

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032218\
 Data File : VX000403.D
 Acq On : 22 Mar 2018 13:57
 Operator : JC/MD
 Sample : VX0322WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

Manual Integrations
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 3/23/2018 1:53:01 PM

Quant Time: Mar 23 06:03:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	109958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	178063	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	175166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	94117	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	75129	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
35) Dibromofluoromethane	5.51	113	59751	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
50) Toluene-d8	8.73	98	233898	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.15	95	85436	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	20881	17.23	ug/l	100
3) Chloromethane	1.32	50	23289	18.24	ug/l	95
4) Vinyl Chloride	1.41	62	25833	19.15	ug/l	94
5) Bromomethane	1.64	94	25370	15.74	ug/l	97
6) Chloroethane	1.73	64	17825	23.26	ug/l	98
7) Trichlorofluoromethane	1.93	101	48332	19.85	ug/l	100
8) Diethyl Ether	2.20	74	17532	20.15	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27136	19.99	ug/l	99
10) Methyl Iodide	2.52	142	17315	16.05	ug/l	98
11) Tert butyl alcohol	3.07	59	50158	101.59	ug/l	99
12) 1,1-Dichloroethene	2.38	96	23770	19.94	ug/l	99
13) Acrolein	2.30	56	14416	100.69	ug/l	96
14) Allyl chloride	2.73	41	44427	21.05	ug/l	98
15) Acrylonitrile	3.15	53	101406	101.41	ug/l	99
16) Acetone	2.45	43	118959	99.63	ug/l	96
17) Carbon Disulfide	2.57	76	60045	18.95	ug/l	99
18) Methyl Acetate	2.79	43	51946	20.75	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	89415	20.28	ug/l	97
20) Methylene Chloride	2.86	84	27461	19.91	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	25303	19.03	ug/l	95
22) Diisopropyl ether	3.88	45	64706	17.37	ug/l	97
23) Vinyl Acetate	3.84	43	304508	86.21	ug/l	100
24) 1,1-Dichloroethane	3.70	63	39841	17.01	ug/l	99
25) 2-Butanone	4.71	43	128308	95.60	ug/l	99
26) 2,2-Dichloropropane	4.59	77	31315	19.07	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	23968	19.29	ug/l	96
28) Bromochloromethane	5.03	49	21682	22.45	ug/l	96
29) Tetrahydrofuran	5.18	42	77982	94.44	ug/l	98
30) Chloroform	5.23	83	41981	19.12	ug/l	97
31) Cyclohexane	5.59	56	32070	17.71	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	36956	18.66	ug/l	98
36) 1,1-Dichloropropene	5.81	75	30472	18.27	ug/l	99
37) Ethyl Acetate	4.87	43	42401	18.61	ug/l	99
38) Carbon Tetrachloride	5.79	117	30613	17.49	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	35962	17.73	ug/l	97
40) Benzene	6.15	78	91866	18.97	ug/l	97
41) Methacrylonitrile	5.07	41	21677	18.05	ug/l	97
42) 1,2-Dichloroethane	6.21	62	35118	18.48	ug/l	98
43) Isopropyl Acetate	6.48	43	61081	18.01	ug/l	99
44) Trichloroethene	7.23	130	25743	18.55	ug/l	98
45) 1,2-Dichloropropane	7.53	63	22796	18.39	ug/l	97
46) Dibromomethane	7.67	93	18207	18.71	ug/l	97
47) Bromodichloromethane	7.91	83	32059	18.72	ug/l	97
48) Methyl methacrylate	7.79	41	30504	18.53	ug/l	97
49) 1,4-Dioxane	7.76	88	13203	381.49	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	246972	94.08	ug/l	97
52) Toluene	8.79	92	63007	18.61	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	36609	18.45	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	34210	17.78	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	26166	18.79	ug/l	98
56) Ethyl methacrylate	9.19	69	37345	17.70	ug/l	97
57) 1,3-Dichloropropane	9.38	76	42522	19.09	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	101322	100.05	ug/l	99
59) 2-Hexanone	9.51	43	207852	93.25	ug/l	98
60) Dibromochloromethane	9.59	129	25830	18.50	ug/l	96
61) 1,2-Dibromoethane	9.68	107	27982	18.74	ug/l	98
64) Tetrachloroethene	9.34	164	26154	19.24	ug/l	95
65) Chlorobenzene	10.15	112	72502	18.60	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	25665	19.39	ug/l	98
67) Ethyl Benzene	10.26	91	122643	18.56	ug/l	97
68) m/p-Xylenes	10.37	106	94700	36.42	ug/l	99
69) o-Xylene	10.71	106	45758	18.17	ug/l	98
70) Styrene	10.72	104	74837	17.96	ug/l	99
71) Bromoform	10.87	173	19811	17.76	ug/l #	98
73) Isopropylbenzene	11.02	105	128040	20.53	ug/l	98
74) N-amyl acetate	6.48	43	61081	20.53	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	46624	21.14	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	41865m	20.70	ug/l	
77) Bromobenzene	11.26	156	31922	19.22	ug/l	100
78) n-propylbenzene	11.37	91	145345	19.55	ug/l	98
79) 2-Chlorotoluene	11.43	91	83392	19.41	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	103076	19.66	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	11670	18.68	ug/l	91
82) 4-Chlorotoluene	11.52	91	101097	19.71	ug/l	100
83) tert-Butylbenzene	11.78	119	104462	19.75	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	107880	19.62	ug/l	100
85) sec-Butylbenzene	11.96	105	131006	20.02	ug/l	97
86) p-Isopropyltoluene	12.07	119	111928	19.26	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	57766	18.39	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	59492	18.04	ug/l	97
89) n-Butylbenzene	12.40	91	100460	18.57	ug/l	98
90) Hexachloroethane	12.60	117	18232	19.93	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	59596	19.35	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12152	19.76	ug/l	97

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MSVOA_X
ClientSampleId :
VX0322WBSD01

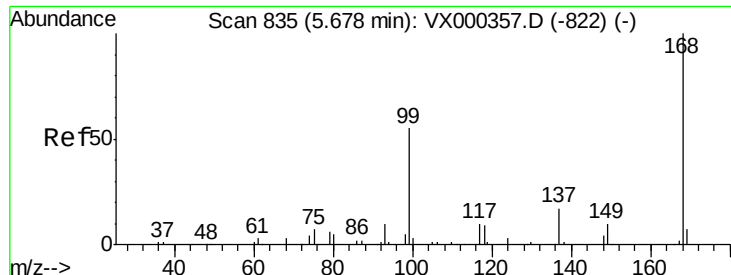
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	41822	18.94	ug/l	97
94) Hexachlorobutadiene	13.79	225	17807	19.48	ug/l	99
95) Naphthalene	13.84	128	154310	20.07	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	43269	19.84	ug/l	99

(#) = 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: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01

Tot Ion:168 Resp: 109958

Ion Ratio Lower Upper

168 100

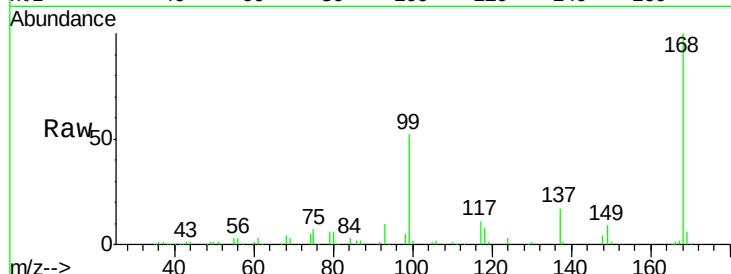
99 51.9 45.8 68.6

Manual Integrations

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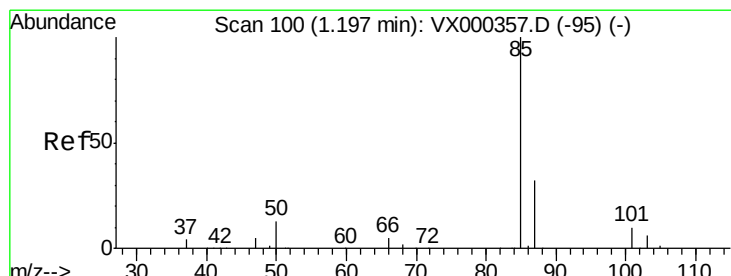
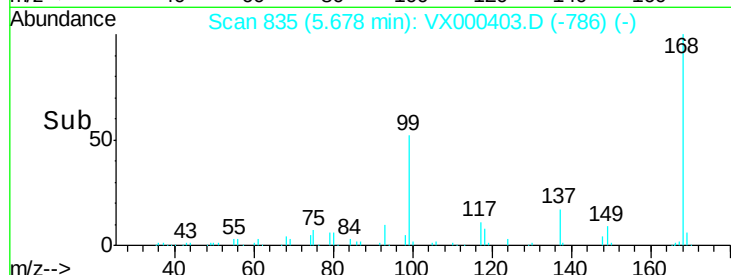
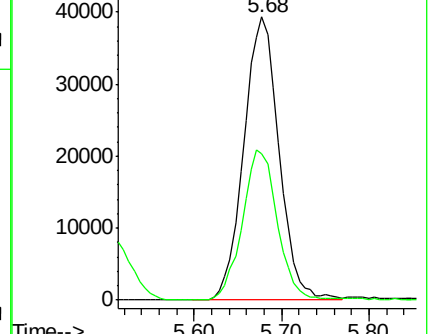
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.23 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000403.D

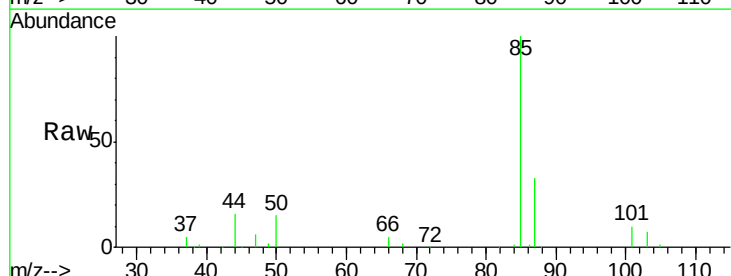
Acq: 22 Mar 2018 13:57

Tgt Ion: 85 Resp: 20881

Ion Ratio Lower Upper

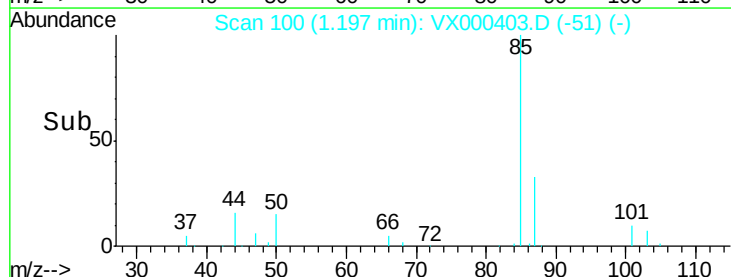
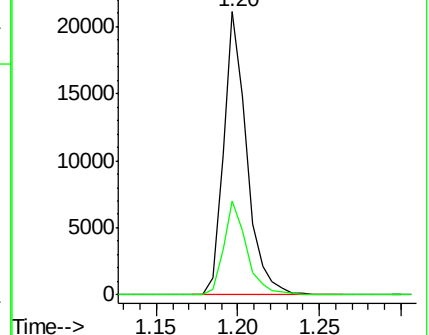
85 100

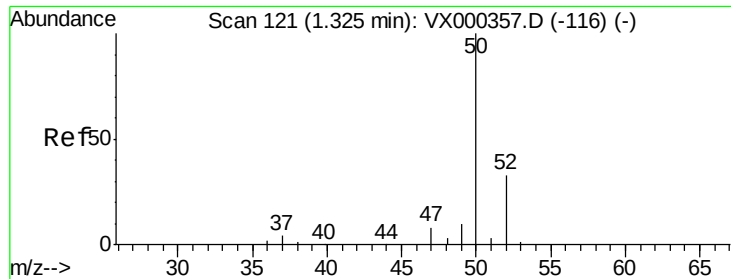
87 33.2 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.24 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01

Tot Ion: 50 Resp: 23289

Ion Ratio Lower Upper

50 100

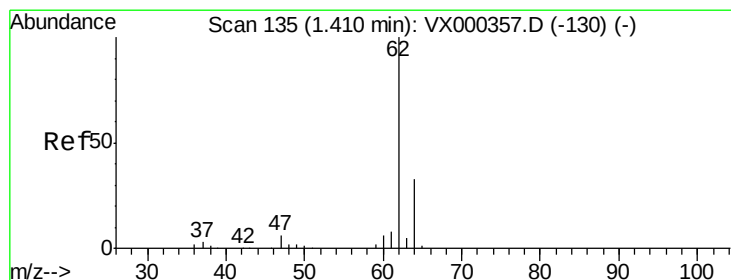
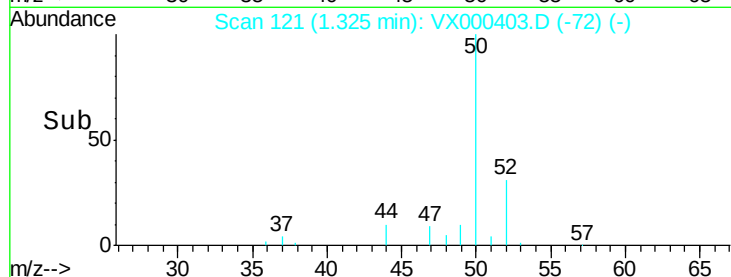
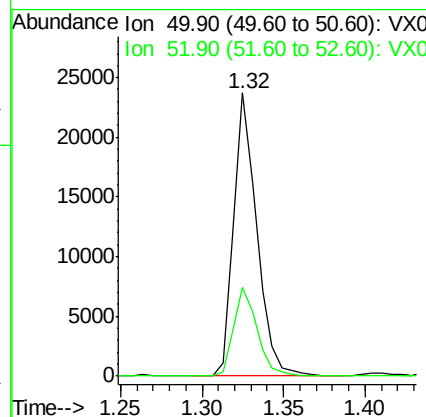
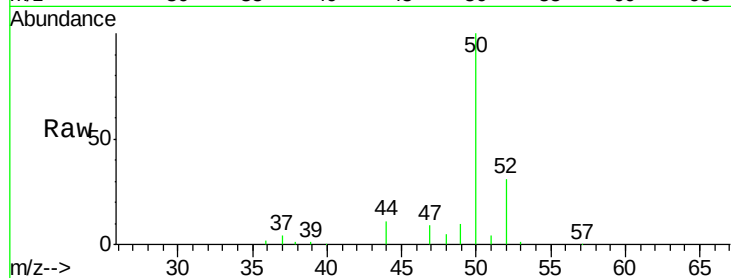
52 31.3 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.15 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000403.D

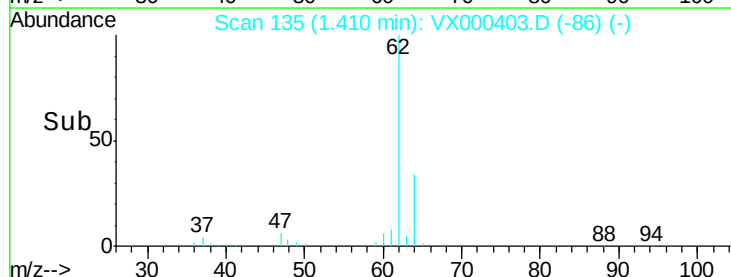
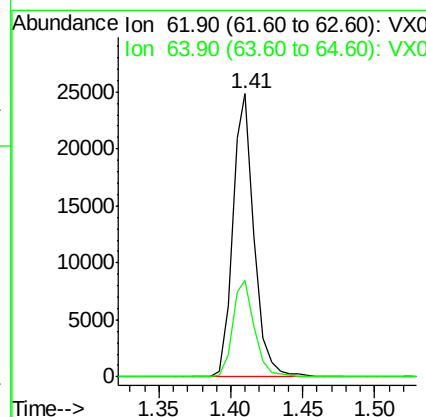
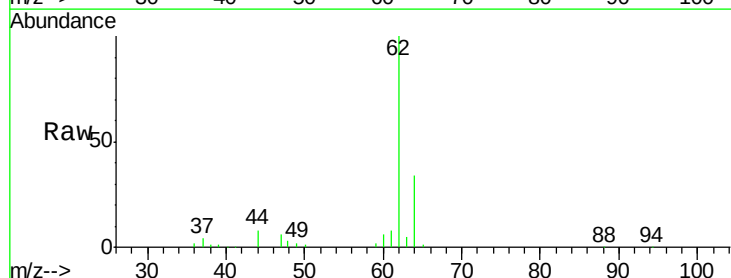
Acq: 22 Mar 2018 13:57

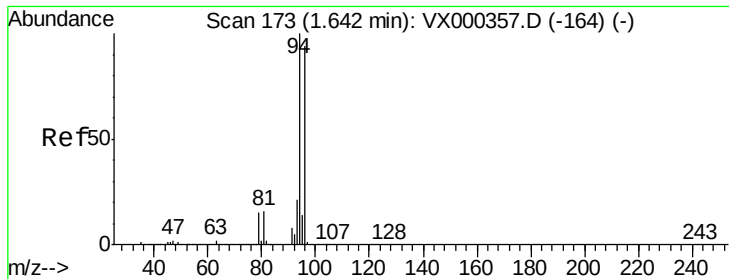
Tgt Ion: 62 Resp: 25833

Ion Ratio Lower Upper

62 100

64 34.3 24.8 37.2





#5

Bromomethane

Concen: 15.74 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01

Tot Ion: 94 Resp: 25370

Ion Ratio Lower Upper

94 100

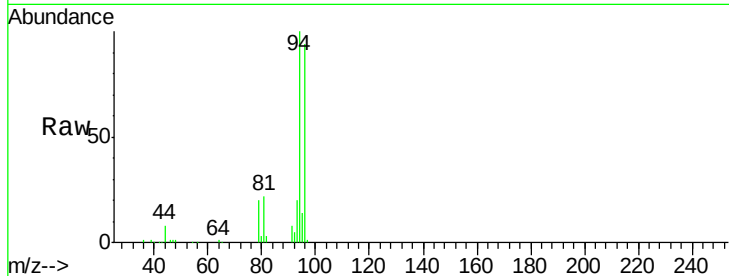
96 93.7 77.7 116.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

20000

15000

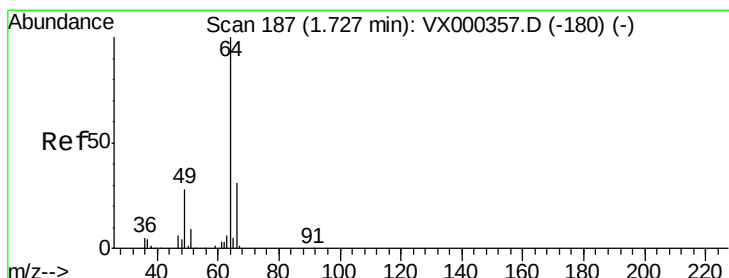
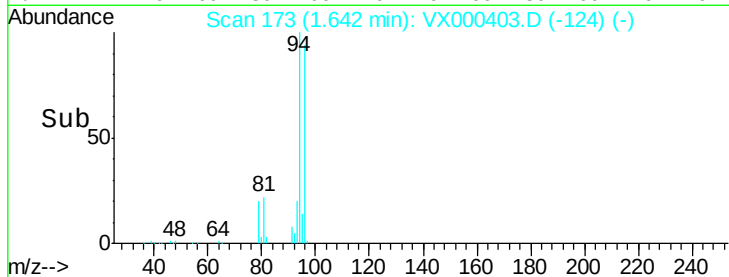
10000

5000

0

1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: 23.26 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000403.D

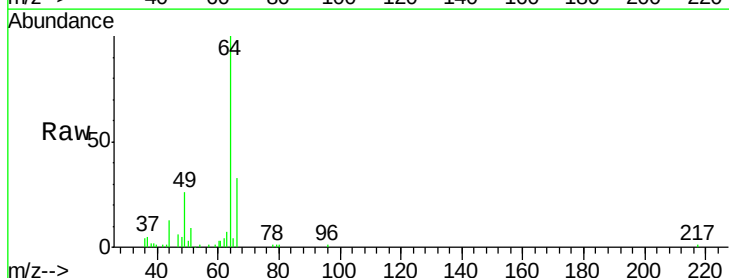
Acq: 22 Mar 2018 13:57

Tgt Ion: 64 Resp: 17825

Ion Ratio Lower Upper

64 100

66 32.3 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

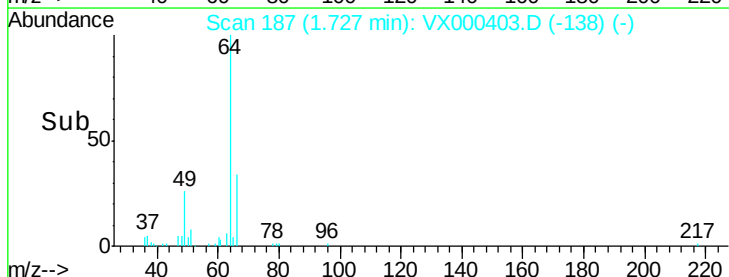
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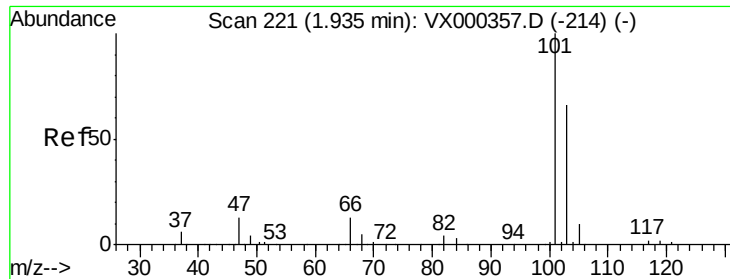
5000

0

1.70 1.75 1.80

Time-->





#7

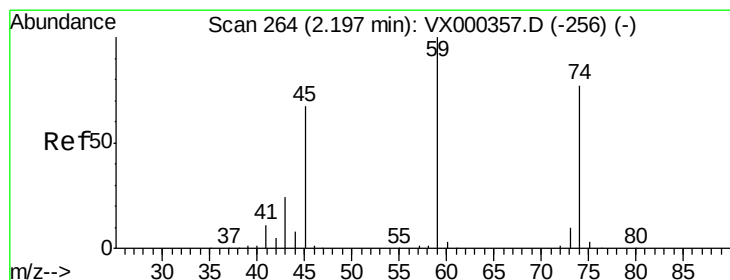
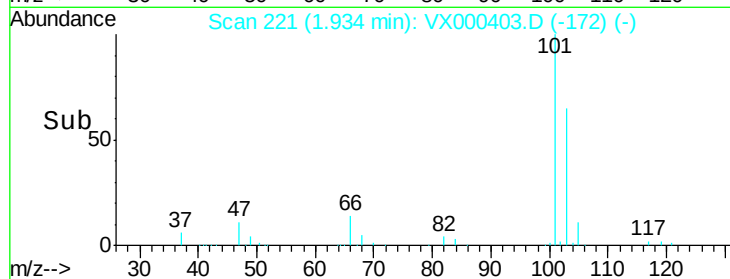
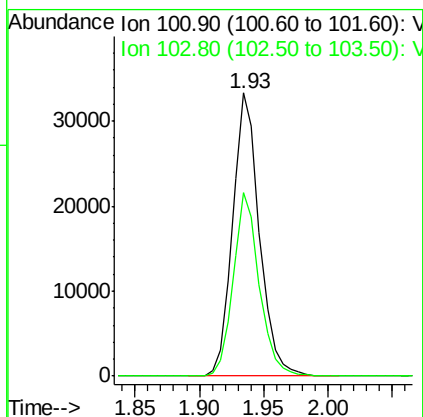
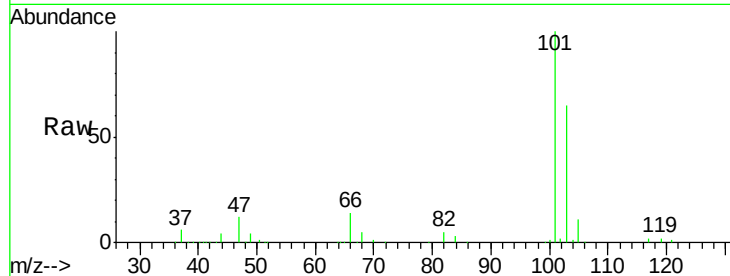
Trichlorofluoromethane
Concen: 19.85 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tot Ion:101 Resp: 48332
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

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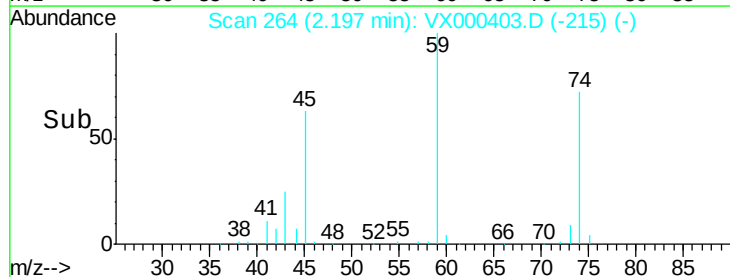
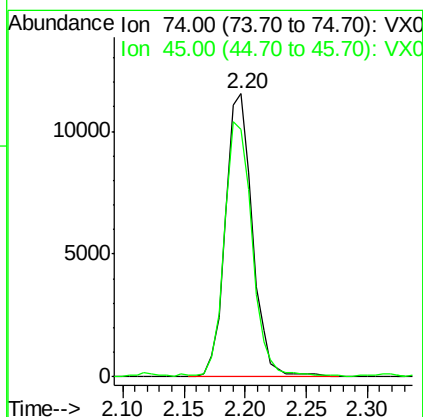
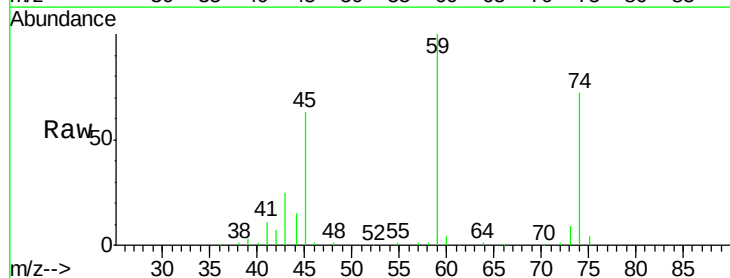
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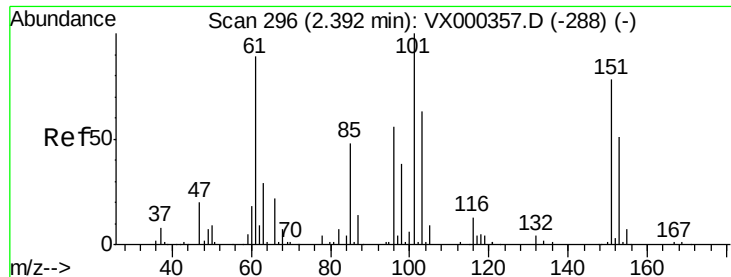


#8

Diethyl Ether
Concen: 20.15 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Tgt Ion: 74 Resp: 17532
Ion Ratio Lower Upper
74 100
45 94.4 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.99 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

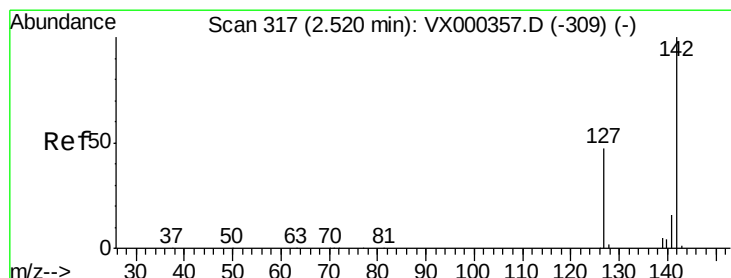
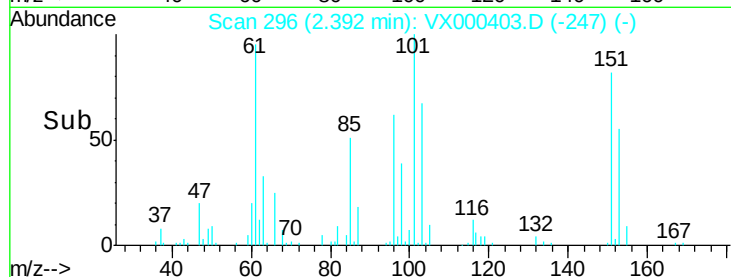
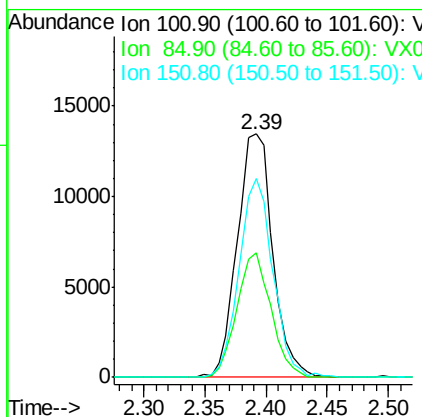
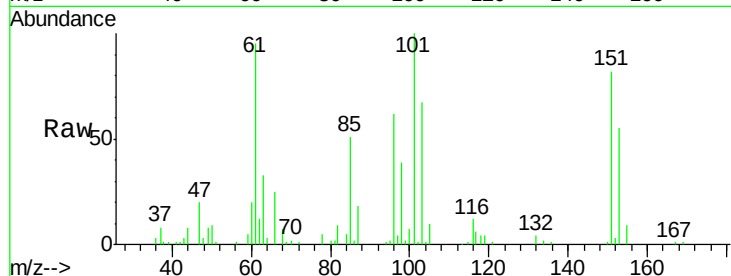
ClientSampleId :

VX0322WBSD01

Tot Ion:	101	Resp:	27136
Ion Ratio	Lower	Upper	
101	100		
85	48.9	37.6	56.4
151	78.2	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 16.05 ug/l

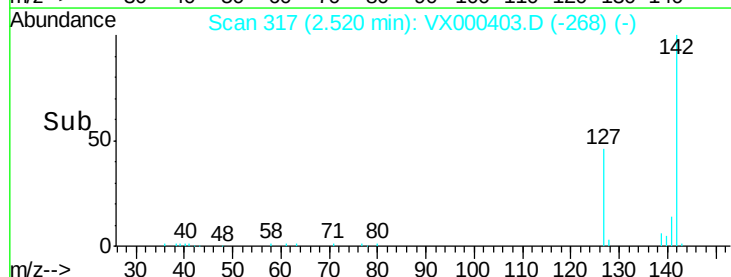
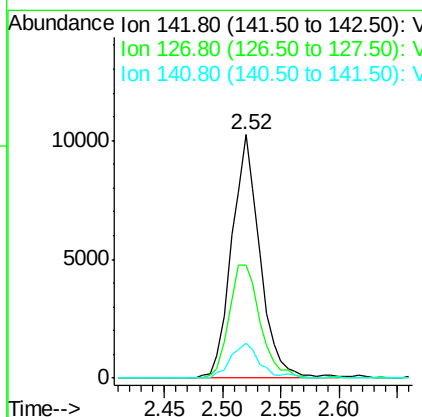
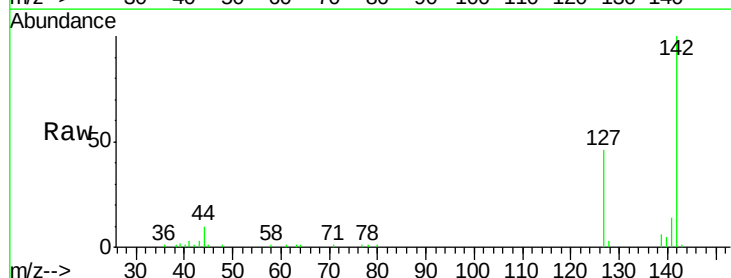
RT: 2.52 min Scan# 317

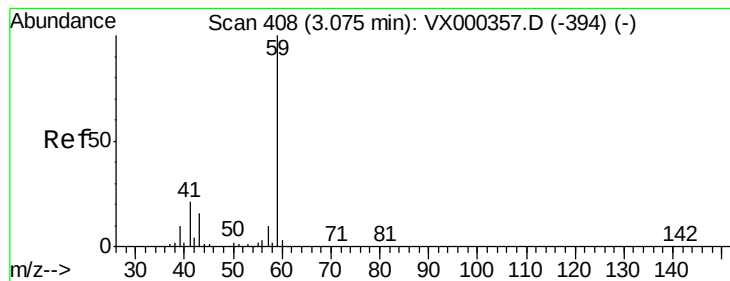
Delta R.T. 0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Tgt Ion:	142	Resp:	17315
Ion Ratio	Lower	Upper	
142	100		
127	50.9	39.2	58.8
141	14.7	11.7	17.5





