

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000534.D
 Acq On : 30 Mar 2018 01:20
 Operator : JC/MD
 Sample : VX0329WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD02

Manual Integrations
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 3/30/2018 4:10:35 PM

Quant Time: Mar 30 08:07:37 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	120356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	198480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	204331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	122215	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	79463	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
35) Dibromofluoromethane	5.51	113	62045	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
50) Toluene-d8	8.73	98	247731	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	11.15	95	95394	44.38	ug/l	0.00
Spiked Amount			Recovery	=	88.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	24451	18.43	ug/l	96
3) Chloromethane	1.32	50	24853	17.79	ug/l	97
4) Vinyl Chloride	1.40	62	31674	21.45	ug/l	98
5) Bromomethane	1.64	94	34730	19.67	ug/l	98
6) Chloroethane	1.73	64	23711	28.36	ug/l	95
7) Trichlorofluoromethane	1.93	101	60081	22.54	ug/l	99
8) Diethyl Ether	2.20	74	21680	22.76	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31819	21.41	ug/l	98
10) Methyl Iodide	2.51	142	23684	18.99	ug/l	99
11) Tert butyl alcohol	3.08	59	77916	144.18	ug/l	97
12) 1,1-Dichloroethene	2.37	96	29604	22.69	ug/l	97
13) Acrolein	2.30	56	17851	112.00	ug/l	99
14) Allyl chloride	2.73	41	54270	23.50	ug/l	98
15) Acrylonitrile	3.15	53	135638	123.92	ug/l	98
16) Acetone	2.45	43	139042	106.39	ug/l	100
17) Carbon Disulfide	2.57	76	69164	19.94	ug/l	99
18) Methyl Acetate	2.79	43	73147	26.70	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	109158	22.62	ug/l	97
20) Methylene Chloride	2.86	84	32662	21.64	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	31503	21.65	ug/l	95
22) Diisopropyl ether	3.89	45	74427	18.25	ug/l	94
23) Vinyl Acetate	3.84	43	331730	85.81	ug/l	98
24) 1,1-Dichloroethane	3.70	63	45396	17.71	ug/l	97
25) 2-Butanone	4.72	43	157689	107.34	ug/l	98
26) 2,2-Dichloropropane	4.59	77	30485	16.96	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	26789	19.70	ug/l	97
28) Bromochloromethane	5.03	49	19385	18.33	ug/l	95
29) Tetrahydrofuran	5.18	42	103523	114.54	ug/l	99
30) Chloroform	5.23	83	51840	21.57	ug/l	96
31) Cyclohexane	5.58	56	37564	18.95	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	44728	20.63	ug/l	98
36) 1,1-Dichloropropene	5.81	75	37024	19.91	ug/l	98
37) Ethyl Acetate	4.87	43	52962	20.85	ug/l	99
38) Carbon Tetrachloride	5.79	117	37482	19.22	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	42070	18.61	ug/l	94
40) Benzene	6.15	78	112624	20.86	ug/l	98
41) Methacrylonitrile	5.07	41	27486	20.53	ug/l	96
42) 1,2-Dichloroethane	6.21	62	43380	20.48	ug/l	97
43) Isopropyl Acetate	6.48	43	77807	20.58	ug/l	98
44) Trichloroethene	7.22	130	31584	20.42	ug/l	90
45) 1,2-Dichloropropane	7.52	63	29105	21.06	ug/l	98
46) Dibromomethane	7.67	93	22886	21.10	ug/l	97
47) Bromodichloromethane	7.91	83	39960	20.94	ug/l	97
48) Methyl methacrylate	7.79	41	38935	21.21	ug/l	98
49) 1,4-Dioxane	7.77	88	19113	495.45	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	323468	110.55	ug/l	97
52) Toluene	8.79	92	74207	19.66	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	43618	19.72	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	41847	19.51	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	31644	20.39	ug/l	97
56) Ethyl methacrylate	9.19	69	46553	19.79	ug/l	98
57) 1,3-Dichloropropane	9.38	76	52839	21.28	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	96661	85.63	ug/l	100
59) 2-Hexanone	9.51	43	272180	109.55	ug/l	99
60) Dibromochloromethane	9.59	129	32242	20.22	ug/l	98
61) 1,2-Dibromoethane	9.68	107	34319	20.62	ug/l	99
64) Tetrachloroethene	9.34	164	32574	20.54	ug/l	90
65) Chlorobenzene	10.15	112	88740	19.51	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	30001	19.43	ug/l	97
67) Ethyl Benzene	10.26	91	151282	19.63	ug/l	99
68) m/p-Xylenes	10.37	106	115649	38.13	ug/l	99
69) o-Xylene	10.71	106	56967	19.40	ug/l	100
70) Styrene	10.72	104	94762	19.50	ug/l	99
71) Bromoform	10.87	173	25566	19.14	ug/l #	97
73) Isopropylbenzene	11.02	105	159515	19.70	ug/l	98
74) N-amyl acetate	6.48	43	77807	20.07	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	58082	20.28	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	53653m	20.43	ug/l	
77) Bromobenzene	11.26	156	40329	18.70	ug/l	99
78) n-propylbenzene	11.37	91	186596	19.33	ug/l	99
79) 2-Chlorotoluene	11.43	91	107463	19.27	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	133175	19.56	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	13269	16.36	ug/l	89
82) 4-Chlorotoluene	11.52	91	132524	19.90	ug/l	100
83) tert-Butylbenzene	11.78	119	131467	19.15	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	139735	19.57	ug/l	98
85) sec-Butylbenzene	11.95	105	167379	19.70	ug/l	99
86) p-Isopropyltoluene	12.07	119	149087	19.76	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	79513	19.49	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	84023	19.62	ug/l	98
89) n-Butylbenzene	12.40	91	143411	20.41	ug/l	97
90) Hexachloroethane	12.60	117	22991	19.36	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	80288	20.08	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16699	20.91	ug/l	96

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ClientSampleId :
VX0329WBSD02

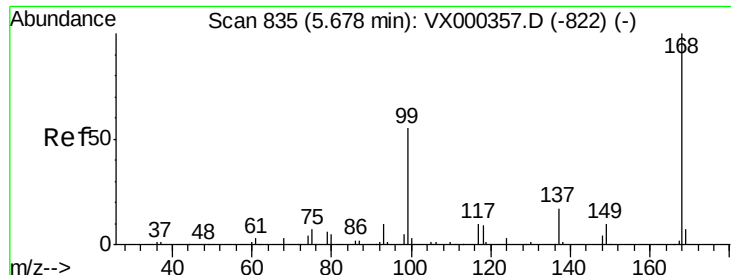
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56171	19.59	ug/l	99
94) Hexachlorobutadiene	13.79	225	23192	19.54	ug/l	98
95) Naphthalene	13.84	128	207189	20.75	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	57977	20.47	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: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD02

Tot Ion:168 Resp: 120356

Ion Ratio Lower Upper

168 100

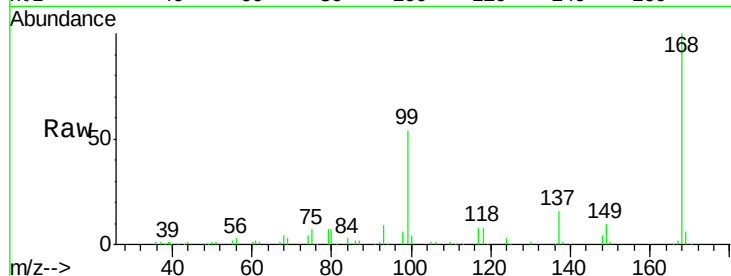
99 53.8 45.8 68.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

