

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032018\
 Data File : VX000361.D
 Acq On : 20 Mar 2018 13:32
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

sam
 3/21/2018 11:44:15 AM

Quant Time: Mar 21 10:59:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 12:07:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	127005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	201850	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	187661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95346	50.00	ug/l	0.00

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	1615	1.18	ug/l	95
3) Chloromethane	1.32	50	1840	1.32	ug/l #	86
4) Vinyl Chloride	1.41	62	1841	1.18	ug/l	99
5) Bromomethane	1.65	94	1799	1.03	ug/l	96
6) Chloroethane	1.73	64	1626	1.46	ug/l #	81
7) Trichlorofluoromethane	1.93	101	3190	1.18	ug/l	91
8) Diethyl Ether	2.20	74	1192	1.23	ug/l	65
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1835	1.26	ug/l	94
12) 1,1-Dichloroethene	2.38	96	1561	1.13	ug/l	91
14) Allyl chloride	2.73	41	3403	1.38	ug/l #	90
15) Acrylonitrile	3.15	53	6636	6.05	ug/l	98
16) Acetone	2.45	43	7923	6.75	ug/l	95
17) Carbon Disulfide	2.57	76	5598	1.38	ug/l	100
18) Methyl Acetate	2.78	43	3494	1.33	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	5619	1.15	ug/l	98
20) Methylene Chloride	2.86	84	2019	1.33	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	1728	1.13	ug/l	85
22) Diisopropyl ether	3.89	45	4086	0.99	ug/l #	89
23) Vinyl Acetate	3.84	43	17821	4.54	ug/l #	94
24) 1,1-Dichloroethane	3.71	63	3064	1.18	ug/l #	91
25) 2-Butanone	4.72	43	7889	5.63	ug/l #	86
26) 2,2-Dichloropropane	4.60	77	1572	0.84	ug/l #	71
27) cis-1,2-Dichloroethene	4.61	96	1638	1.17	ug/l	91
28) Bromochloromethane	5.04	49	1091	1.00	ug/l #	98
29) Tetrahydrofuran	5.18	42	5036	5.58	ug/l	95
30) Chloroform	5.23	83	2447	1.00	ug/l	89
31) Cyclohexane	5.59	56	2368	1.19	ug/l	93
32) 1,1,1-Trichloroethane	5.51	97	2403	1.11	ug/l #	49
36) 1,1-Dichloropropene	5.81	75	2128	1.16	ug/l	94
37) Ethyl Acetate	4.87	43	2854	1.17	ug/l #	75
38) Carbon Tetrachloride	5.79	117	2308	1.25	ug/l #	95
39) Methylcyclohexane	7.47	83	2474	1.16	ug/l	93
40) Benzene	6.15	78	6050	1.16	ug/l	91
41) Methacrylonitrile	5.07	41	1605	1.25	ug/l #	30

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Manual Integrations
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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	6.21	62	2494	1.21	ug/l	97
43) Isopropyl Acetate	6.48	43	3987	1.13	ug/l #	96
44) Trichloroethene	7.22	130	1813	1.20	ug/l	76
45) 1,2-Dichloropropane	7.52	63	1393	1.09	ug/l #	52
46) Dibromomethane	7.66	93	1293	1.25	ug/l	94
47) Bromodichloromethane	7.91	83	1857	1.01	ug/l #	92
48) Methyl methacrylate	7.79	41	1923	1.08	ug/l #	75
49) 1,4-Dioxane	7.78	88	847	21.16	ug/l	89
51) 4-Methyl-2-Pentanone	8.66	43	13706	5.02	ug/l	97
52) Toluene	8.79	92	4056	1.11	ug/l	83
53) t-1,3-Dichloropropene	8.44	75	2211	1.05	ug/l #	81
54) cis-1,3-Dichloropropene	9.05	75	1947	0.94	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	1581	1.08	ug/l	95
56) Ethyl methacrylate	9.19	69	2260	1.04	ug/l #	93
57) 1,3-Dichloropropane	9.38	76	2610	1.10	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.32	63	5183	5.19	ug/l	94
59) 2-Hexanone	9.51	43	11323	4.92	ug/l	94
60) Dibromochloromethane	9.59	129	1220	0.79	ug/l	82
61) 1,2-Dibromoethane	9.68	107	1555	0.96	ug/l	90
64) Tetrachloroethene	9.34	164	1739	1.30	ug/l	91
65) Chlorobenzene	10.15	112	4594	1.20	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.23	131	1420	1.10	ug/l #	62
67) Ethyl Benzene	10.26	91	7361	1.13	ug/l	92
68) m/p-Xylenes	10.37	106	5296	2.09	ug/l	97
69) o-Xylene	10.71	106	2655	1.08	ug/l	92
70) Styrene	10.72	104	3978	0.97	ug/l	98
71) Bromoform	10.87	173	1013	0.90	ug/l #	88
73) Isopropylbenzene	11.02	105	6356	1.11	ug/l	94
74) N-amyl acetate	6.48	43	3987	1.45	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	2211	1.08	ug/l	87
76) 1,2,3-Trichloropropane	11.30	75	2301m	1.20	ug/l	
77) Bromobenzene	11.26	156	1990	1.32	ug/l	92
78) n-propylbenzene	11.37	91	8392	1.21	ug/l	98
79) 2-Chlorotoluene	11.43	91	4919	1.25	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	5157	1.05	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.08	75	533	0.95	ug/l #	66
82) 4-Chlorotoluene	11.52	91	5567	1.15	ug/l	99
83) tert-Butylbenzene	11.78	119	5386	1.13	ug/l	94
84) 1,2,4-Trimethylbenzene	11.82	105	5830	1.16	ug/l	94
85) sec-Butylbenzene	11.96	105	6623	1.11	ug/l	100
86) p-Isopropyltoluene	12.07	119	5505	1.04	ug/l	85
87) 1,3-Dichlorobenzene	12.04	146	3638	1.23	ug/l	94
88) 1,4-Dichlorobenzene	12.10	146	3986m	1.30	ug/l	
89) n-Butylbenzene	12.40	91	5604	1.08	ug/l	95
90) Hexachloroethane	12.60	117	855	1.00	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	3068	1.07	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	13.01	75	681	1.23	ug/l	83
93) 1,2,4-Trichlorobenzene	13.66	180	2548	1.23	ug/l	96
94) Hexachlorobutadiene	13.79	225	981	1.20	ug/l	84
95) Naphthalene	13.84	128	7894	1.10	ug/l #	93

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MSVOA_X
ClientSampleId :
VSTDICC001

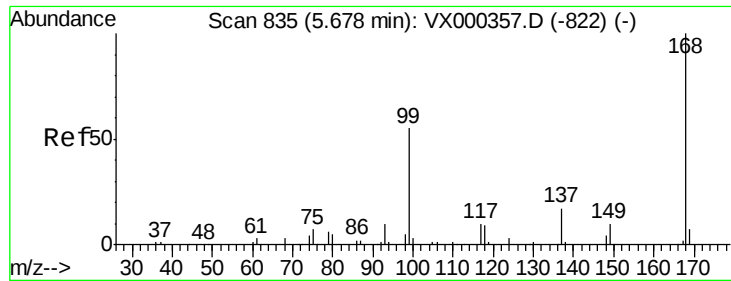
Manual Integrations
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3/21/2018 11:44:15 AM

Quant Time: Mar 21 10:59:37 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.03	180	2366	1.13	ug/l	92

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



#1

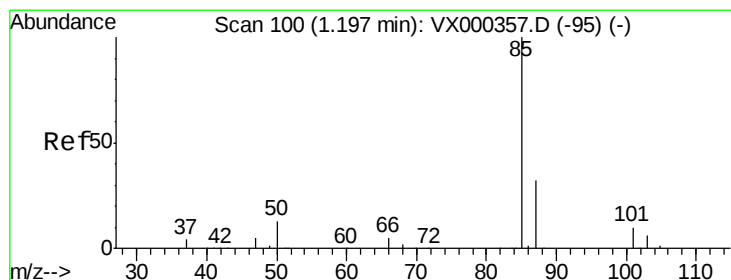
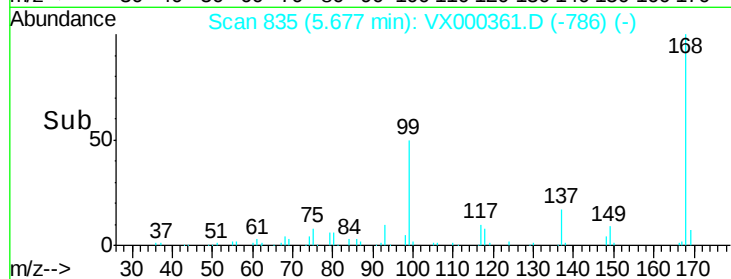
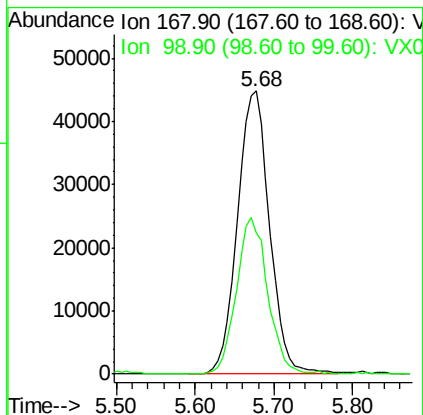
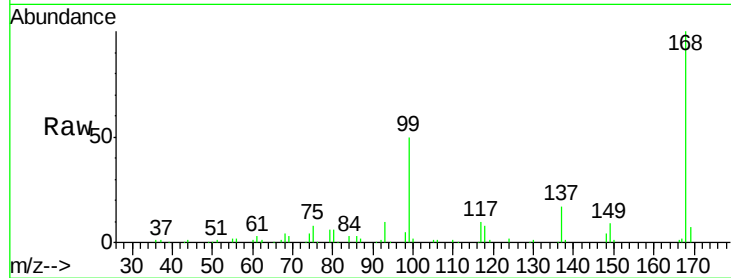
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.0	45.8	68.6

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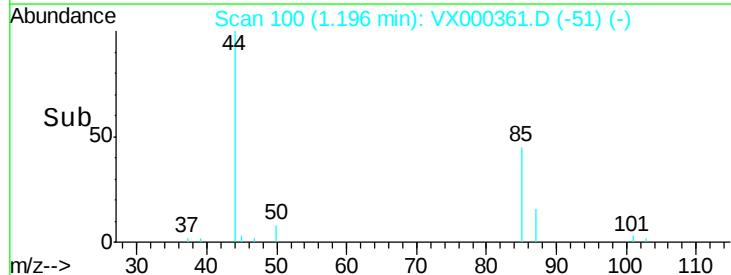
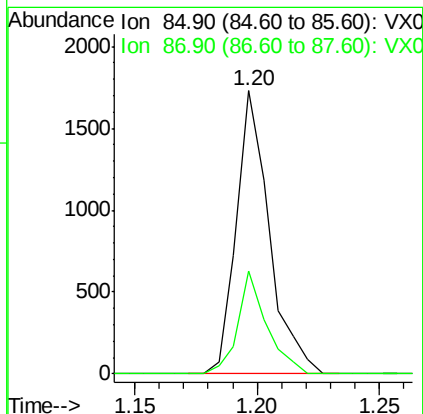
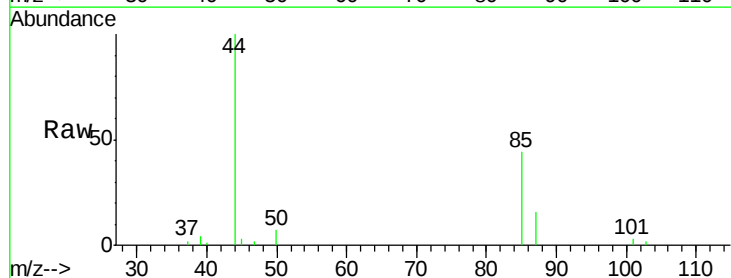
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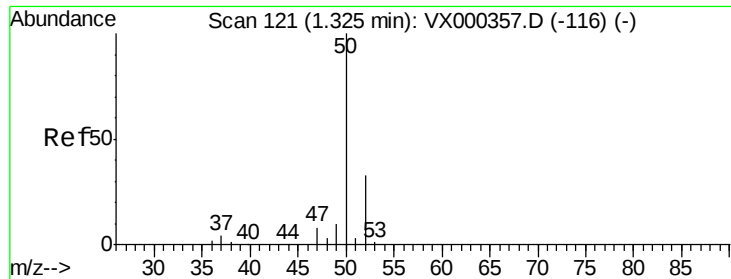


#2

Dichlorodifluoromethane
Concen: 1.18 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion	Ratio	Lower	Upper
85	100		
87	36.2	16.8	50.3





#3

Chloromethane

Concen: 1.32 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 1840

Ion Ratio Lower Upper

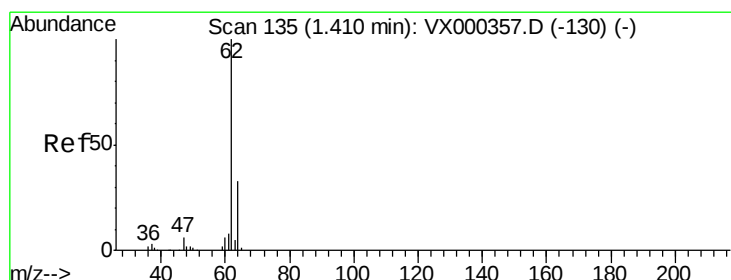
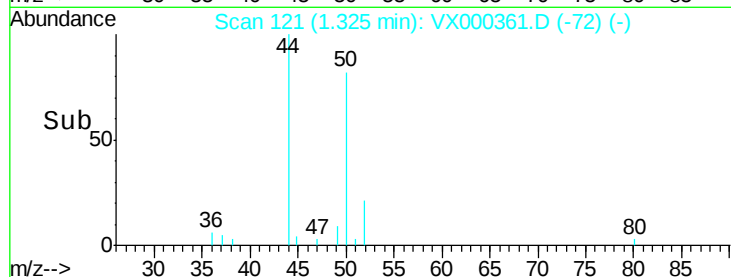
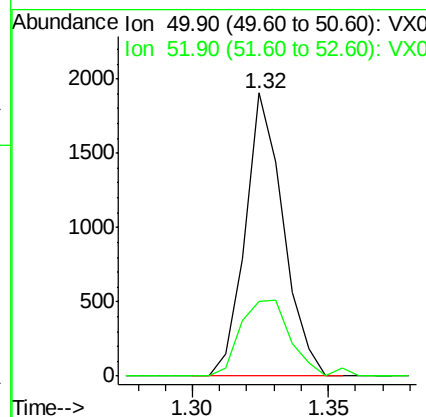
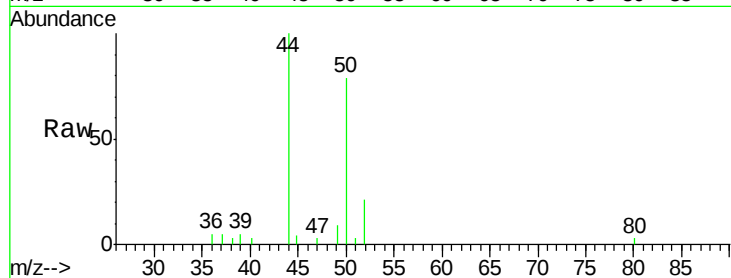
50 100

52 26.2 27.5 41.3#

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#4

Vinyl Chloride

Concen: 1.18 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000361.D

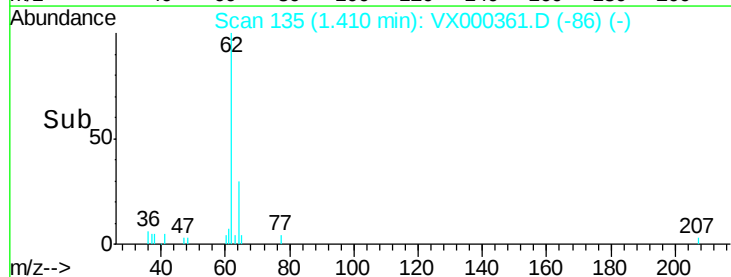
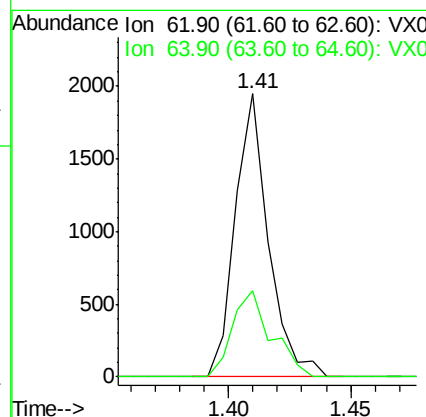
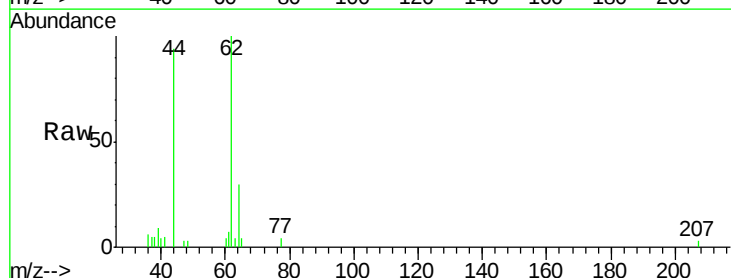
Acq: 20 Mar 2018 13:32

Tgt Ion: 62 Resp: 1841

Ion Ratio Lower Upper

62 100

64 30.3 24.8 37.2





#5

Bromomethane

Concen: 1.03 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 1799

Ion Ratio Lower Upper

94 100

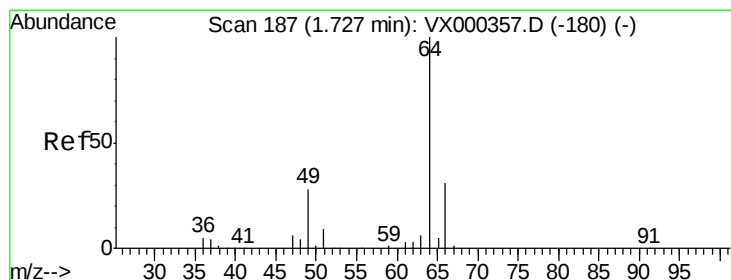
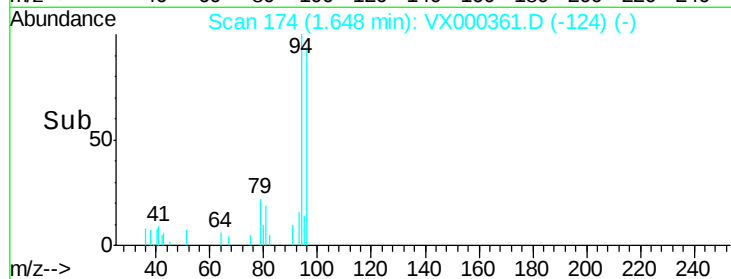
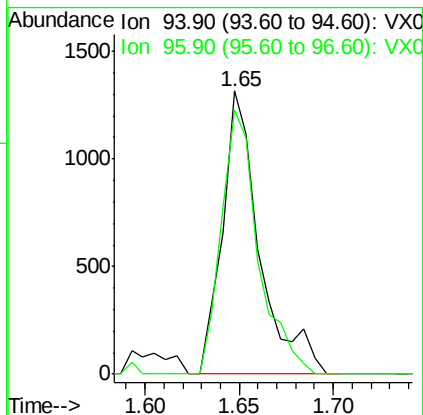
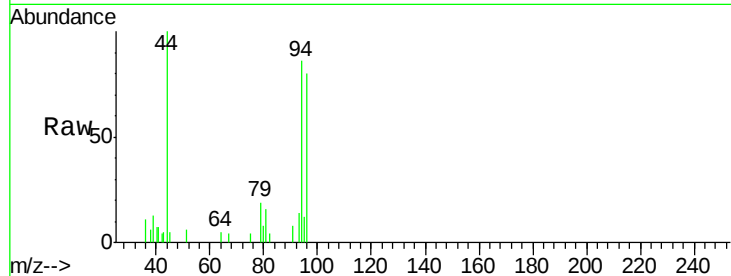
96 93.5 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 1.46 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000361.D

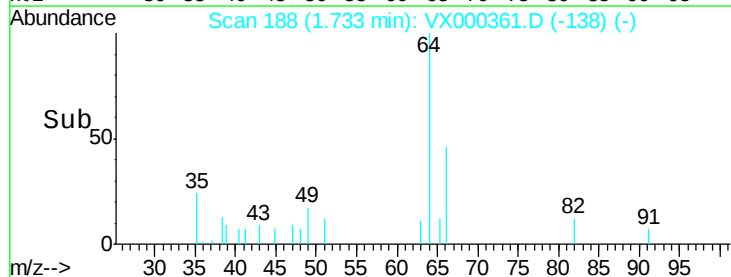
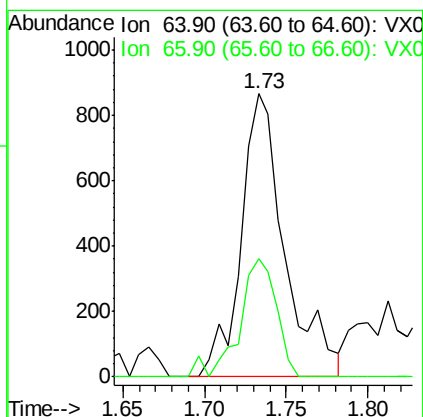
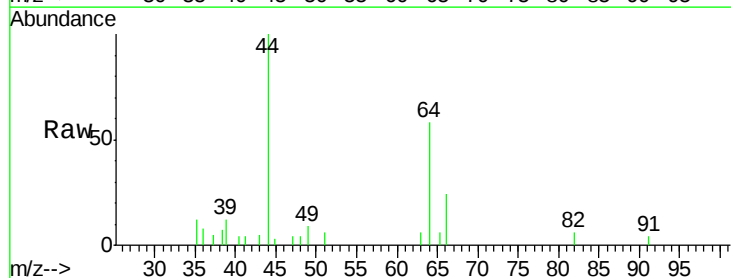
Acq: 20 Mar 2018 13:32

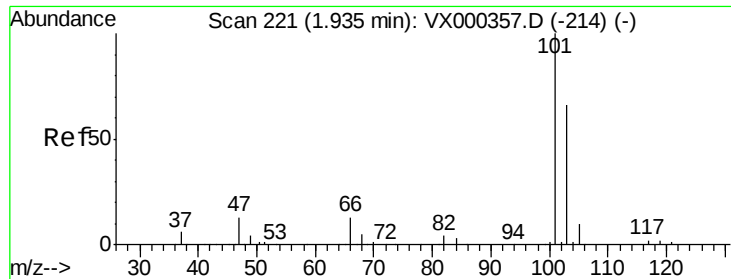
Tgt Ion: 64 Resp: 1626

Ion Ratio Lower Upper

64 100

66 41.6 24.8 37.2#





#7

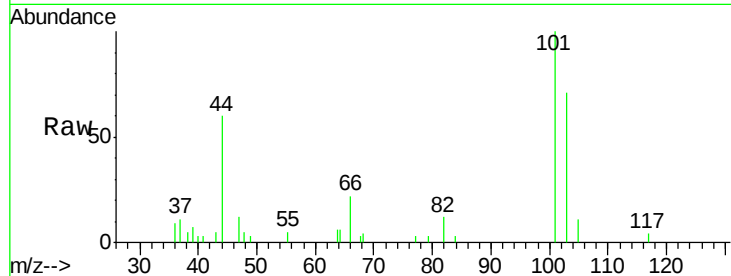
Trichlorofluoromethane
Concen: 1.18 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Instrument :
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ClientSampleId :
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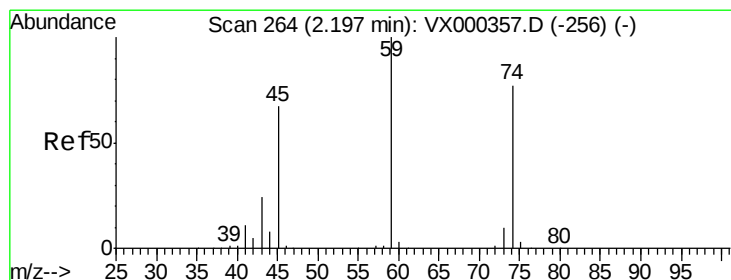
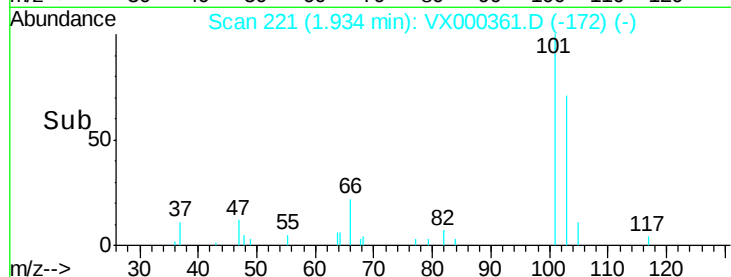
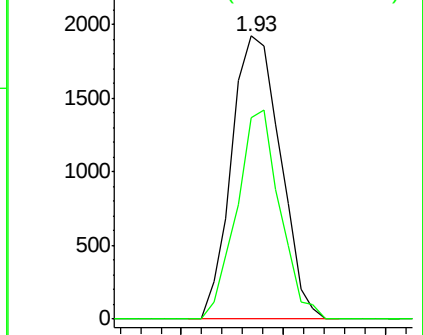
Tot Ion:101 Resp: 3190
Ion Ratio Lower Upper
101 100
103 71.2 51.6 77.4

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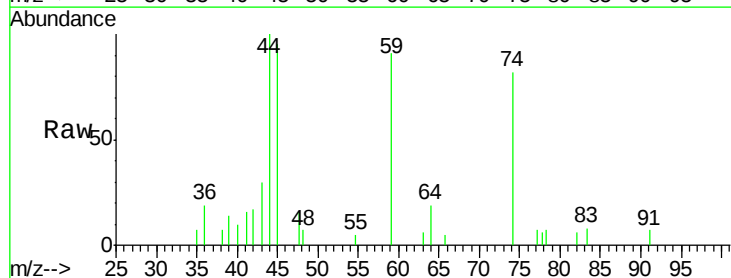
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



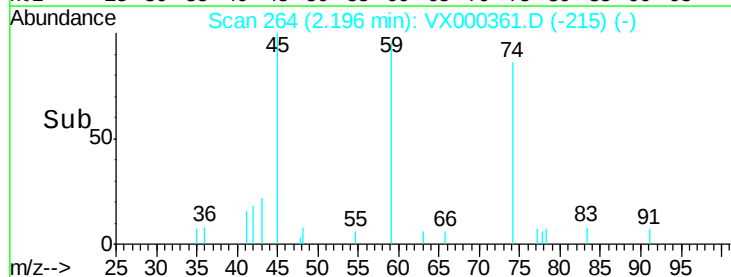
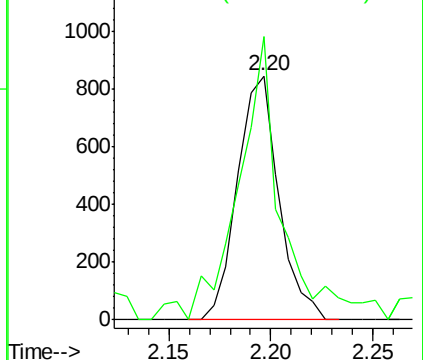
#8

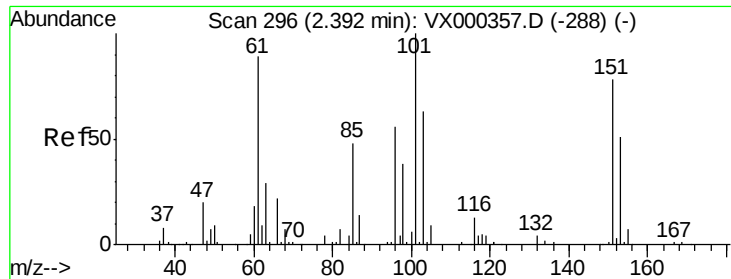
Diethyl Ether
Concen: 1.23 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion: 74 Resp: 1192
Ion Ratio Lower Upper
74 100
45 123.6 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.26 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

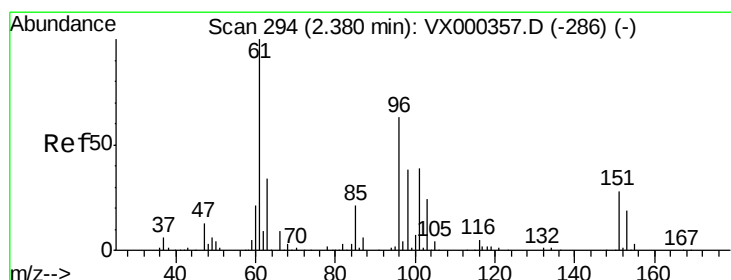
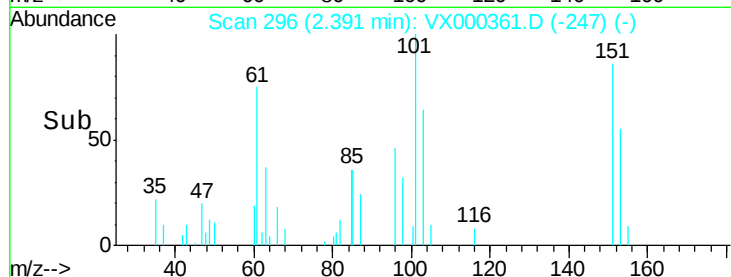
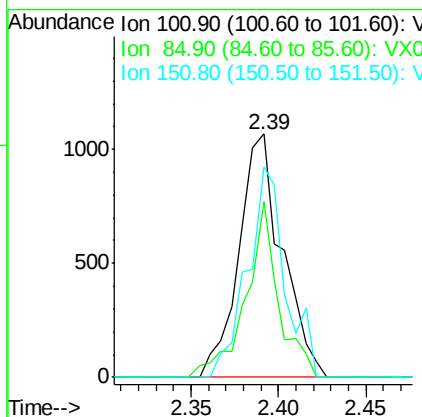
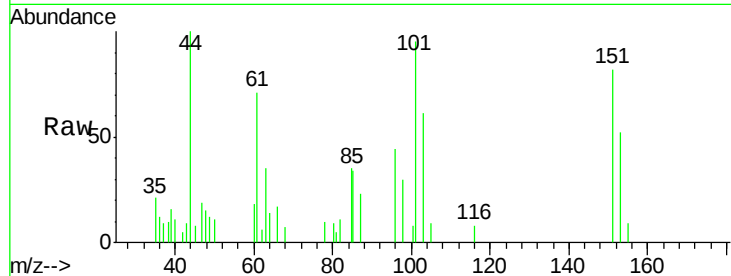
ClientSampled :

VSTDIC001

Tot Ion:	101	Resp:	1835
Ion Ratio	Lower	Upper	
101	100		
85	54.2	37.6	56.4
151	76.1	62.6	93.8

