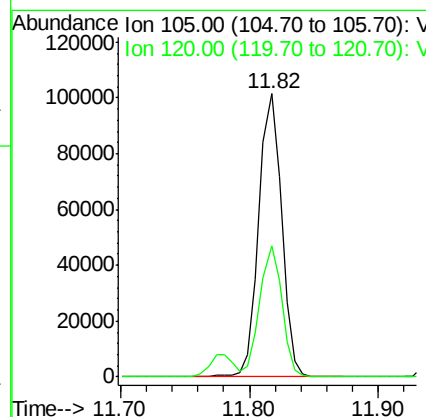
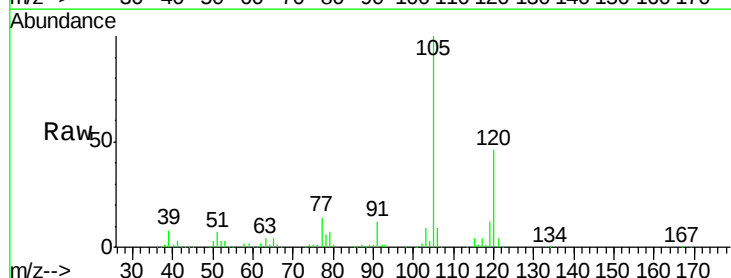
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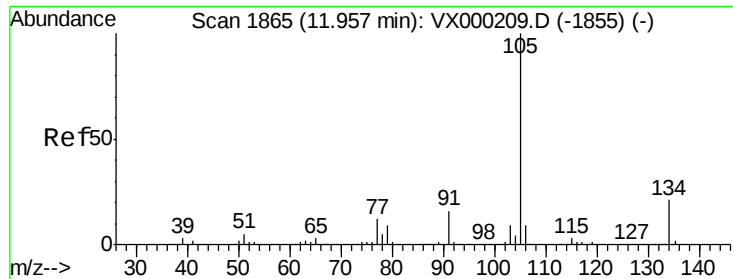
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.48 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	123760		
120	45.3	23.0	69.0	





#85

sec-Butylbenzene

Concen: 20.39 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

ClientSampled :

VX0309MBS01

Tgt Ion:105 Resp: 147452

Ion Ratio Lower Upper

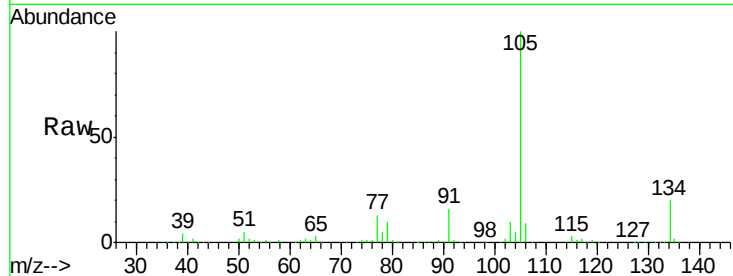
105 100

134 19.5 10.3 30.9

Manual Integrations
APPROVED

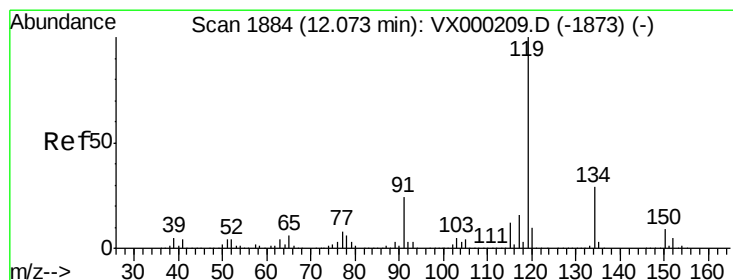
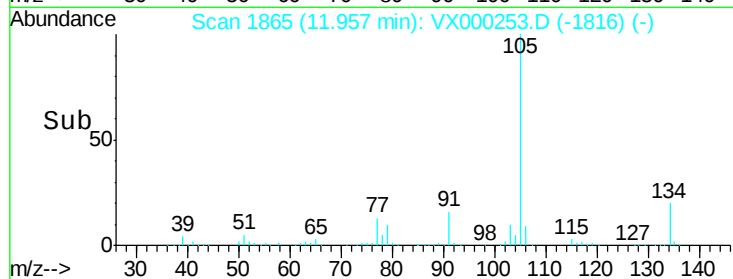
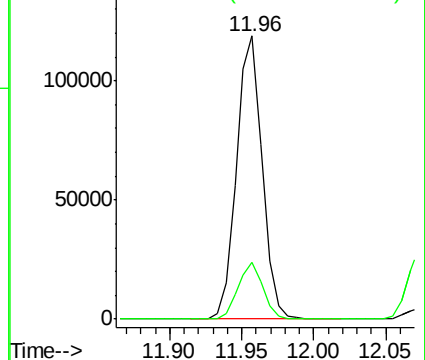
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.48 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