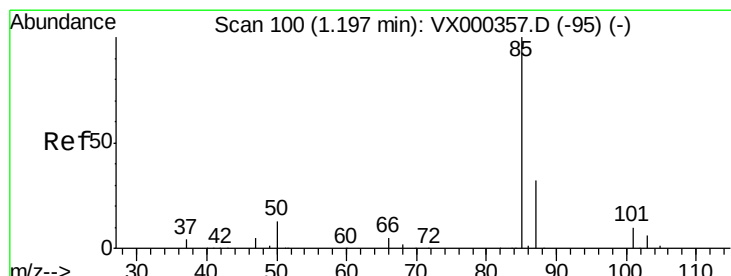
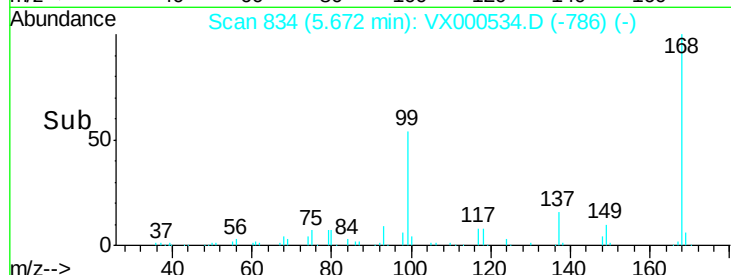
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.43 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000534.D

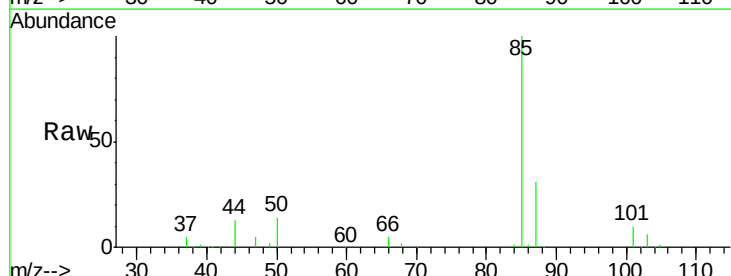
Acq: 30 Mar 2018 01:20

Tgt Ion: 85 Resp: 24451

Ion Ratio Lower Upper

85 100

87 31.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

25000

20000

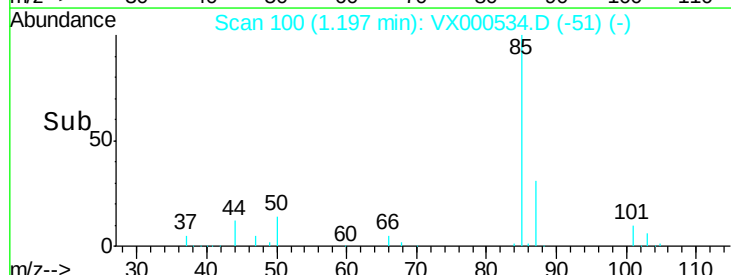
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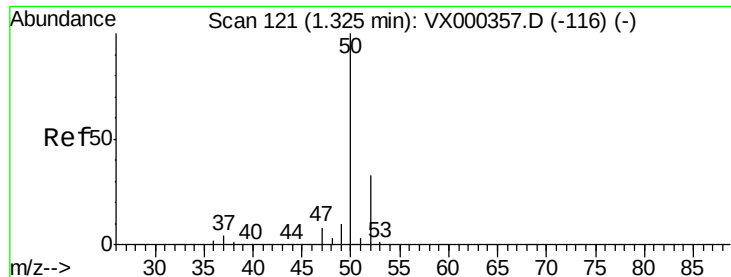
10000

5000

0

Time-->





#3

Chloromethane

Concen: 17.79 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD02

Tot Ion: 50 Resp: 24853

Ion Ratio Lower Upper

50 100

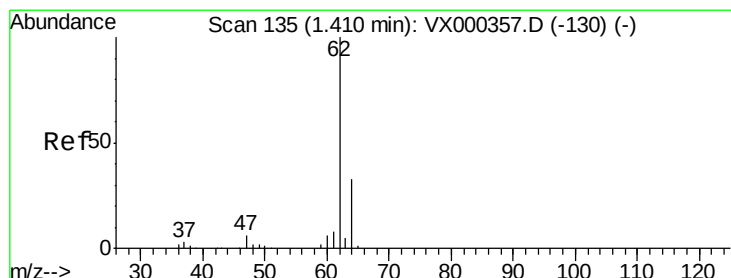
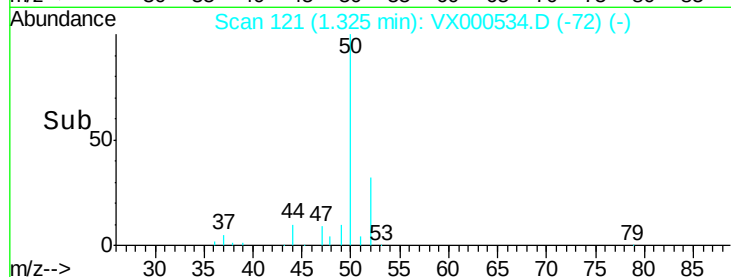
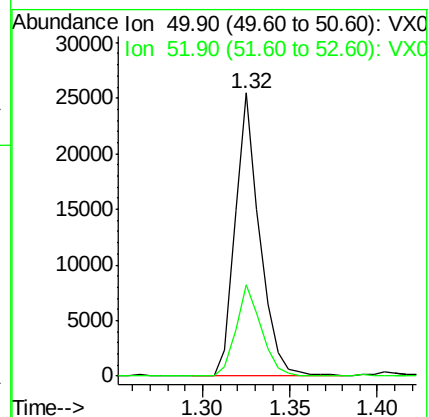
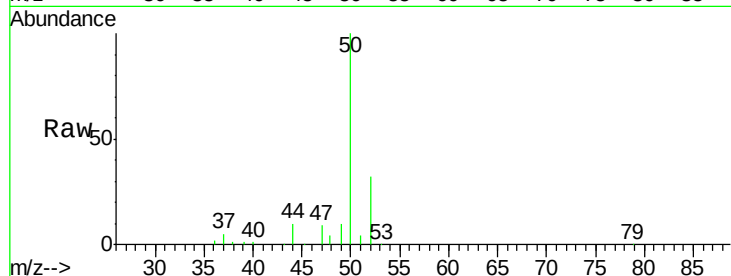
52 32.5 27.5 41.3

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#4

Vinyl Chloride

Concen: 21.45 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000534.D

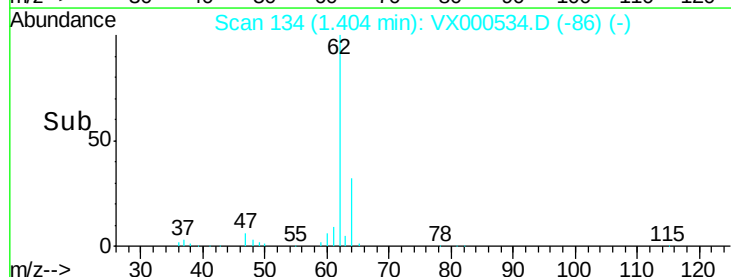
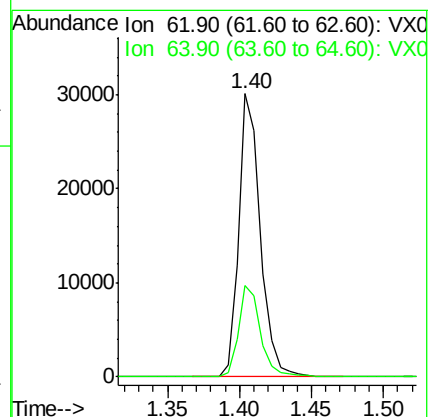
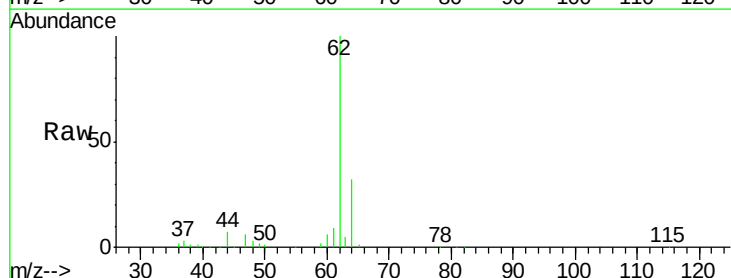
Acq: 30 Mar 2018 01:20