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#12

1,1-Dichloroethene

Concen: 1.13 ug/l

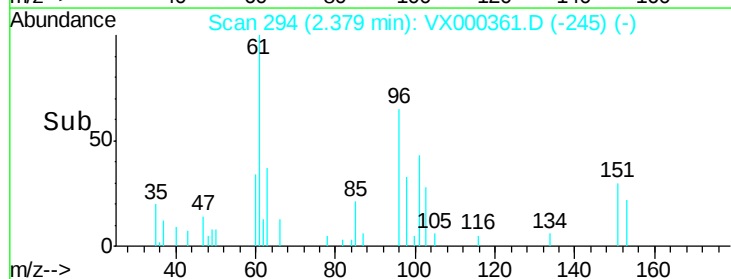
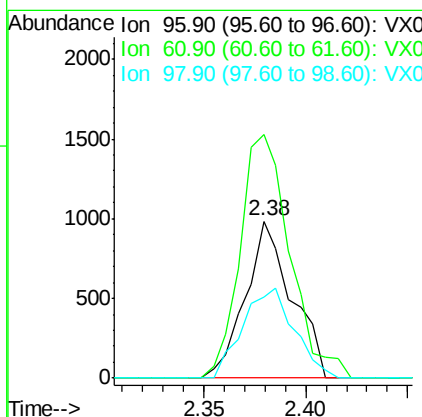
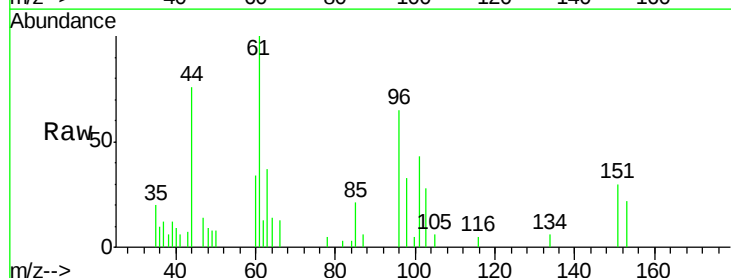
RT: 2.38 min Scan# 294

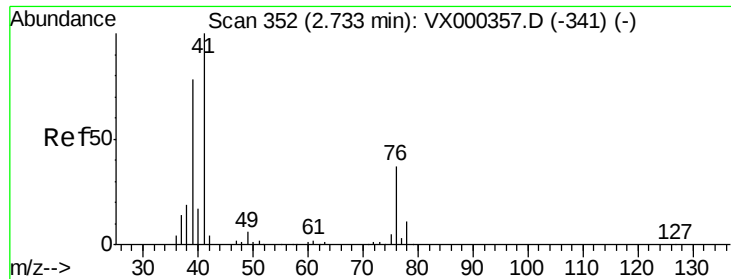
Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Tgt Ion:	96	Resp:	1561
Ion Ratio	Lower	Upper	
96	100		
61	155.0	131.2	196.8
98	51.7	49.8	74.8





#14

Allvl chloride

Concen: 1.38 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

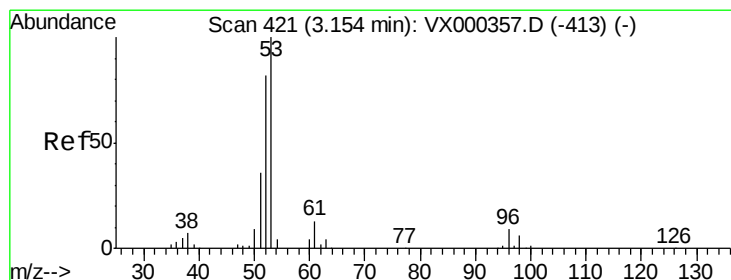
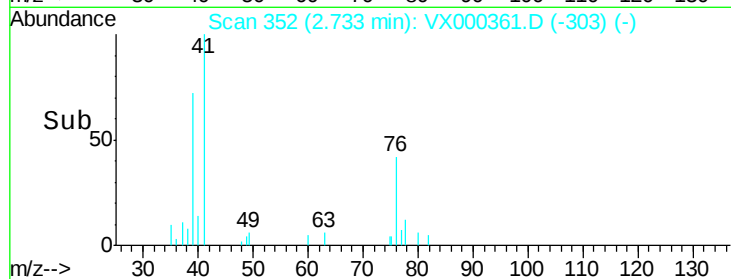
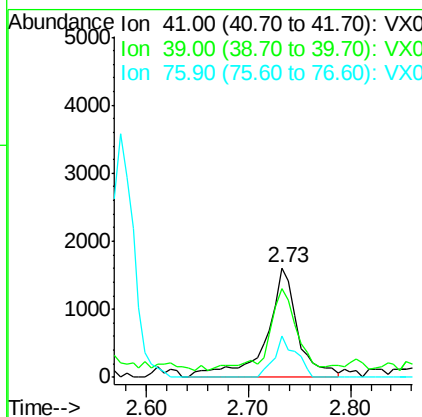
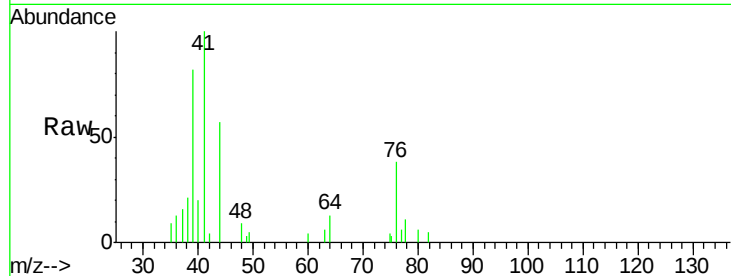
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	3403
Ion	Ratio	Lower	Upper
41	100		
39	65.7	57.6	86.4
76	26.2	27.3	40.9#

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#15

Acrylonitrile

Concen: 6.05 ug/l

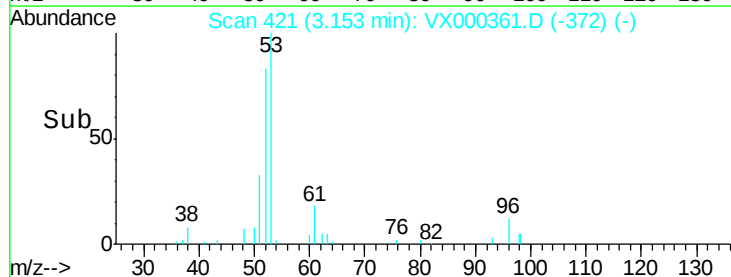
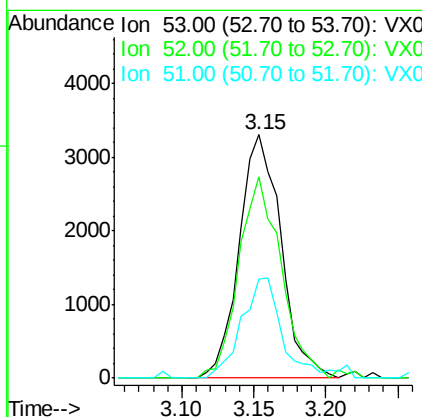
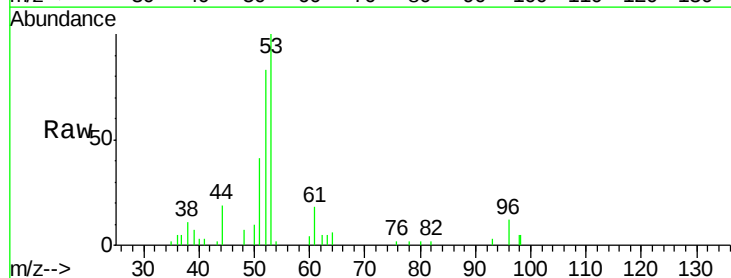
RT: 3.15 min Scan# 421

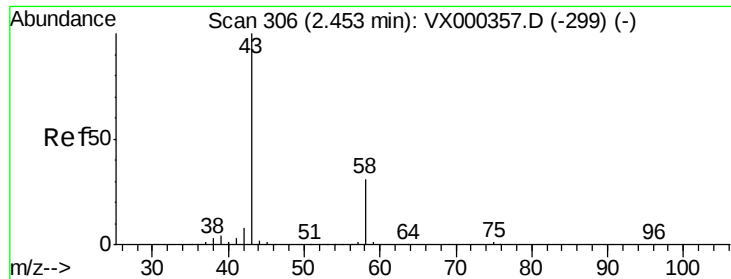
Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Tgt Ion:	53	Resp:	6636
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.6	99.8
51	40.1	29.3	43.9





#16

Acetone

Concen: 6.75 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Tot Ion: 43 Resp: 7923

Ion Ratio Lower Upper

43 100

58 28.4 24.7 37.1

Instrument :

MSVOA_X

ClientSampleId :

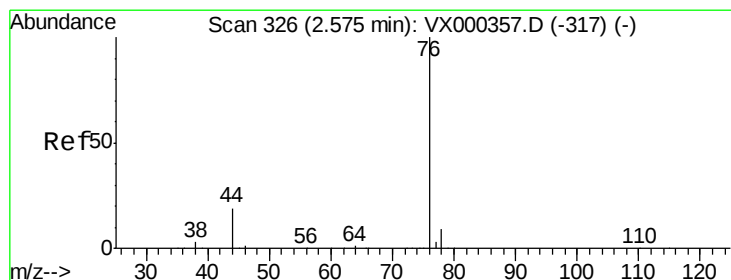
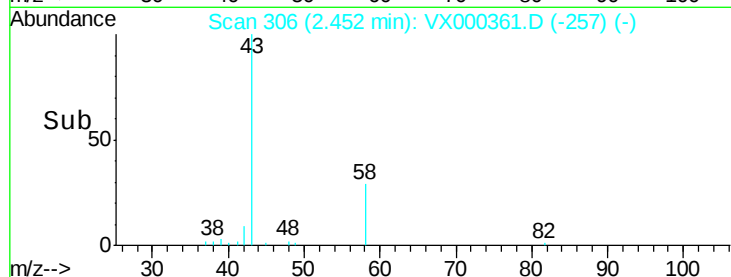
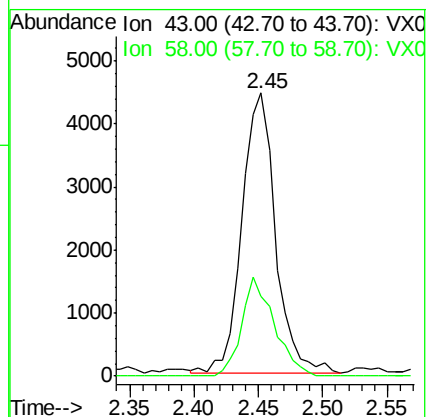
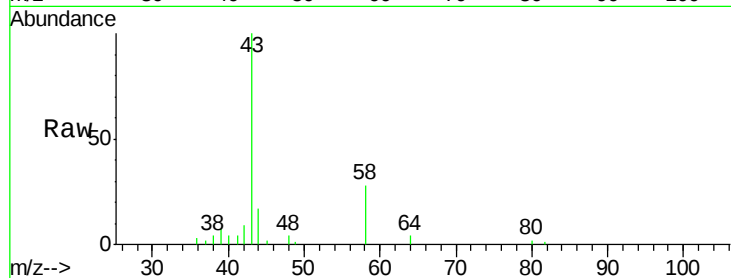
VSTDIC001

Manual Integrations

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#17

Carbon Disulfide

Concen: 1.38 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000361.D

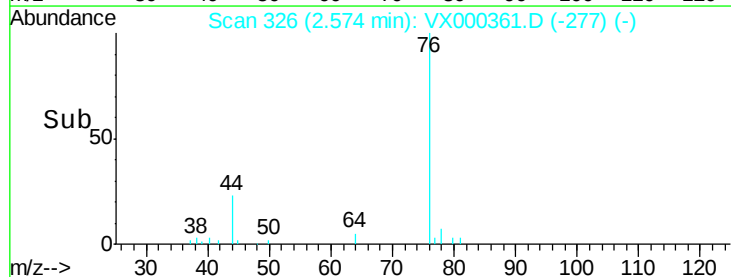
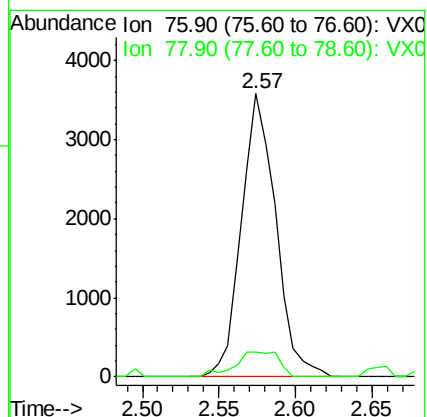
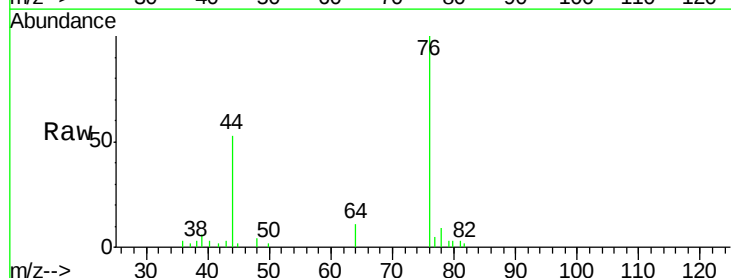
Acq: 20 Mar 2018 13:32

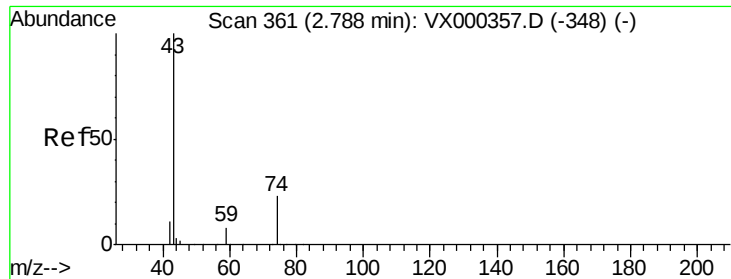
Tgt Ion: 76 Resp: 5598

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6





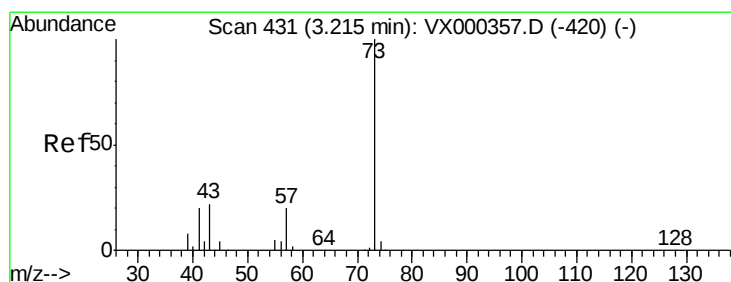
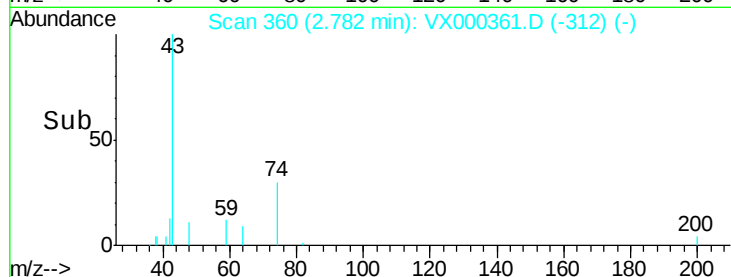
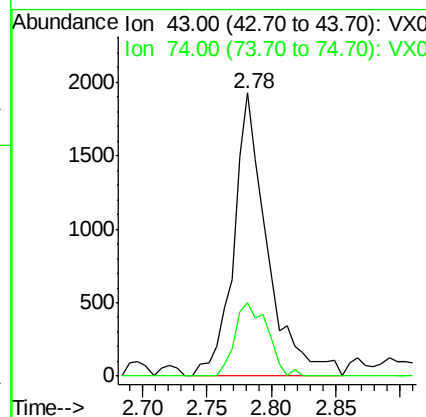
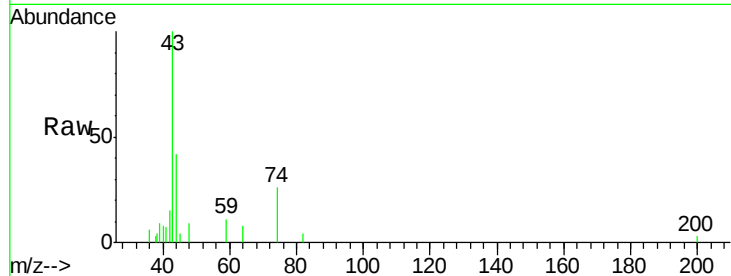
#18
Methyl Acetate
Concen: 1.33 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	43	Resp	3494
Ion Ratio	Lower	Upper	
43	100		
74	25.2	19.4	29.2

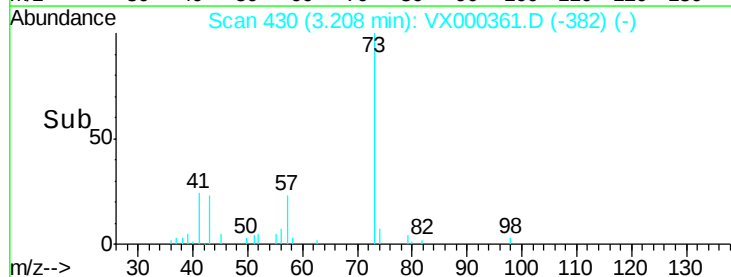
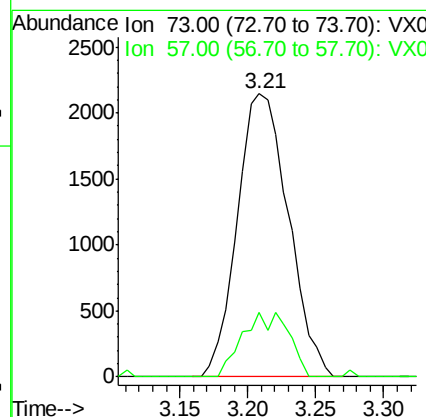
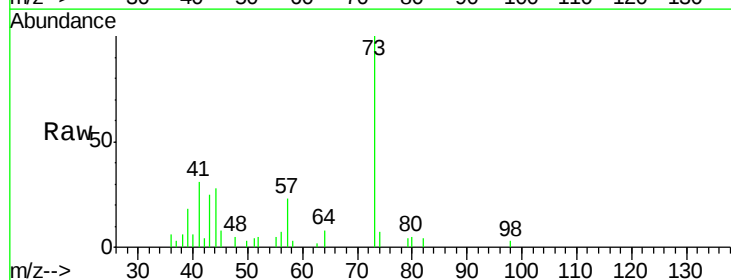
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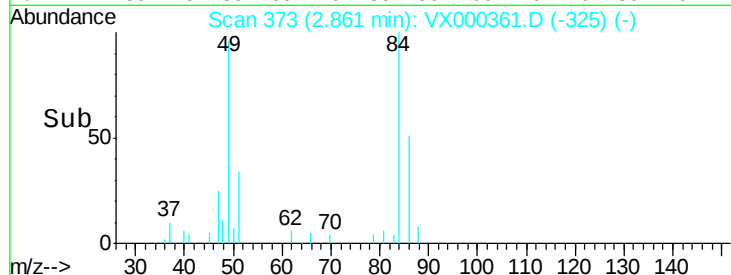
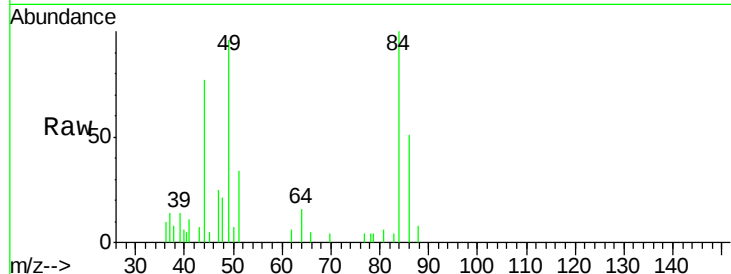
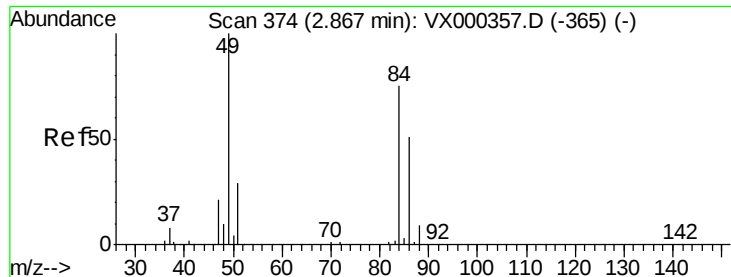
sam
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#19
Methyl tert-butyl Ether
Concen: 1.15 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion	73	Resp	5619
Ion Ratio	Lower	Upper	
73	100		
57	22.6	17.2	25.8





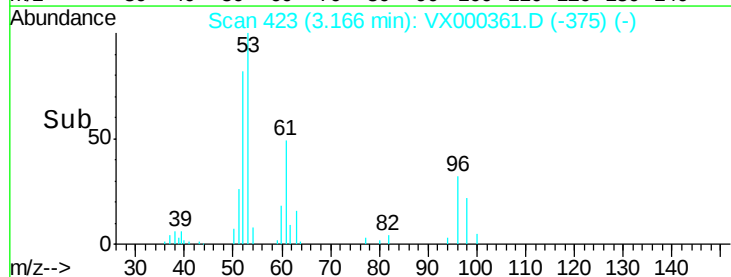
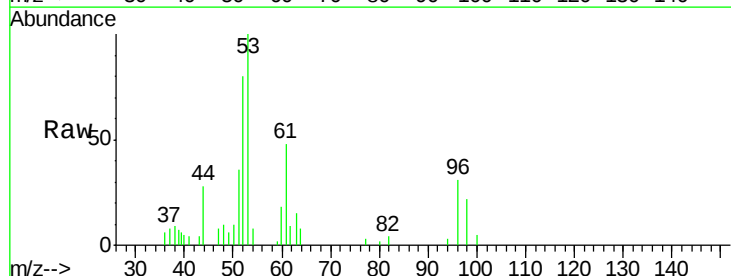
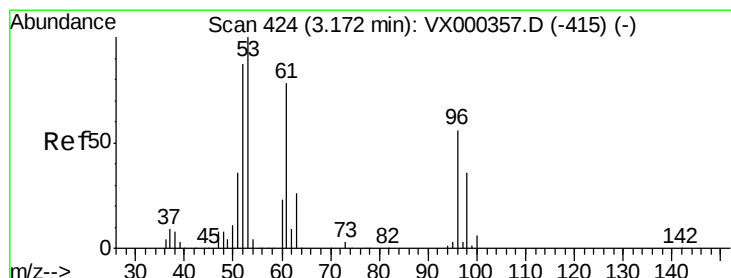
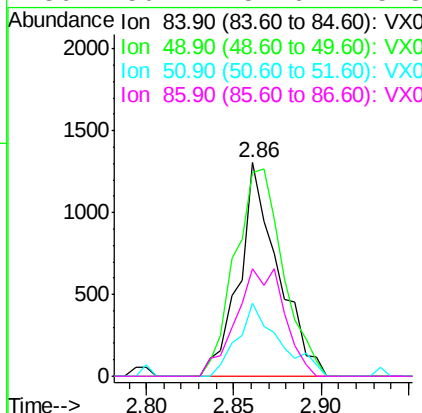
#20
Methvlene Chloride
Concen: 1.33 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tot Ion: 84 Resp: 2019
Ion Ratio Lower Upper
84 100
49 95.6 100.6 151.0#
51 34.4 31.6 47.4
86 50.7 52.6 78.8#

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

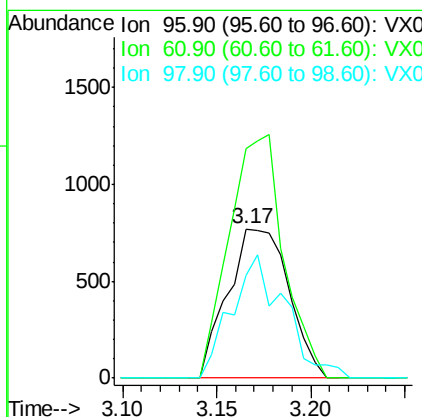
Manual Integrations
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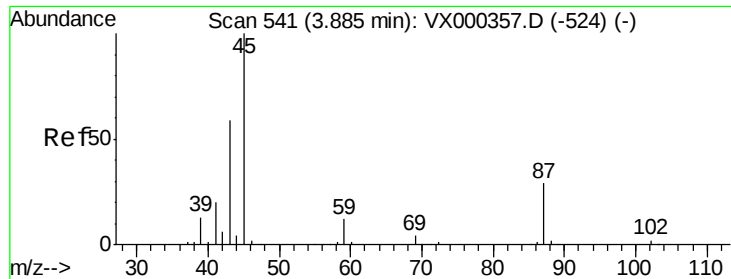
sam
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#21
trans-1,2-Dichloroethene
Concen: 1.13 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion: 96 Resp: 1728
Ion Ratio Lower Upper
96 100
61 153.7 104.0 156.0
98 69.3 52.1 78.1





#22

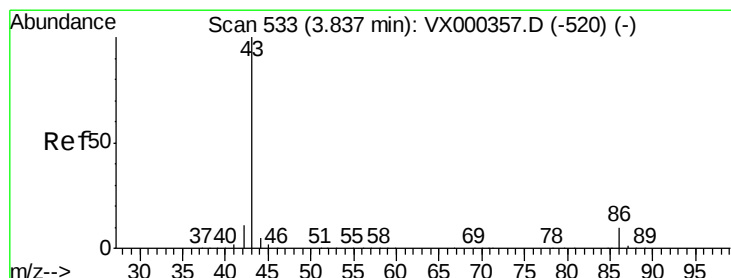
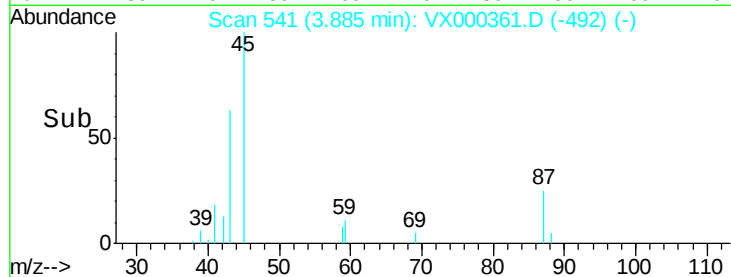
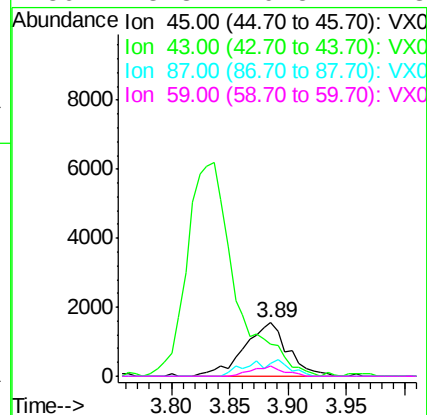
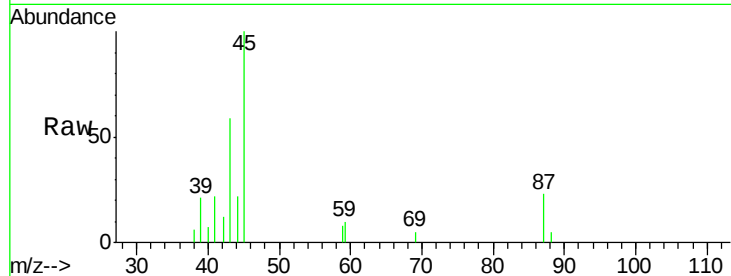
Diisopropyl ether
 Concen: 0.99 ug/l
 RT: 3.89 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
45	100		
43	59.2	53.9	80.9
87	23.3	22.6	34.0
59	18.3	9.5	14.3

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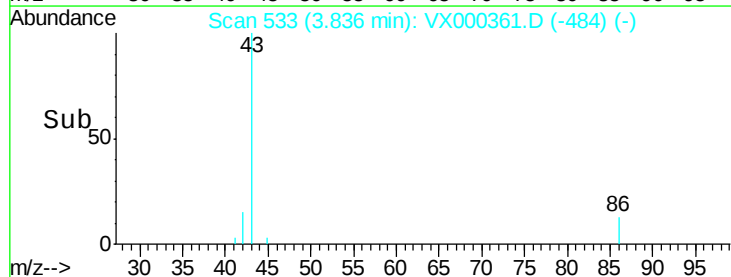
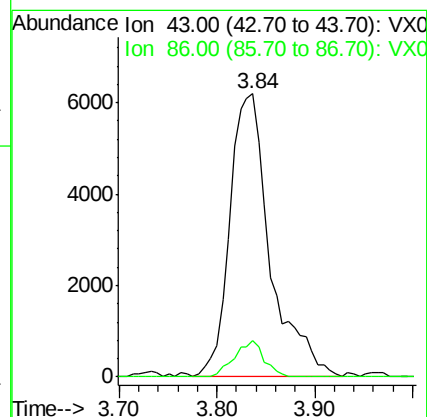
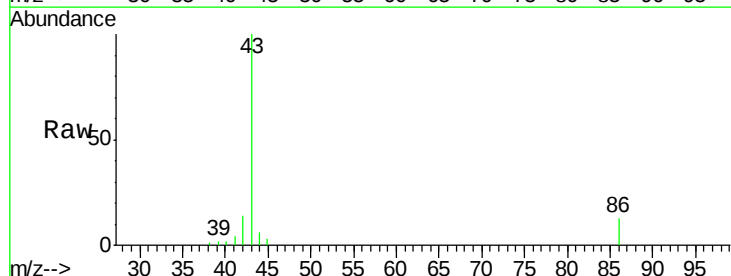
sam
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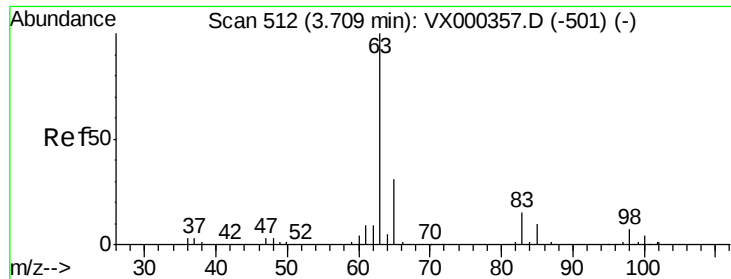


#23

Vinyl Acetate
 Concen: 4.54 ug/l
 RT: 3.84 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Tgt Ion	Ratio	Lower	Upper
43	100		
86	12.9	8.6	12.8





#24

1,1-Dichloroethane

Concen: 1.18 ug/l

RT: 3.71 min Scan# 512

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

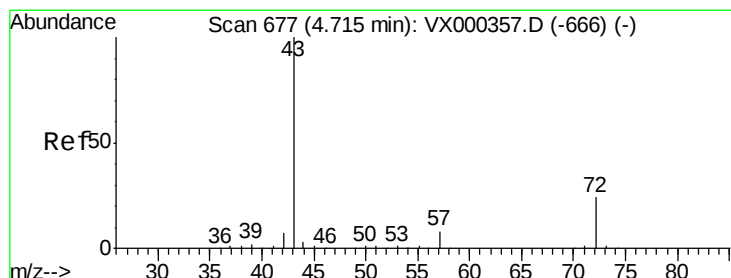
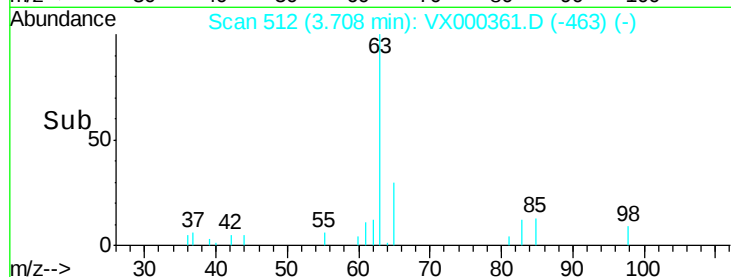
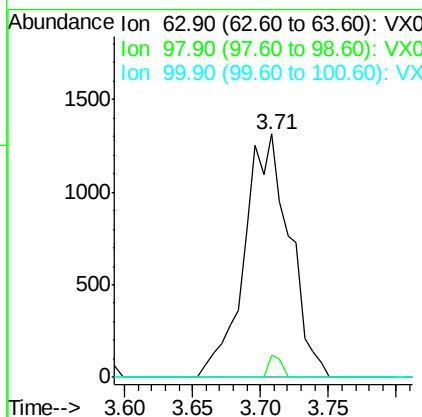
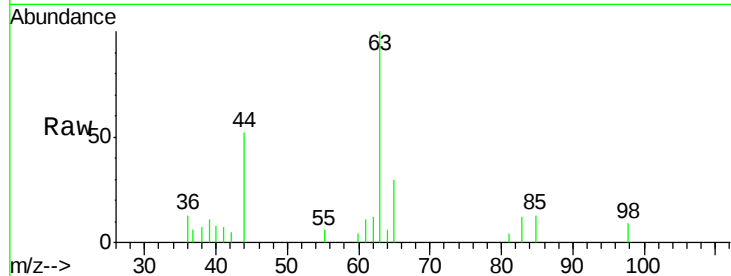
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	3064
Ion	Ratio	Lower	Upper
63	100		
98	8.9	3.3	9.9
100	0.0	2.0	5.8#

