

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032618\
 Data File : VX000436.D
 Acq On : 26 Mar 2018 13:05
 Operator : JC/MD
 Sample : VX0326WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBS01

Manual Integrations
 APPROVED

sam
 3/27/2018 5:23:55 PM

Quant Time: Mar 27 07:12:06 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	5.67	168	135272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	214548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	219299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124464	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	85562	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
35) Dibromofluoromethane	5.51	113	67461	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
50) Toluene-d8	8.72	98	273733	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.15	95	102680	44.21	ug/l	0.00
Spiked Amount			Recovery	=	88.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	27544	18.48	ug/l	99
3) Chloromethane	1.32	50	24998	15.92	ug/l	95
4) Vinyl Chloride	1.40	62	33579	20.23	ug/l	95
5) Bromomethane	1.64	94	19404	9.80	ug/l	100
6) Chloroethane	1.73	64	21088	22.32	ug/l	90
7) Trichlorofluoromethane	1.93	101	60503	20.20	ug/l	98
8) Diethyl Ether	2.19	74	20778	19.41	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35465	21.23	ug/l	98
10) Methyl Iodide	2.51	142	10474	10.06	ug/l	97
11) Tert butyl alcohol	3.06	59	75470	124.25	ug/l	97
12) 1,1-Dichloroethene	2.38	96	29058	19.82	ug/l	99
13) Acrolein	2.29	56	15518	89.93	ug/l	99
14) Allyl chloride	2.73	41	56403	21.72	ug/l	97
15) Acrylonitrile	3.15	53	135626	110.25	ug/l	99
16) Acetone	2.44	43	176701	120.29	ug/l	98
17) Carbon Disulfide	2.57	76	75612	19.40	ug/l	98
18) Methyl Acetate	2.78	43	71355	23.17	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	110191	20.32	ug/l	98
20) Methylene Chloride	2.86	84	35002	20.63	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	32972	20.16	ug/l	89
22) Diisopropyl ether	3.87	45	106301	23.19	ug/l	95
23) Vinyl Acetate	3.82	43	504724	116.16	ug/l	98
24) 1,1-Dichloroethane	3.70	63	61871	21.47	ug/l	99
25) 2-Butanone	4.71	43	189720	114.91	ug/l	98
26) 2,2-Dichloropropane	4.59	77	42882	21.23	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	31165	20.39	ug/l	99
28) Bromochloromethane	5.03	49	23704	19.95	ug/l	97
29) Tetrahydrofuran	5.17	42	111511	109.77	ug/l	99
30) Chloroform	5.22	83	56436	20.90	ug/l	94
31) Cyclohexane	5.59	56	43913	19.71	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	49876	20.47	ug/l	98
36) 1,1-Dichloropropene	5.81	75	41094	20.45	ug/l	99
37) Ethyl Acetate	4.87	43	58622	21.35	ug/l	100
38) Carbon Tetrachloride	5.79	117	40899	19.40	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	51030	20.88	ug/l	97
40) Benzene	6.15	78	120398	20.63	ug/l	99
41) Methacrylonitrile	5.06	41	30539	21.10	ug/l	98
42) 1,2-Dichloroethane	6.21	62	47539	20.76	ug/l	97
43) Isopropyl Acetate	6.47	43	86973	21.28	ug/l	99
44) Trichloroethene	7.22	130	35392	21.17	ug/l	99
45) 1,2-Dichloropropane	7.53	63	31899	21.35	ug/l	95
46) Dibromomethane	7.67	93	24122	20.57	ug/l	95
47) Bromodichloromethane	7.90	83	45279	21.95	ug/l	97
48) Methyl methacrylate	7.78	41	43789	22.07	ug/l	95
49) 1,4-Dioxane	7.76	88	19255	461.75	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	360980	114.13	ug/l	98
52) Toluene	8.79	92	85166	20.87	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	51854	21.69	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	50440	21.75	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	36084	21.51	ug/l	94
56) Ethyl methacrylate	9.19	69	52067	20.48	ug/l	98
57) 1,3-Dichloropropane	9.38	76	58113	21.65	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	119467	97.90	ug/l	99
59) 2-Hexanone	9.51	43	312410	116.32	ug/l	98
60) Dibromochloromethane	9.59	129	37468	21.43	ug/l	100
61) 1,2-Dibromoethane	9.68	107	38507	21.40	ug/l	100
64) Tetrachloroethene	9.34	164	35744	21.00	ug/l	98
65) Chlorobenzene	10.15	112	100296	20.55	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	35022	21.13	ug/l	99
67) Ethyl Benzene	10.26	91	175483	21.21	ug/l	99
68) m/p-Xylenes	10.37	106	134582	41.34	ug/l	96
69) o-Xylene	10.71	106	64229	20.38	ug/l	99
70) Styrene	10.72	104	104793	20.09	ug/l	99
71) Bromoform	10.87	173	28819	19.86	ug/l #	98
73) Isopropylbenzene	11.02	105	176075	21.35	ug/l	98
74) N-amyl acetate	6.47	43	86973	22.38	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	65120	22.33	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	61595m	23.03	ug/l	
77) Bromobenzene	11.26	156	44412	20.22	ug/l	99
78) n-propylbenzene	11.37	91	211467	21.51	ug/l	100
79) 2-Chlorotoluene	11.43	91	120645	21.24	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	148521	21.42	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	17242	20.87	ug/l	92
82) 4-Chlorotoluene	11.52	91	143508	21.16	ug/l	99
83) tert-Butylbenzene	11.78	119	153462	21.94	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	153583	21.13	ug/l	99
85) sec-Butylbenzene	11.95	105	188354	21.77	ug/l	99
86) p-Isopropyltoluene	12.07	119	165413	21.52	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	84869	20.43	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	87026	19.96	ug/l	97
89) n-Butylbenzene	12.40	91	155811	21.78	ug/l	99
90) Hexachloroethane	12.60	117	26017	21.51	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	86702	21.29	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18323	22.52	ug/l	97

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VX0326WBS01

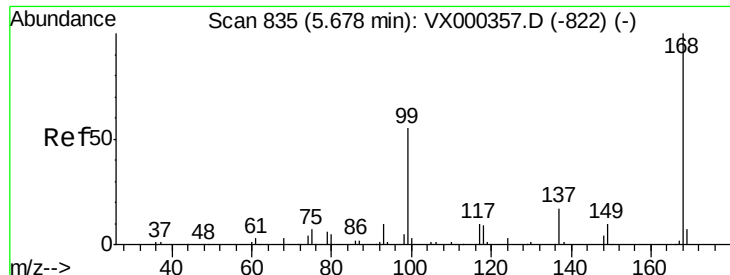
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61917	21.21	ug/l	99
94) Hexachlorobutadiene	13.79	225	28050	23.20	ug/l	99
95) Naphthalene	13.84	128	222149	21.84	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	63531	22.02	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampled :

VX0326WBS01

Tot Ion:168 Resp: 135272

Ion Ratio Lower Upper

168 100

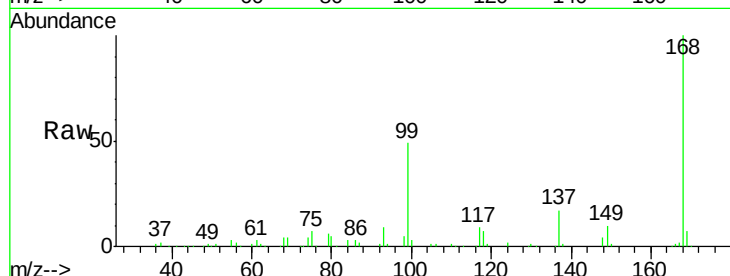
99 49.3 45.8 68.6

Manual Integrations

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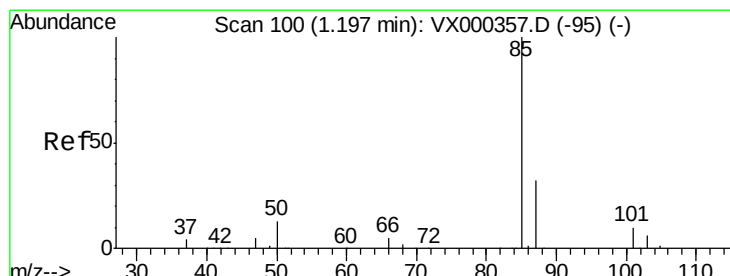
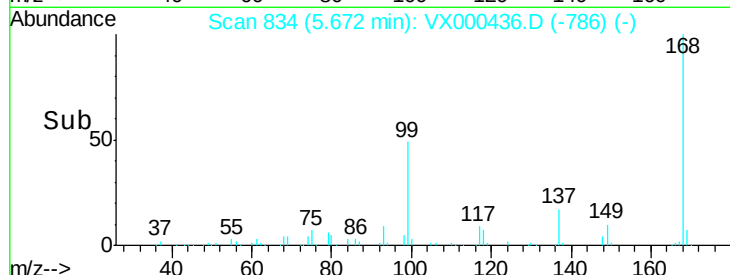
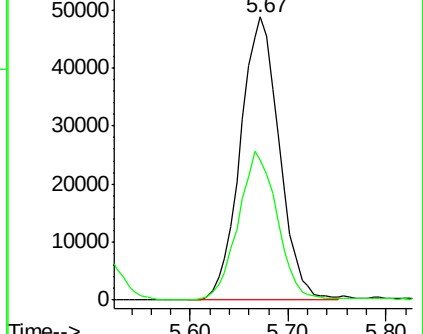
sam

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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: 18.48 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000436.D

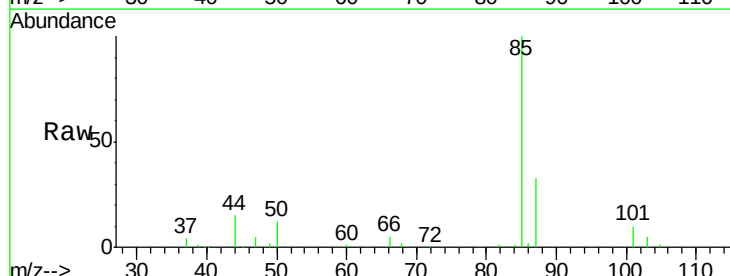
Acq: 26 Mar 2018 13:05

Tgt Ion: 85 Resp: 27544

Ion Ratio Lower Upper

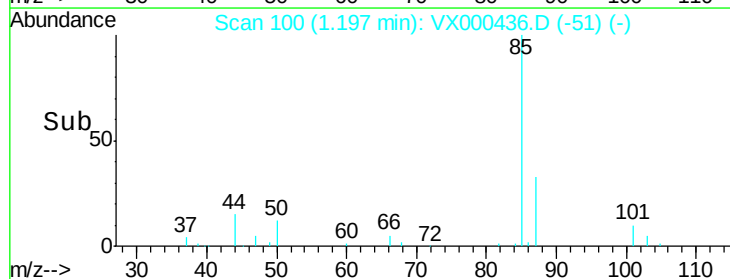
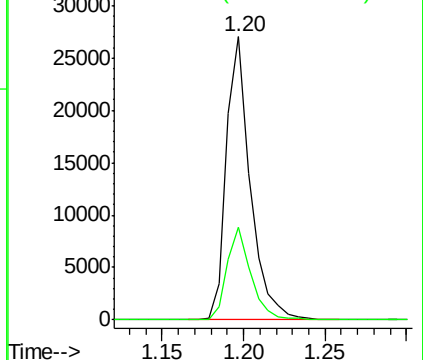
85 100

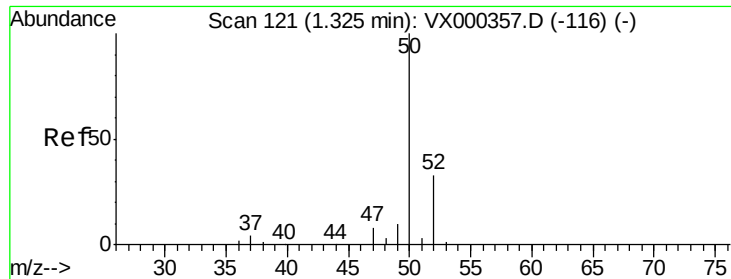
87 32.7 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.92 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampled :

VX0326WBS01

Tot Ion: 50 Resp: 24998

Ion Ratio Lower Upper

50 100

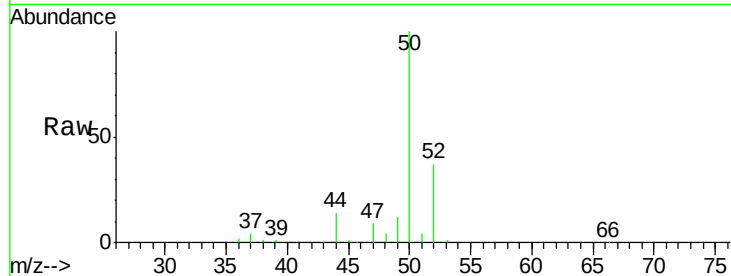
52 37.2 27.5 41.3

Manual Integrations

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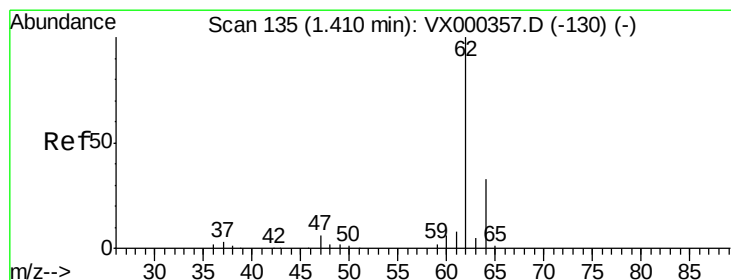
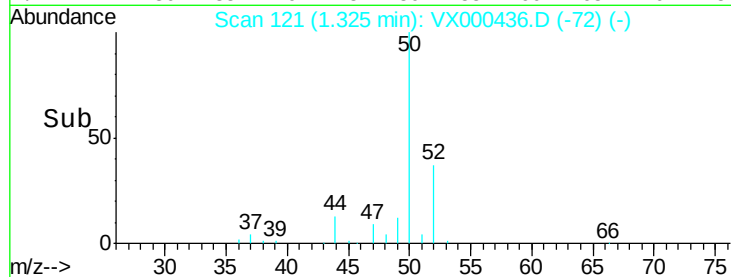
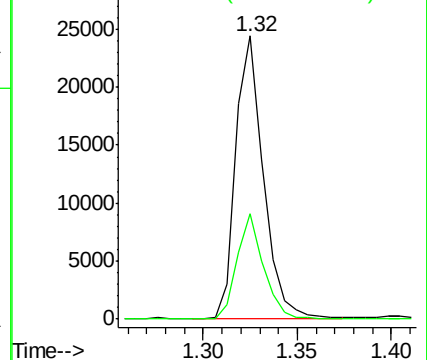
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.23 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000436.D

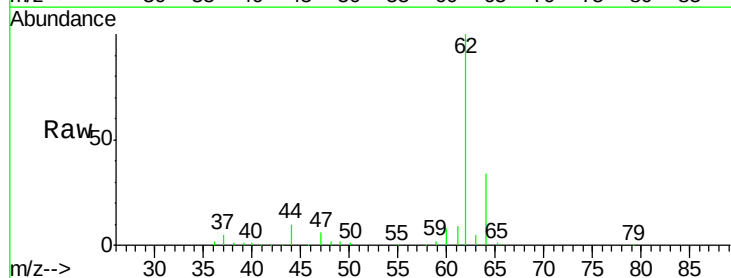
Acq: 26 Mar 2018 13:05

Tgt Ion: 62 Resp: 33579

Ion Ratio Lower Upper

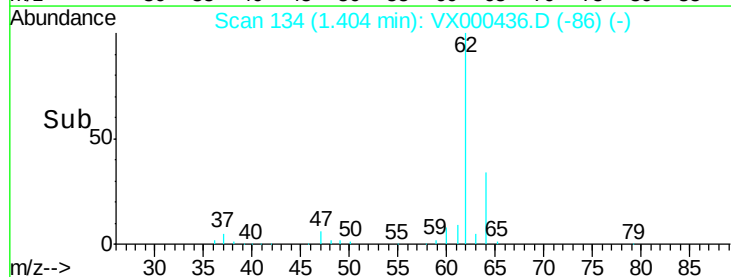
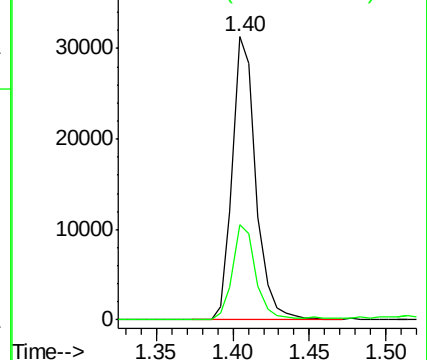
62 100

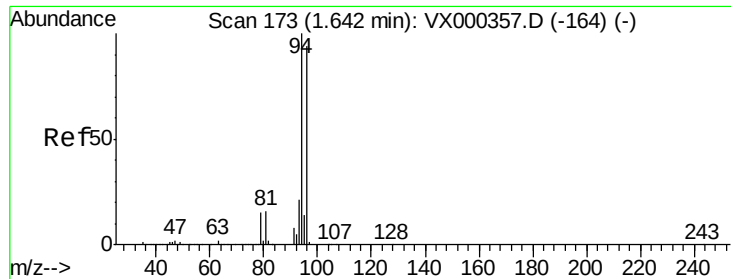
64 33.8 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 9.80 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBS01

Tot Ion: 94 Resp: 19404

Ion Ratio Lower Upper

94 100

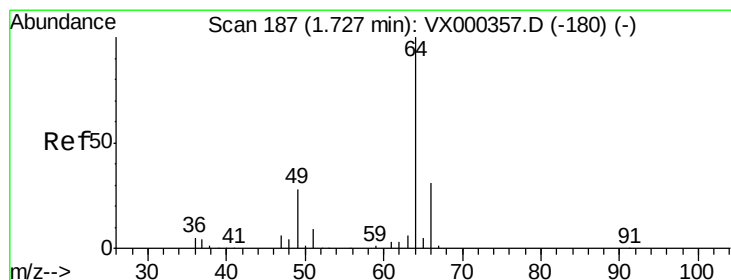
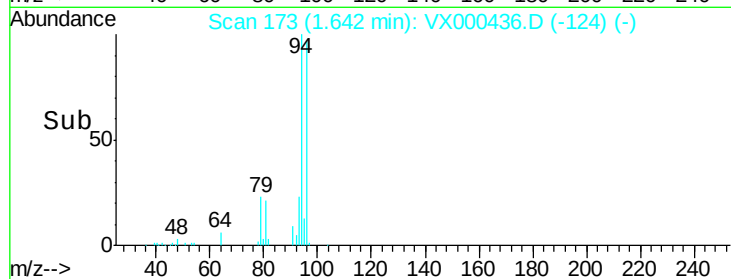
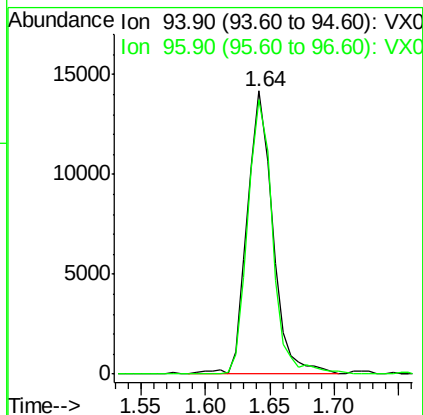
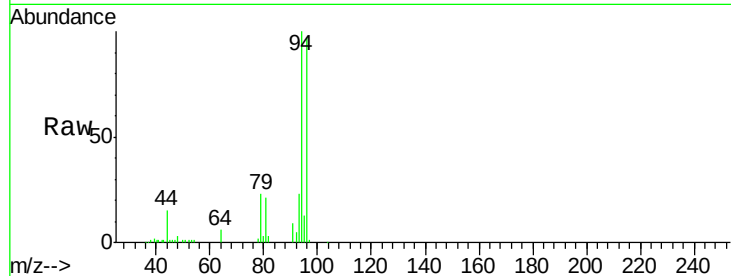
96 96.9 77.7 116.5

Manual Integrations

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#6

Chloroethane

Concen: 22.32 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000436.D

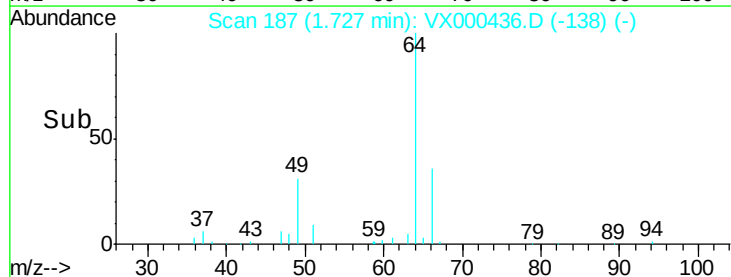
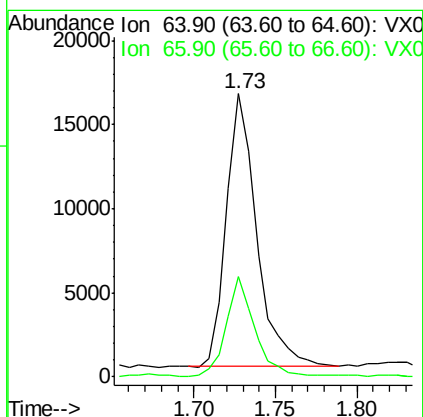
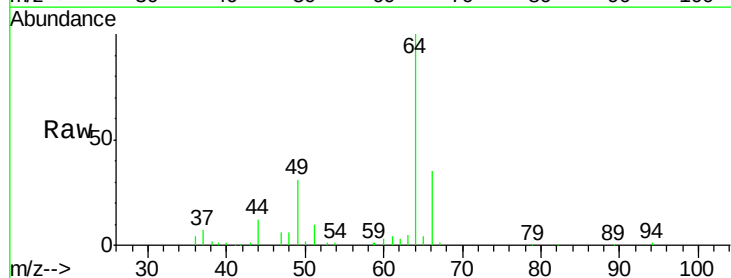
Acq: 26 Mar 2018 13:05

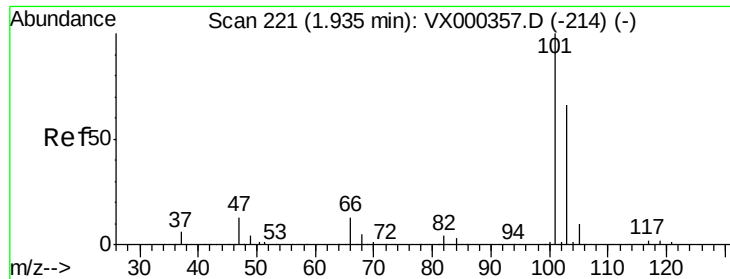
Tgt Ion: 64 Resp: 21088

Ion Ratio Lower Upper

64 100

66 36.6 24.8 37.2





#7

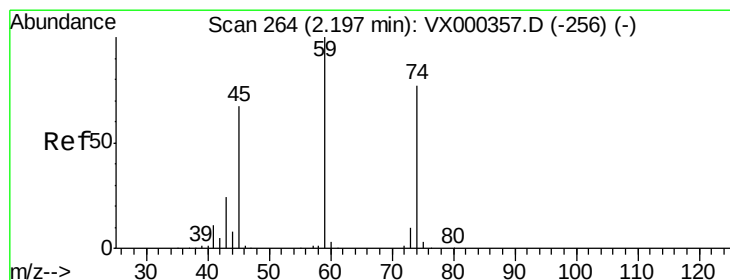
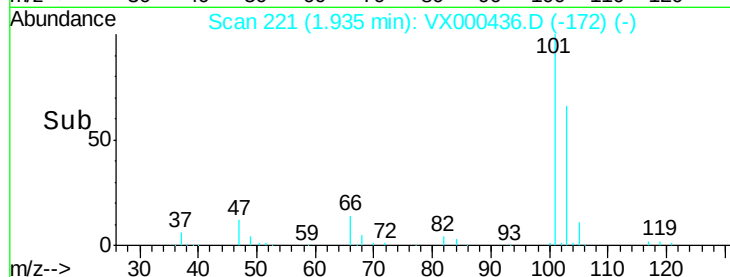
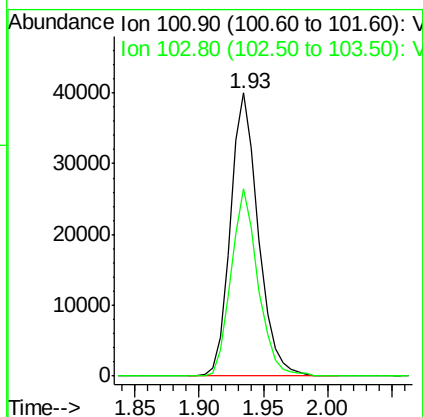
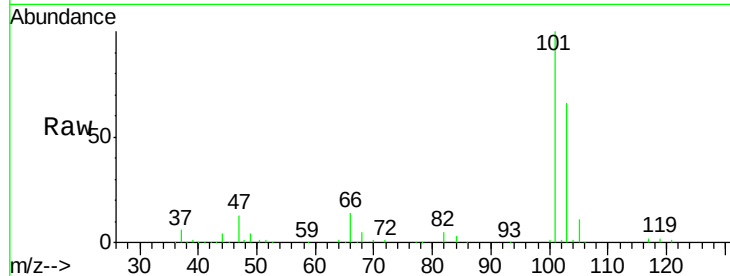
Trichlorofluoromethane
Concen: 20.20 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampled :
VX0326WBS01

Tot Ion:101 Resp: 60503
Ion Ratio Lower Upper
101 100
103 66.4 51.6 77.4

Manual Integrations
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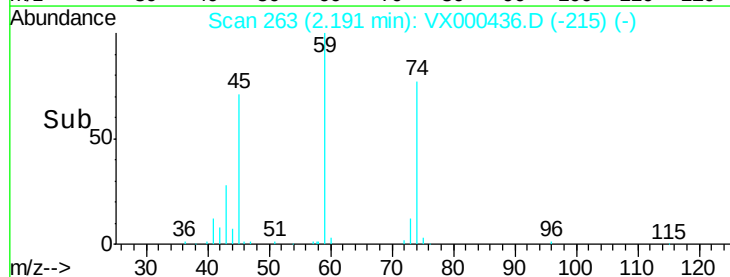
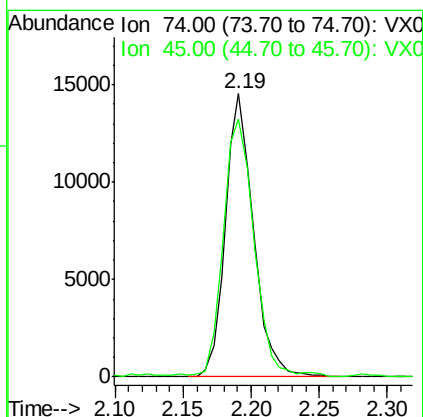
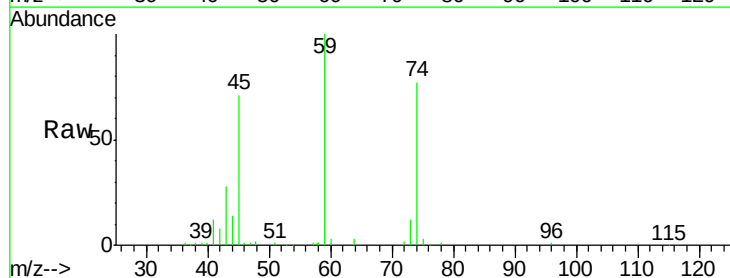
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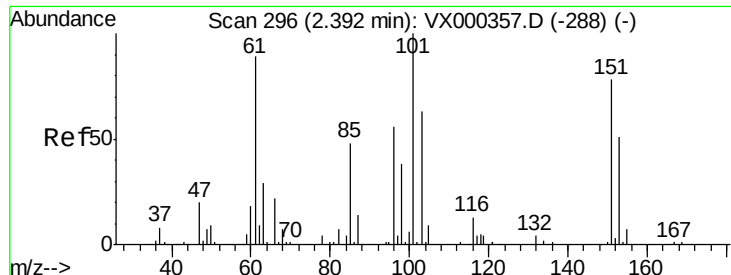


#8

Diethyl Ether
Concen: 19.41 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion: 74 Resp: 20778
Ion Ratio Lower Upper
74 100
45 101.1 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.23 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

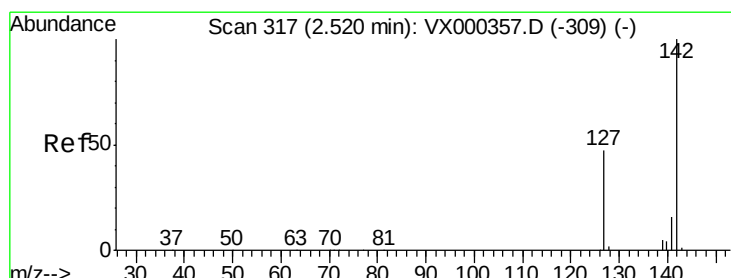
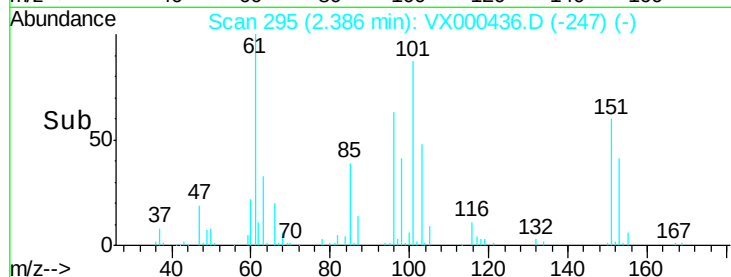
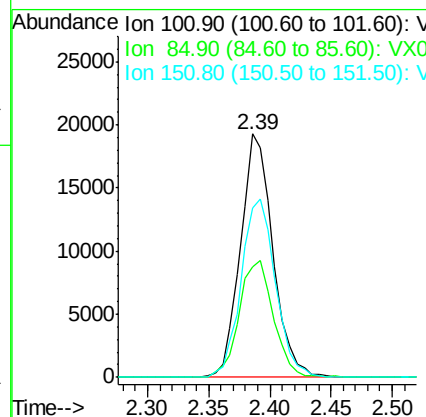
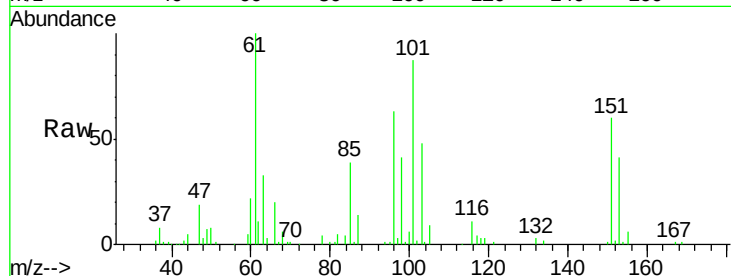
ClientSampleId :

VX0326WBS01

Tot Ion:	101	Resp:	35465
Ion Ratio	Lower	Upper	
101	100		
85	50.8	37.6	56.4
151	77.7	62.6	93.8

Manual Integrations
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sam
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#10

Methyl Iodide

Concen: 10.06 ug/l

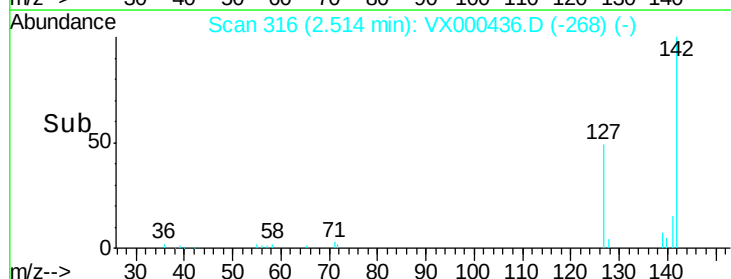
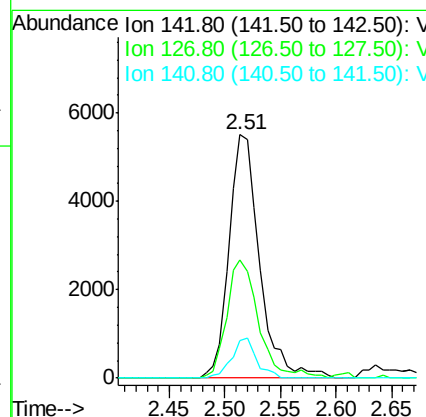
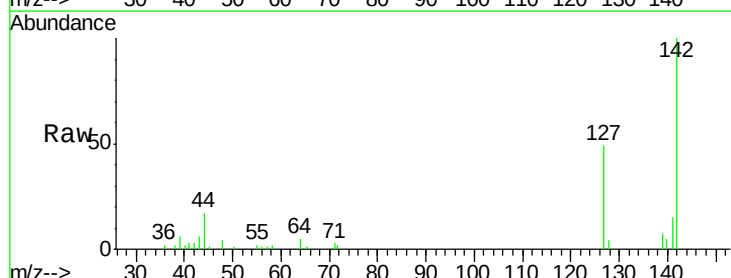
RT: 2.51 min Scan# 316