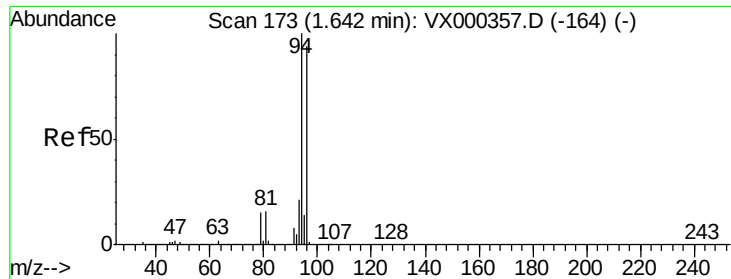
Tgt Ion: 62 Resp: 31674

Ion Ratio Lower Upper

62 100

64 32.1 24.8 37.2





#5

Bromomethane

Concen: 19.67 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD02

Tot Ion: 94 Resp: 34730

Ion Ratio Lower Upper

94 100

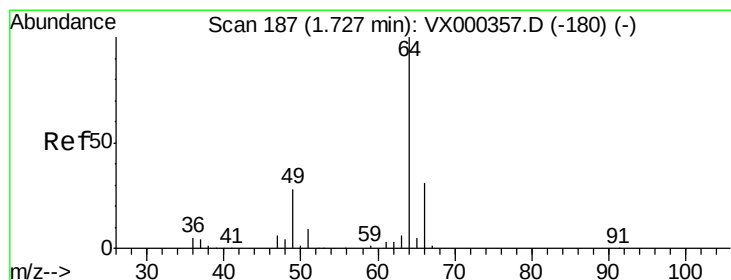
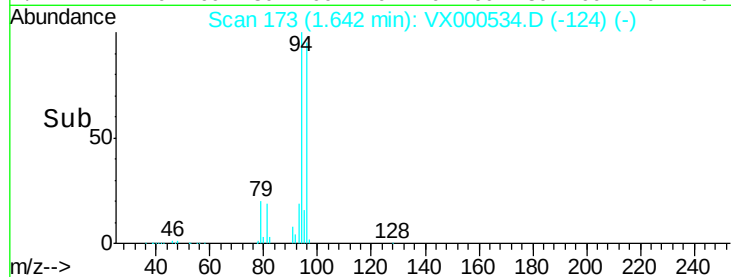
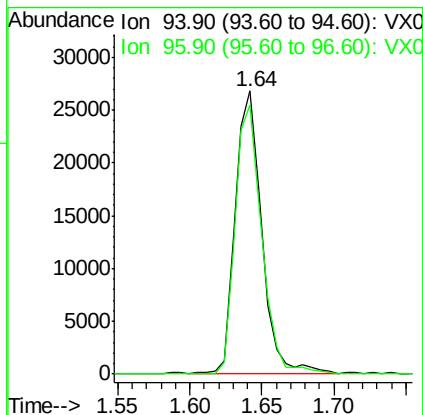
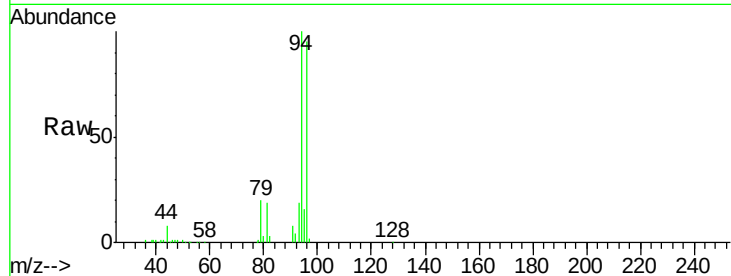
96 94.9 77.7 116.5

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#6

Chloroethane

Concen: 28.36 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000534.D

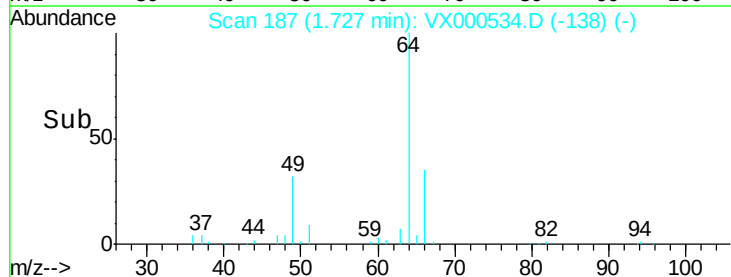
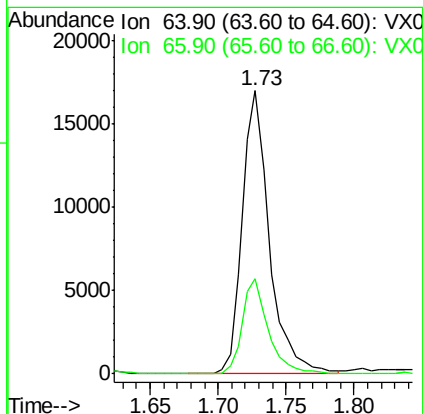
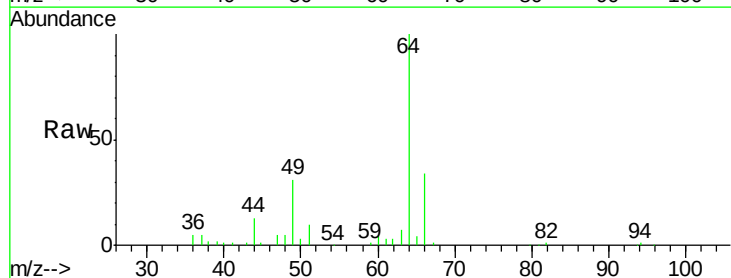
Acq: 30 Mar 2018 01:20

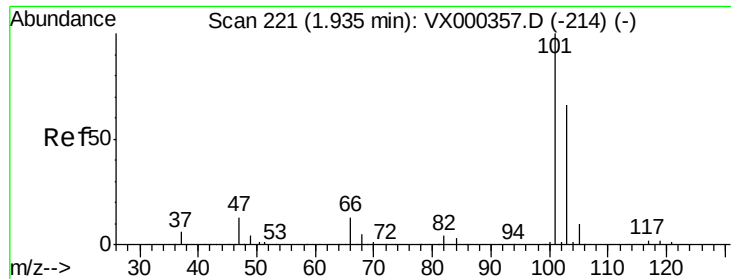
Tgt Ion: 64 Resp: 23711

Ion Ratio Lower Upper

64 100

66 33.7 24.8 37.2





#7

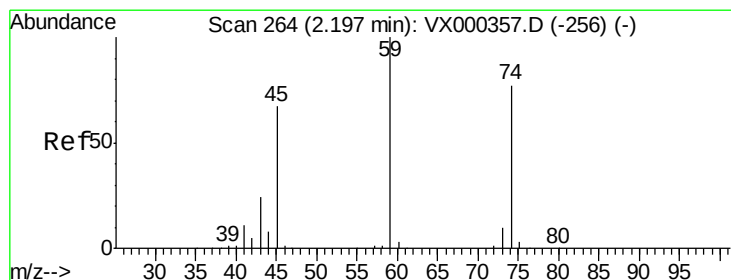
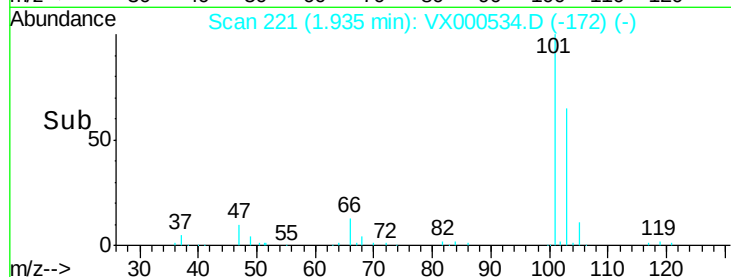
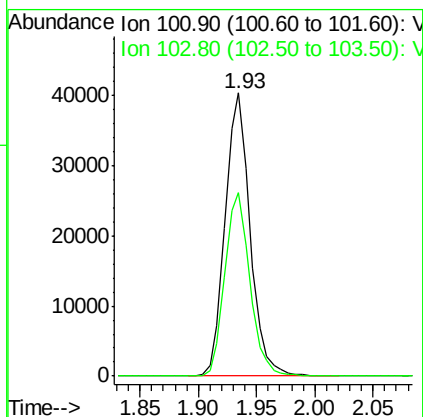
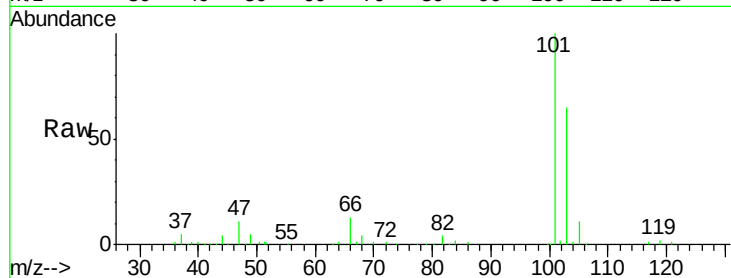
Trichlorofluoromethane
Concen: 22.54 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