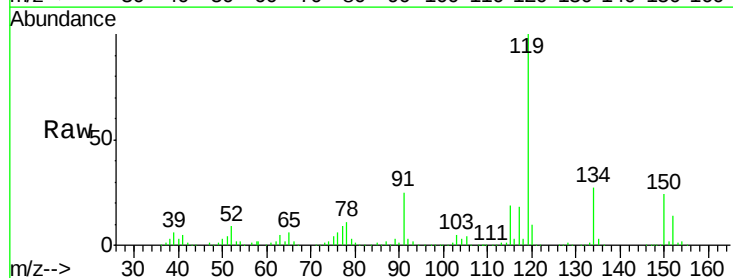
Tgt Ion:119 Resp: 130610

Ion Ratio Lower Upper

119 100

134 26.2 13.8 41.3

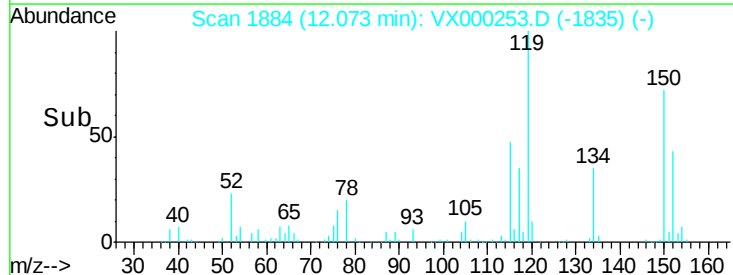
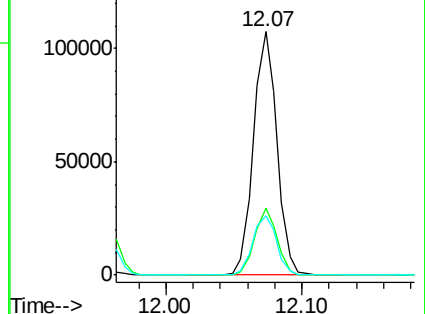
91 24.9 12.0 36.0