Manual Integrations
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sam
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#25

2-Butanone

Concen: 5.63 ug/l

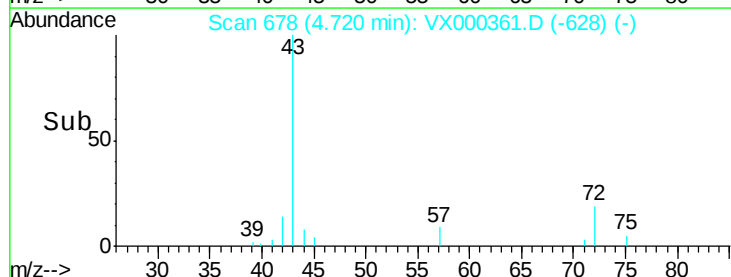
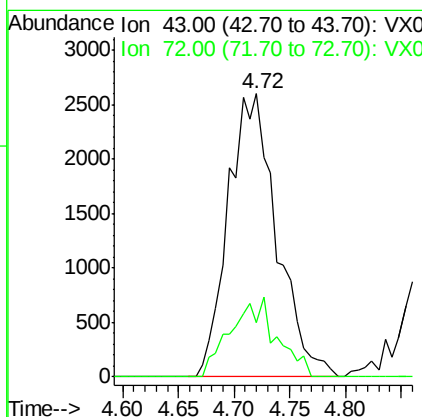
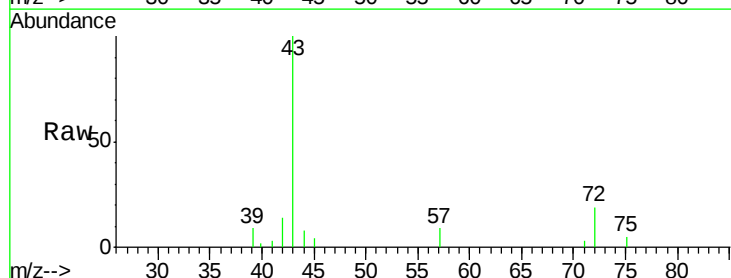
RT: 4.72 min Scan# 678

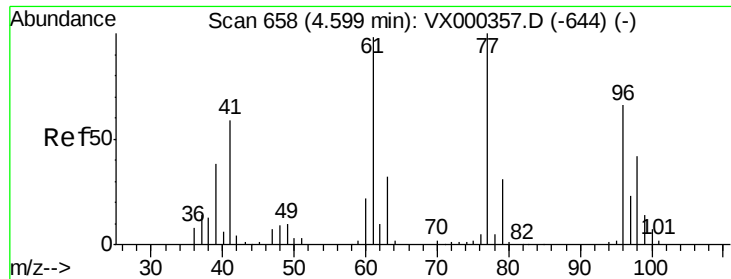
Delta R.T. 0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Tgt Ion:	43	Resp:	7889
Ion	Ratio	Lower	Upper
43	100		
72	19.1	21.0	31.6#





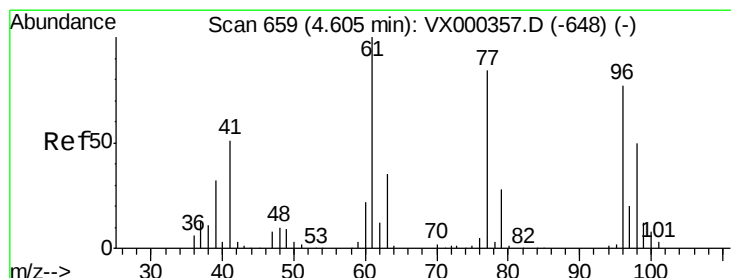
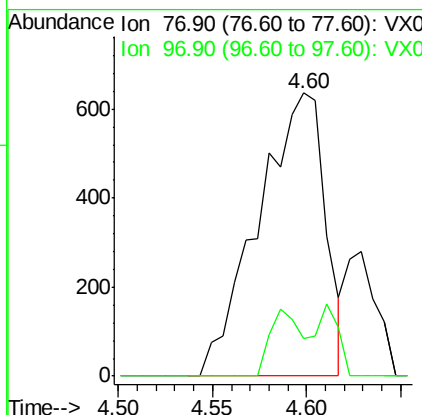
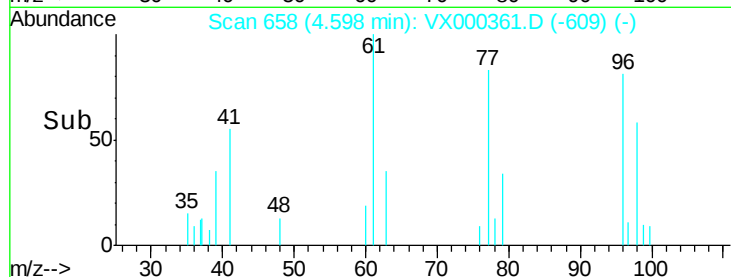
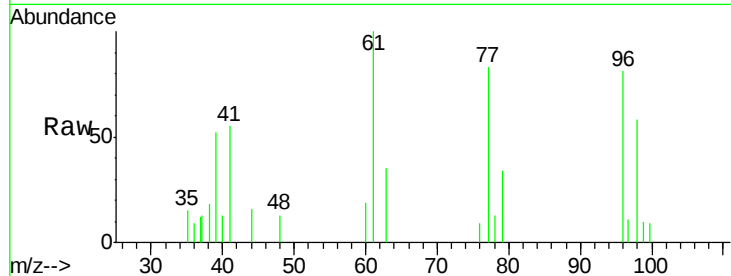
#26
 2,2-Dichloropropane
 Concen: 0.84 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion: 77 Resp: 1572
 Ion Ratio Lower Upper
 77 100
 97 8.5 11.3 33.8#

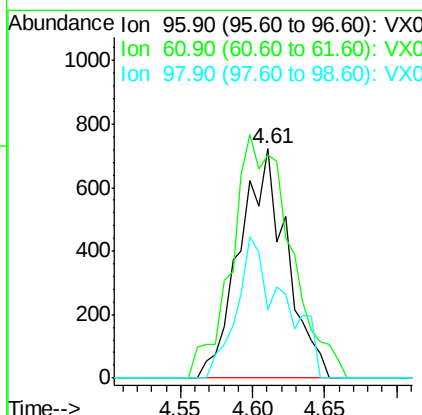
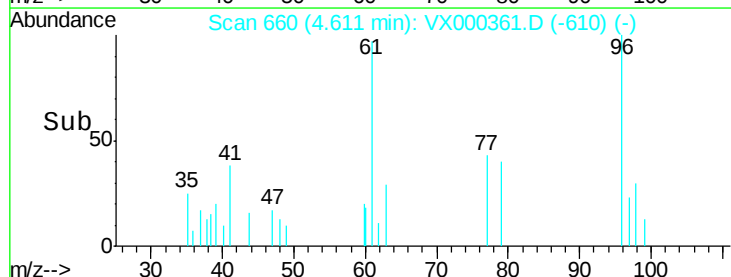
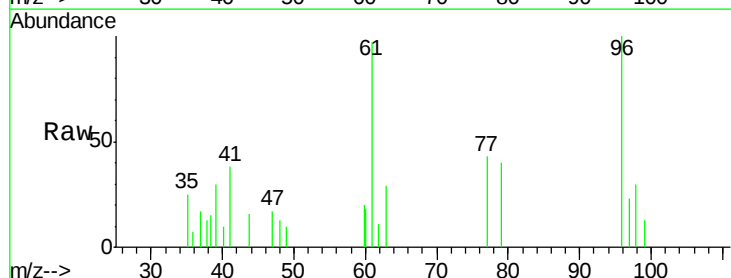
Manual Integrations
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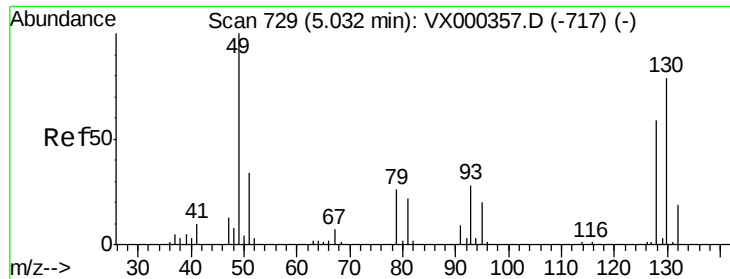
sam
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#27
 cis-1,2-Dichloroethene
 Concen: 1.17 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Tgt Ion: 96 Resp: 1638
 Ion Ratio Lower Upper
 96 100
 61 131.9 0.0 291.6
 98 61.8 0.0 132.0





#28

Bromochloromethane

Concen: 1.00 ug/l

RT: 5.04 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

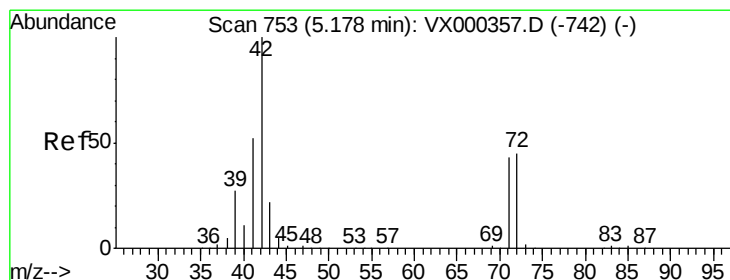
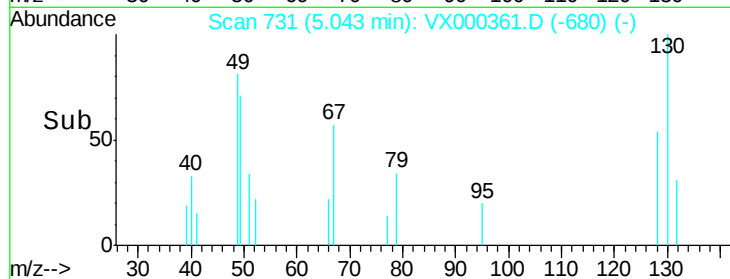
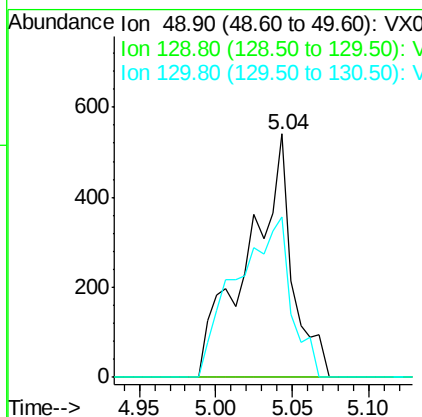
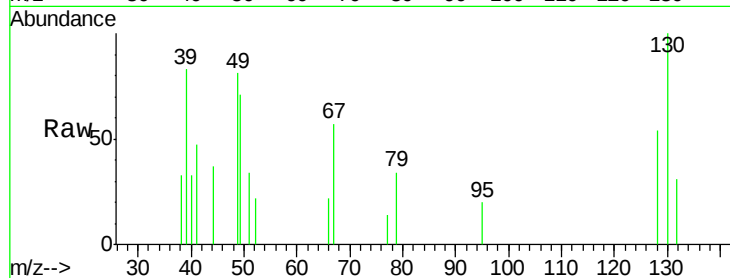
ClientSampled :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	81.9	64.0	96.0

Manual Integrations
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#29

Tetrahydrofuran

Concen: 5.58 ug/l

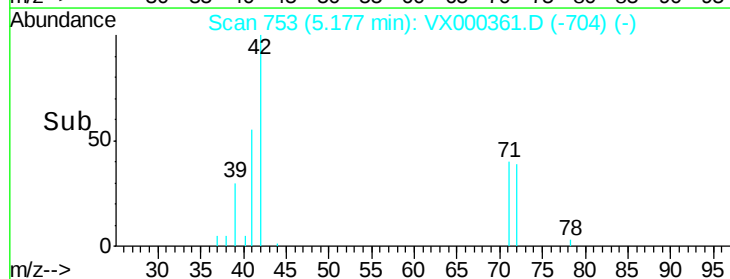
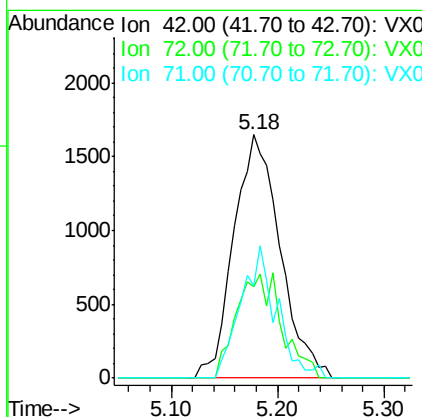
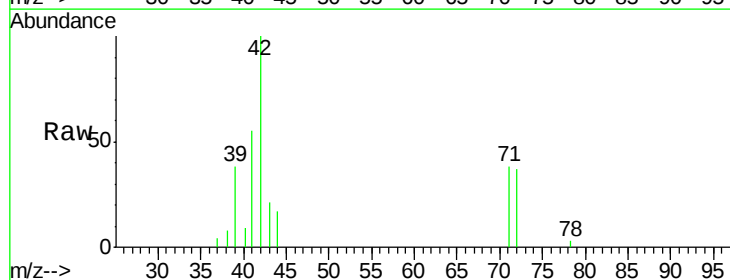
RT: 5.18 min Scan# 753

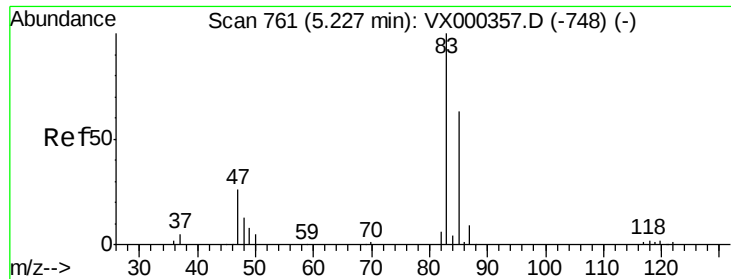
Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.8	37.9	56.9
71	42.0	34.4	51.6





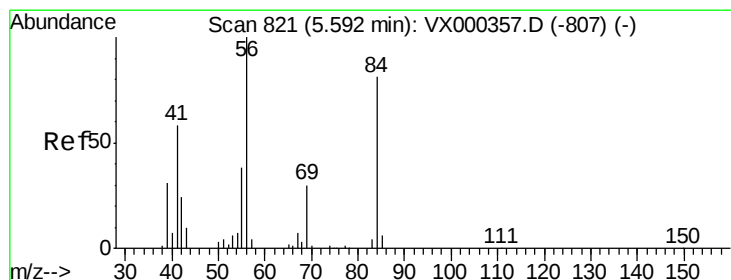
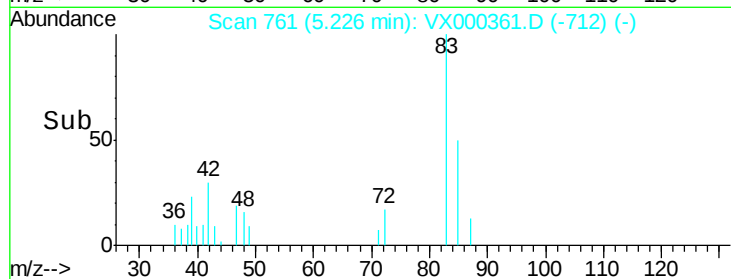
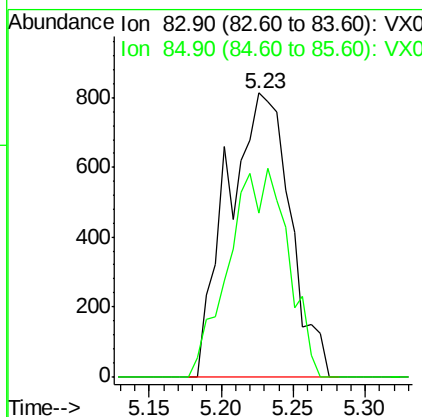
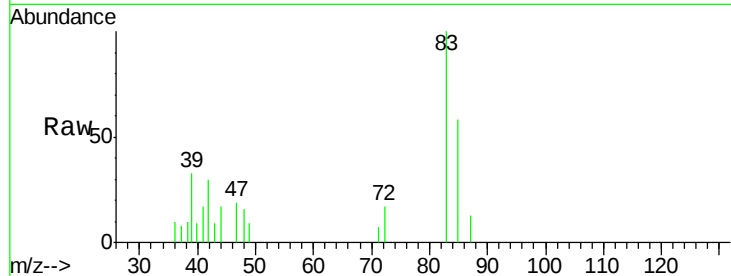
#30
Chloroform
Concen: 1.00 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 2447
Ion Ratio Lower Upper
83 100
85 57.7 53.3 79.9

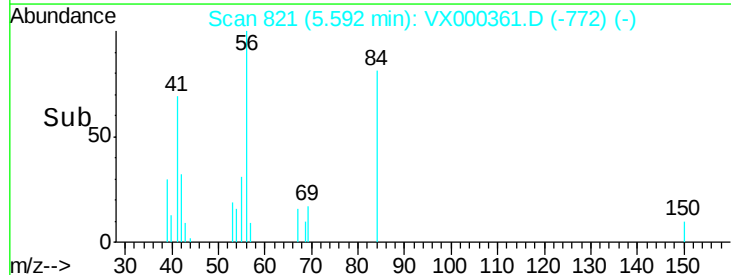
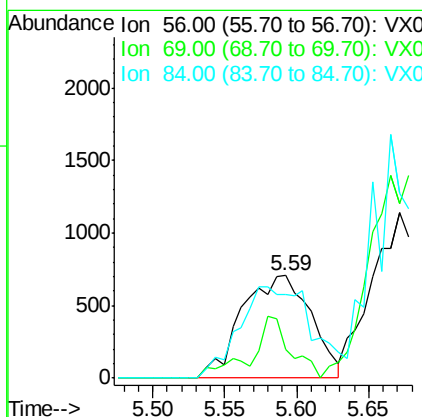
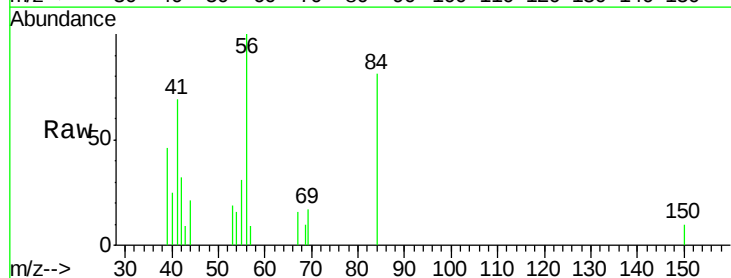
Manual Integrations
APPROVED

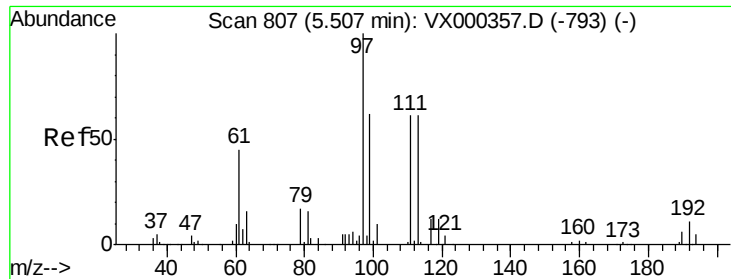
sam
3/21/2018 11:44:15 AM



#31
Cyclohexane
Concen: 1.19 ug/l
RT: 5.59 min Scan# 821
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion: 56 Resp: 2368
Ion Ratio Lower Upper
56 100
69 27.7 23.4 35.0
84 80.9 71.0 106.4





#32

1,1,1-Trichloroethane

Concen: 1.11 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

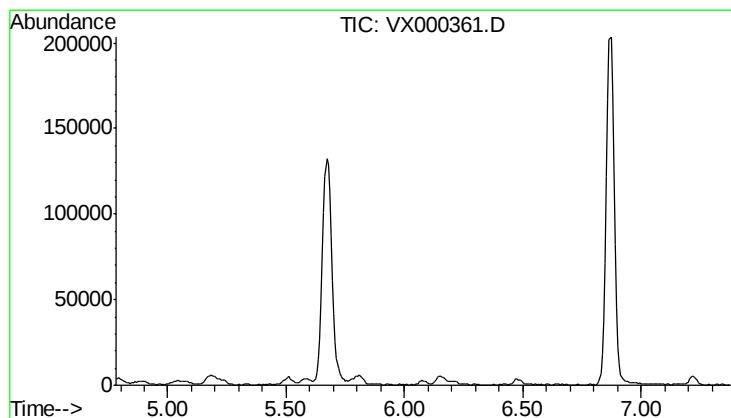
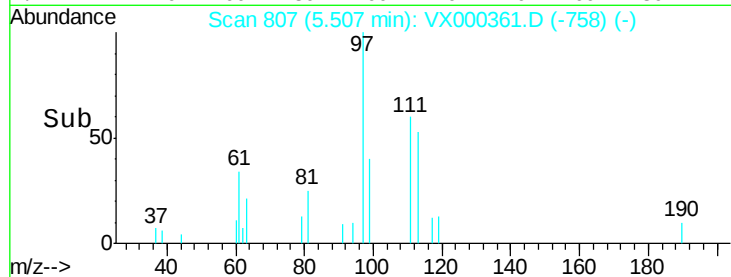
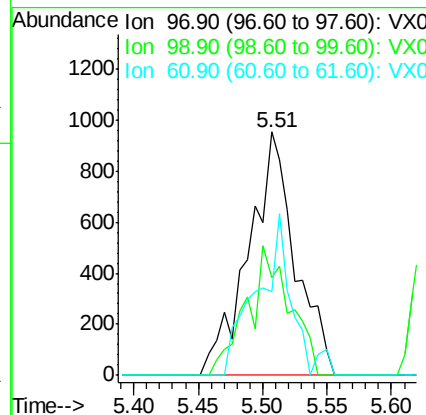
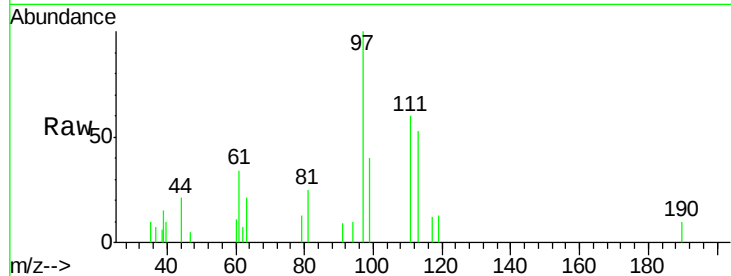
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	0.0	52.1	78.1#	
61	49.6	36.2	54.4	

Manual Integrations
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sam
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#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

Expected RT: 6.08 min

Lab File: VX000361.D

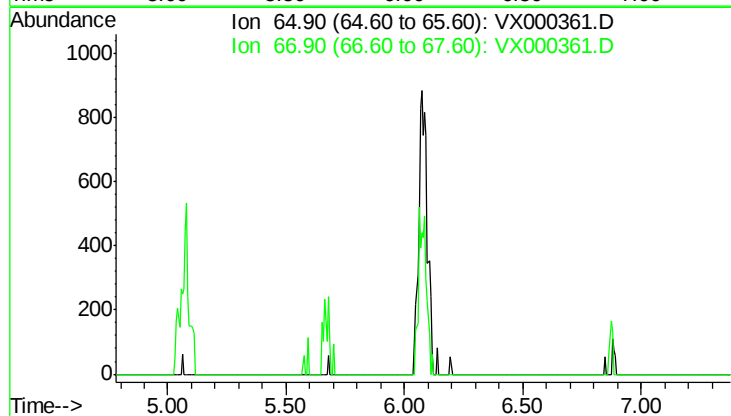
Acq: 20 Mar 2018 13:32

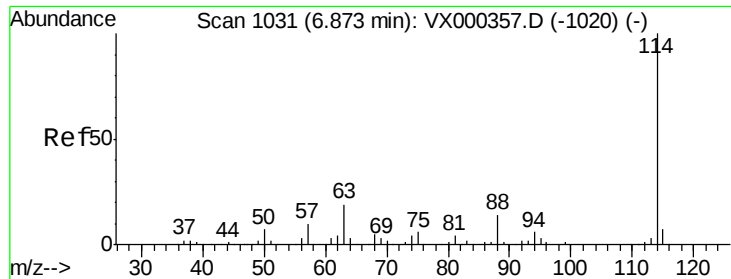
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.6





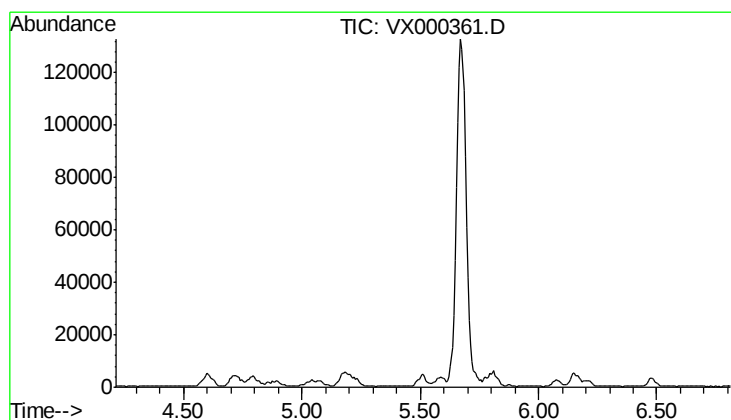
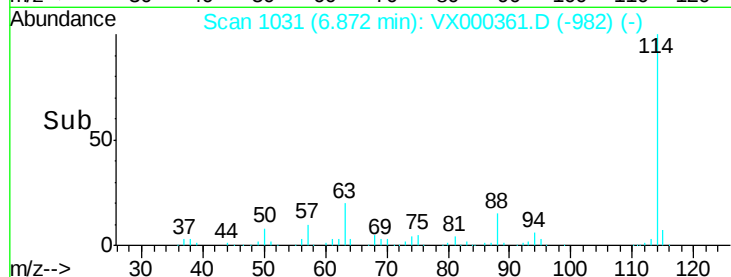
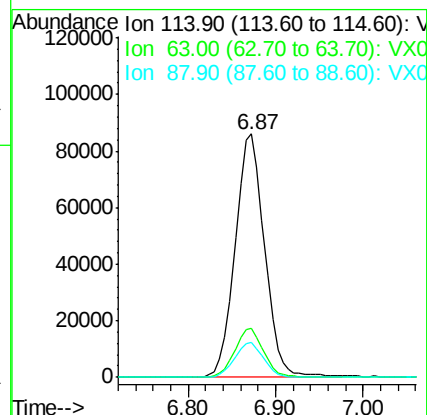
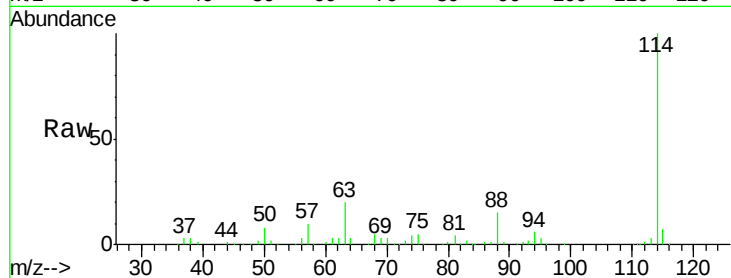
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.0	0.0	38.4
88	14.5	0.0	27.0

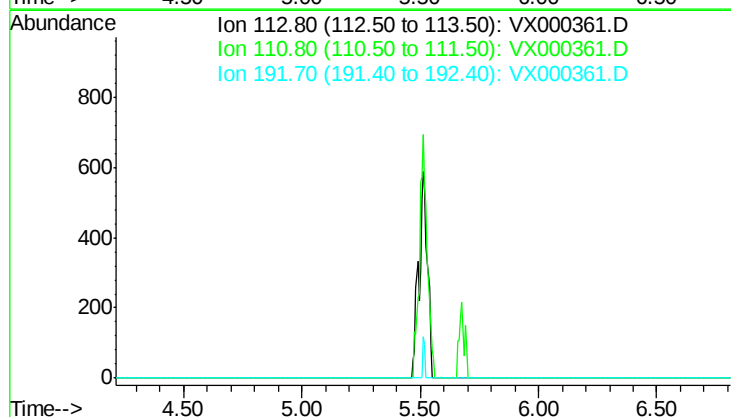
Manual Integrations
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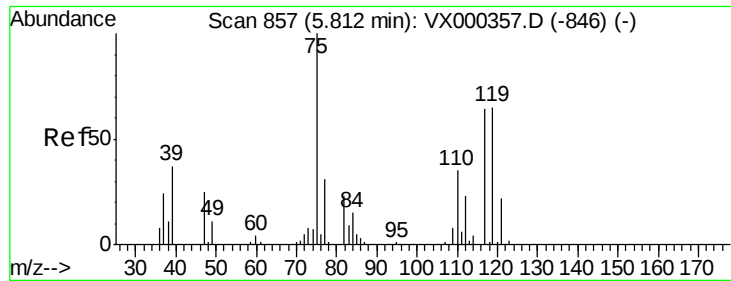
sam
 3/21/2018 11:44:15 AM



#35
 Dibromofluoromethane
 Concen: 0.00 ug/l
 Expected RT: 5.51 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Tgt Ion	Exp Ratio
113	100
111	103.0
192	19.7