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ClientSampleId :
VX0329WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.6	77.4

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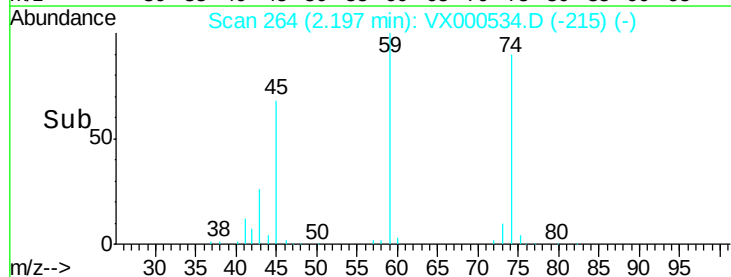
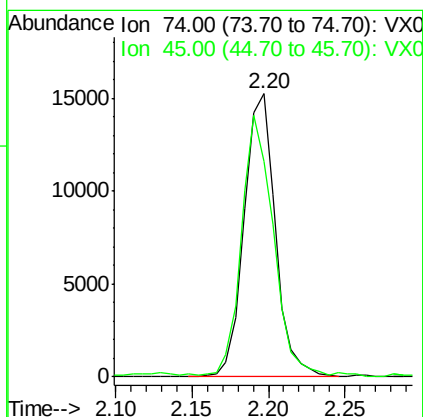
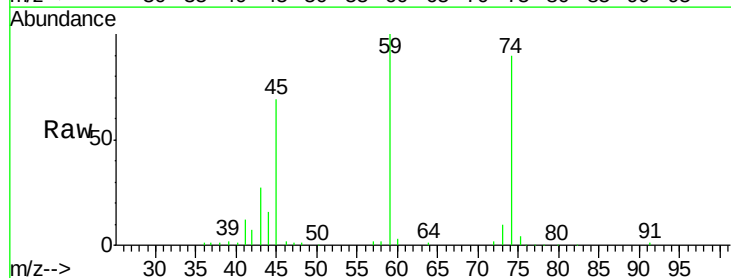
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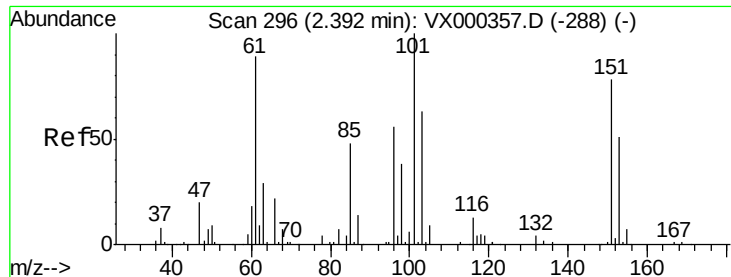


#8

Diethyl Ether
Concen: 22.76 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.2	45.1	135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.41 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

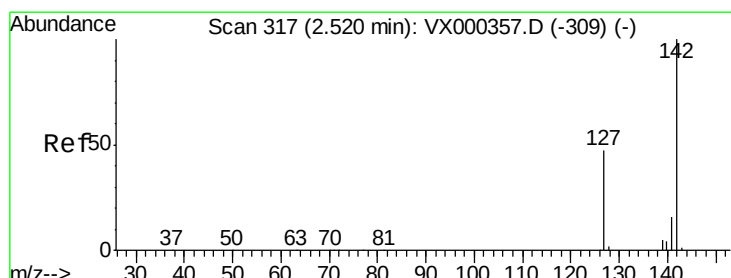
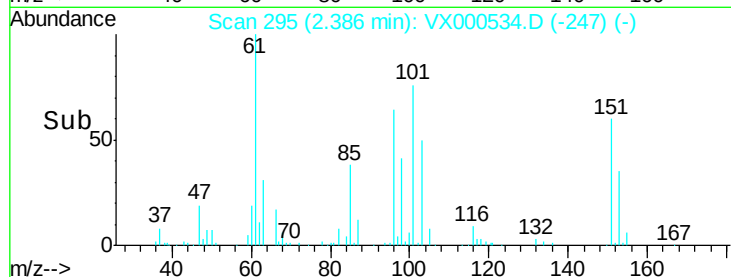
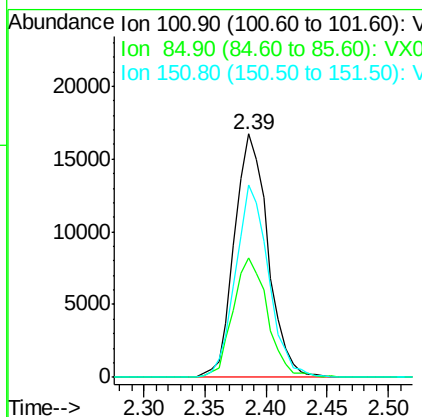
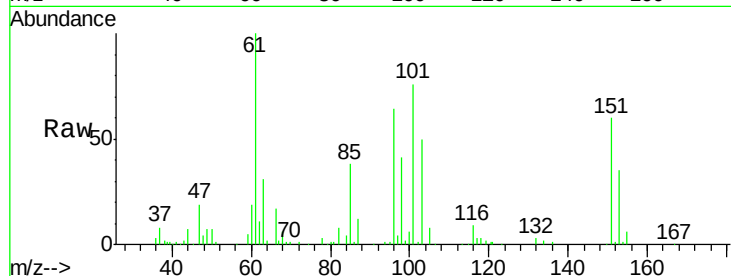
ClientSampleId :

VX0329WBSD02

Tot Ion:	101	Resp:	31819
Ion Ratio	Lower	Upper	
101	100		
85	50.5	37.6	56.4
151	78.2	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 18.99 ug/l

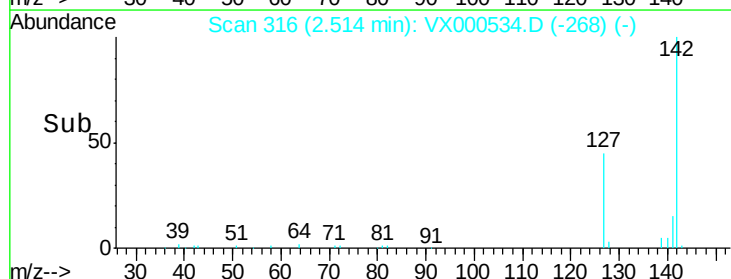
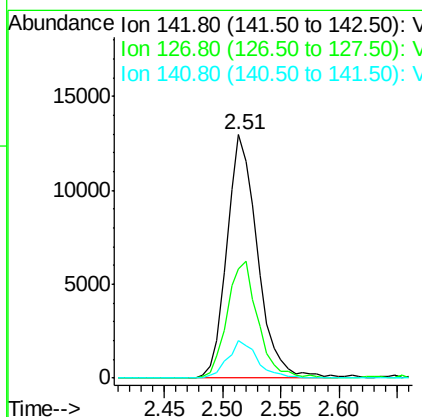
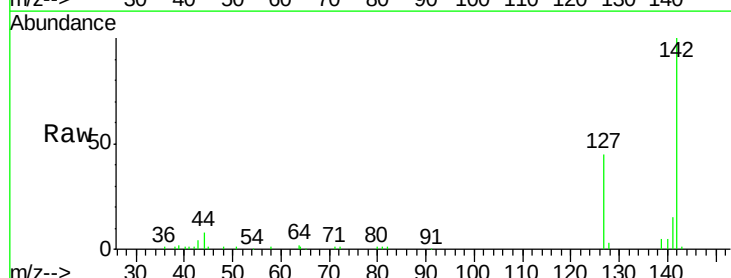
RT: 2.51 min Scan# 316