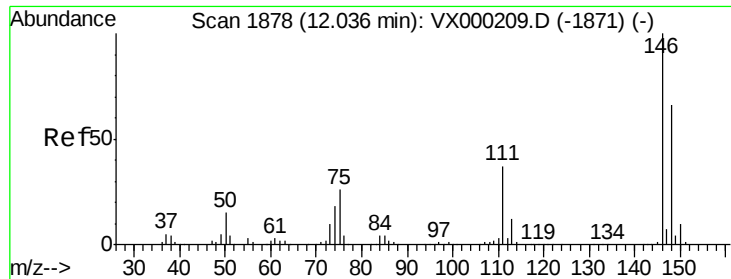


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





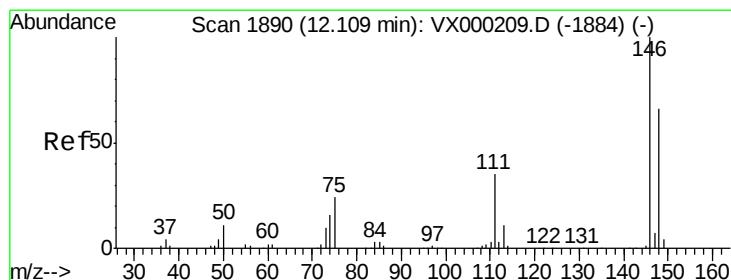
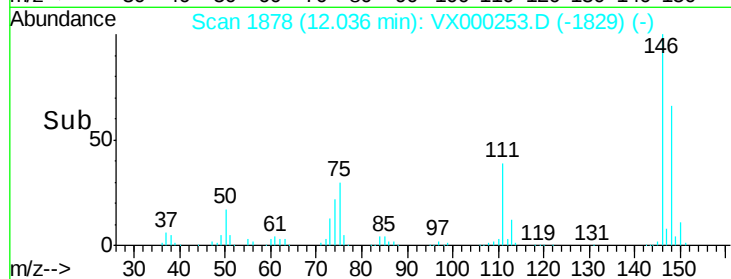
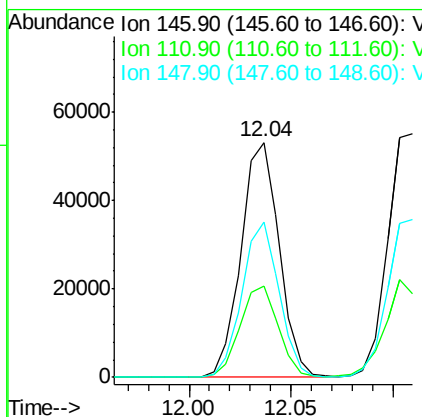
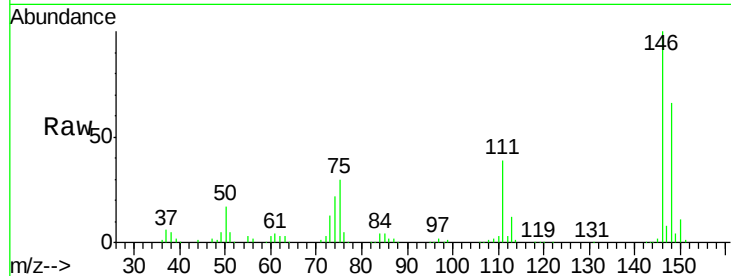
#87
 1,3-Dichlorobenzene
 Concen: 19.98 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309MBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.0	57.0
148	64.4	32.1	96.3

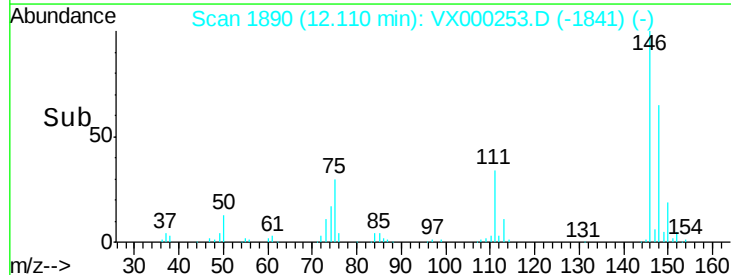
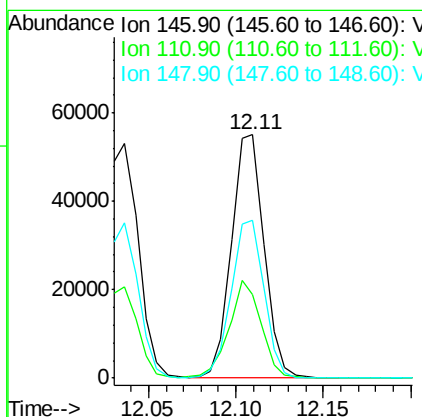
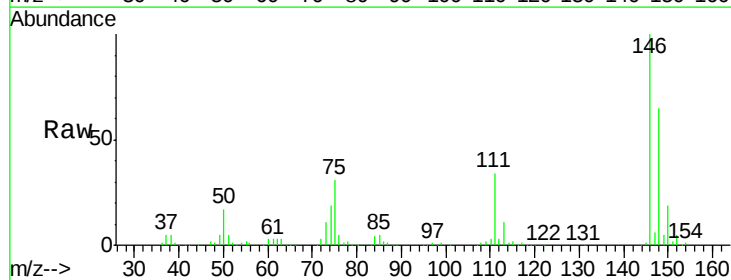
Manual Integrations
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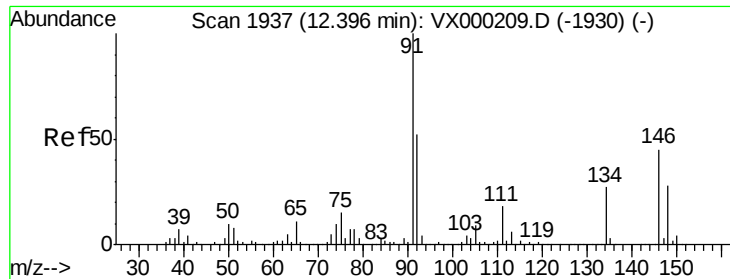
apatel
 3/10/2018 12:55:57 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.74 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.9	56.9
148	65.5	32.6	97.8