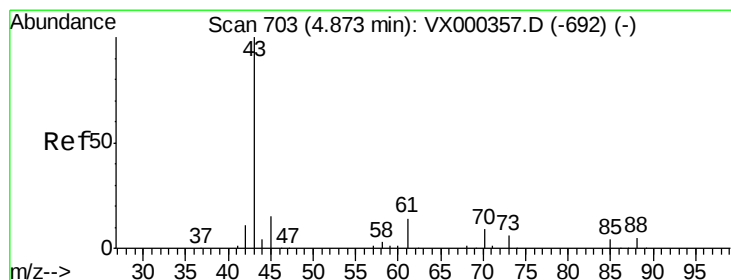
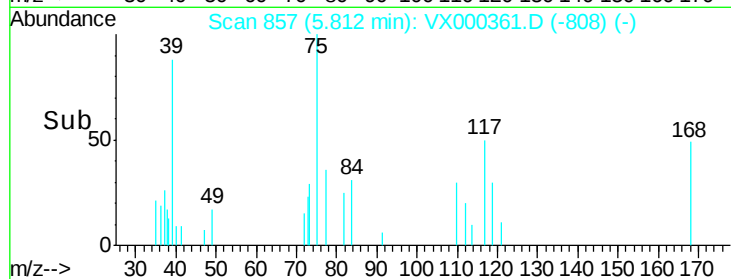
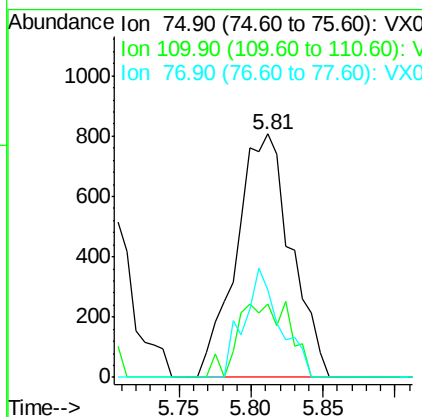
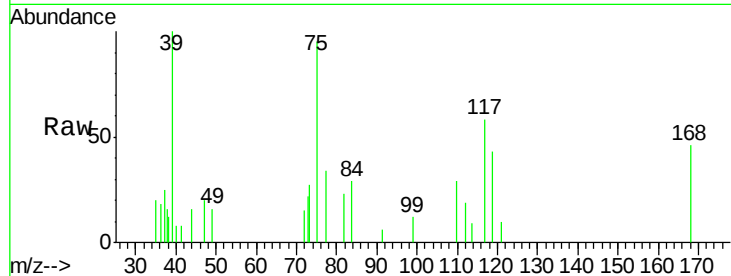
#36
 1,1-Dichloropropene
 Concen: 1.16 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	29.5	17.9	53.7
77	29.9	24.0	36.0

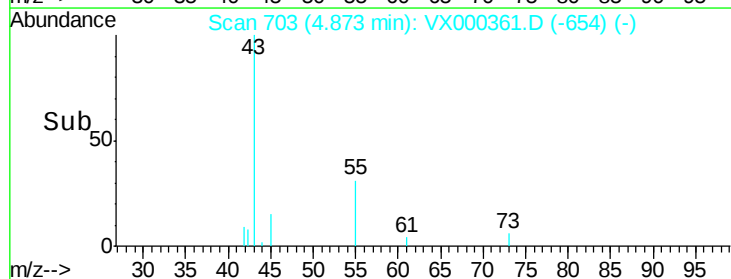
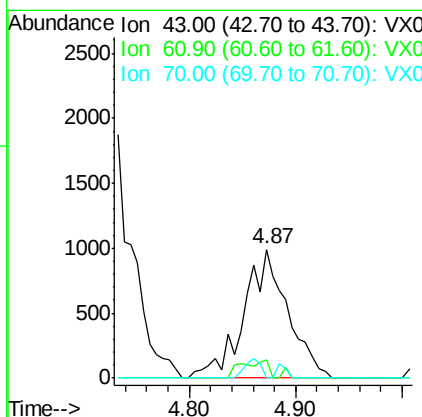
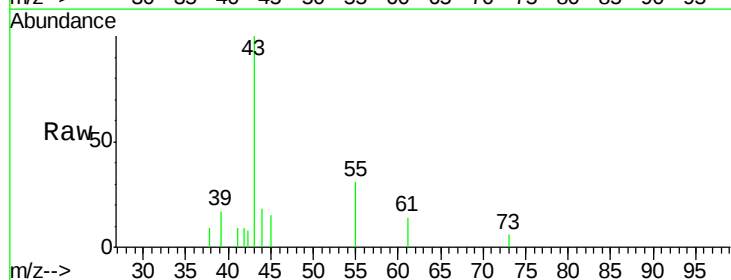
Manual Integrations
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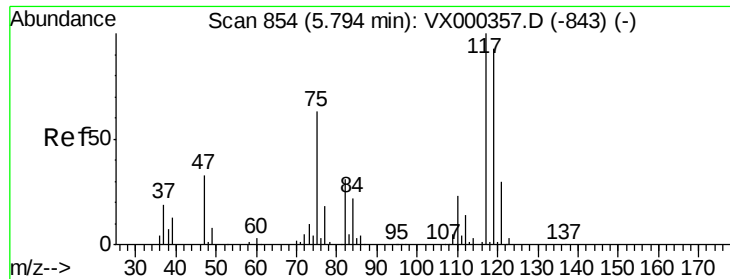
sam
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#37
 Ethyl Acetate
 Concen: 1.17 ug/l
 RT: 4.87 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	5.6	7.7	11.5#





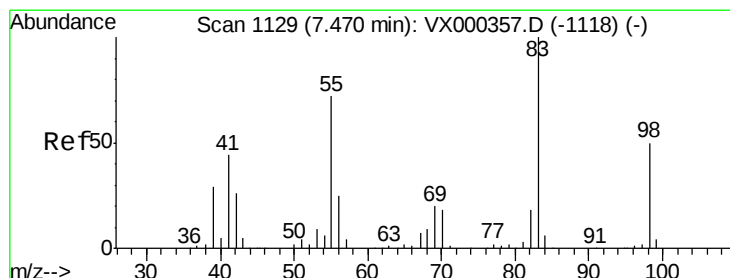
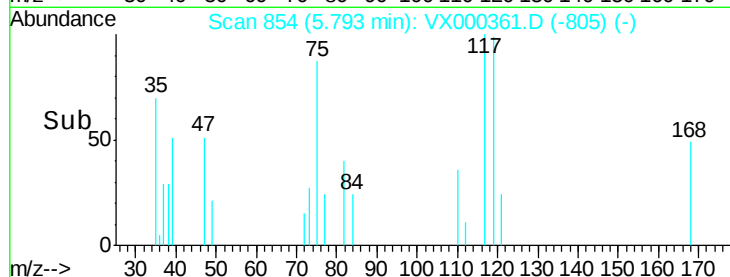
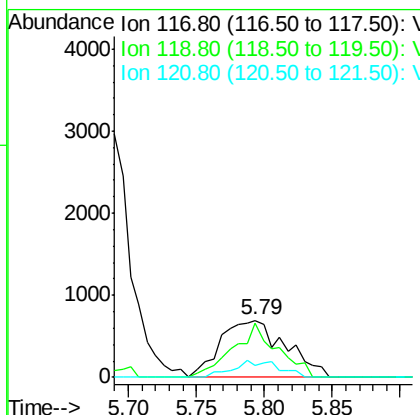
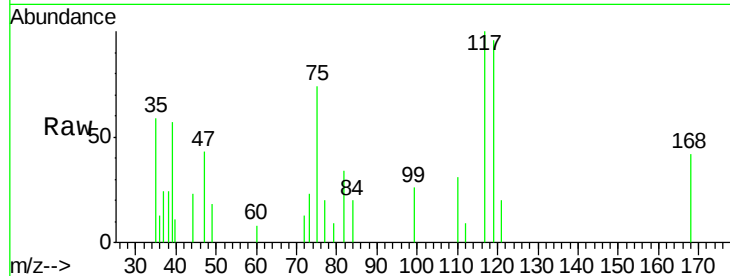
#38
Carbon Tetrachloride
Concen: 1.25 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.2
121	20.1	24.8	37.2#

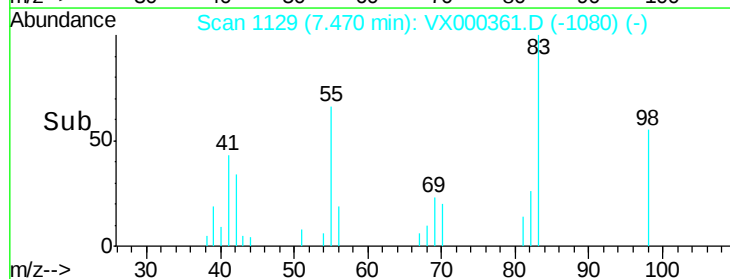
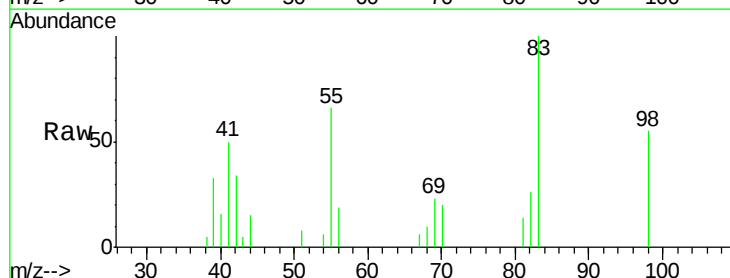
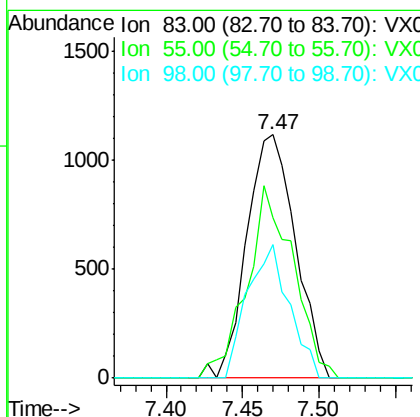
Manual Integrations
APPROVED

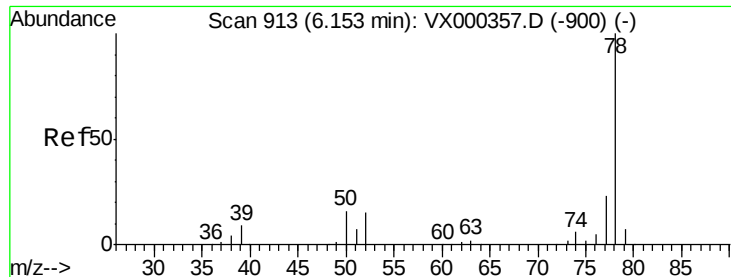
sam
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#39
Methylcyclohexane
Concen: 1.16 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion	Ratio	Lower	Upper
83	100		
55	66.1	55.5	83.3
98	54.8	38.2	57.4





#40

Benzene

Concen: 1.16 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 78 Resp: 6050

Ion Ratio Lower Upper

78 100

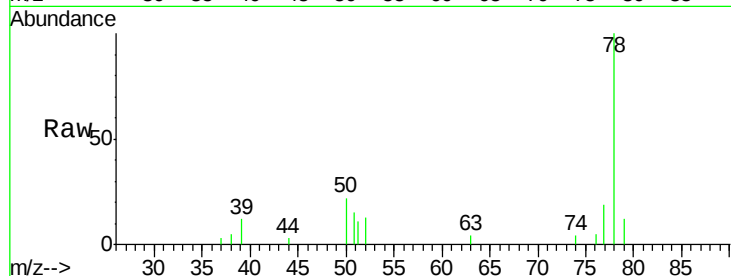
77 18.8 18.7 28.1

Manual Integrations

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sam

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

2500

2000

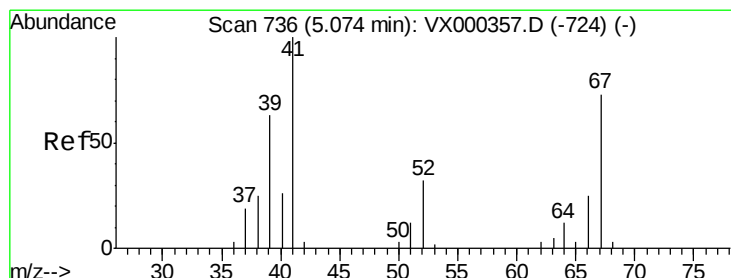
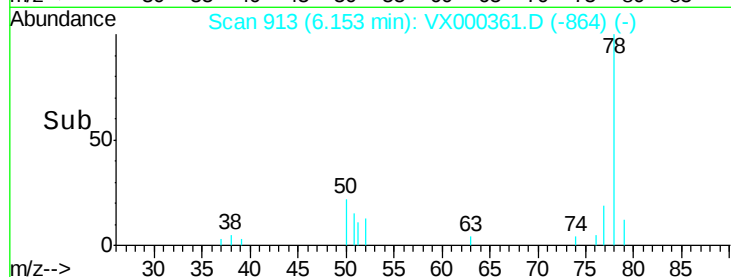
1500

1000

500

0

Time-->



#41

Methacrylonitrile

Concen: 1.25 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Tgt Ion: 41 Resp: 1605

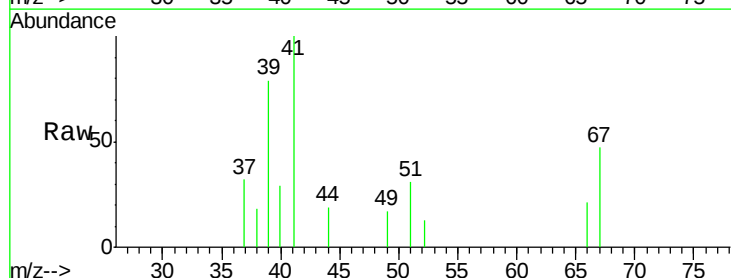
Ion Ratio Lower Upper

41 100

39 0.0 45.7 68.5#

67 0.0 57.8 86.8#

52 21.2 26.7 40.1#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

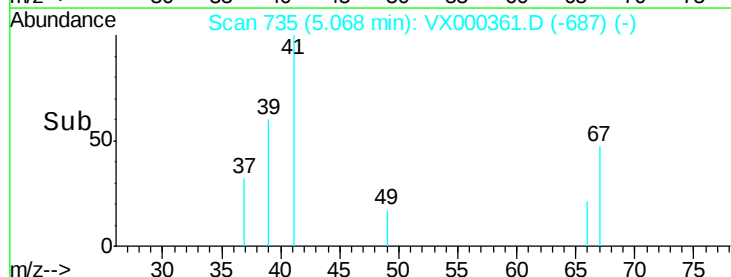
5.07

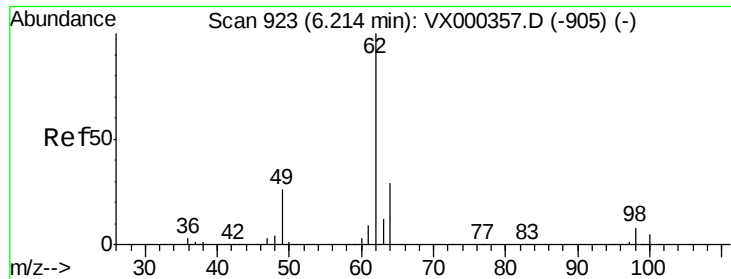
1000

500

0

Time-->





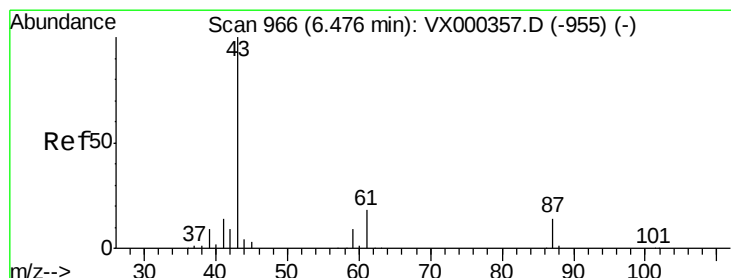
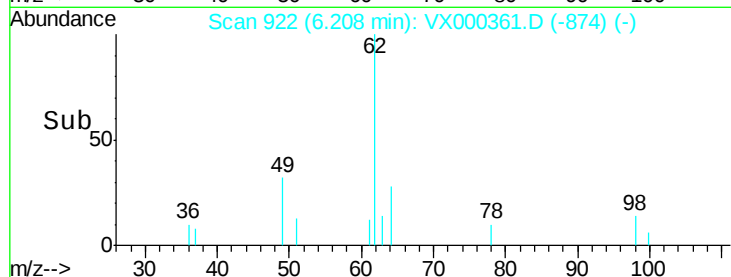
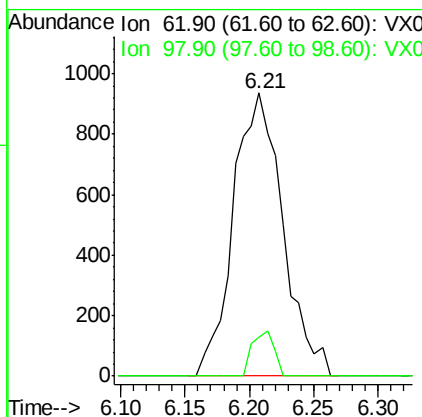
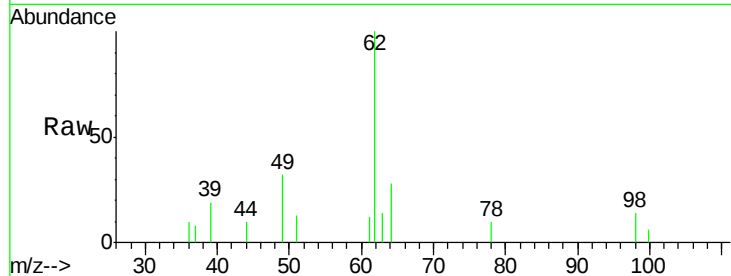
#42
 1,2-Dichloroethane
 Concen: 1.21 ug/l
 RT: 6.21 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	6.9	0.0	15.8

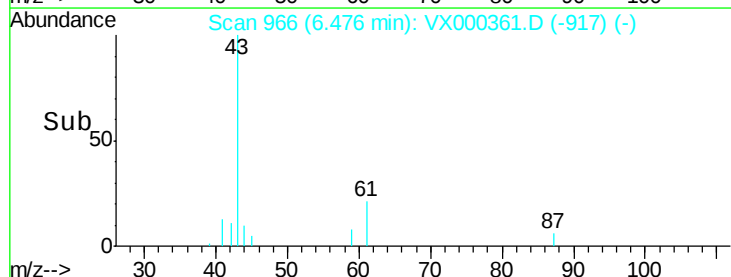
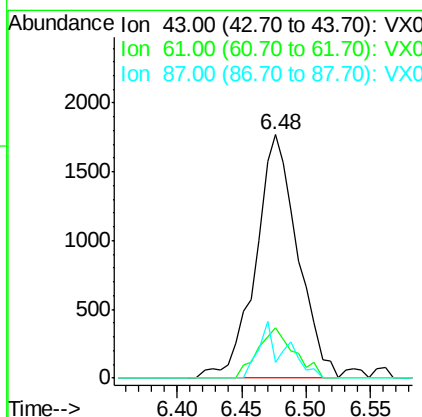
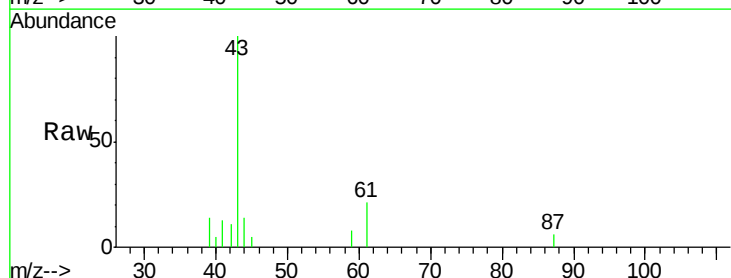
Manual Integrations
 APPROVED

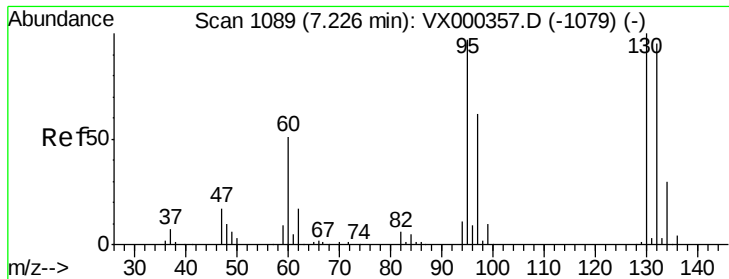
sam
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#43
 Isopropyl Acetate
 Concen: 1.13 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	9.7	11.0	16.4#





#44

Trichloroethene

Concen: 1.20 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:130 Resp: 1813

Ion Ratio Lower Upper

130 100

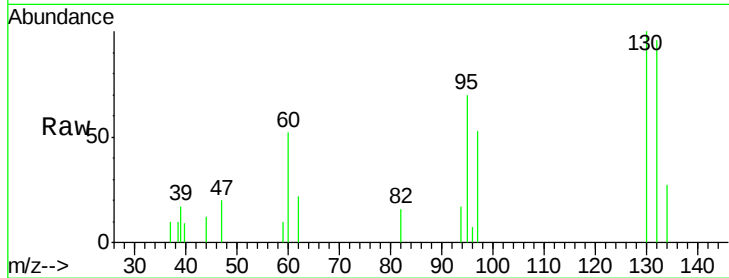
95 70.4 0.0 186.0

Manual Integrations

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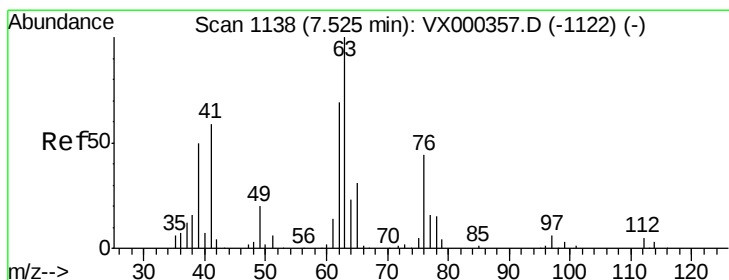
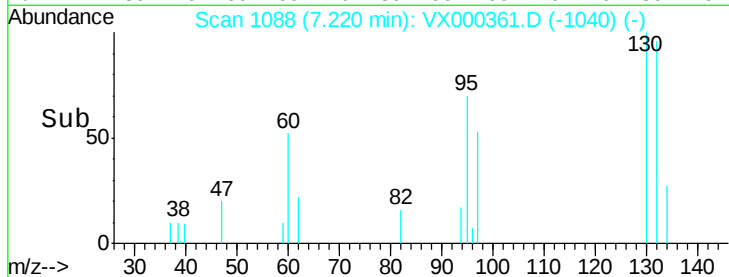
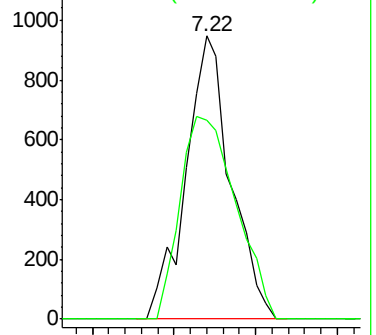
sam

3/21/2018 11:44:15 AM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.09 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000361.D

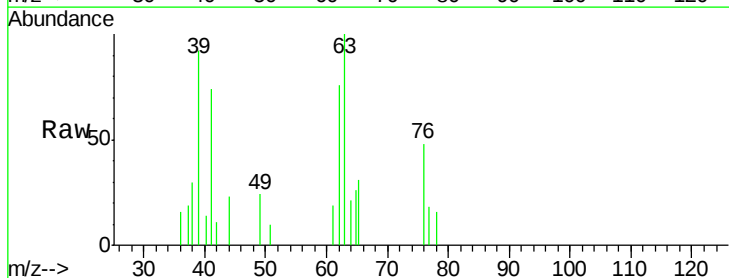
Acq: 20 Mar 2018 13:32

Tgt Ion: 63 Resp: 1393

Ion Ratio Lower Upper

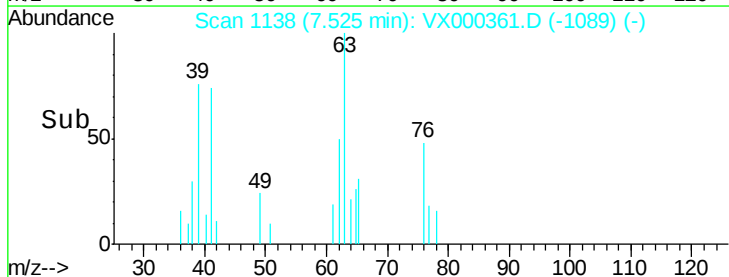
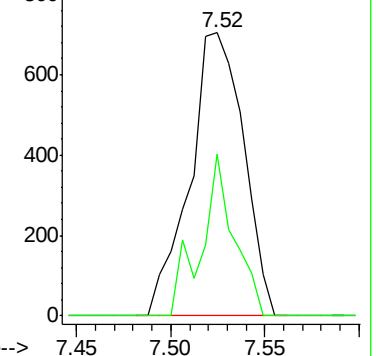
63 100

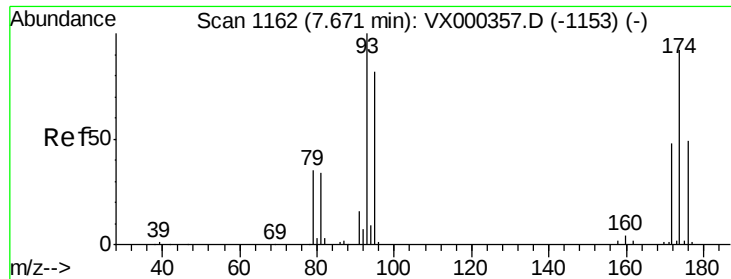
65 57.1 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





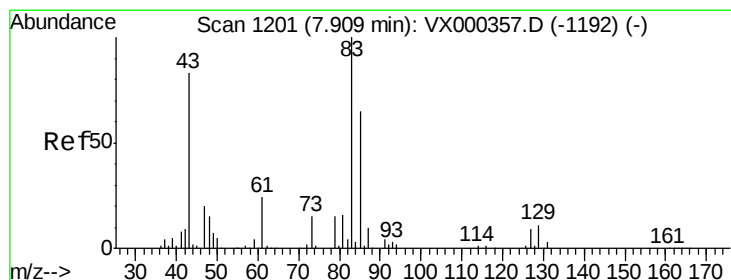
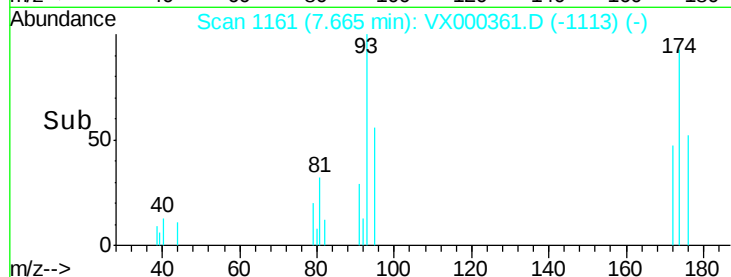
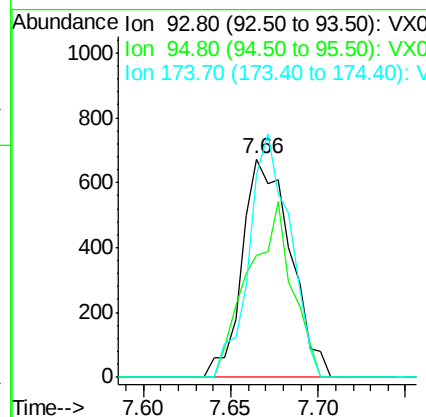
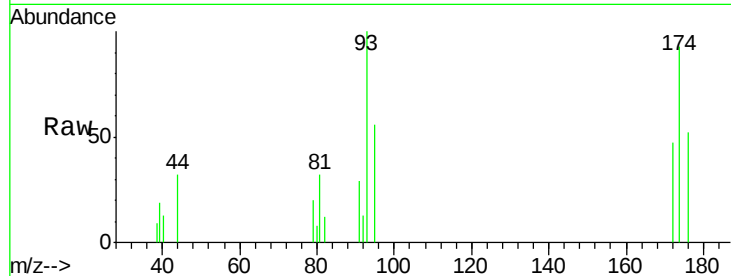
#46
Dibromomethane
Concen: 1.25 ug/l
RT: 7.66 min Scan# 1161
Delta R.T. -0.01 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	72.2	66.5	99.7
174	93.7	76.0	114.0

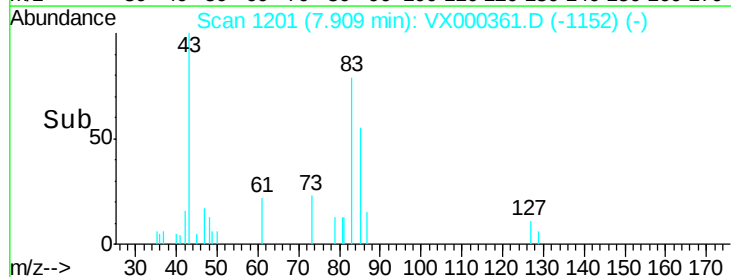
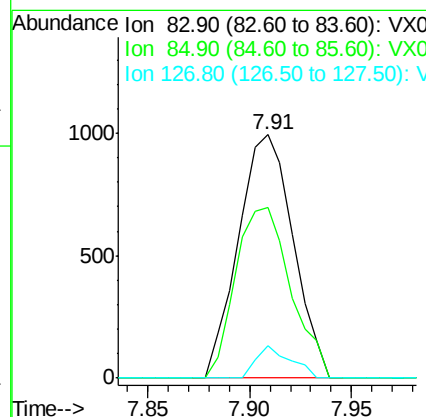
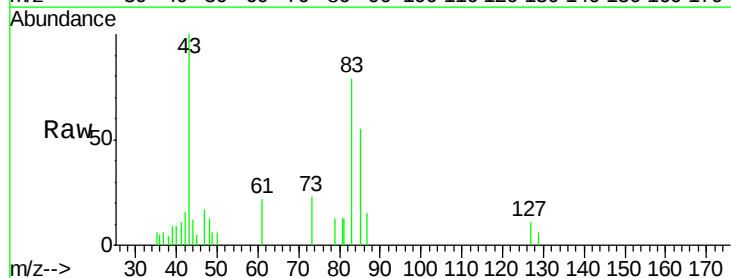
Manual Integrations
APPROVED

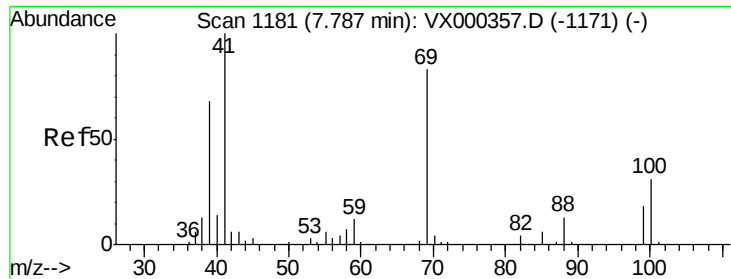
sam
3/21/2018 11:44:15 AM



#47
Bromodichloromethane
Concen: 1.01 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.0	51.4	77.0
127	13.3	7.0	10.6





#48

Methvl methacrylate

Concen: 1.08 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

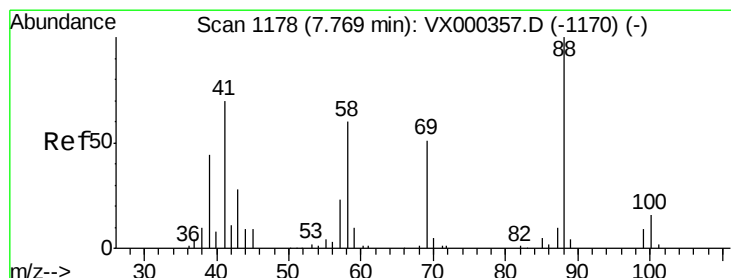
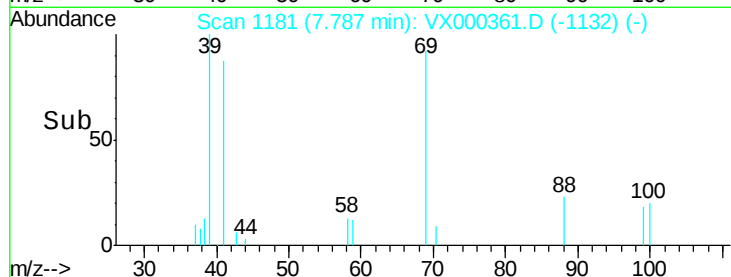
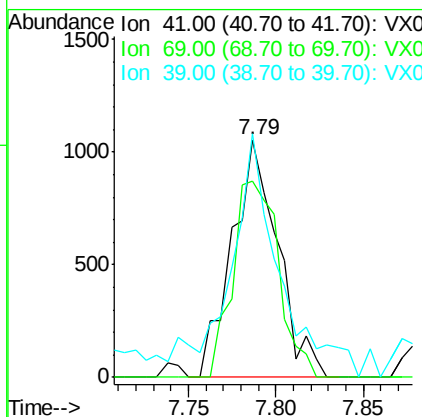
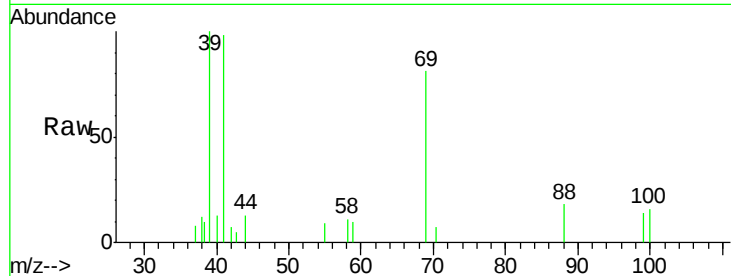
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	1923
Ion	Ratio	Lower	Upper
41	100		
69	82.9	68.2	102.4
39	110.3	54.6	81.8#