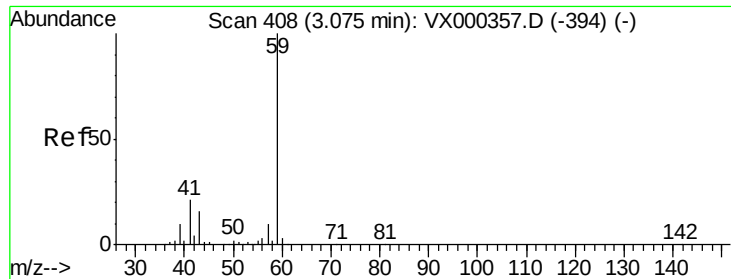
Delta R.T. -0.01 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Tgt Ion:	142	Resp:	23684
Ion Ratio	Lower	Upper	
142	100		
127	48.2	39.2	58.8
141	15.0	11.7	17.5





#11

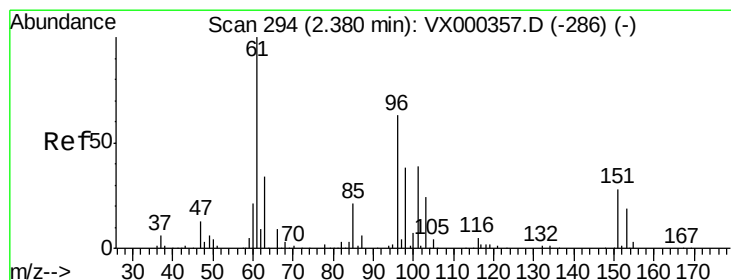
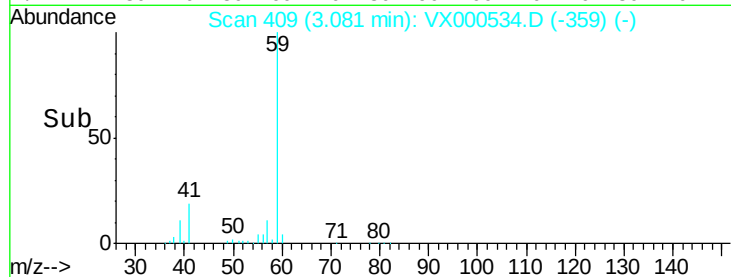
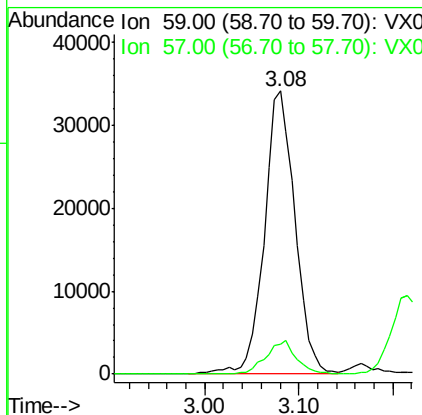
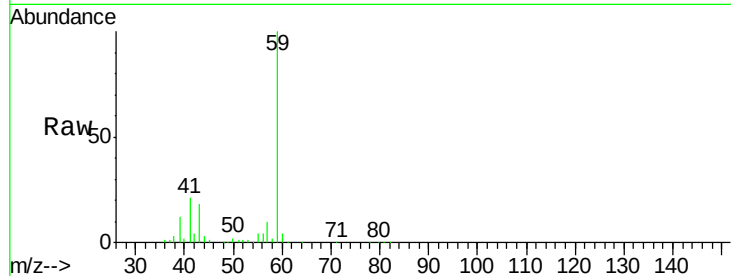
Tert butyl alcohol
 Concen: 144.18 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.4	12.6

Manual Integrations
 APPROVED

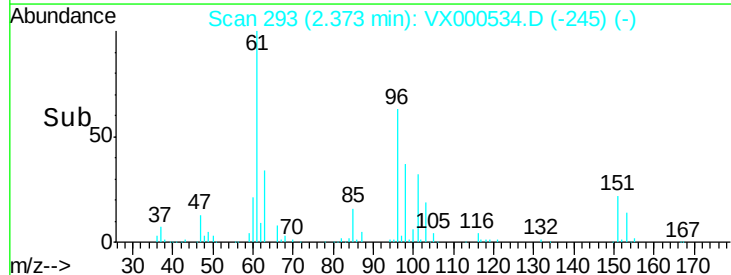
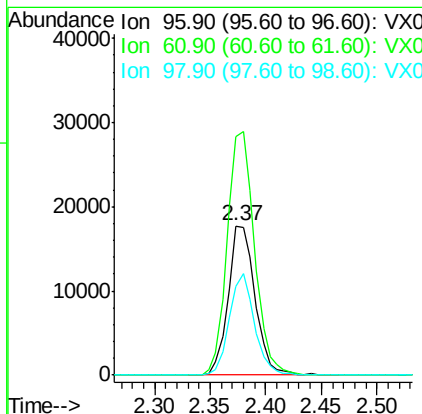
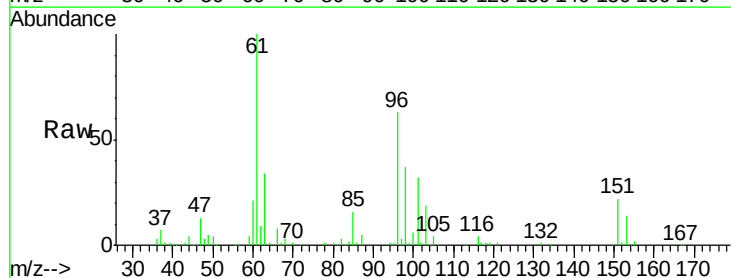
sam
 3/30/2018 4:10:35 PM

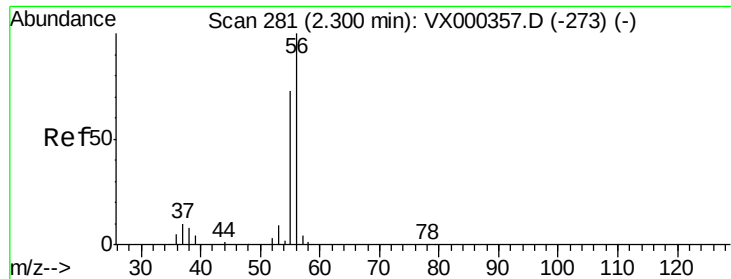


#12

1,1-Dichloroethene
 Concen: 22.69 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.7	131.2	196.8
98	59.7	49.8	74.8