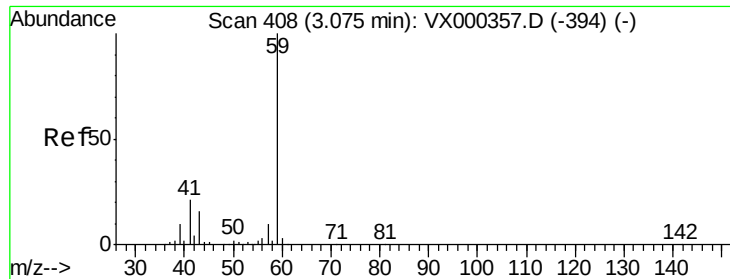
Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Tgt Ion:	142	Resp:	10474
Ion Ratio	Lower	Upper	
142	100		
127	50.8	39.2	58.8
141	13.4	11.7	17.5





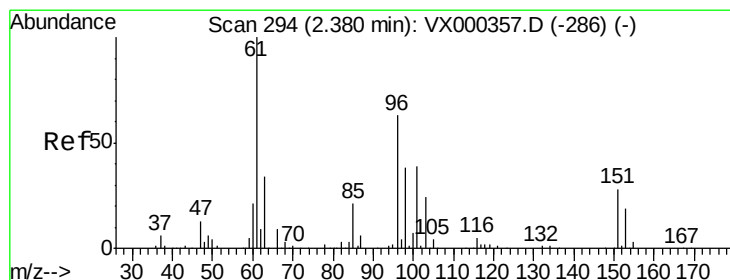
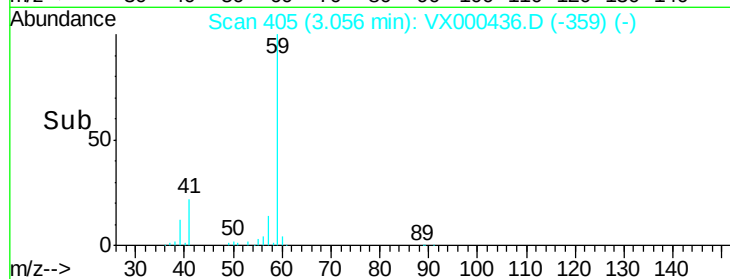
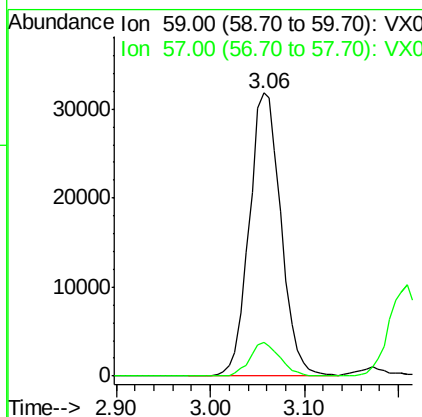
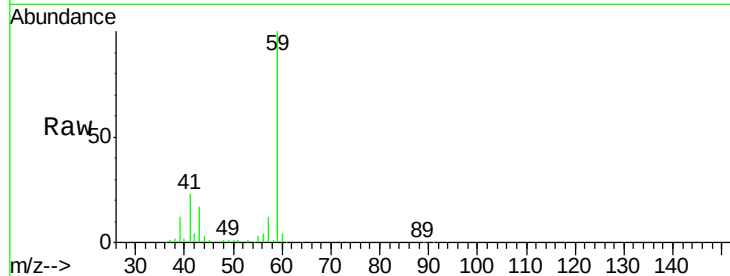
#11
Tert butyl alcohol
Concen: 124.25 ug/l
RT: 3.06 min Scan# 405
Delta R.T. -0.02 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampled :
VX0326WBS01

Tot Ion: 59 Resp: 75470
Ion Ratio Lower Upper
59 100
57 11.5 8.4 12.6

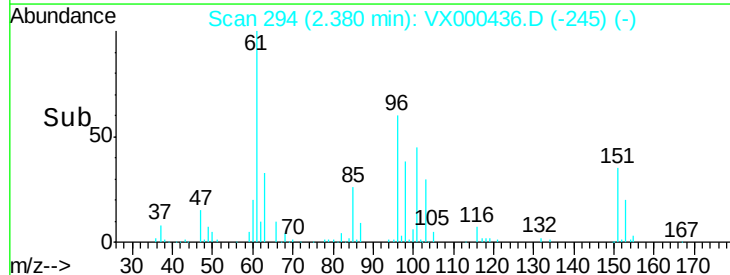
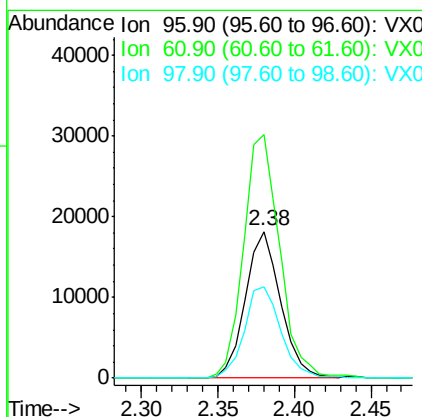
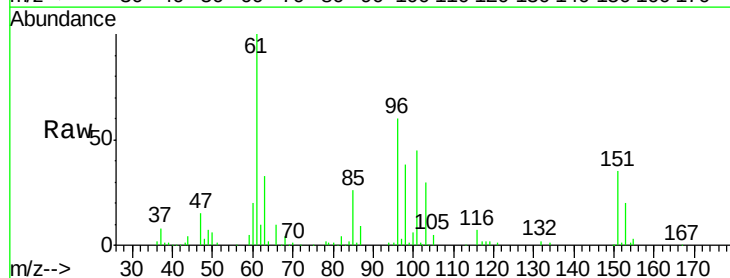
Manual Integrations
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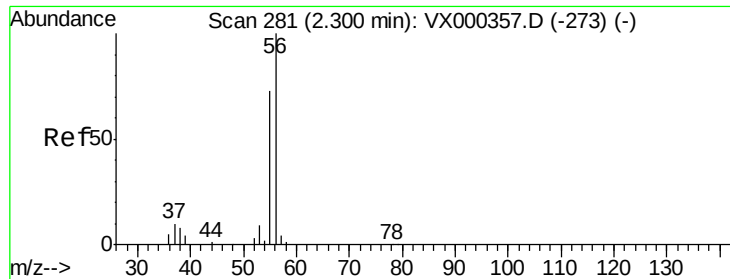
sam
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#12
1,1-Dichloroethene
Concen: 19.82 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion: 96 Resp: 29058
Ion Ratio Lower Upper
96 100
61 166.3 131.2 196.8
98 62.6 49.8 74.8





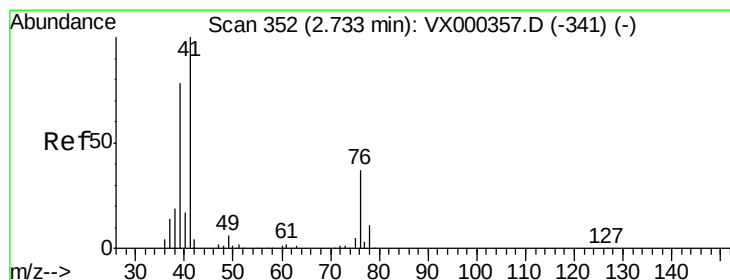
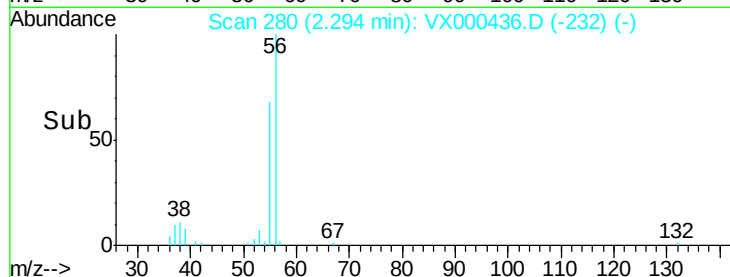
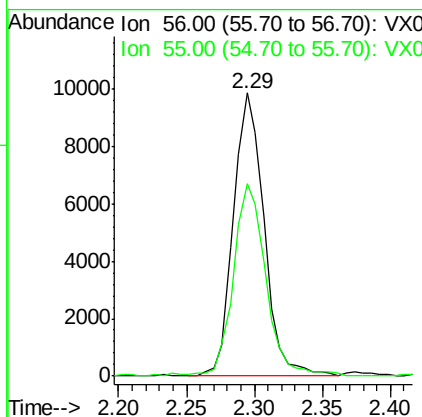
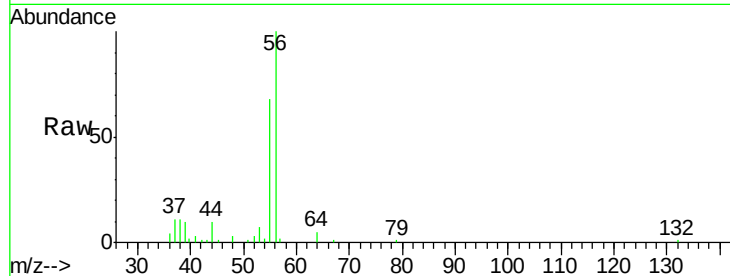
#13
Acrolein
Concen: 89.93 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBS01

Tot Ion	56	Resp	15518
Ion Ratio	100	Lower	Upper
56	100		
55	72.4	58.8	88.2

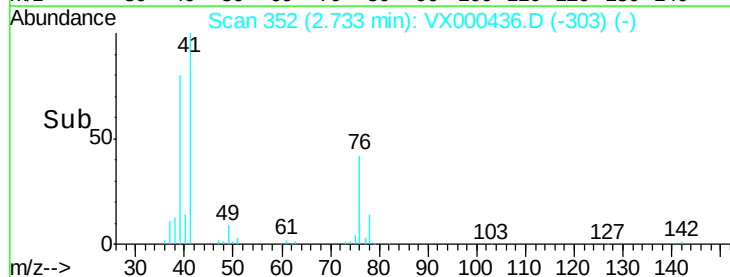
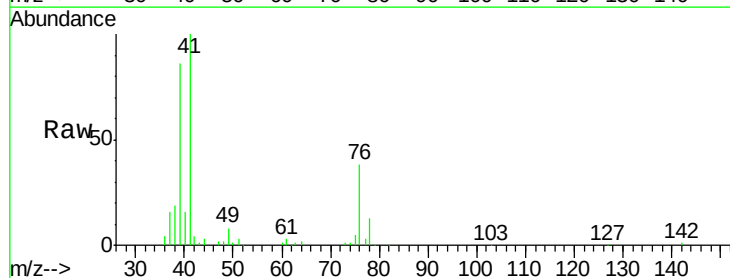
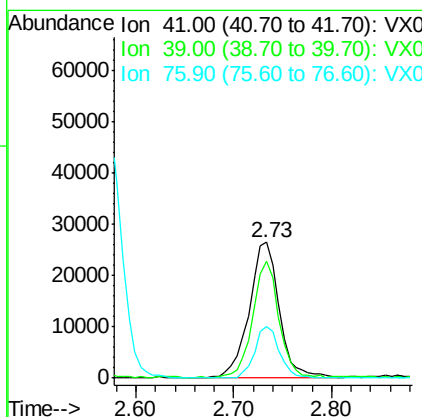
Manual Integrations
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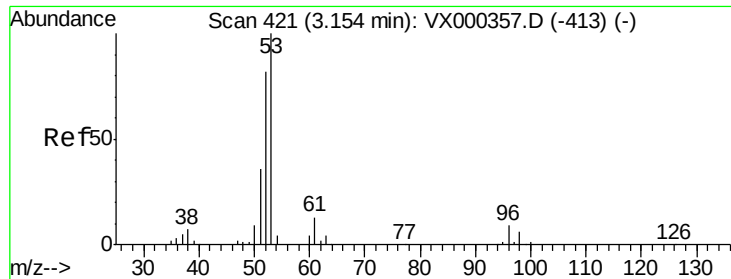
sam
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#14
Allyl chloride
Concen: 21.72 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion	41	Resp	56403
Ion Ratio	100	Lower	Upper
41	100		
39	74.0	57.6	86.4
76	31.6	27.3	40.9





#15

Acrylonitrile

Concen: 110.25 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

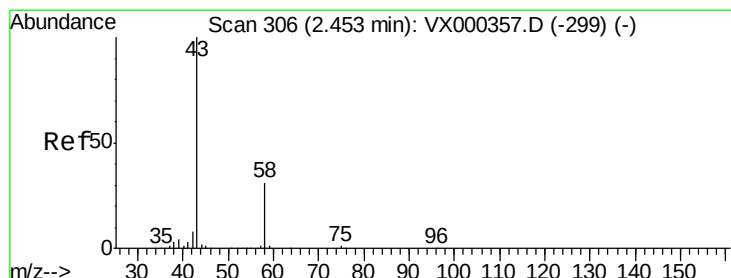
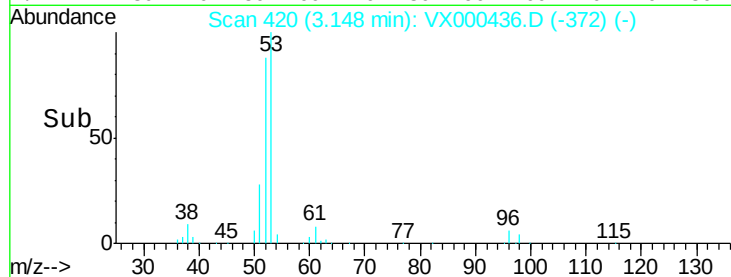
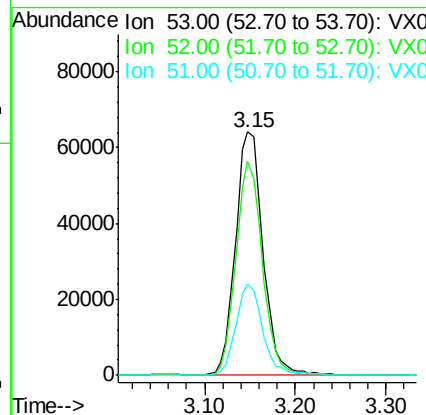
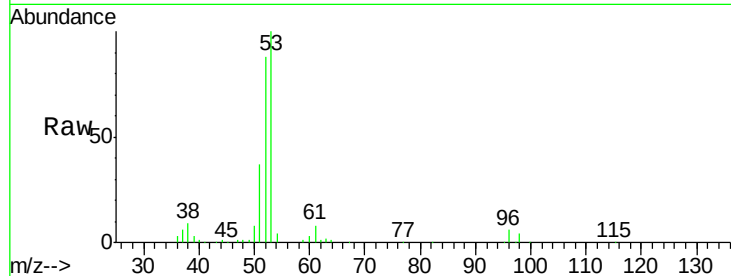
ClientSampled :

VX0326WBS01

Tot Ion:	53	Resp:	135626
Ion Ratio		Lower	Upper
53	100		
52	84.8	66.6	99.8
51	36.9	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 120.29 ug/l

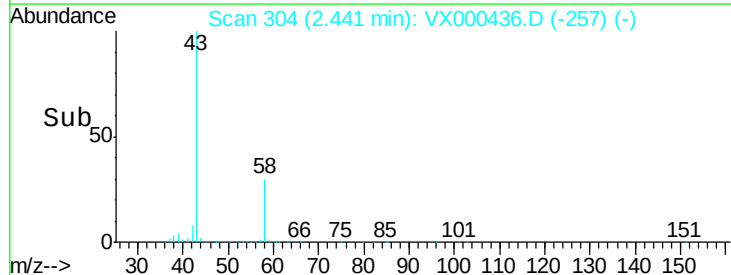
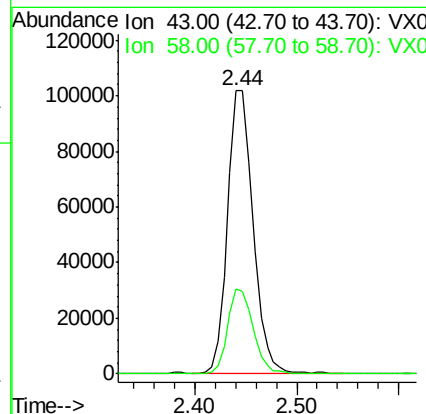
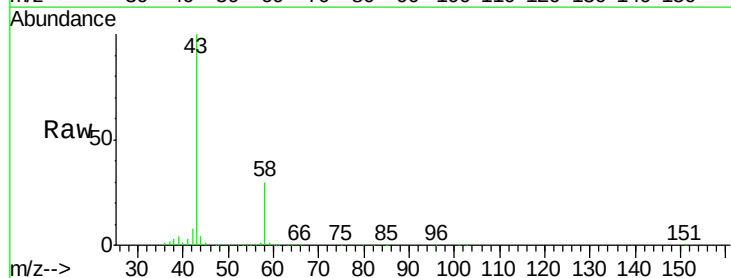
RT: 2.44 min Scan# 304

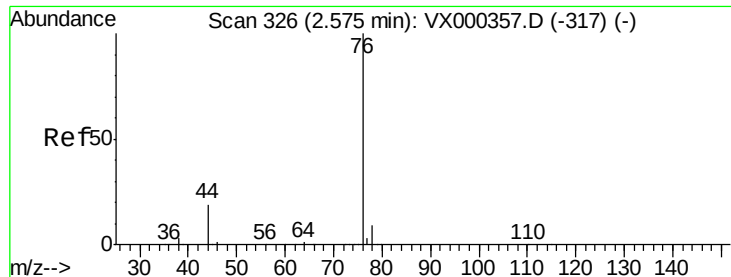
Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Tgt Ion:	43	Resp:	176701
Ion Ratio		Lower	Upper
43	100		
58	30.0	24.7	37.1





#17

Carbon Disulfide

Concen: 19.40 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBS01

Tot Ion: 76 Resp: 75612

Ion Ratio Lower Upper

76 100

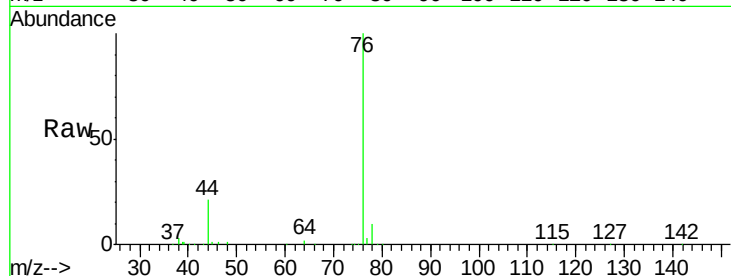
78 9.7 7.0 10.6

Manual Integrations

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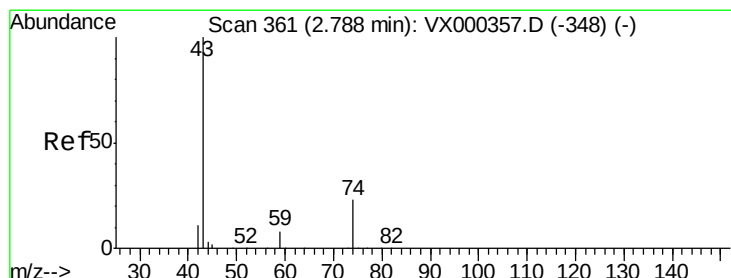
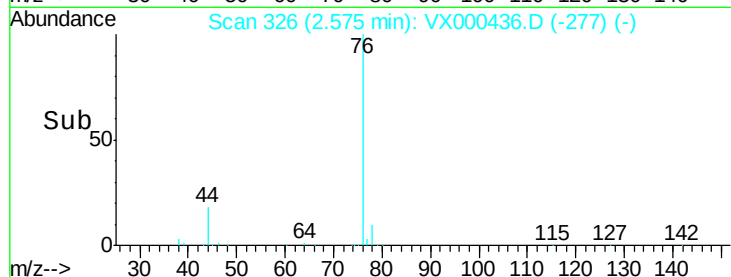
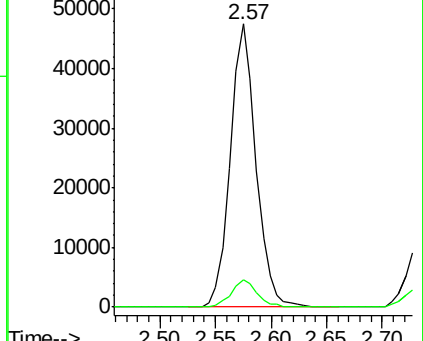
sam

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.17 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX000436.D

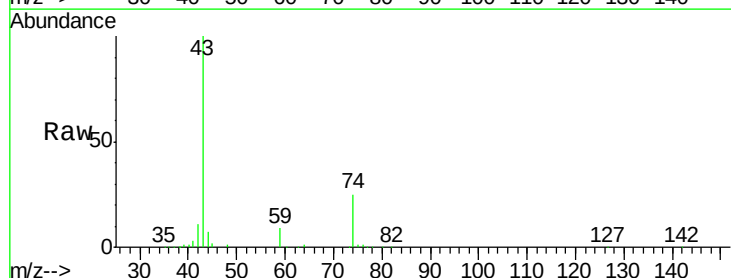
Acq: 26 Mar 2018 13:05

Tgt Ion: 43 Resp: 71355

Ion Ratio Lower Upper

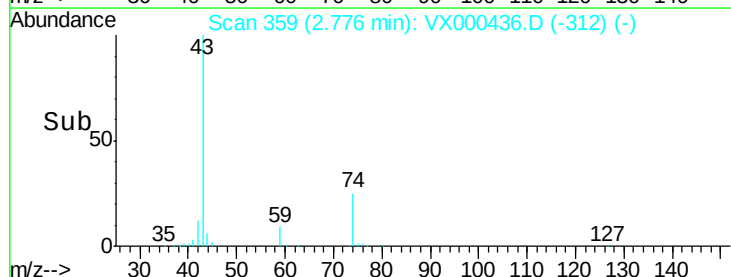
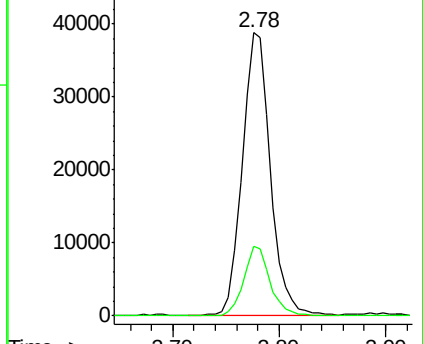
43 100

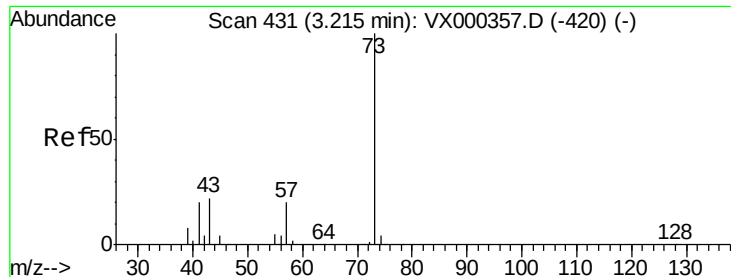
74 23.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

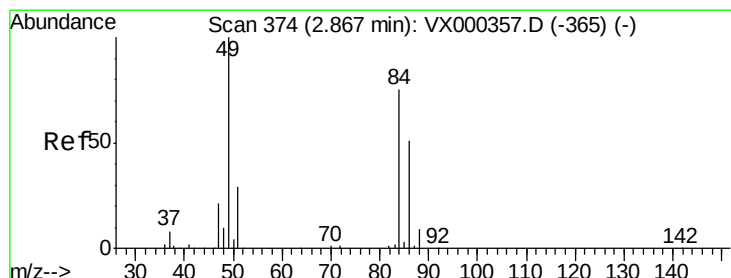
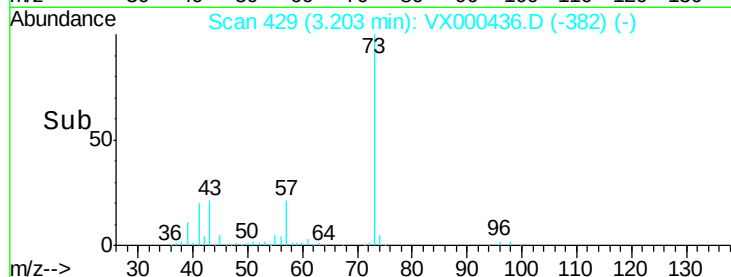
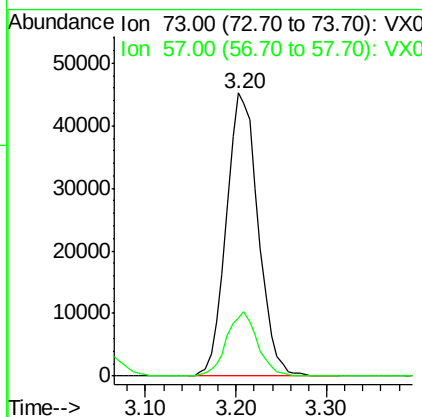
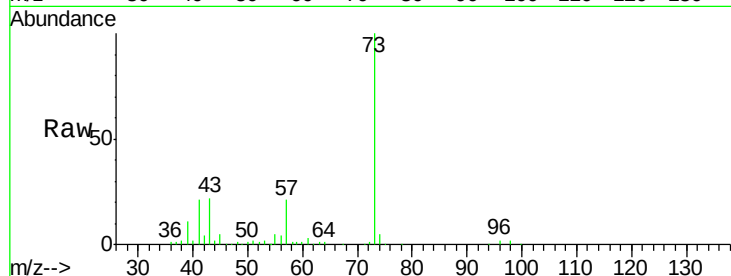
Methyl tert-butyl Ether
 Concen: 20.32 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Instrument :
 MSVOA_X
 ClientSampled :
 VX0326WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.2	25.8

Manual Integrations
 APPROVED

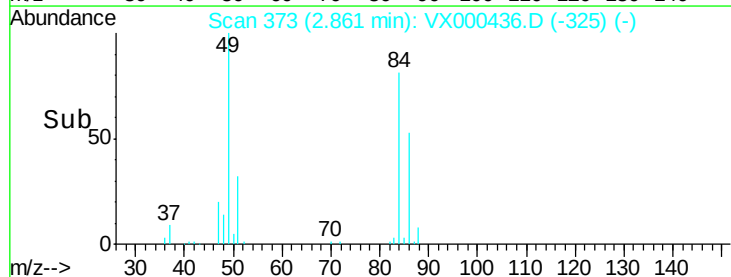
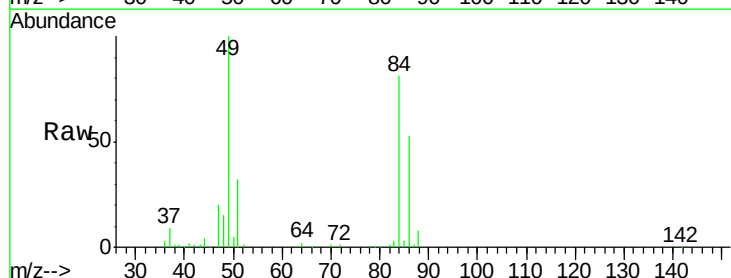
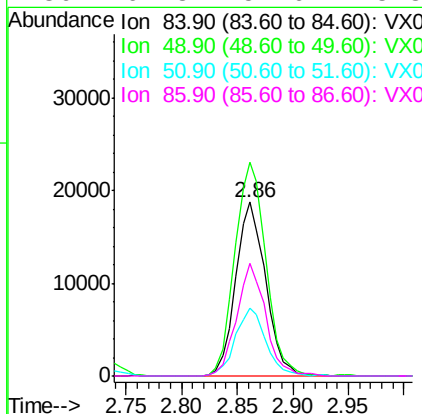
sam
 3/27/2018 5:23:55 PM

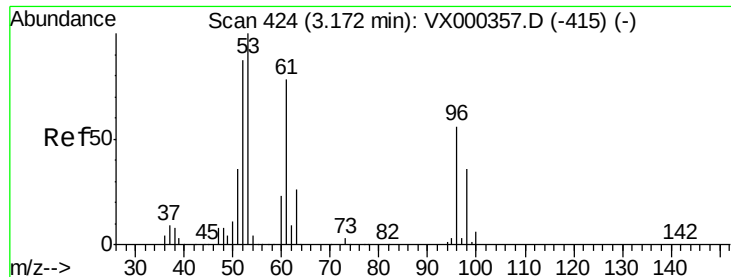


#20

Methylene Chloride
 Concen: 20.63 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.1	100.6	151.0
51	39.1	31.6	47.4
86	64.8	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 20.16 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBS01

Tot Ion: 96 Resp: 32972

Ion Ratio Lower Upper

96 100

61 146.8 104.0 156.0

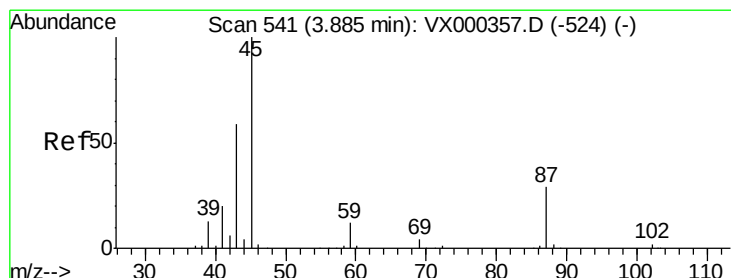
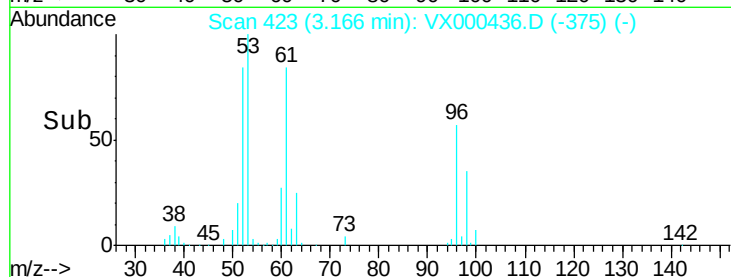
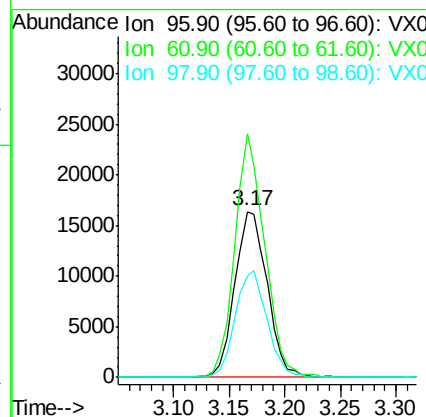
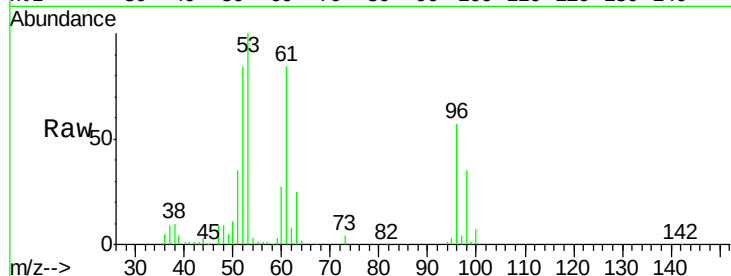
98 61.2 52.1 78.1

Manual Integrations

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#22

Diisopropyl ether

Concen: 23.19 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Tgt Ion: 45 Resp: 106301

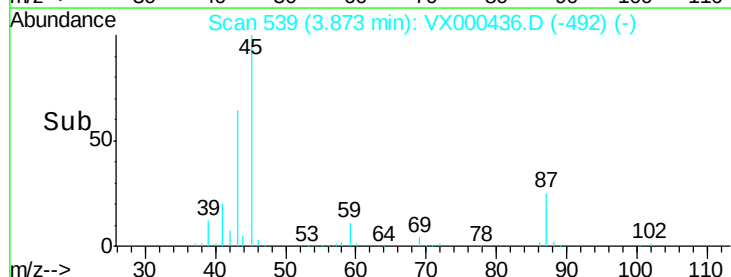
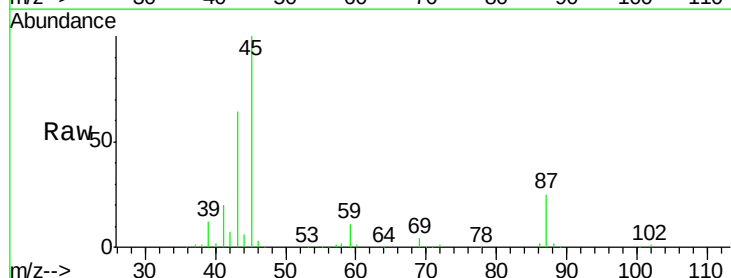
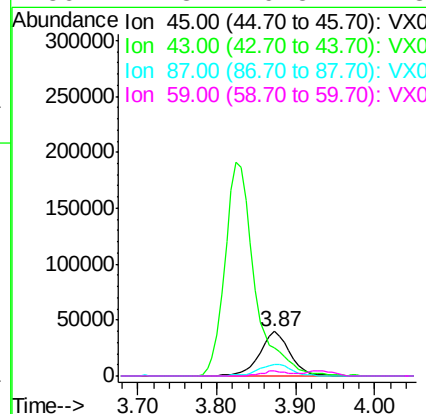
Ion Ratio Lower Upper