Manual Integrations
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#49

1,4-Dioxane

Concen: 21.16 ug/l

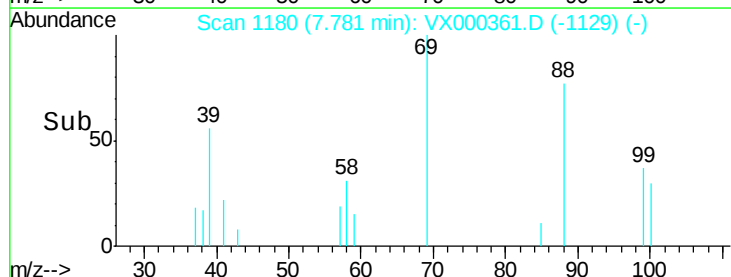
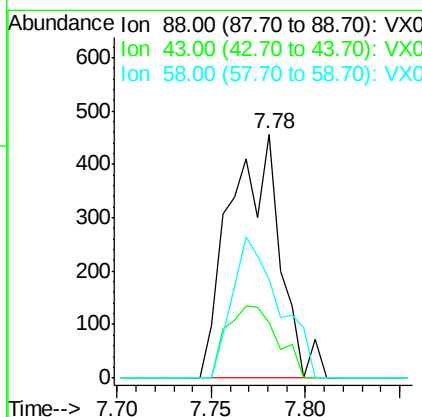
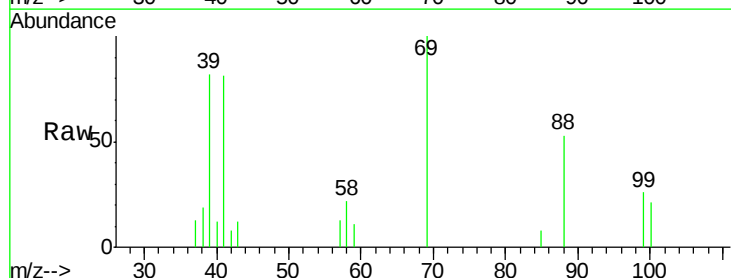
RT: 7.78 min Scan# 1180

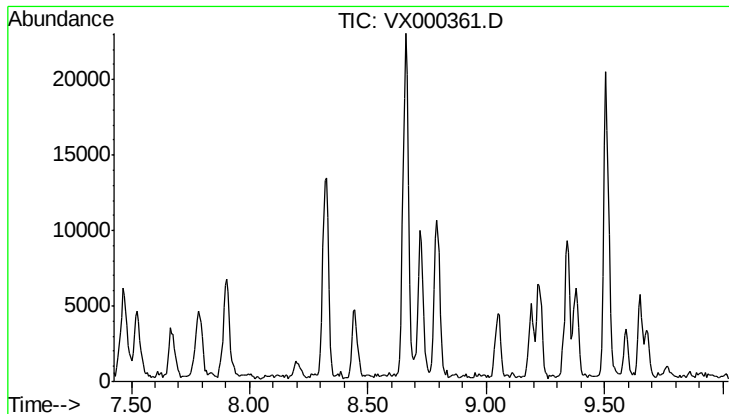
Delta R.T. 0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Tgt Ion:	88	Resp:	847
Ion	Ratio	Lower	Upper
88	100		
43	29.6	26.8	40.2
58	54.3	52.2	78.2





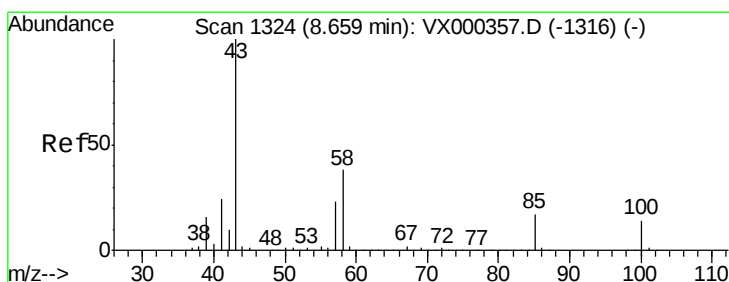
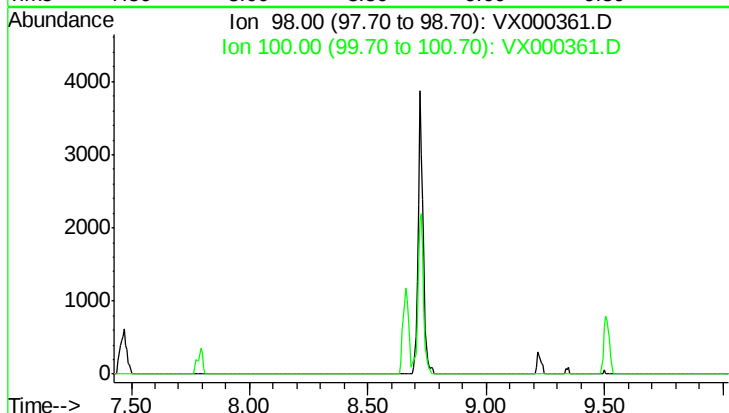
#50
Toluene-d8
Concen: 0.00 ug/l
Expected RT: 8.73 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

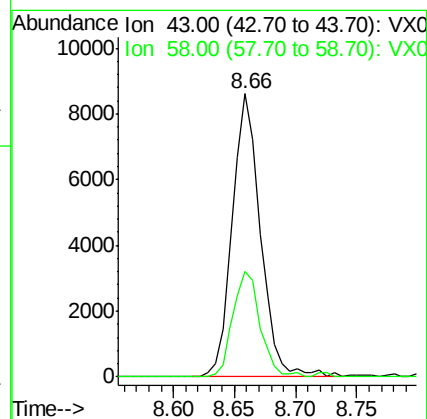
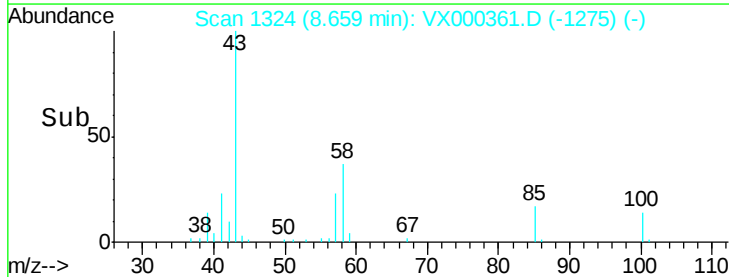
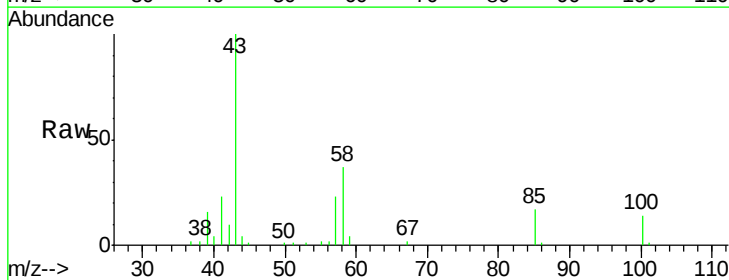
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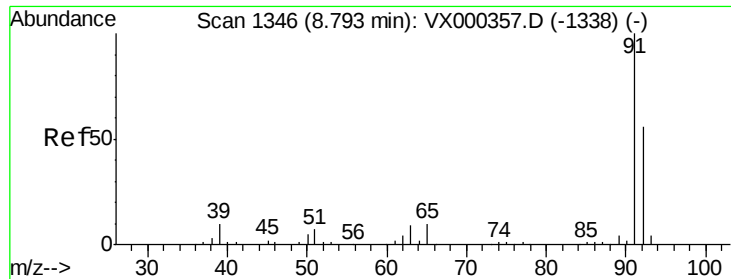
sam
3/21/2018 11:44:15 AM



#51
4-Methyl-2-Pentanone
Concen: 5.02 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion: 43 Resp: 13706
Ion Ratio Lower Upper
43 100
58 35.8 30.3 45.5





#52

Toluene

Concen: 1.11 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 4056

Ion Ratio Lower Upper

92 100

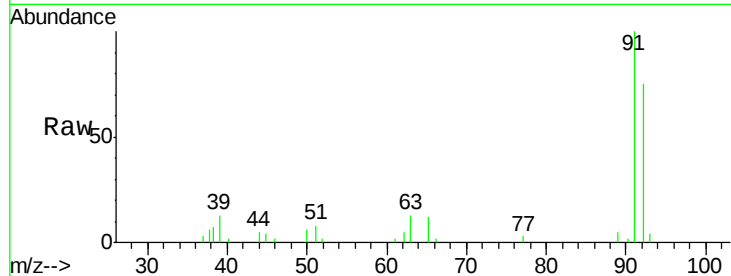
91 150.9 140.2 210.2

Manual Integrations

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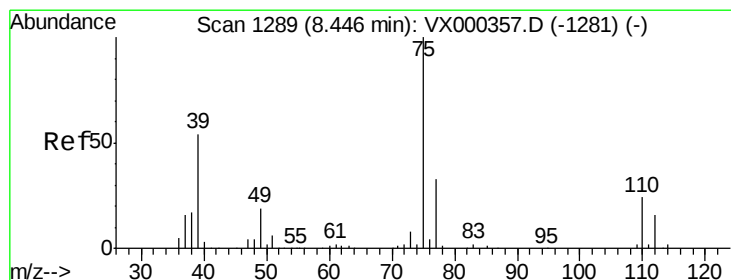
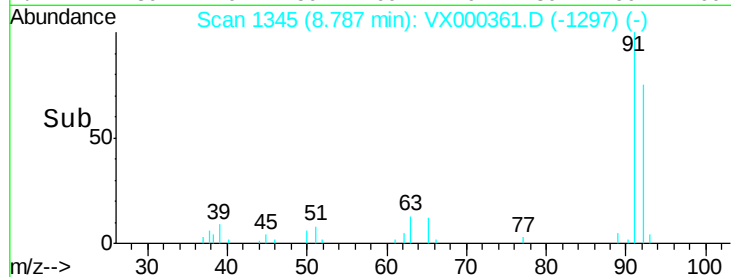
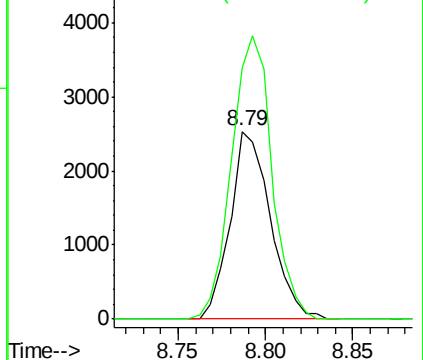
sam

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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.05 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000361.D

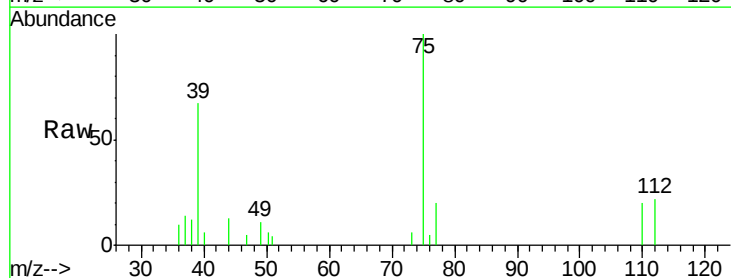
Acq: 20 Mar 2018 13:32

Tgt Ion: 75 Resp: 2211

Ion Ratio Lower Upper

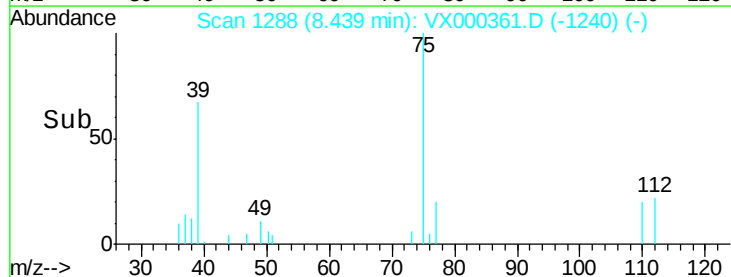
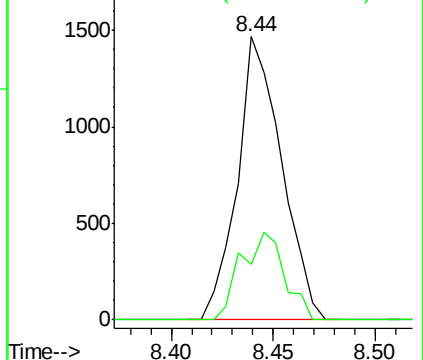
75 100

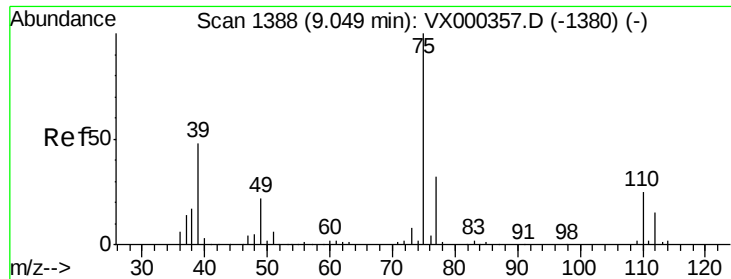
77 19.6 24.0 36.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





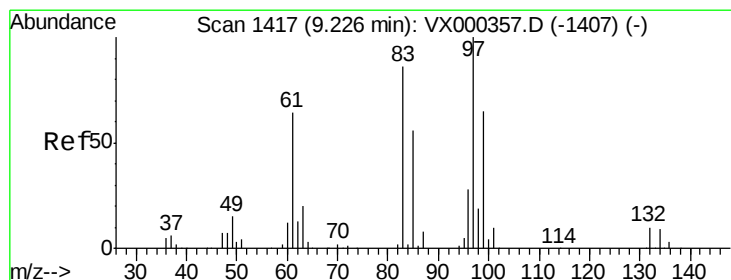
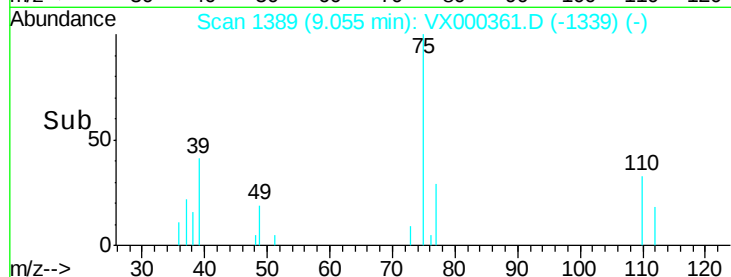
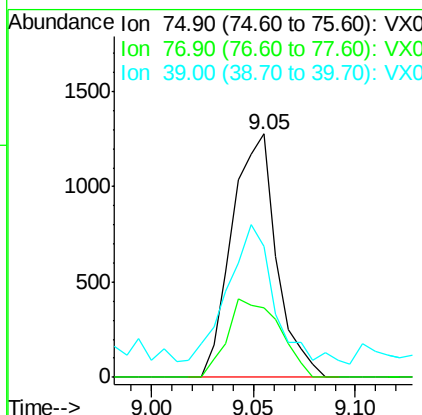
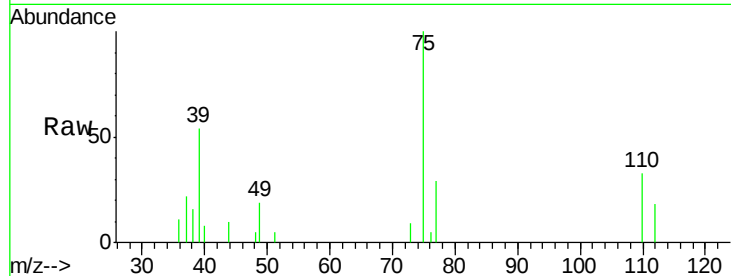
#54
 cis-1,3-Dichloropropene
 Concen: 0.94 ug/l
 RT: 9.05 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.8	26.1	39.1
39	47.2	39.8	59.6

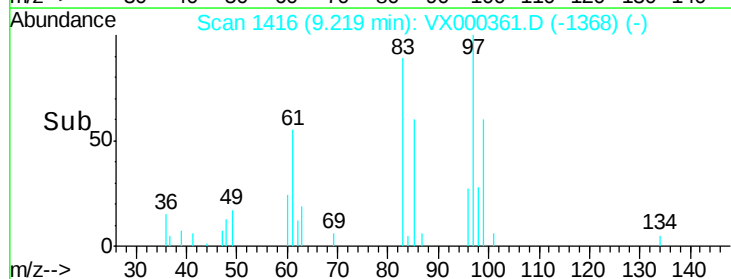
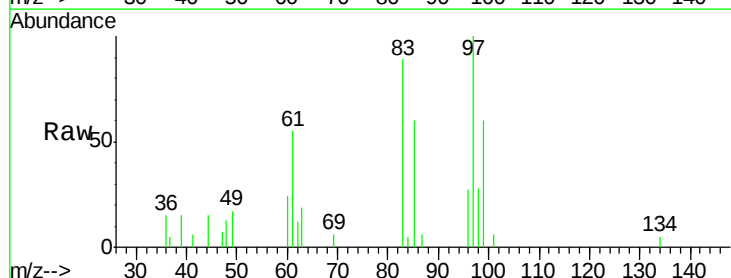
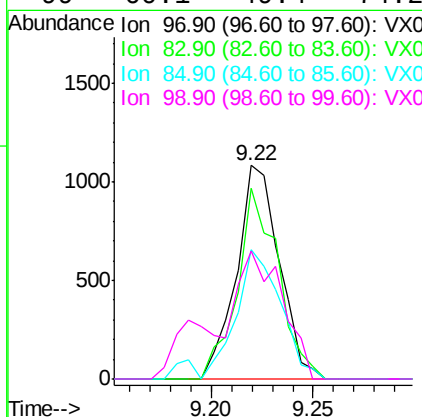
Manual Integrations
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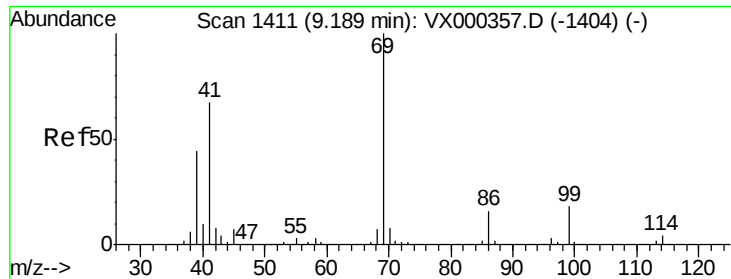
sam
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#55
 1,1,2-Trichloroethane
 Concen: 1.08 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.3	67.9	101.9
85	60.4	42.8	64.2
99	60.1	49.4	74.2





#56

Ethyl methacrylate

Concen: 1.04 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

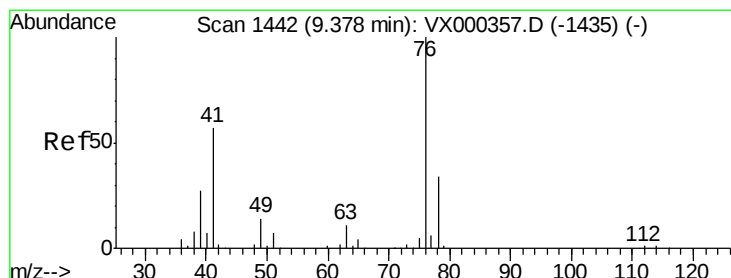
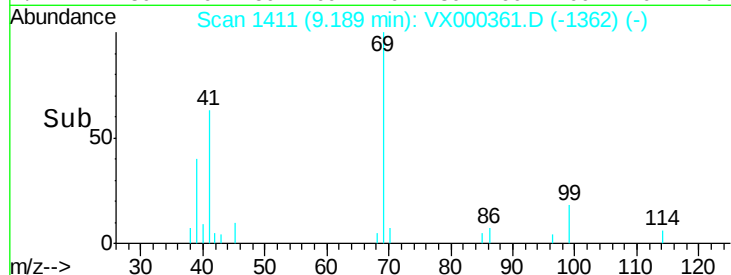
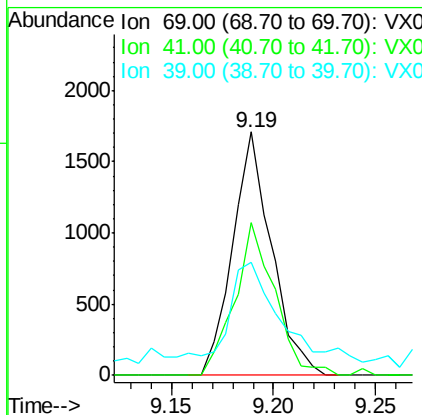
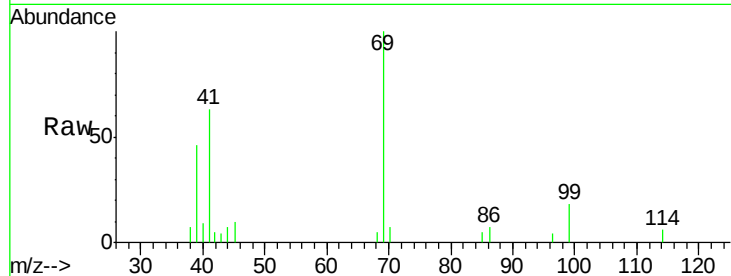
ClientSampled :

VSTDIC001

Tot Ion:	69	Resp:	2260
Ion	Ratio	Lower	Upper
69	100		
41	64.5	53.0	79.6
39	53.9	35.3	52.9#

Manual Integrations
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sam
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#57

1,3-Dichloropropane

Concen: 1.10 ug/l

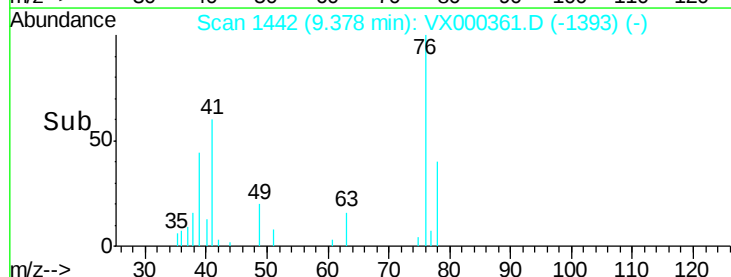
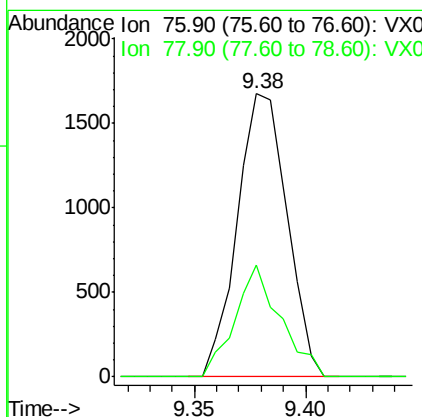
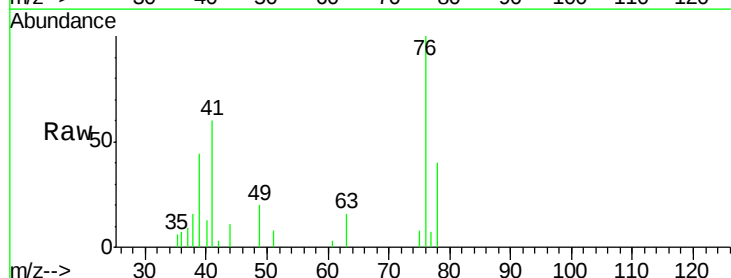
RT: 9.38 min Scan# 1442

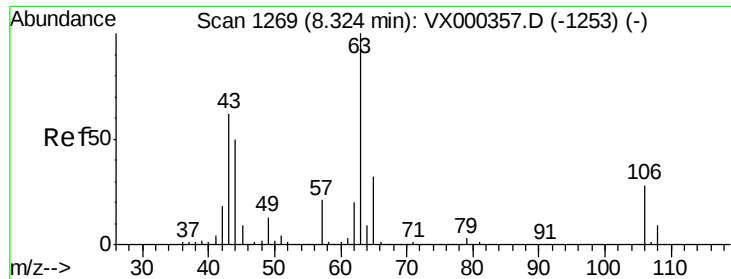
Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Tgt Ion:	76	Resp:	2610
Ion	Ratio	Lower	Upper
76	100		
78	35.9	26.4	39.6





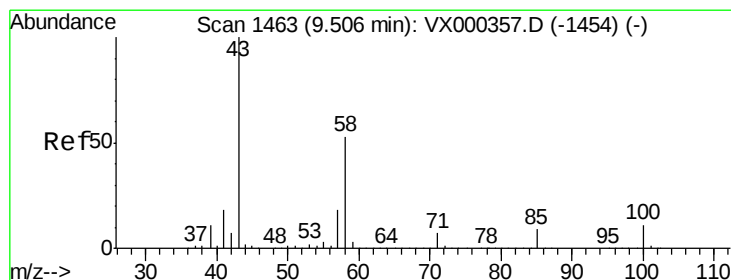
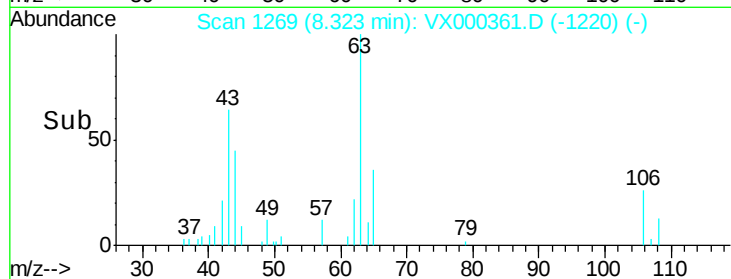
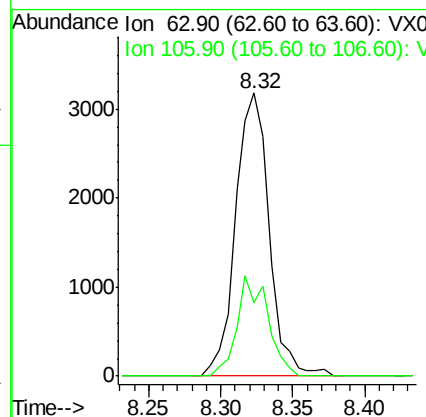
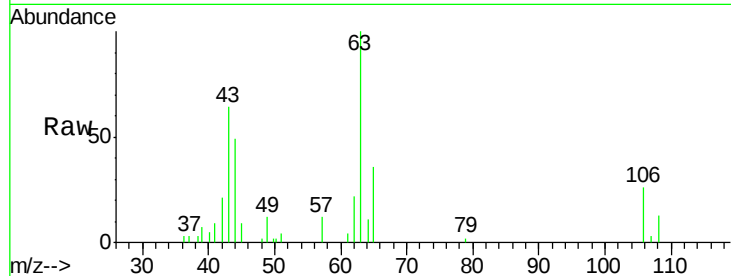
#58
2-Chloroethyl Vinyl ether
Concen: 5.19 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 5183
Ion Ratio Lower Upper
63 100
106 32.2 23.2 34.8

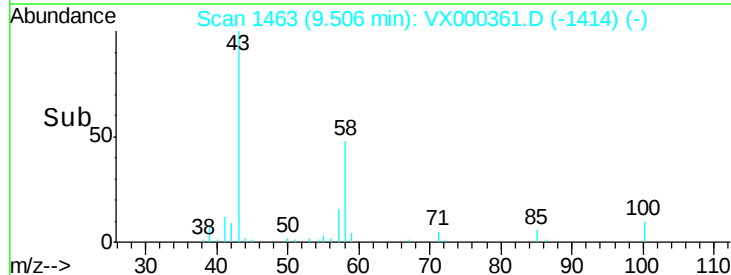
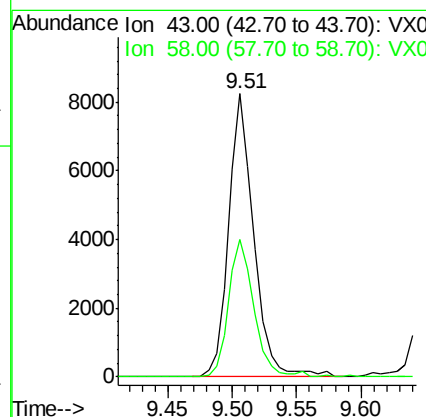
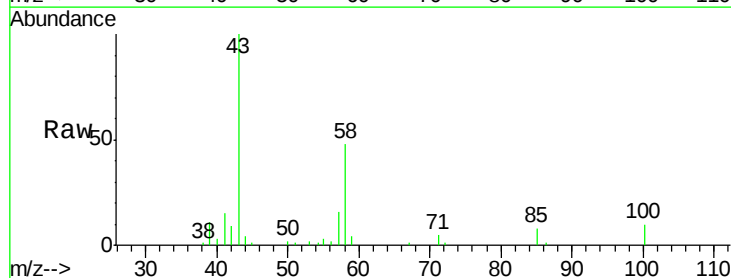
Manual Integrations
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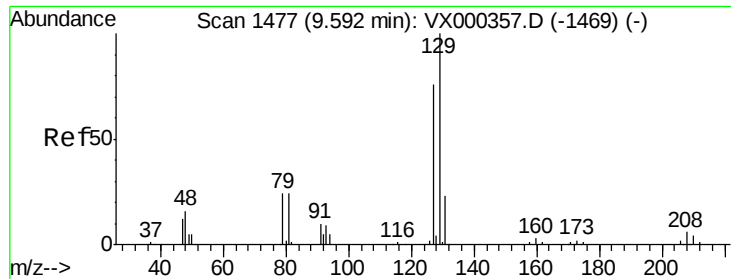
sam
3/21/2018 11:44:15 AM



#59
2-Hexanone
Concen: 4.92 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion: 43 Resp: 11323
Ion Ratio Lower Upper
43 100
58 48.9 26.6 79.7





#60

Dibromochloromethane

Concen: 0.79 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:129 Resp: 1220