#11

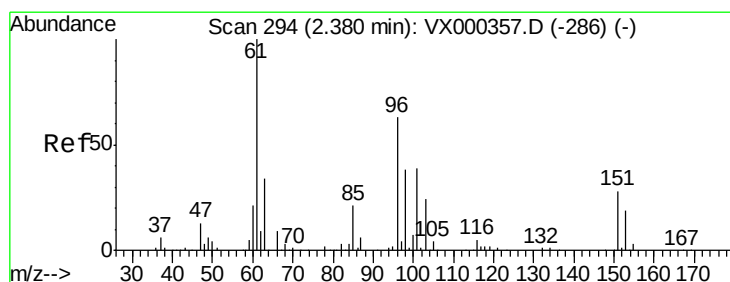
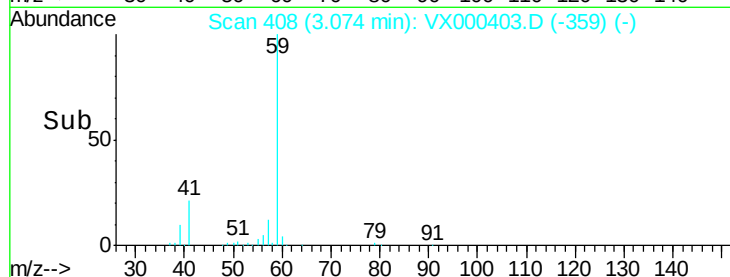
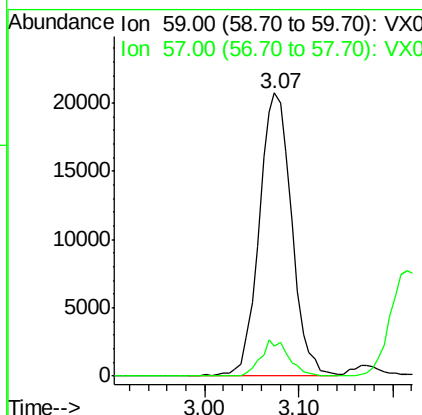
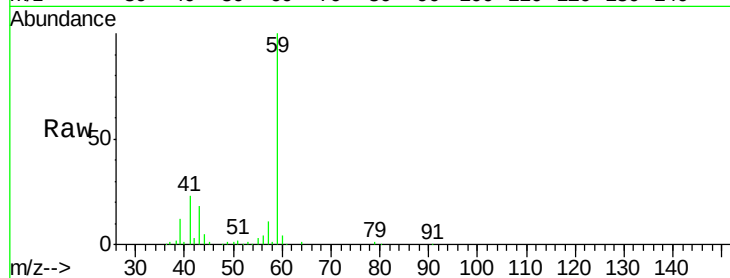
Tert butyl alcohol
 Concen: 101.59 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.4	12.6

Manual Integrations
 APPROVED

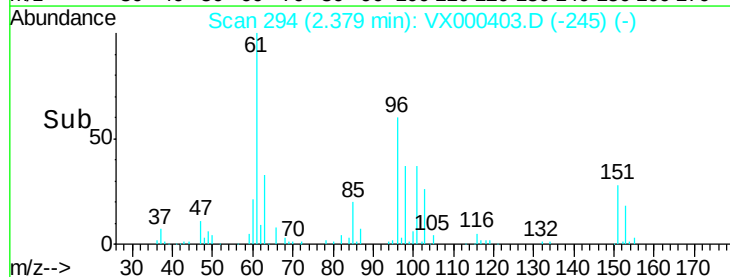
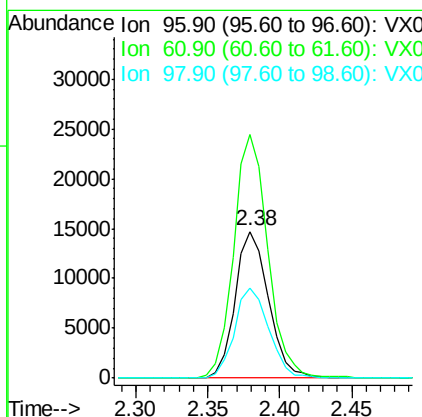
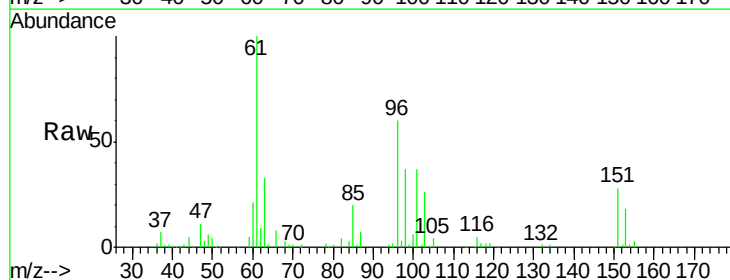
sam
 3/23/2018 1:53:01 PM

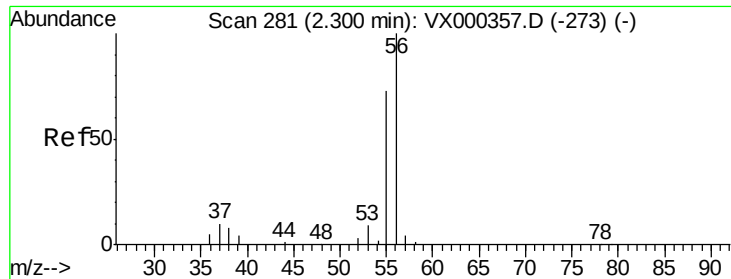


#12

1,1-Dichloroethene
 Concen: 19.94 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.2	131.2	196.8
98	61.7	49.8	74.8





#13

Acrolein

Concen: 100.69 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01

Tot Ion: 56 Resp: 14416

Ion Ratio Lower Upper

56 100

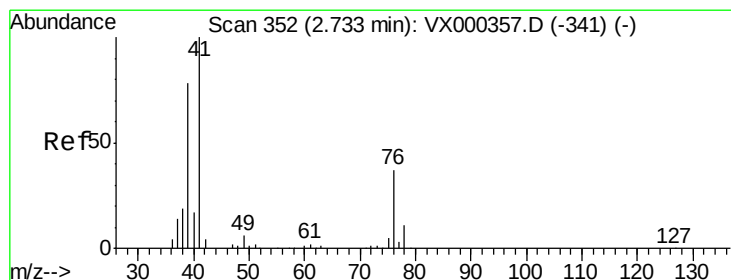
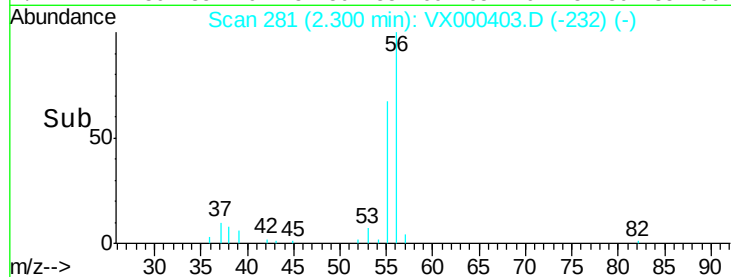
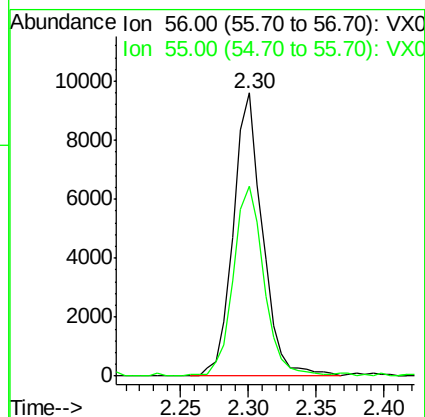
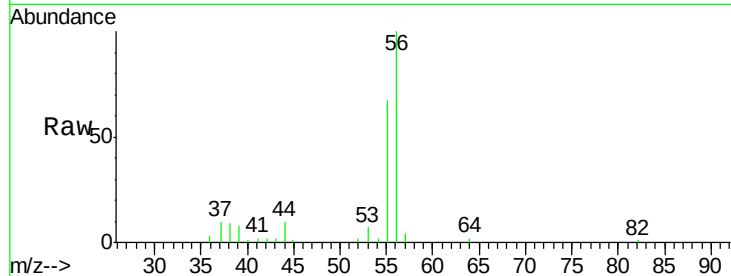
55 70.0 58.8 88.2

Manual Integrations

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#14

Allyl chloride

Concen: 21.05 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

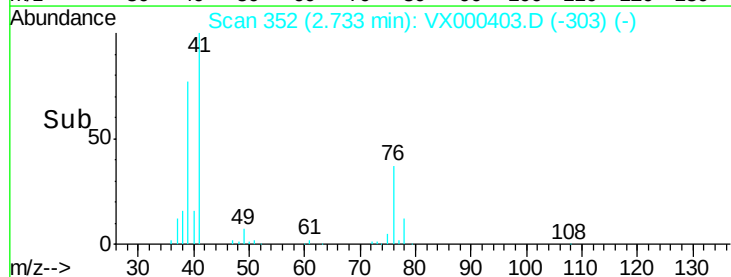
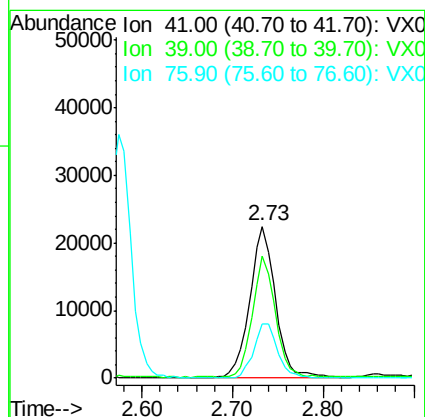
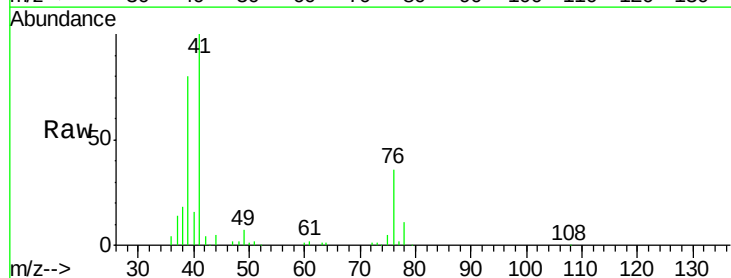
Tgt Ion: 41 Resp: 44427

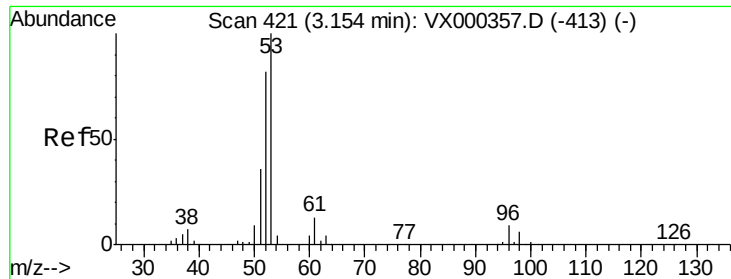
Ion Ratio Lower Upper

41 100

39 70.6 57.6 86.4

76 33.3 27.3 40.9





#15

Acrylonitrile

Concen: 101.41 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

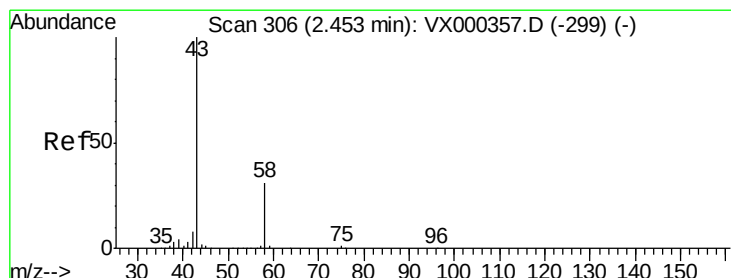
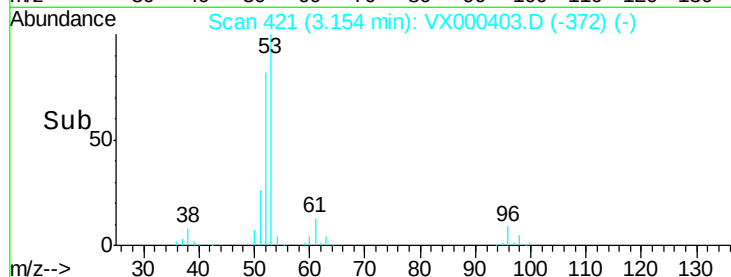
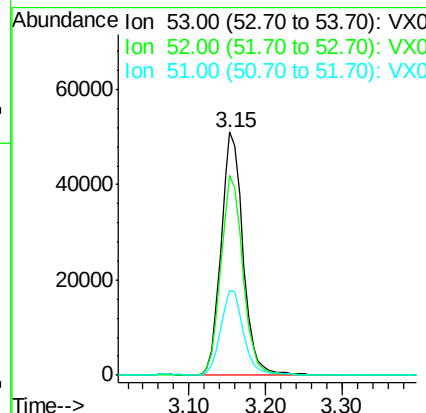
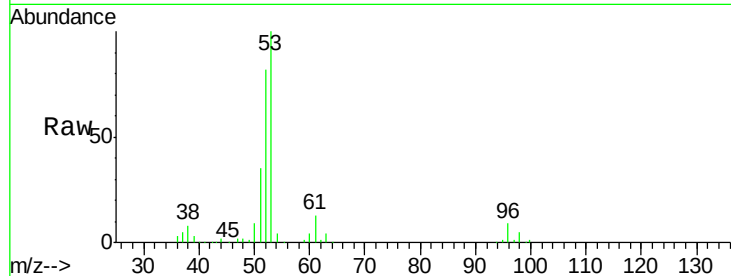
ClientSampleId :

VX0322WBSD01

Tot Ion:	53	Resp:	101406
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.6	99.8
51	36.4	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 99.63 ug/l

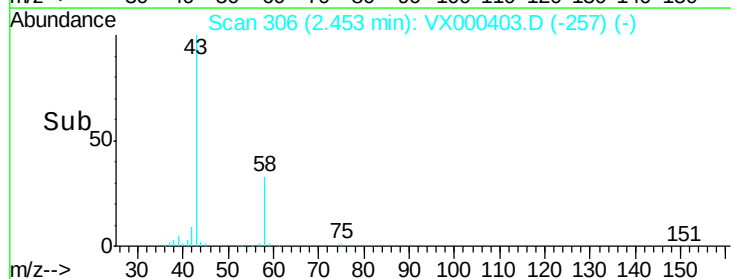
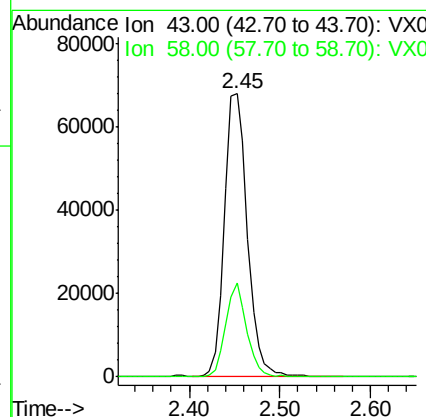
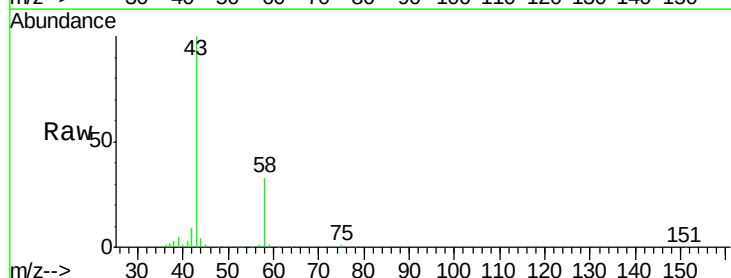
RT: 2.45 min Scan# 306

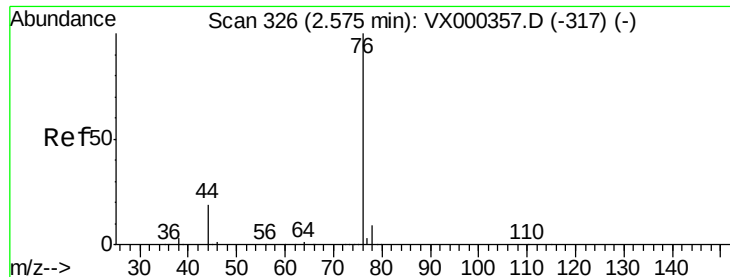
Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Tgt Ion:	43	Resp:	118959
Ion Ratio	Lower	Upper	
43	100		
58	33.2	24.7	37.1





#17

Carbon Disulfide

Concen: 18.95 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01

Tot Ion: 76 Resp: 60045

Ion Ratio Lower Upper

76 100

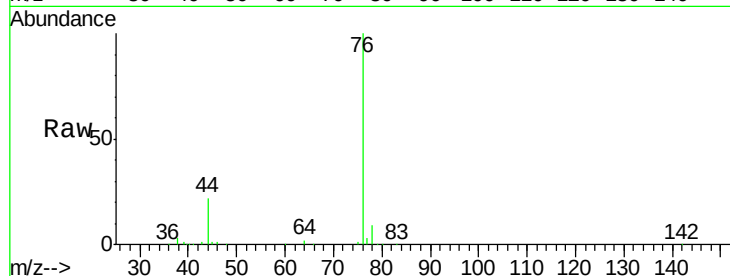
78 9.0 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

40000

30000

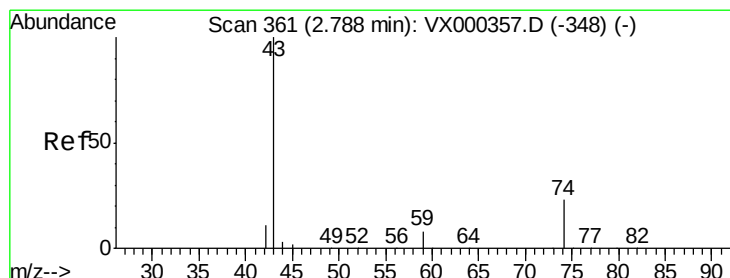
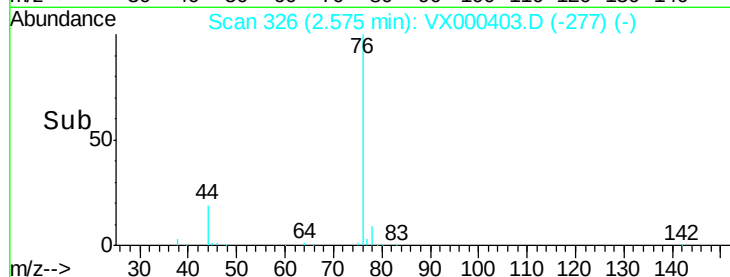
20000

10000

0

2.50 2.55 2.60 2.65 2.70

Time-->



#18

Methyl Acetate

Concen: 20.75 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000403.D

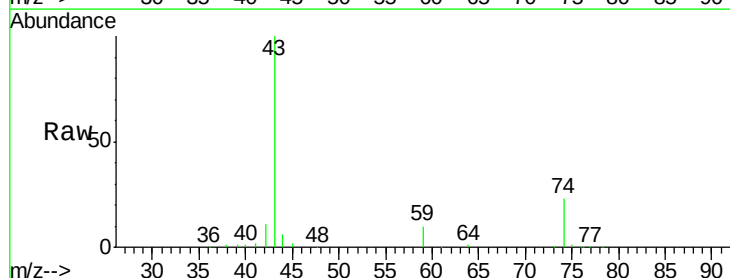
Acq: 22 Mar 2018 13:57

Tgt Ion: 43 Resp: 51946

Ion Ratio Lower Upper

43 100

74 23.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

30000

25000

20000

15000

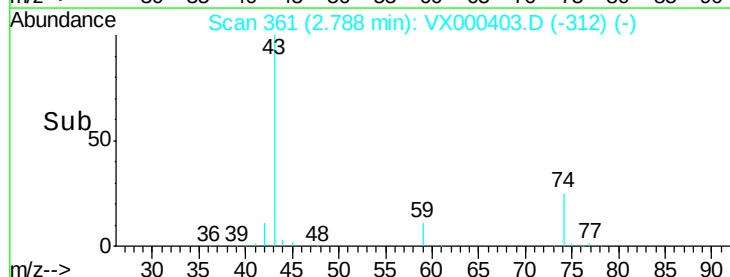
10000

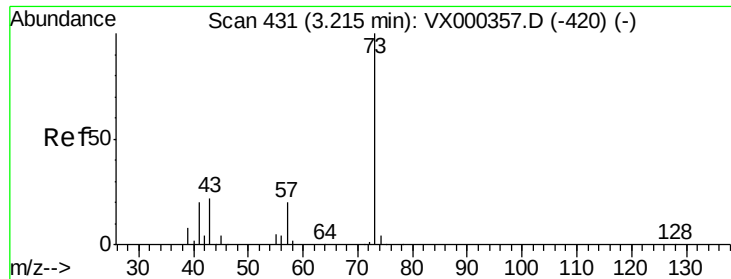
5000

0

2.70 2.80 2.90

Time-->





#19

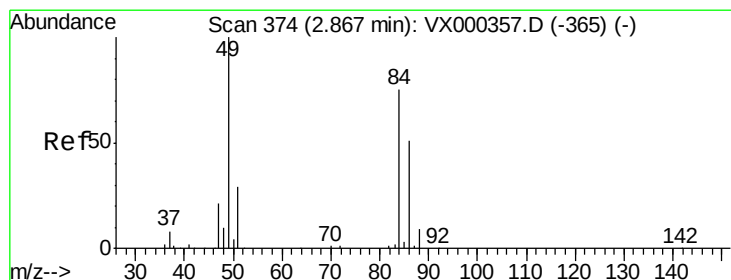
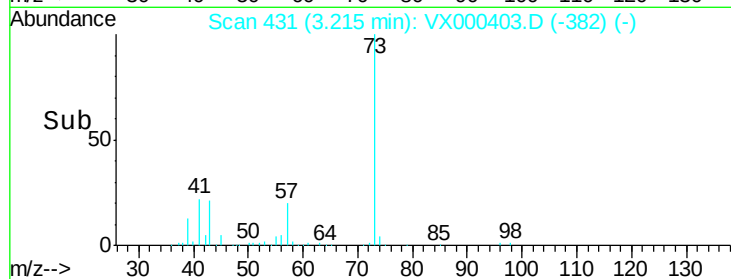
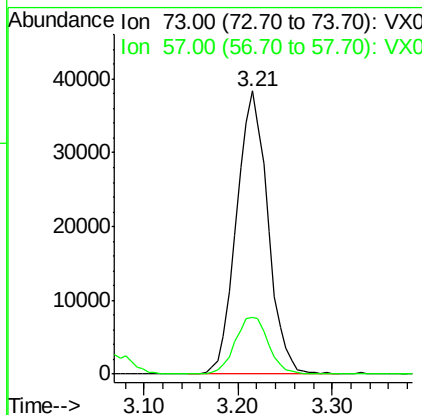
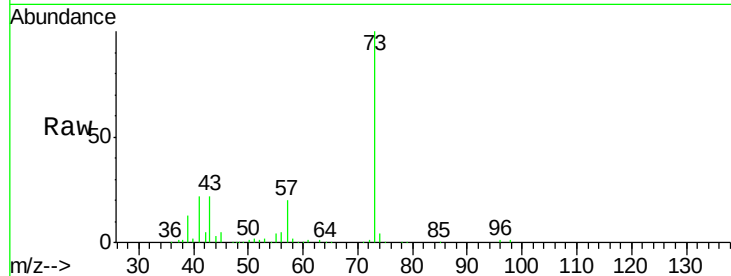
Methyl tert-butyl Ether
 Concen: 20.28 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

Tot Ion	73	Resp	89415
Ion Ratio	Lower	Upper	
73	100		
57	20.1	17.2	25.8

Manual Integrations
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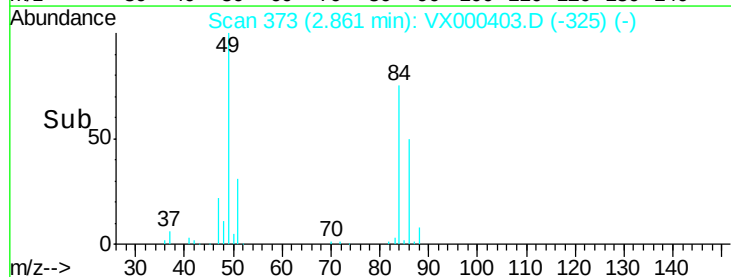
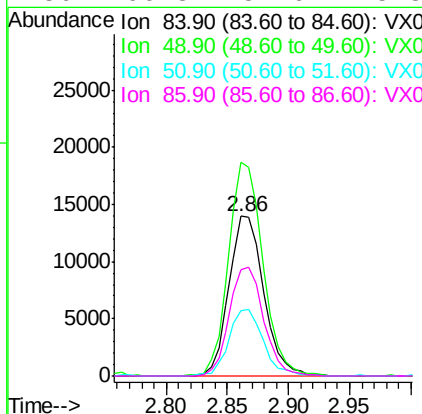
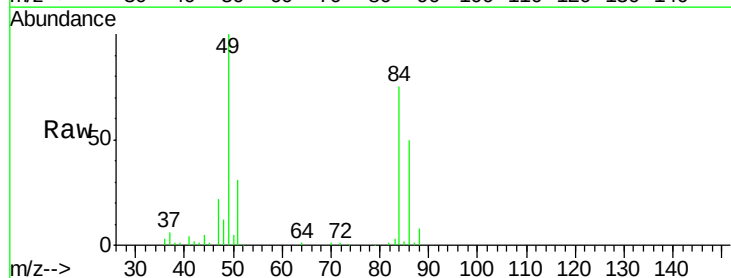
sam
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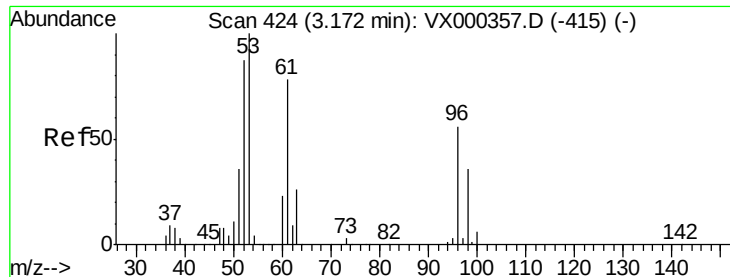


#20

Methylene Chloride
 Concen: 19.91 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Tgt Ion	84	Resp	27461
Ion Ratio	Lower	Upper	
84	100		
49	133.5	100.6	151.0
51	41.0	31.6	47.4
86	66.3	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 19.03 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

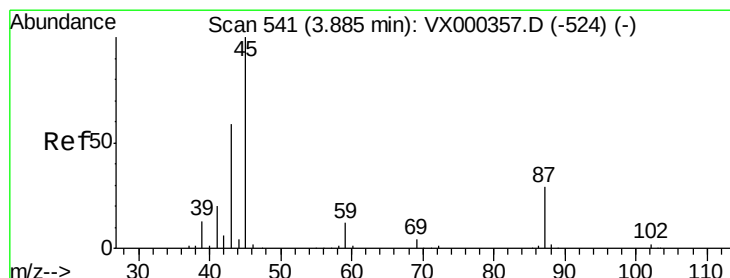
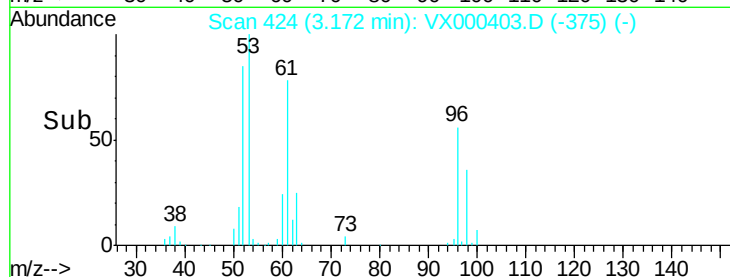
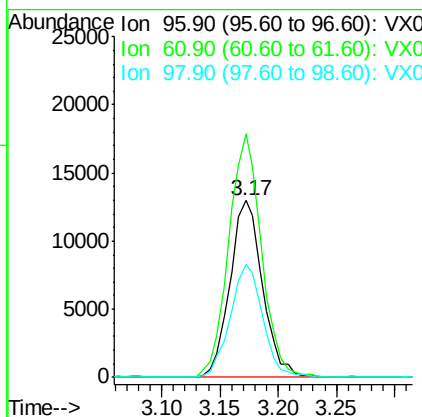
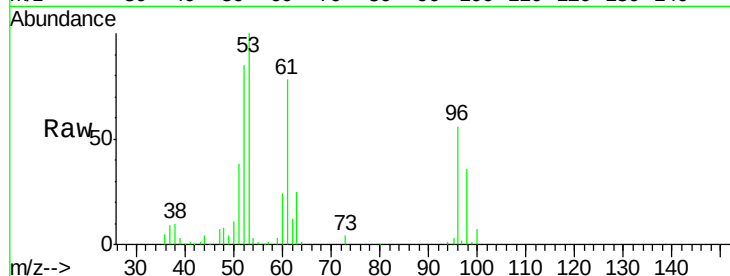
ClientSampleId :

VX0322WBSD01

Tot Ion:	96	Resp:	25303
Ion	Ratio	Lower	Upper
96	100		
61	137.9	104.0	156.0
98	64.3	52.1	78.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.37 ug/l

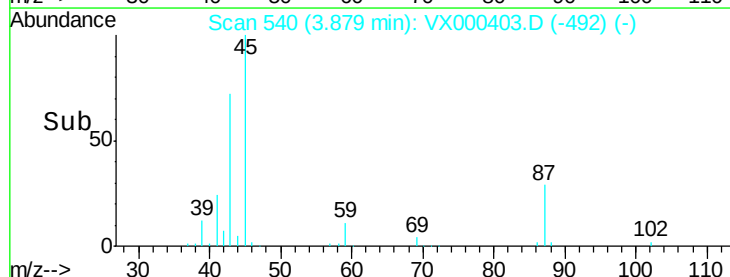
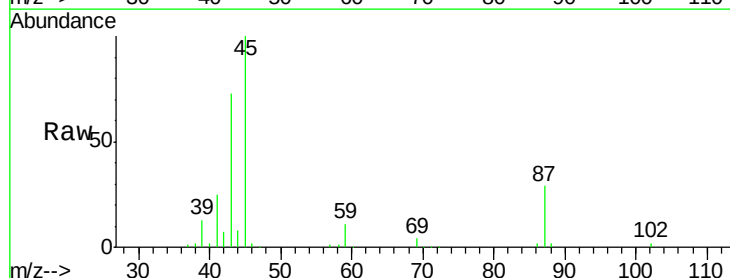
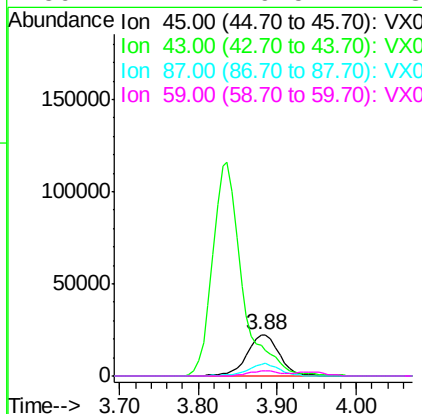
RT: 3.88 min Scan# 540

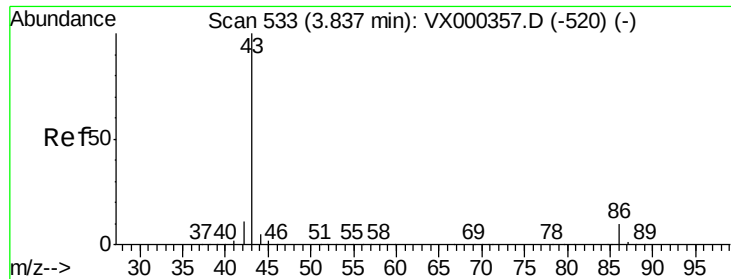
Delta R.T. -0.01 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Tgt Ion:	45	Resp:	64706
Ion	Ratio	Lower	Upper
45	100		
43	70.4	53.9	80.9
87	29.4	22.6	34.0
59	11.4	9.5	14.3





#23

Vinyl Acetate

Concen: 86.21 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Tot Ion: 43 Resp: 304508

Ion Ratio Lower Upper

43 100

86 10.9 8.6 12.8

Instrument :

MSVOA_X

ClientSampled :