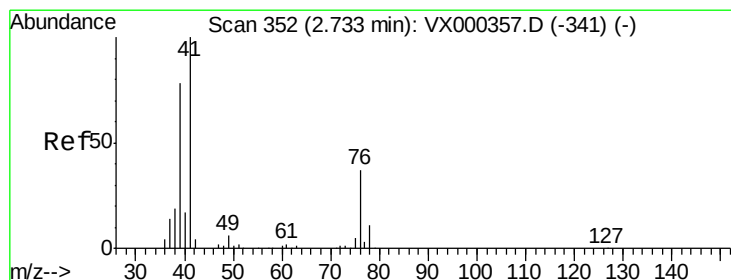
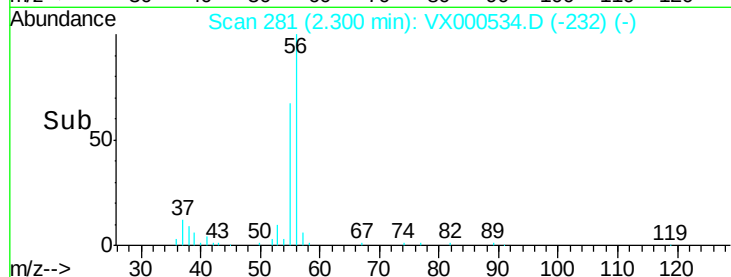
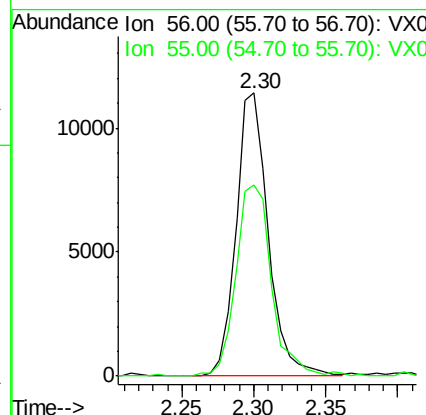
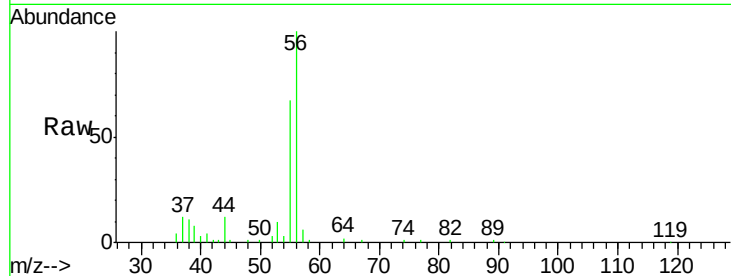
#13
Acrolein
Concen: 112.00 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Instrument :
MSVOA_X
ClientSampled :
VX0329WBSD02

Tot Ion	56	55	Ratio	100	74.7	Resp	17851	Lower	58.8	Upper	88.2

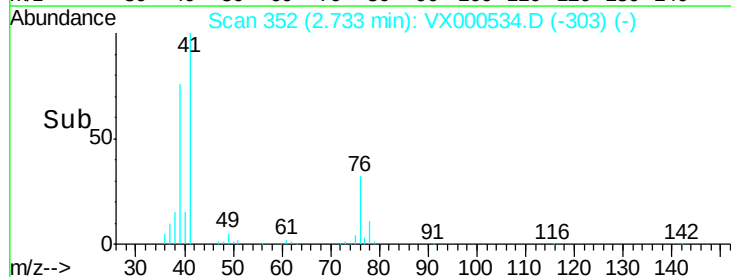
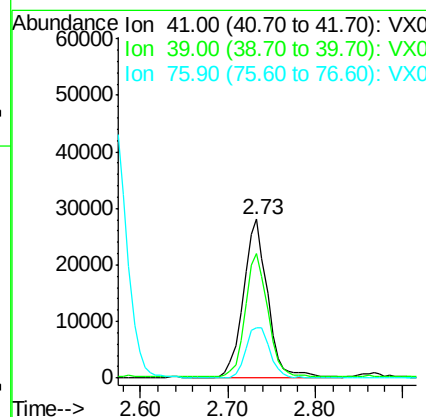
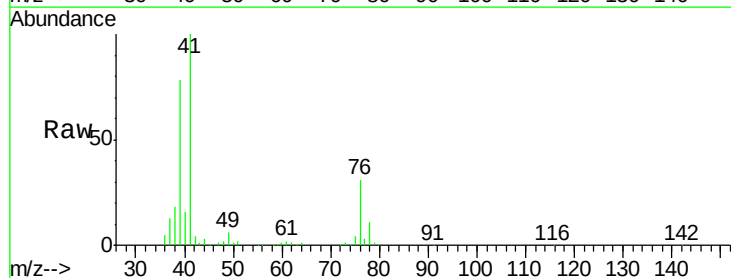
Manual Integrations
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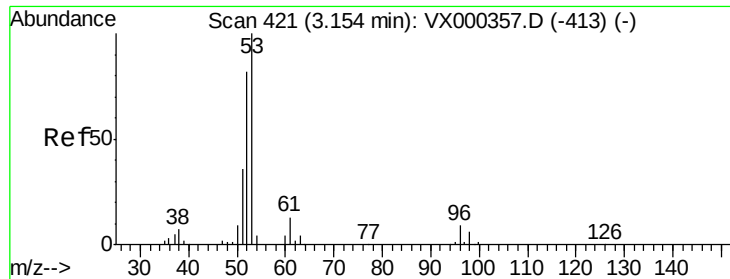
sam
3/30/2018 4:10:35 PM



#14
Allyl chloride
Concen: 23.50 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Tgt Ion	41	39	76	Ratio	100	72.7	31.8	Resp	54270	Lower	57.6	Upper	86.4	40.9





#15

Acrylonitrile

Concen: 123.92 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

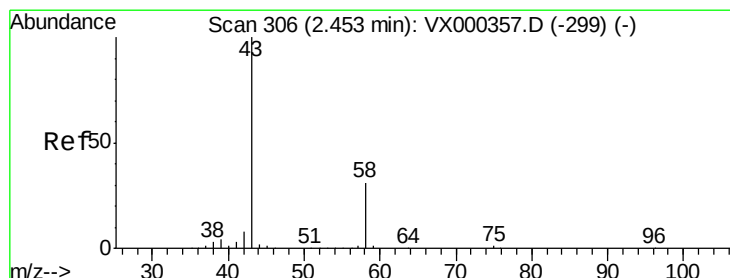
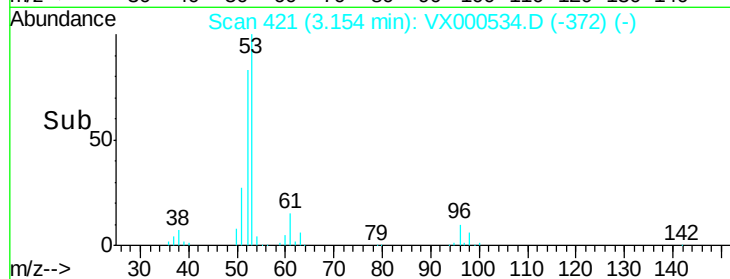
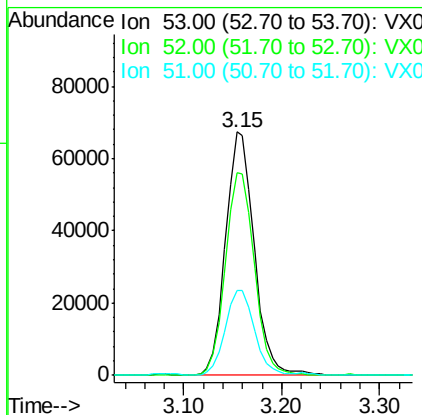
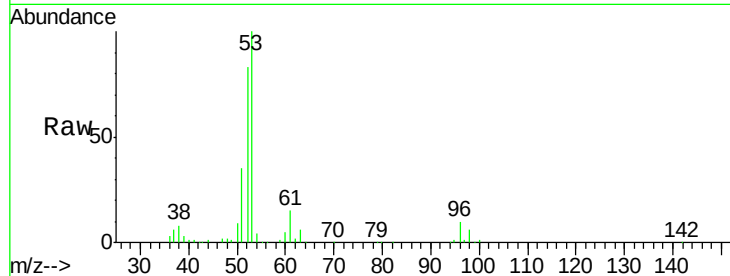
ClientSampleId :

VX0329WBSD02

Tot Ion:	53	Resp:	135638
Ion Ratio	Lower	Upper	
53	100		
52	85.2	66.6	99.8
51	36.7	29.3	43.9

Manual Integrations
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sam
3/30/2018 4:10:35 PM