Ion Ratio Lower Upper

129 100

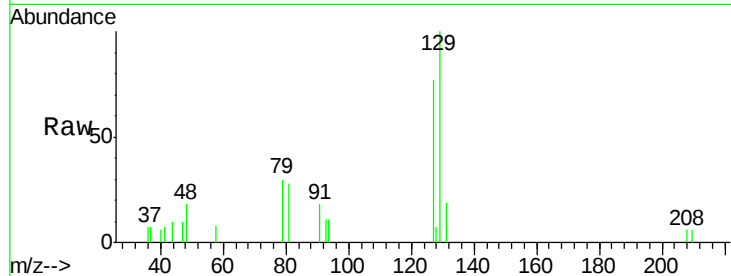
127 90.7 37.9 113.6

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

800

600

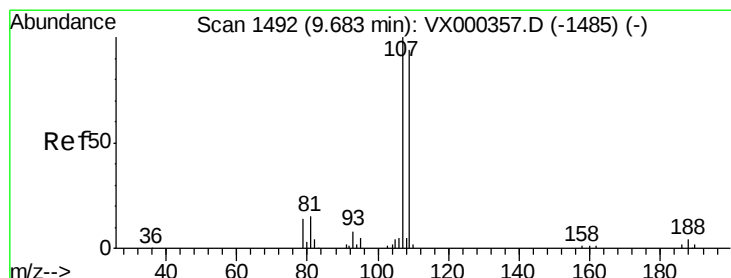
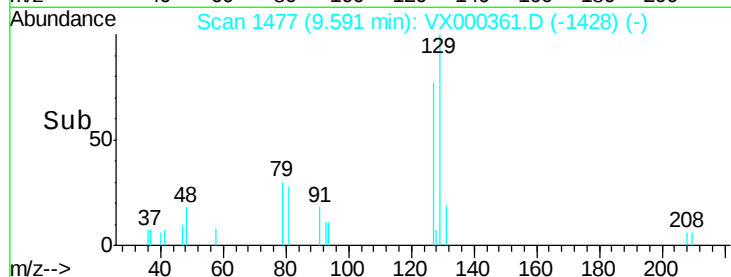
400

200

0

9.55 9.60

Time-->



#61

1,2-Dibromoethane

Concen: 0.96 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000361.D

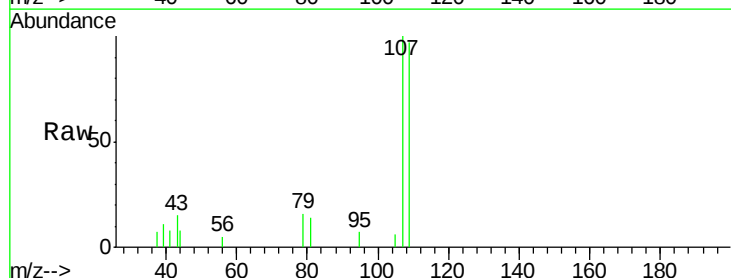
Acq: 20 Mar 2018 13:32

Tgt Ion:107 Resp: 1555

Ion Ratio Lower Upper

107 100

109 105.0 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

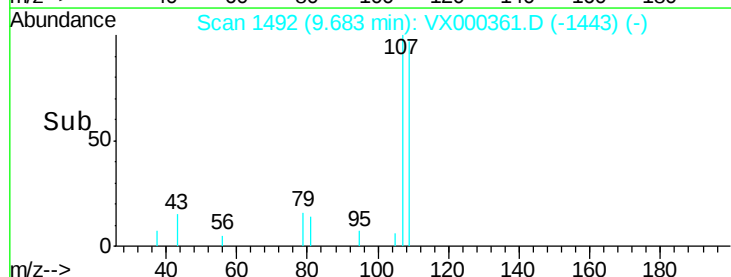
1000

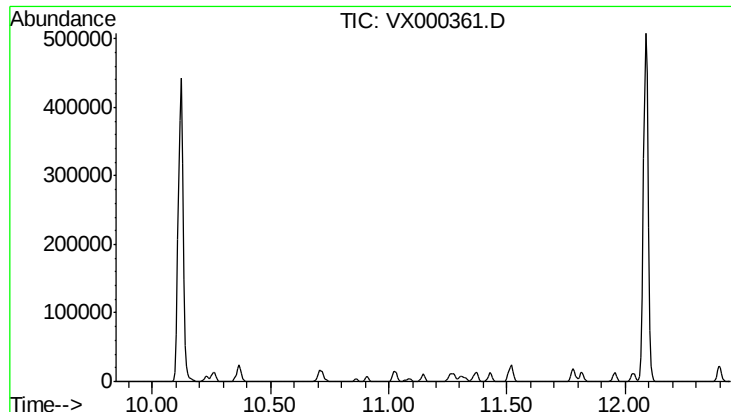
500

0

9.65 9.70

Time-->





#62

4-Bromofluorobenzene

Concen: 0.00 ug/l

Expected RT: 11.15 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Tot Ion	95
Sig	Exp Ratio
95	100
174	86.8
176	82.3

Instrument :

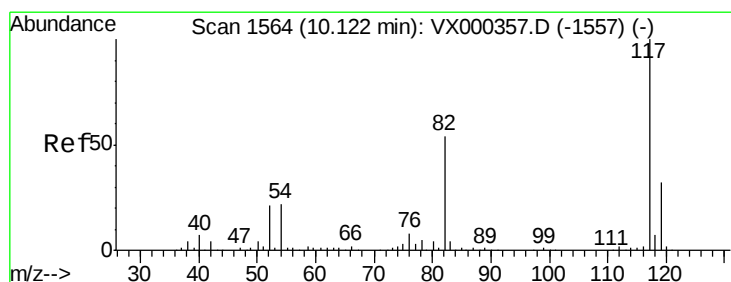
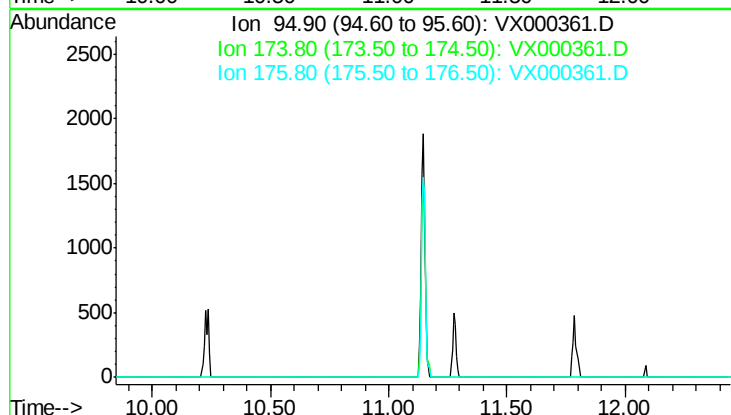
MSVOA_X

ClientSampleId :

VSTDIC001

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

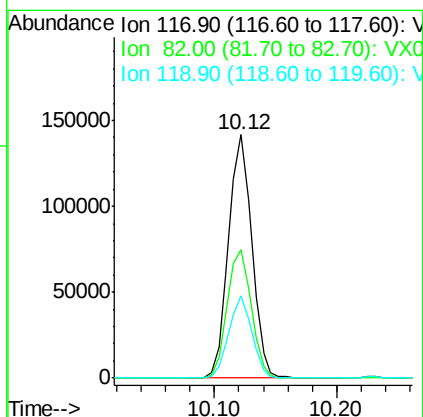
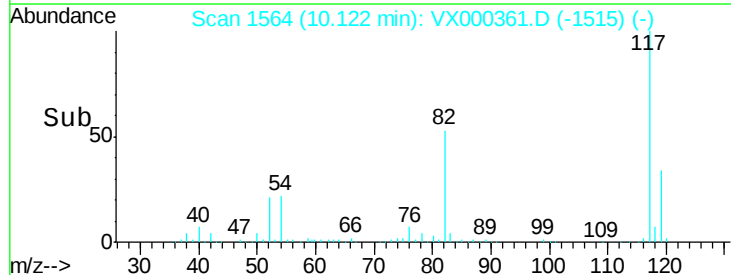
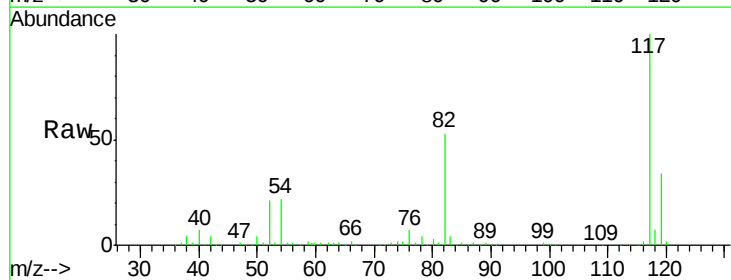
RT: 10.12 min Scan# 1564

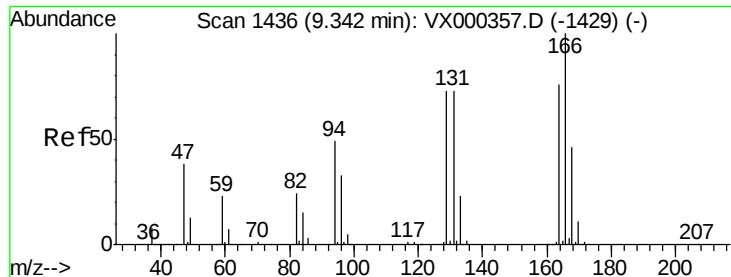
Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Tgt Ion	117	Resp	187661
Ion Ratio	Lower	Upper	
117	100		
82	52.5	43.8	65.8
119	33.7	24.9	37.3





#64

Tetrachloroethene

Concen: 1.30 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:164 Resp: 1739

Ion Ratio Lower Upper

164 100

166 116.7 101.0 151.6

129 95.0 79.0 118.4

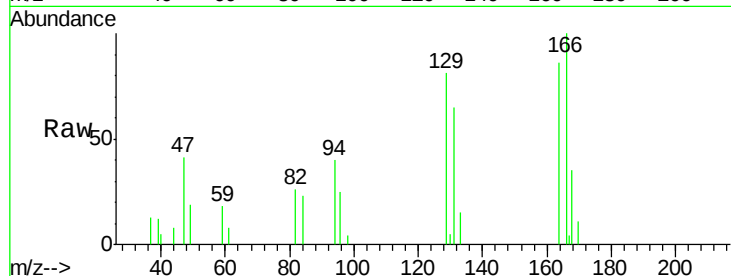
131 76.0 71.9 107.9

Manual Integrations

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sam

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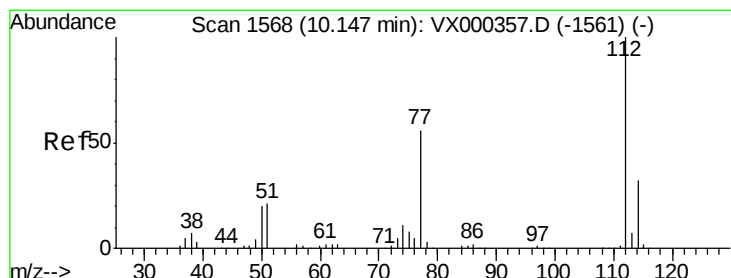
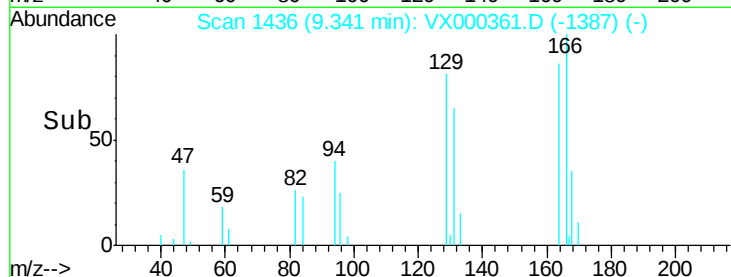
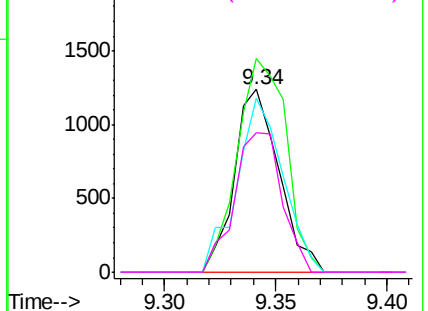


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.20 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000361.D

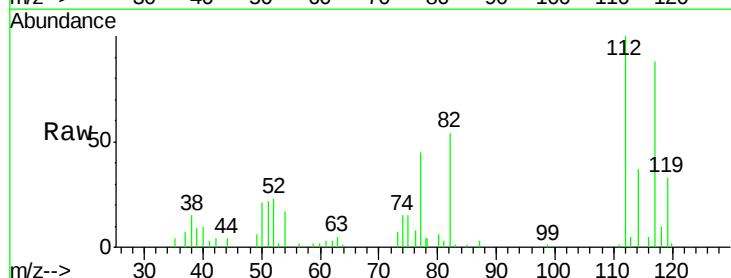
Acq: 20 Mar 2018 13:32

Tgt Ion:112 Resp: 4594

Ion Ratio Lower Upper

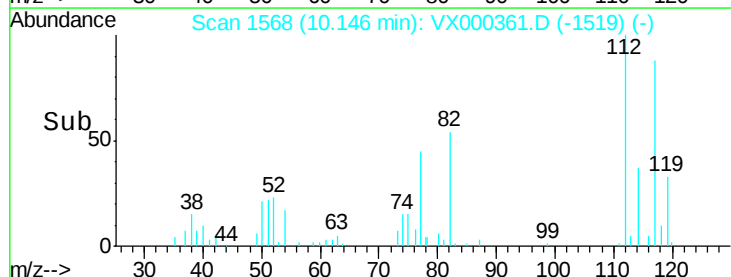
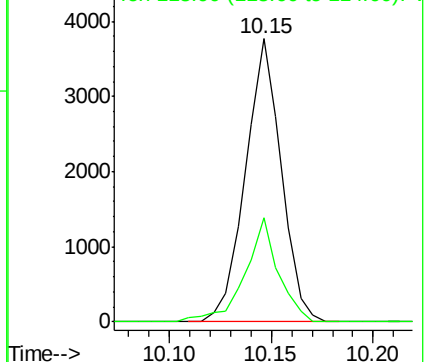
112 100

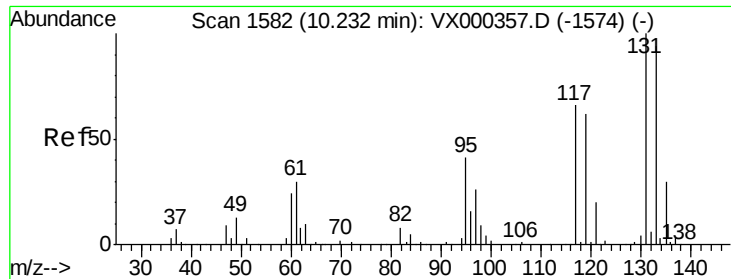
114 37.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 1.10 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

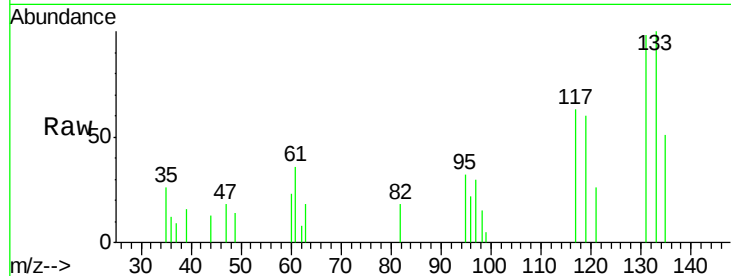
ClientSampled :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	88.8	47.1	141.3
119	0.0	33.1	99.2#

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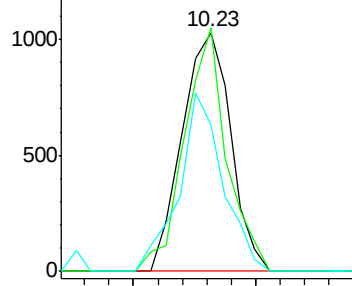
sam
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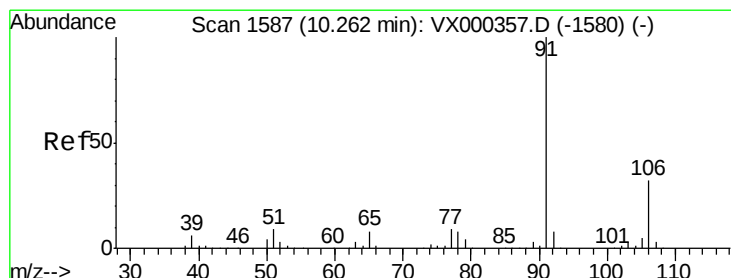
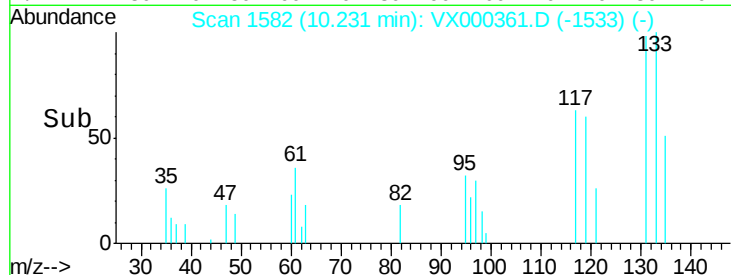
Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->



#67

Ethyl Benzene

Concen: 1.13 ug/l

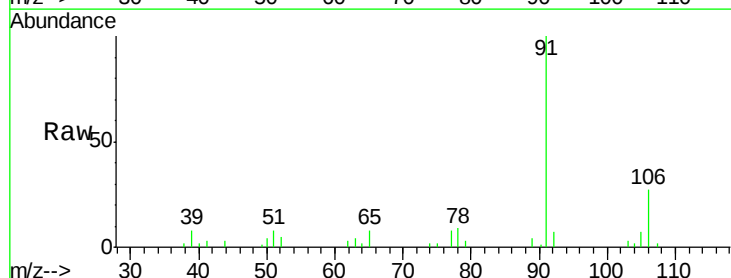
RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000361.D

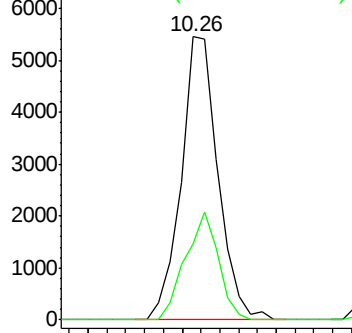
Acq: 20 Mar 2018 13:32

Tgt Ion	Ratio	Lower	Upper
91	100		
106	26.9	25.0	37.6

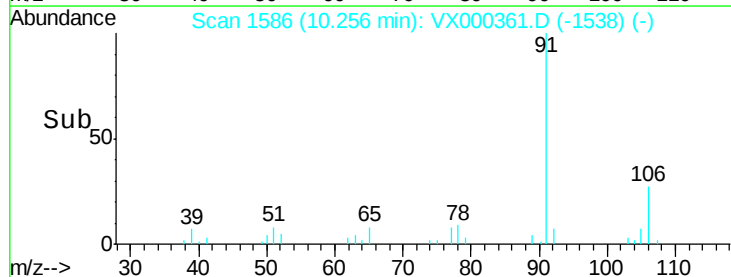


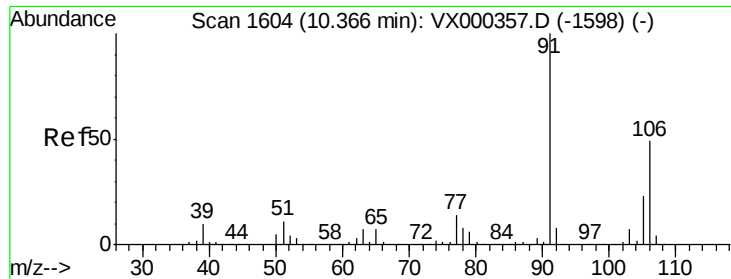
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



Time-->





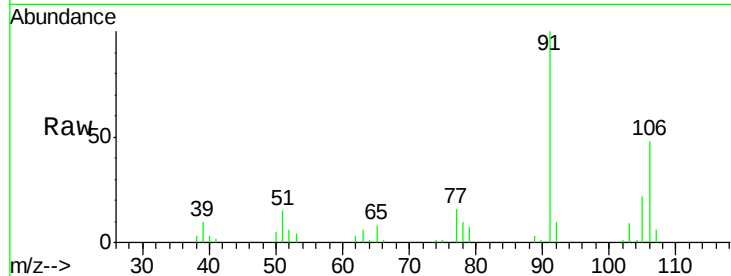
#68
m/p-Xvlenes
Concen: 2.09 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

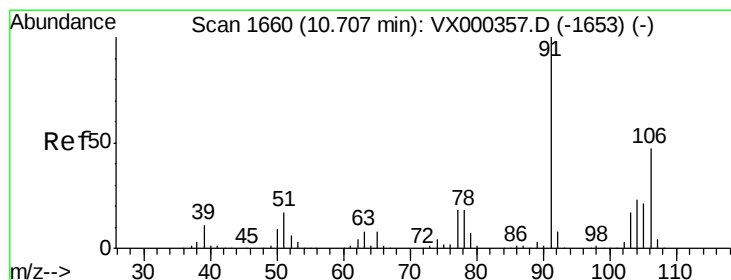
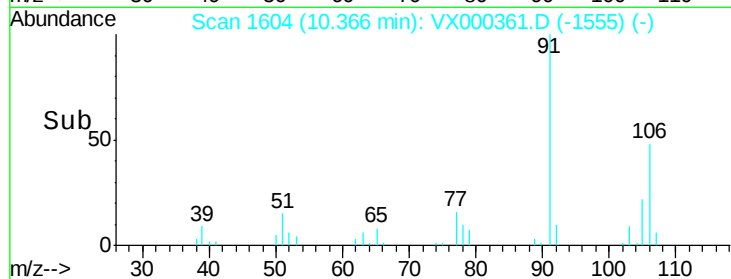
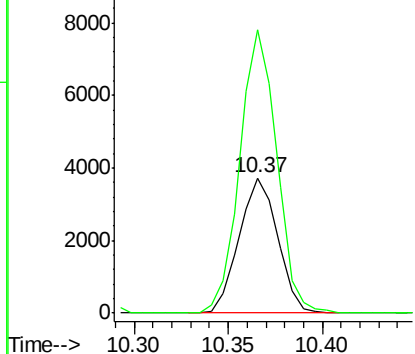
Tot Ion:106 Resp: 5296
Ion Ratio Lower Upper
106 100
91 200.1 163.4 245.2

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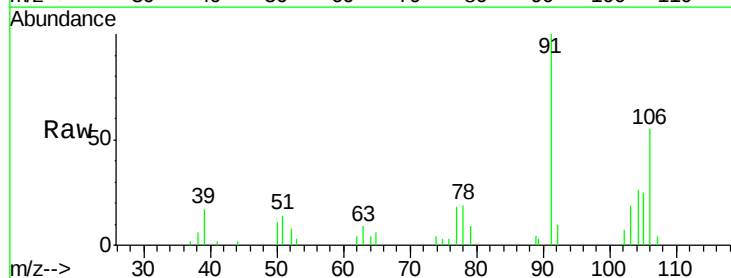


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

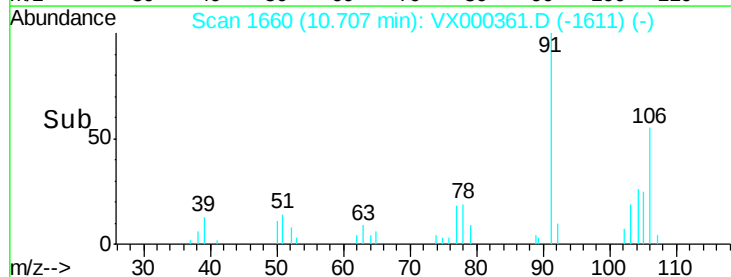
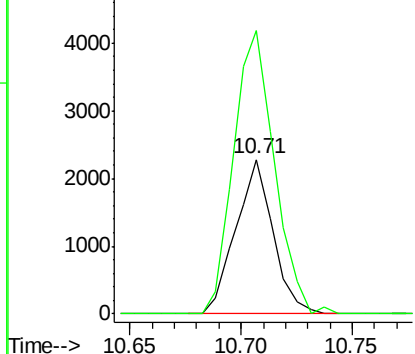


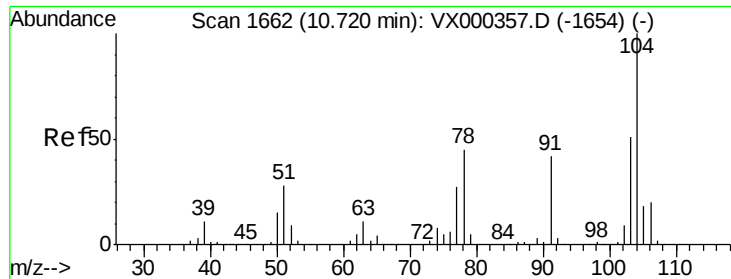
#69
o-Xylene
Concen: 1.08 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion:106 Resp: 2655
Ion Ratio Lower Upper
106 100
91 200.3 106.5 319.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





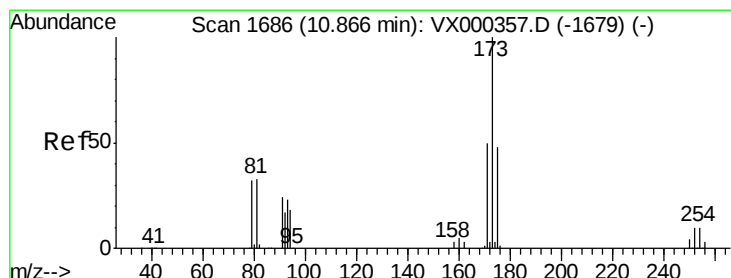
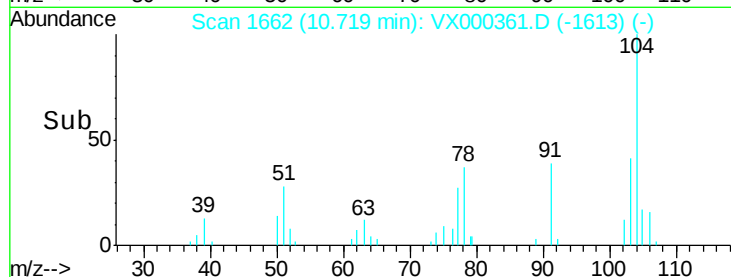
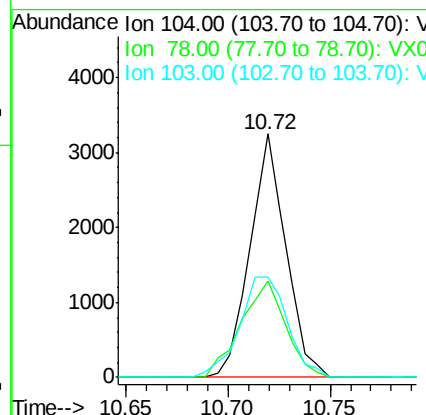
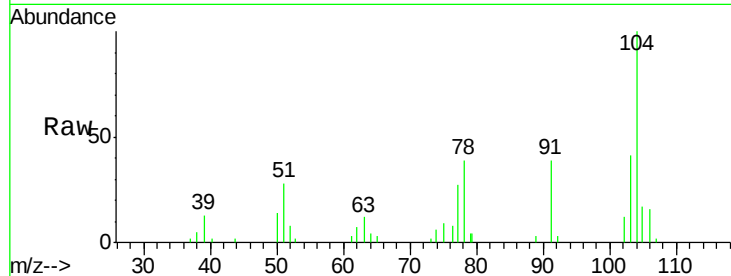
#70
Stvrene
Concen: 0.97 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.2	40.5	60.7
103	55.1	45.7	68.5

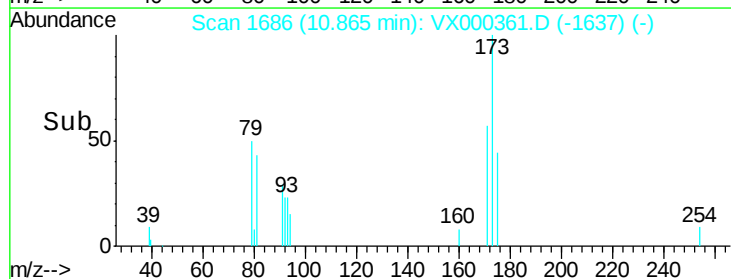
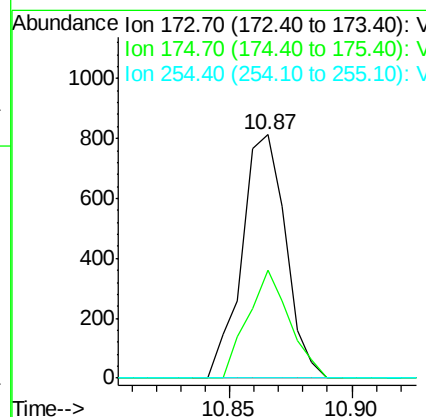
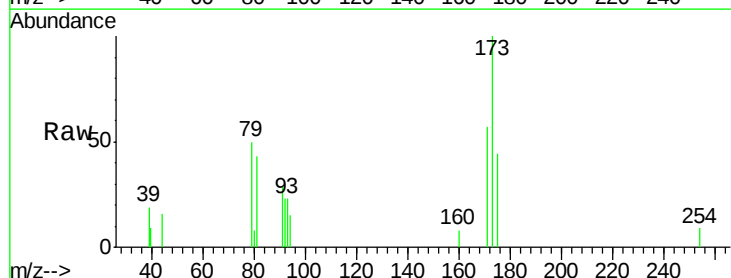
Manual Integrations
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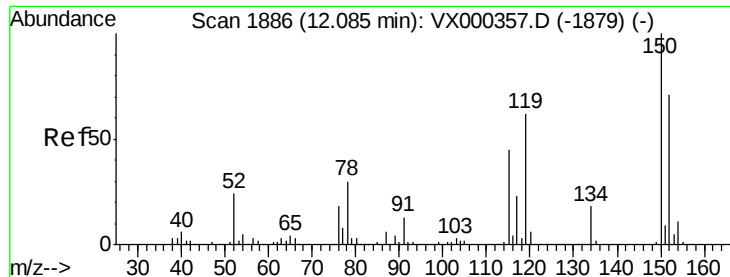
sam
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#71
Bromoform
Concen: 0.90 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion	Ratio	Lower	Upper
173	100		
175	42.5	25.4	76.4
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:152 Resp: 95346

Ion Ratio Lower Upper

152 100

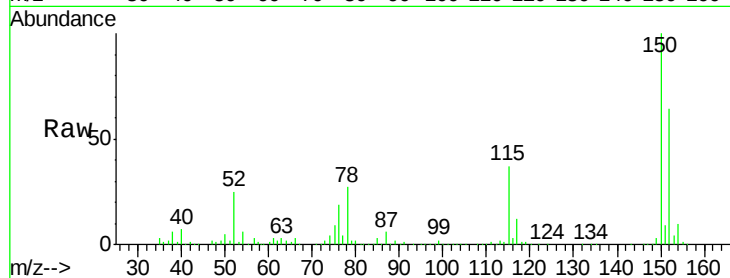
115 56.9 39.8 119.3

150 158.9 0.0 344.4

Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

150000

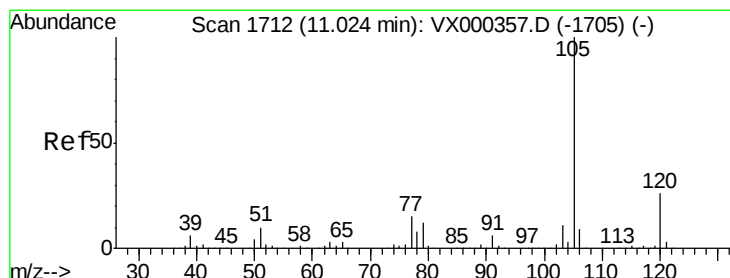
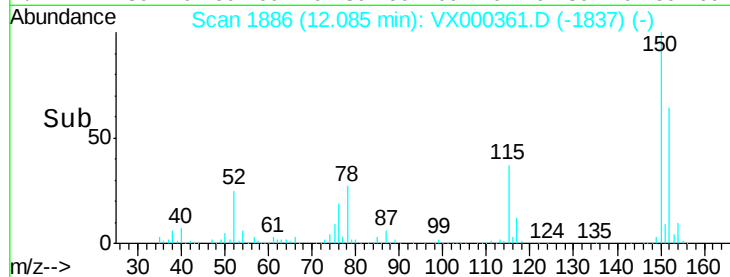
100000