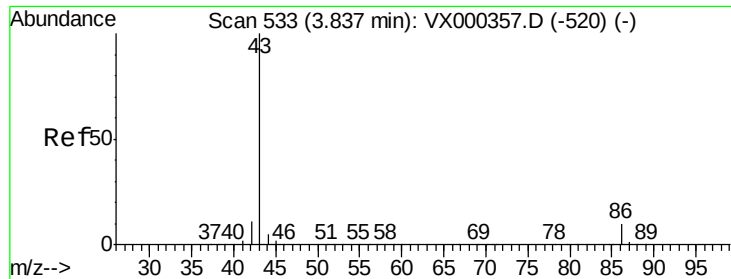
45 100

43 63.4 53.9 80.9

87 25.4 22.6 34.0

59 11.3 9.5 14.3





#23

Vinyl Acetate

Concen: 116.16 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampled :

VX0326WBS01

Tot Ion: 43 Resp: 504724

Ion Ratio Lower Upper

43 100

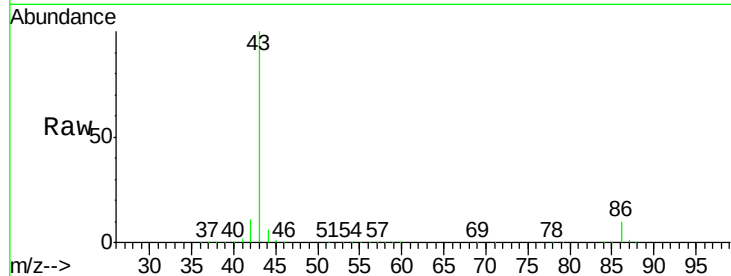
86 10.1 8.6 12.8

Manual Integrations

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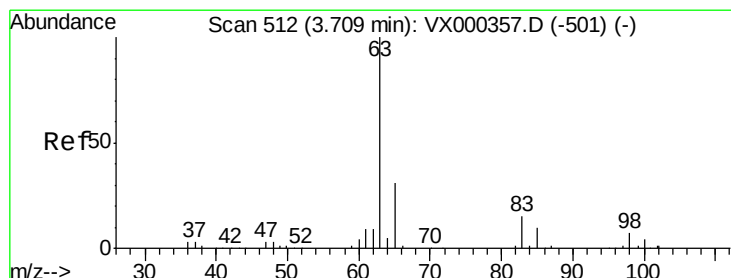
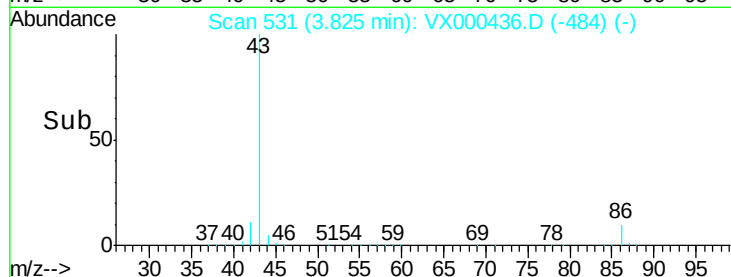
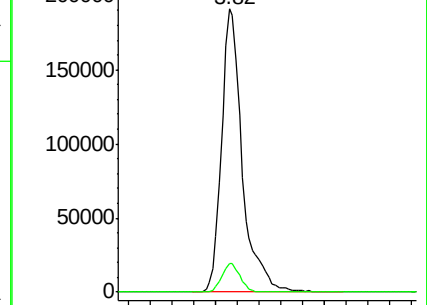
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.47 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

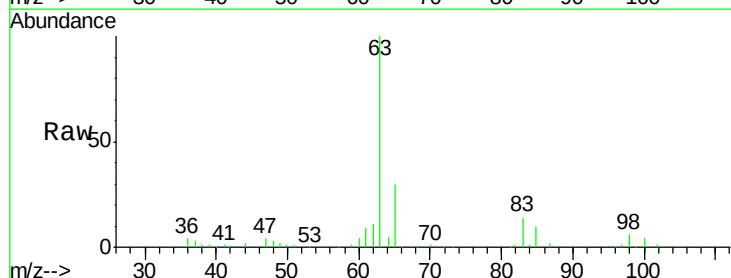
Tgt Ion: 63 Resp: 61871

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

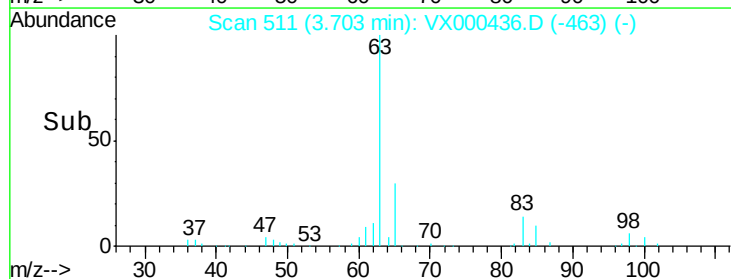
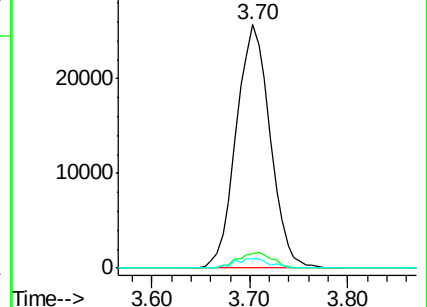
100 4.0 2.0 5.8

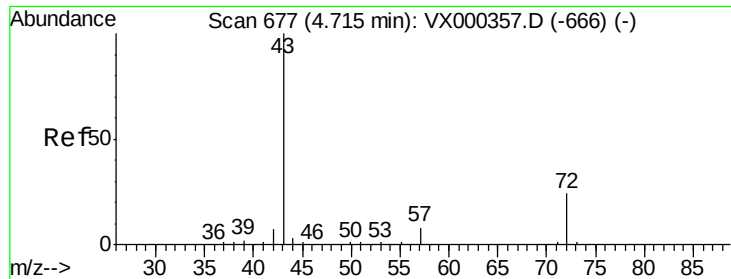


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 114.91 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampled :

VX0326WBS01

Tot Ion: 43 Resp: 189720

Ion Ratio Lower Upper

43 100

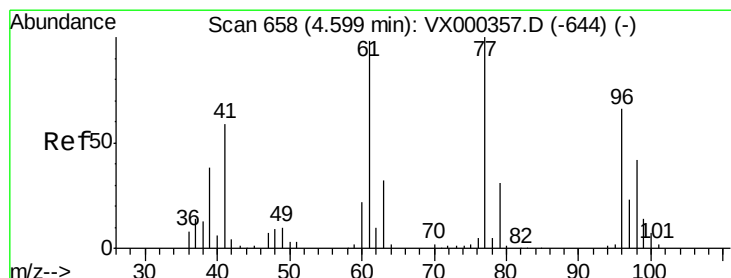
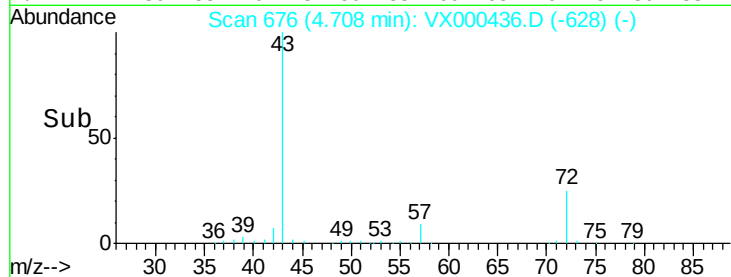
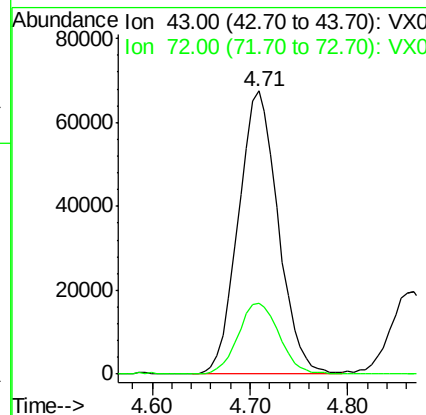
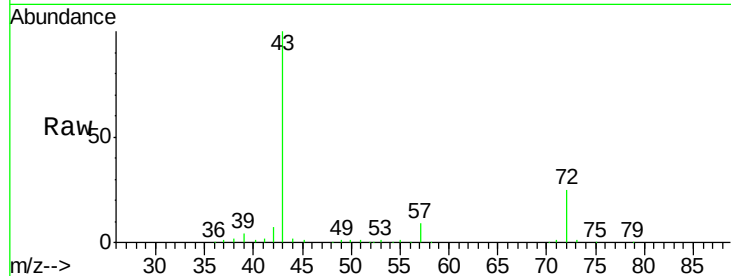
72 25.0 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.23 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000436.D

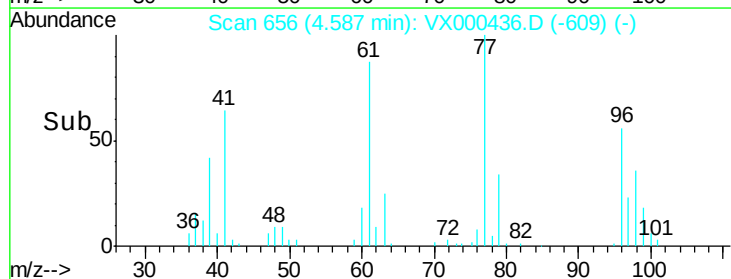
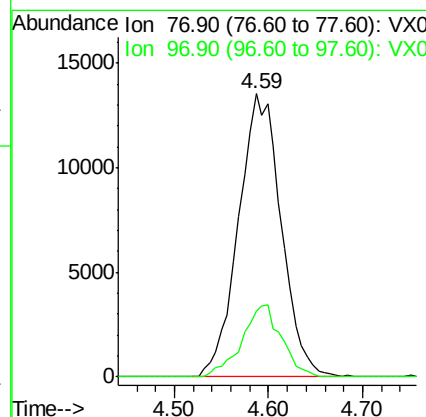
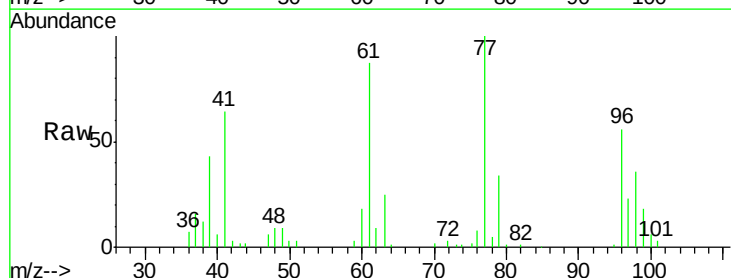
Acq: 26 Mar 2018 13:05

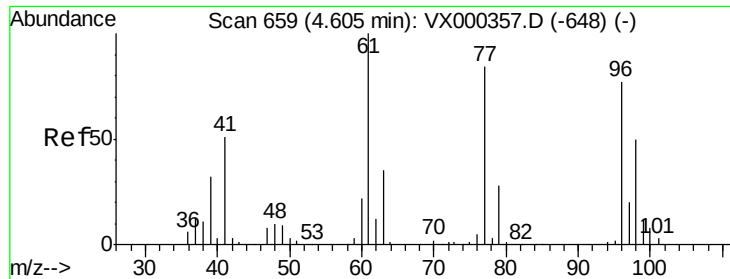
Tgt Ion: 77 Resp: 42882

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.8





#27

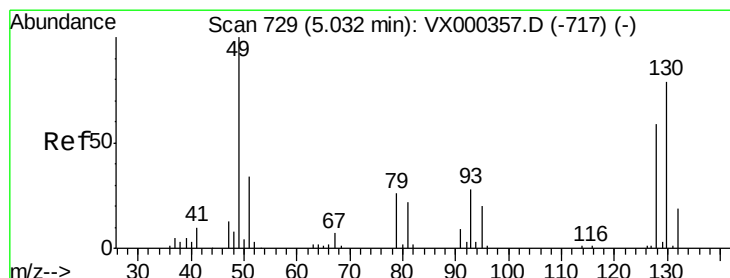
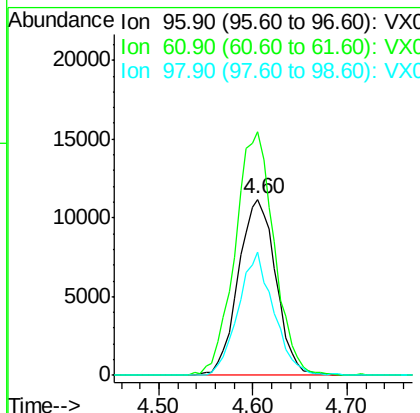
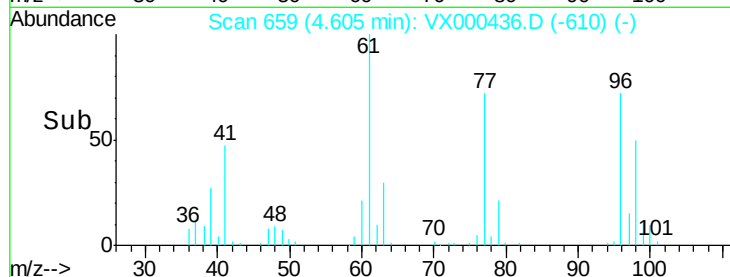
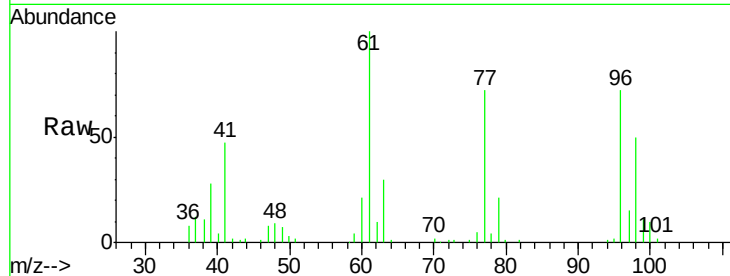
cis-1,2-Dichloroethene
Concen: 20.39 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	31165		
61	143.8	0.0	291.6	
98	65.6	0.0	132.0	

Manual Integrations
APPROVED

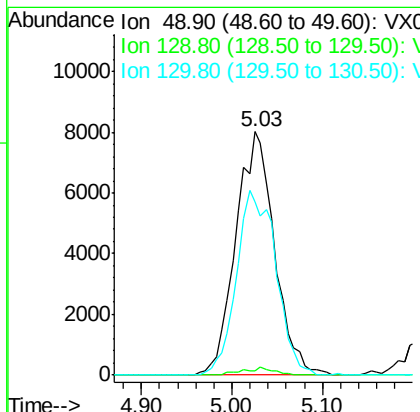
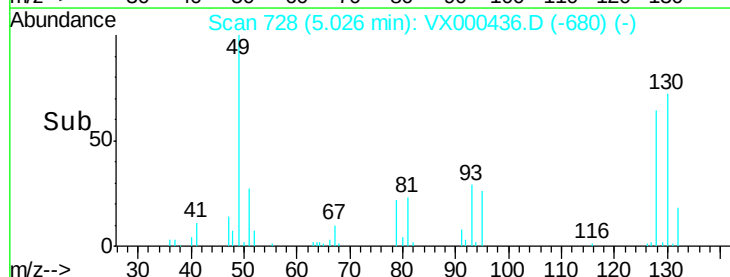
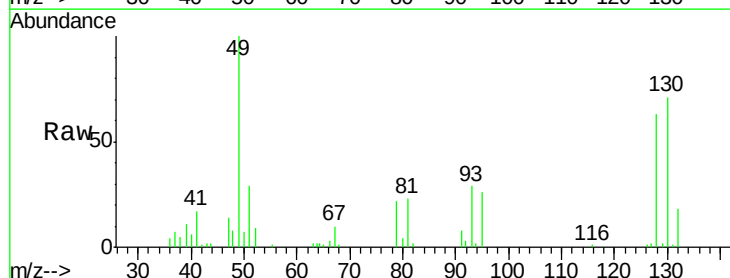
sam
3/27/2018 5:23:55 PM

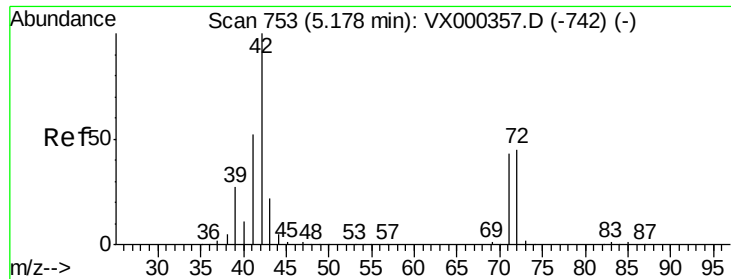


#28

Bromochloromethane
Concen: 19.95 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	23704		
129	2.5	0.0	5.0	
130	77.1	64.0	96.0	





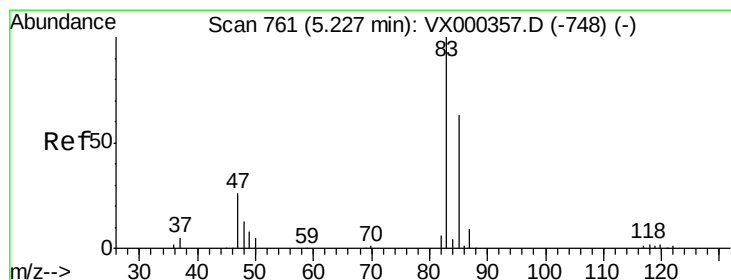
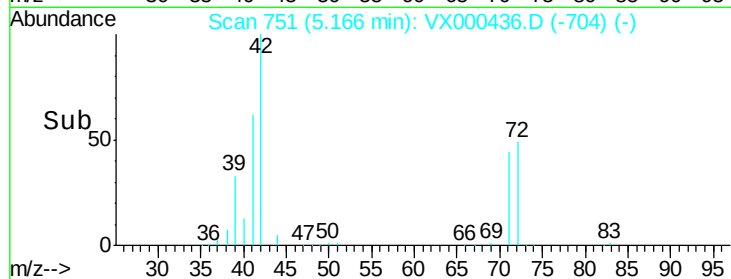
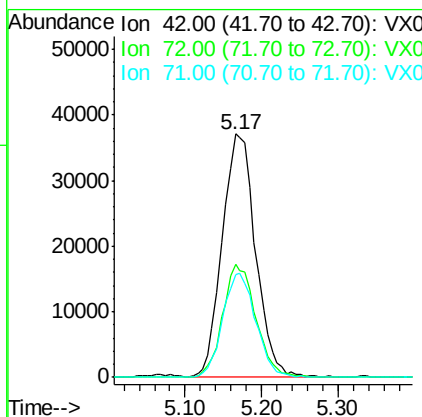
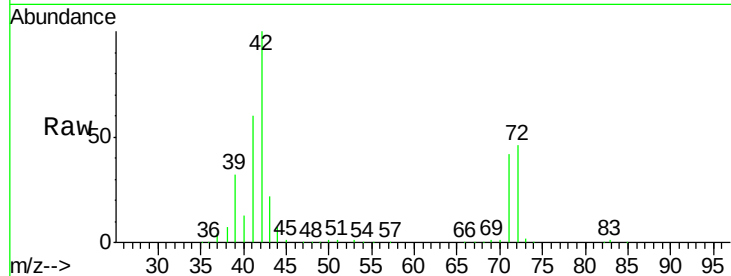
#29
Tetrahydrofuran
Concen: 109.77 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.9	56.9
71	42.7	34.4	51.6

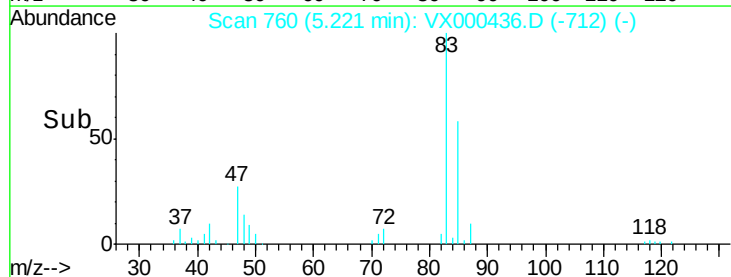
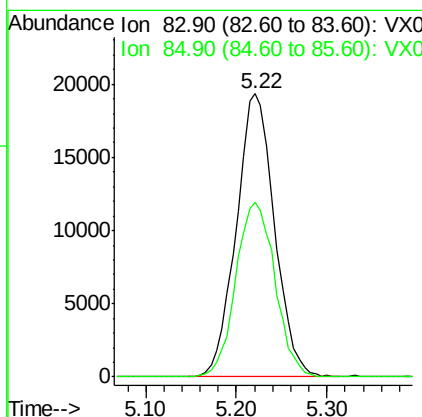
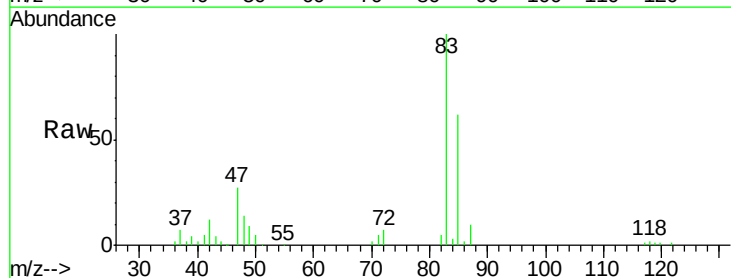
Manual Integrations
APPROVED

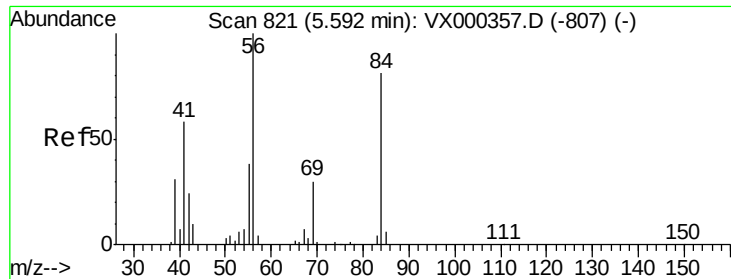
sam
3/27/2018 5:23:55 PM



#30
Chloroform
Concen: 20.90 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	53.3	79.9





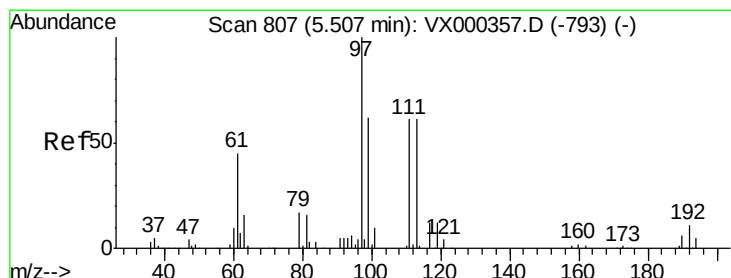
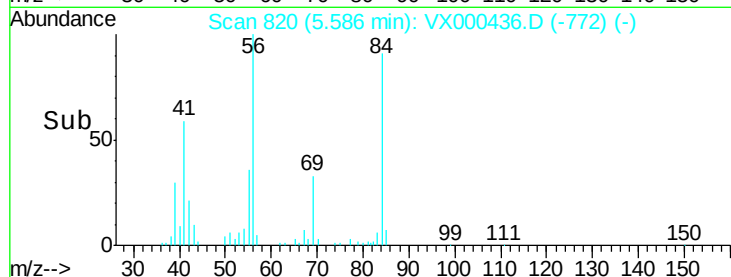
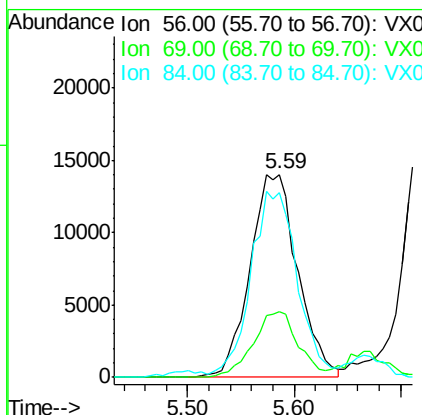
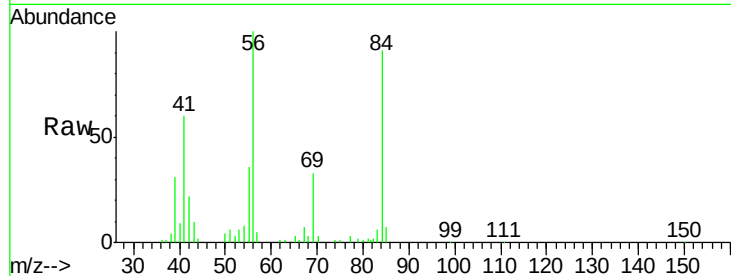
#31
Cyclohexane
Concen: 19.71 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	23.4	35.0
84	87.9	71.0	106.4

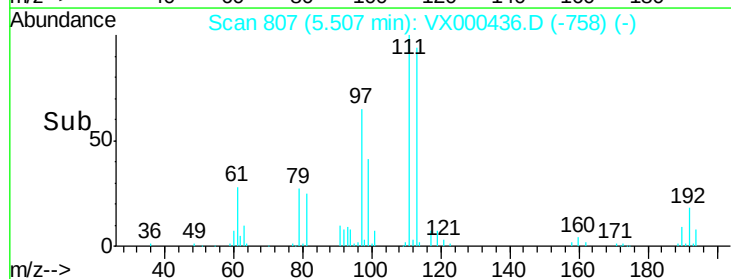
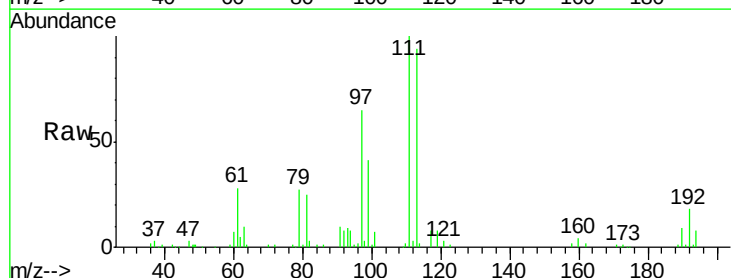
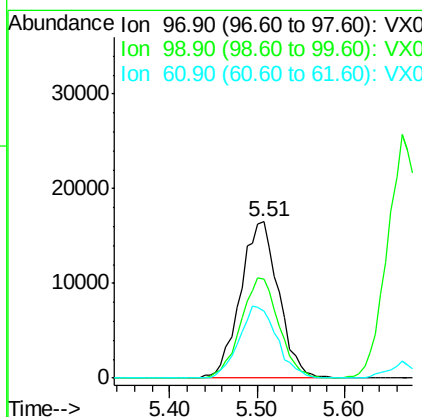
Manual Integrations
APPROVED

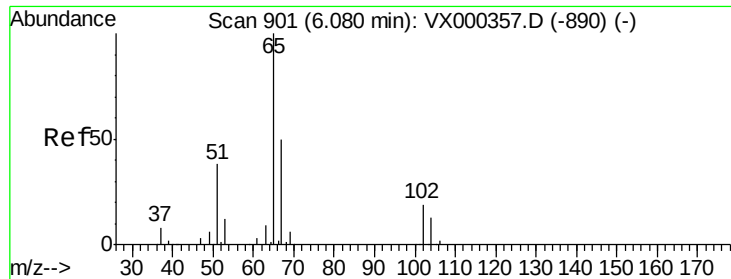
sam
3/27/2018 5:23:55 PM



#32
1,1,1-Trichloroethane
Concen: 20.47 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.1	78.1
61	45.9	36.2	54.4





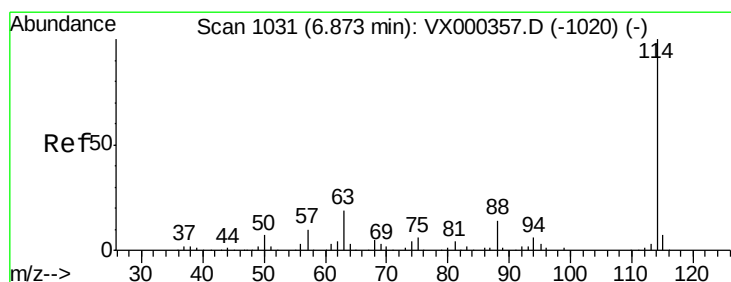
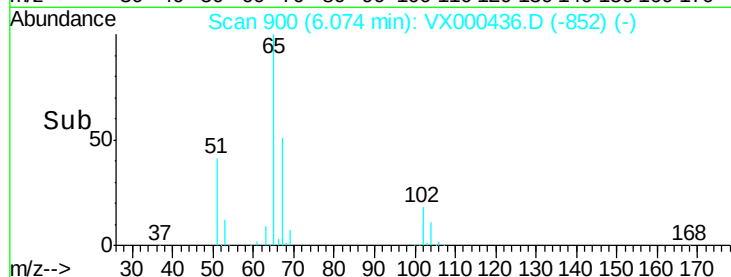
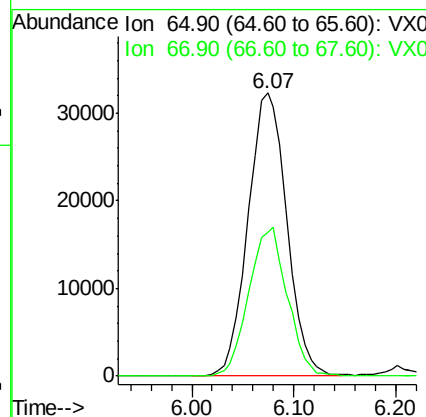
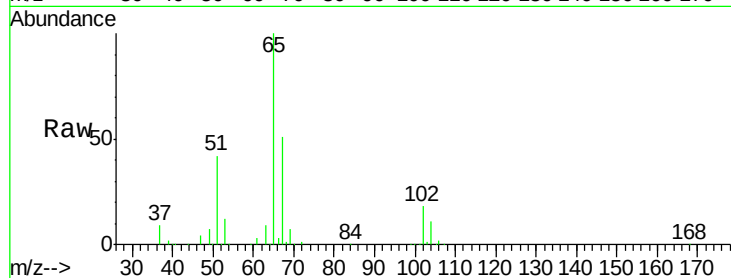
#33
 1,2-Dichloroethane-d4
 Concen: 48.46 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.2

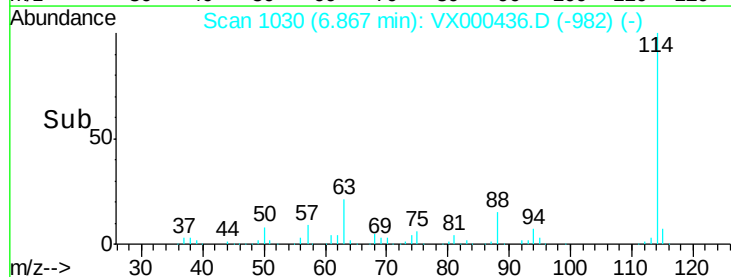
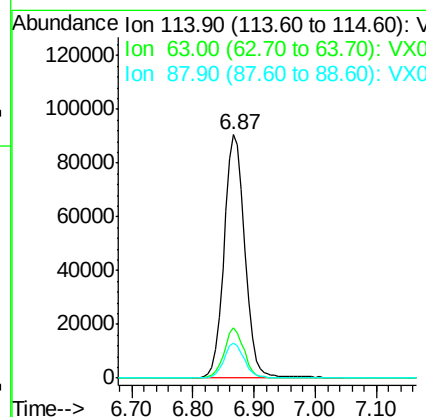
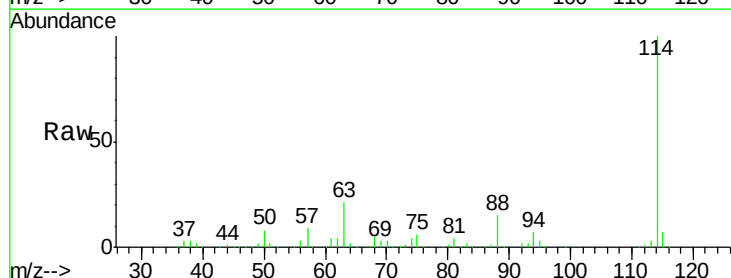
Manual Integrations
 APPROVED