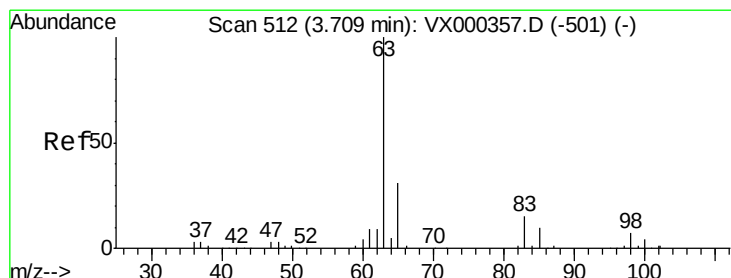
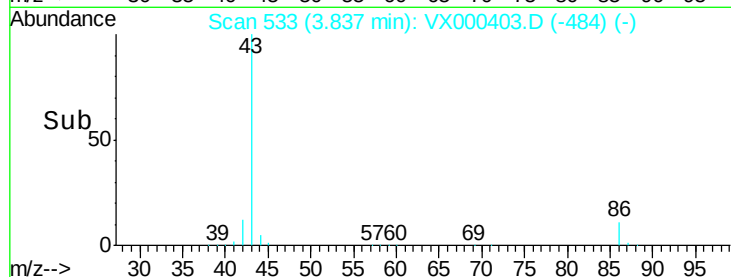
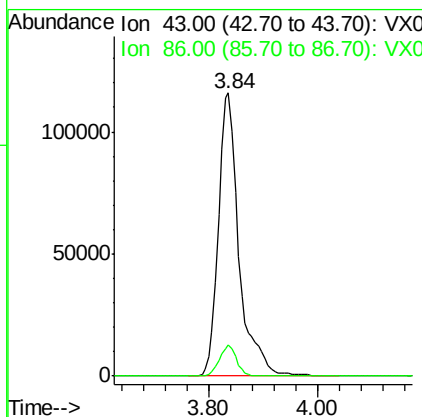
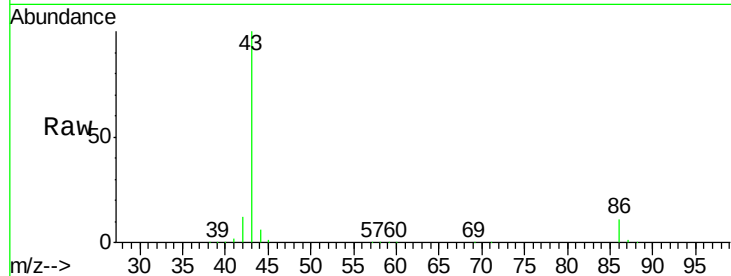
VX0322WBSD01

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.01 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

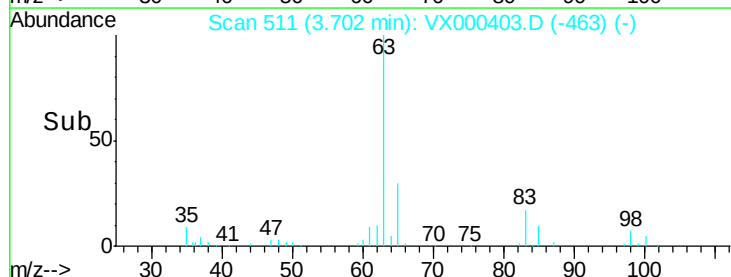
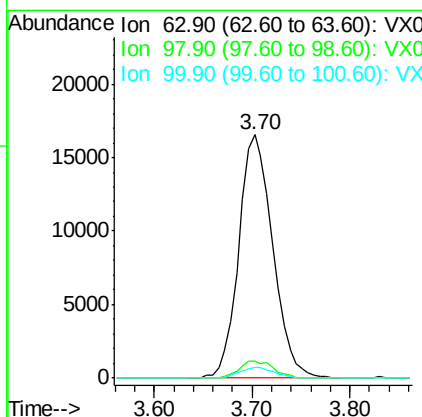
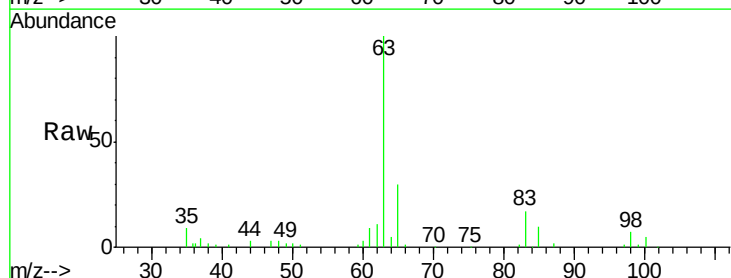
Tgt Ion: 63 Resp: 39841

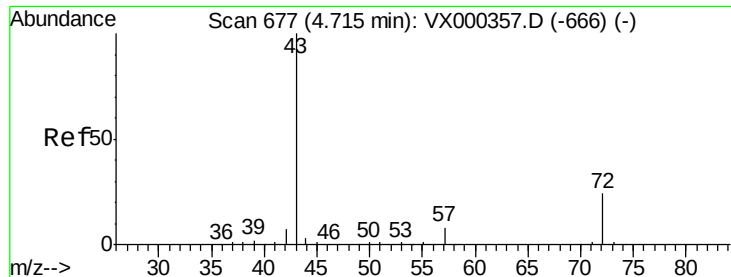
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.9

100 4.5 2.0 5.8





#25

2-Butanone

Concen: 95.60 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

ClientSampled :

VX0322WBSD01

Tot Ion: 43 Resp: 128308

Ion Ratio Lower Upper

43 100

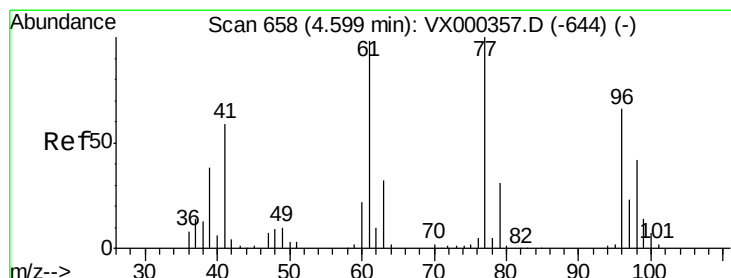
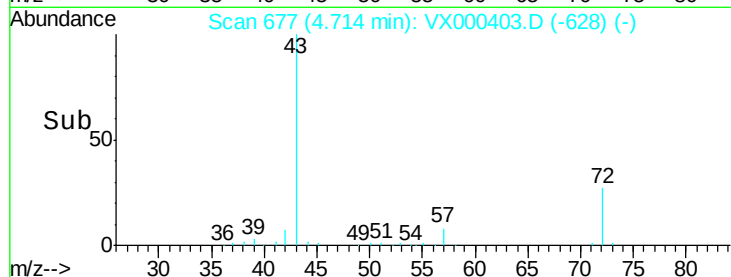
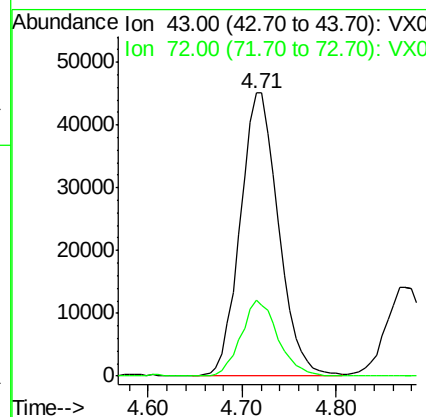
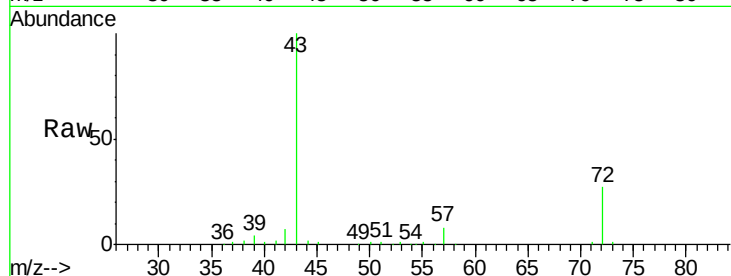
72 26.7 21.0 31.6

Manual Integrations

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sam

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#26

2,2-Dichloropropane

Concen: 19.07 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000403.D

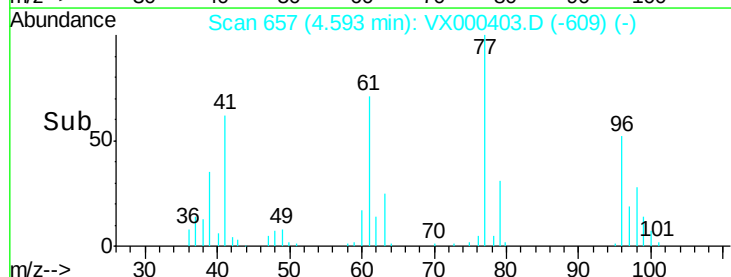
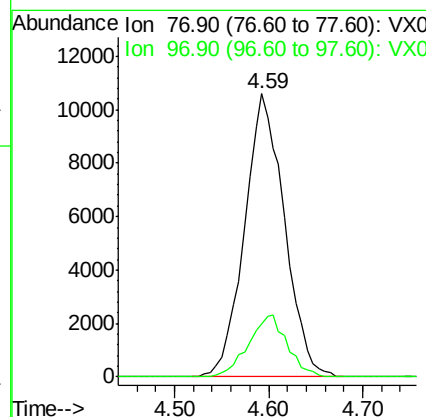
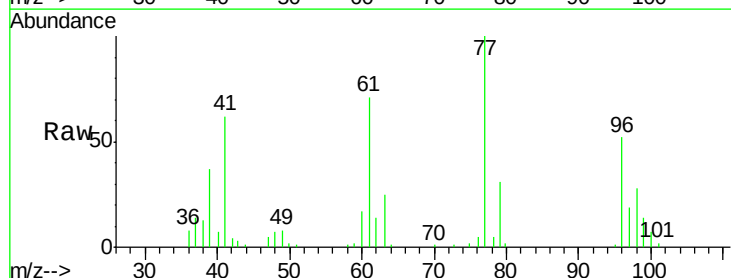
Acq: 22 Mar 2018 13:57

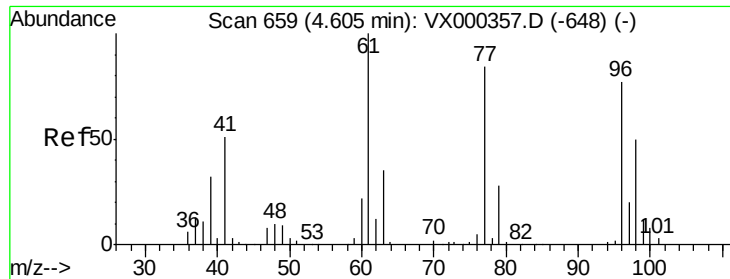
Tgt Ion: 77 Resp: 31315

Ion Ratio Lower Upper

77 100

97 21.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.29 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

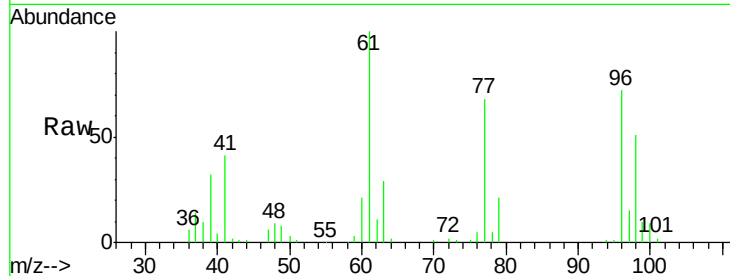
ClientSampleId :

VX0322WBSD01

Tot Ion:	96	Resp:	23968
Ion	Ratio	Lower	Upper
96	100		
61	139.4	0.0	291.6
98	64.5	0.0	132.0

Manual Integrations
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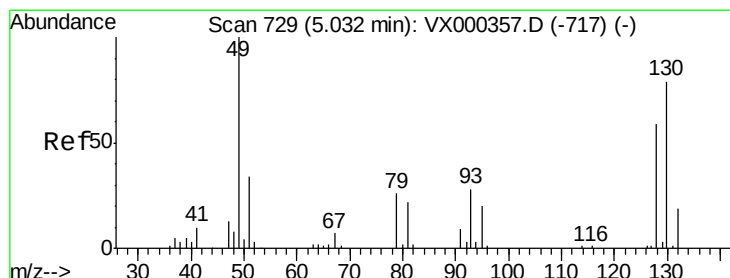
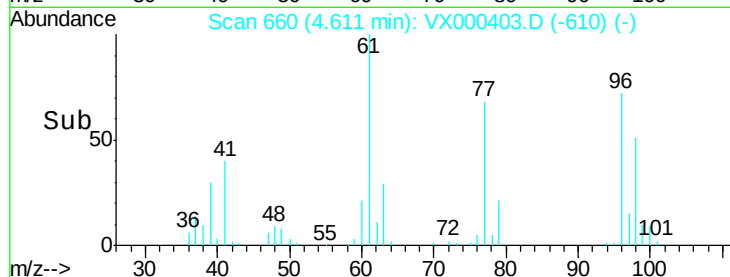
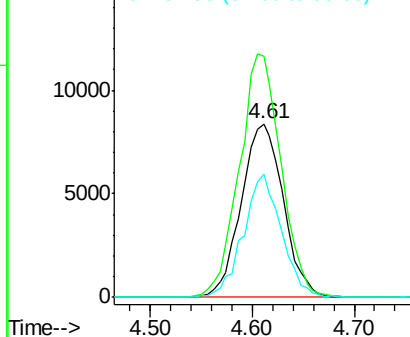


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 22.45 ug/l

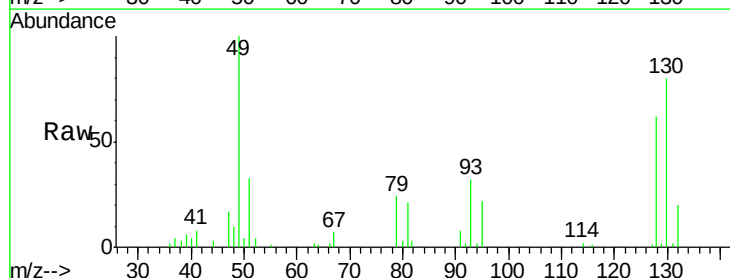
RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Tgt Ion:	49	Resp:	21682
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	5.0
130	76.7	64.0	96.0

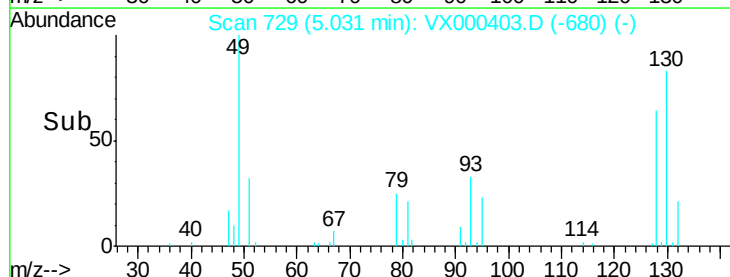
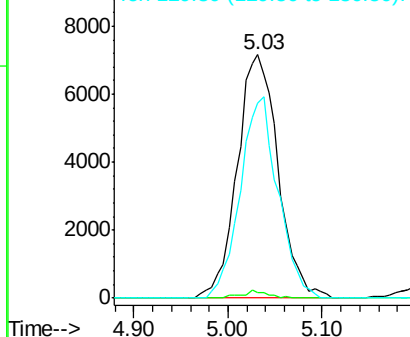


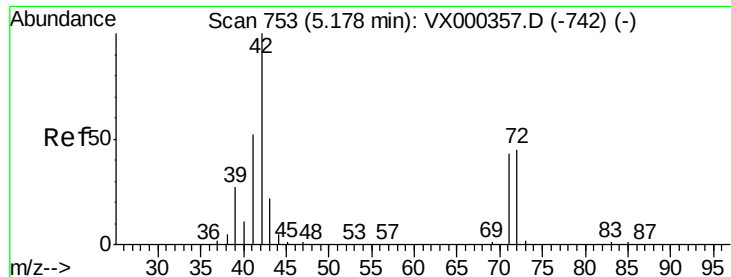
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





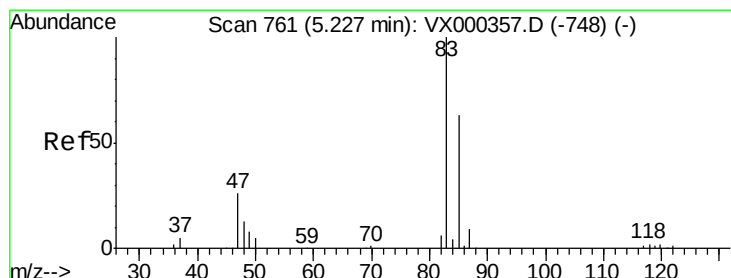
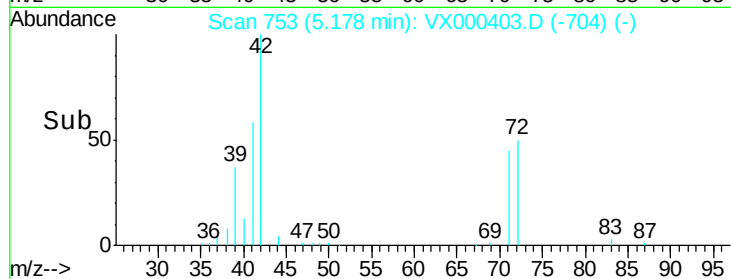
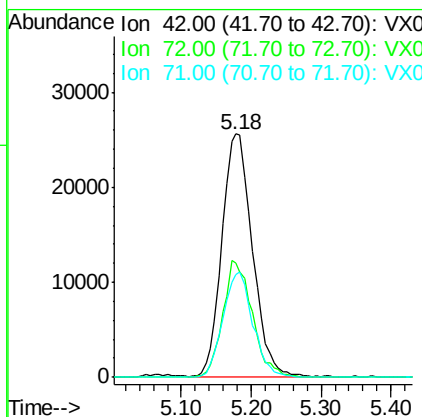
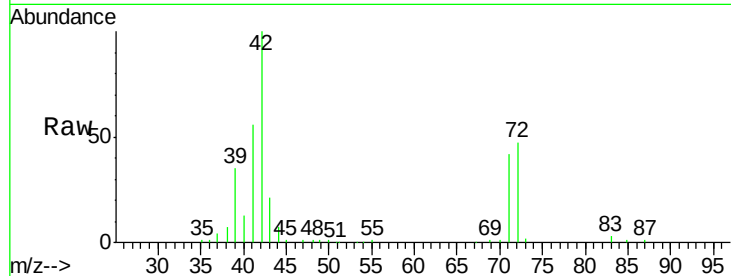
#29
Tetrahydrofuran
Concen: 94.44 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	37.9	56.9
71	42.1	34.4	51.6

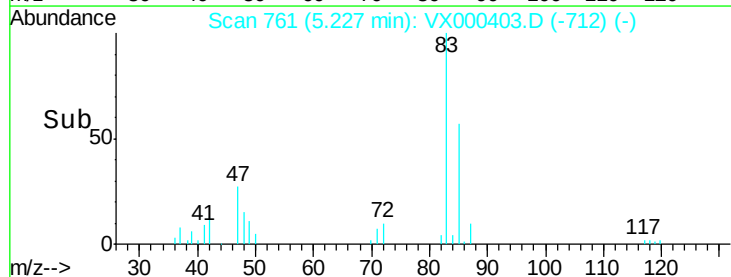
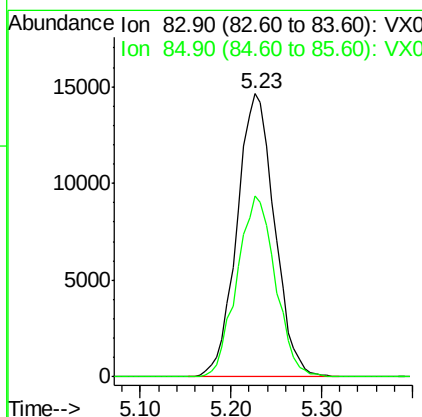
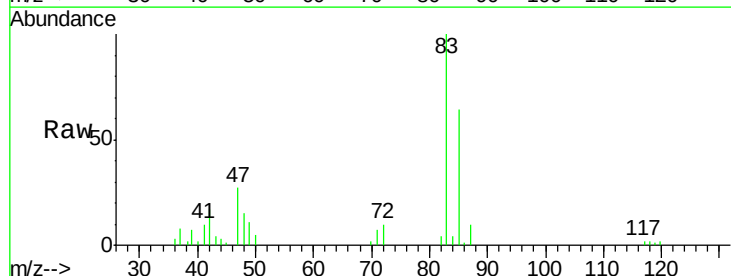
Manual Integrations
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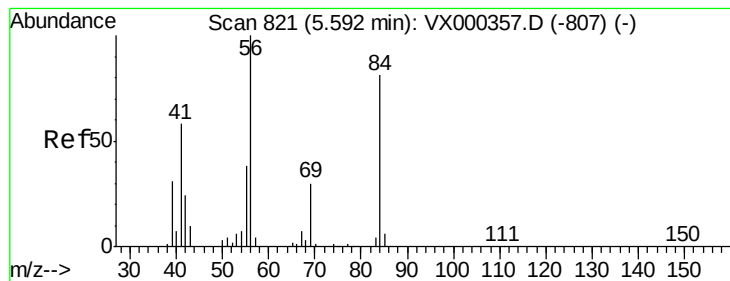
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#30
Chloroform
Concen: 19.12 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.3	79.9





#31

Cyclohexane

Concen: 17.71 ug/l

RT: 5.59 min Scan# 821

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

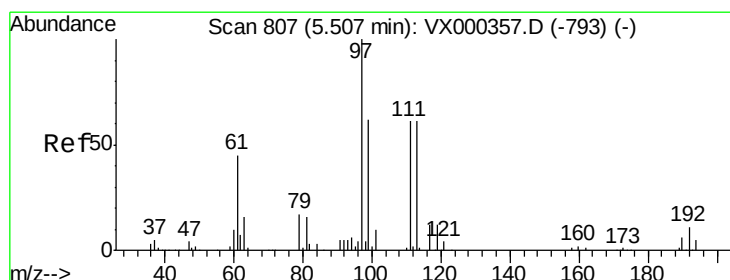
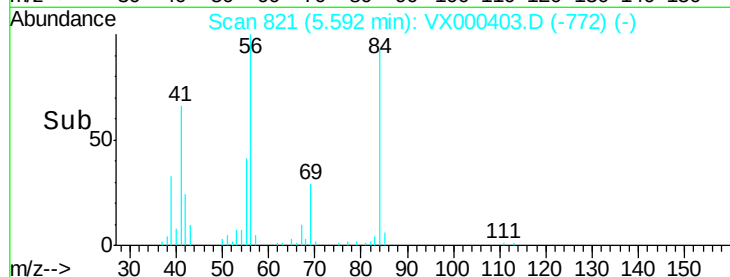
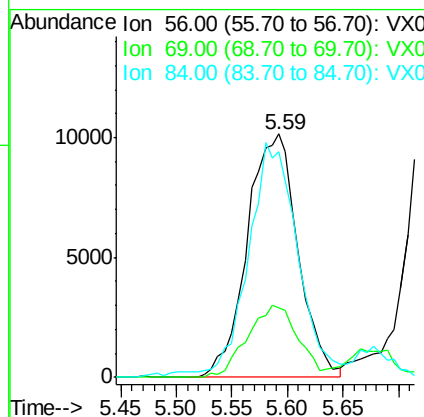
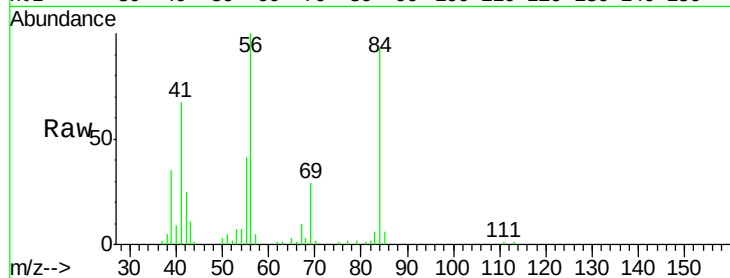
ClientSampleId :

VX0322WBSD01

Tot Ion:	56	Resp:	32070
Ion	Ratio	Lower	Upper
56	100		
69	28.5	23.4	35.0
84	90.6	71.0	106.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.66 ug/l

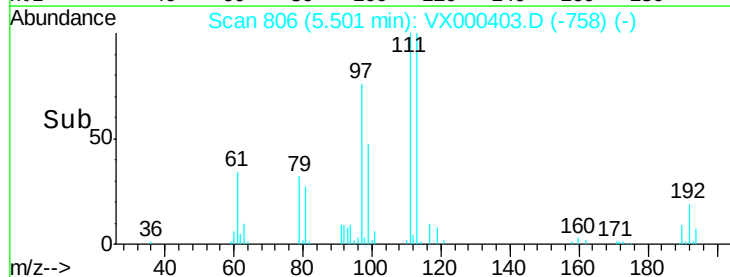
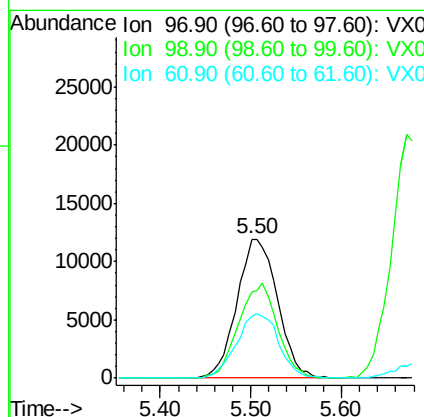
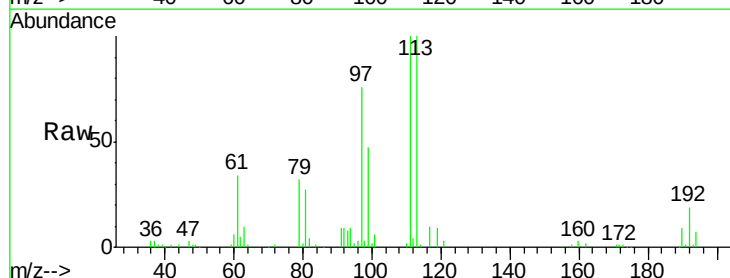
RT: 5.50 min Scan# 806

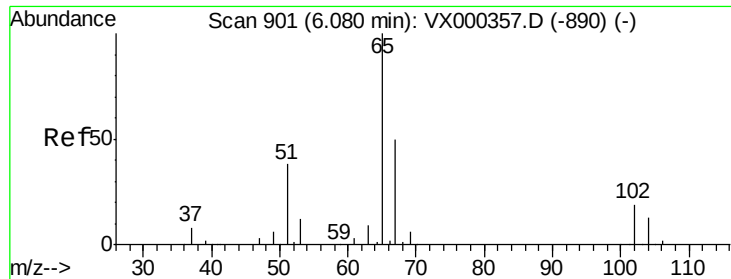
Delta R.T. -0.01 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Tgt Ion:	97	Resp:	36956
Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.1	78.1
61	48.0	36.2	54.4





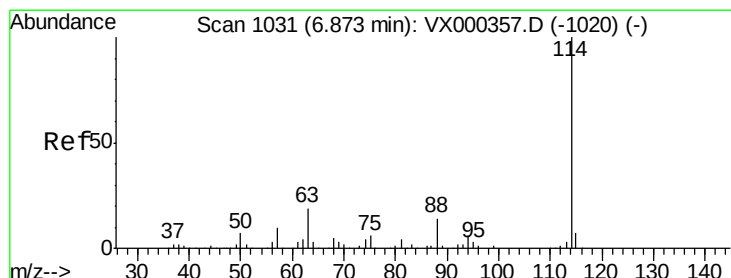
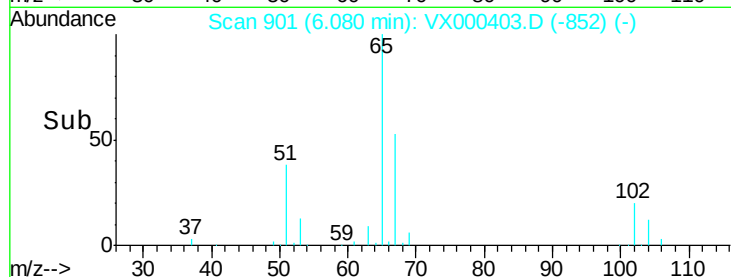
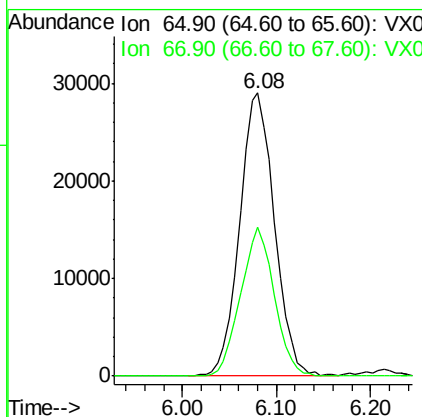
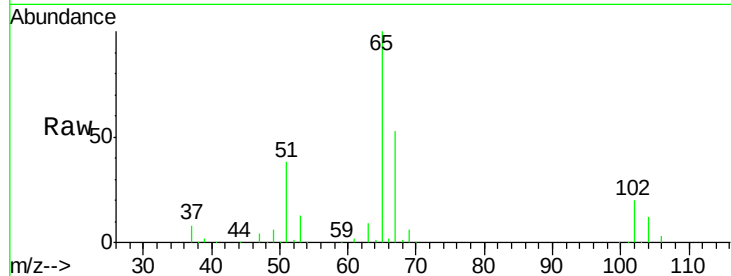
#33
 1,2-Dichloroethane-d4
 Concen: 52.34 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.2

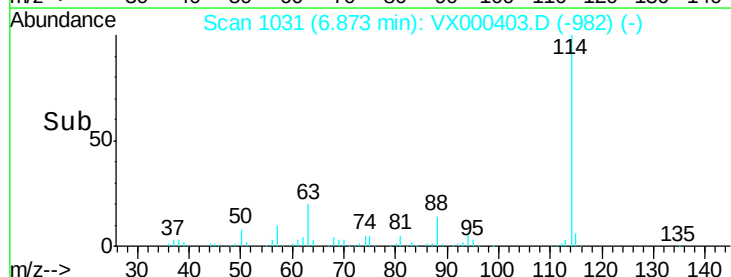
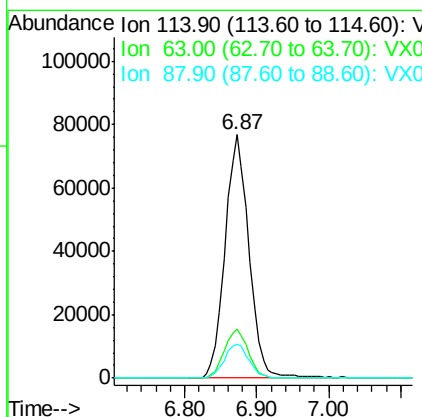
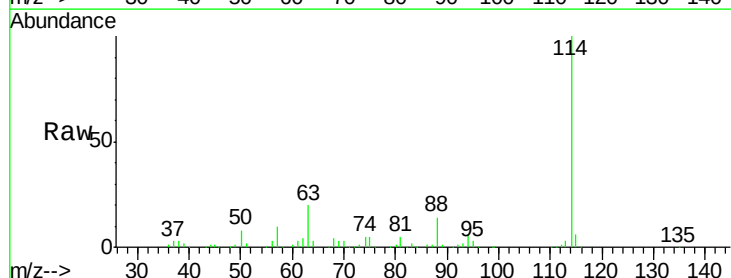
Manual Integrations
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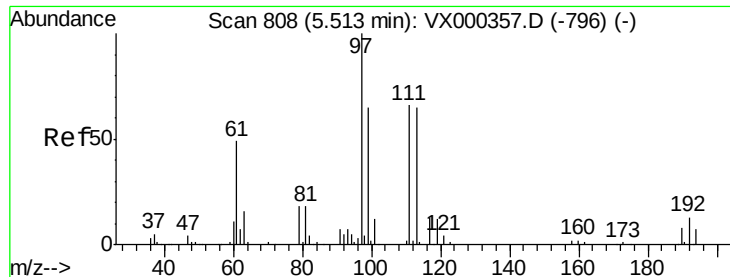
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.4
88	13.7	0.0	27.0





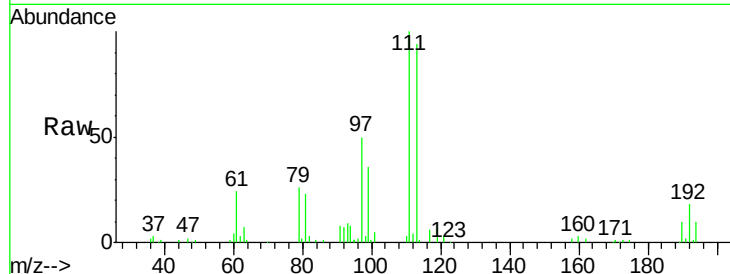
#35
 Dibromofluoromethane
 Concen: 53.26 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