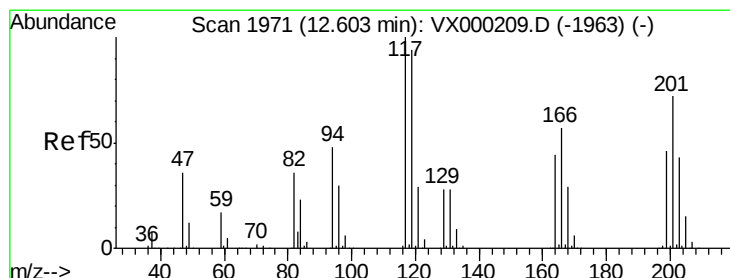
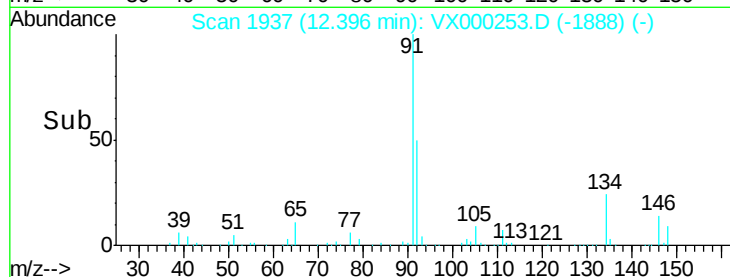
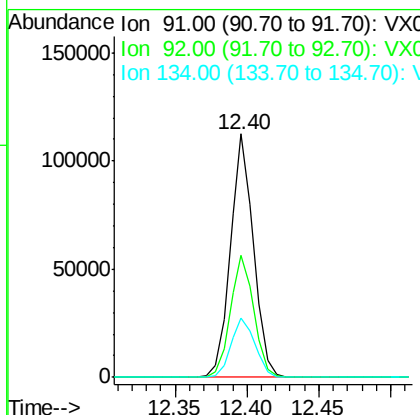
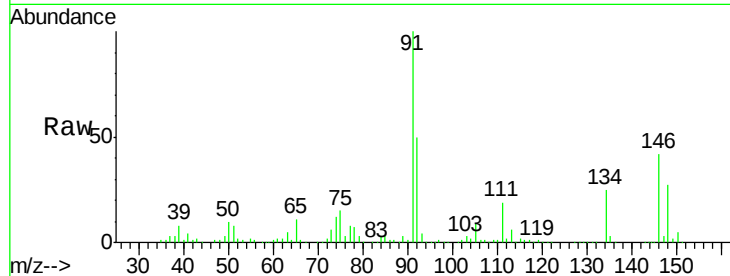
#89
n-Butylbenzene
Concen: 20.62 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.8	77.4
134	25.4	13.5	40.5