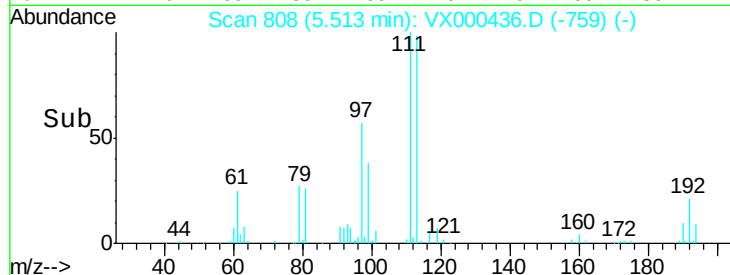
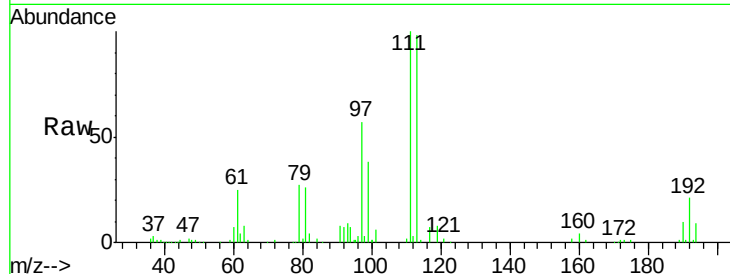
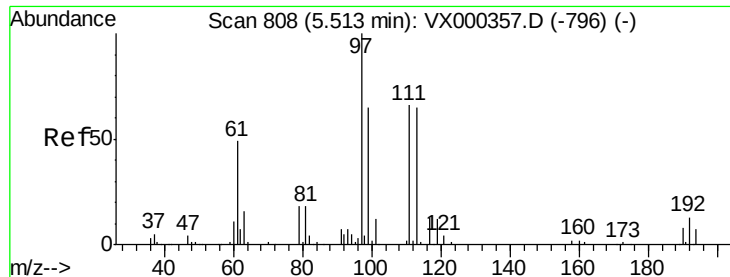
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	38.4
88	14.6	0.0	27.0





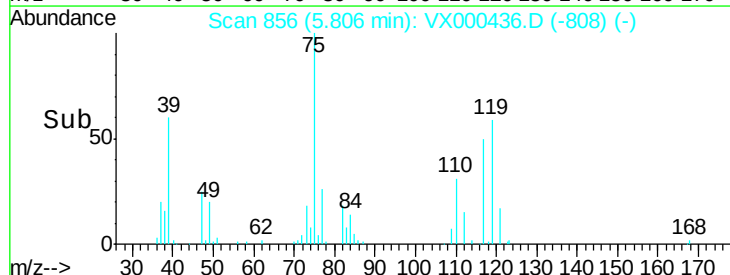
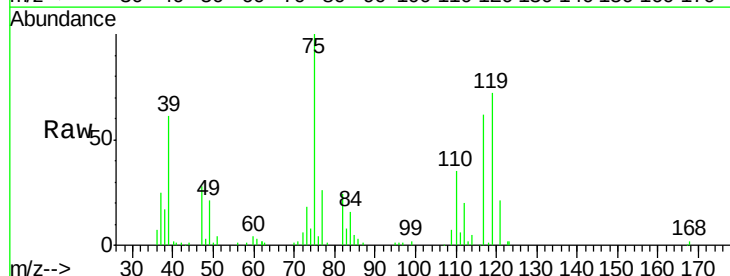
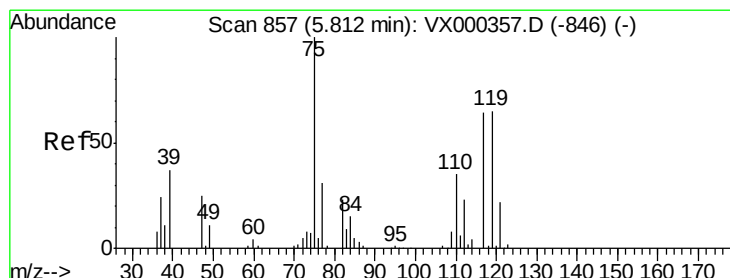
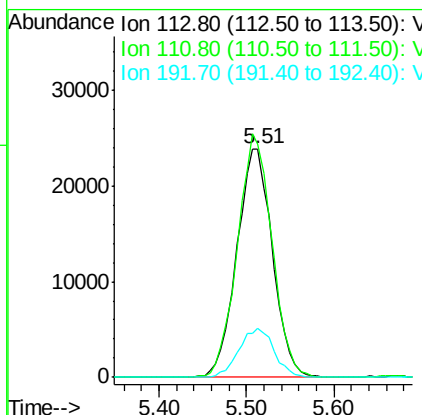
#35
Dibromofluoromethane
Concen: 49.90 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tot Ion	Ratio	Resp	Lower	Upper
113	100	67461		
111	103.8	82.4	123.6	
192	21.0	15.8	23.6	

Instrument :
MSVOA_X
ClientSampled :
VX0326WBS01

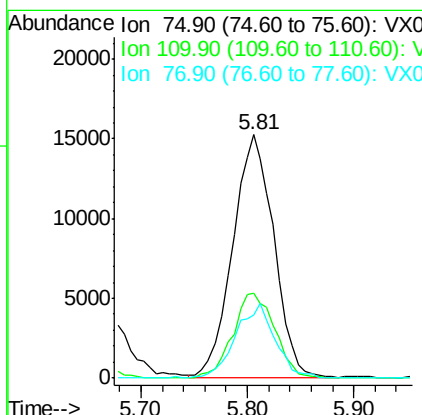
Manual Integrations
APPROVED

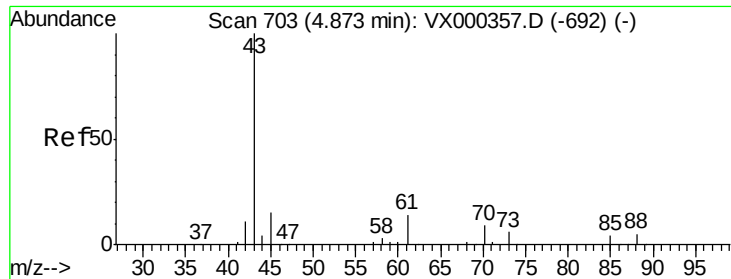
sam
3/27/2018 5:23:55 PM



#36
1,1-Dichloropropene
Concen: 20.45 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	41094		
110	35.8	17.9	53.7	
77	29.4	24.0	36.0	





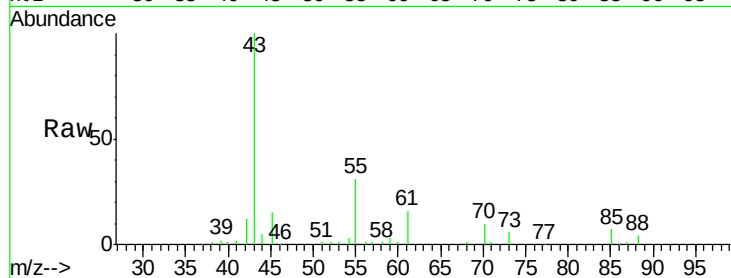
#37
Ethyl Acetate
Concen: 21.35 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBS01

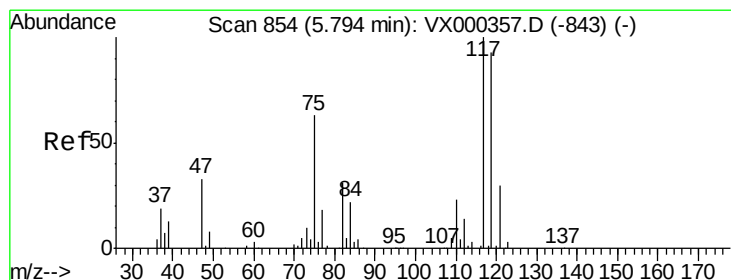
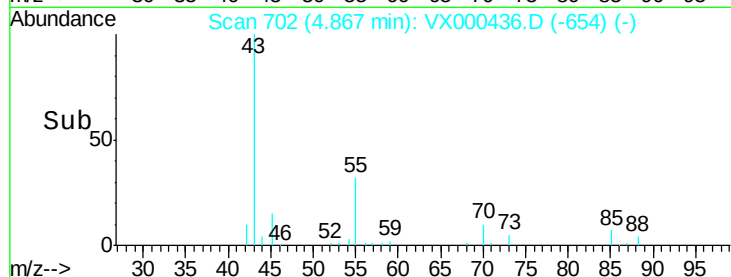
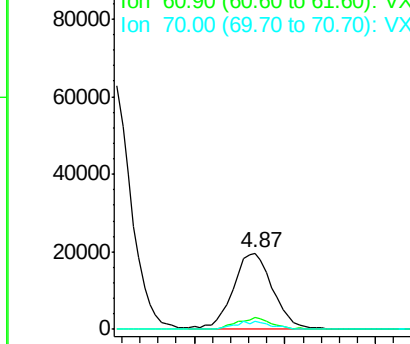
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.1	16.7
70	9.5	7.7	11.5

Manual Integrations
APPROVED

sam
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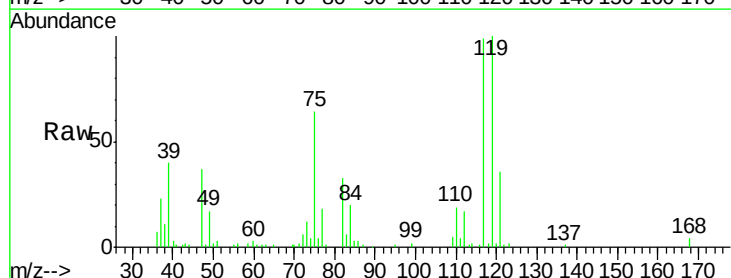


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

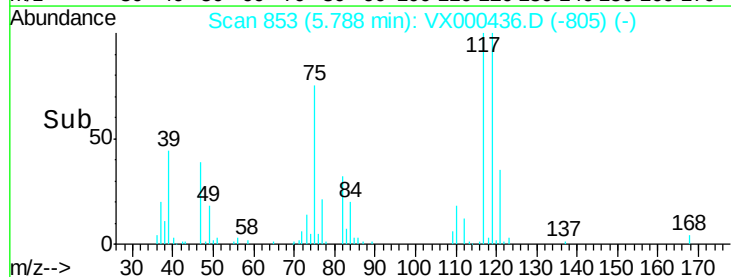
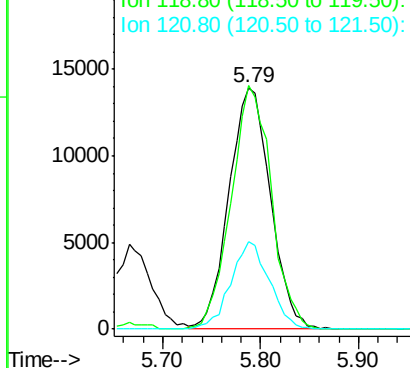


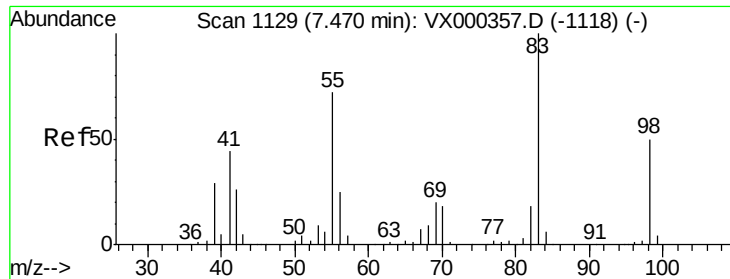
#38
Carbon Tetrachloride
Concen: 19.40 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.0	77.4	116.2
121	36.4	24.8	37.2



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





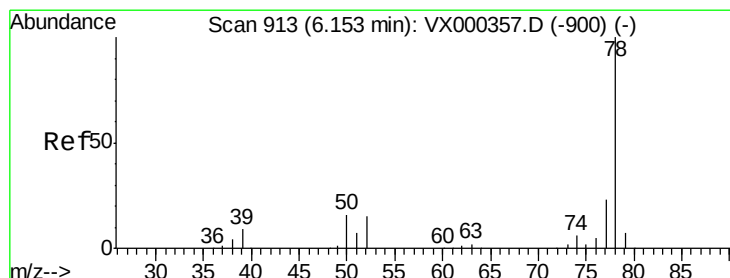
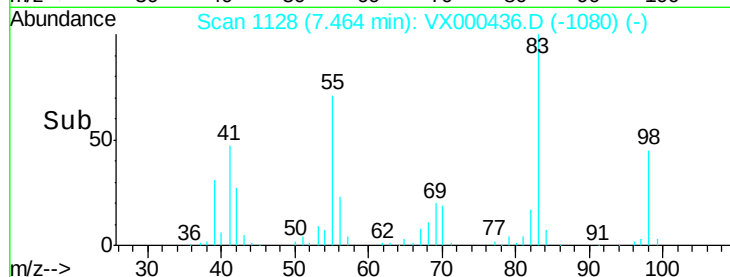
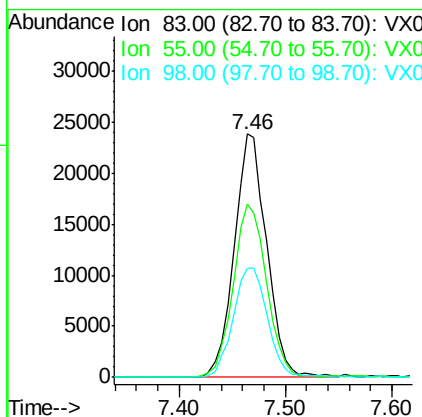
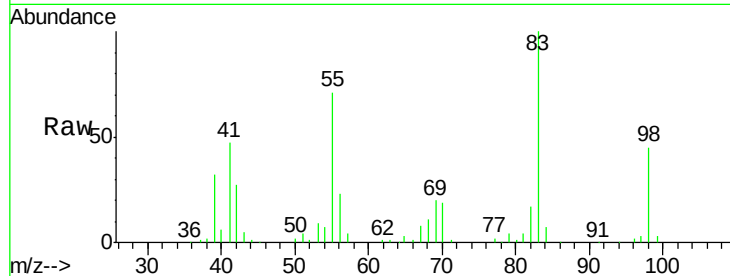
#39
Methylvlcyclohexane
Concen: 20.88 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBS01

Tot Ion	83	Resp	51030
Ion	Ratio	Lower	Upper
83	100		
55	71.0	55.5	83.3
98	44.8	38.2	57.4

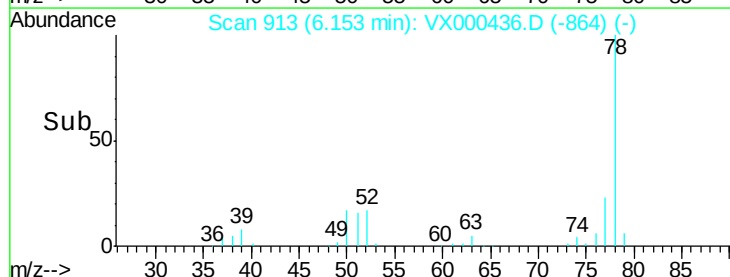
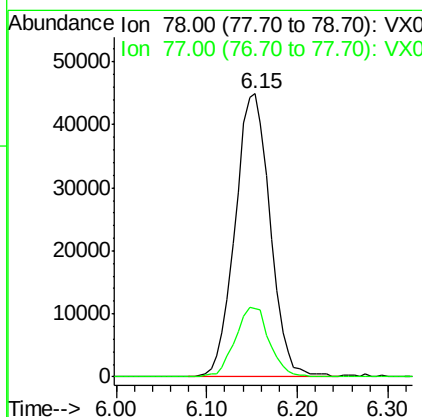
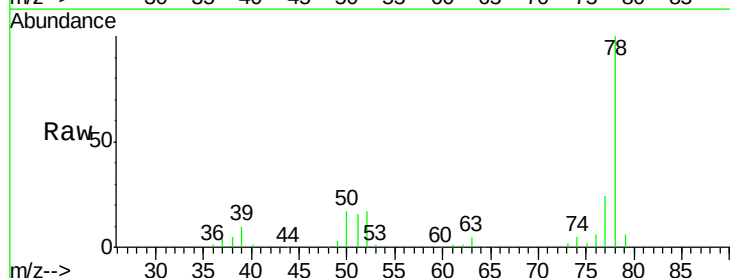
Manual Integrations
APPROVED

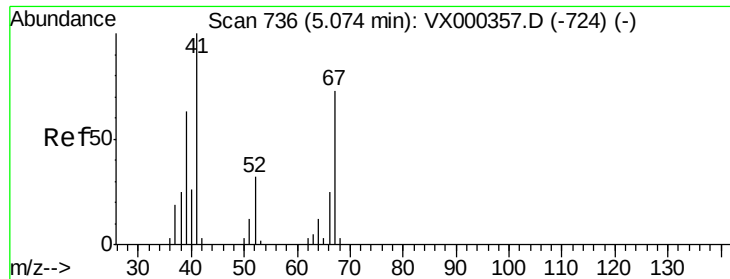
sam
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#40
Benzene
Concen: 20.63 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion	78	Resp	120398
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.7	28.1





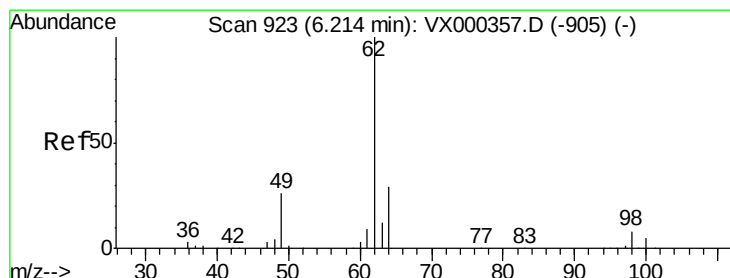
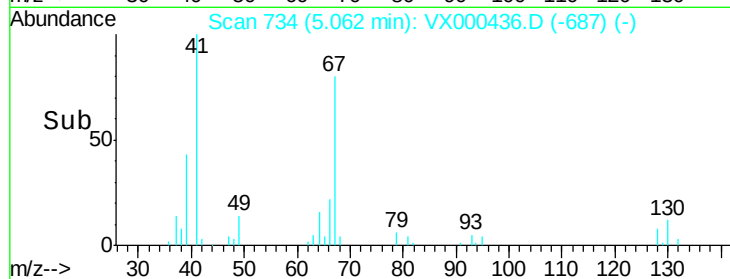
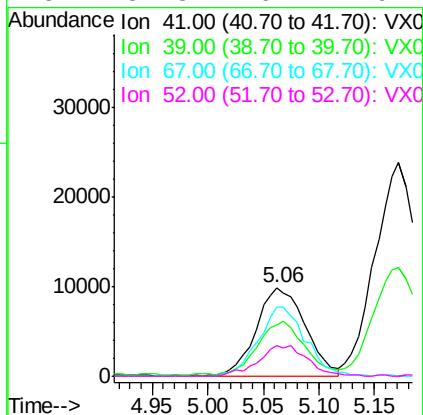
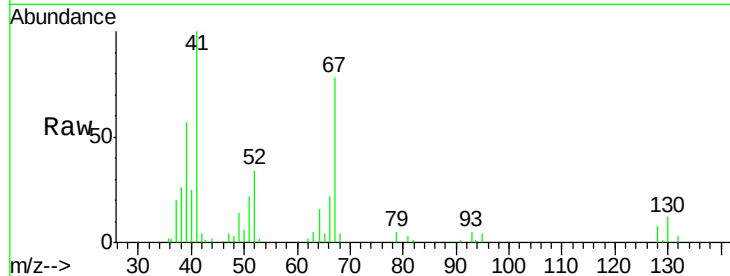
#41
Methacrylonitrile
Concen: 21.10 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.8	45.7	68.5	
67	74.7	57.8	86.8	
52	34.3	26.7	40.1	

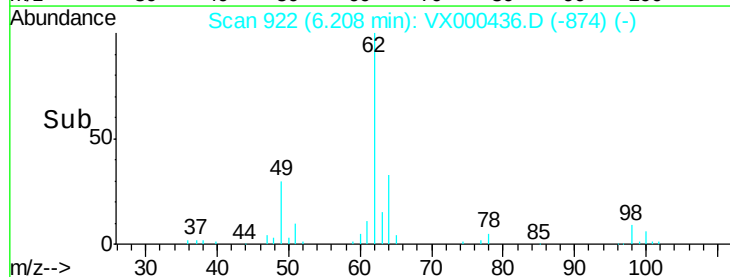
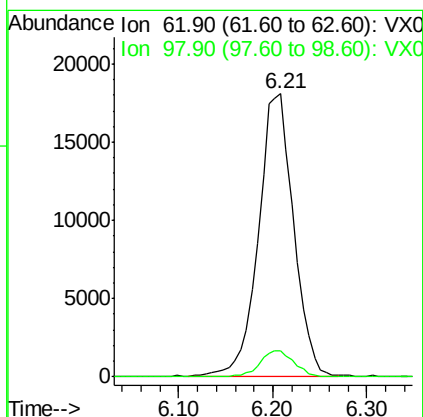
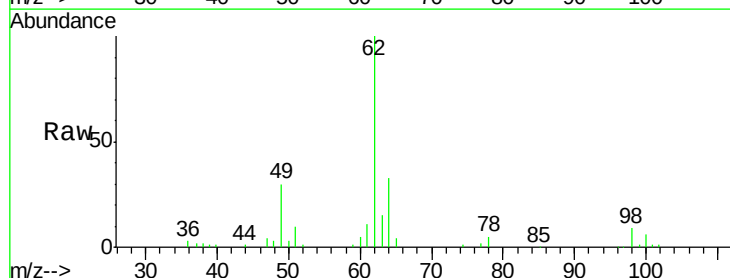
Manual Integrations
APPROVED

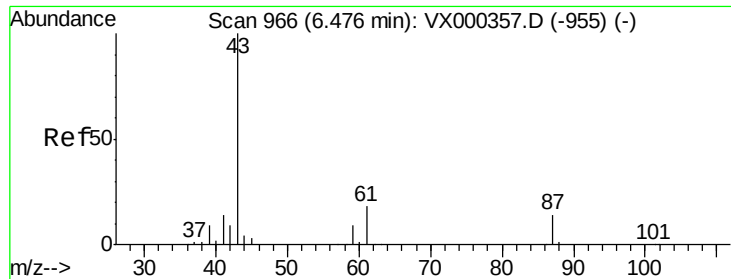
sam
3/27/2018 5:23:55 PM



#42
1,2-Dichloroethane
Concen: 20.76 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	15.8	





#43

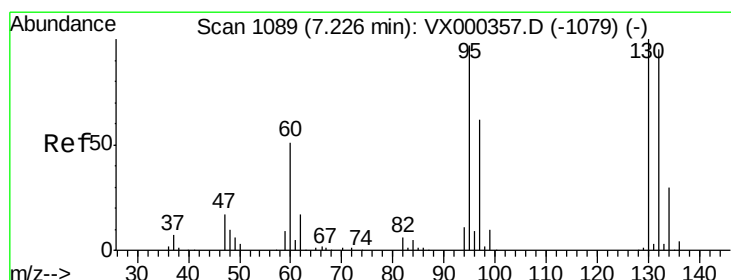
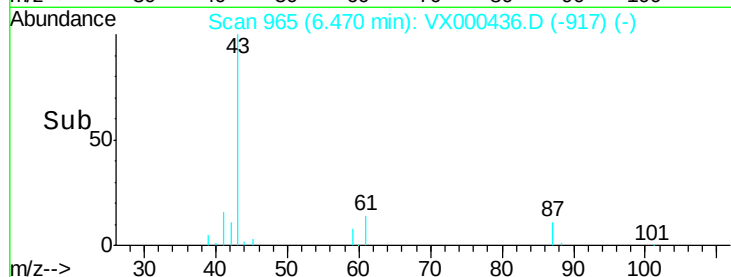
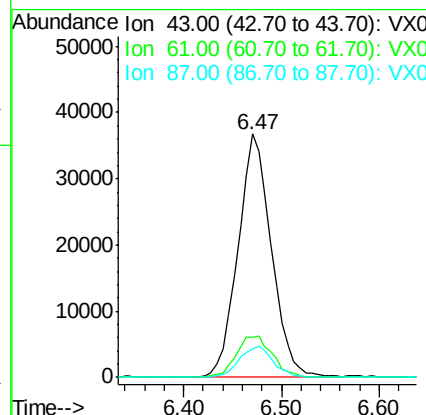
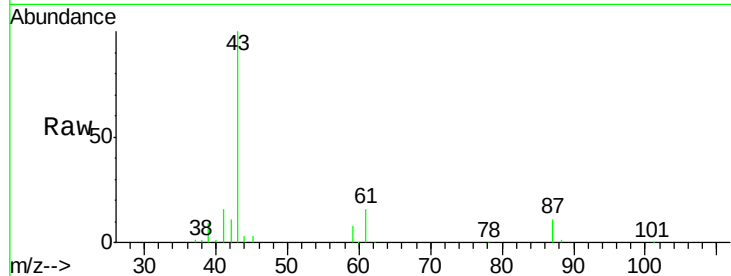
Isopropyl Acetate
 Concen: 21.28 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.4	21.6
87	12.9	11.0	16.4

Manual Integrations
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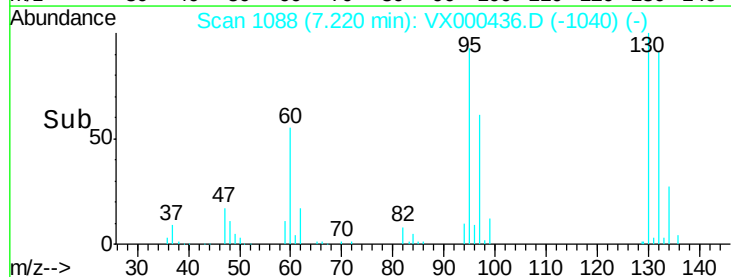
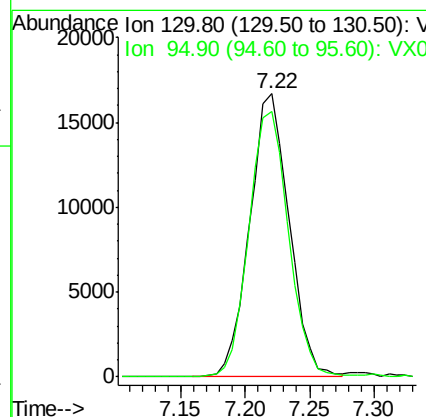
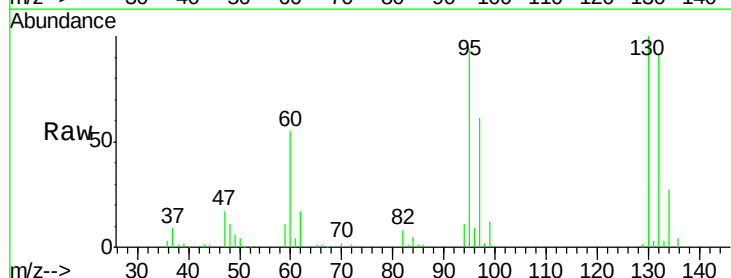
sam
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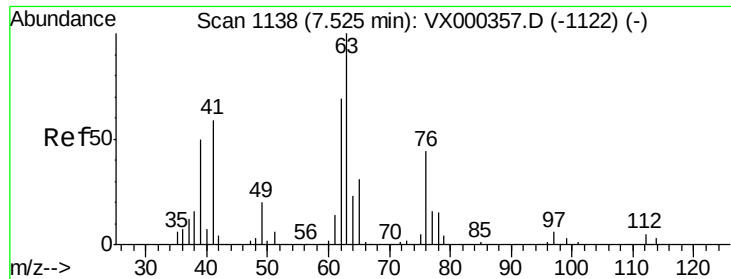


#44

Trichloroethene
 Concen: 21.17 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	186.0





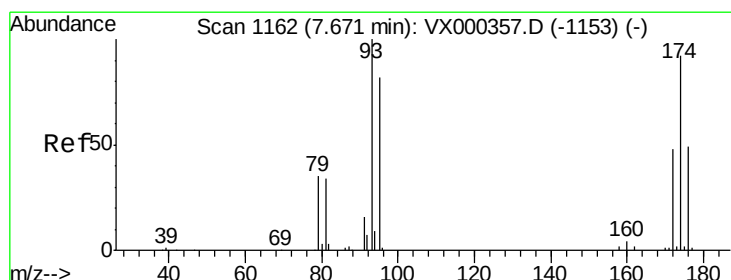
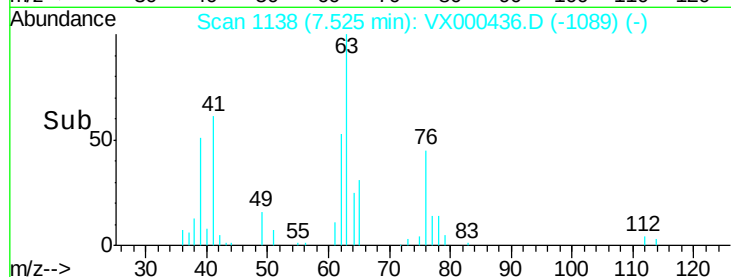
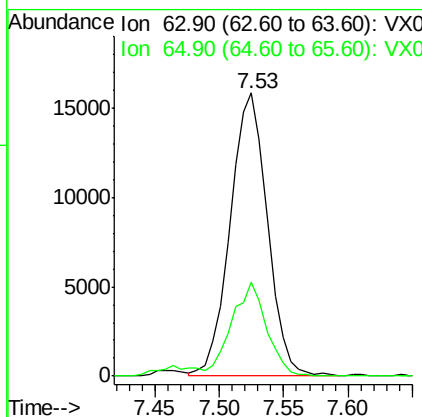
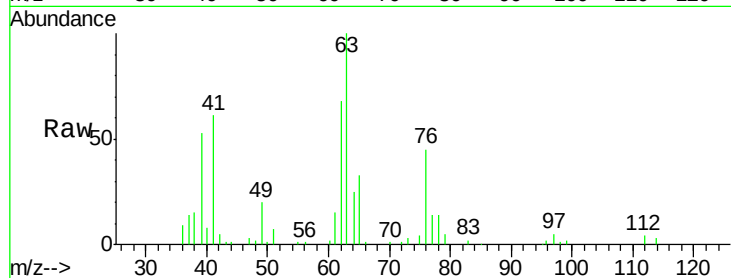
#45
 1,2-Dichloropropane
 Concen: 21.35 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBS01

Tot Ion: 63 Resp: 31899
 Ion Ratio Lower Upper
 63 100
 65 33.2 24.6 36.8

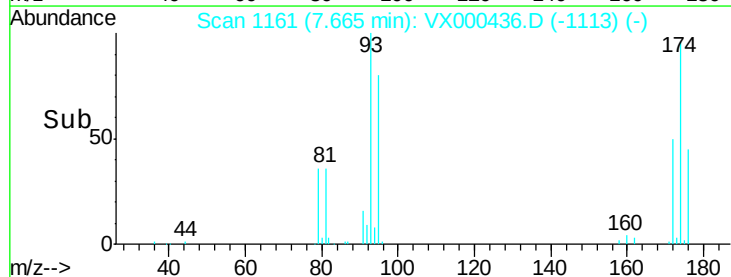
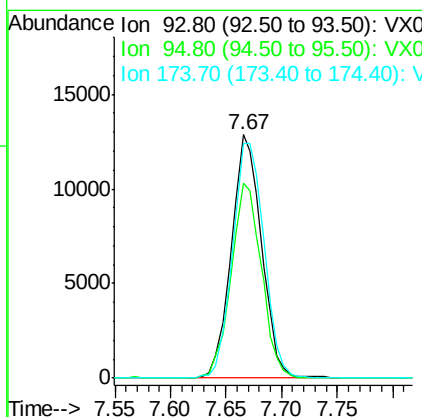
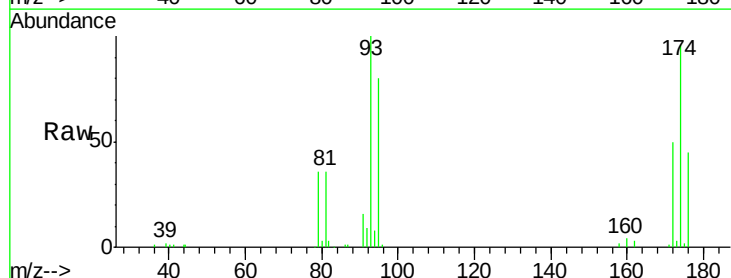
Manual Integrations
 APPROVED

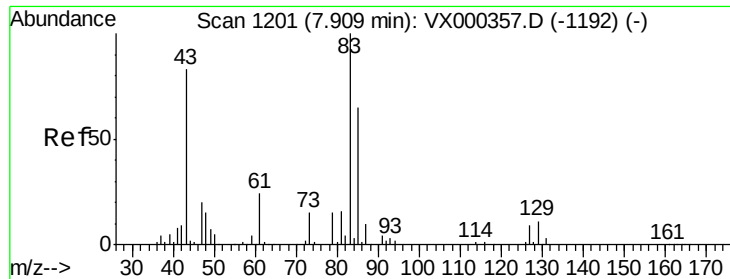
sam
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#46
 Dibromomethane
 Concen: 20.57 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Tgt Ion: 93 Resp: 24122
 Ion Ratio Lower Upper
 93 100
 95 80.7 66.5 99.7
 174 101.1 76.0 114.0