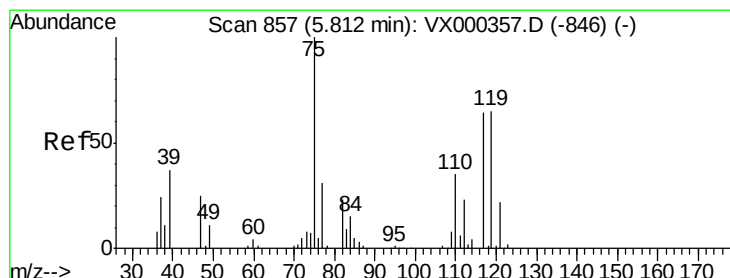
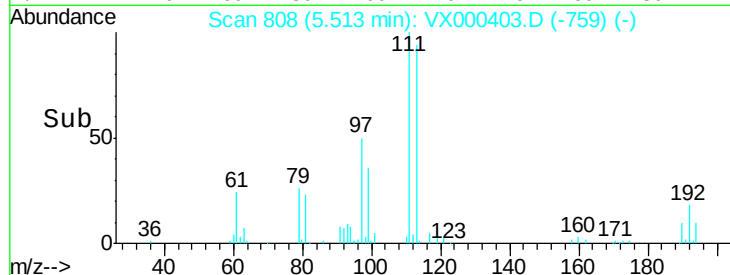
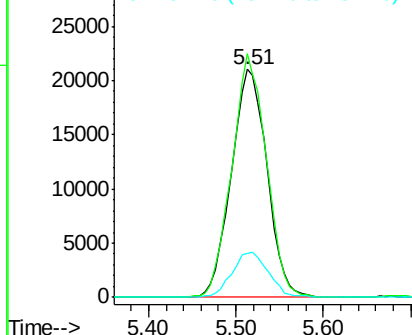
Tot Ion	Ratio	Resp	Lower	Upper
113	100	59751		
111	102.9	82.4	123.6	
192	20.1	15.8	23.6	

Manual Integrations
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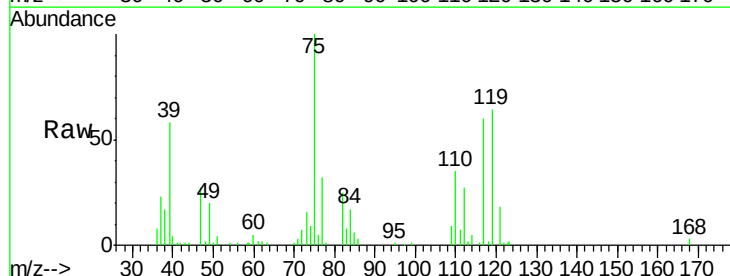


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

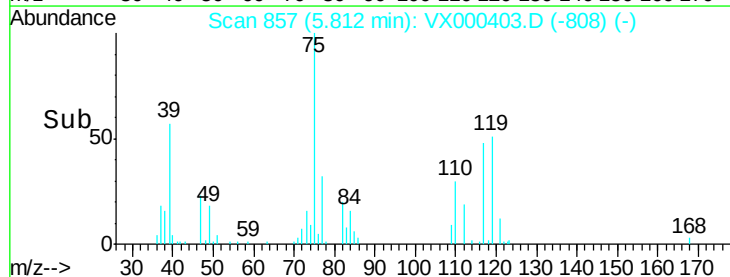
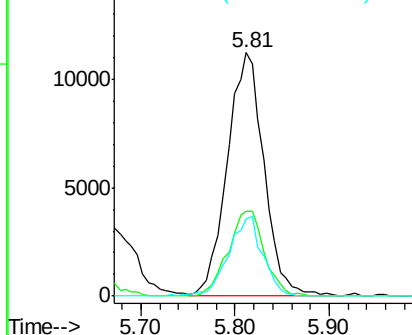


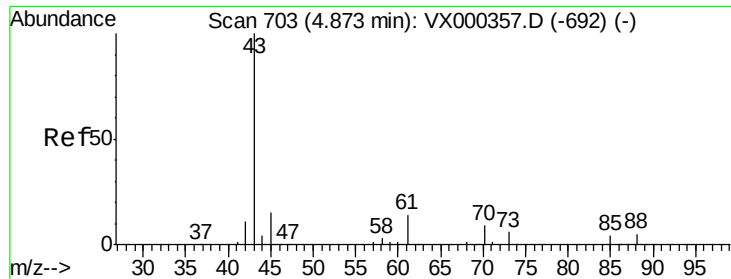
#36
 1,1-Dichloropropene
 Concen: 18.27 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	30472		
110	34.6	17.9	53.7	
77	30.3	24.0	36.0	



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





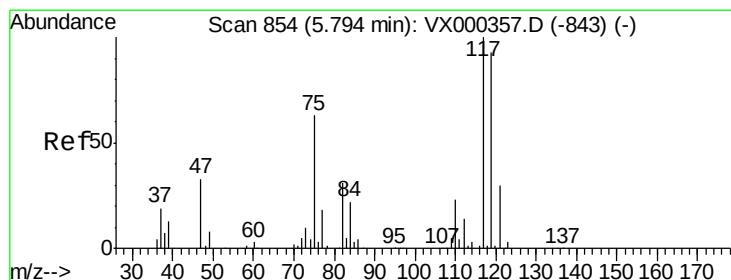
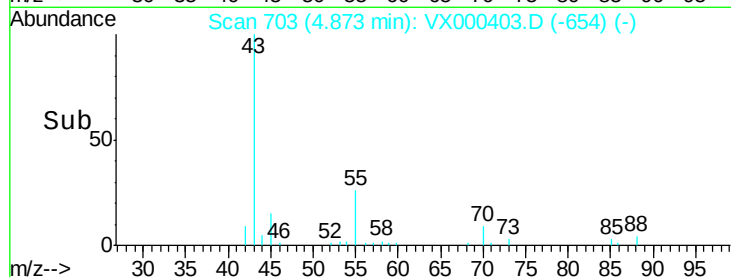
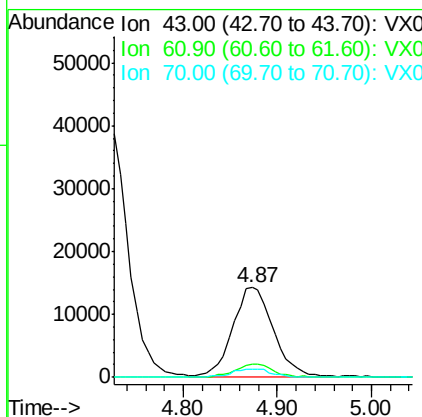
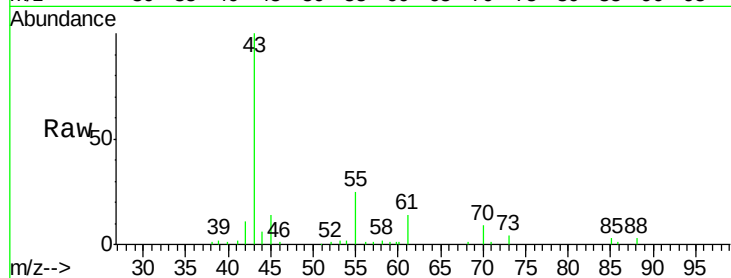
#37
Ethyl Acetate
Concen: 18.61 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Instrument :
MSVOA_X
ClientSampled :
VX0322WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.1	16.7
70	9.4	7.7	11.5

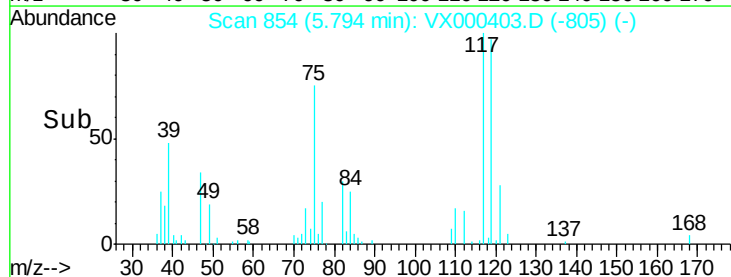
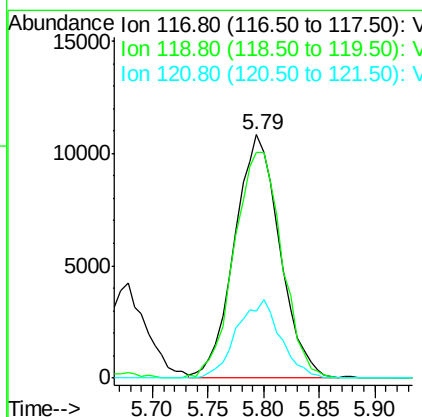
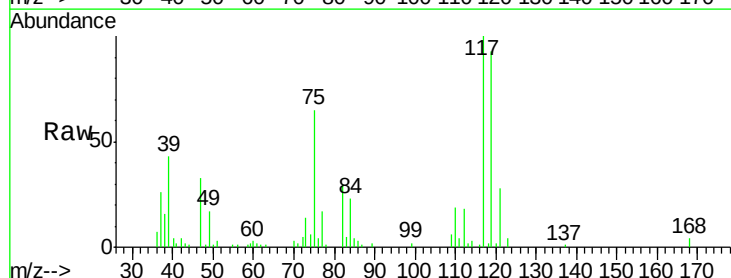
Manual Integrations
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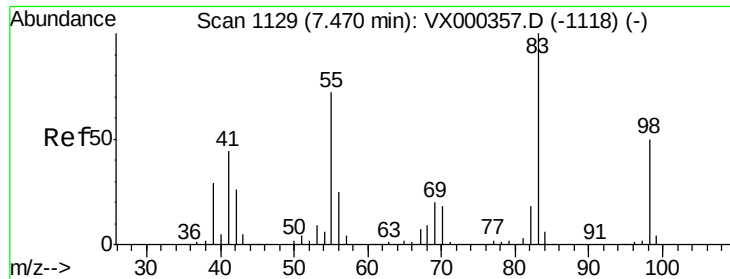
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#38
Carbon Tetrachloride
Concen: 17.49 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	77.4	116.2
121	27.6	24.8	37.2





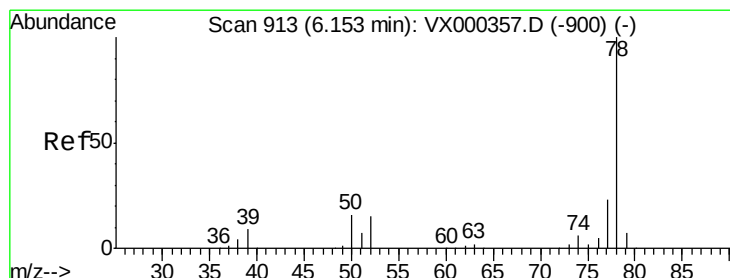
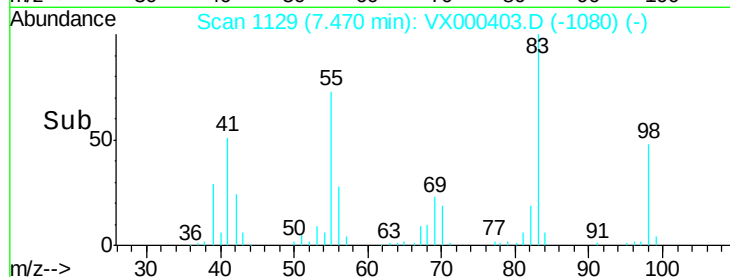
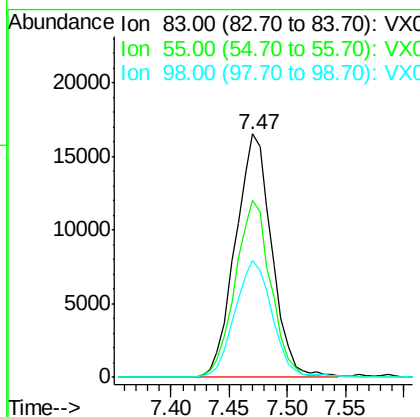
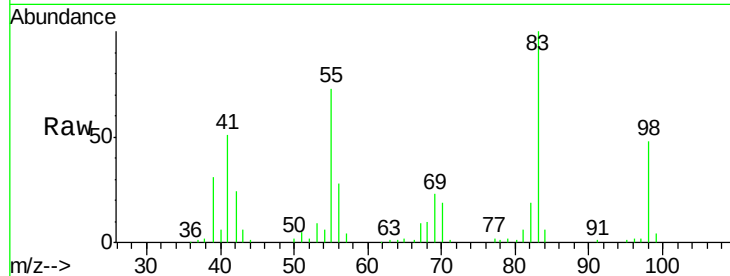
#39
Methylvlcyclohexane
Concen: 17.73 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tot Ion	83	Resp	35962
Ion Ratio	Lower	Upper	
83	100		
55	72.9	55.5	83.3
98	48.2	38.2	57.4

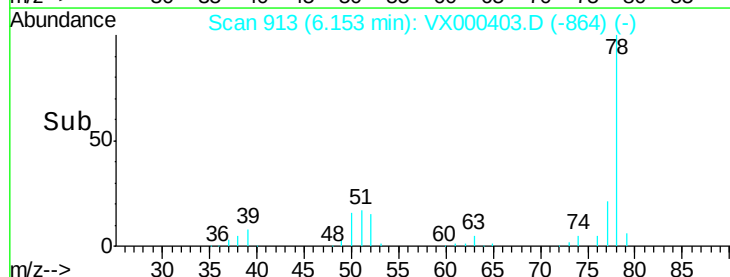
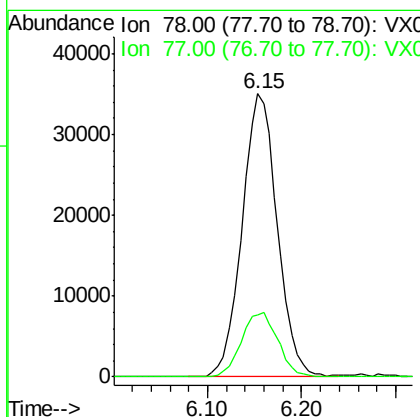
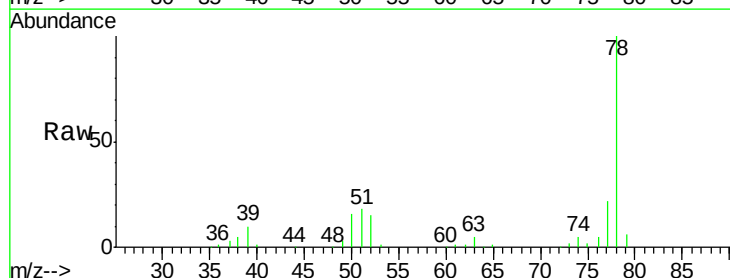
Manual Integrations
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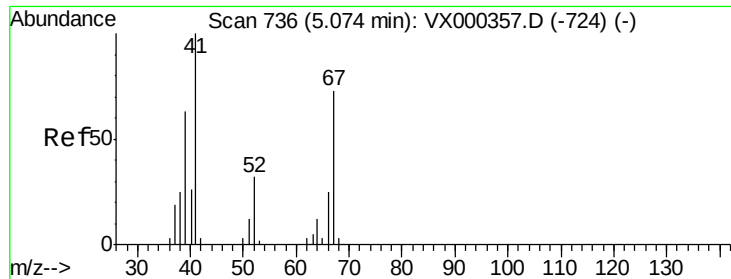
sam
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#40
Benzene
Concen: 18.97 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Tgt Ion	78	Resp	91866
Ion Ratio	Lower	Upper	
78	100		
77	21.9	18.7	28.1





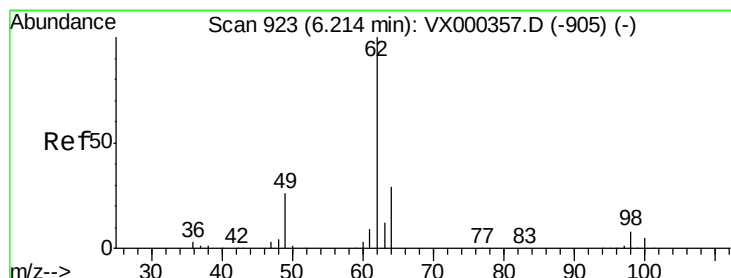
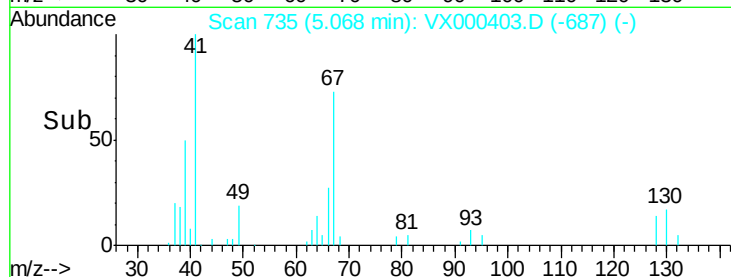
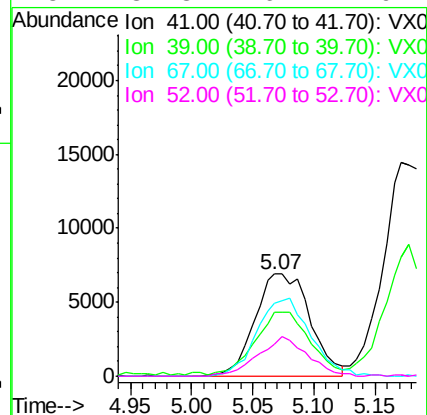
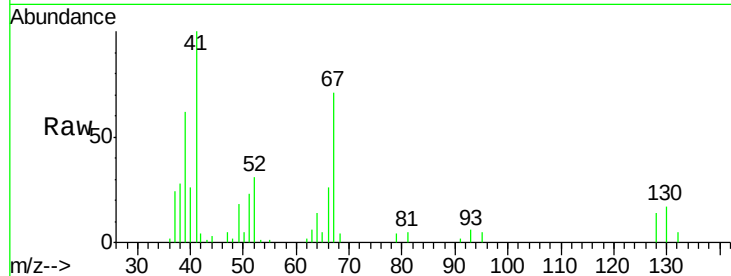
#41
Methacrylonitrile
Concen: 18.05 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.3	45.7	68.5	
67	74.2	57.8	86.8	
52	34.3	26.7	40.1	

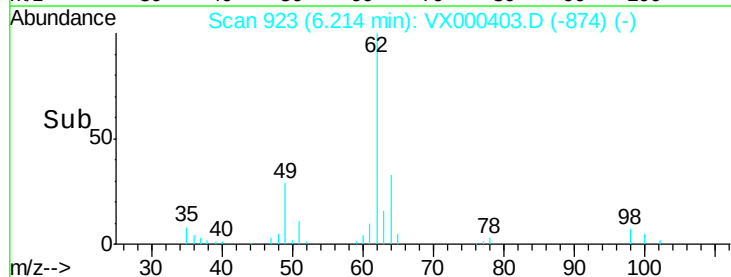
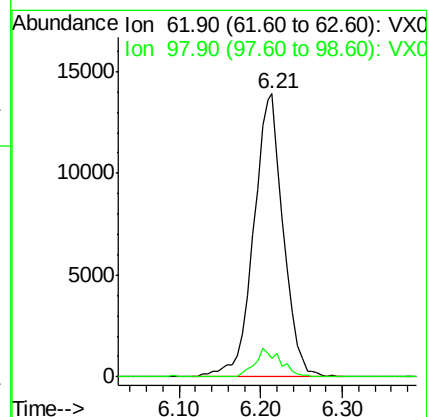
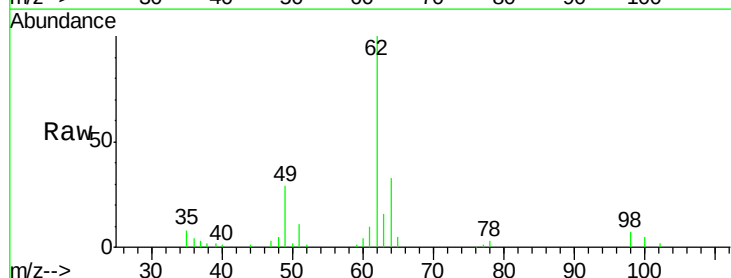
Manual Integrations
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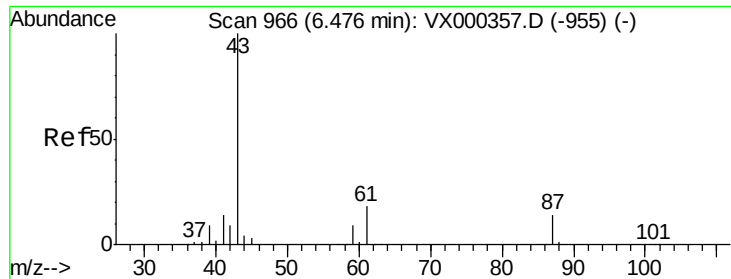
sam
3/23/2018 1:53:01 PM



#42
1,2-Dichloroethane
Concen: 18.48 ug/l
RT: 6.21 min Scan# 923
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	15.8	





#43

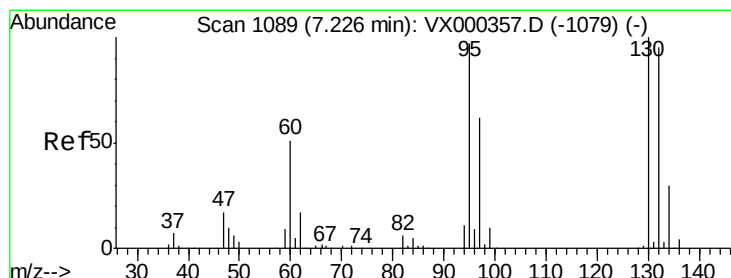
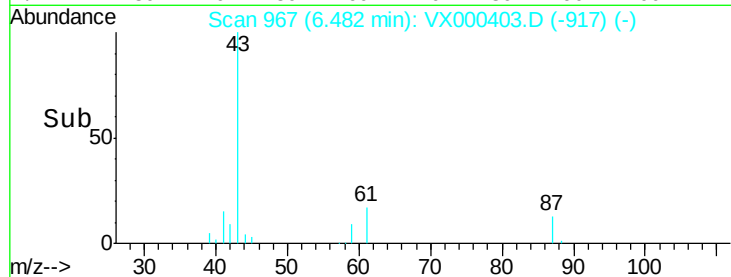
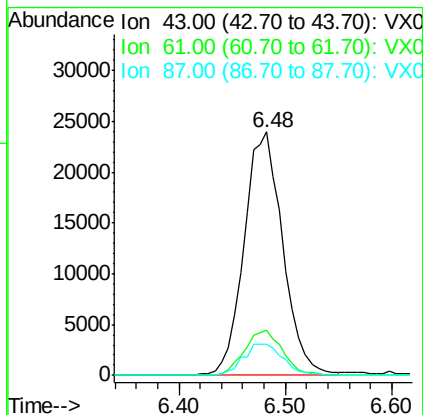
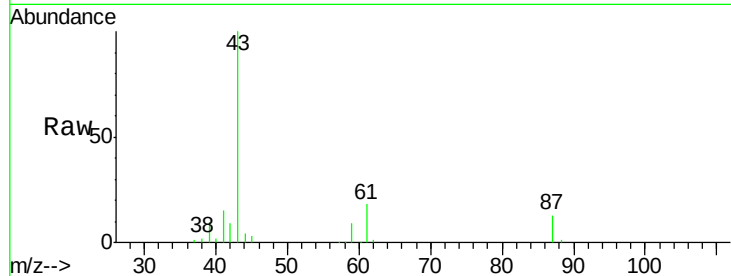
Isopropyl Acetate
 Concen: 18.01 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.4	21.6
87	13.2	11.0	16.4

Manual Integrations
 APPROVED

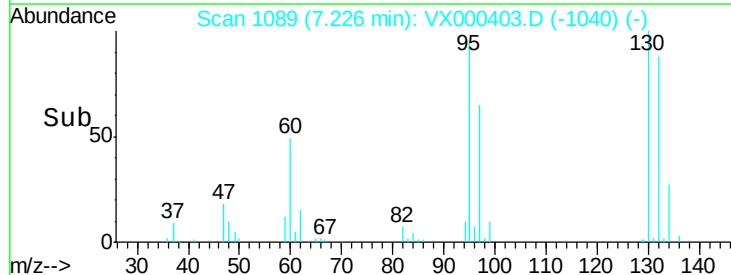
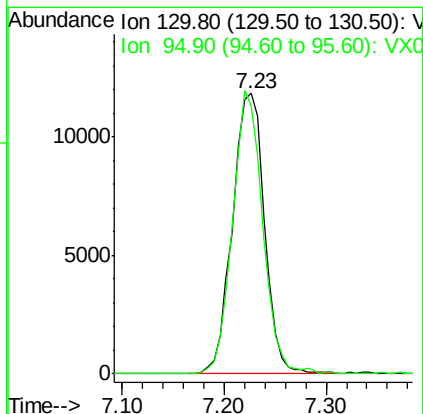
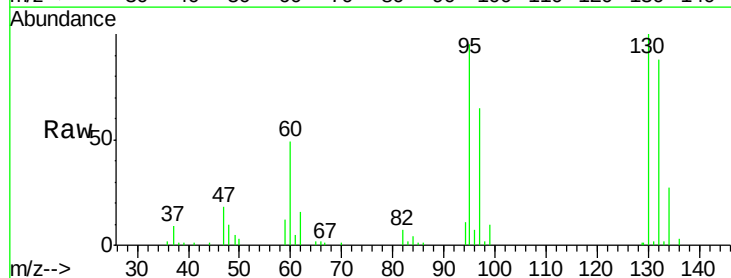
sam
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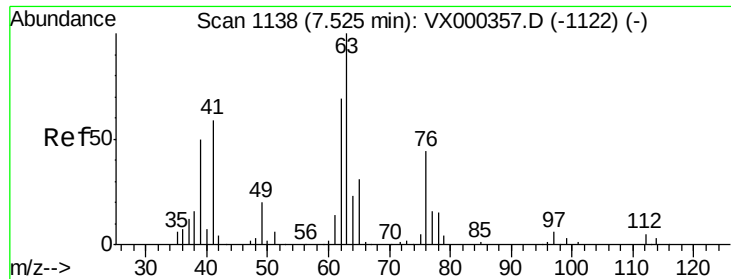


#44

Trichloroethene
 Concen: 18.55 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	186.0





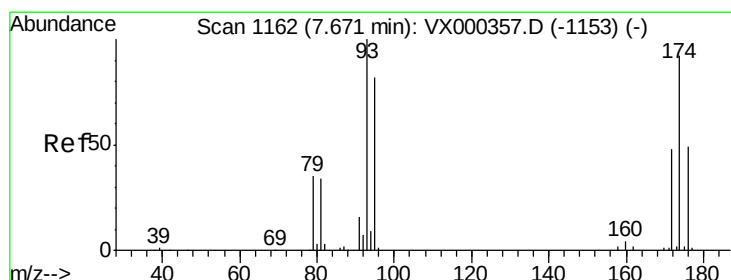
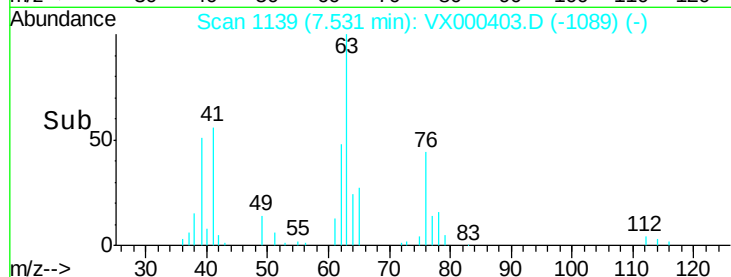
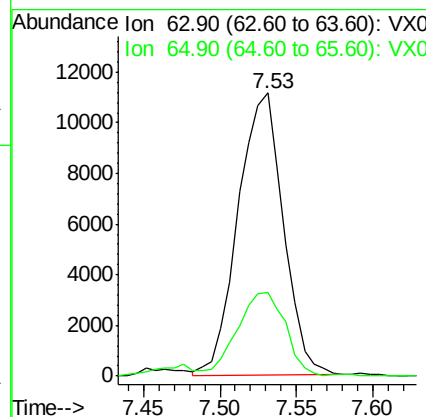
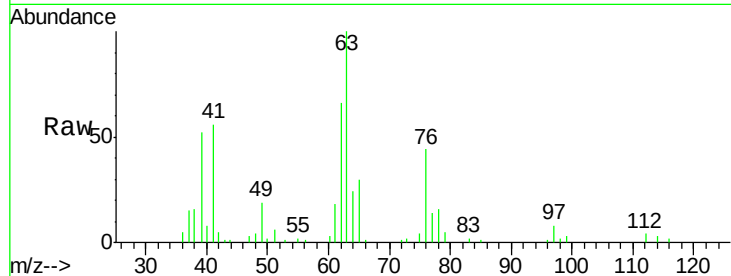
#45
 1,2-Dichloropropane
 Concen: 18.39 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

Tot Ion: 63 Resp: 22796
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.6 36.8

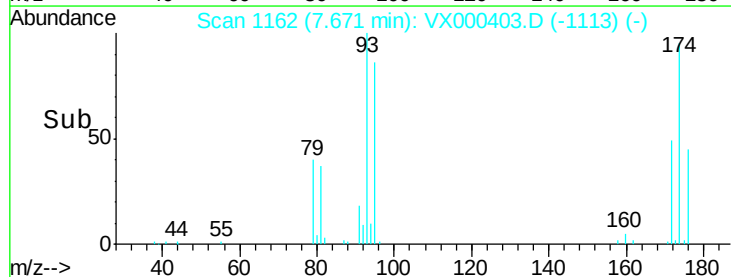
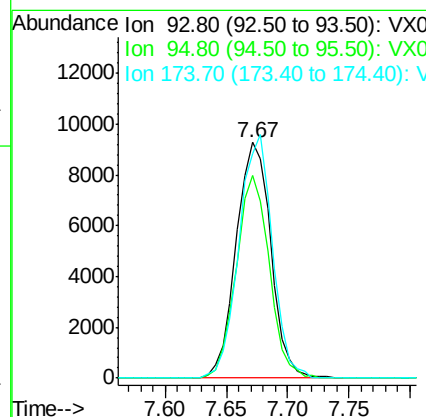
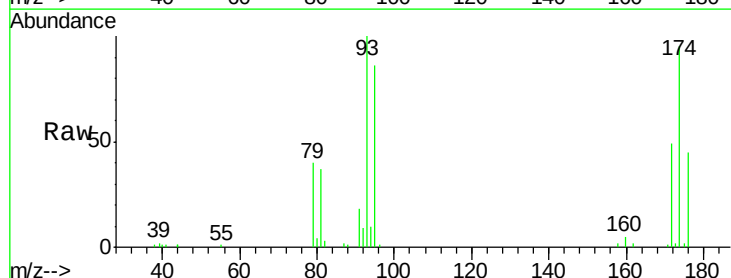
Manual Integrations
 APPROVED

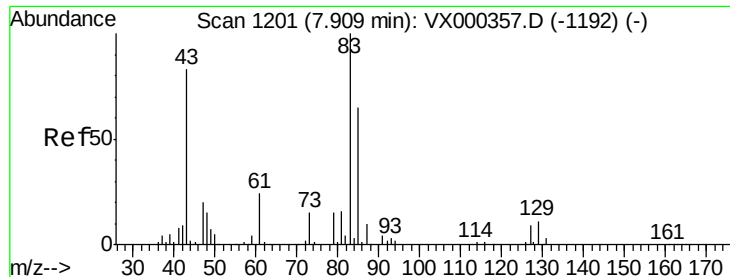
sam
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#46
 Dibromomethane
 Concen: 18.71 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Tgt Ion: 93 Resp: 18207
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.5 99.7
 174 99.0 76.0 114.0





#47

Bromodichloromethane

Concen: 18.72 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

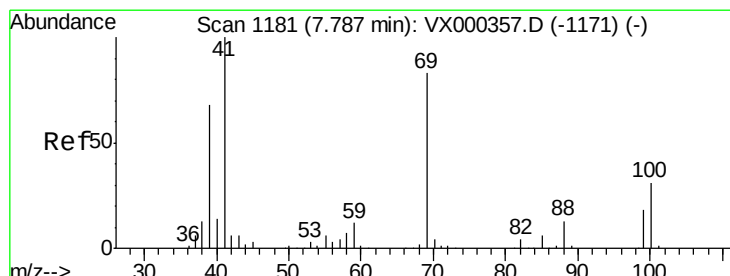
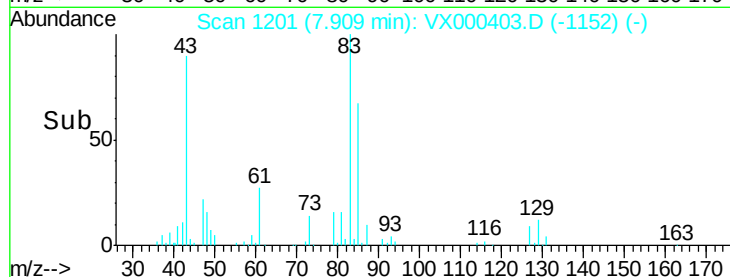
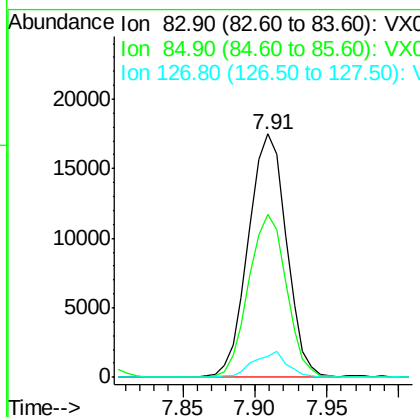
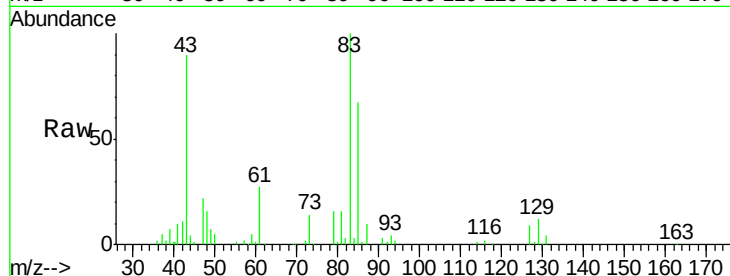
ClientSampleId :