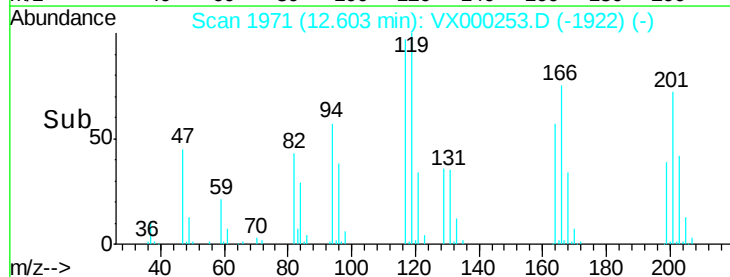
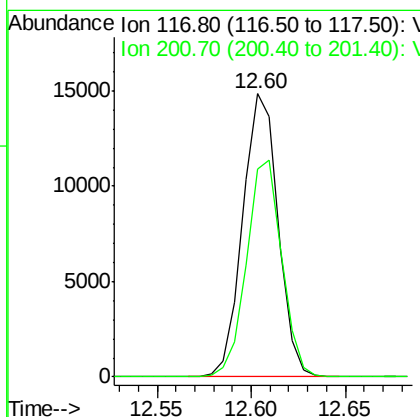
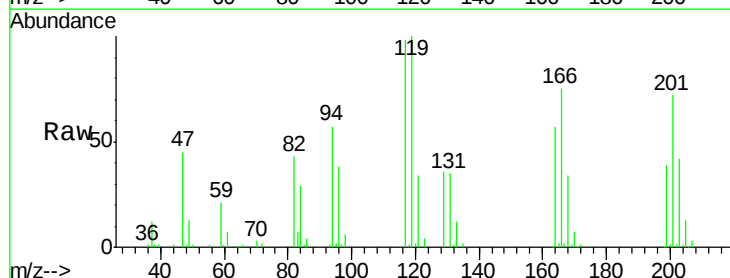
Manual Integrations
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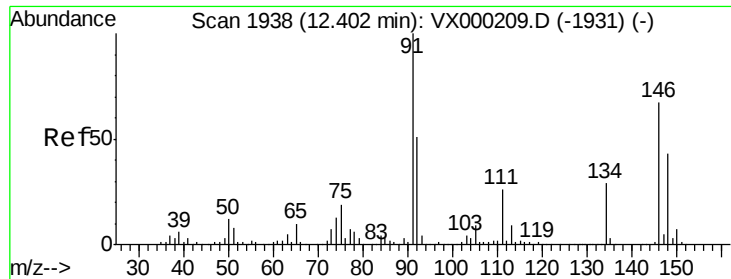
apatel
3/10/2018 12:55:57 PM



#90
Hexachloroethane
Concen: 18.78 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.3	38.2	114.6





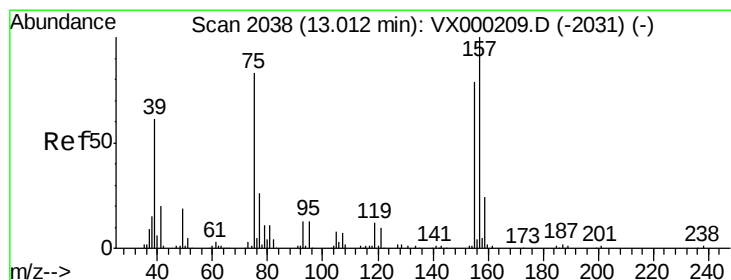
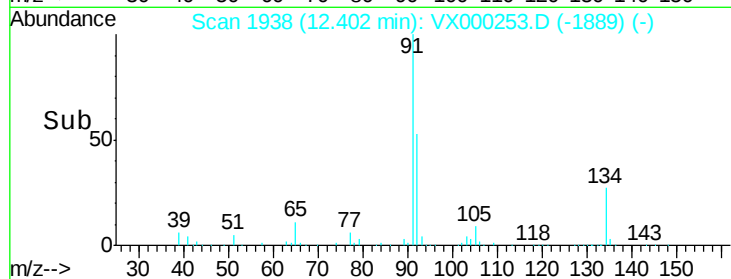
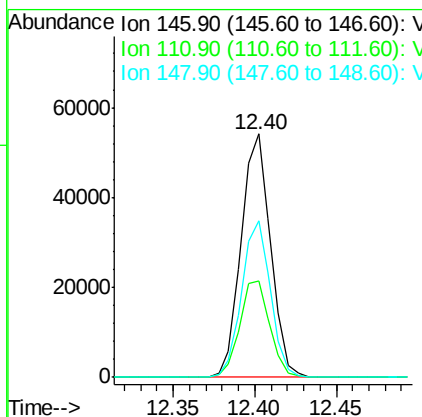
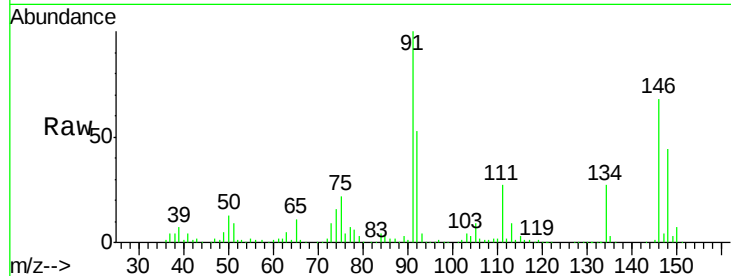
#91
1,2-Dichlorobenzene
Concen: 19.87 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0309MBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.7	59.0
148	63.0	32.0	96.0