#47

Bromodichloromethane

Concen: 21.95 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

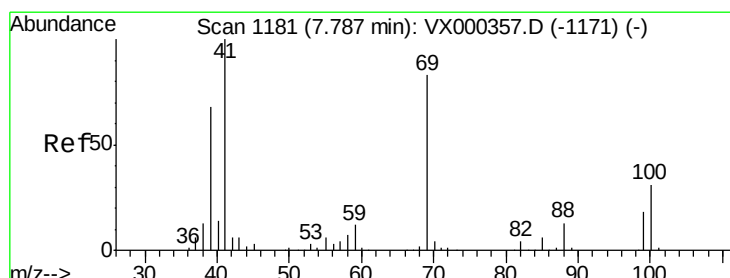
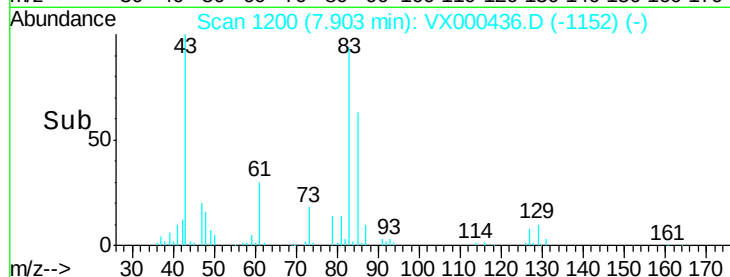
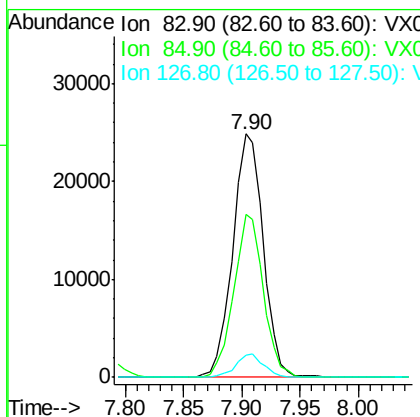
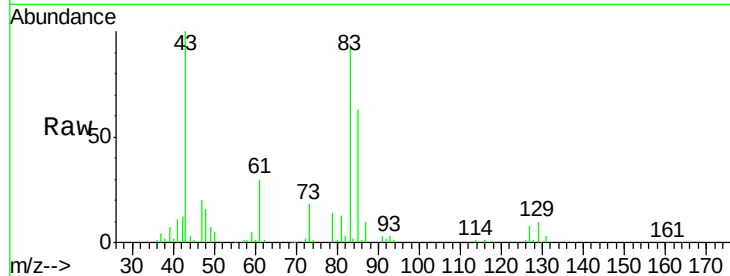
ClientSampleId :

VX0326WBS01

Tot Ion:	83	Resp:	45279
Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.4	77.0
127	9.0	7.0	10.6

Manual Integrations
APPROVED

sam
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#48

Methyl methacrylate

Concen: 22.07 ug/l

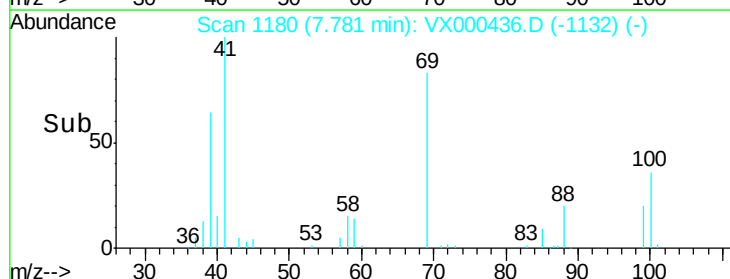
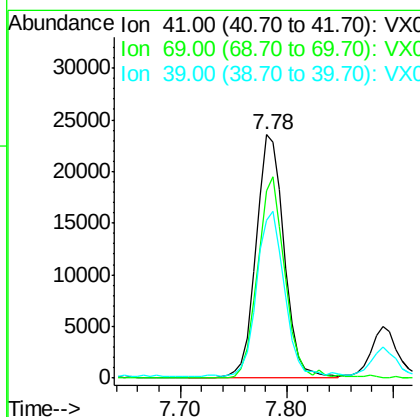
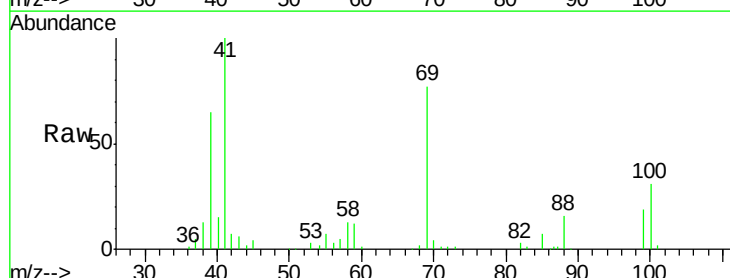
RT: 7.78 min Scan# 1180

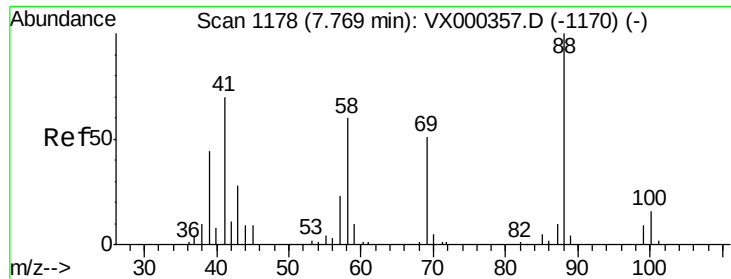
Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Tgt Ion:	41	Resp:	43789
Ion	Ratio	Lower	Upper
41	100		
69	79.1	68.2	102.4
39	66.4	54.6	81.8





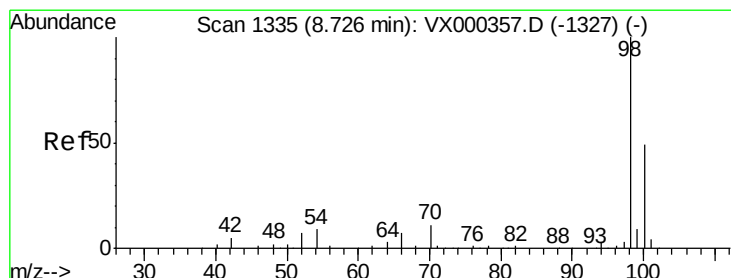
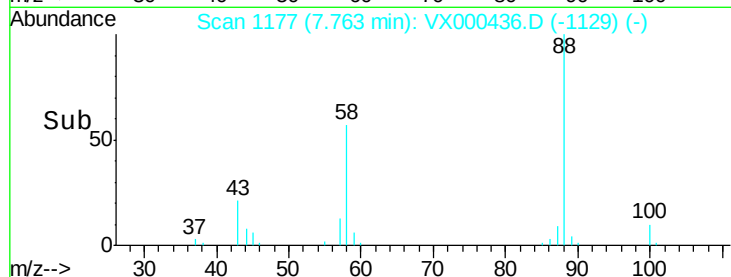
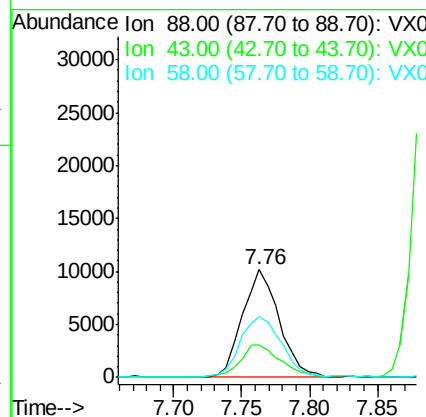
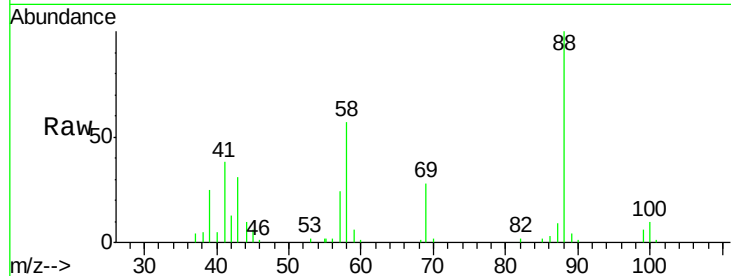
#49
1,4-Dioxane
Concen: 461.75 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampled :
VX0326WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	26.8	40.2
58	63.1	52.2	78.2

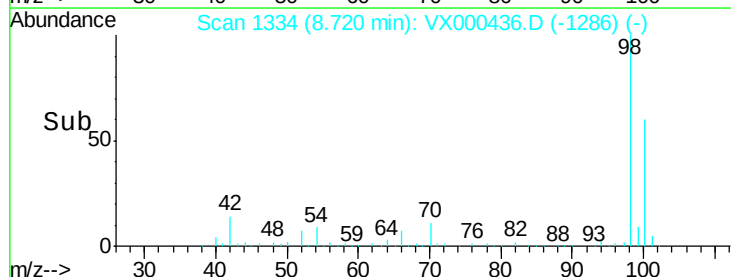
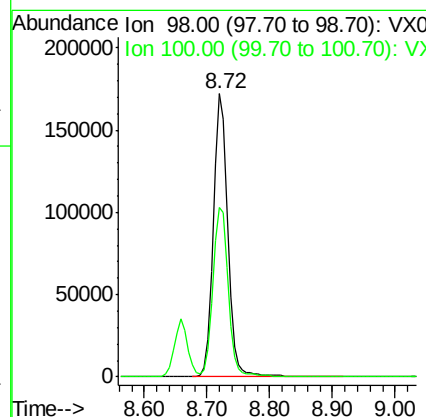
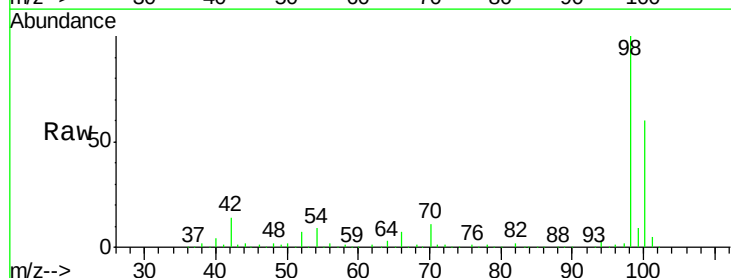
Manual Integrations
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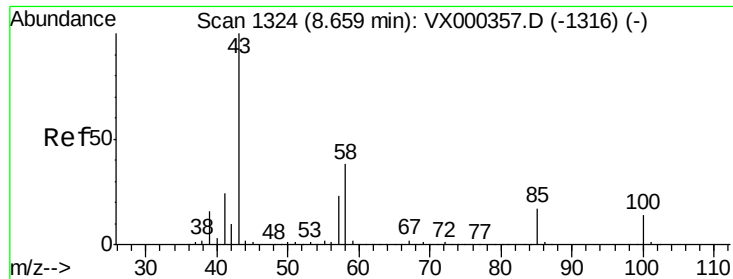
sam
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#50
Toluene-d8
Concen: 48.89 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 114.13 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampled :

VX0326WBS01

Tot Ion: 43 Resp: 360980

Ion Ratio Lower Upper

43 100

58 36.8

30.3

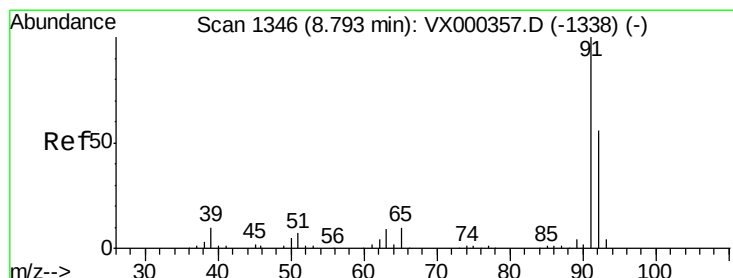
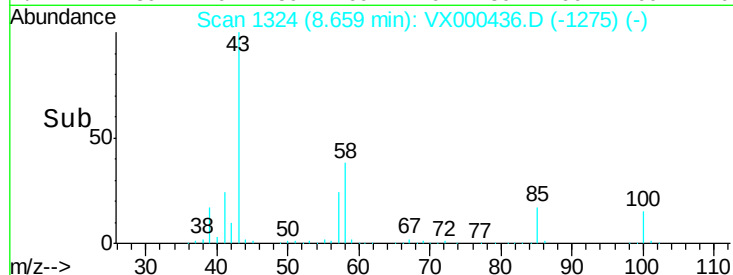
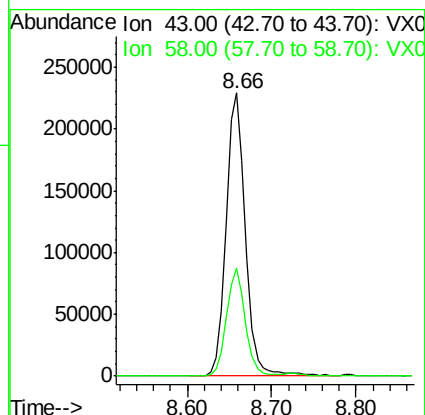
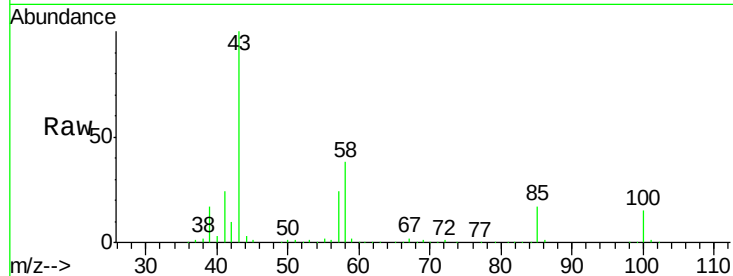
45.5

Manual Integrations

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sam

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#52

Toluene

Concen: 20.87 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Tgt Ion: 92 Resp: 85166

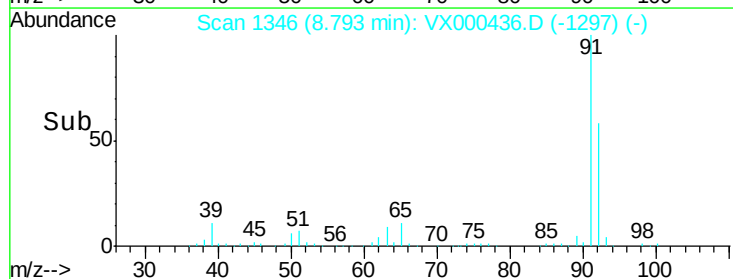
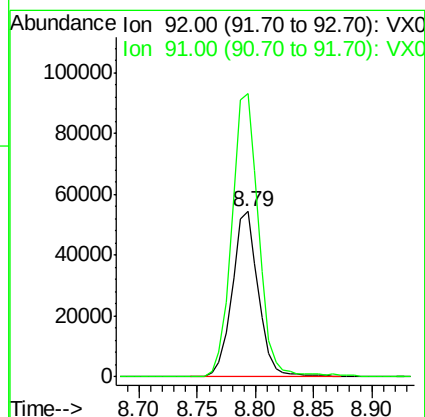
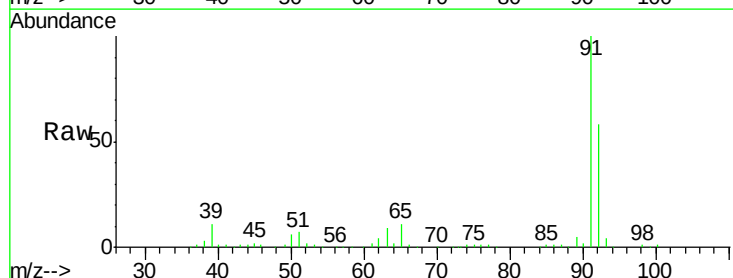
Ion Ratio Lower Upper

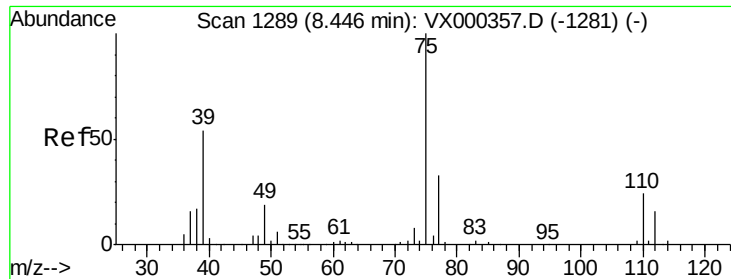
92 100

91 175.7

140.2

210.2





#53

t-1,3-Dichloropropene

Concen: 21.69 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBS01

Tot Ion: 75 Resp: 51854

Ion Ratio Lower Upper

75 100

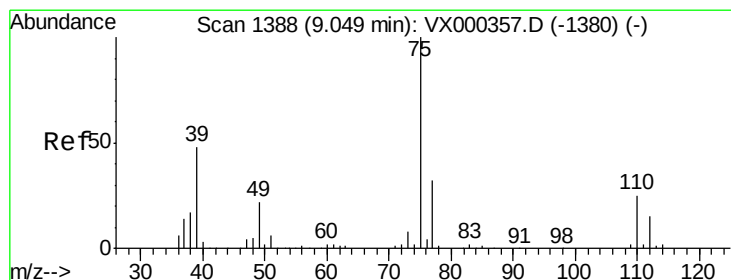
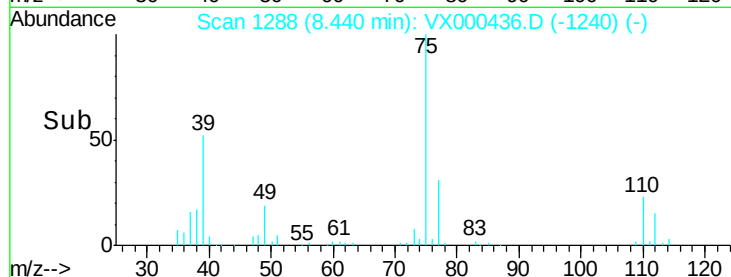
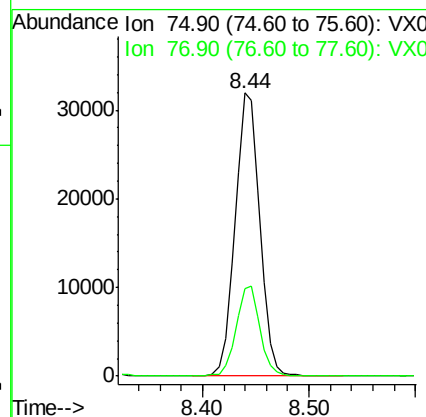
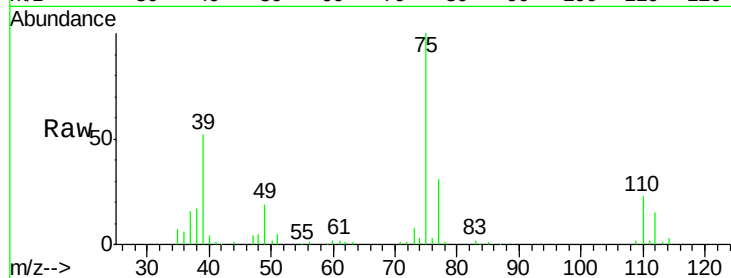
77 30.7 24.0 36.0

Manual Integrations

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sam

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#54

cis-1,3-Dichloropropene

Concen: 21.75 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

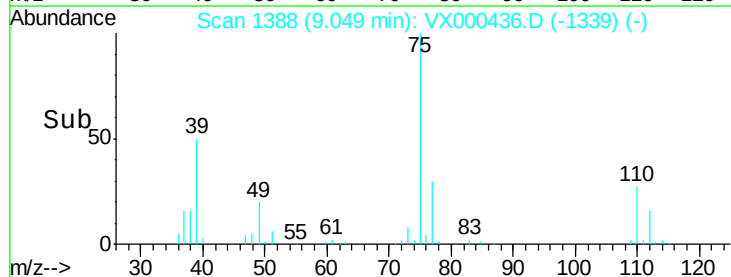
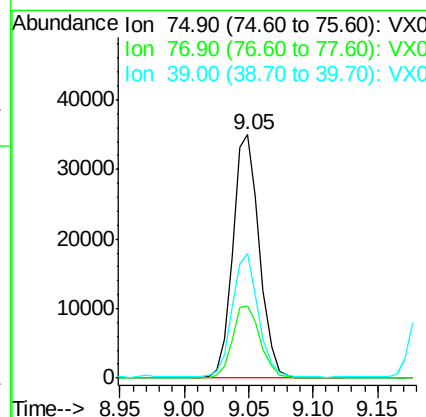
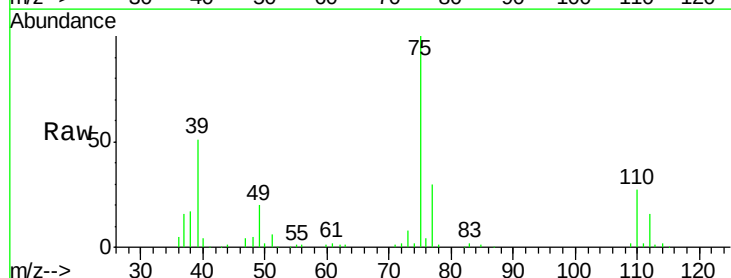
Tgt Ion: 75 Resp: 50440

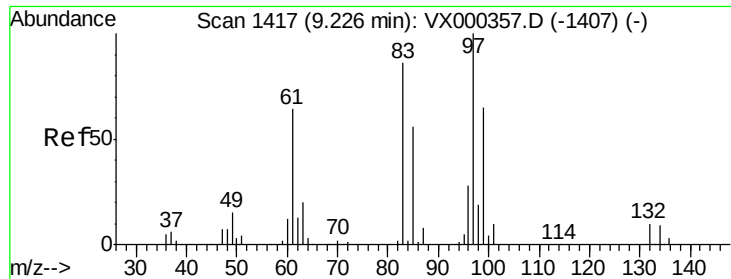
Ion Ratio Lower Upper

75 100

77 29.9 26.1 39.1

39 50.5 39.8 59.6





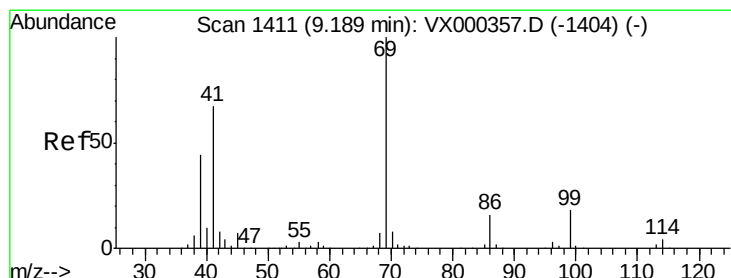
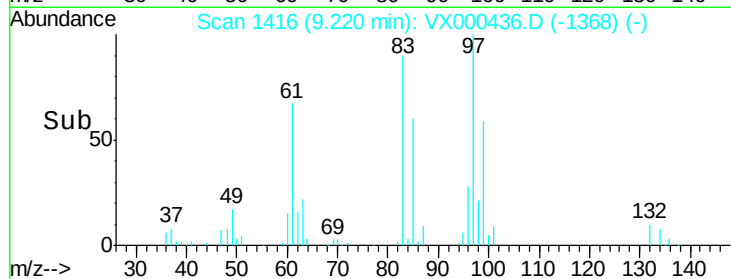
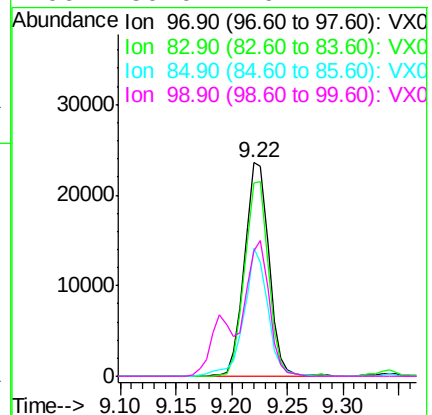
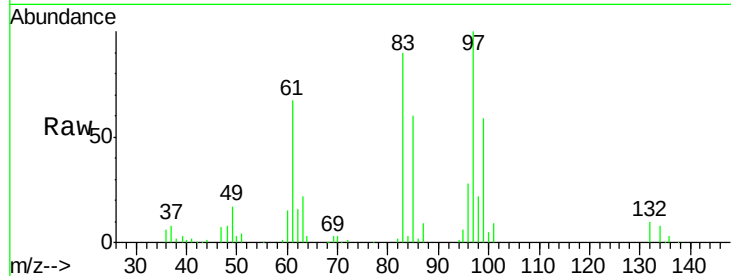
#55
 1,1,2-Trichloroethane
 Concen: 21.51 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBS01

Tot Ion:	97	Resp:	36084
Ion	Ratio	Lower	Upper
97	100		
83	90.3	67.9	101.9
85	60.2	42.8	64.2
99	59.0	49.4	74.2

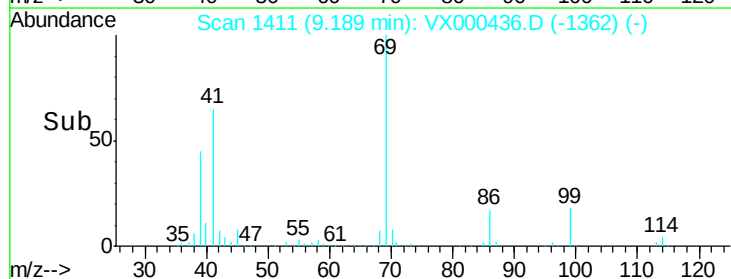
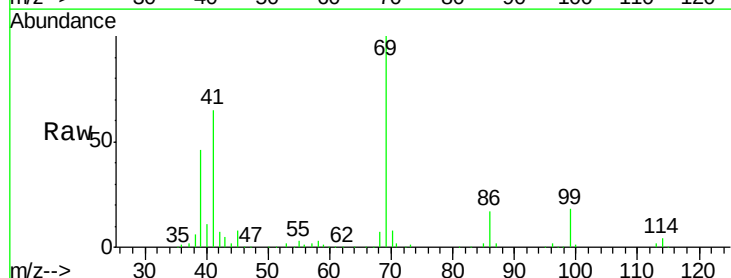
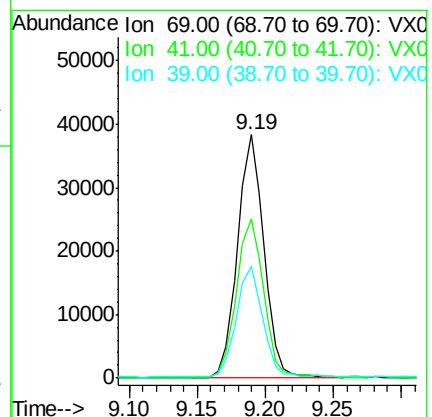
Manual Integrations
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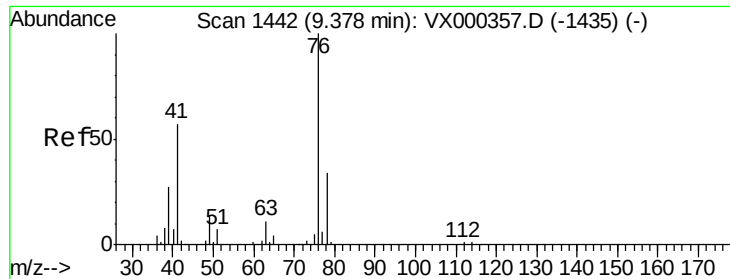
sam
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#56
 Ethyl methacrylate
 Concen: 20.48 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Tgt Ion:	69	Resp:	52067
Ion	Ratio	Lower	Upper
69	100		
41	67.6	53.0	79.6
39	45.3	35.3	52.9





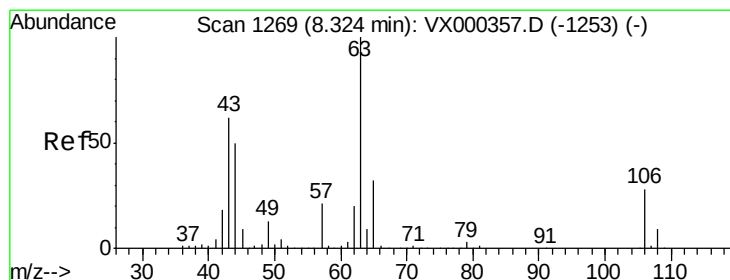
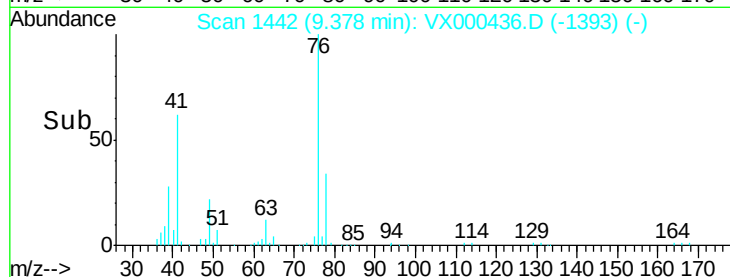
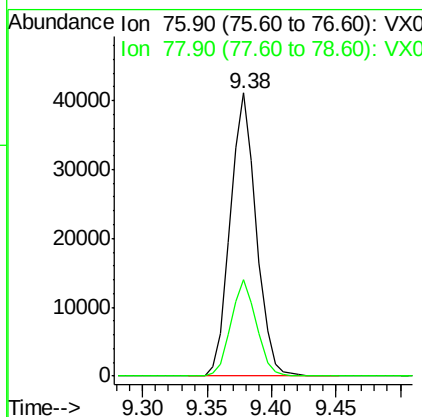
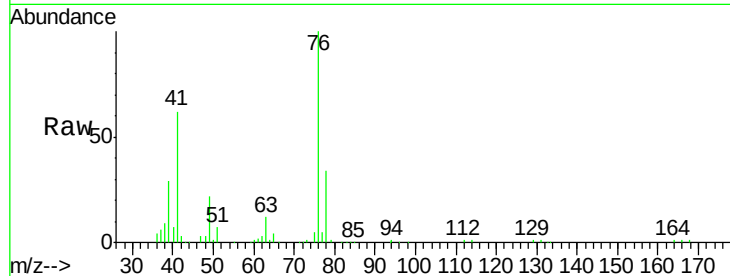
#57
 1,3-Dichloropropane
 Concen: 21.65 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBS01

Tot Ion: 76 Resp: 58113
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.4 39.6

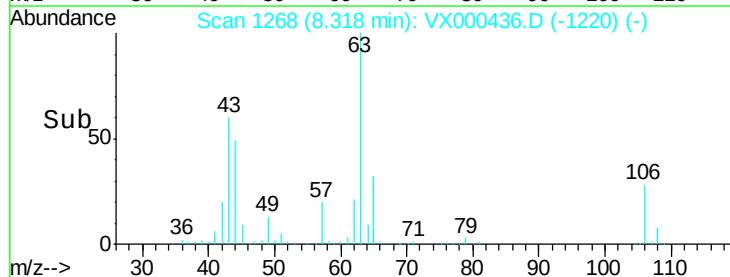
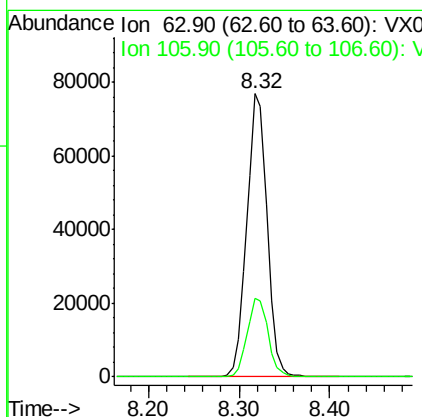
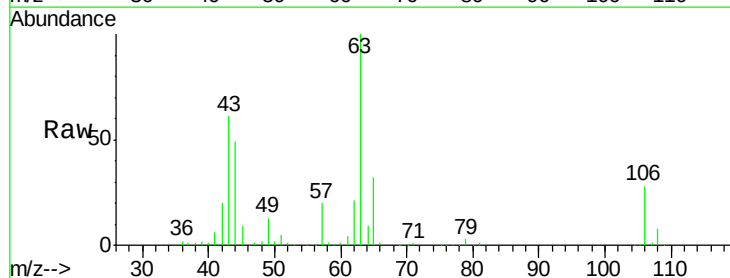
Manual Integrations
 APPROVED

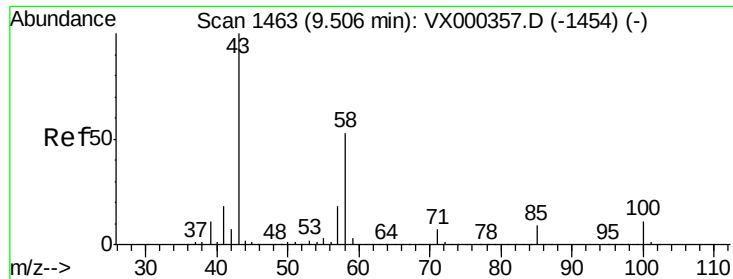
sam
 3/27/2018 5:23:55 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.90 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Tgt Ion: 63 Resp: 119467
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.2 34.8