50000

0

12.05 12.10 12.15

Time-->



#73

Isopropylbenzene

Concen: 1.11 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000361.D

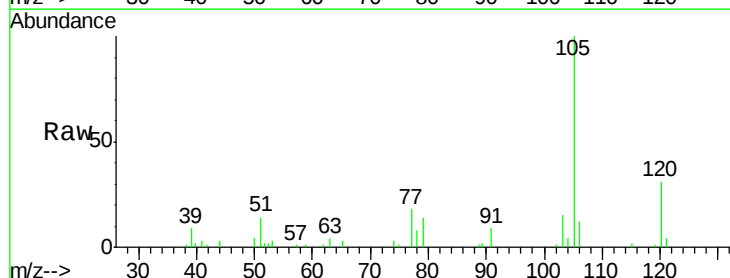
Acq: 20 Mar 2018 13:32

Tgt Ion:105 Resp: 6356

Ion Ratio Lower Upper

105 100

120 30.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

6000

5000

4000

3000

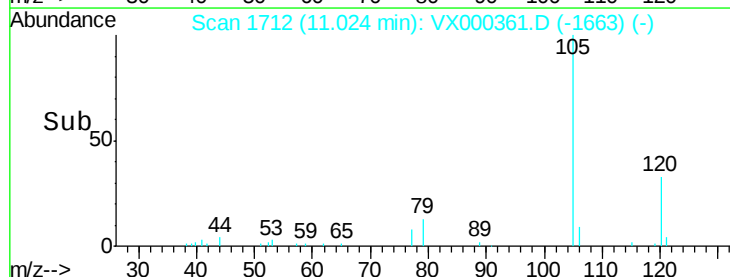
2000

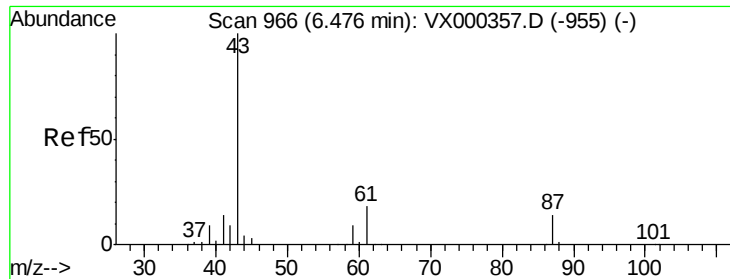
1000

0

11.00 11.05

Time-->





#74

N-amvl acetate

Concen: 1.45 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

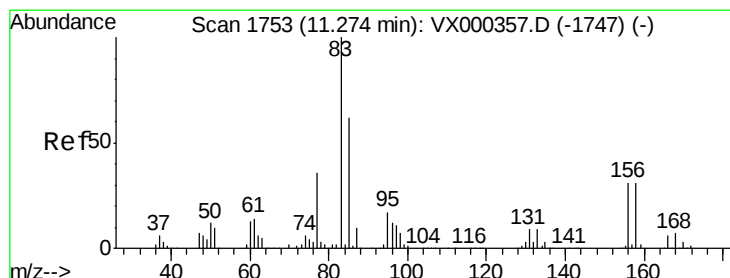
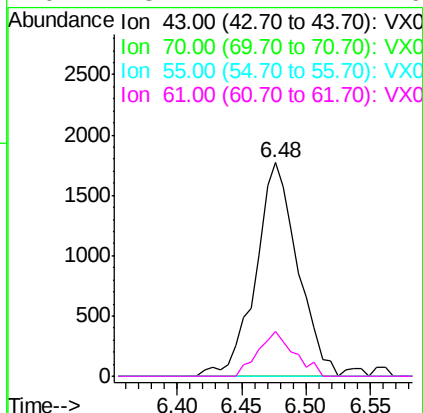
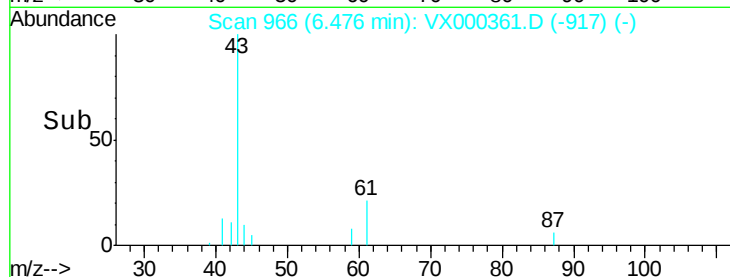
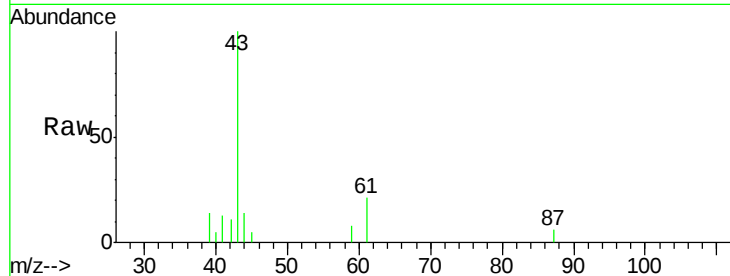
ClientSampled :

VSTDIC001

Tot Ion:	43	Resp:	3987
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	18.1	14.4	21.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.08 ug/l

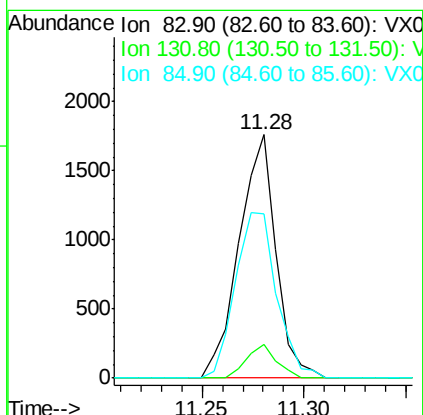
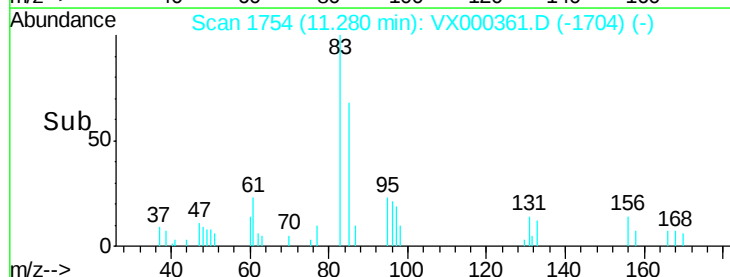
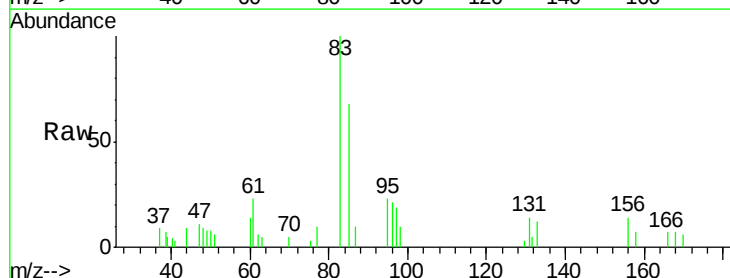
RT: 11.28 min Scan# 1754

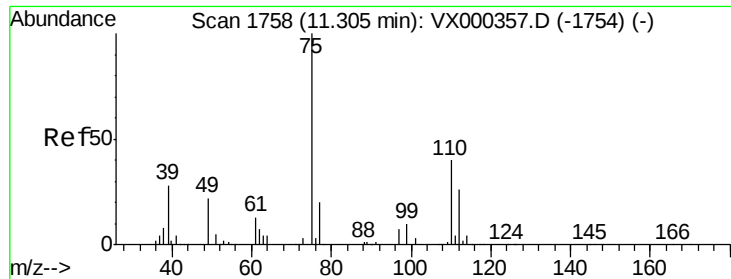
Delta R.T. 0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Tgt Ion:	83	Resp:	2211
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.0	14.9
85	76.2	32.5	97.5





#76

1,2,3-Trichloropropane

Concen: 1.20 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 75 Resp: 2301

Ion Ratio Lower Upper

75 100

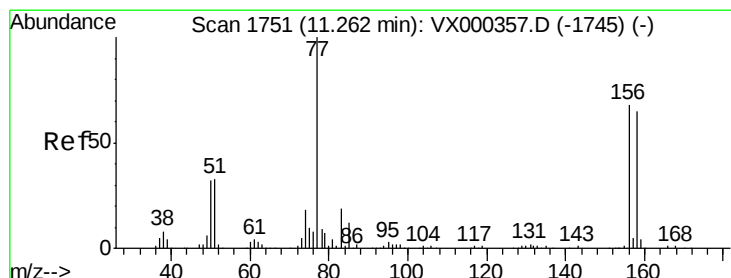
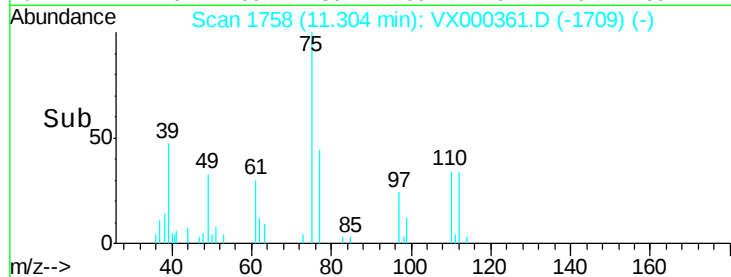
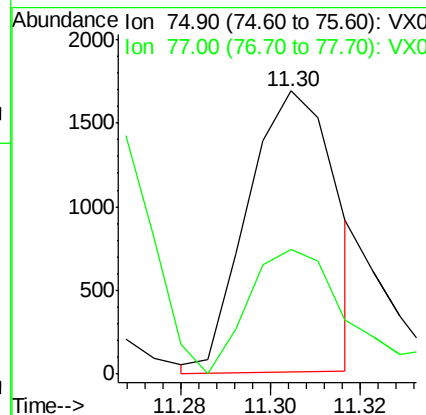
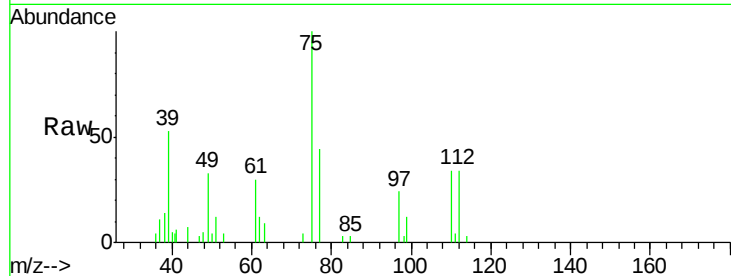
77 50.2 21.4 64.2

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#77

Bromobenzene

Concen: 1.32 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

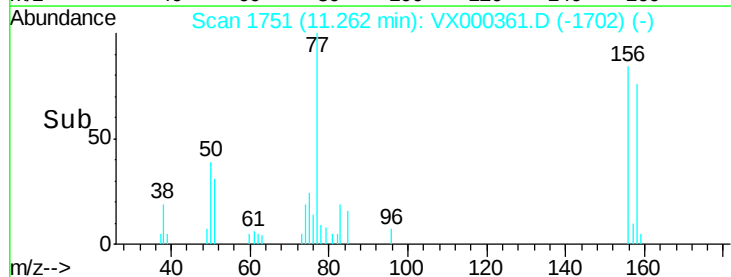
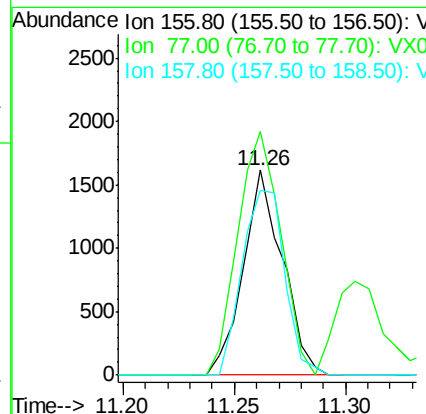
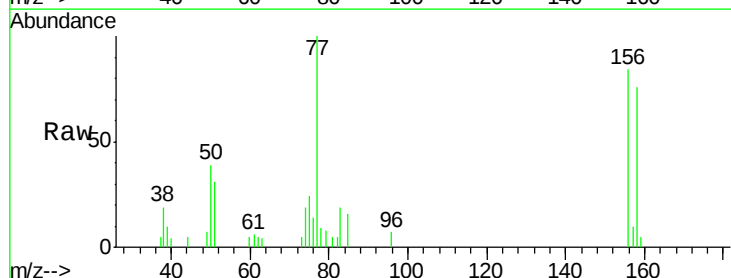
Tgt Ion: 156 Resp: 1990

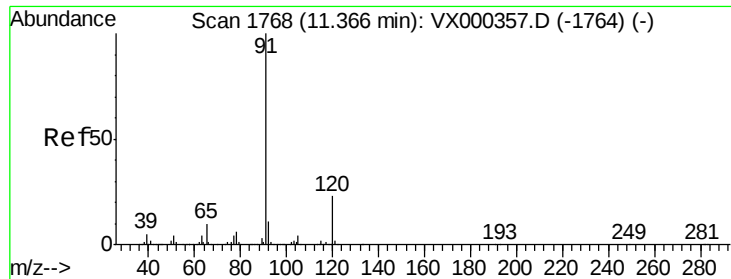
Ion Ratio Lower Upper

156 100

77 129.7 73.4 220.2

158 97.6 48.5 145.6





#78

n-propylbenzene

Concen: 1.21 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 8392

Ion Ratio Lower Upper

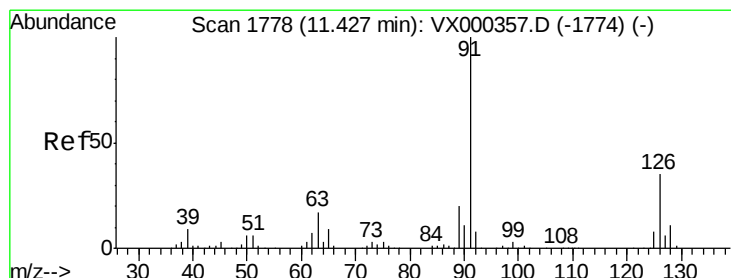
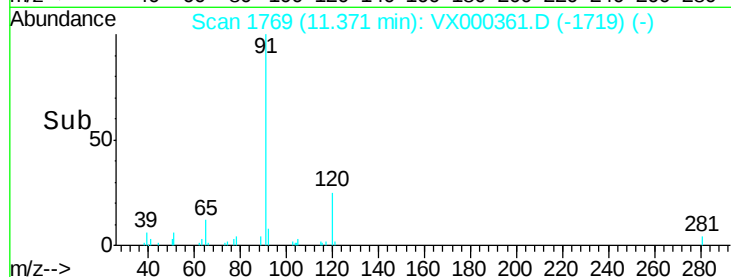
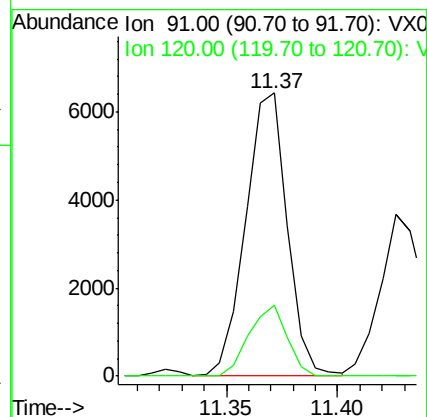
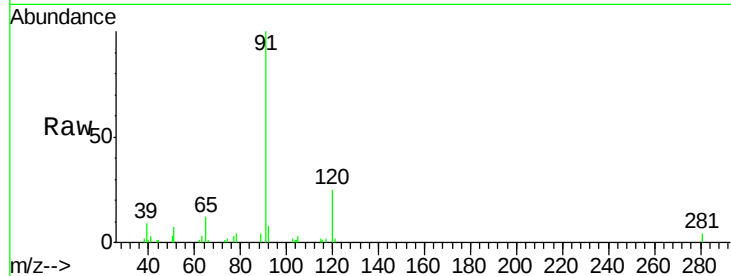
91 100

120 22.8 11.8 35.3

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#79

2-Chlorotoluene

Concen: 1.25 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000361.D

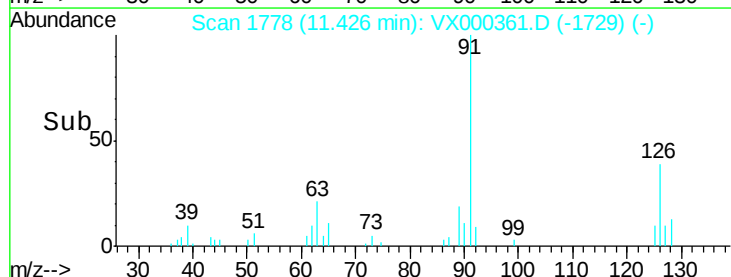
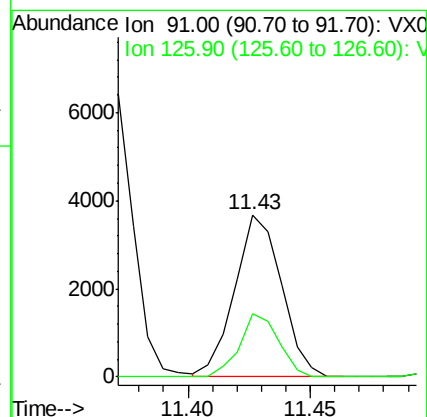
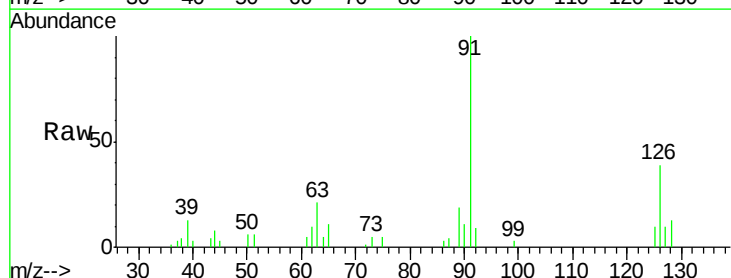
Acq: 20 Mar 2018 13:32

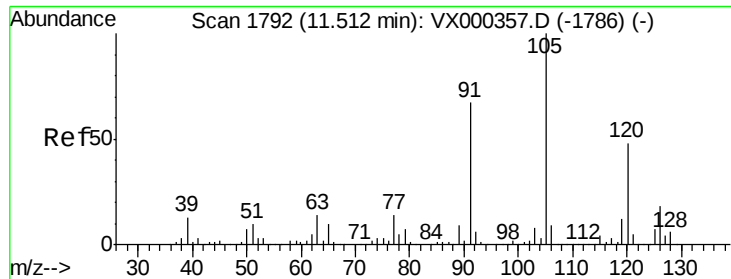
Tgt Ion: 91 Resp: 4919

Ion Ratio Lower Upper

91 100

126 32.2 17.7 53.1





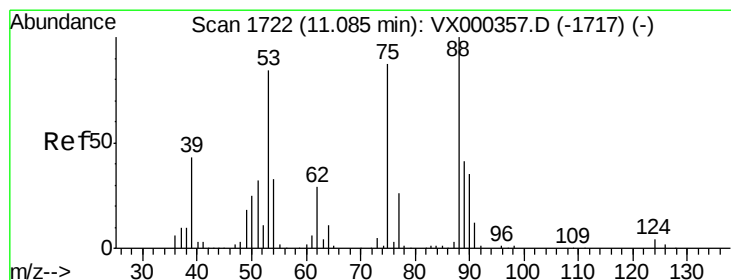
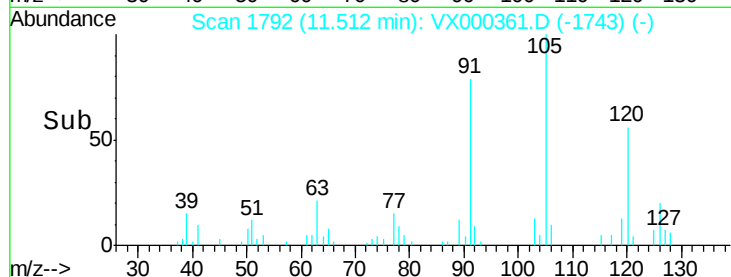
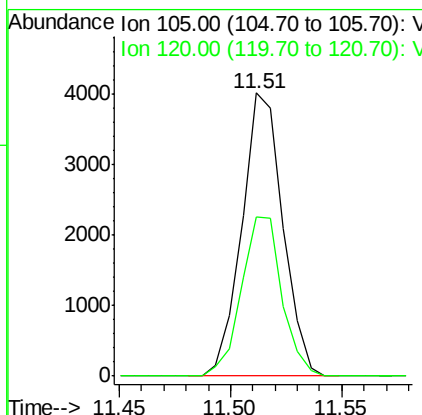
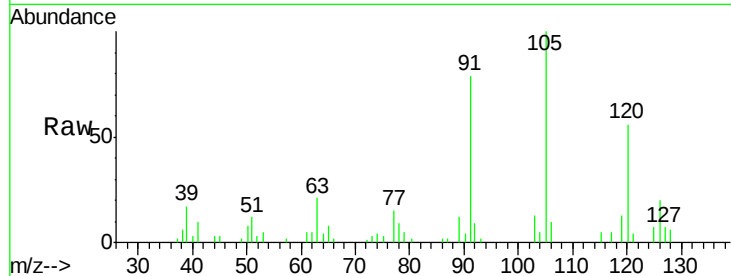
#80
 1,3,5-Trimethylbenzene
 Concen: 1.05 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion:105 Resp: 5157
 Ion Ratio Lower Upper
 105 100
 120 55.4 24.1 72.4

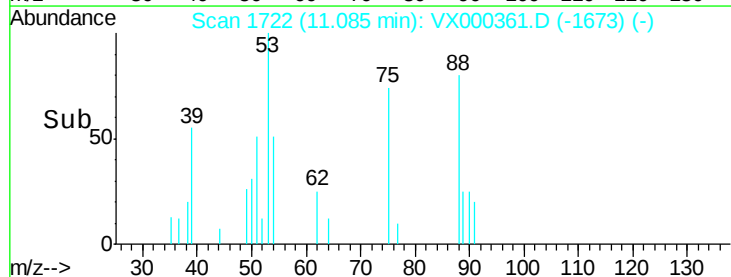
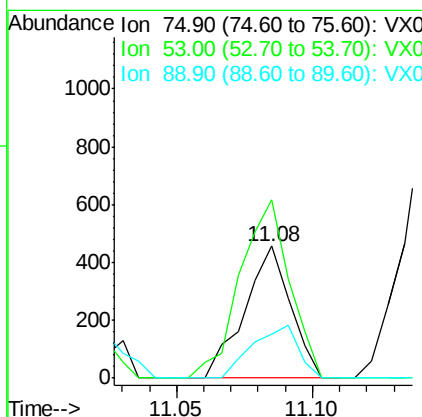
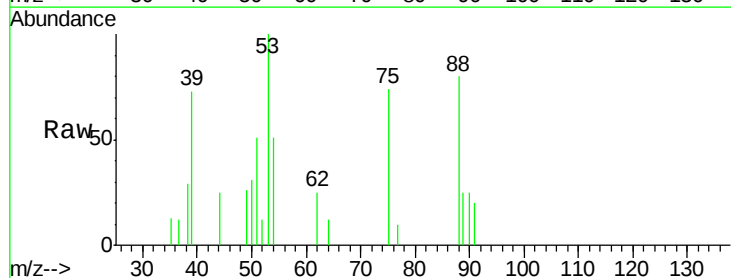
Manual Integrations
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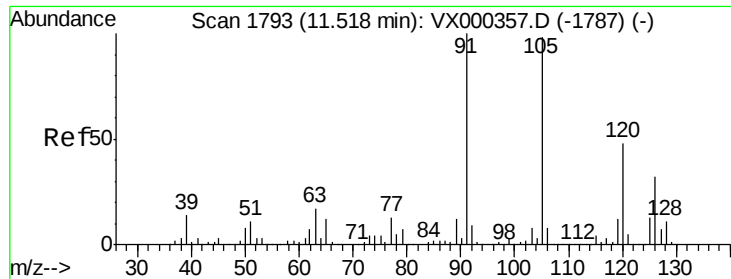
sam
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.95 ug/l
 RT: 11.08 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Tgt Ion: 75 Resp: 533
 Ion Ratio Lower Upper
 75 100
 53 145.8 80.7 121.1#
 89 40.2 39.4 59.0





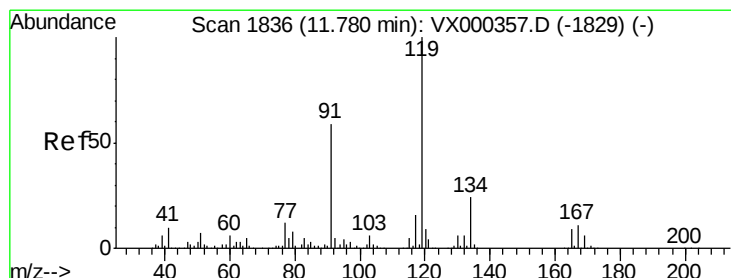
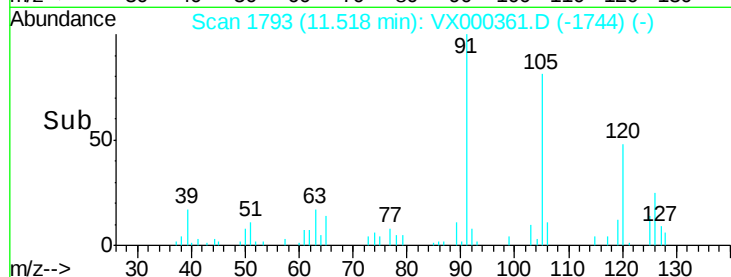
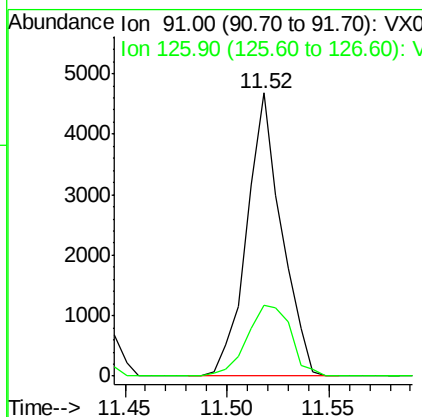
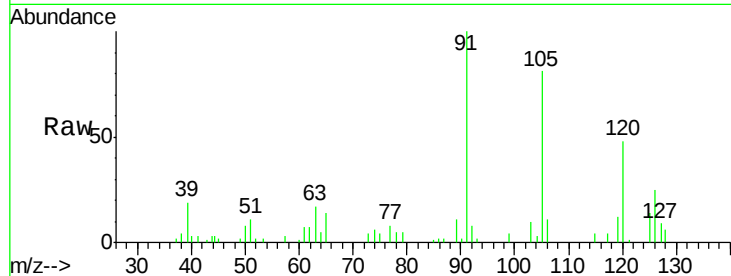
#82
4-Chlorotoluene
Concen: 1.15 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 91 Resp: 5567
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.1

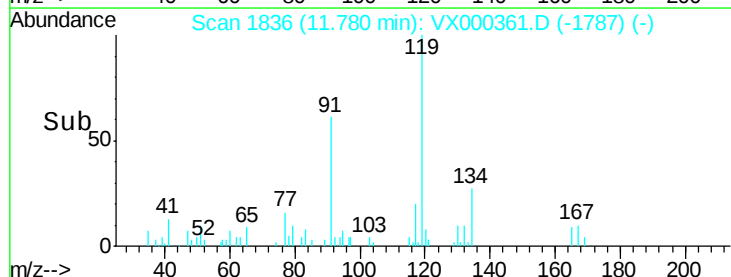
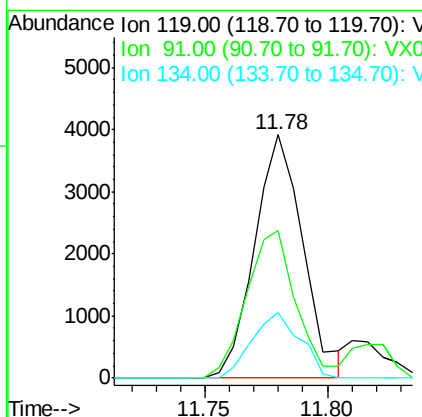
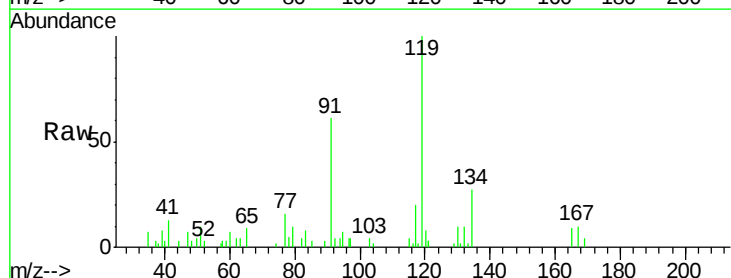
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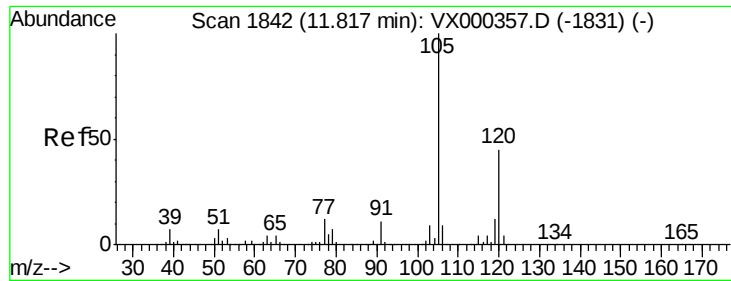
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#83
tert-Butylbenzene
Concen: 1.13 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion: 119 Resp: 5386
Ion Ratio Lower Upper
119 100
91 61.2 28.8 86.4
134 26.9 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 1.16 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:105 Resp: 5830