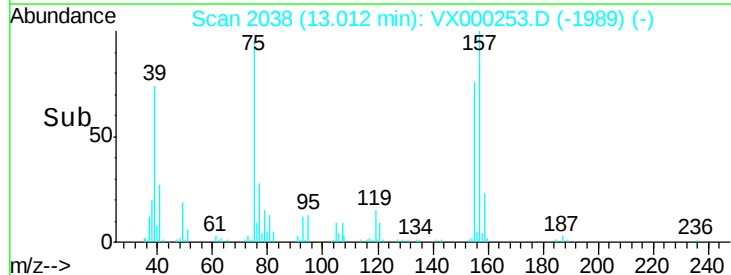
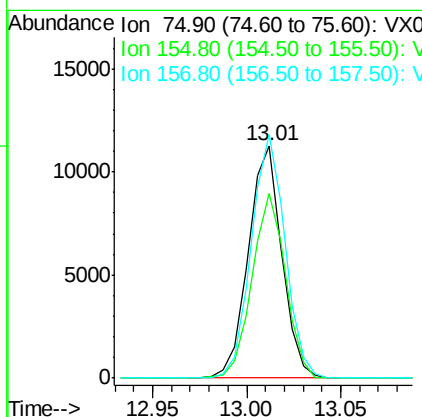
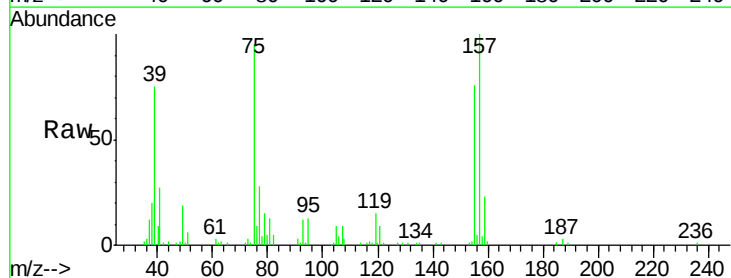
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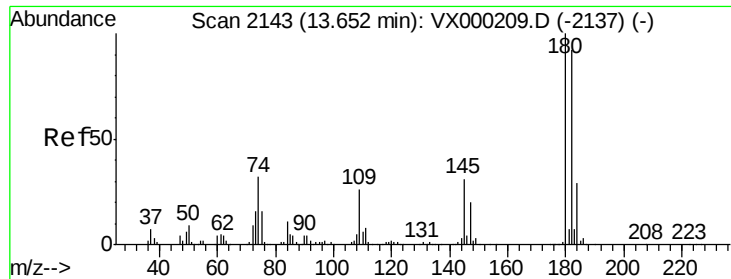
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#92
1,2-Dibromo-3-Chloropropane
Concen: 20.01 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. 0.00 min
Lab File: VX000253.D
Acq: 09 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.0	45.5	136.5
157	105.3	58.6	175.8