VX0322WBSD01

Tot Ion:	83	Resp:	32059
Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.4	77.0
127	8.8	7.0	10.6

Manual Integrations
APPROVED

sam
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#48

Methyl methacrylate

Concen: 18.53 ug/l

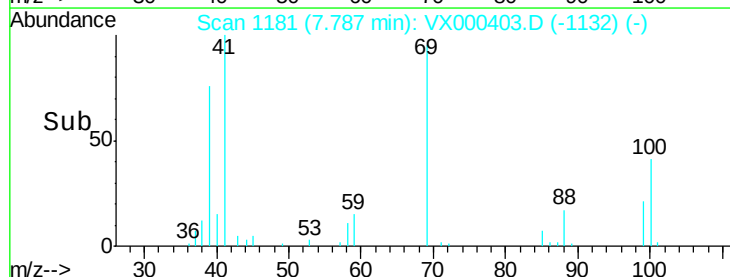
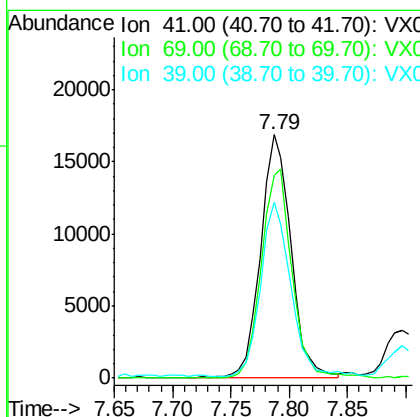
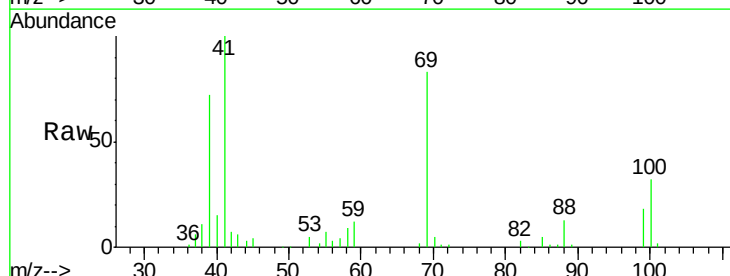
RT: 7.79 min Scan# 1181

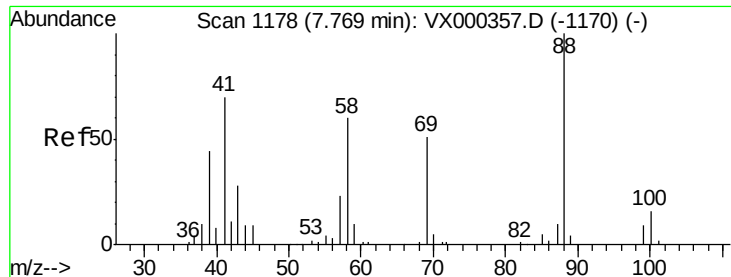
Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Tgt Ion:	41	Resp:	30504
Ion	Ratio	Lower	Upper
41	100		
69	86.6	68.2	102.4
39	71.6	54.6	81.8





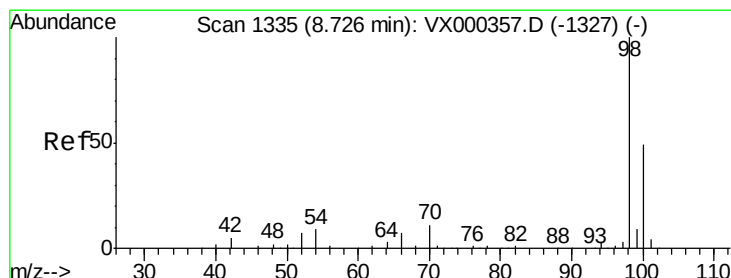
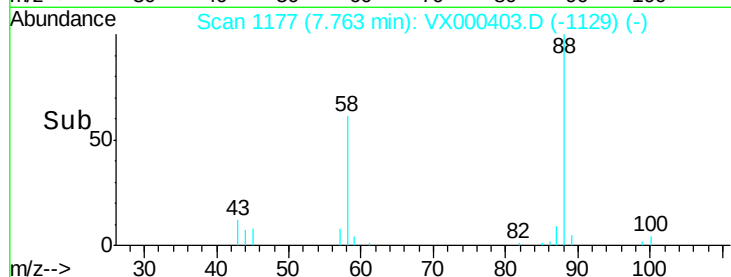
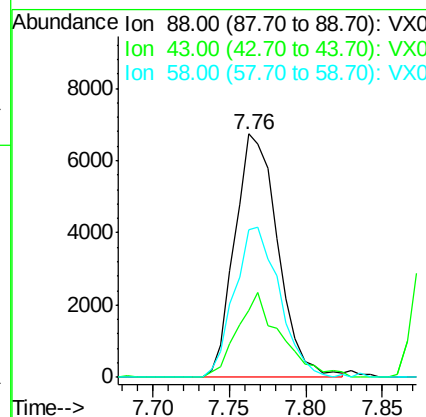
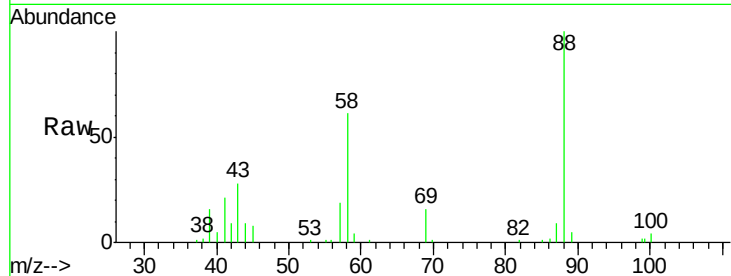
#49
1,4-Dioxane
Concen: 381.49 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	26.8	40.2
58	64.1	52.2	78.2

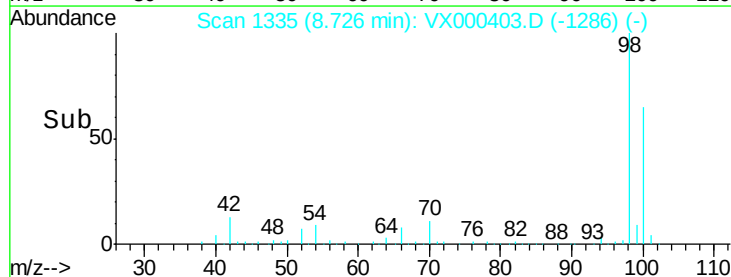
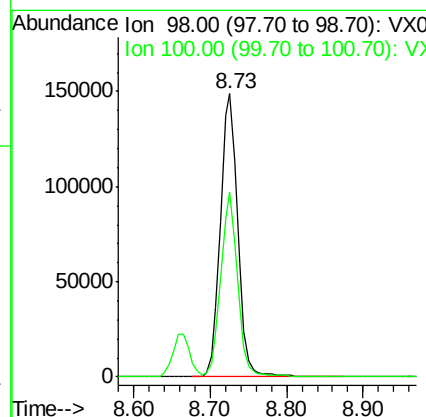
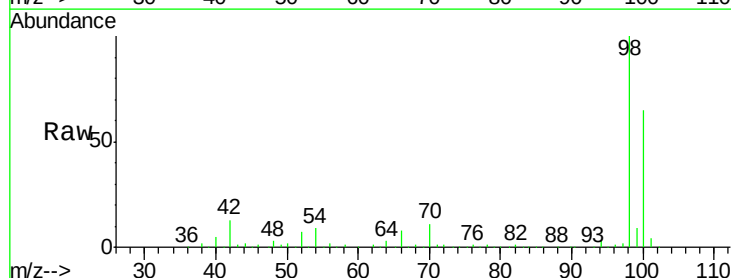
Manual Integrations
APPROVED

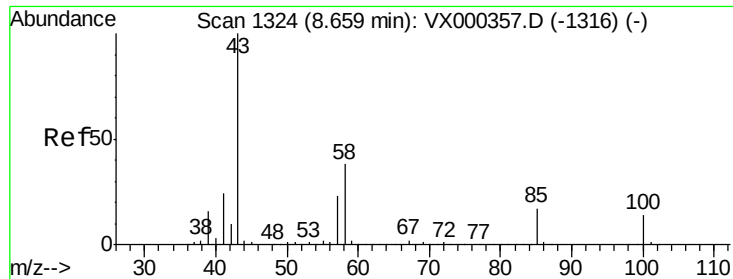
sam
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#50
Toluene-d8
Concen: 50.34 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 94.08 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

ClientSampled :

VX0322WBSD01

Tot Ion: 43 Resp: 246972

Ion Ratio Lower Upper

43 100

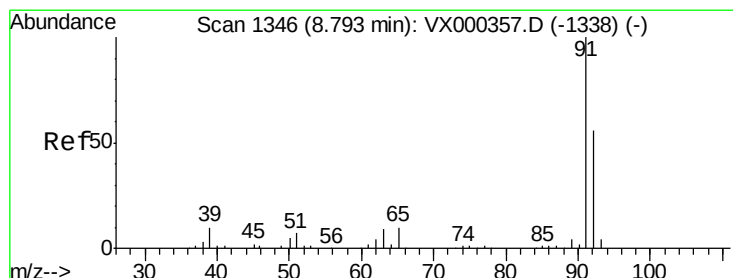
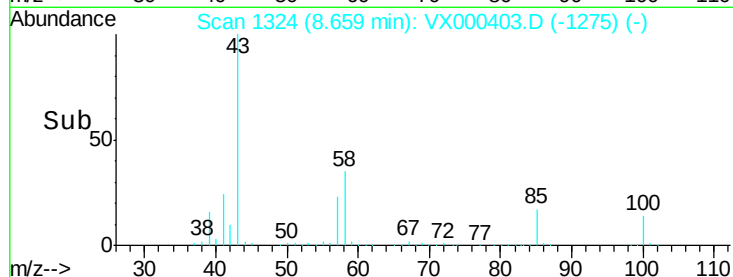
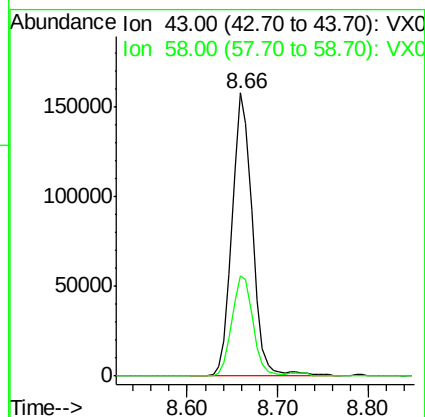
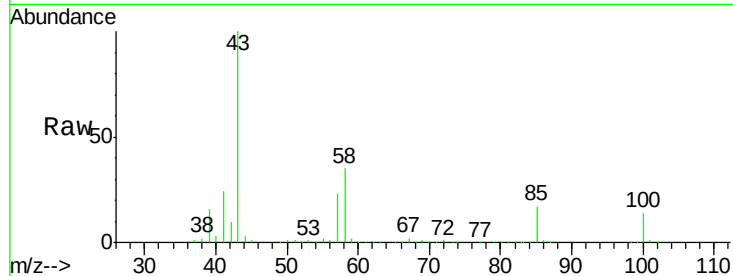
58 36.3 30.3 45.5

Manual Integrations

APPROVED

sam

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#52

Toluene

Concen: 18.61 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000403.D

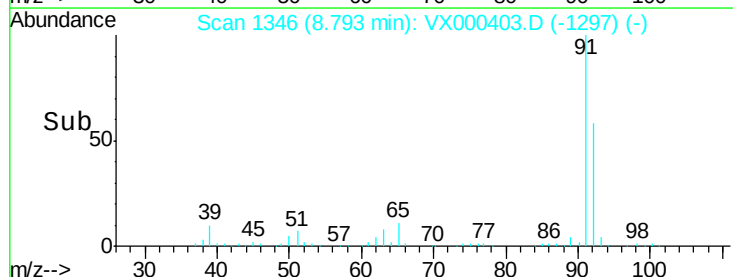
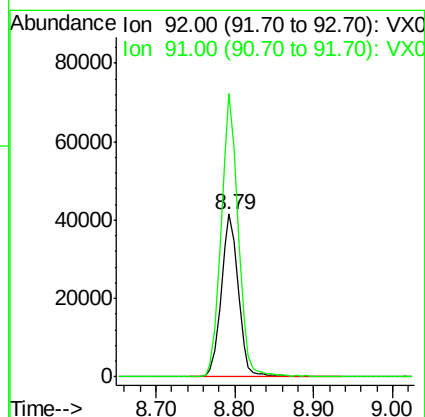
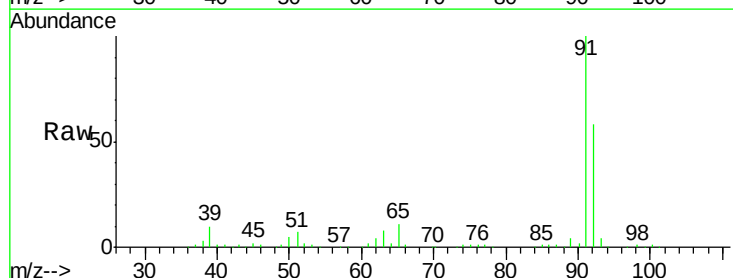
Acq: 22 Mar 2018 13:57

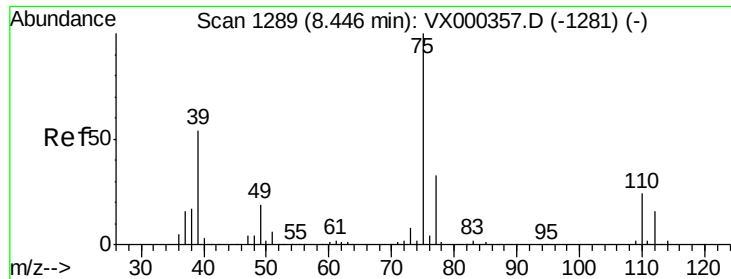
Tgt Ion: 92 Resp: 63007

Ion Ratio Lower Upper

92 100

91 173.3 140.2 210.2





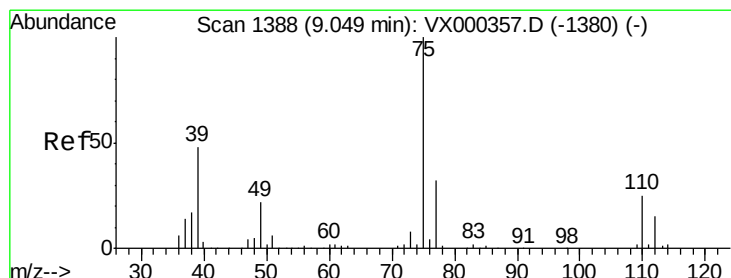
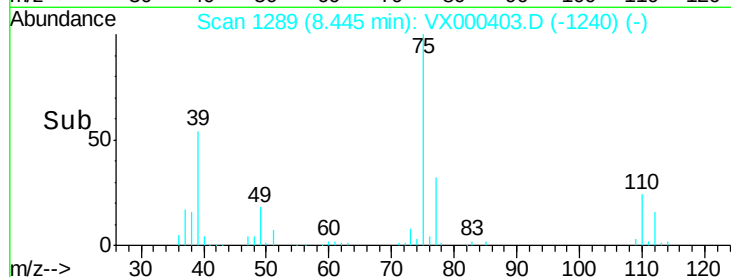
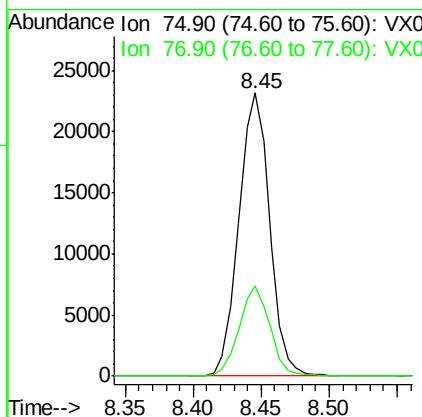
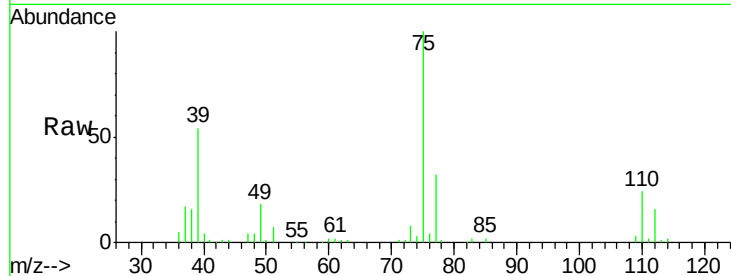
#53
t-1,3-Dichloropropene
Concen: 18.45 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Instrument :
MSVOA_X
ClientSampled :
VX0322WBSD01

Tot Ion: 75 Resp: 36609
Ion Ratio Lower Upper
75 100
77 31.8 24.0 36.0

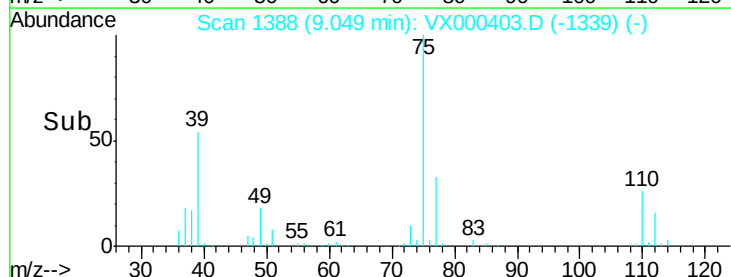
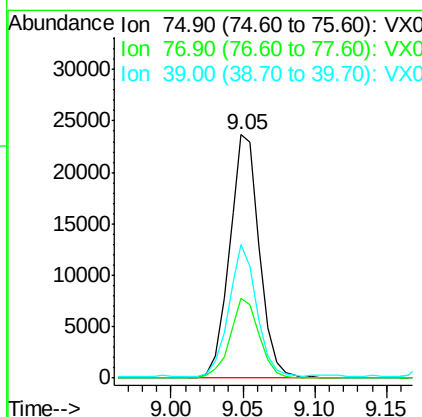
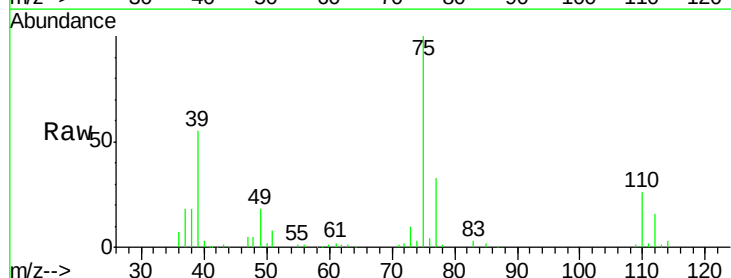
Manual Integrations
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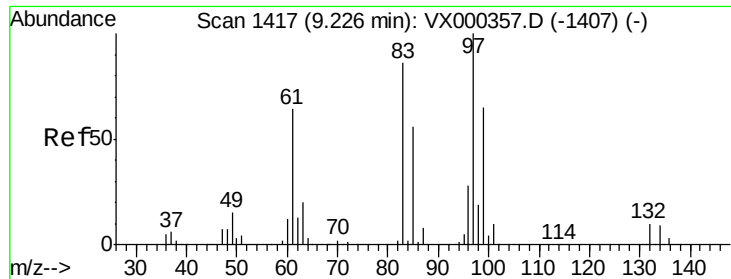
sam
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#54
cis-1,3-Dichloropropene
Concen: 17.78 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Tgt Ion: 75 Resp: 34210
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
39 54.0 39.8 59.6





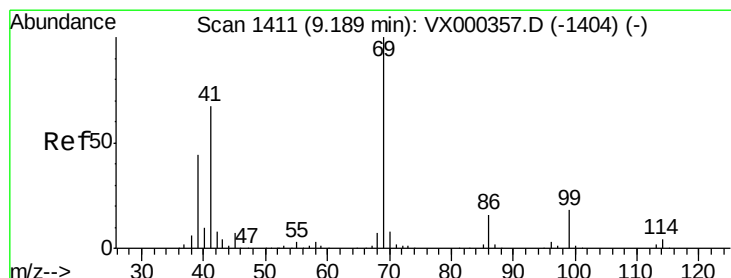
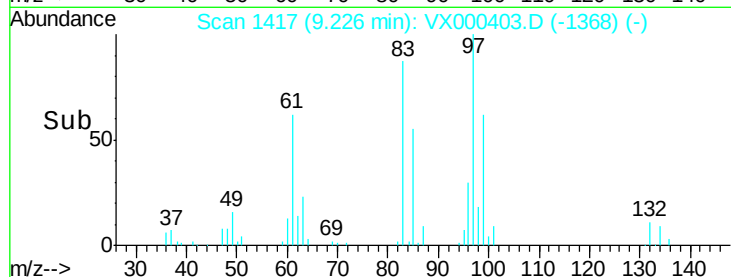
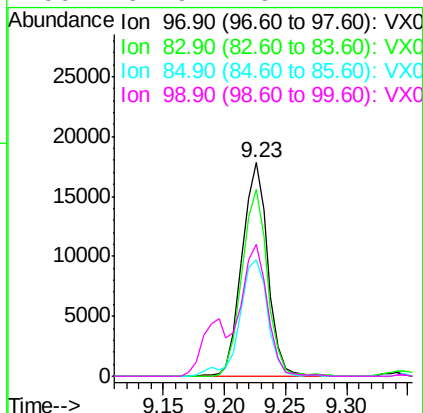
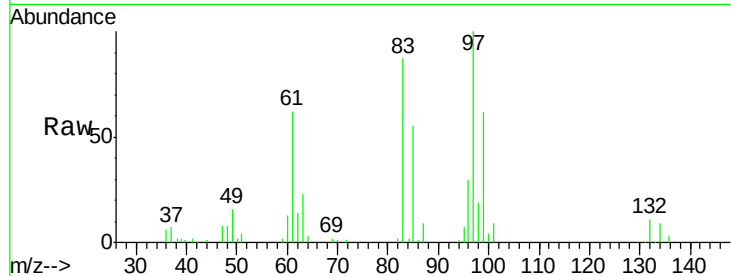
#55
 1,1,2-Trichloroethane
 Concen: 18.79 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

Tot Ion:	97	Resp:	26166
Ion	Ratio	Lower	Upper
97	100		
83	87.3	67.9	101.9
85	54.5	42.8	64.2
99	61.9	49.4	74.2

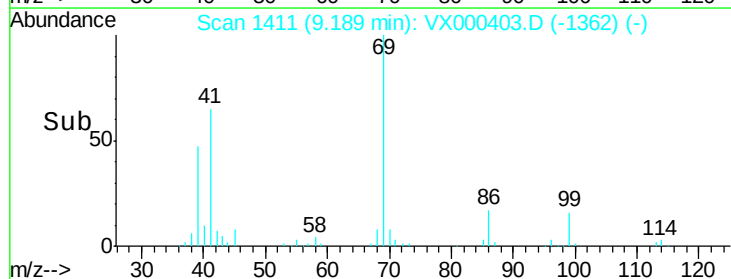
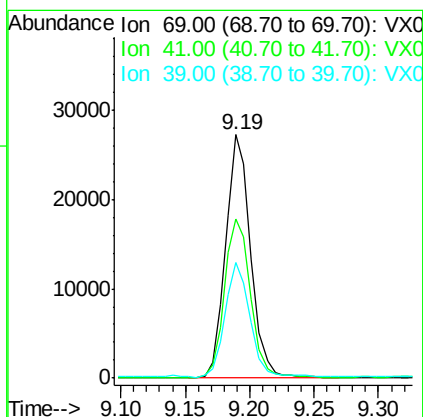
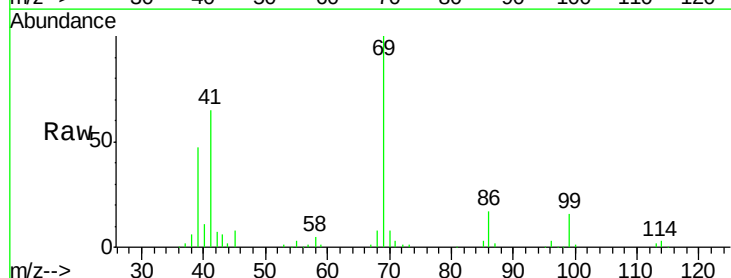
Manual Integrations
 APPROVED

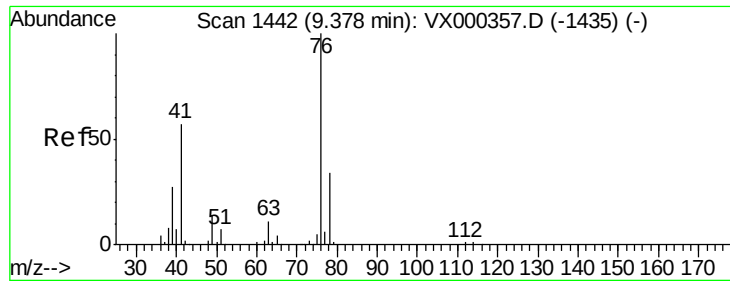
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#56
 Ethyl methacrylate
 Concen: 17.70 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Tgt Ion:	69	Resp:	37345
Ion	Ratio	Lower	Upper
69	100		
41	68.7	53.0	79.6
39	46.7	35.3	52.9





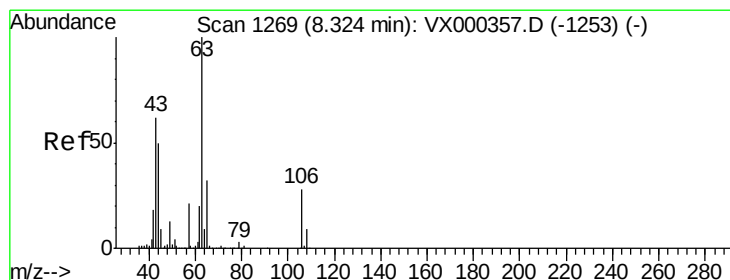
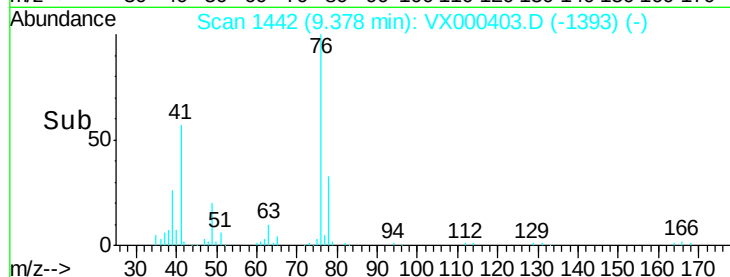
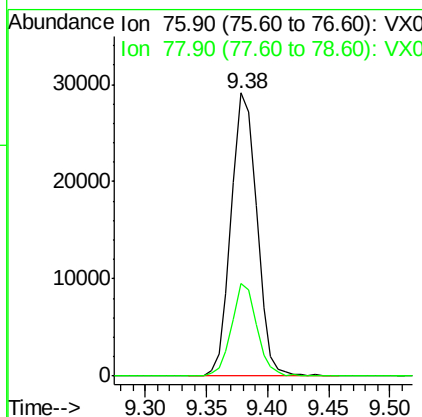
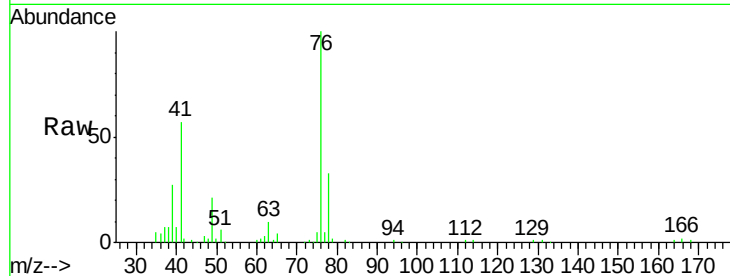
#57
 1,3-Dichloropropane
 Concen: 19.09 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

Tot Ion: 76 Resp: 42522
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.4 39.6

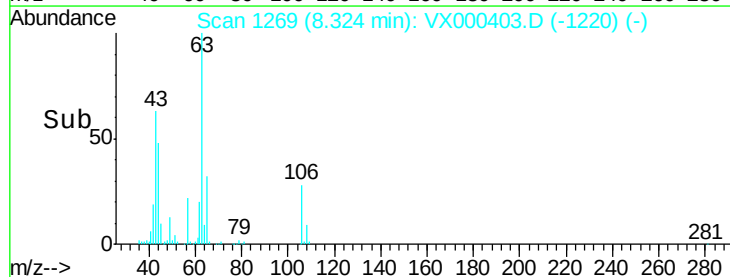
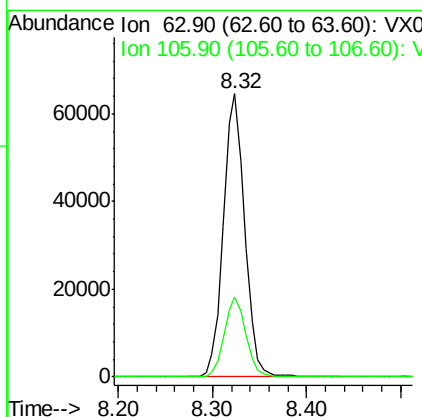
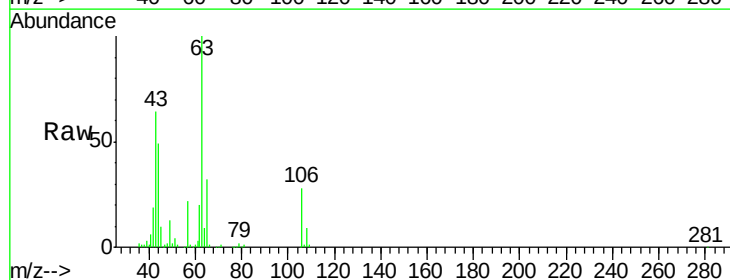
Manual Integrations
 APPROVED

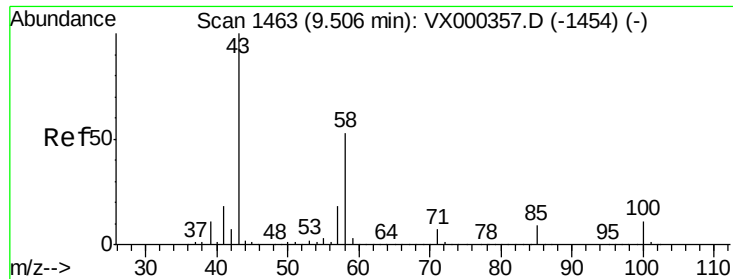
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 100.05 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Tgt Ion: 63 Resp: 101322
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.2 34.8





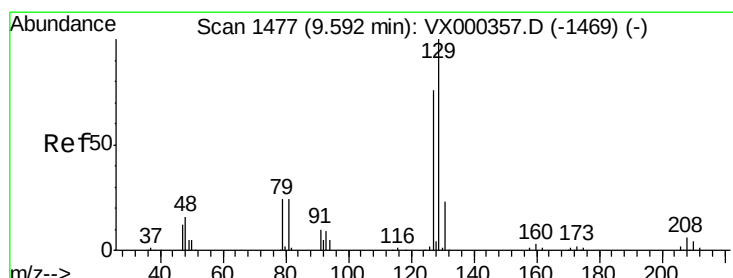
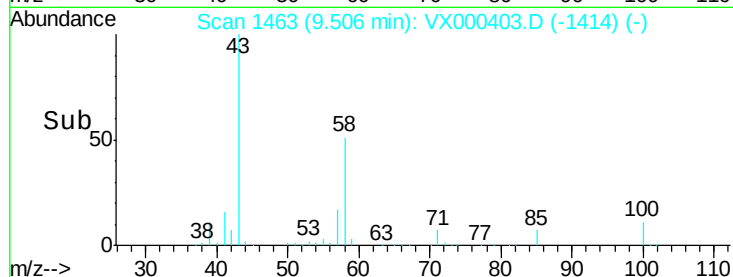
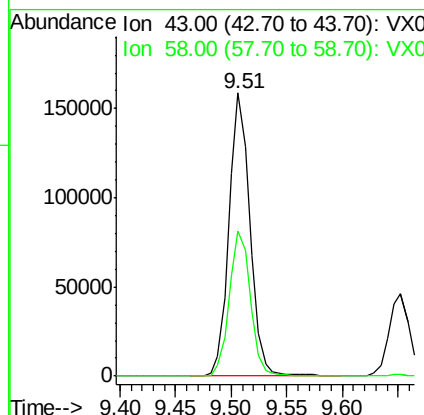
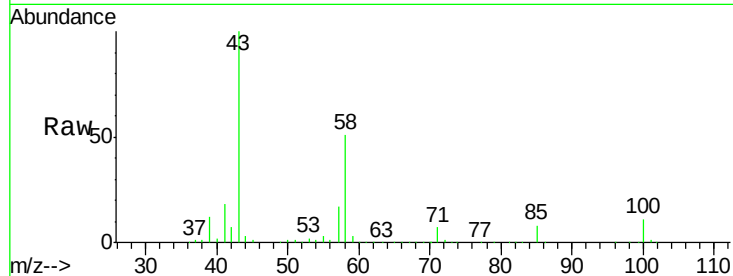
#59
2-Hexanone
Concen: 93.25 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Instrument :
MSVOA_X
ClientSampled :
VX0322WBSD01