#16

Acetone

Concen: 106.39 ug/l

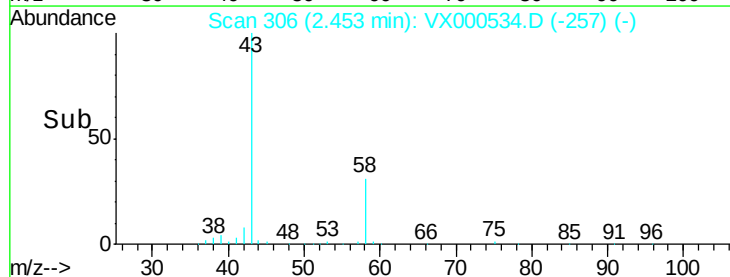
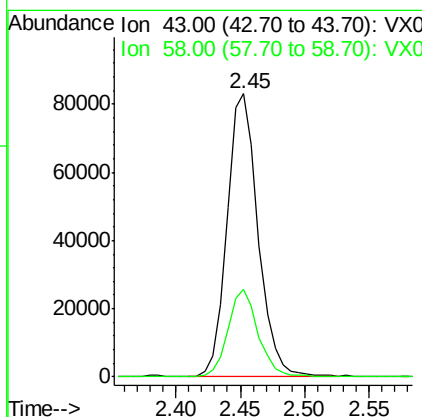
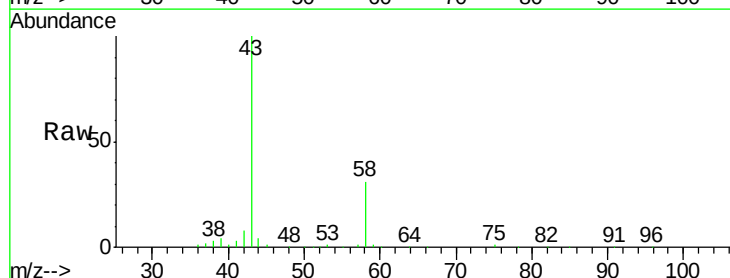
RT: 2.45 min Scan# 306

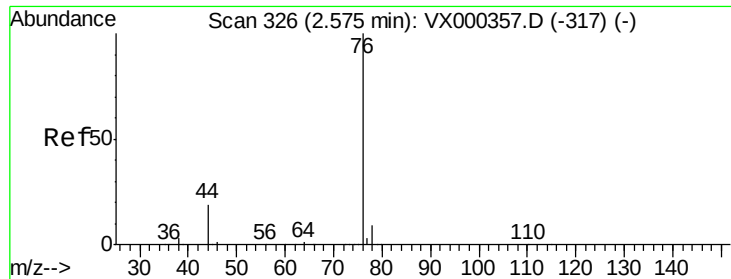
Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Tgt Ion:	43	Resp:	139042
Ion Ratio	Lower	Upper	
43	100		
58	31.0	24.7	37.1





#17

Carbon Disulfide

Concen: 19.94 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD02

Tot Ion: 76 Resp: 69164

Ion Ratio Lower Upper

76 100

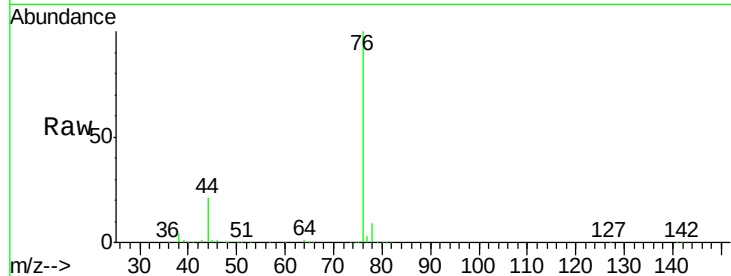
78 9.2 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

40000

30000

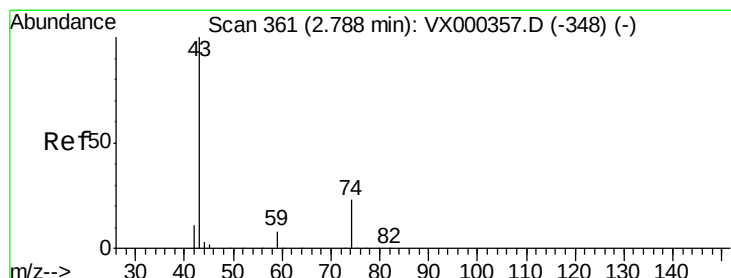
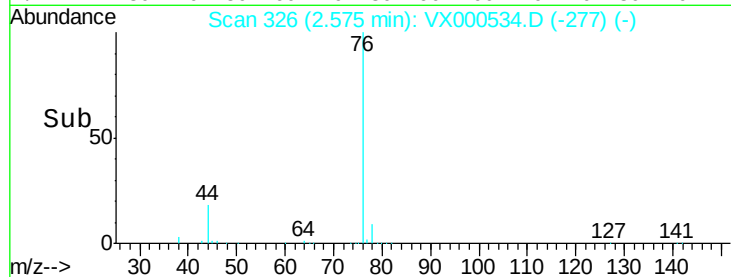
20000