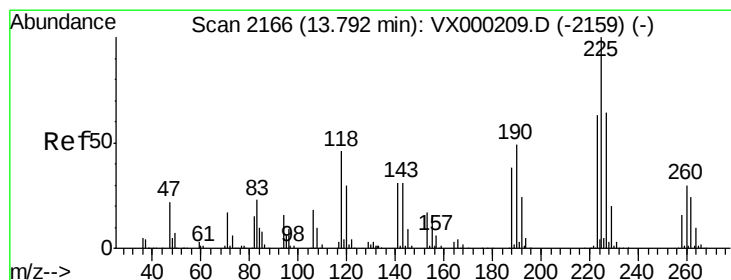
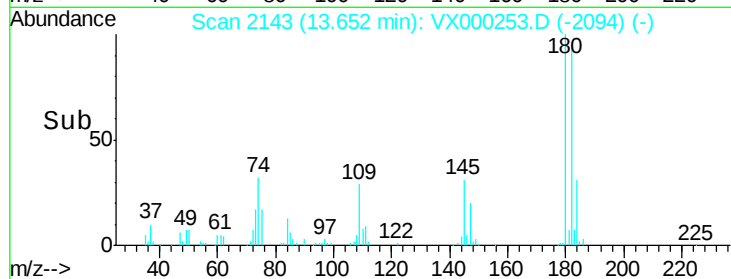
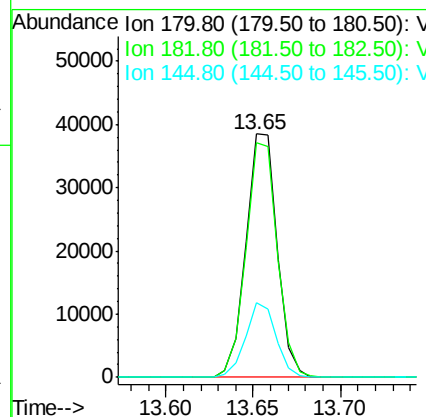
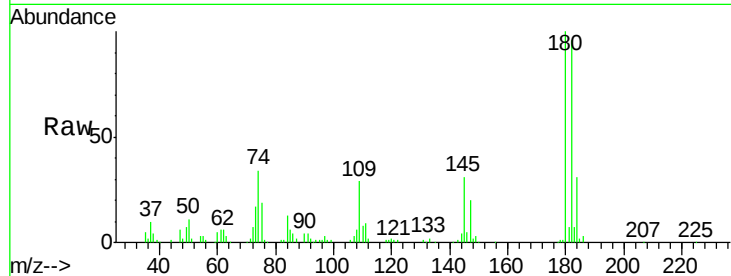
#93
 1,2,4-Trichlorobenzene
 Concen: 19.13 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309MBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.0	141.0
145	30.1	15.3	45.9

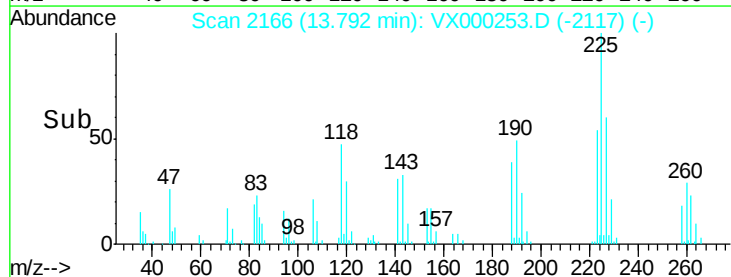
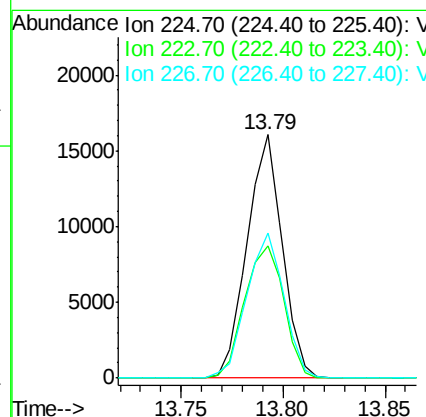
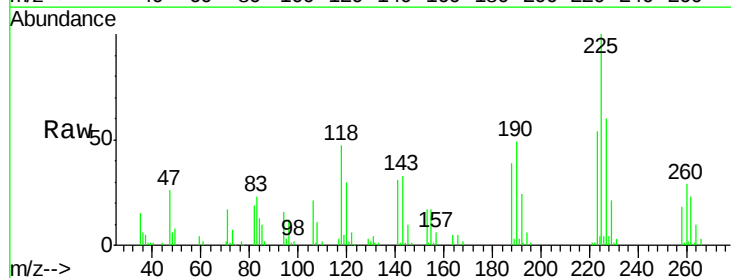
Manual Integrations
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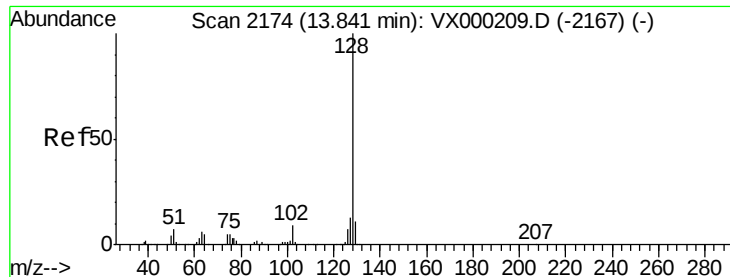
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#94
 Hexachlorobutadiene
 Concen: 18.59 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000253.D
 Acq: 09 Mar 2018 13:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	31.8	95.3
227	62.8	31.9	95.5