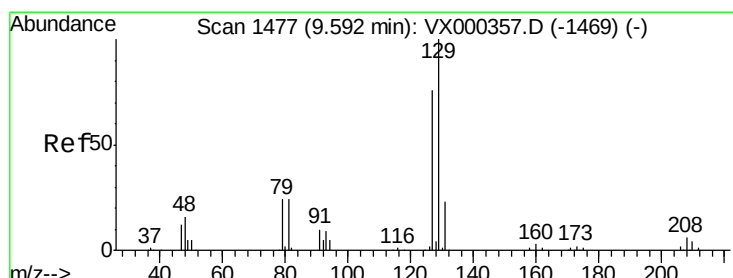
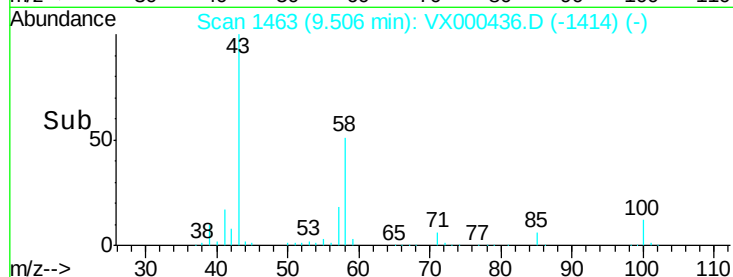
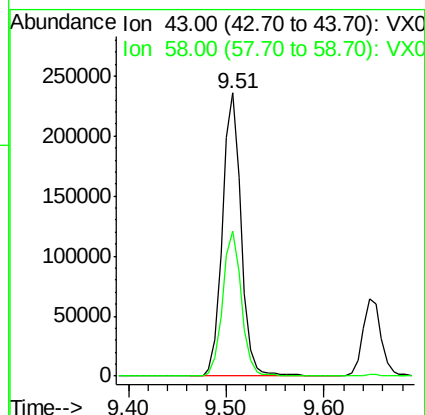
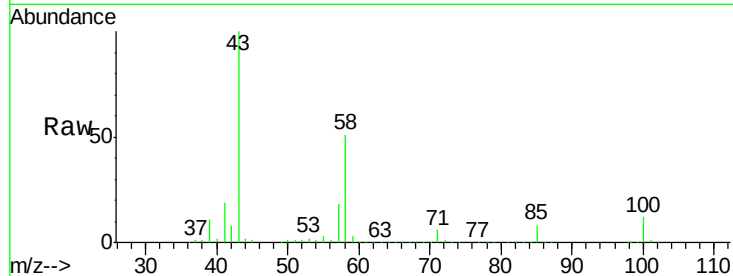
#59
2-Hexanone
Concen: 116.32 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampled :
VX0326WBS01

Tot Ion: 43 Resp: 312410
Ion Ratio Lower Upper
43 100
58 51.8 26.6 79.7

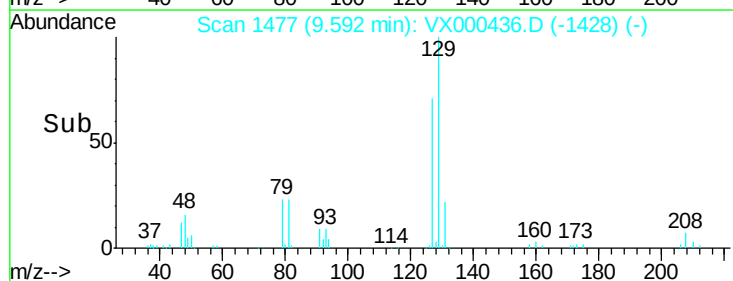
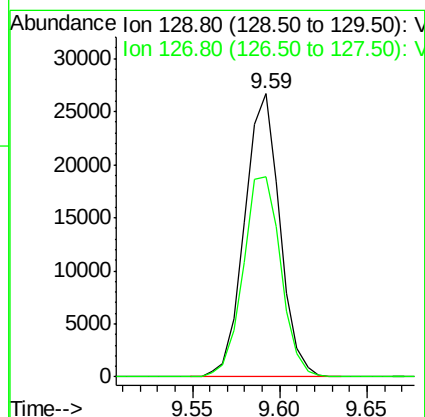
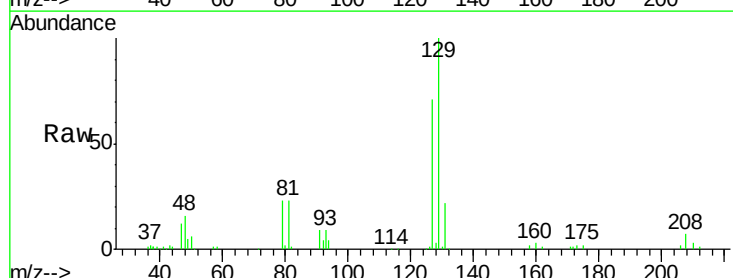
Manual Integrations
APPROVED

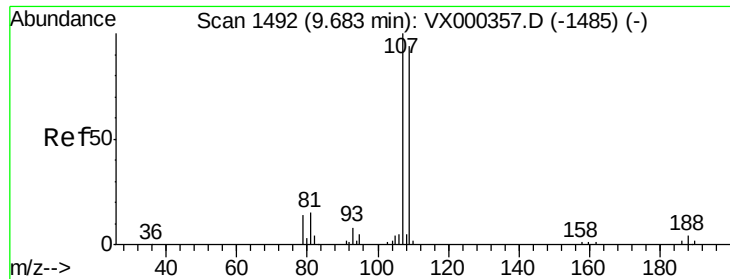
sam
3/27/2018 5:23:55 PM



#60
Dibromochloromethane
Concen: 21.43 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion: 129 Resp: 37468
Ion Ratio Lower Upper
129 100
127 75.7 37.9 113.6





#61

1,2-Dibromoethane

Concen: 21.40 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBS01

Tot Ion:107 Resp: 38507

Ion Ratio Lower Upper

107 100

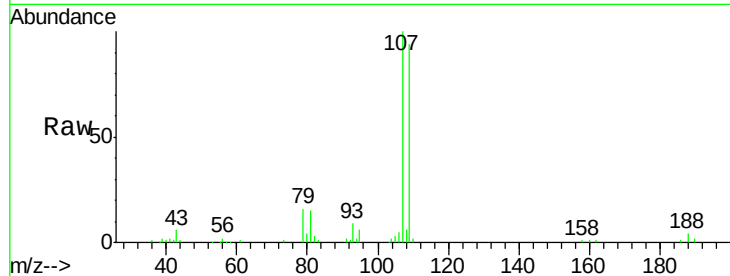
109 95.0 76.1 114.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

30000

25000

20000

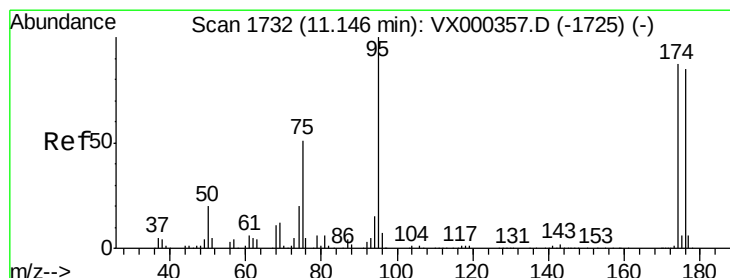
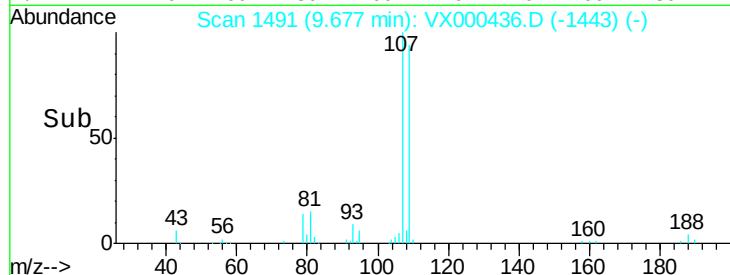
15000

10000

5000

0

Time--> 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 44.21 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

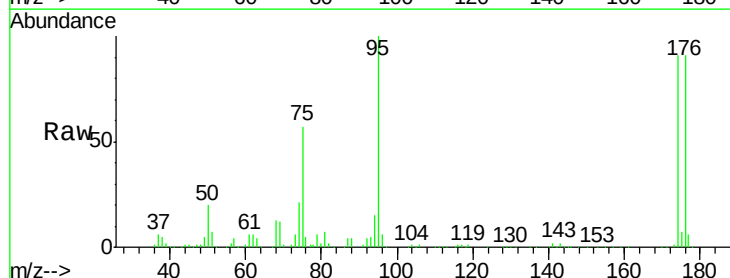
Tgt Ion: 95 Resp: 102680

Ion Ratio Lower Upper

95 100

174 90.4 0.0 173.6

176 86.5 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15

100000

80000

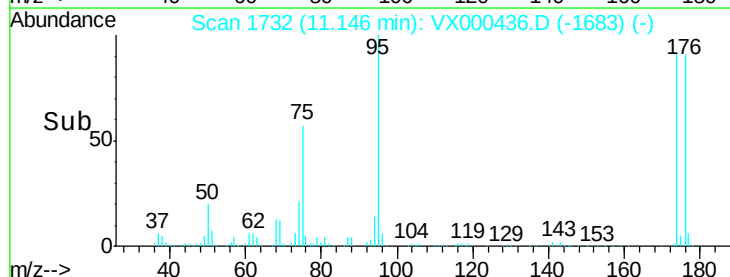
60000

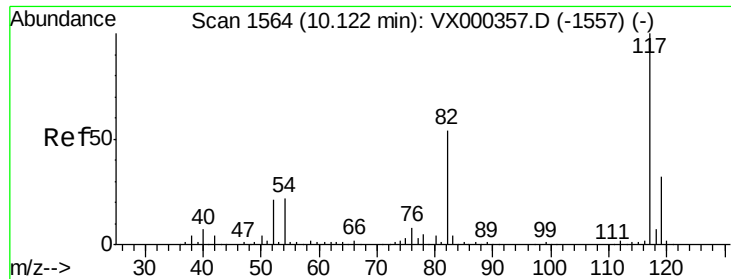
40000

20000

0

Time--> 11.10 11.20





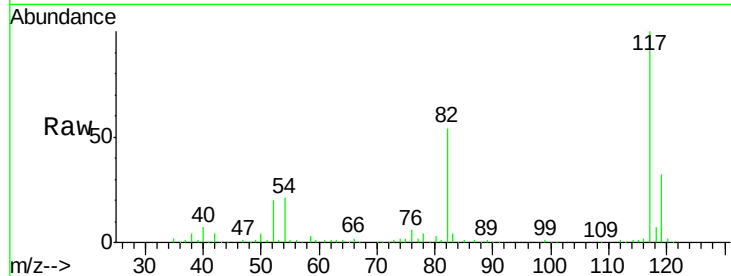
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0326WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	219299		
82	54.3	43.8	65.8	
119	32.3	24.9	37.3	

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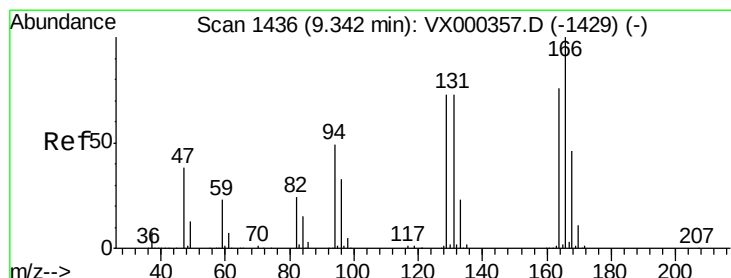
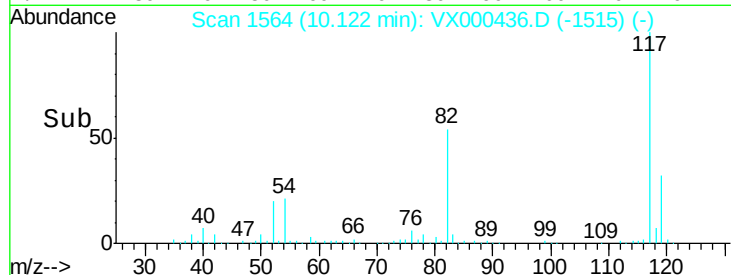
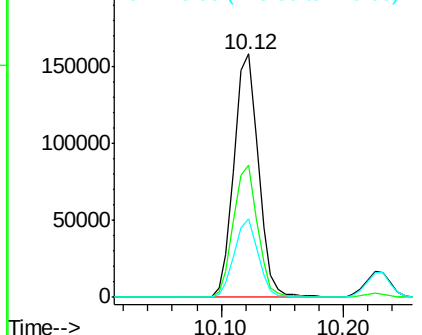


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.00 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	35744		
166	127.2	101.0	151.6	
129	94.4	79.0	118.4	
131	89.6	71.9	107.9	

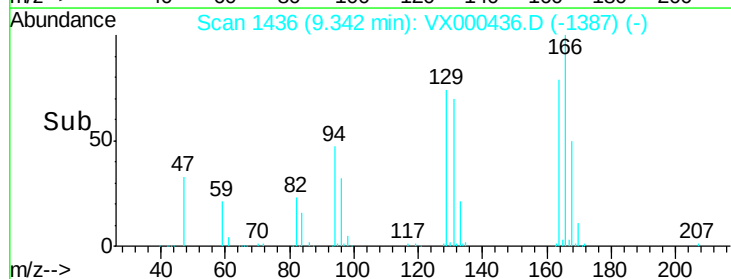
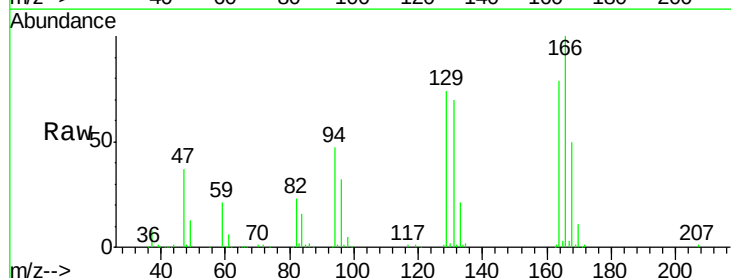
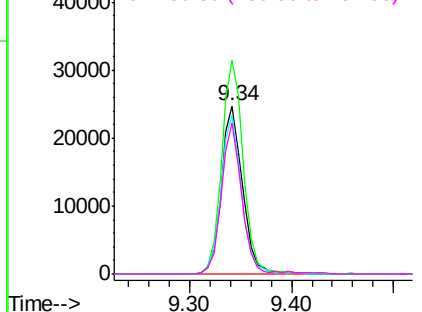
Abundance

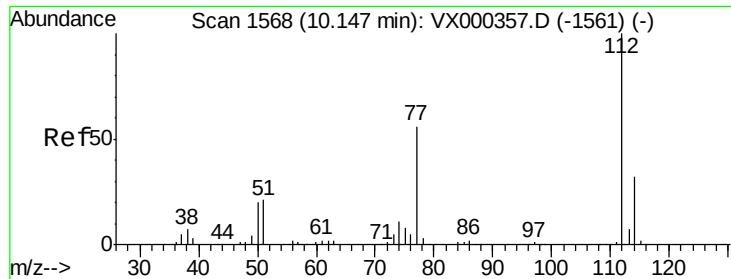
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





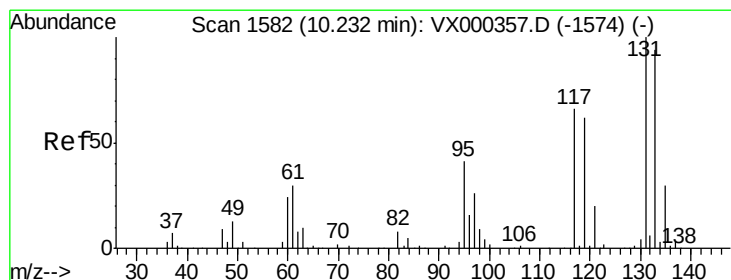
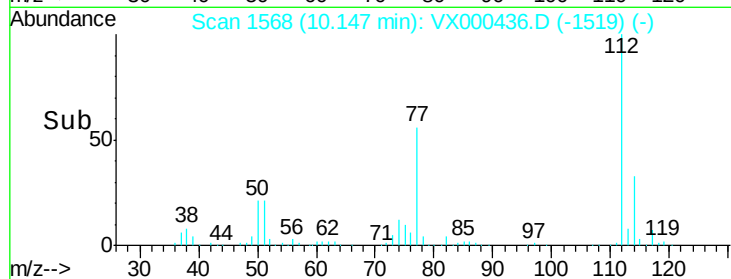
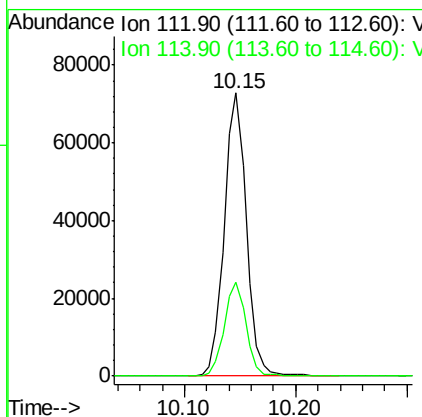
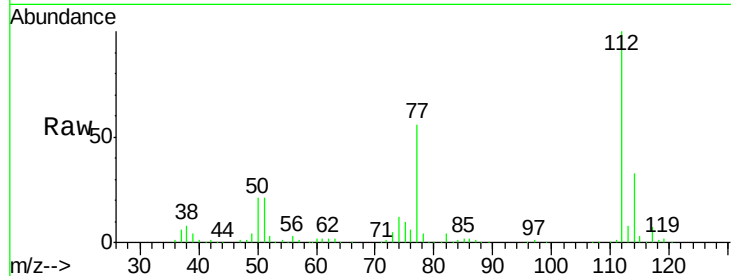
#65
Chlorobenzene
Concen: 20.55 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampled :
VX0326WBS01

Tot Ion:112 Resp: 100296
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5

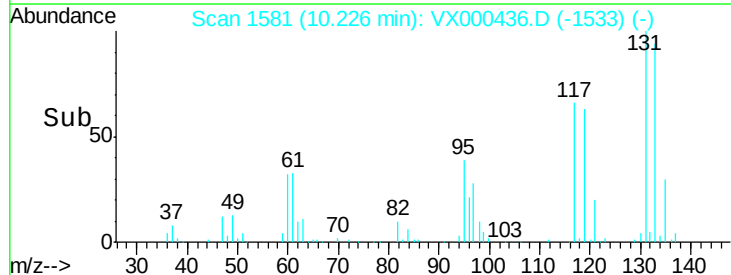
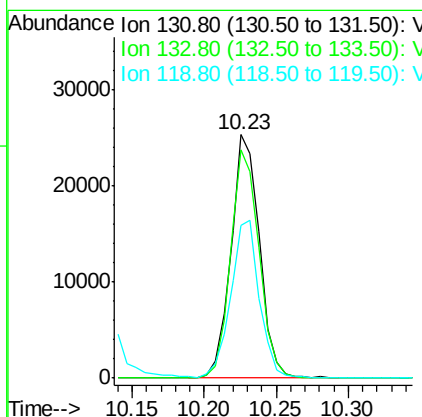
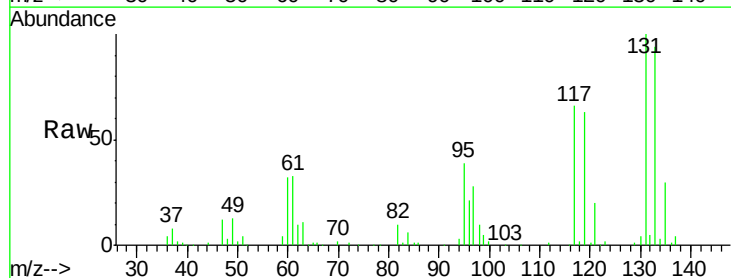
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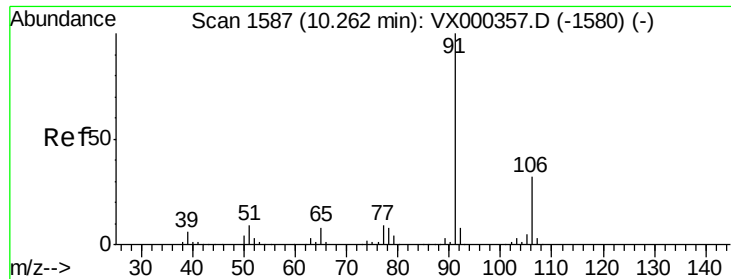
sam
3/27/2018 5:23:55 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.13 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion:131 Resp: 35022
Ion Ratio Lower Upper
131 100
133 93.8 47.1 141.3
119 65.6 33.1 99.2





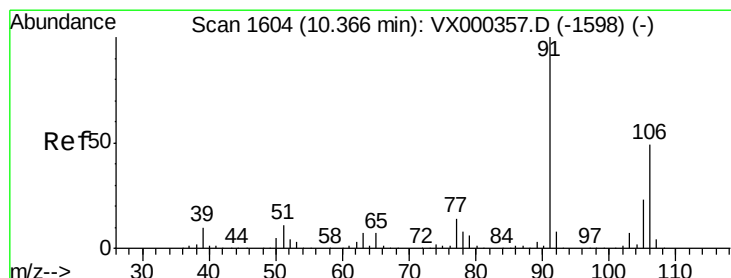
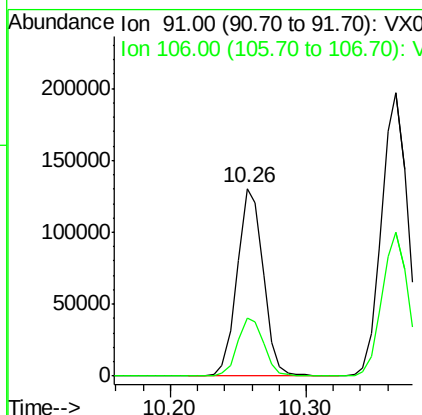
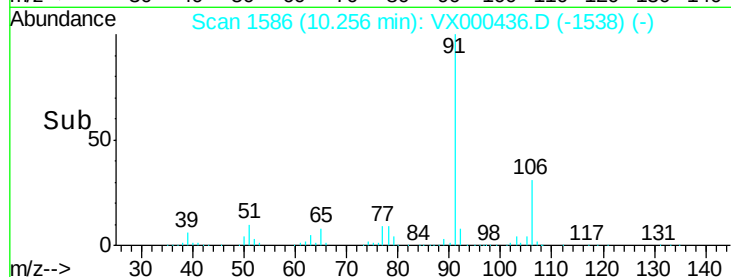
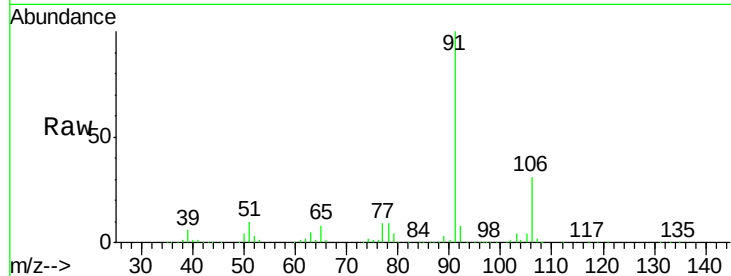
#67
Ethyl Benzene
Concen: 21.21 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampled :
VX0326WBS01

Tot Ion: 91 Resp: 175483
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6

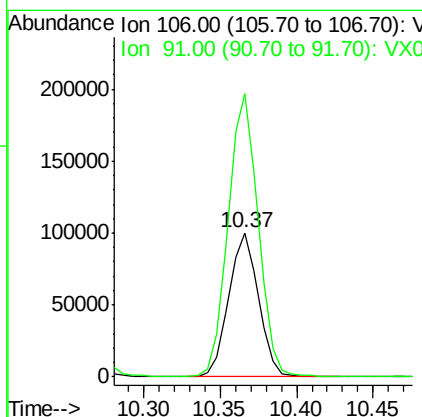
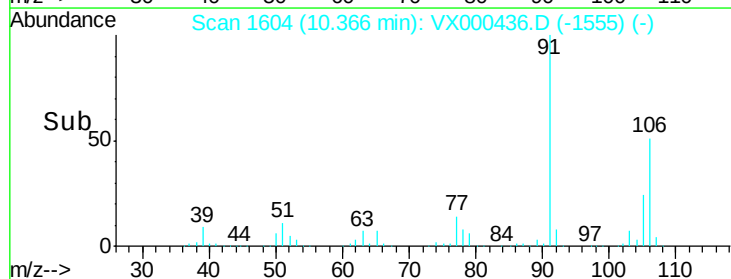
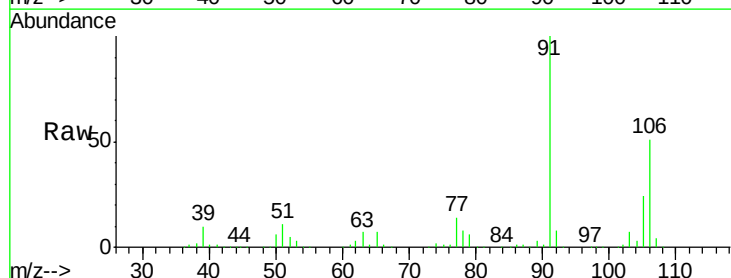
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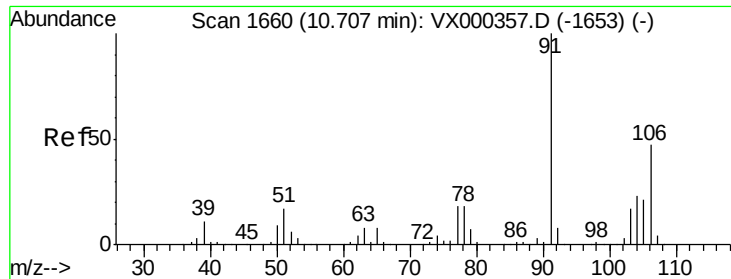
sam
3/27/2018 5:23:55 PM



#68
m/p-Xylenes
Concen: 41.34 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion: 106 Resp: 134582
Ion Ratio Lower Upper
106 100
91 198.7 163.4 245.2





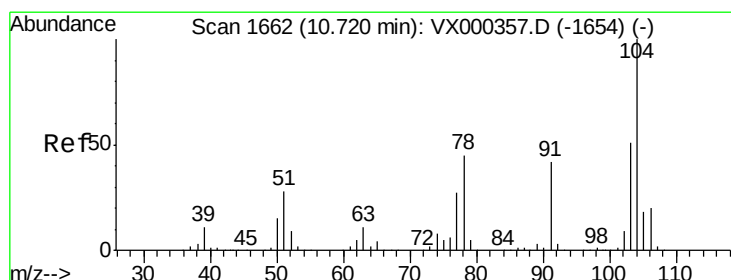
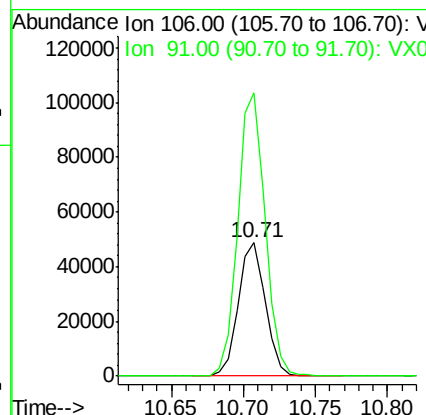
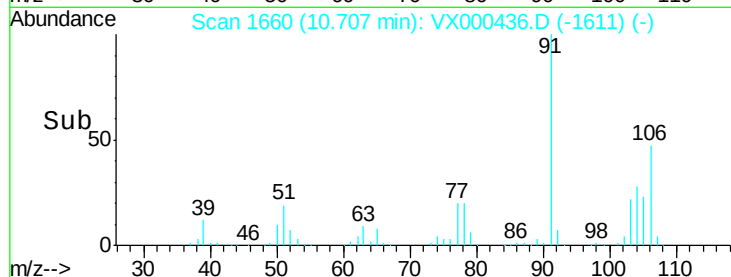
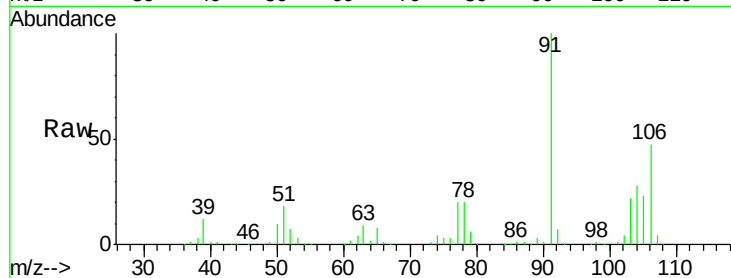
#69
o-Xylene
Concen: 20.38 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampled :
VX0326WBS01

Tot Ion:106 Resp: 64229
Ion Ratio Lower Upper
106 100
91 214.9 106.5 319.6

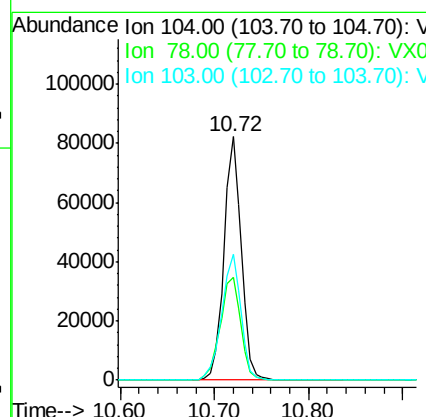
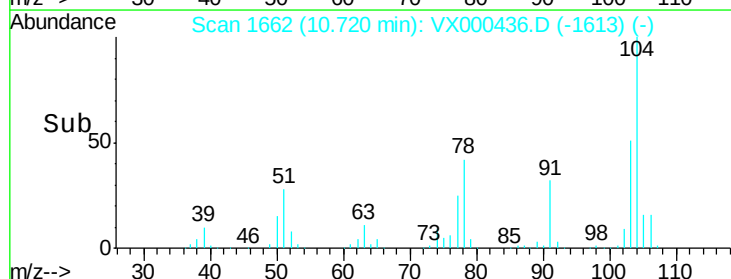
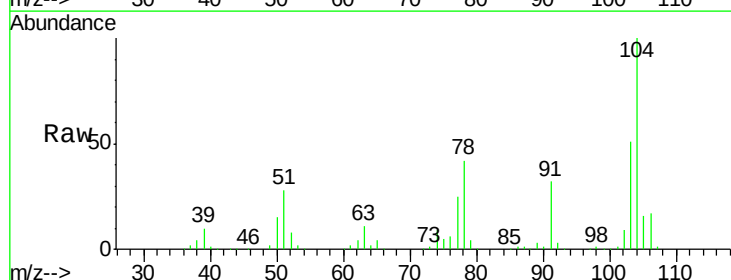
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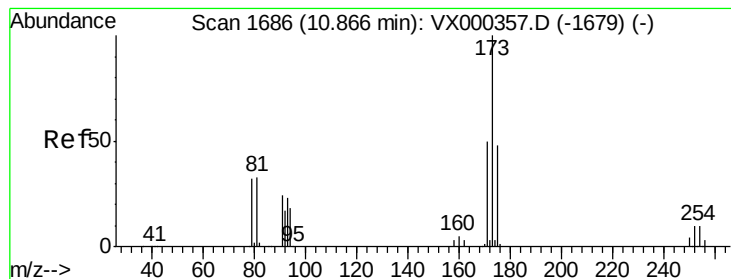
sam
3/27/2018 5:23:55 PM



#70
Styrene
Concen: 20.09 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion:104 Resp: 104793
Ion Ratio Lower Upper
104 100
78 50.2 40.5 60.7
103 57.6 45.7 68.5





#71

Bromoform

Concen: 19.86 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

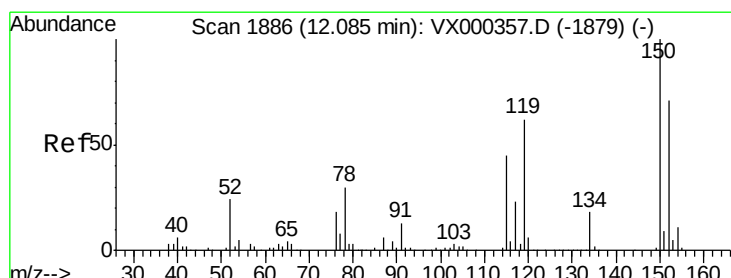
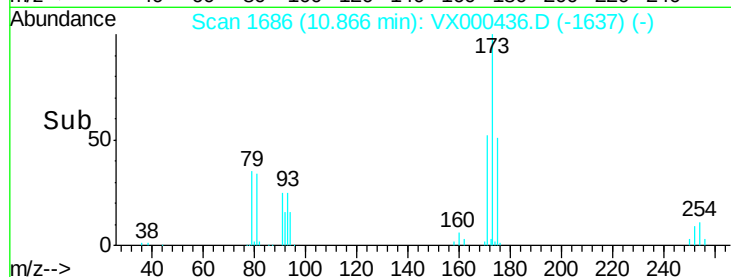
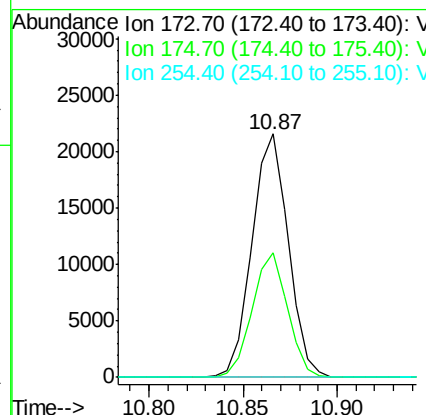
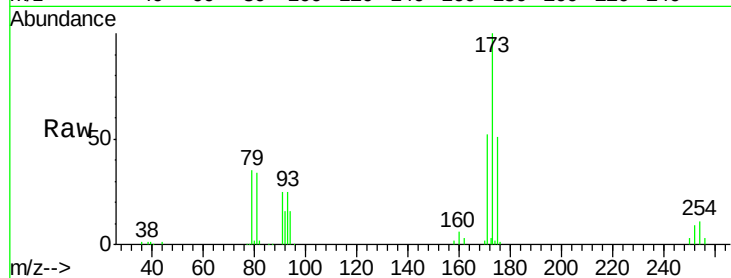
ClientSampleId :