Ion Ratio Lower Upper

105 100

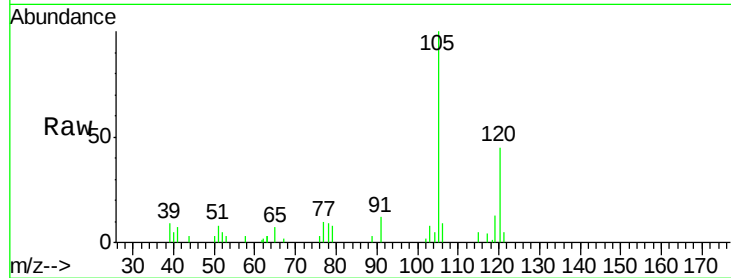
120 40.9 22.4 67.3

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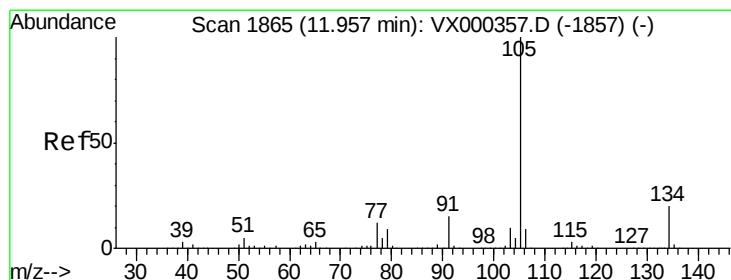
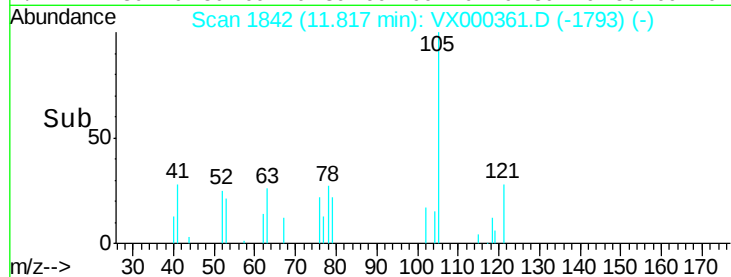
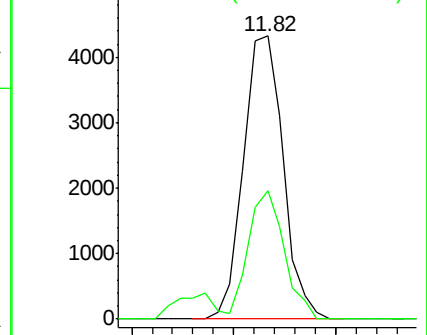
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.11 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000361.D

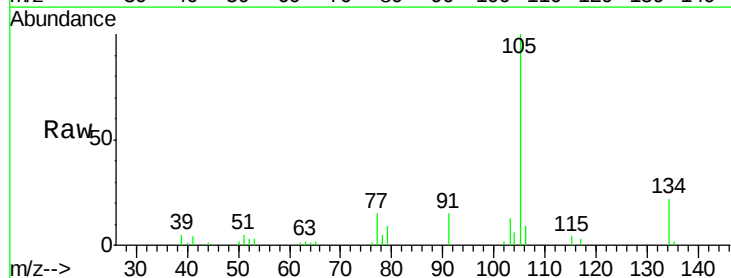
Acq: 20 Mar 2018 13:32

Tgt Ion:105 Resp: 6623

Ion Ratio Lower Upper

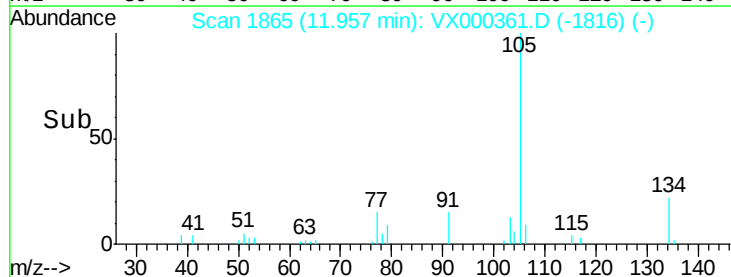
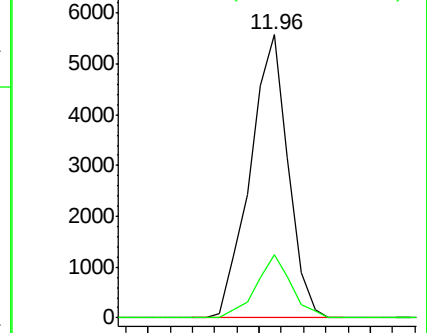
105 100

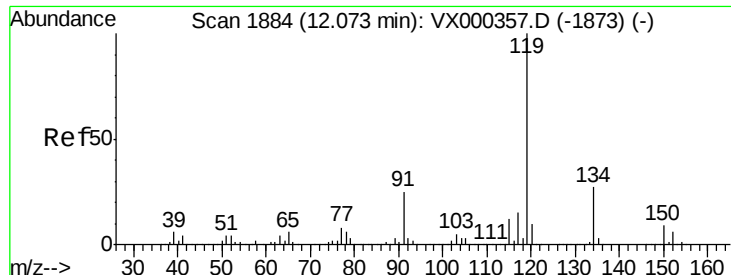
134 20.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





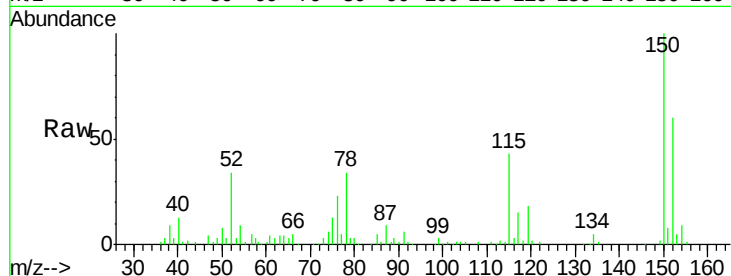
#86
p-Isopropyltoluene
Concen: 1.04 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

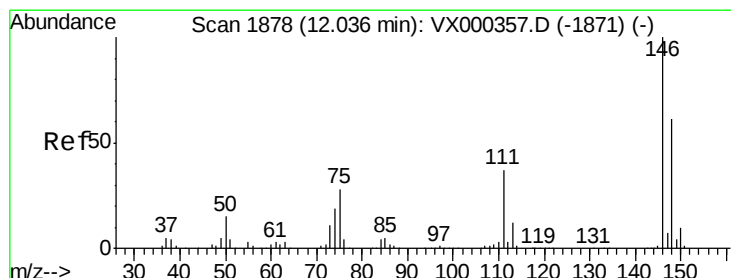
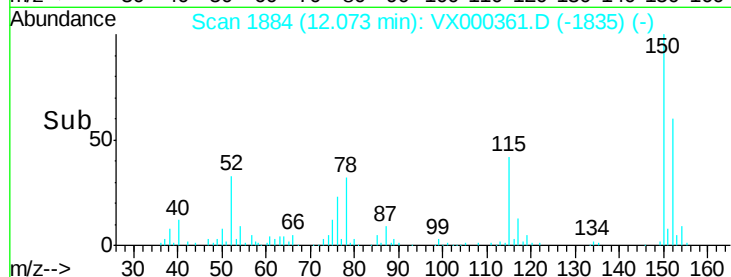
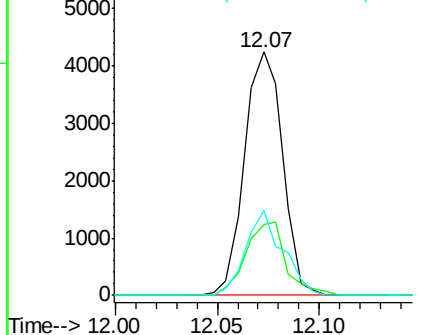
Tot Ion	Ratio	Lower	Upper
119	100		
134	32.0	13.3	39.9
91	33.8	12.0	36.1

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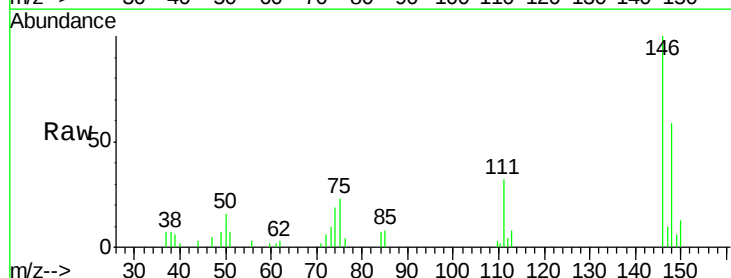


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

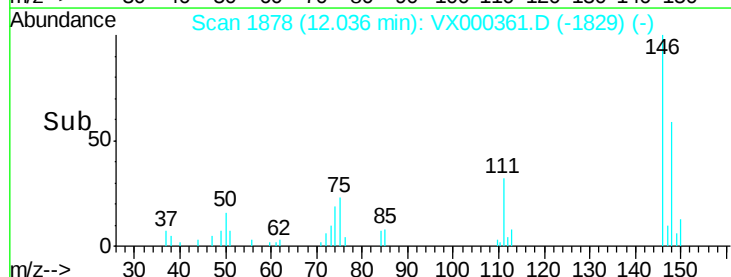
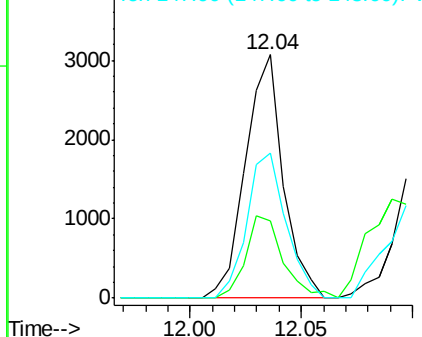


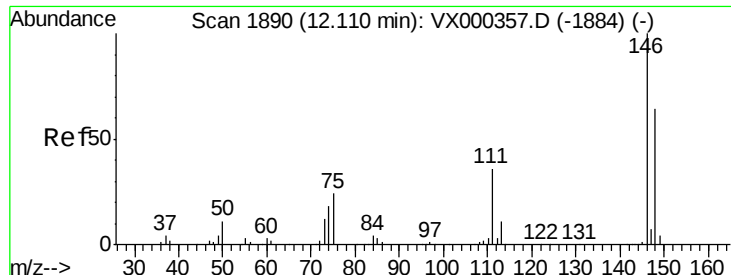
#87
1,3-Dichlorobenzene
Concen: 1.23 ug/l
RT: 12.04 min Scan# 1878
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	33.6	19.5	58.5
148	61.8	32.4	97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 1.30 ug/l m

RT: 12.10 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

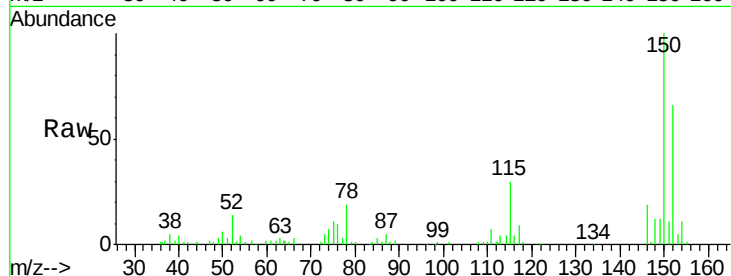
ClientSampleId :

VSTDIC001

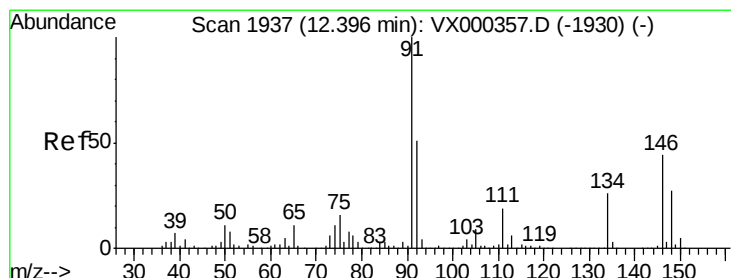
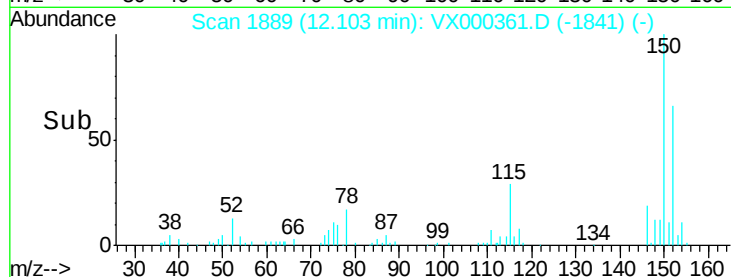
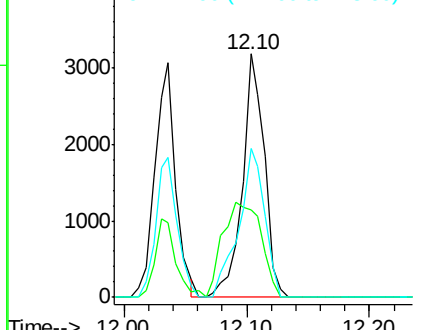
Tot Ion:	146	Resp:	3986
Ion Ratio	Lower	Upper	
146	100		
111	30.6	18.9	56.9
148	56.4	31.0	93.0

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 1.08 ug/l

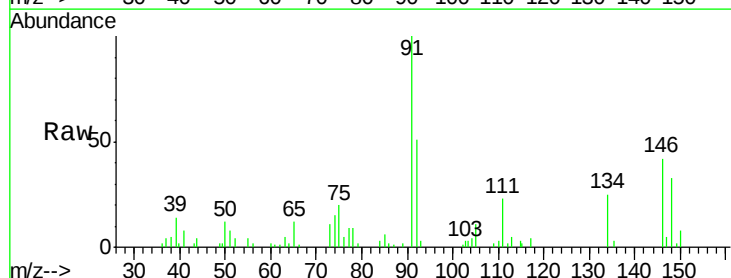
RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

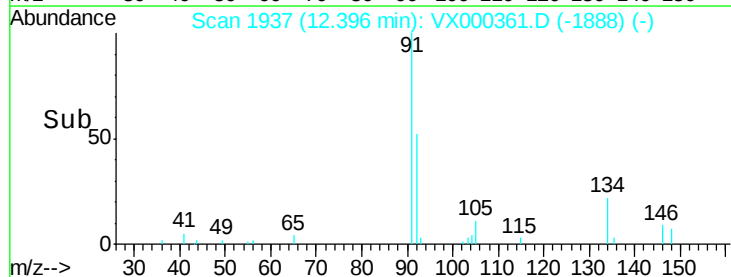
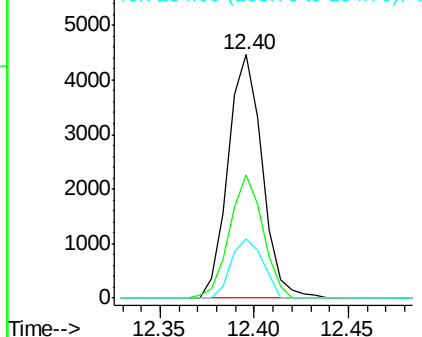
Lab File: VX000361.D

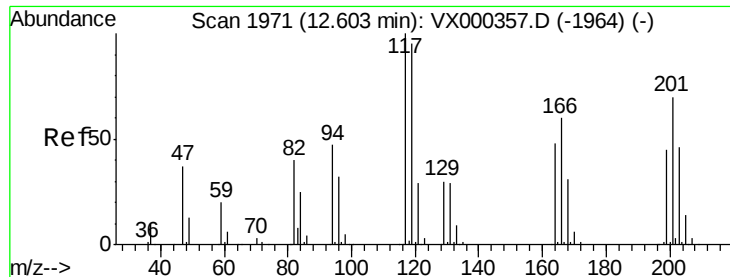
Acq: 20 Mar 2018 13:32

Tgt Ion:	91	Resp:	5604
Ion Ratio	Lower	Upper	
91	100		
92	49.2	25.9	77.8
134	22.7	13.1	39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





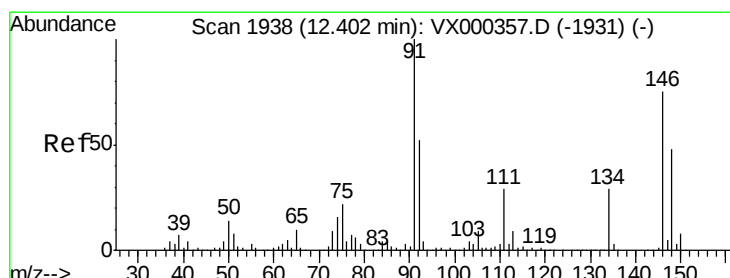
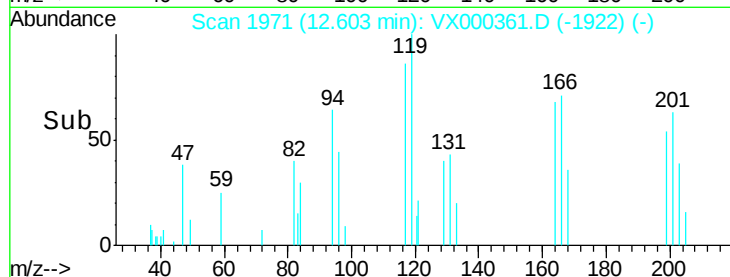
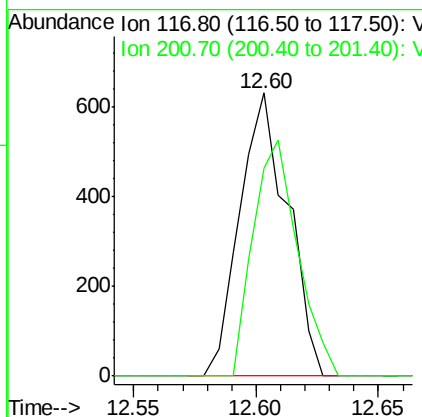
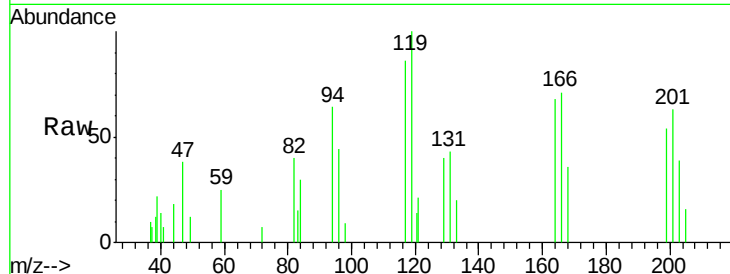
#90
Hexachloroethane
Concen: 1.00 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:117 Resp: 855
Ion Ratio Lower Upper
117 100
201 77.7 37.9 113.6

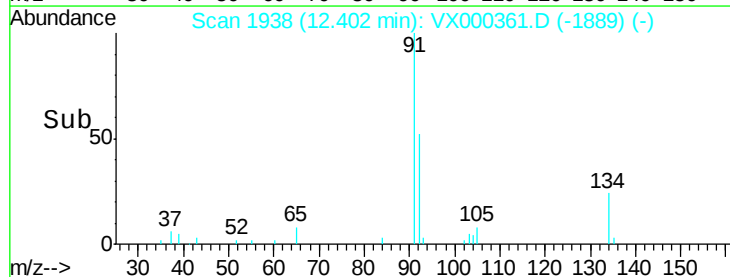
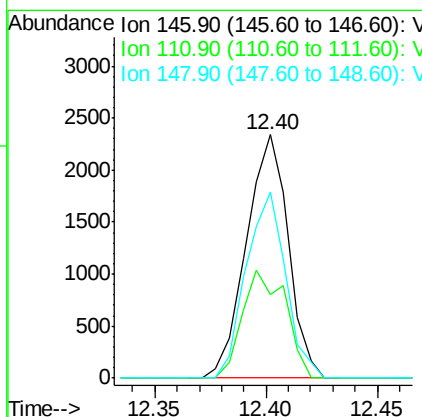
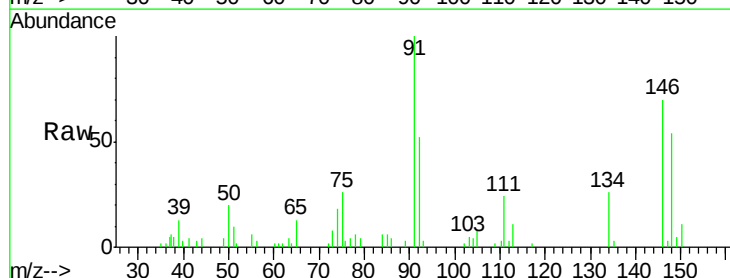
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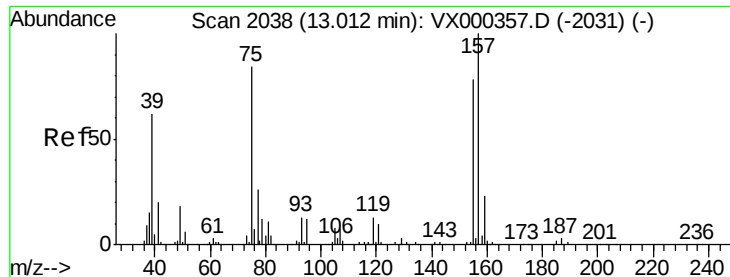
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#91
1,2-Dichlorobenzene
Concen: 1.07 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000361.D
Acq: 20 Mar 2018 13:32

Tgt Ion:146 Resp: 3068
Ion Ratio Lower Upper
146 100
111 45.5 20.1 60.2
148 72.2 31.2 93.6





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.23 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

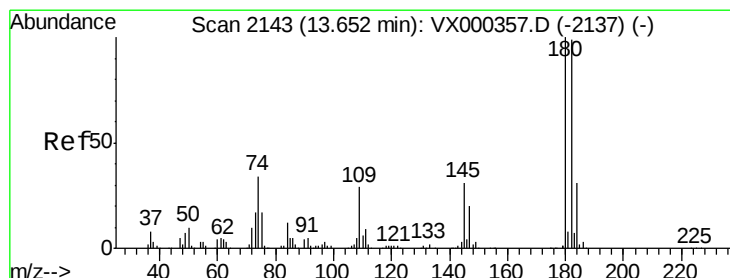
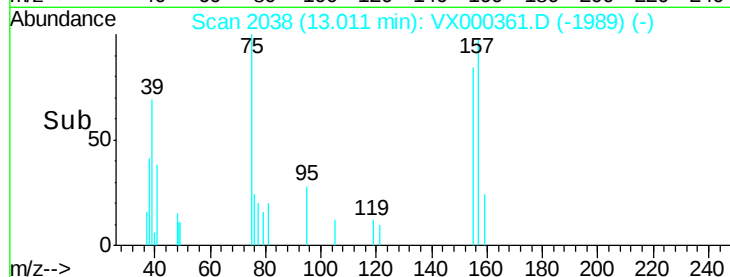
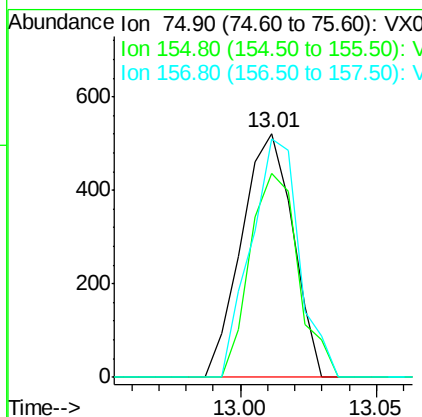
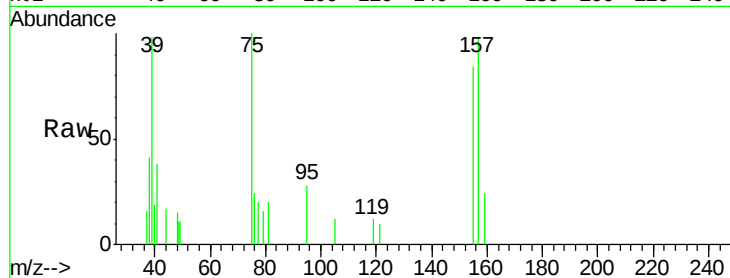
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	681
Ion	Ratio	Lower	Upper
75	100		
155	79.1	45.0	134.8
157	92.2	58.1	174.2

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#93

1,2,4-Trichlorobenzene

Concen: 1.23 ug/l

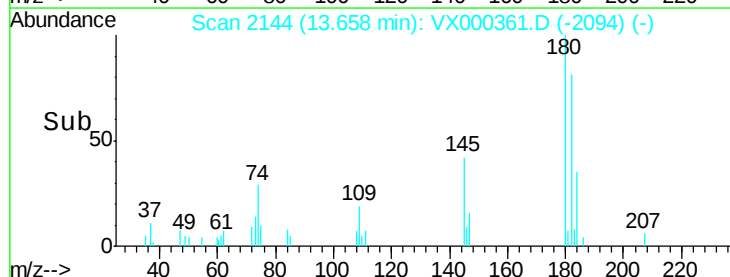
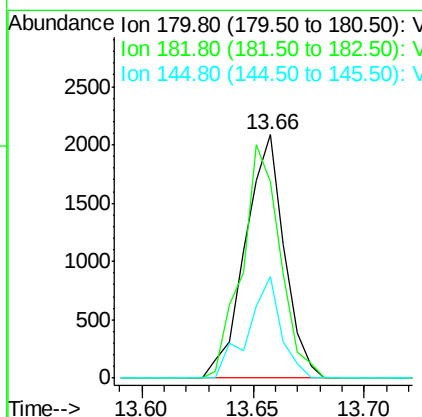
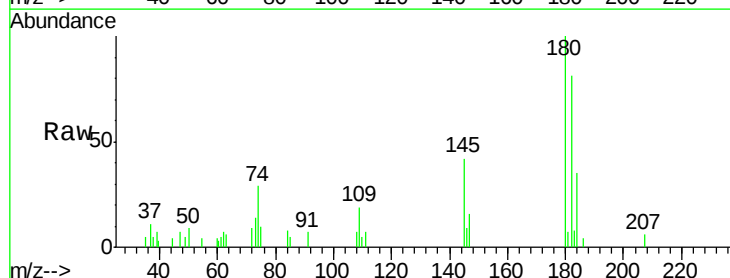
RT: 13.66 min Scan# 2144

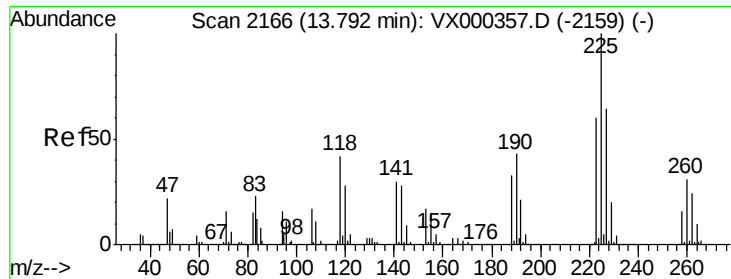
Delta R.T. 0.01 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Tgt Ion:	180	Resp:	2548
Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.6	142.9
145	35.4	15.1	45.3





#94

Hexachlorobutadiene

Concen: 1.20 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. -0.00 min

Lab File: VX000361.D

Acq: 20 Mar 2018 13:32

Instrument :

MSVOA_X

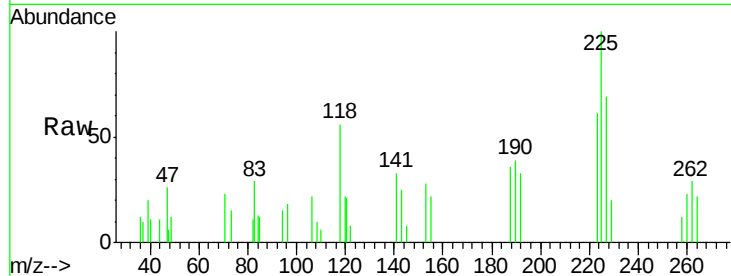
ClientSampleId :

VSTDIC001

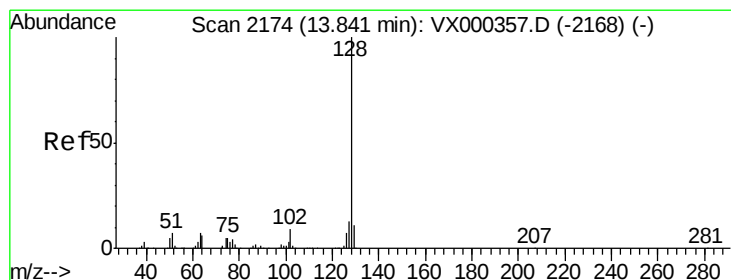
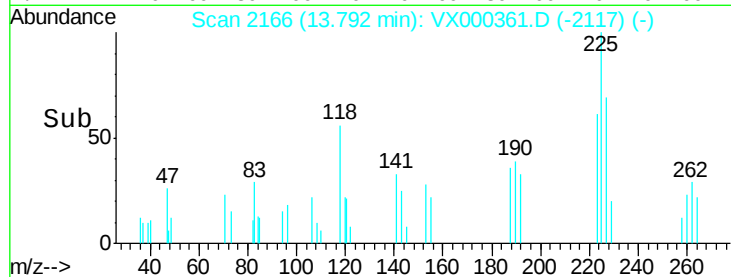
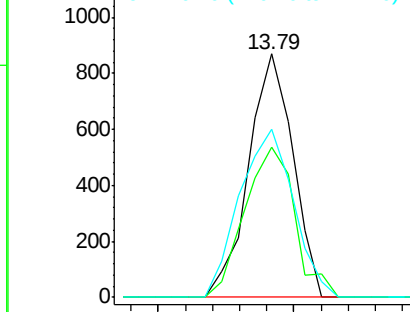
Tot Ion:	225	Resp:	981
Ion Ratio	Lower	Upper	
225	100		
223	69.7	32.0	96.0
227	84.1	32.6	98.0

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



#95

Naphthalene

Concen: 1.10 ug/l

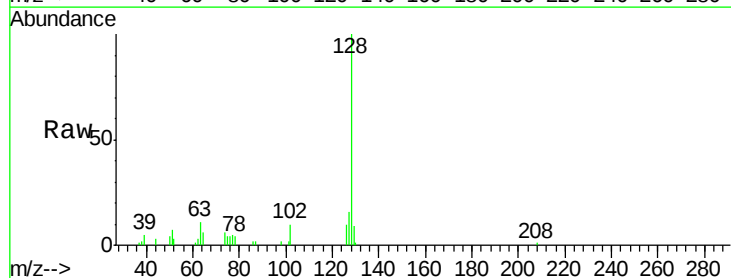
RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

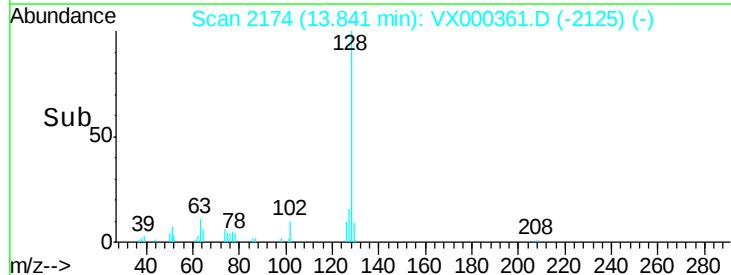
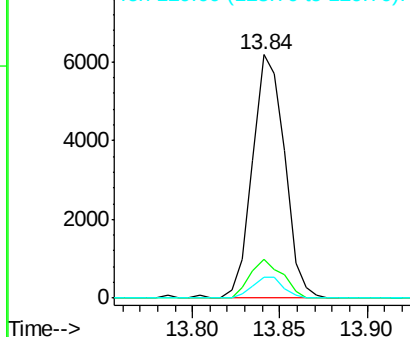
Lab File: VX000361.D

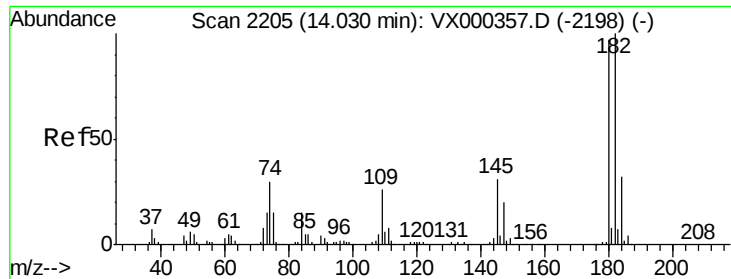
Acq: 20 Mar 2018 13:32

Tgt Ion:	128	Resp:	7894
Ion Ratio	Lower	Upper	
128	100		
127	15.9	10.6	15.8#
129	8.3	8.9	13.3#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.13 ug/l
 RT: 14.03 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VX000361.D
 Acq: 20 Mar 2018 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	180	Resp:	2366
Ion Ratio	Lower	Upper	
180	100		
182	104.0	47.4	142.3
145	29.7	15.8	47.3

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