#95

Naphthalene

Concen: 20.16 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Instrument :

MSVOA_X

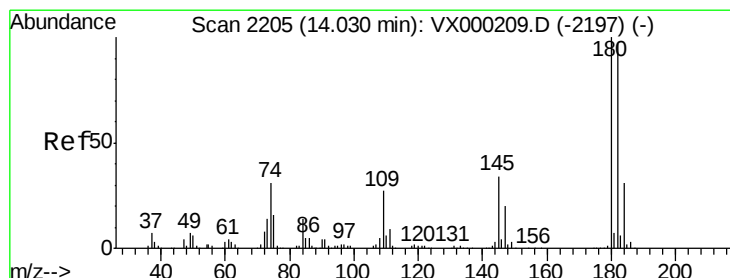
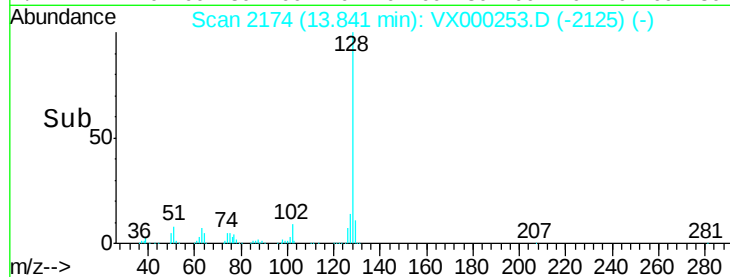
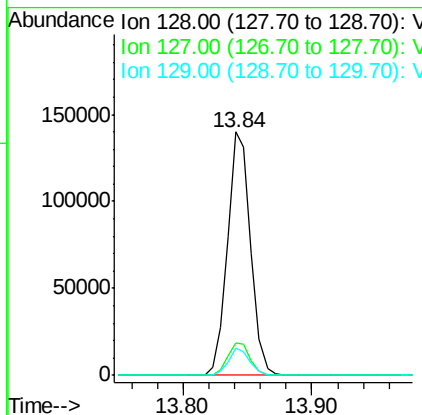
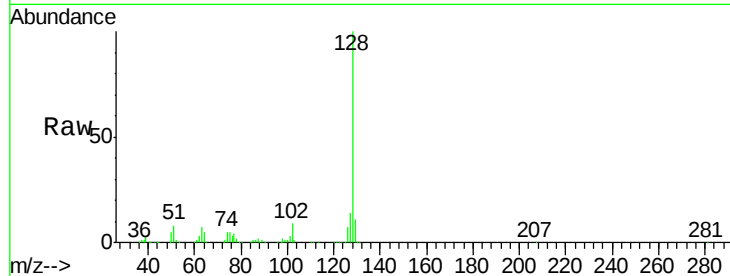
ClientSampleId :

VX0309MBS01

Tgt Ion:	128	Resp:	175281
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.5	15.7
129	10.6	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.43 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000253.D

Acq: 09 Mar 2018 13:58

Tgt Ion:	180	Resp:	47887
Ion Ratio	Lower	Upper	
180	100		
182	97.2	48.0	144.0
145	32.4	16.3	48.8