Tot Ion: 43 Resp: 207852
Ion Ratio Lower Upper
43 100
58 51.8 26.6 79.7

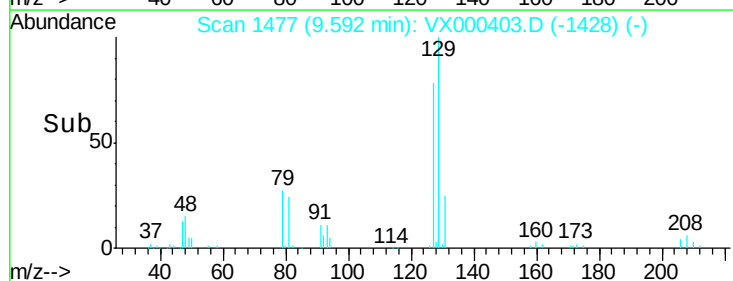
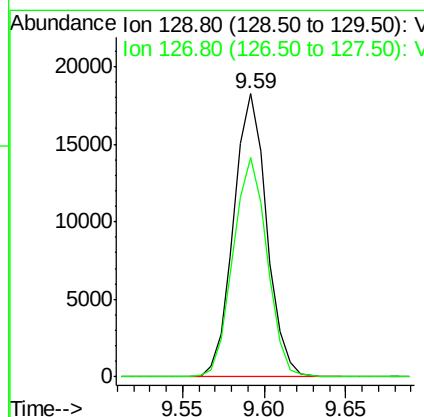
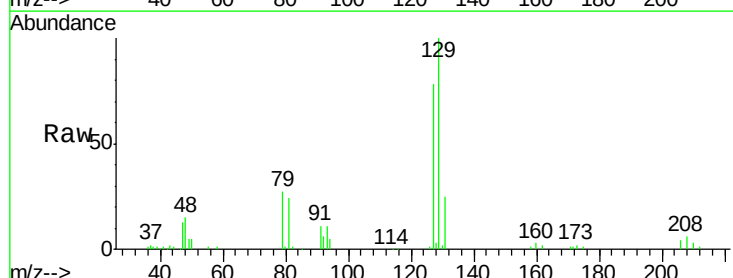
Manual Integrations
APPROVED

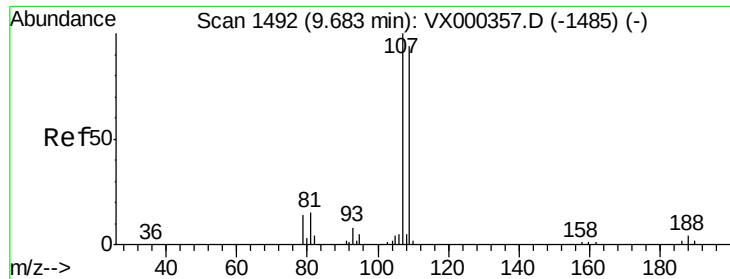
sam
3/23/2018 1:53:01 PM



#60
Dibromochloromethane
Concen: 18.50 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Tgt Ion: 129 Resp: 25830
Ion Ratio Lower Upper
129 100
127 79.4 37.9 113.6





#61

1,2-Dibromoethane

Concen: 18.74 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01

Tot Ion:107 Resp: 27982

Ion Ratio Lower Upper

107 100

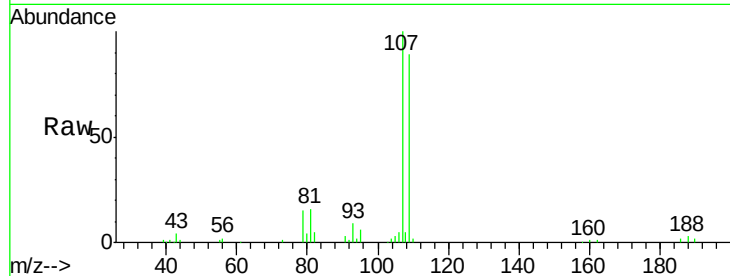
109 93.0 76.1 114.1

Manual Integrations

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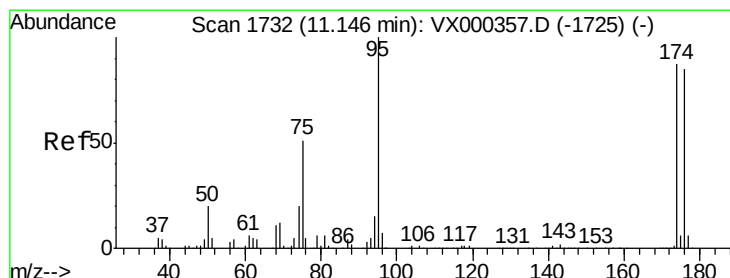
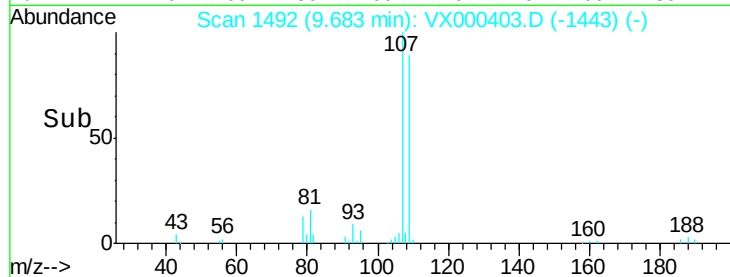
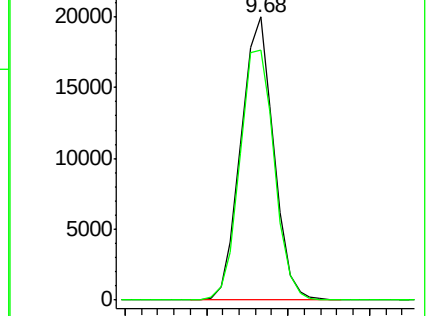
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.31 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

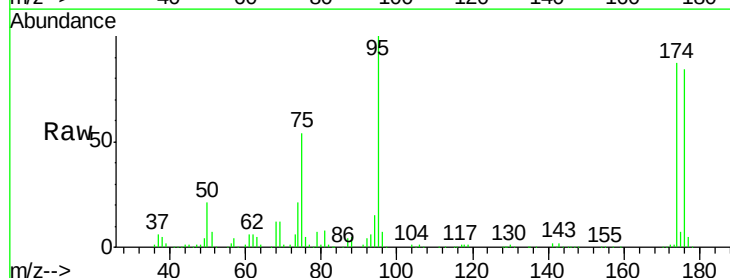
Tgt Ion: 95 Resp: 85436

Ion Ratio Lower Upper

95 100

174 87.7 0.0 173.6

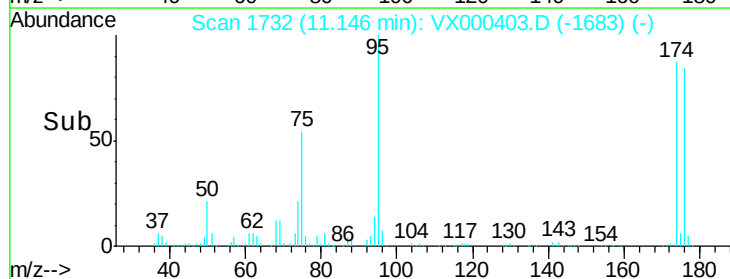
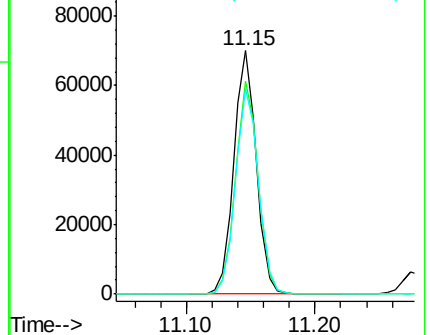
176 86.2 0.0 164.6

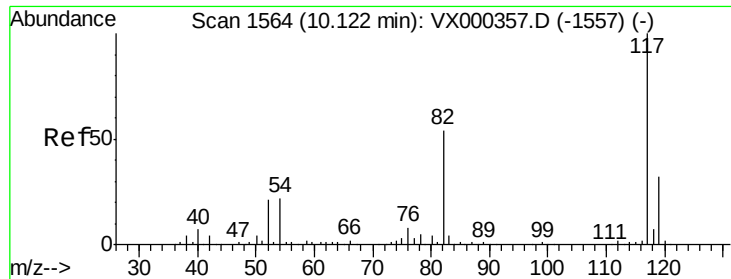


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





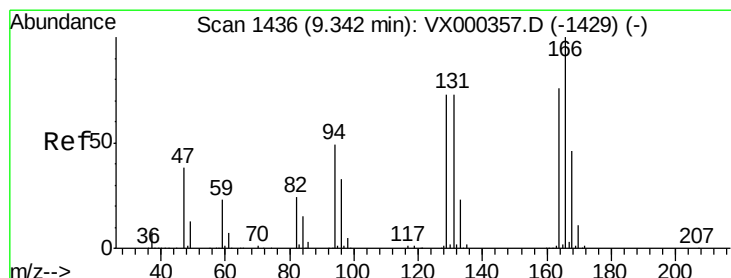
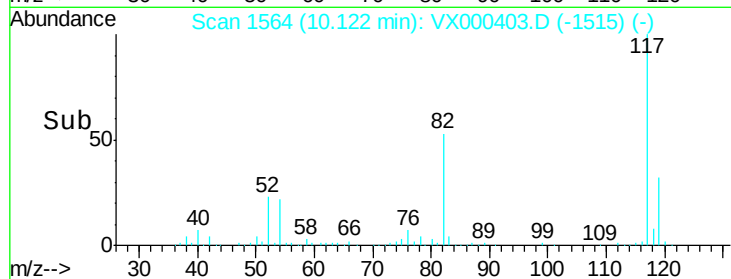
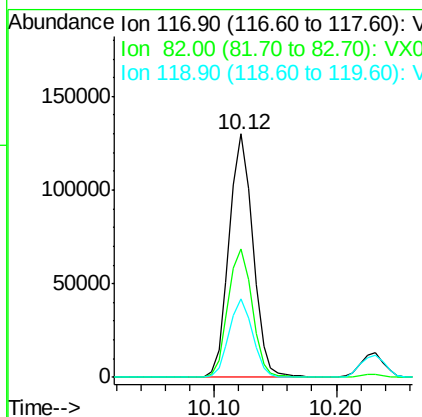
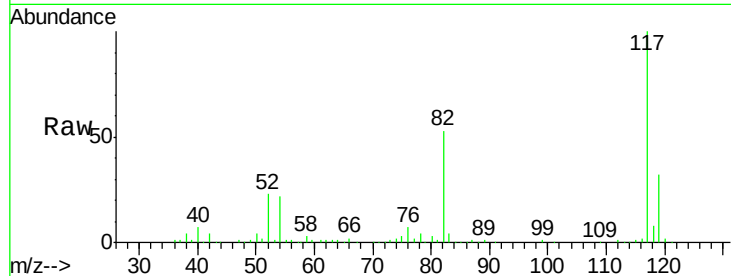
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.8	65.8
119	32.2	24.9	37.3

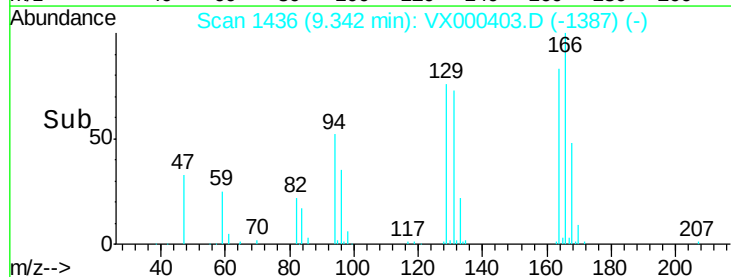
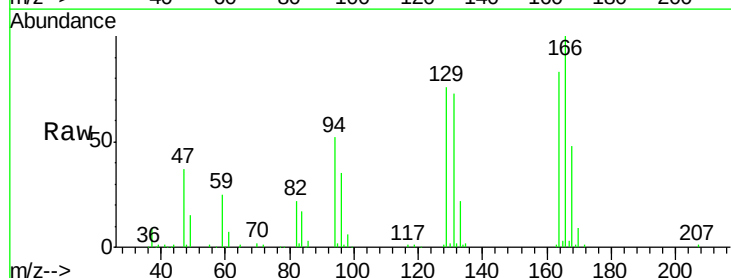
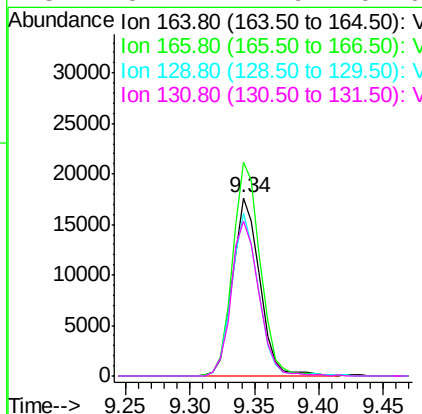
Manual Integrations
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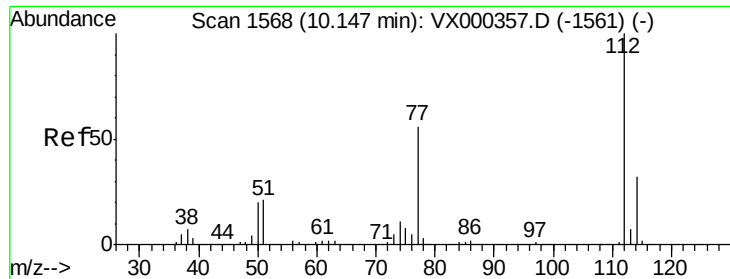
sam
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#64
Tetrachloroethene
Concen: 19.24 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.8	101.0	151.6
129	91.5	79.0	118.4
131	87.1	71.9	107.9





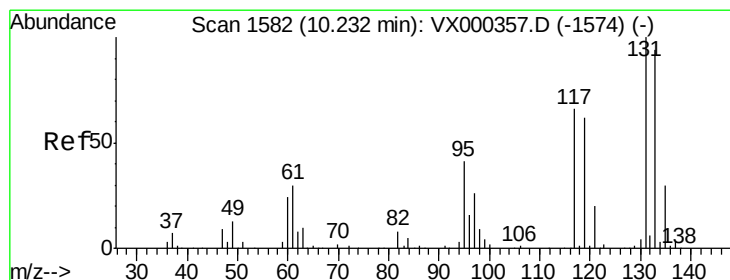
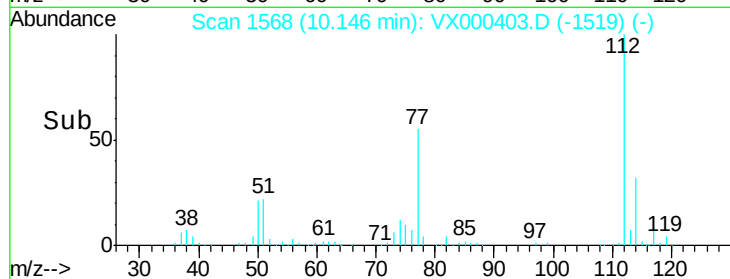
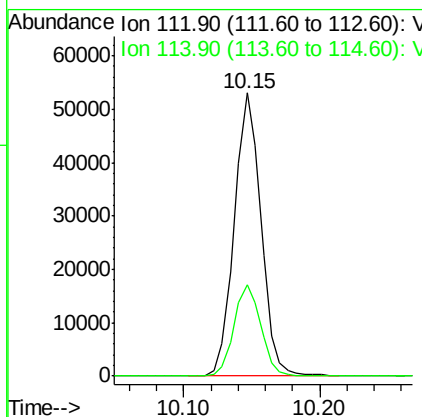
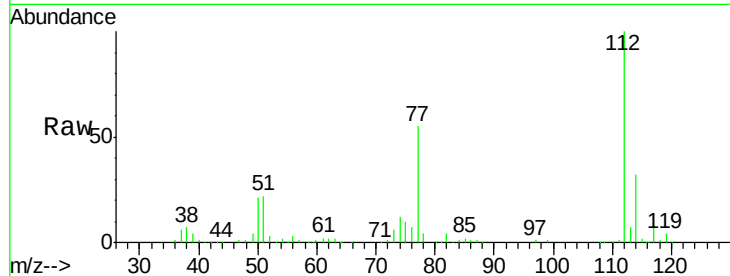
#65
Chlorobenzene
Concen: 18.60 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tot Ion:112 Resp: 72502
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

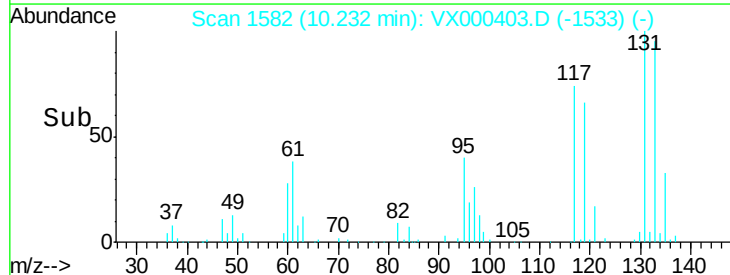
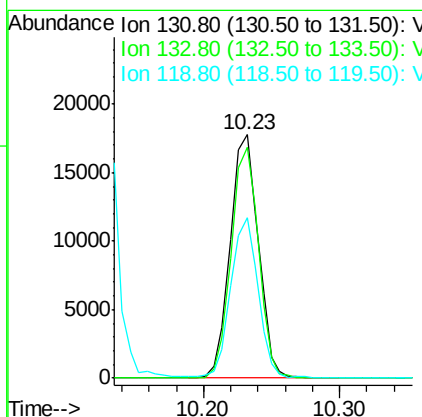
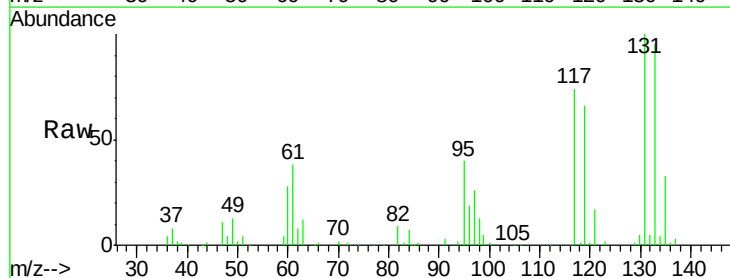
Manual Integrations
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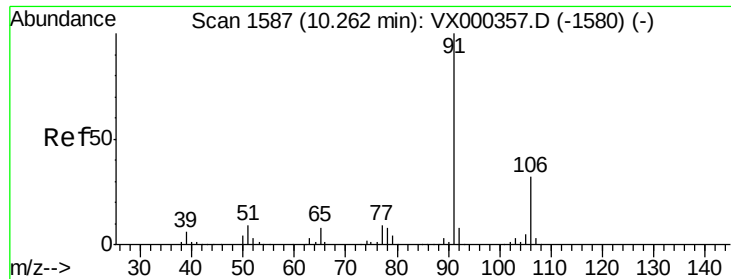
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.39 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Tgt Ion:131 Resp: 25665
Ion Ratio Lower Upper
131 100
133 91.8 47.1 141.3
119 64.3 33.1 99.2





#67

Ethyl Benzene

Concen: 18.56 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01

Tot Ion: 91 Resp: 122643

Ion Ratio Lower Upper

91 100

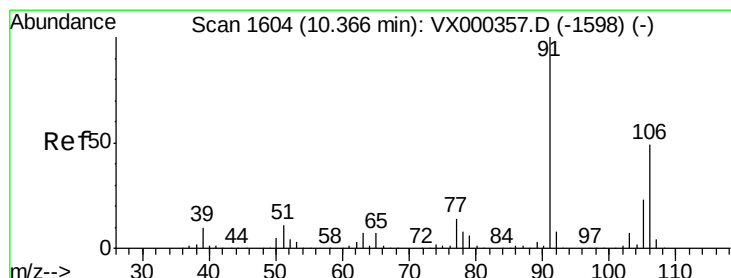
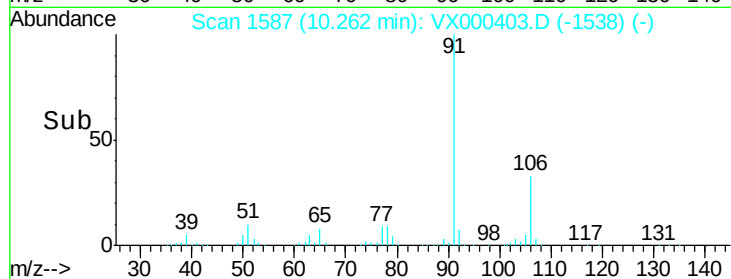
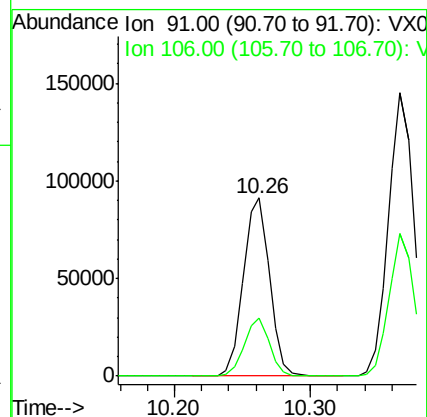
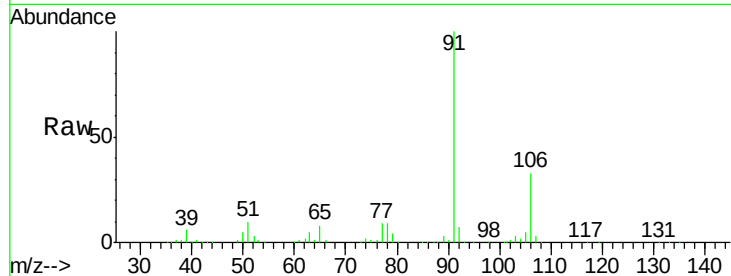
106 32.8 25.0 37.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 36.42 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000403.D

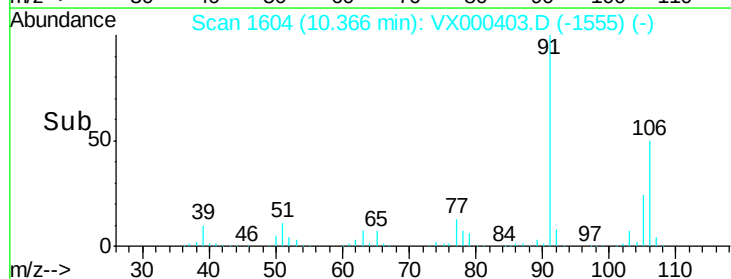
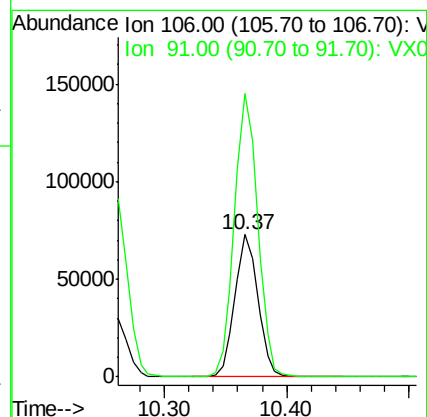
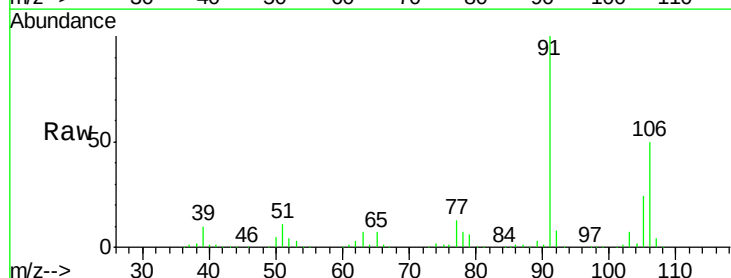
Acq: 22 Mar 2018 13:57

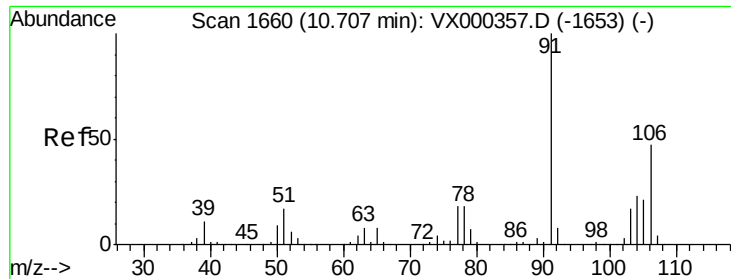
Tgt Ion: 106 Resp: 94700

Ion Ratio Lower Upper

106 100

91 202.4 163.4 245.2





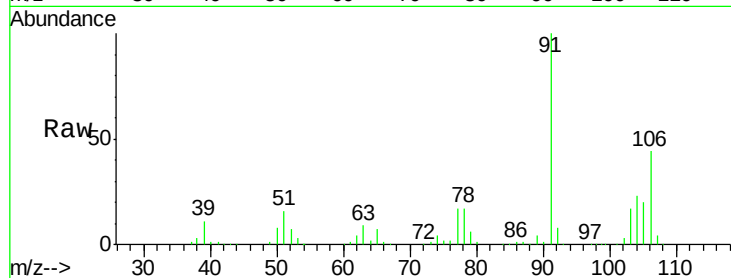
#69
o-Xylene
Concen: 18.17 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

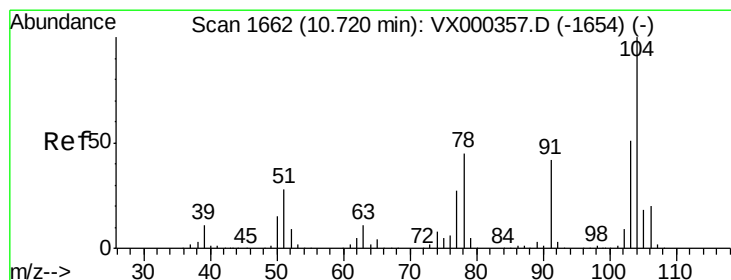
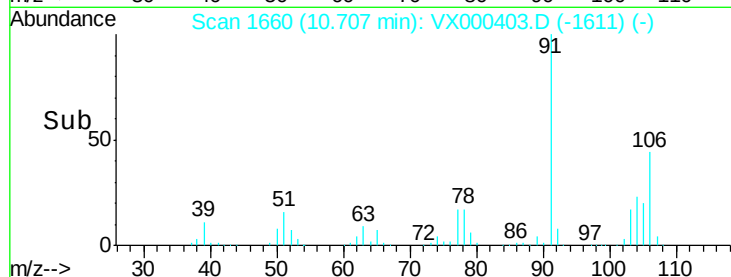
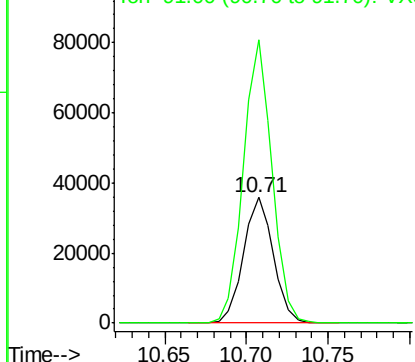
Tot Ion:106 Resp: 45758
Ion Ratio Lower Upper
106 100
91 216.9 106.5 319.6

Manual Integrations
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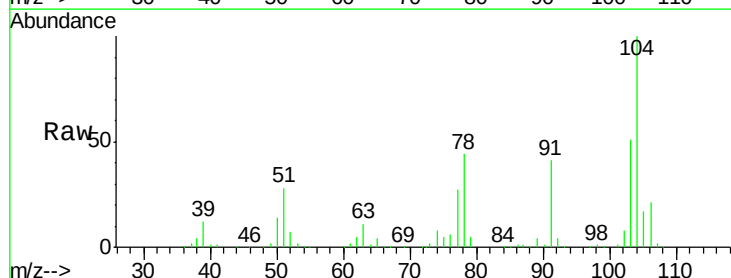


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

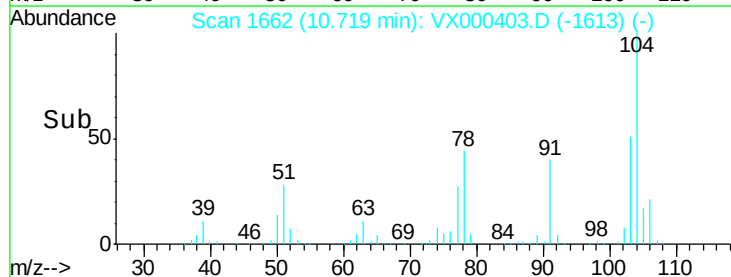
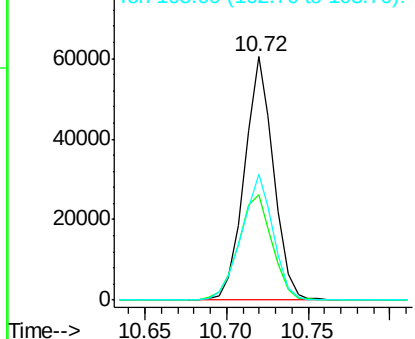


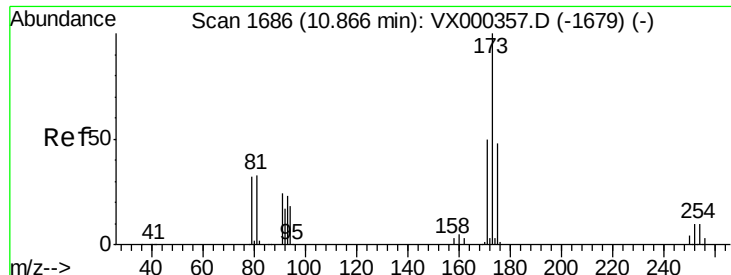
#70
Styrene
Concen: 17.96 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Tgt Ion:104 Resp: 74837
Ion Ratio Lower Upper
104 100
78 50.7 40.5 60.7
103 56.4 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.76 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

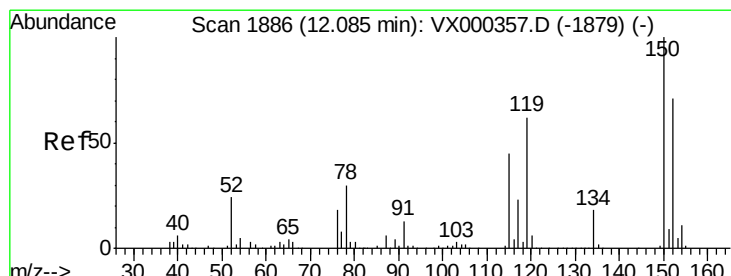
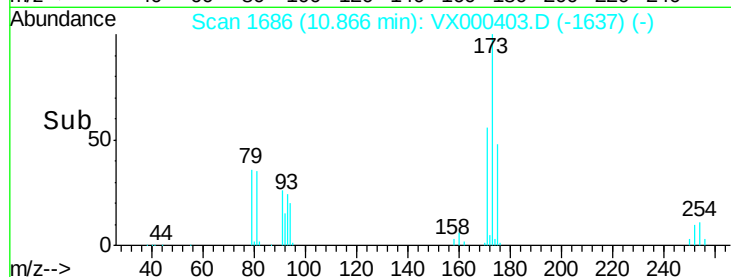
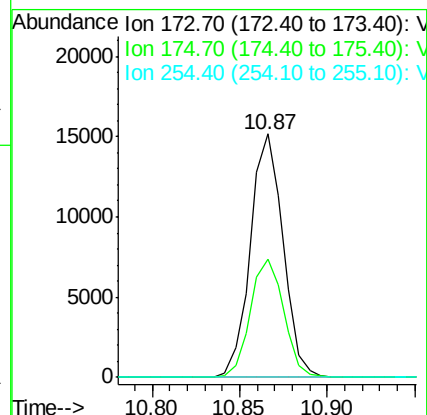
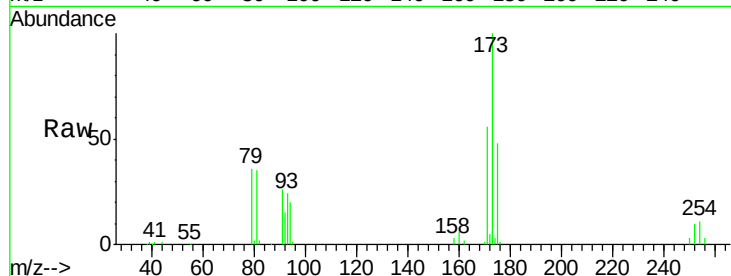
ClientSampleId :