VX0326WBS01

Tot Ion:	173	Resp:	28819
Ion Ratio	Lower	Upper	
173	100		
175	49.8	25.4	76.4
254	0.0	0.0	0.0

Manual Integrations
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sam
3/27/2018 5:23:55 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

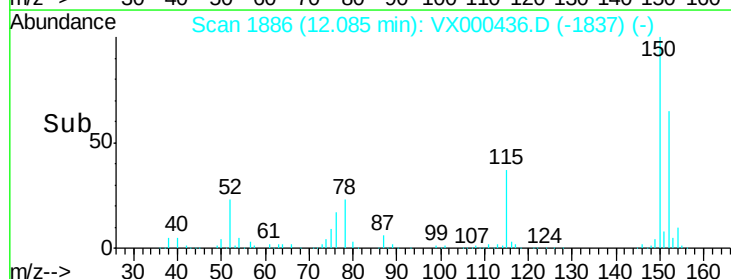
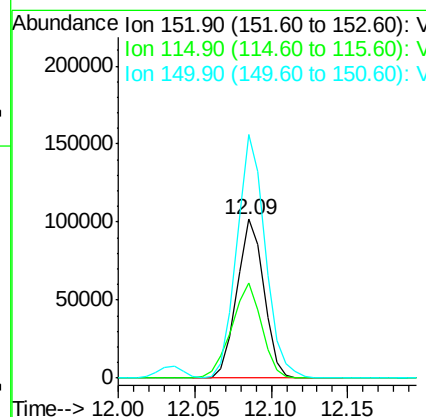
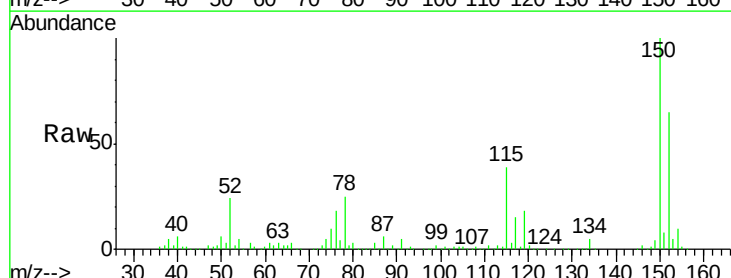
RT: 12.09 min Scan# 1886

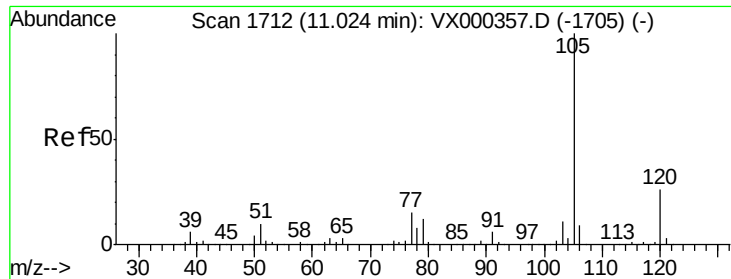
Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Tgt Ion:	152	Resp:	124464
Ion Ratio	Lower	Upper	
152	100		
115	66.7	39.8	119.3
150	161.8	0.0	344.4





#73

Isopropylbenzene

Concen: 21.35 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampled :

VX0326WBS01

Tot Ion:105 Resp: 176075

Ion Ratio Lower Upper

105 100

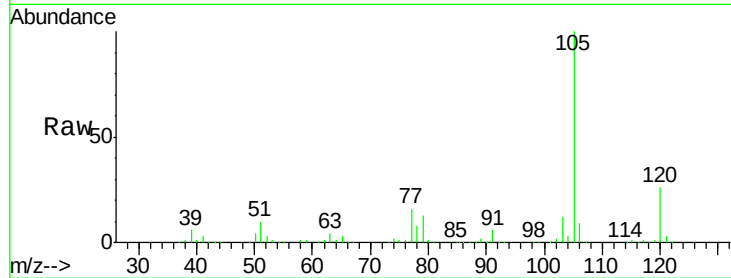
120 25.9 13.6 40.7

Manual Integrations

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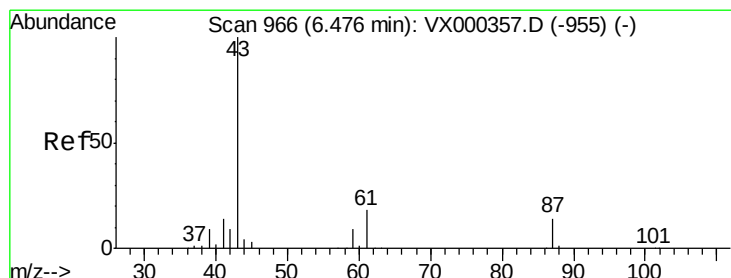
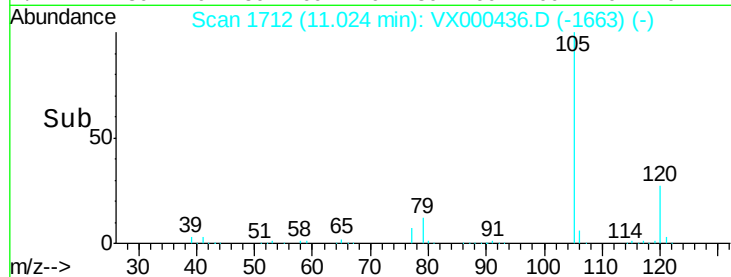
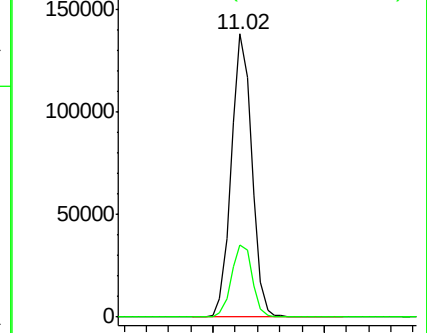
sam

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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: 22.38 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Tgt Ion: 43 Resp: 86973

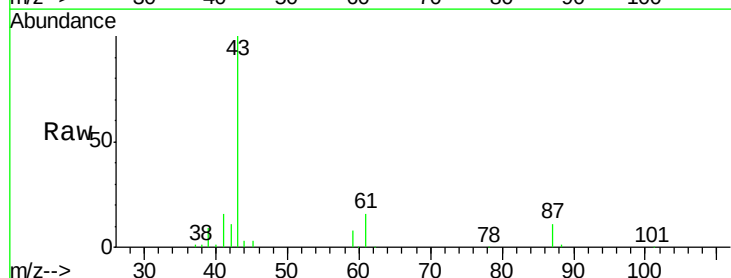
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.4 14.4 21.6

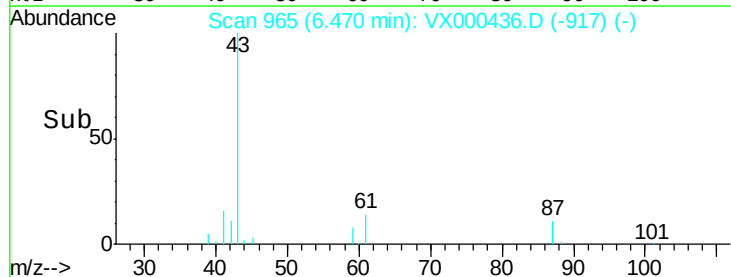
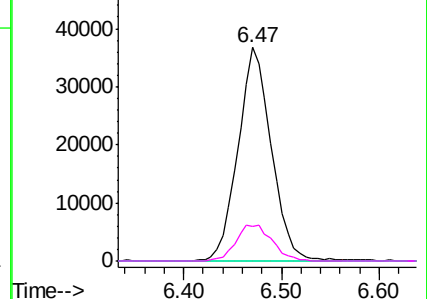


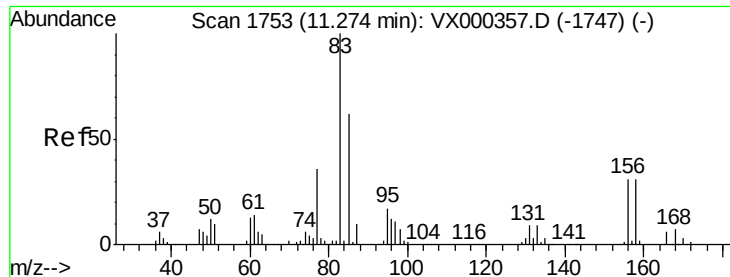
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.33 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0326WBS01

Tot Ion: 83 Resp: 65120

Ion Ratio Lower Upper

83 100

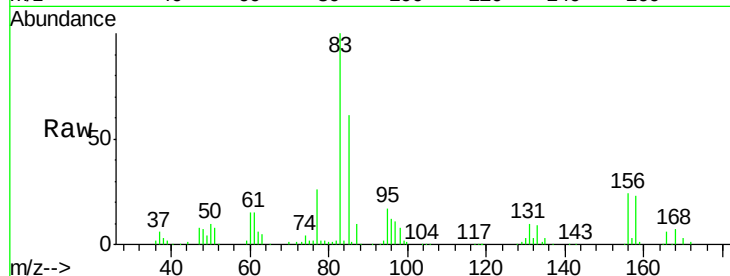
131 9.9 5.0 14.9

85 64.5 32.5 97.5

Manual Integrations
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sam

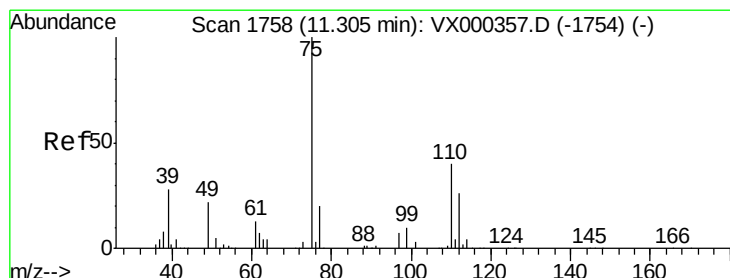
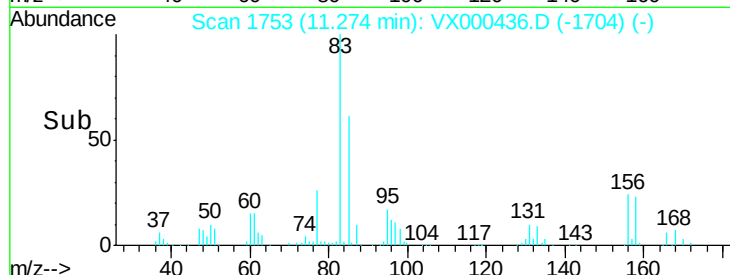
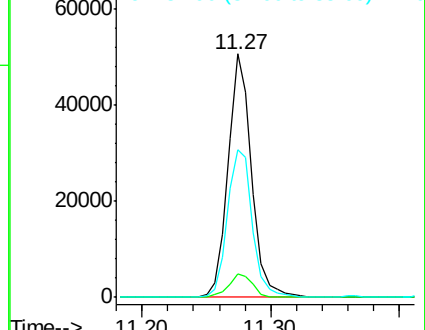
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.03 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000436.D

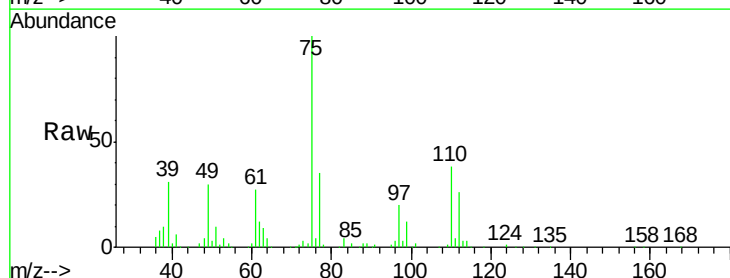
Acq: 26 Mar 2018 13:05

Tgt Ion: 75 Resp: 61595

Ion Ratio Lower Upper

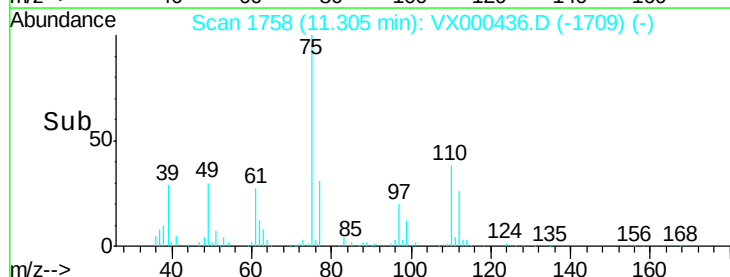
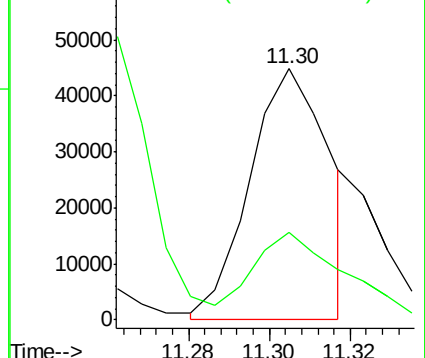
75 100

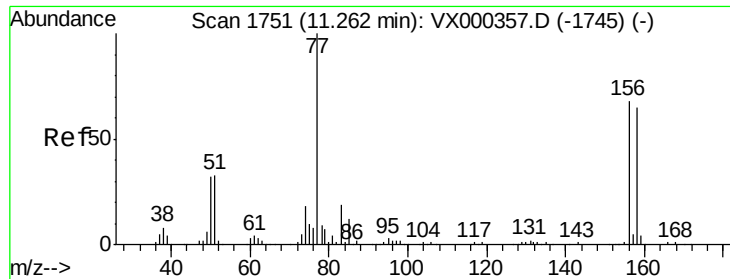
77 40.2 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.22 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampled :

VX0326WBS01

Tot Ion:156 Resp: 44412

Ion Ratio Lower Upper

156 100

77 148.2 73.4 220.2

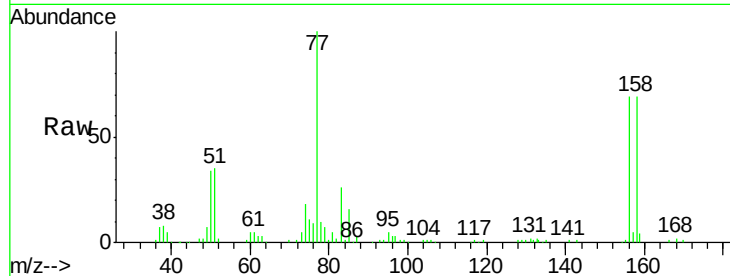
158 98.2 48.5 145.6

Manual Integrations

APPROVED

sam

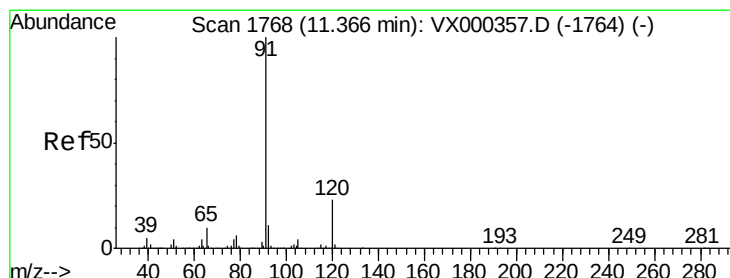
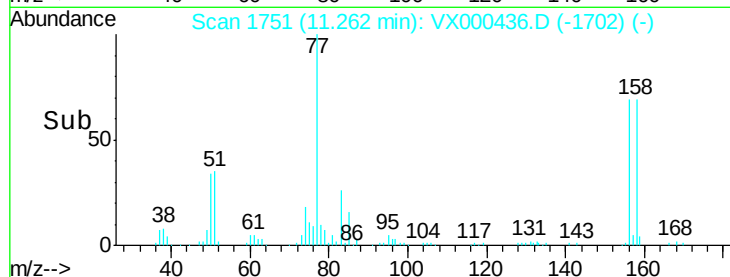
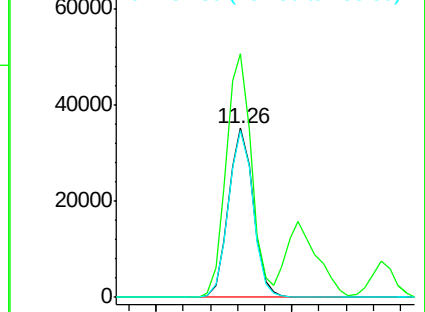
3/27/2018 5:23:55 PM



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: 21.51 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000436.D

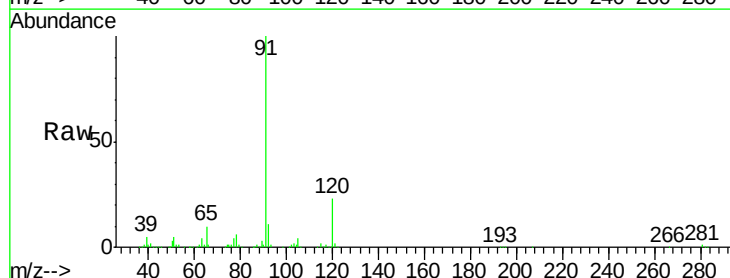
Acq: 26 Mar 2018 13:05

Tgt Ion: 91 Resp: 211467

Ion Ratio Lower Upper

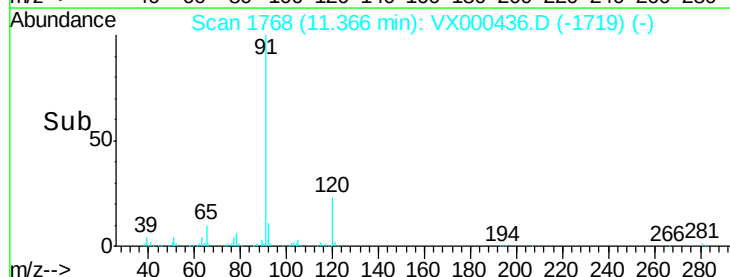
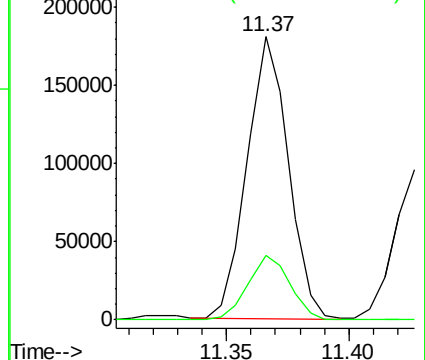
91 100

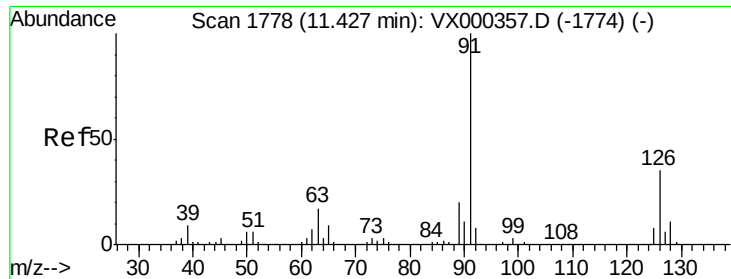
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.24 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampled :

VX0326WBS01

Tot Ion: 91 Resp: 120645

Ion Ratio Lower Upper

91 100

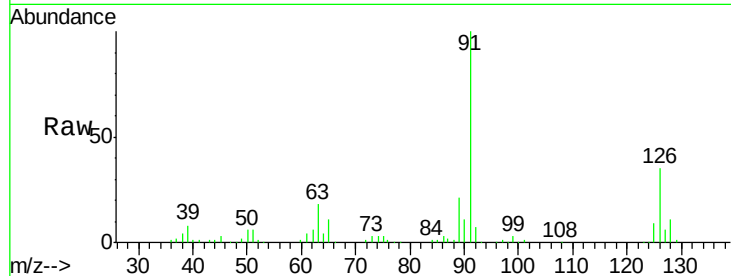
126 35.6 17.7 53.1

Manual Integrations

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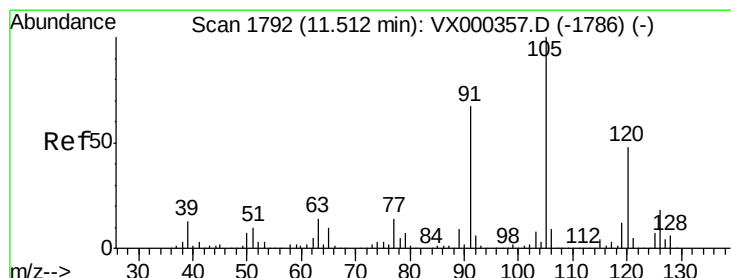
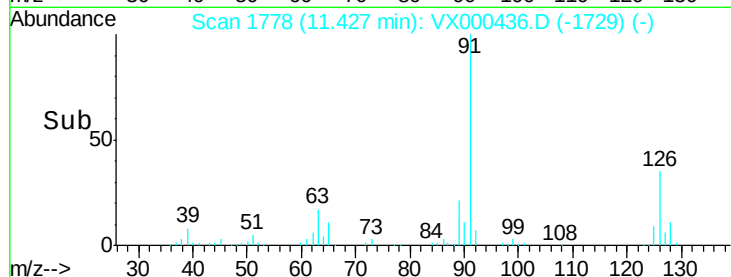
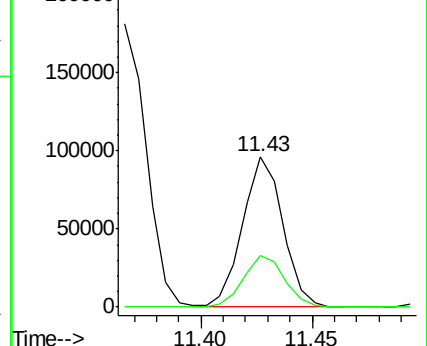
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.42 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000436.D

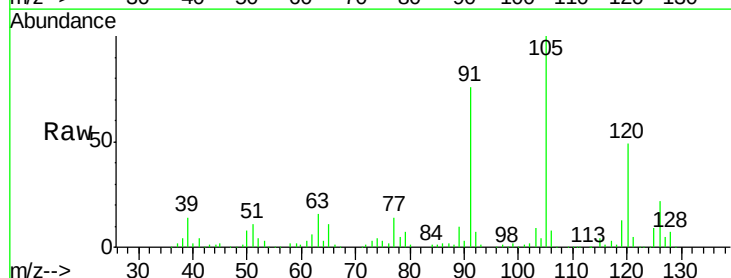
Acq: 26 Mar 2018 13:05

Tgt Ion:105 Resp: 148521

Ion Ratio Lower Upper

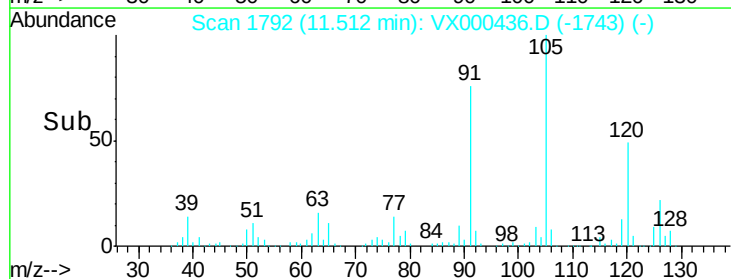
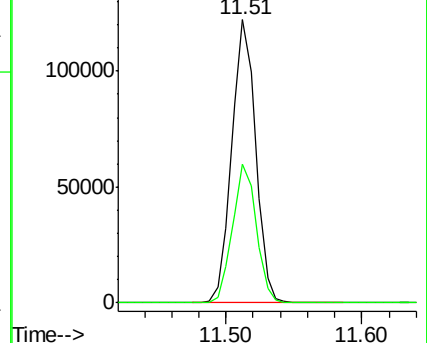
105 100

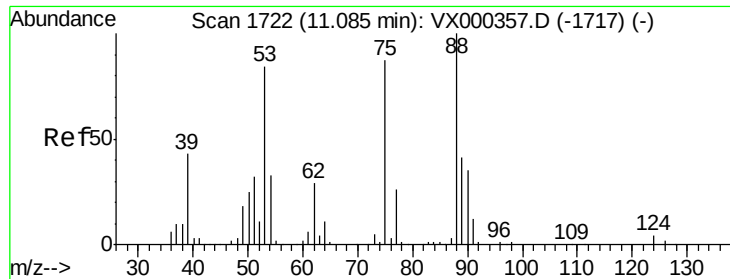
120 48.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





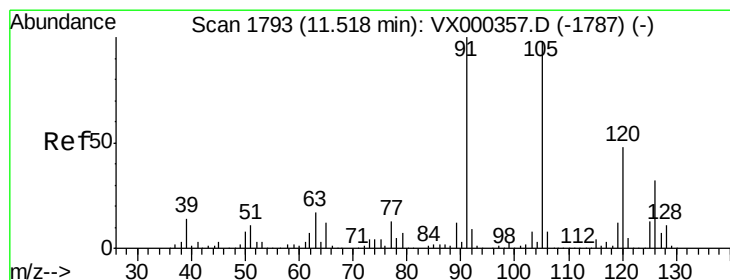
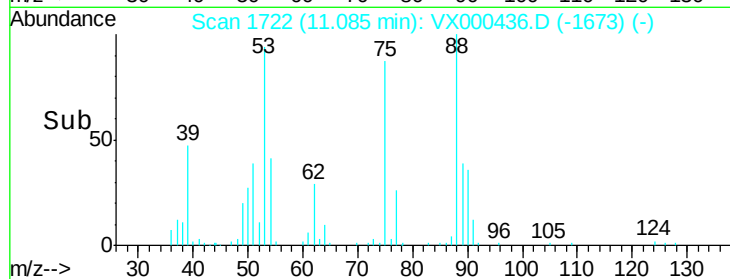
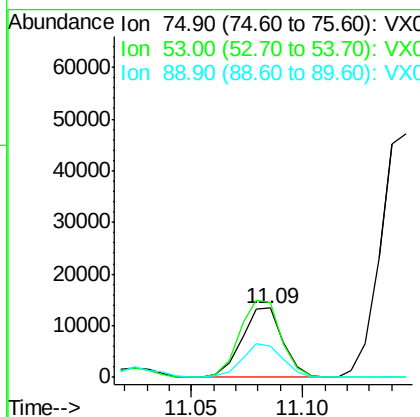
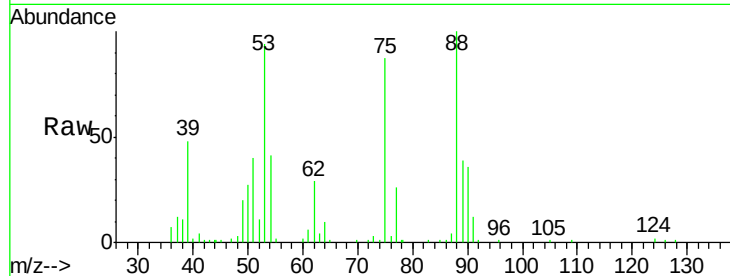
#81
trans-1,4-Dichloro-2-butene
Concen: 20.87 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampled :
VX0326WBS01

Tot Ion: 75 Resp: 17242
Ion Ratio Lower Upper
75 100
53 112.5 80.7 121.1
89 48.0 39.4 59.0

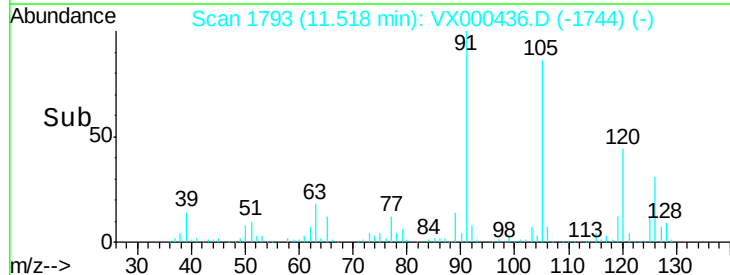
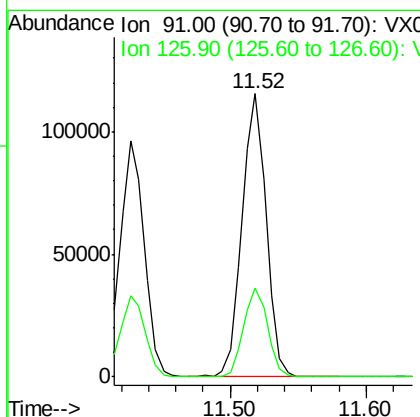
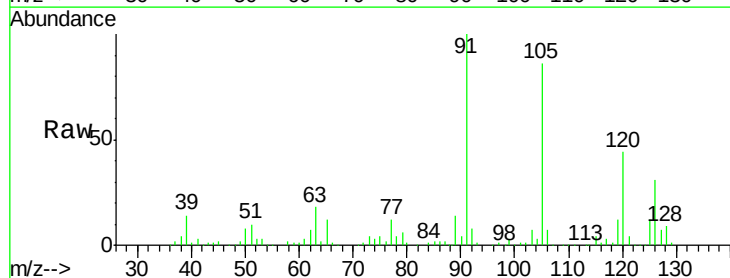
Manual Integrations
APPROVED

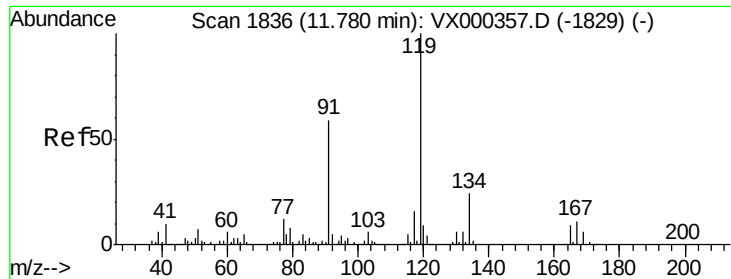
sam
3/27/2018 5:23:55 PM



#82
4-Chlorotoluene
Concen: 21.16 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion: 91 Resp: 143508
Ion Ratio Lower Upper
91 100
126 31.4 15.4 46.1





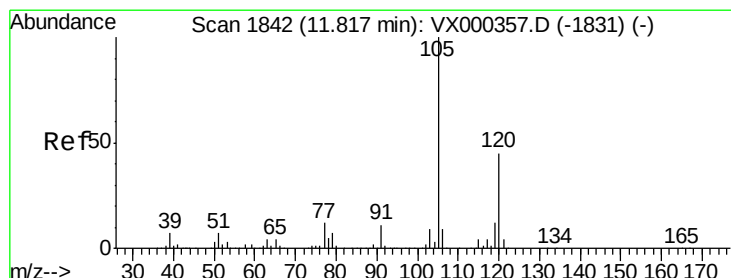
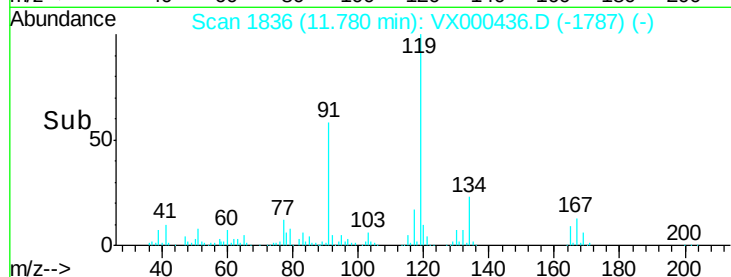
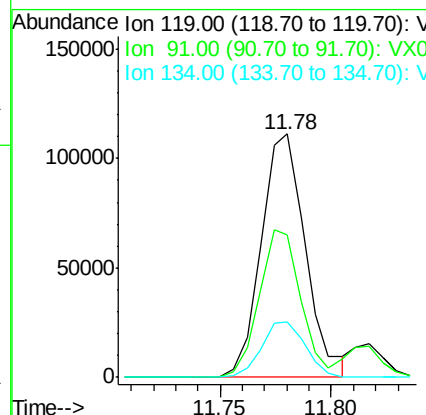
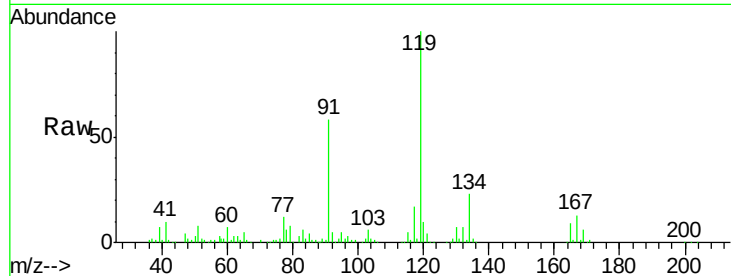
#83
 tert-Butylbenzene
 Concen: 21.94 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Instrument :
 MSVOA_X
 ClientSampled :
 VX0326WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	153462		
91	56.9		28.8	86.4
134	22.5		11.4	34.1