VX0322WBSD01

Tot Ion:	173	Resp:	19811
Ion Ratio	Lower	Upper	
173	100		
175	49.4	25.4	76.4
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

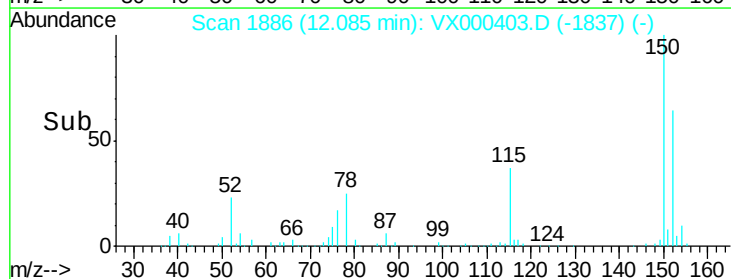
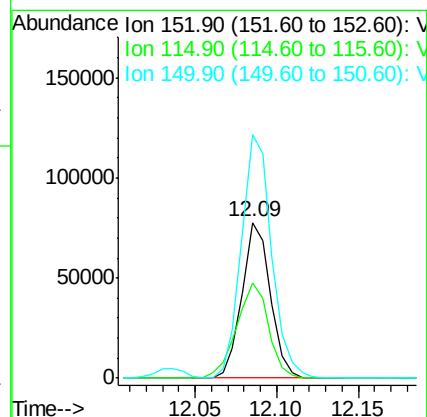
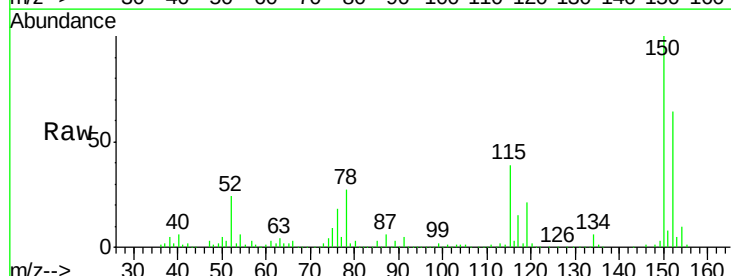
RT: 12.09 min Scan# 1886

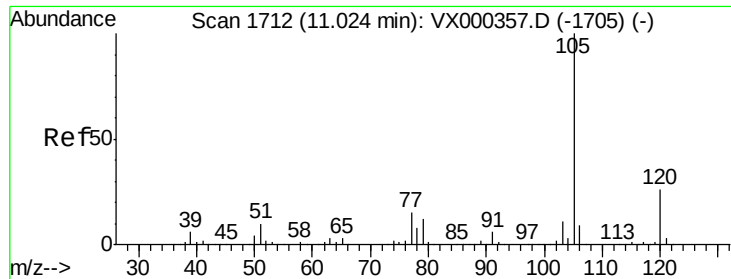
Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Tgt Ion:	152	Resp:	94117
Ion Ratio	Lower	Upper	
152	100		
115	69.2	39.8	119.3
150	166.4	0.0	344.4





#73

Isopropylbenzene

Concen: 20.53 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01

Tot Ion:105 Resp: 128040

Ion Ratio Lower Upper

105 100

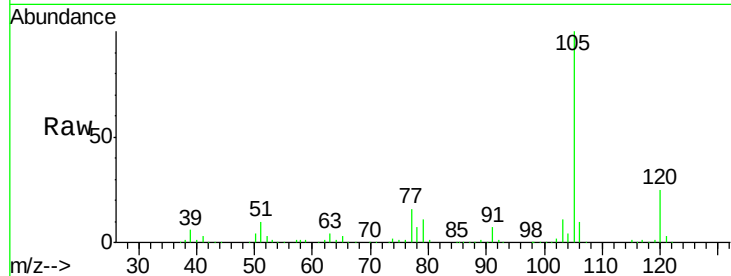
120 26.3 13.6 40.7

Manual Integrations

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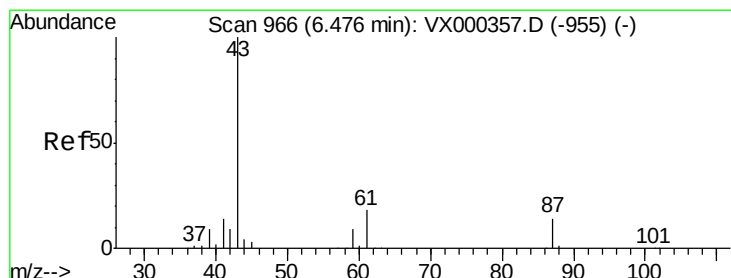
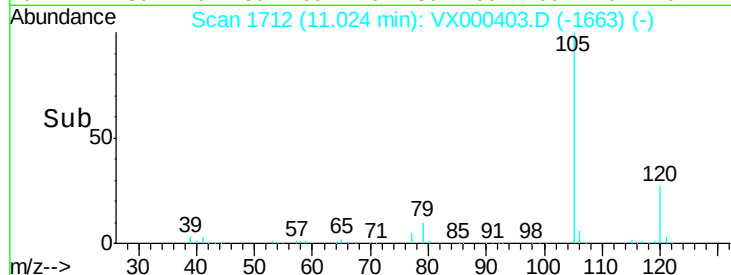
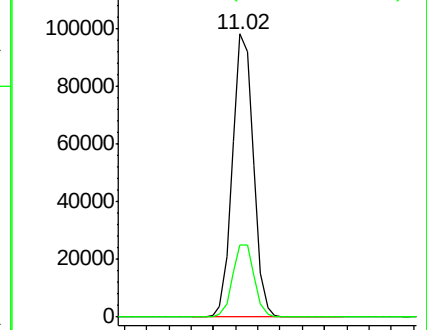
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.53 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Tgt Ion: 43 Resp: 61081

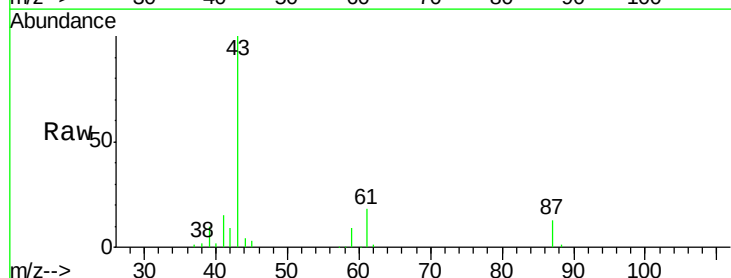
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.4 14.4 21.6

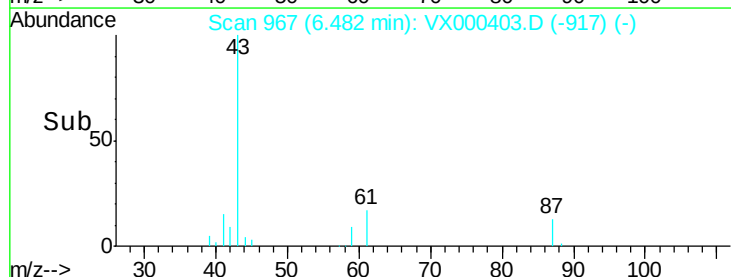
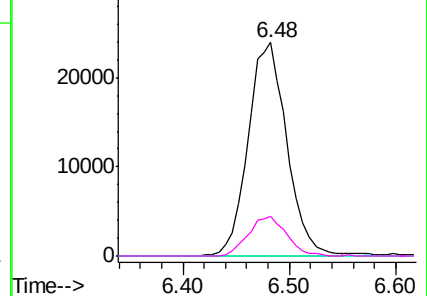


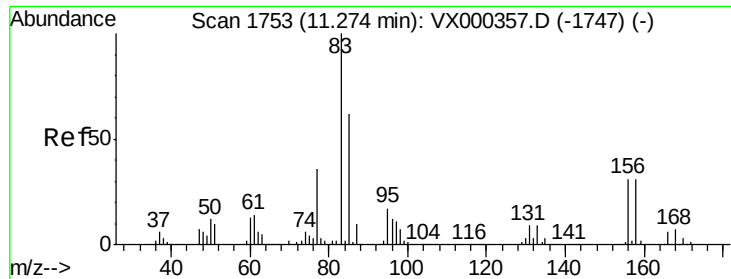
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.14 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

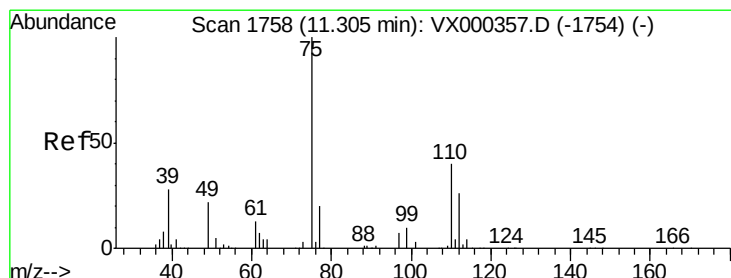
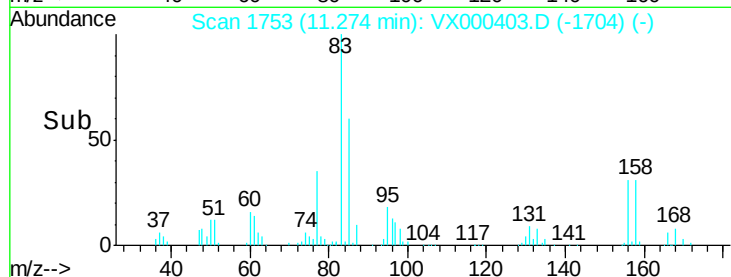
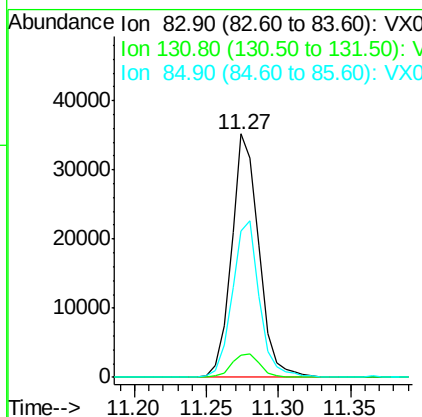
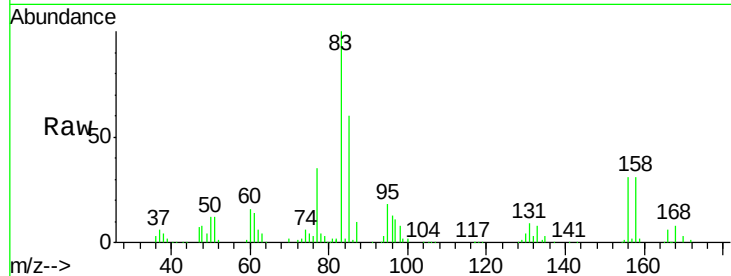
ClientSampleId :

VX0322WBSD01

Tot Ion:	83	Resp:	46624
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	14.9
85	64.2	32.5	97.5

Manual Integrations
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3/23/2018 1:53:01 PM



#76

1,2,3-Trichloropropane

Concen: 20.70 ug/l m

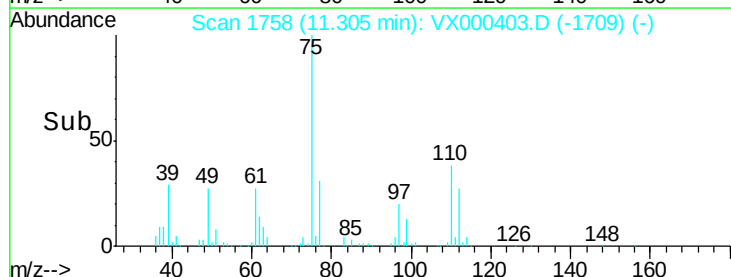
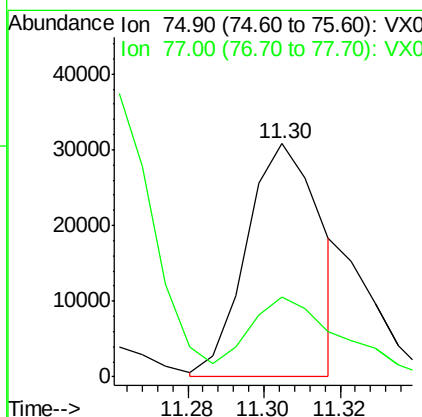
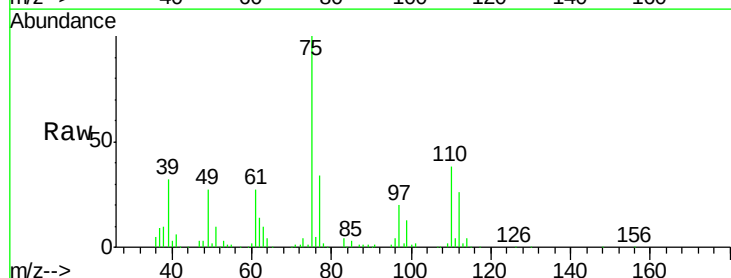
RT: 11.30 min Scan# 1758

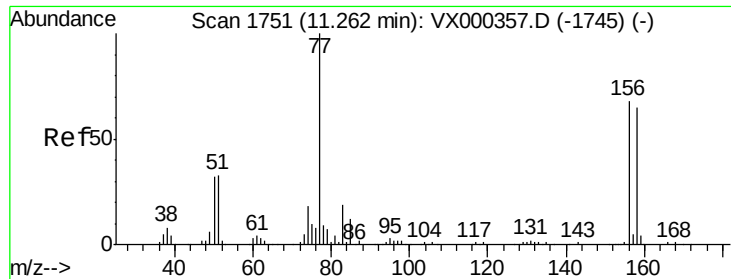
Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Tgt Ion:	75	Resp:	41865
Ion	Ratio	Lower	Upper
75	100		
77	42.3	21.4	64.2





#77

Bromobenzene

Concen: 19.22 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01

Tot Ion:156 Resp: 31922

Ion Ratio Lower Upper

156 100

77 146.8 73.4 220.2

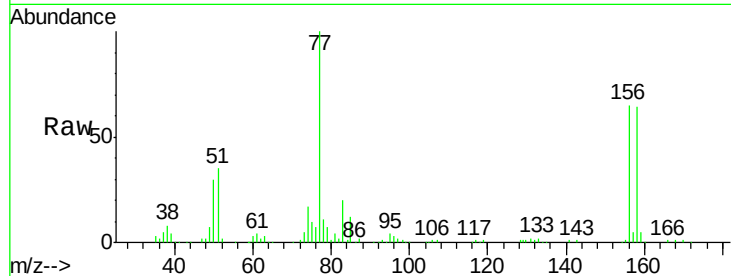
158 96.4 48.5 145.6

Manual Integrations

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sam

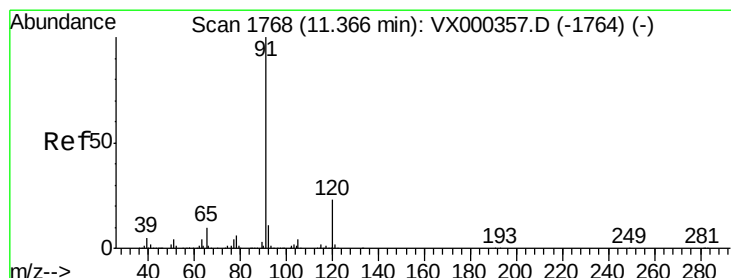
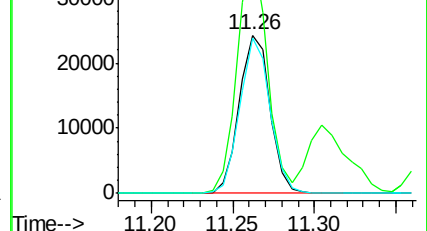
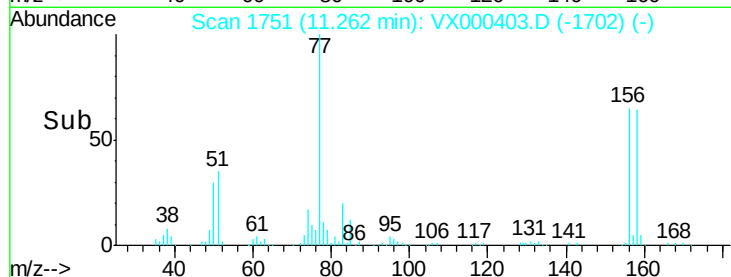
3/23/2018 1:53:01 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.55 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000403.D

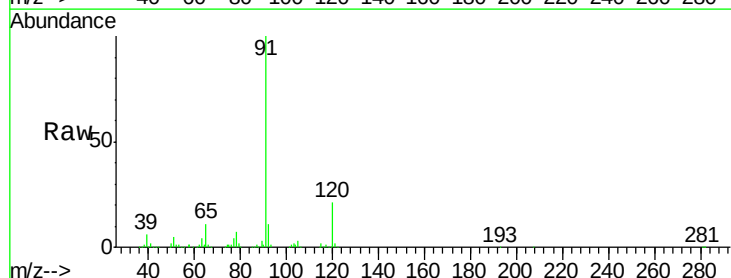
Acq: 22 Mar 2018 13:57

Tgt Ion: 91 Resp: 145345

Ion Ratio Lower Upper

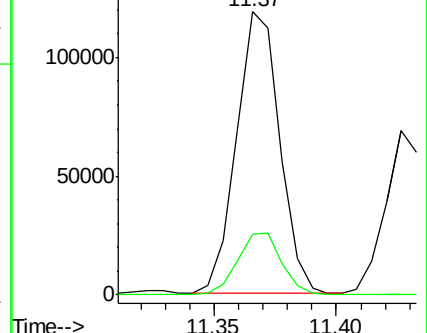
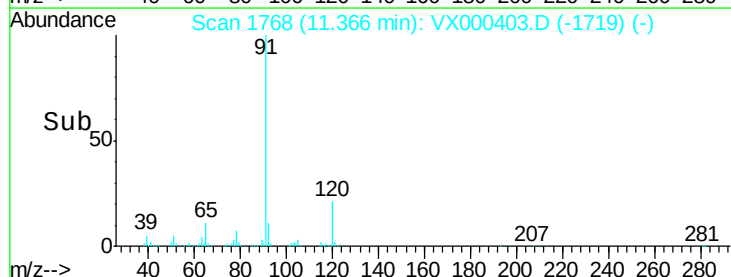
91 100

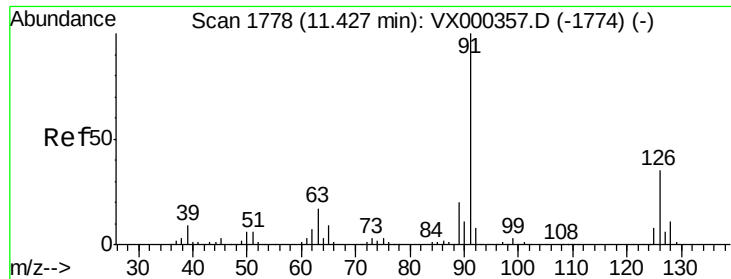
120 22.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.41 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01

Tot Ion: 91 Resp: 83392

Ion Ratio Lower Upper

91 100

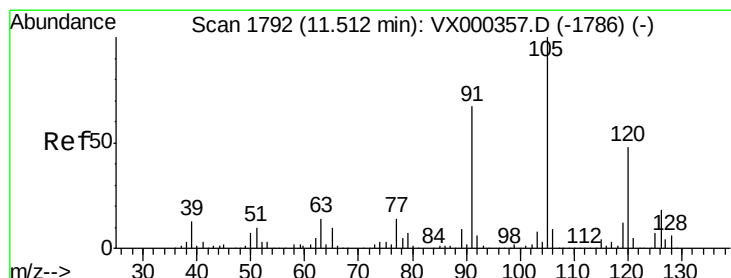
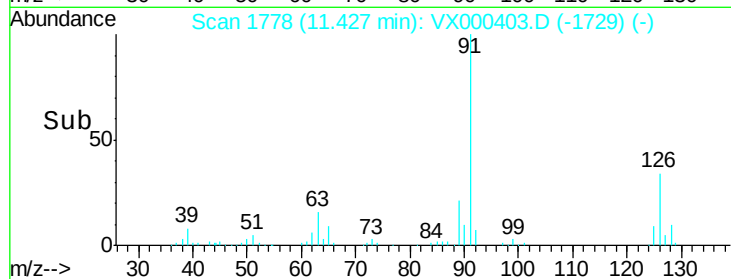
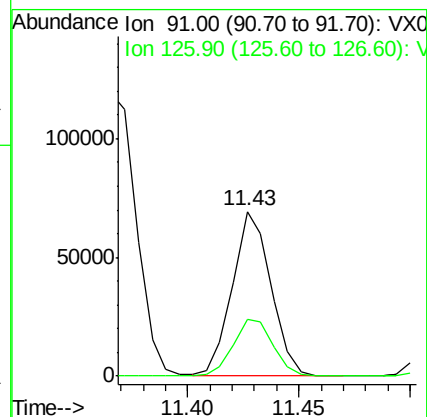
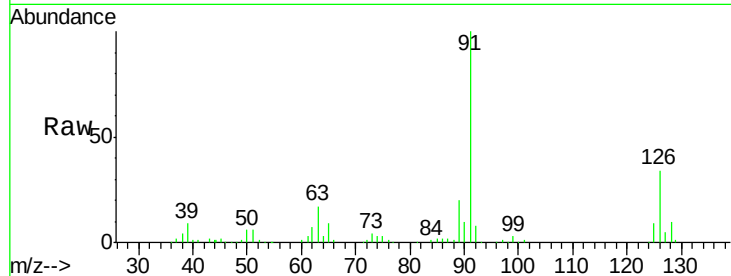
126 35.7 17.7 53.1

Manual Integrations

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sam

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#80

1,3,5-Trimethylbenzene

Concen: 19.66 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000403.D

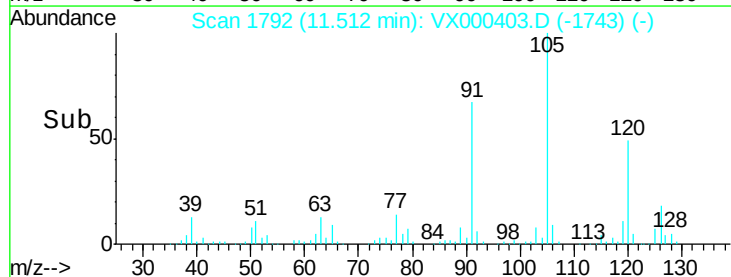
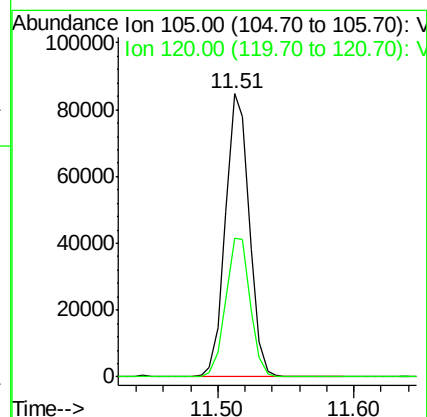
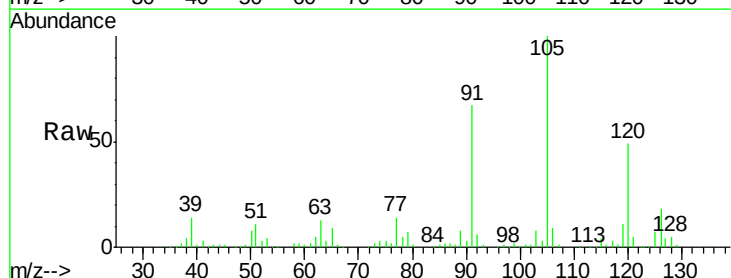
Acq: 22 Mar 2018 13:57

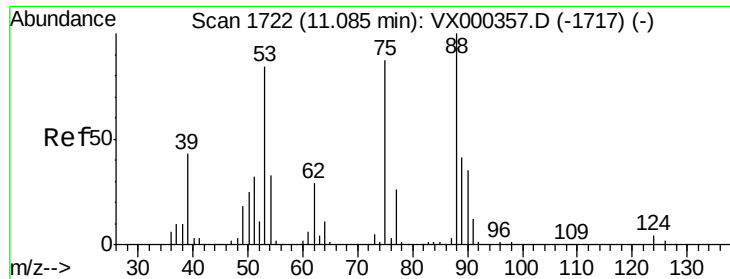
Tgt Ion:105 Resp: 103076

Ion Ratio Lower Upper

105 100

120 50.1 24.1 72.4





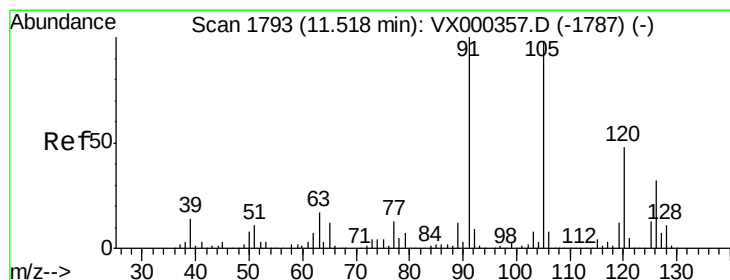
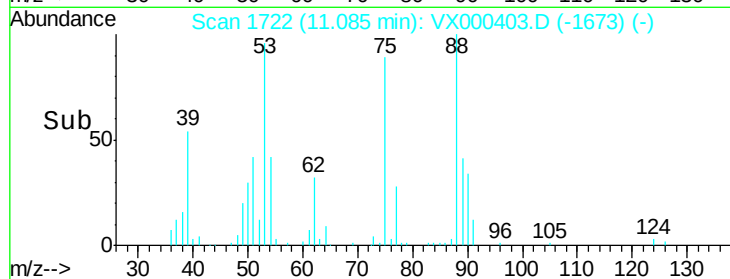
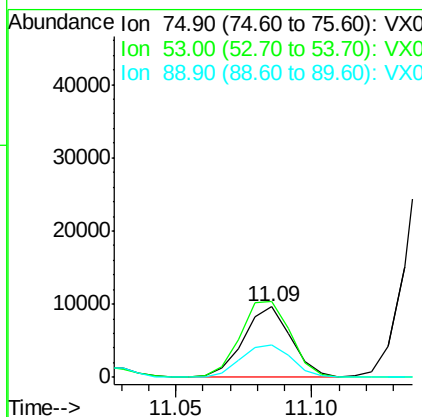
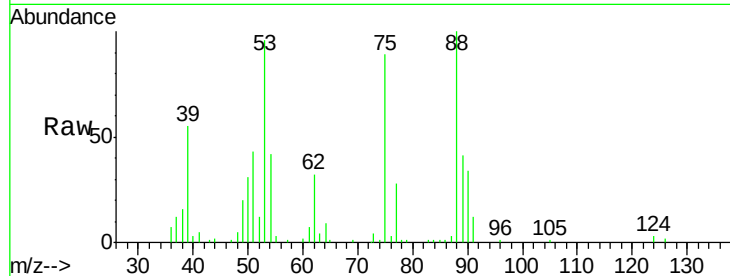
#81
trans-1,4-Dichloro-2-butene
Concen: 18.68 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	114.5	80.7	121.1
89	49.3	39.4	59.0

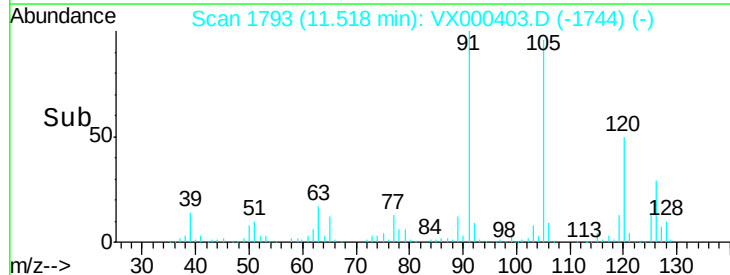
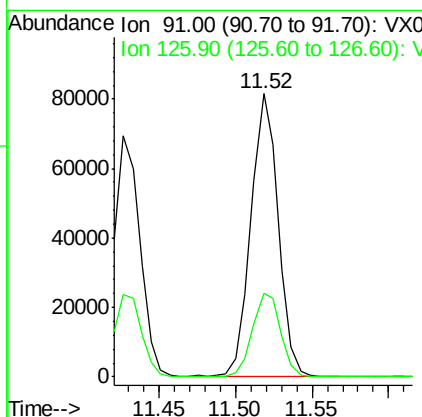
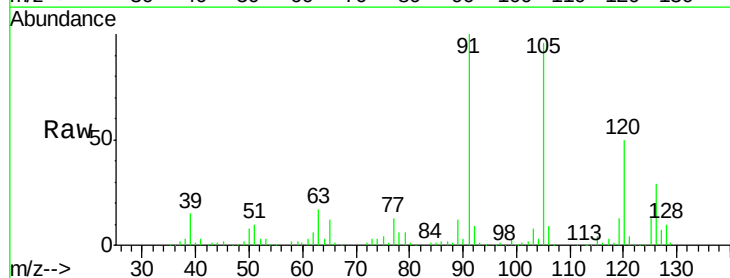
Manual Integrations
APPROVED

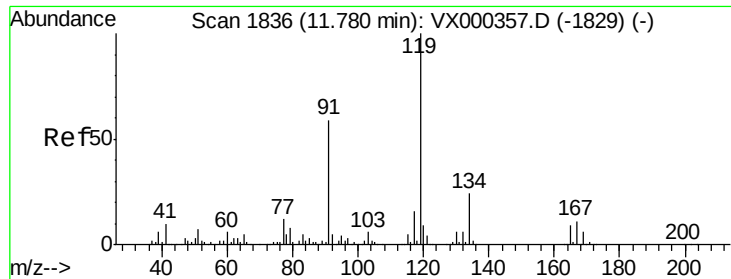
sam
3/23/2018 1:53:01 PM



#82
4-Chlorotoluene
Concen: 19.71 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.4	46.1





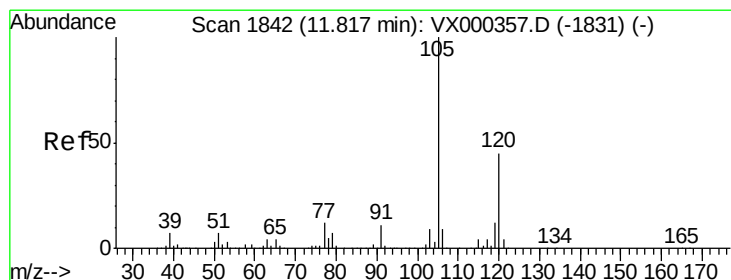
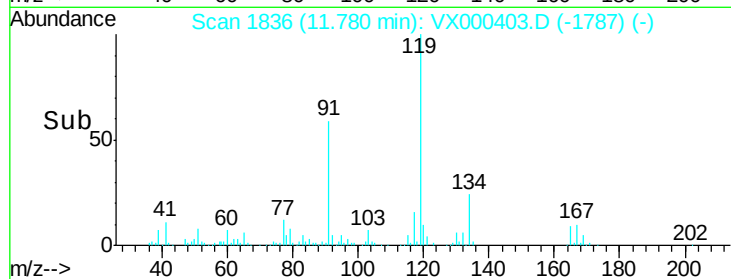
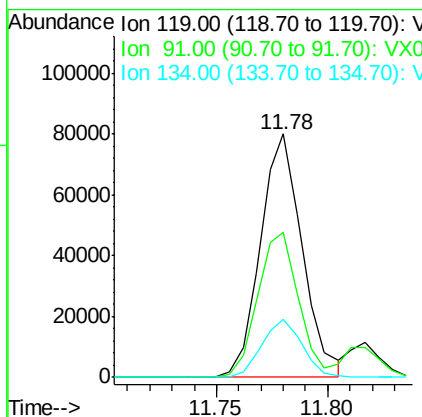
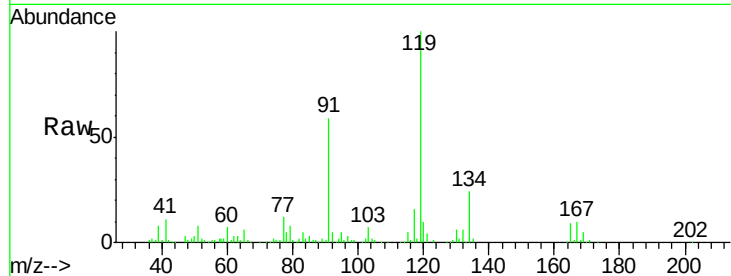
#83
 tert-Butylbenzene
 Concen: 19.75 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	104462		
91	58.0		28.8	86.4
134	23.0		11.4	34.1

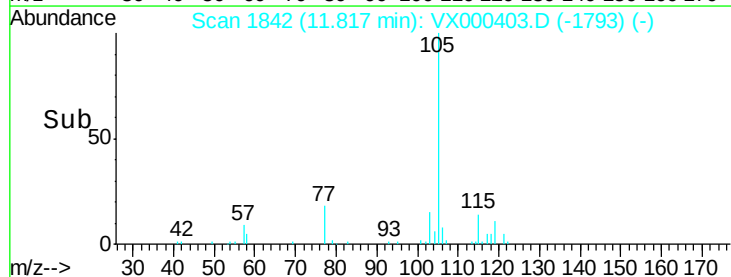
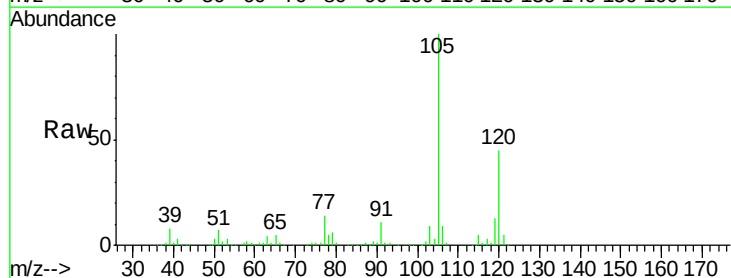
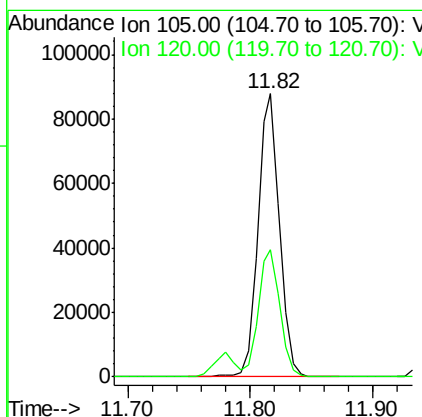
Manual Integrations
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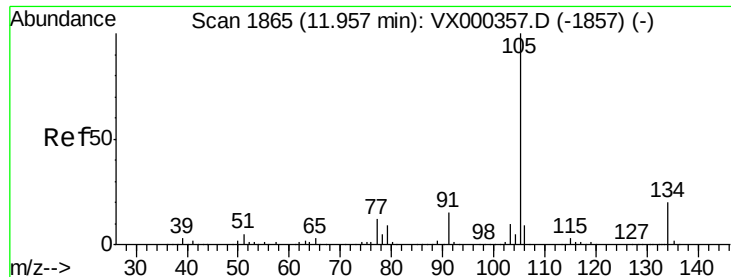
sam
 3/23/2018 1:53:01 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.62 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	107880		
120	45.1		22.4	67.3





#85

sec-Butylbenzene

Concen: 20.02 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBSD01

Tot Ion:105 Resp: 131006

Ion Ratio Lower Upper

105 100

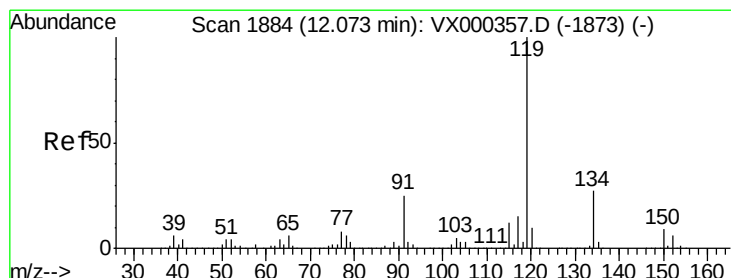
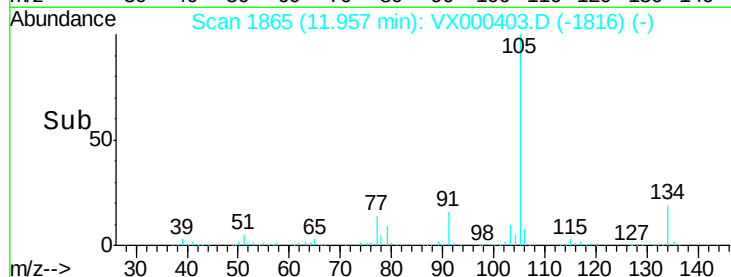
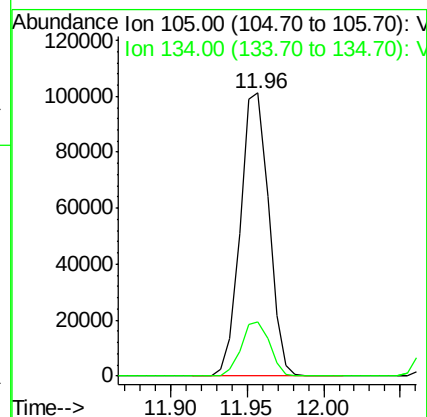
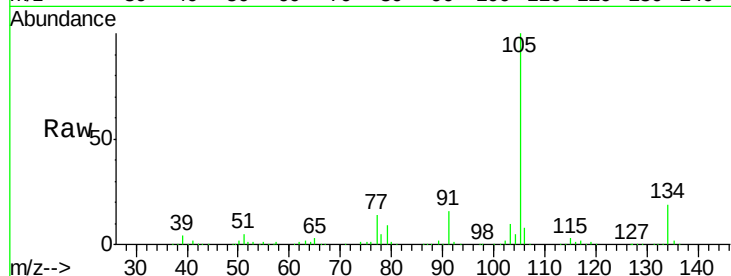
134 19.2 10.3 30.8

Manual Integrations

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sam

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#86

p-Isopropyltoluene

Concen: 19.26 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

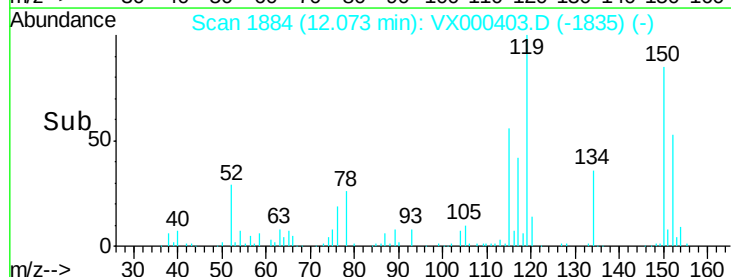
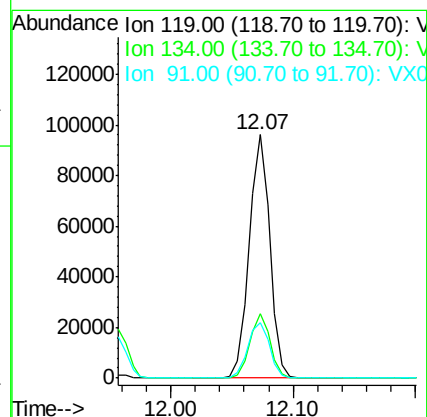
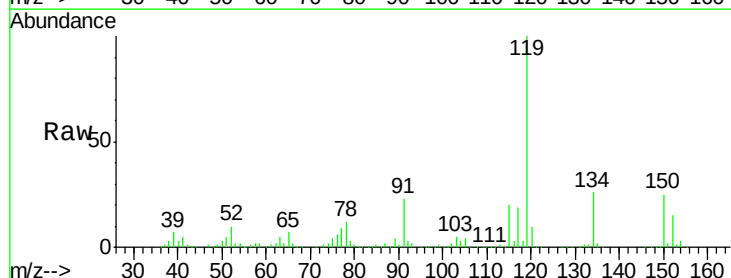
Tgt Ion:119 Resp: 111928

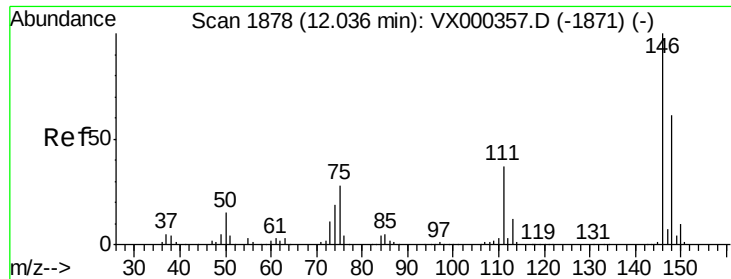
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

91 24.4 12.0 36.1





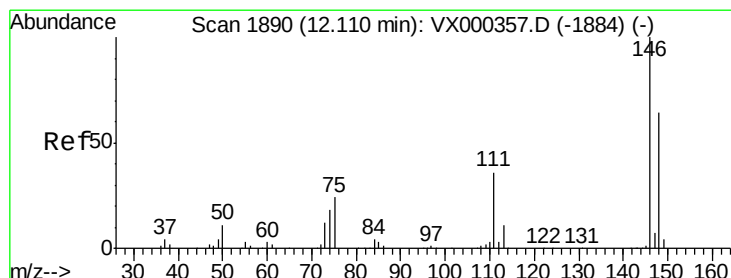
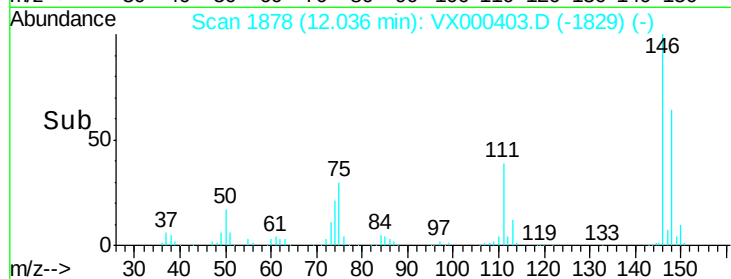
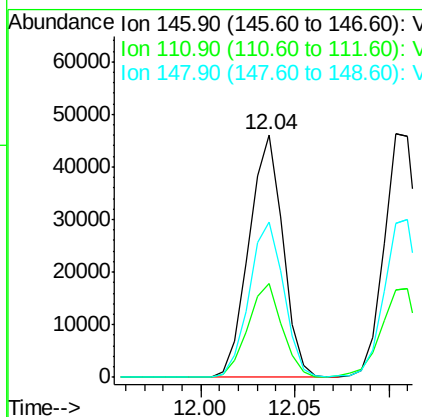
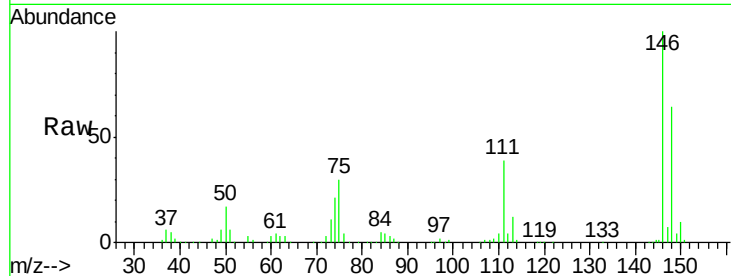
#87
 1,3-Dichlorobenzene
 Concen: 18.39 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.5	58.5
148	64.8	32.4	97.0

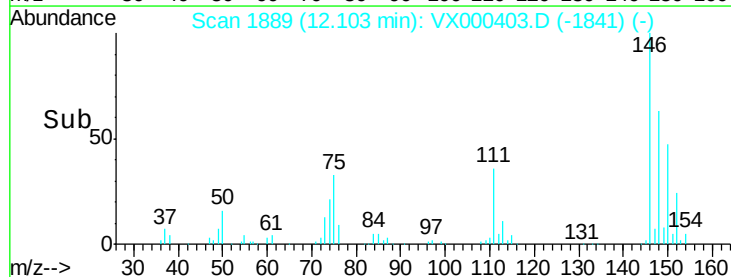
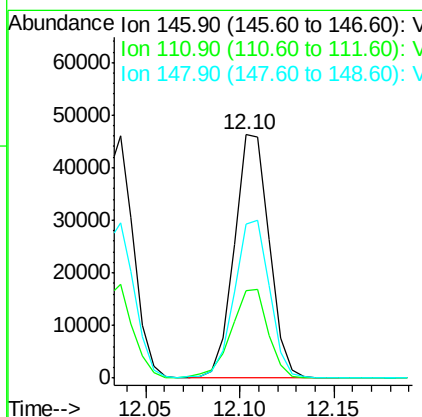
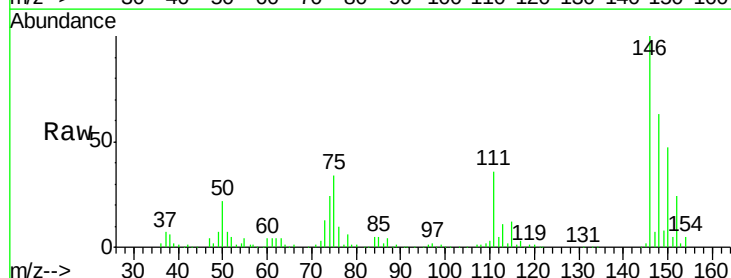
Manual Integrations
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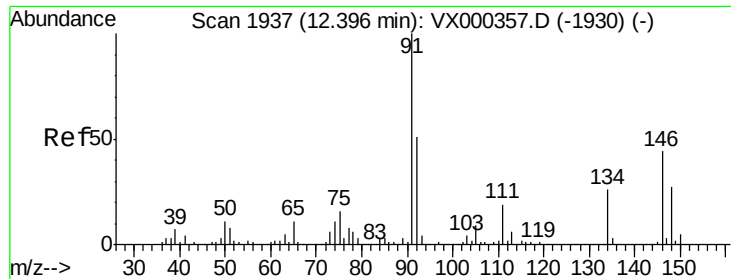
sam
 3/23/2018 1:53:01 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.04 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	65.5	31.0	93.0





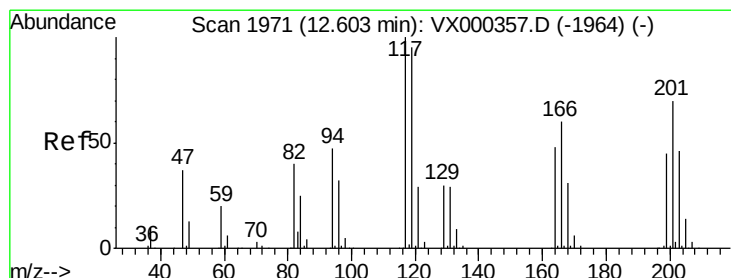
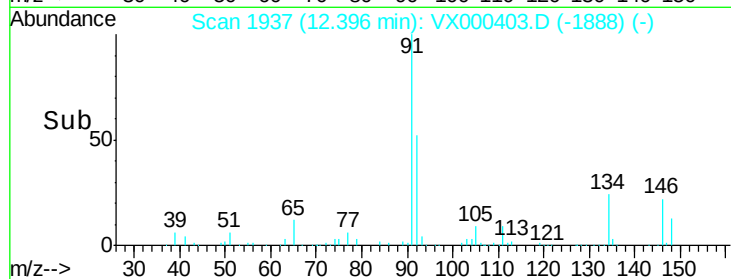
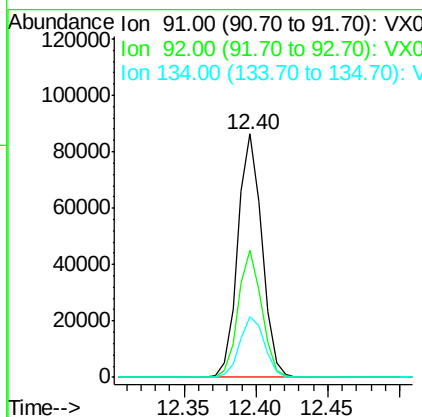
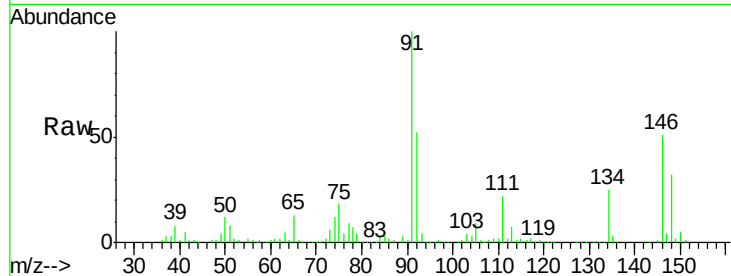
#89
n-Butylbenzene
Concen: 18.57 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.6	25.9	77.8
134	25.3	13.1	39.3

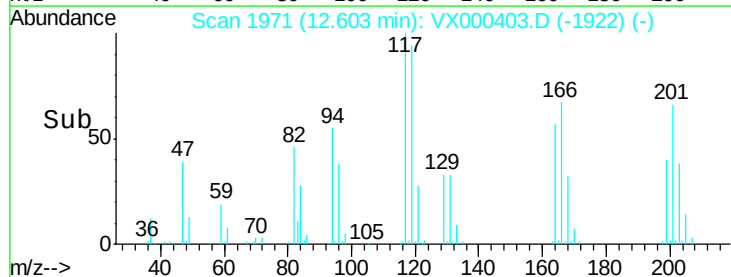
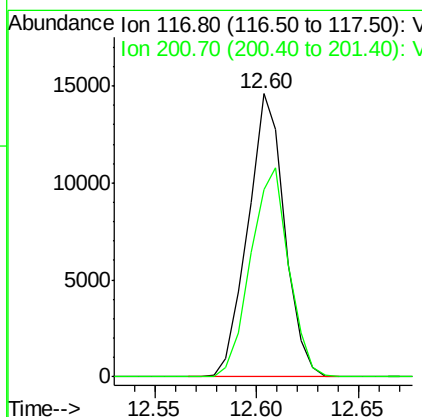
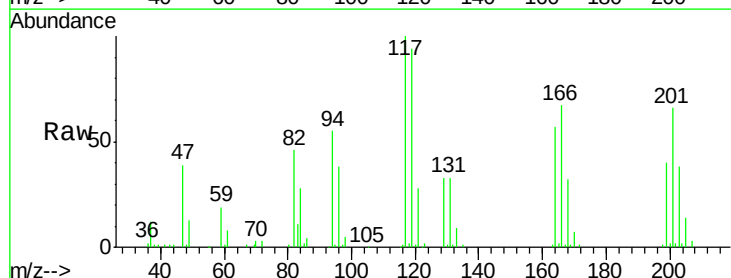
Manual Integrations
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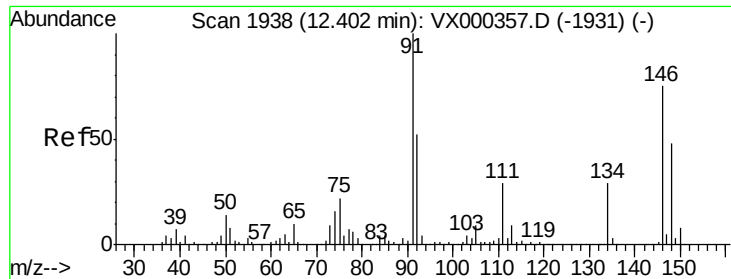
sam
3/23/2018 1:53:01 PM



#90
Hexachloroethane
Concen: 19.93 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000403.D
Acq: 22 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.8	37.9	113.6





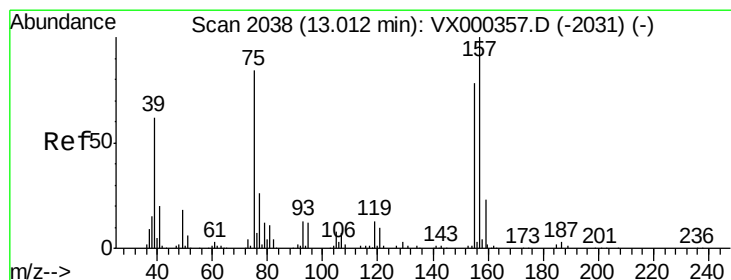
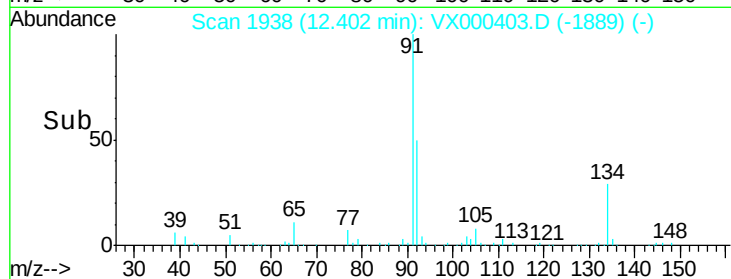
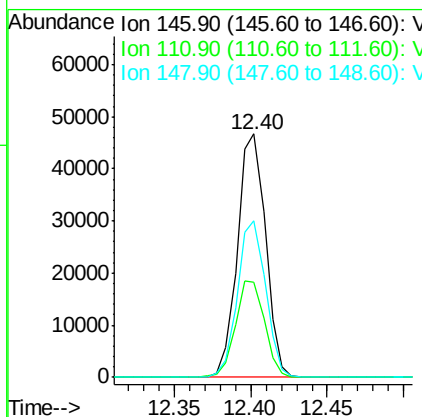
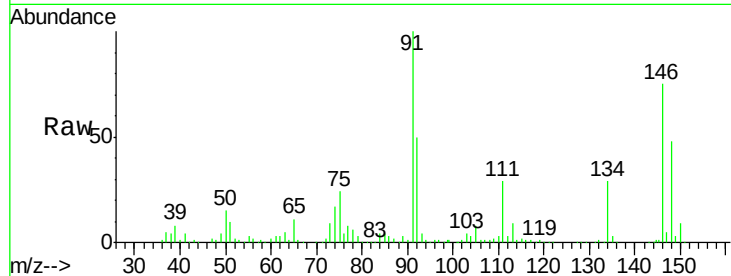
#91
 1,2-Dichlorobenzene
 Concen: 19.35 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.1	60.2
148	64.5	31.2	93.6

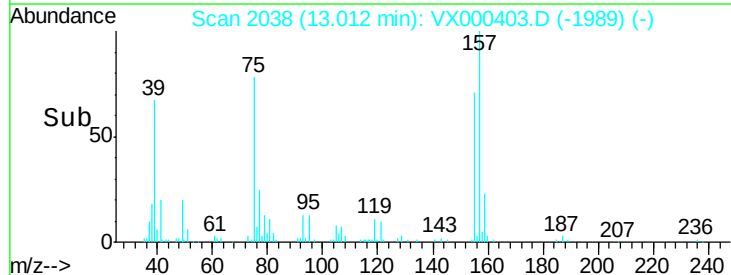
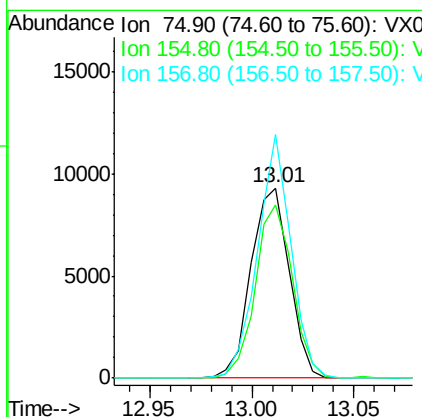
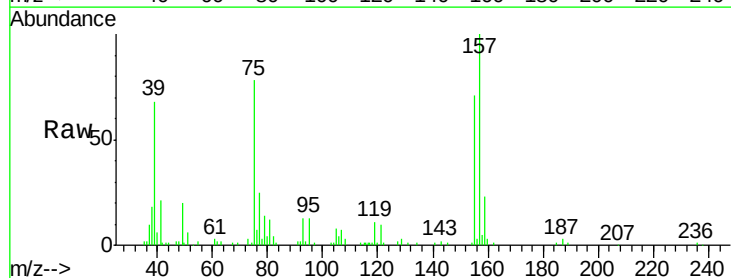
Manual Integrations
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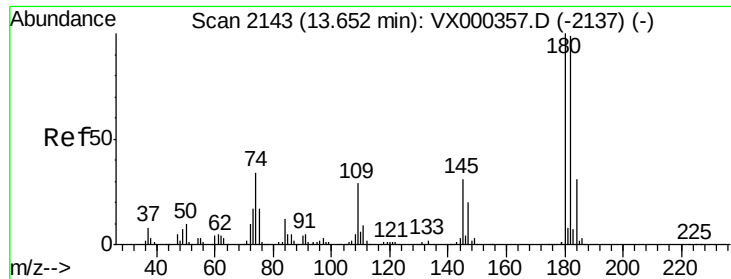
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.76 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.5	45.0	134.8
157	112.2	58.1	174.2





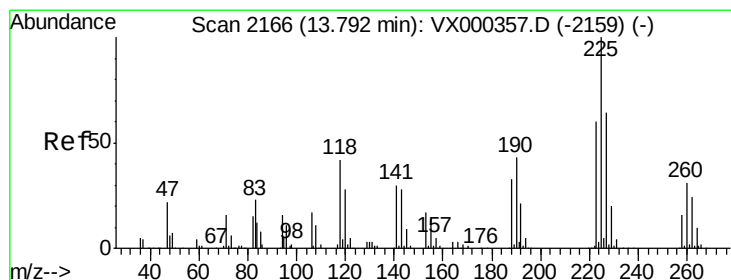
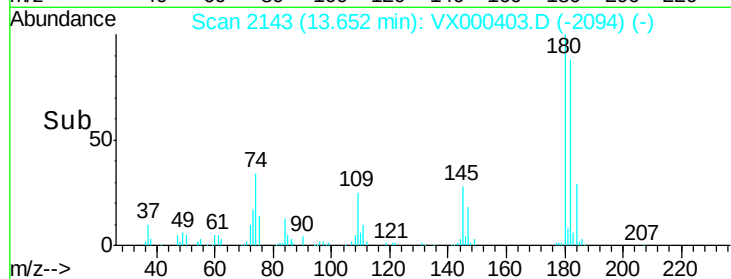
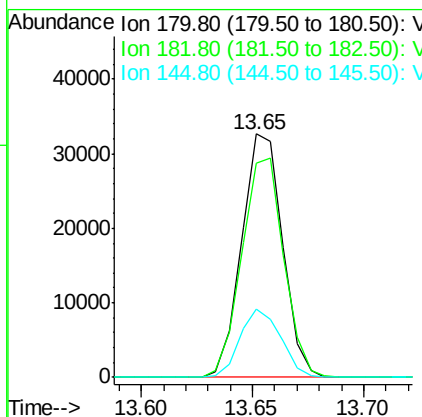
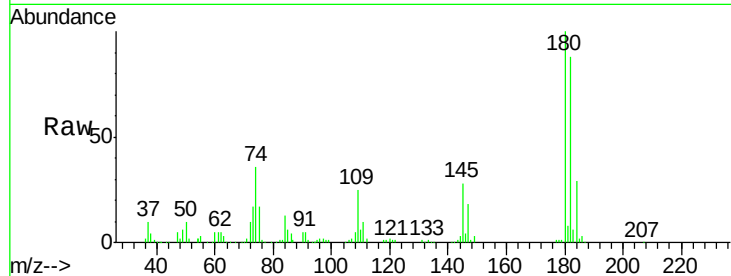
#93
 1,2,4-Trichlorobenzene
 Concen: 18.94 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.6	142.9
145	28.2	15.1	45.3

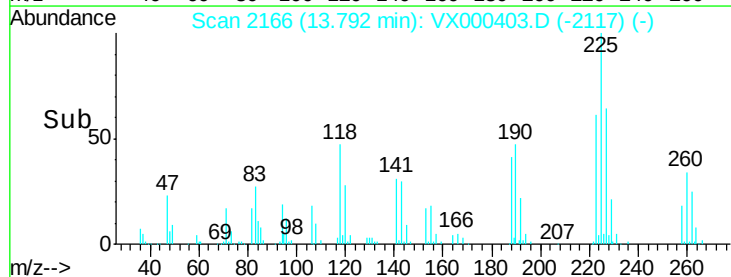
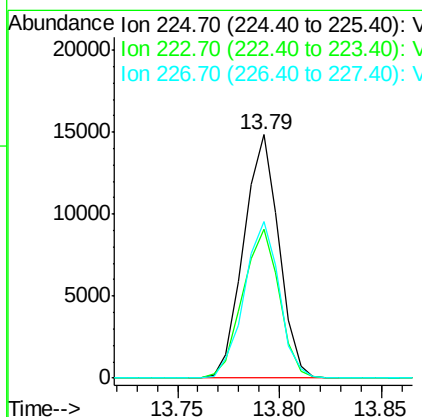
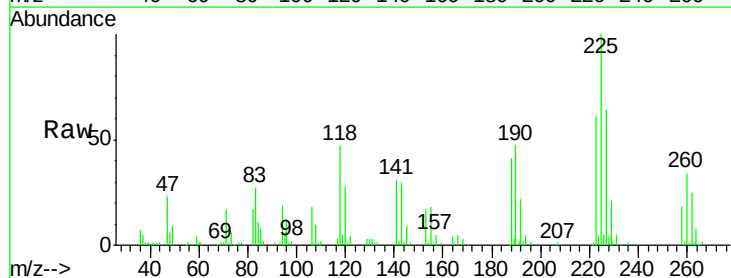
Manual Integrations
 APPROVED

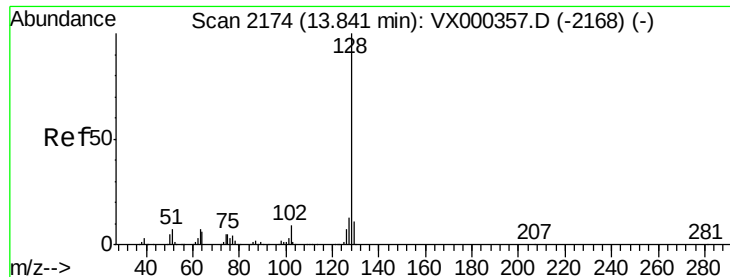
sam
 3/23/2018 1:53:01 PM



#94
 Hexachlorobutadiene
 Concen: 19.48 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000403.D
 Acq: 22 Mar 2018 13:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.0	96.0
227	64.1	32.6	98.0





#95

Naphthalene

Concen: 20.07 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Instrument :

MSVOA_X

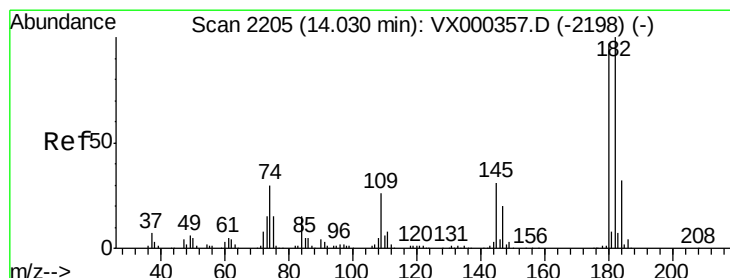
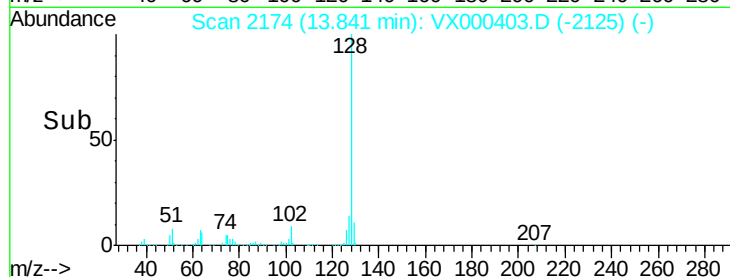
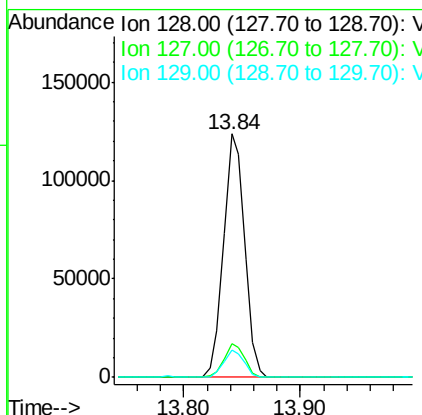
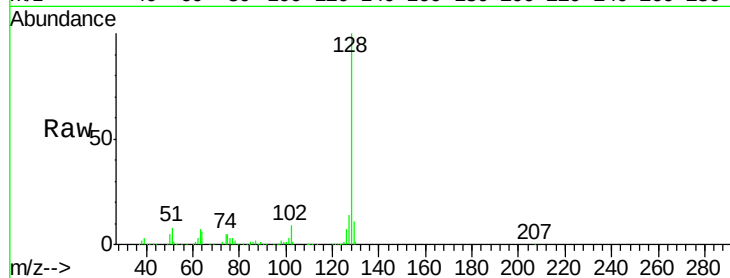
ClientSampleId :

VX0322WBSD01

Tot Ion:	128	Resp:	154310
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.6	15.8
129	10.8	8.9	13.3

Manual Integrations
APPROVED

sam
3/23/2018 1:53:01 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.84 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000403.D

Acq: 22 Mar 2018 13:57

Tgt Ion:	180	Resp:	43269
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.4	142.3
145	30.2	15.8	47.3