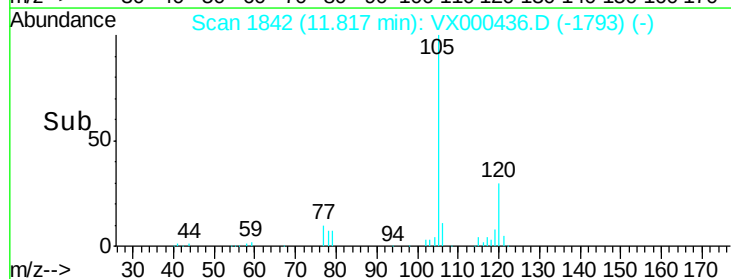
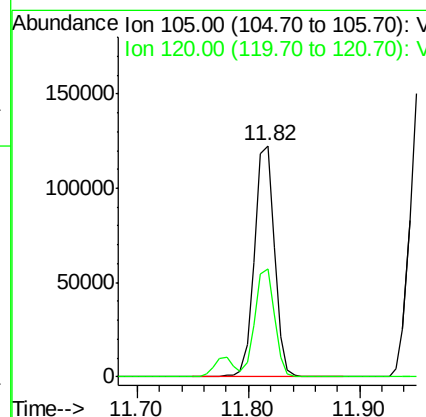
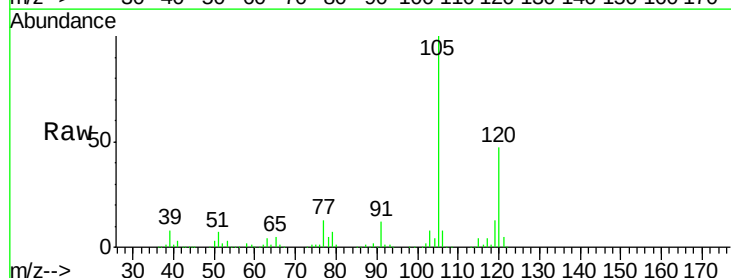
Manual Integrations
 APPROVED

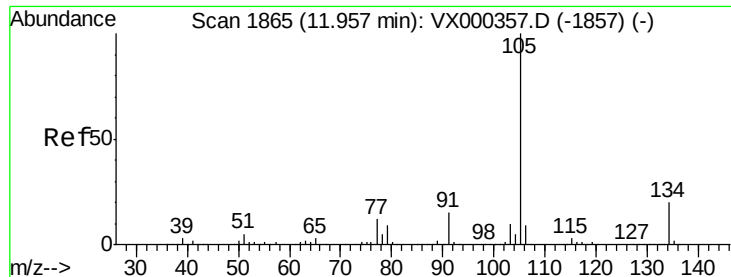
sam
 3/27/2018 5:23:55 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.13 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	153583		
120	45.8		22.4	67.3





#85

sec-Butylbenzene

Concen: 21.77 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

Instrument :

MSVOA_X

ClientSampled :

VX0326WBS01

Tot Ion:105 Resp: 188354

Ion Ratio Lower Upper

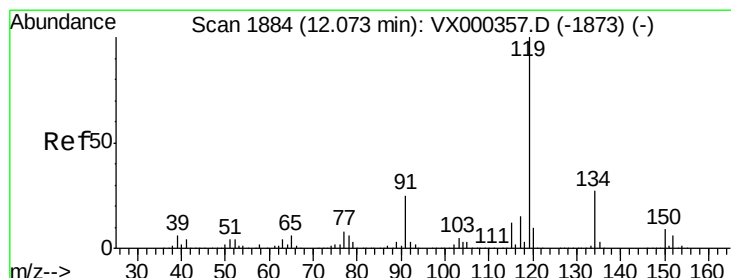
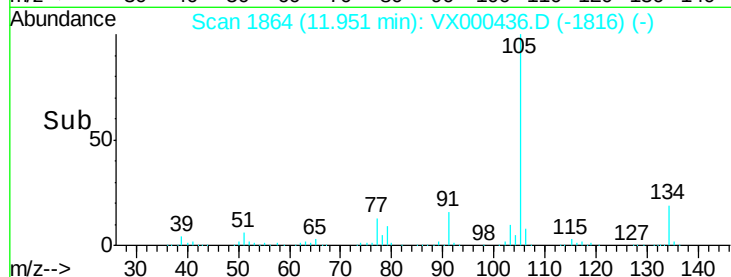
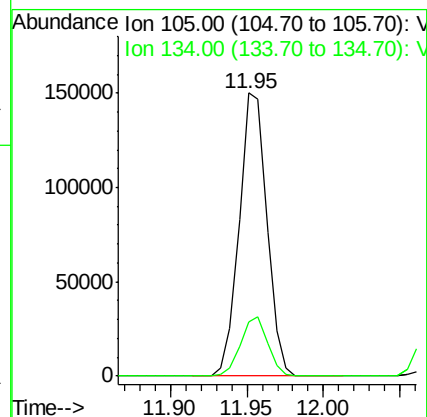
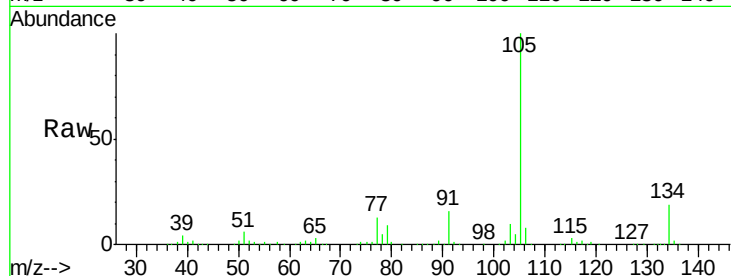
105 100

134 20.3 10.3 30.8

Manual Integrations
APPROVED

sam

3/27/2018 5:23:55 PM



#86

p-Isopropyltoluene

Concen: 21.52 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000436.D

Acq: 26 Mar 2018 13:05

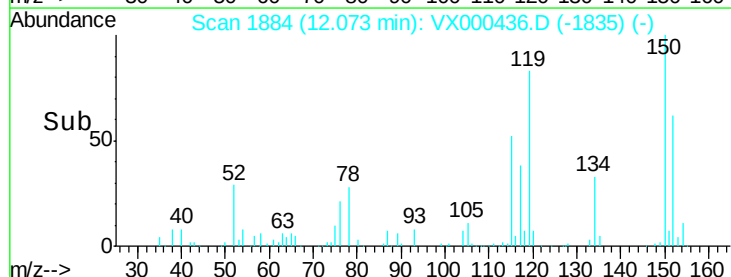
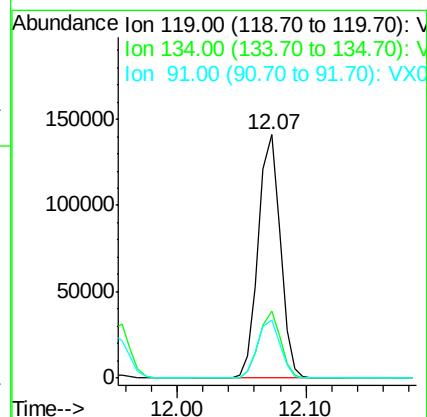
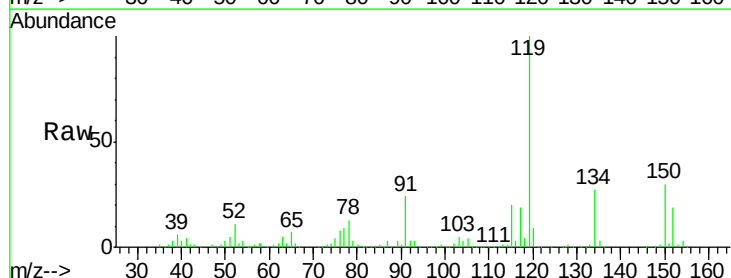
Tgt Ion:119 Resp: 165413

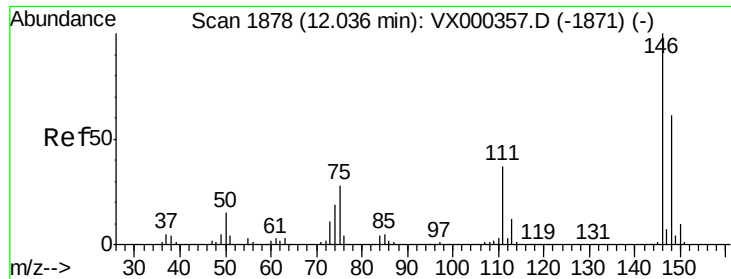
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

91 24.8 12.0 36.1





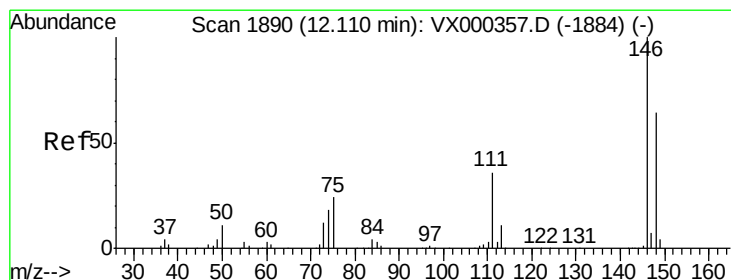
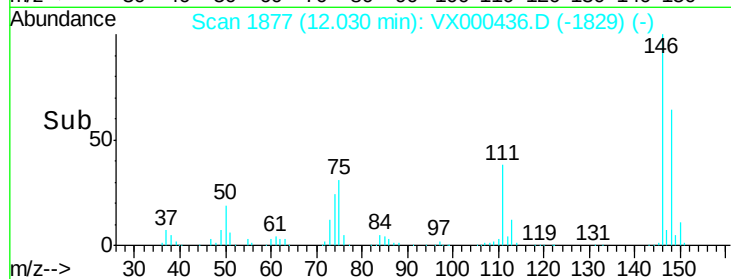
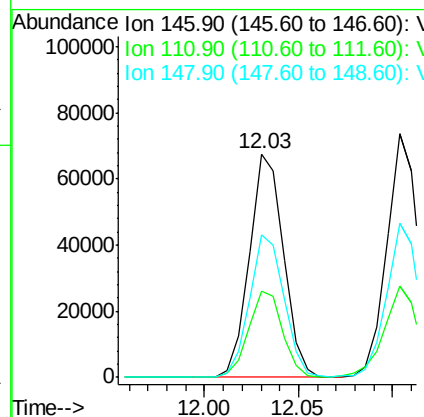
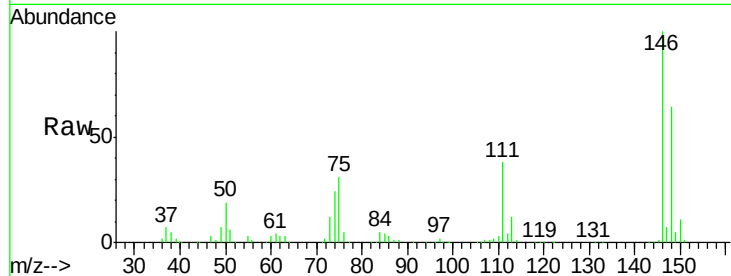
#87
 1,3-Dichlorobenzene
 Concen: 20.43 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.5	58.5
148	64.2	32.4	97.0

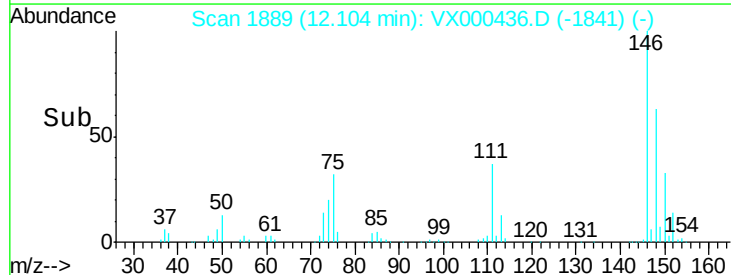
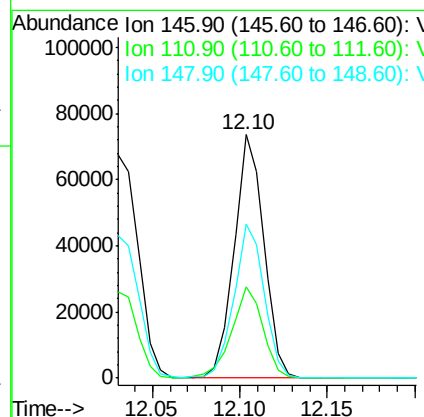
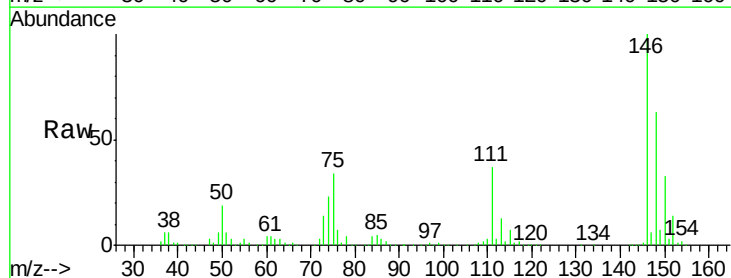
Manual Integrations
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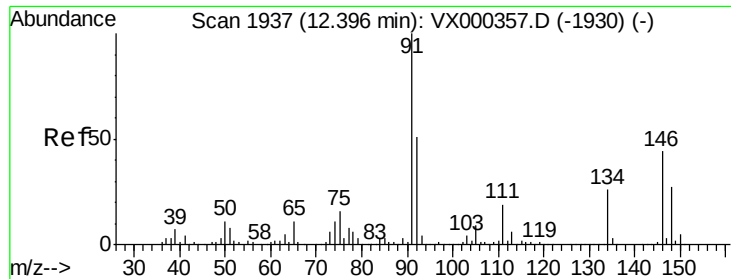
sam
 3/27/2018 5:23:55 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.96 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	18.9	56.9
148	64.6	31.0	93.0





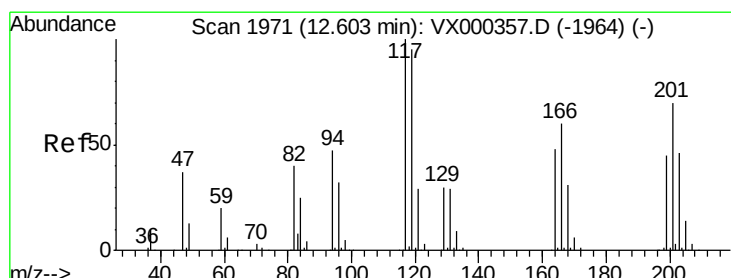
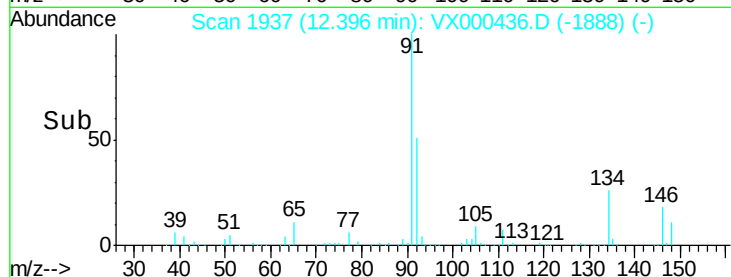
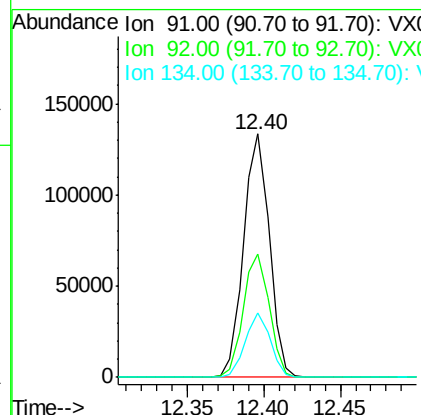
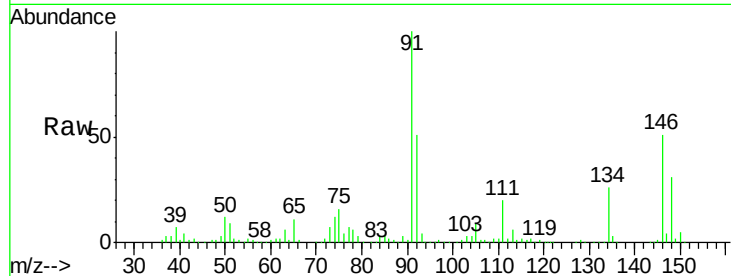
#89
n-Butylbenzene
Concen: 21.78 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampled :
VX0326WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	155811		
92	51.1	25.9	77.8	
134	25.8	13.1	39.3	

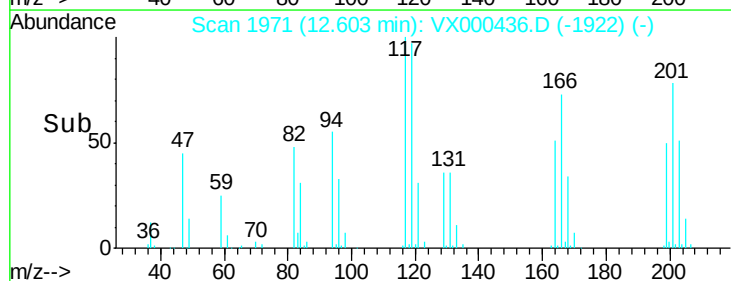
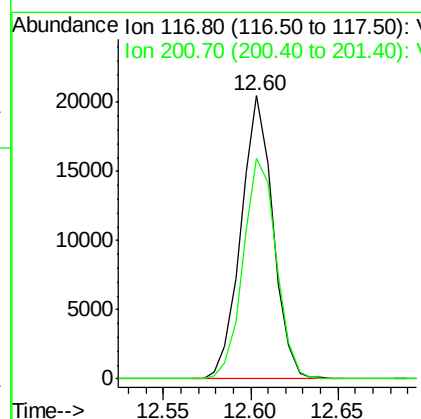
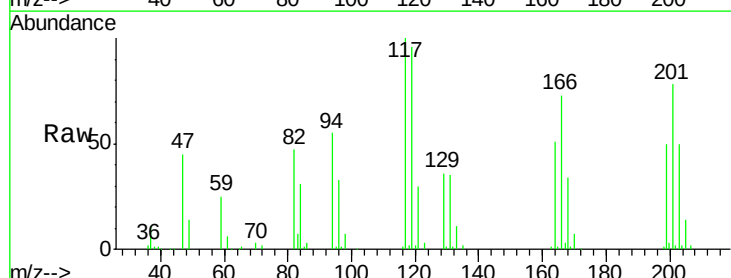
Manual Integrations
APPROVED

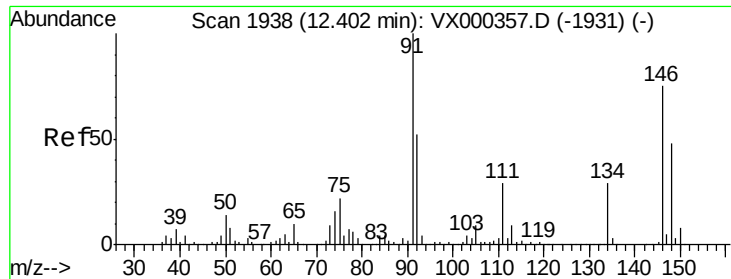
sam
3/27/2018 5:23:55 PM



#90
Hexachloroethane
Concen: 21.51 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	26017		
201	80.4	37.9	113.6	





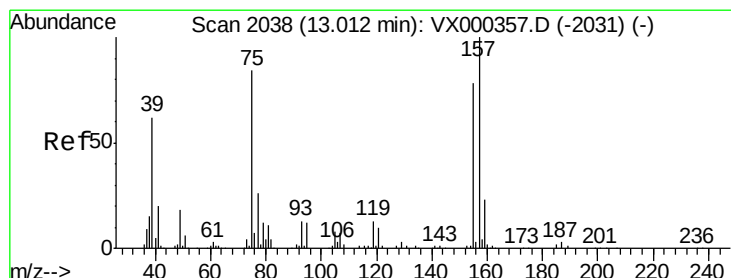
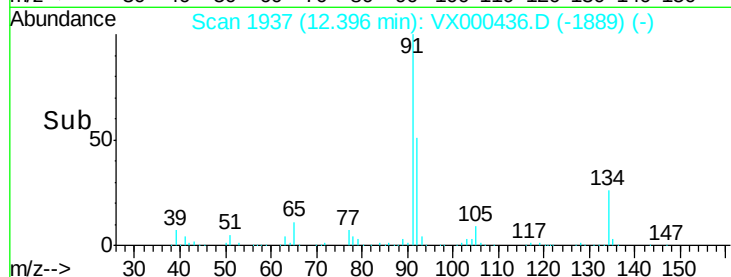
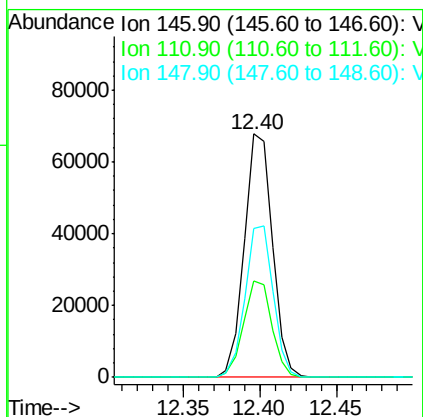
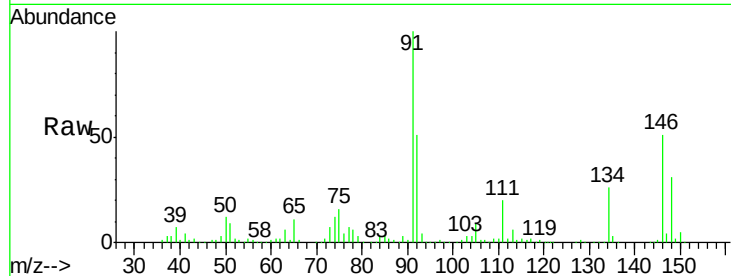
#91
 1,2-Dichlorobenzene
 Concen: 21.29 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Instrument :
 MSVOA_X
 ClientSampled :
 VX0326WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.2
148	62.2	31.2	93.6

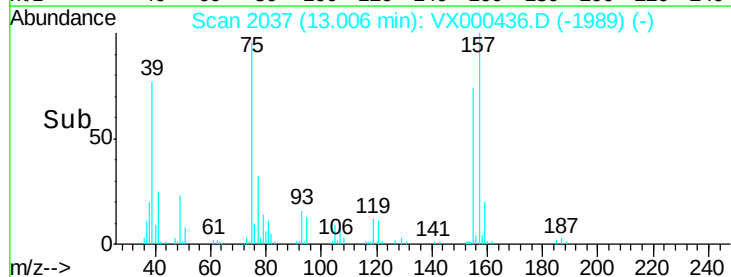
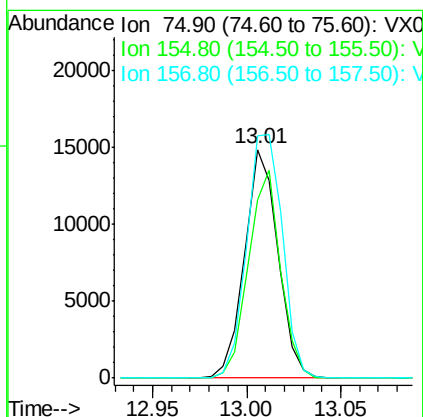
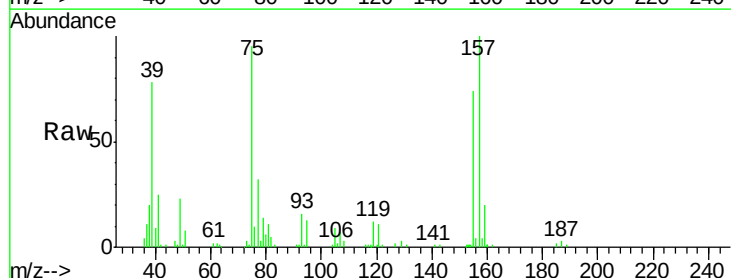
Manual Integrations
 APPROVED

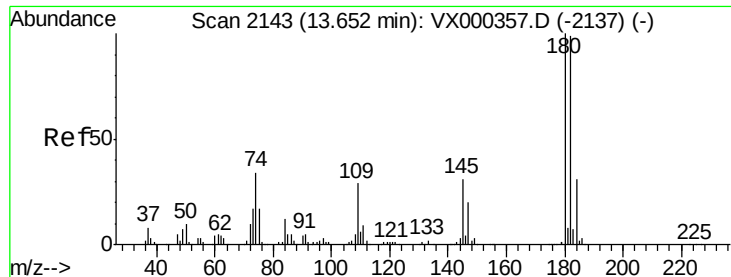
sam
 3/27/2018 5:23:55 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.52 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.0	45.0	134.8
157	113.6	58.1	174.2





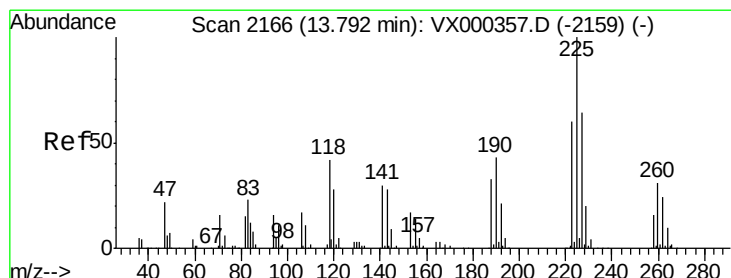
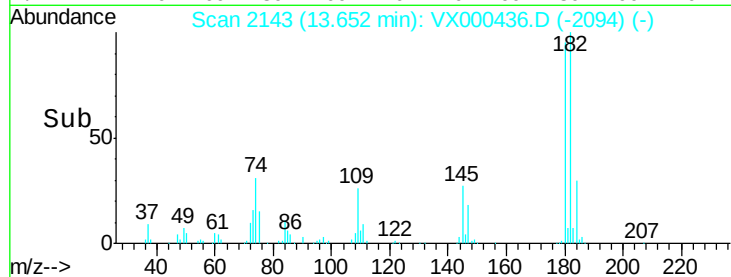
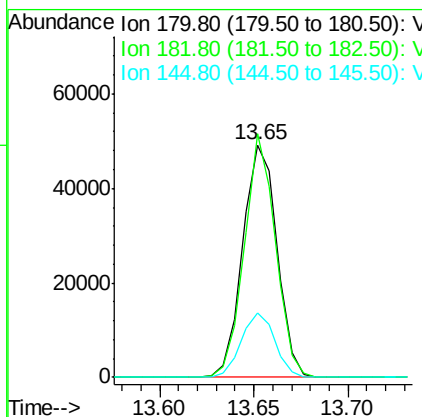
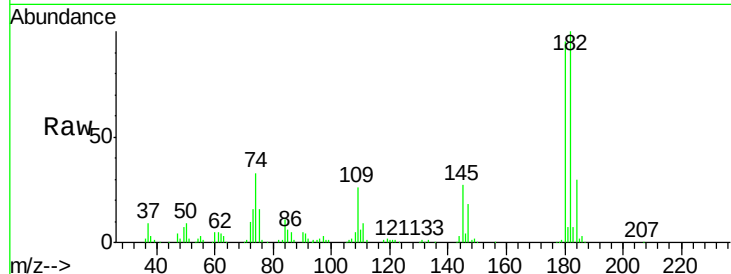
#93
 1,2,4-Trichlorobenzene
 Concen: 21.21 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.9
145	27.5	15.1	45.3

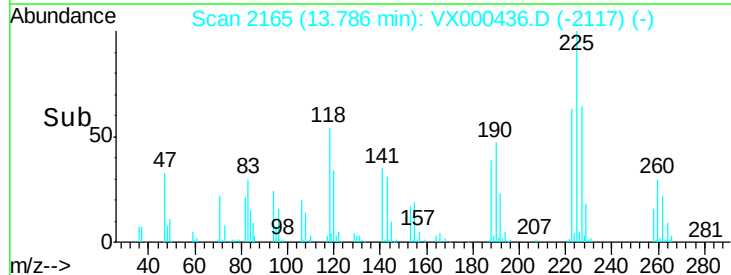
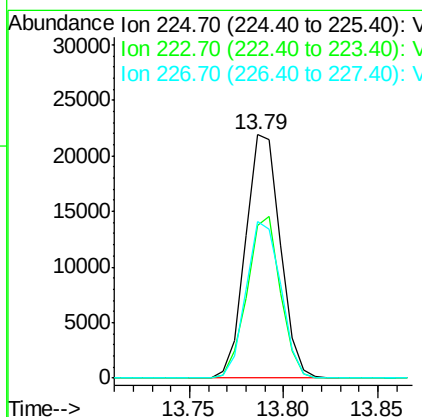
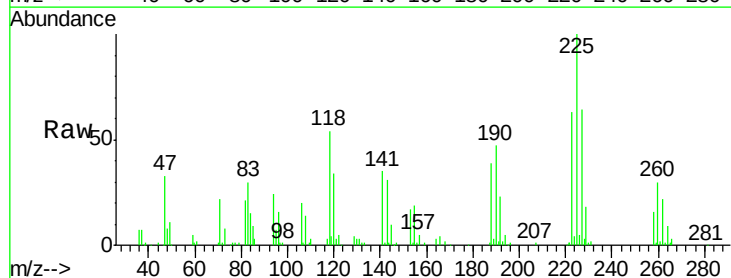
Manual Integrations
 APPROVED

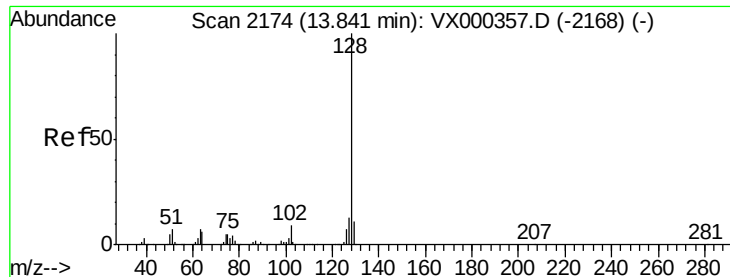
sam
 3/27/2018 5:23:55 PM



#94
 Hexachlorobutadiene
 Concen: 23.20 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: VX000436.D
 Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.0	96.0
227	64.2	32.6	98.0





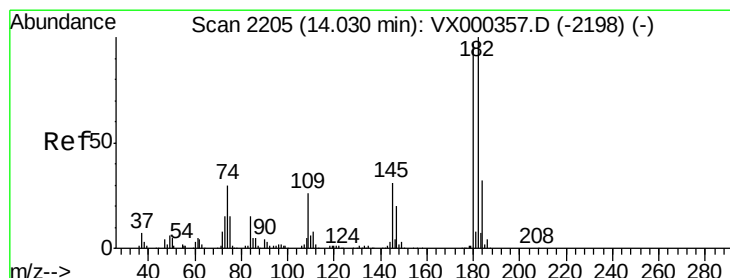
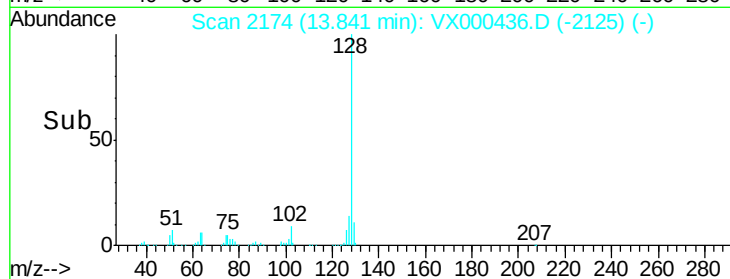
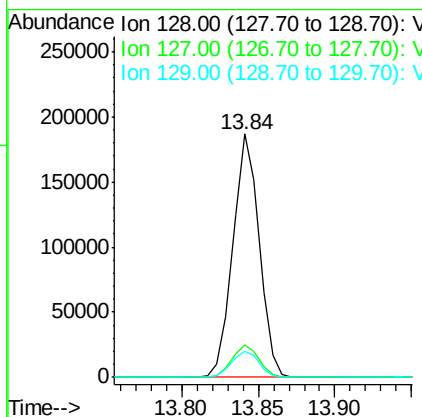
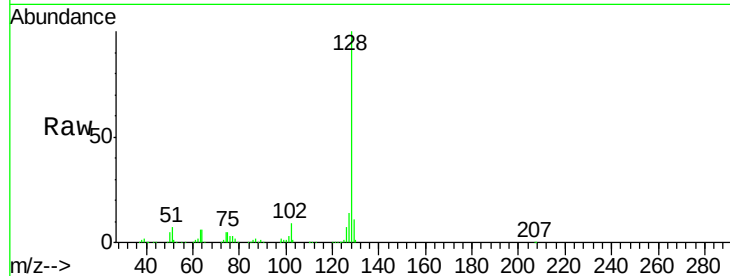
#95
Naphthalene
Concen: 21.84 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Instrument :
MSVOA_X
ClientSampled :
VX0326WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	15.8
129	11.1	8.9	13.3

Manual Integrations
APPROVED

sam
3/27/2018 5:23:55 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.02 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000436.D
Acq: 26 Mar 2018 13:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.3
145	30.0	15.8	47.3