10000

0

2.50 2.55 2.60 2.65 2.70

Time-->



#18

Methyl Acetate

Concen: 26.70 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000534.D

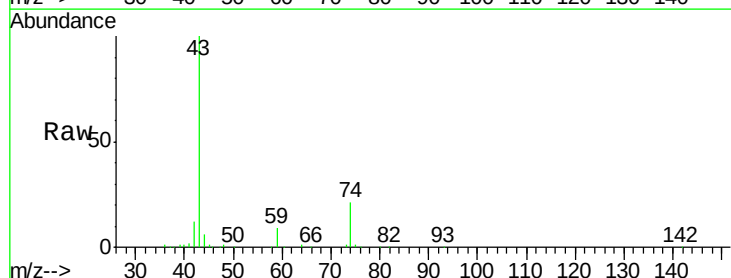
Acq: 30 Mar 2018 01:20

Tgt Ion: 43 Resp: 73147

Ion Ratio Lower Upper

43 100

74 22.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

40000

30000

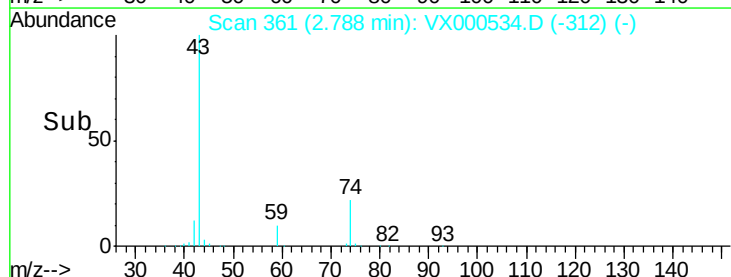
20000

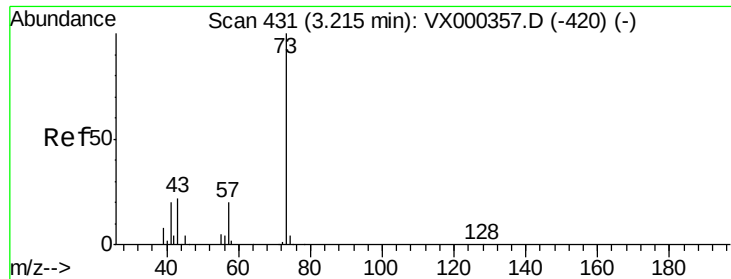
10000

0

2.70 2.80 2.90

Time-->





#19

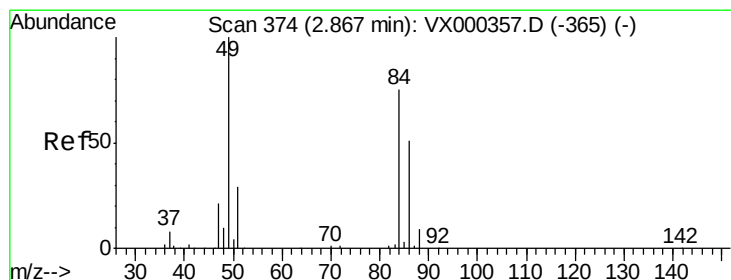
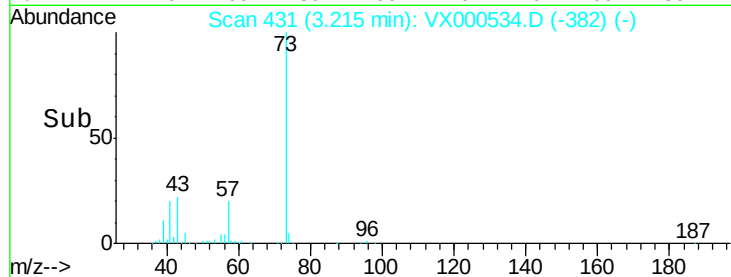
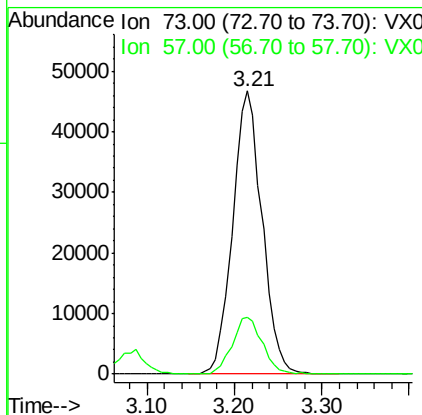
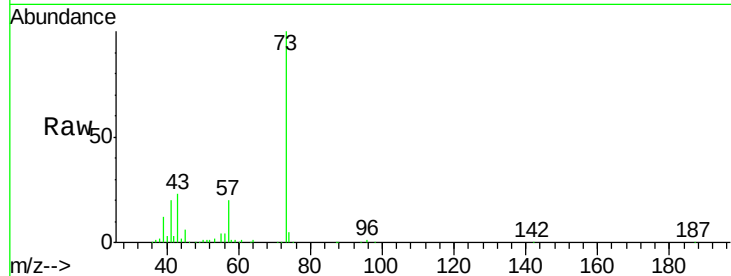
Methyl tert-butyl Ether
 Concen: 22.62 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0329WBSD02

Tot Ion	73	Resp	109158
Ion Ratio	Lower	Upper	
73	100		
57	20.2	17.2	25.8

Manual Integrations
 APPROVED

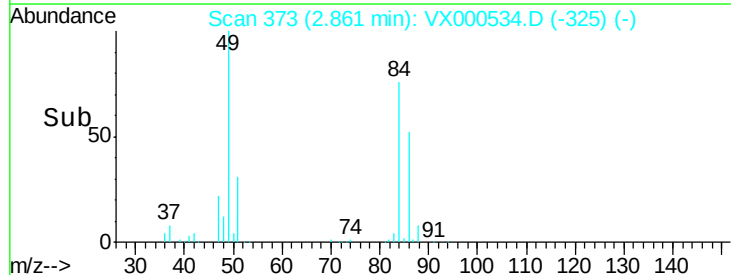
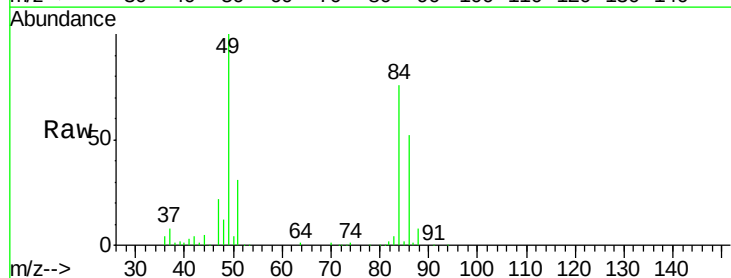
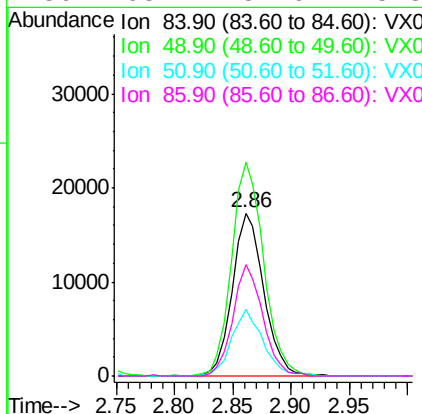
sam
 3/30/2018 4:10:35 PM

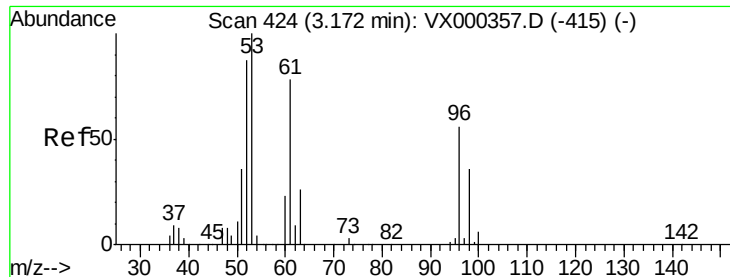


#20

Methylene Chloride
 Concen: 21.64 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Tgt Ion	84	Resp	32662
Ion Ratio	Lower	Upper	
84	100		
49	131.0	100.6	151.0
51	40.7	31.6	47.4
86	68.1	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 21.65 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

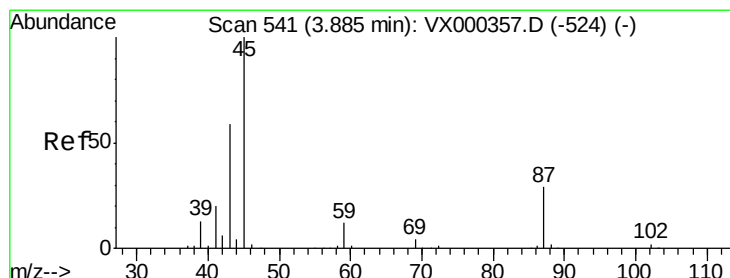
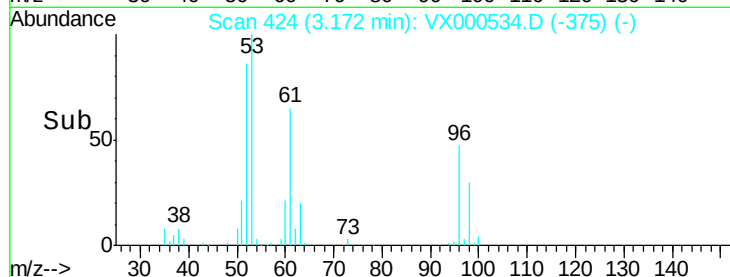
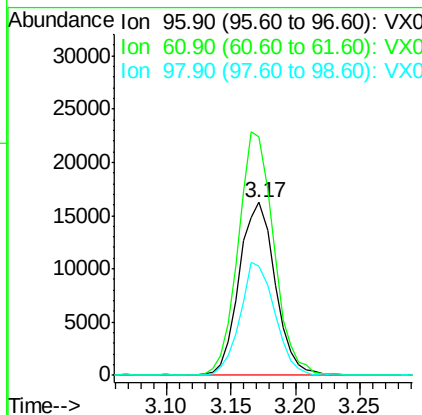
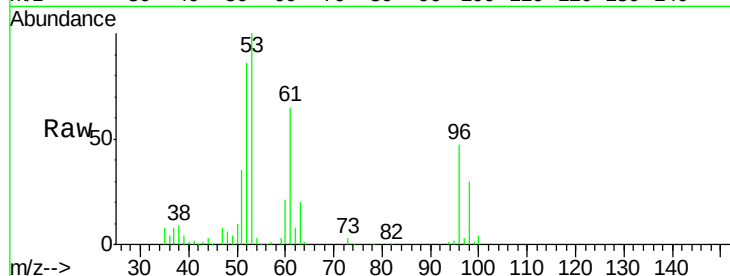
ClientSampleId :

VX0329WBSD02

Tot Ion:	96	Resp:	31503
Ion	Ratio	Lower	Upper
96	100		
61	138.3	104.0	156.0
98	63.5	52.1	78.1

Manual Integrations
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sam
3/30/2018 4:10:35 PM



#22

Diisopropyl ether

Concen: 18.25 ug/l

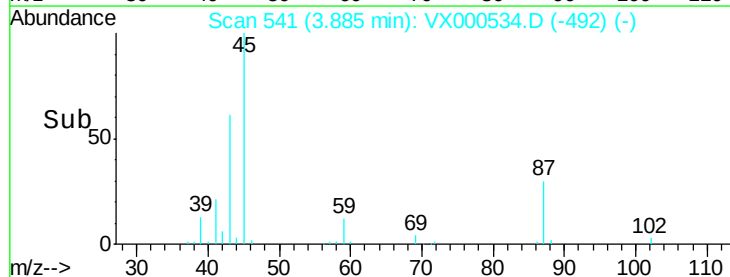
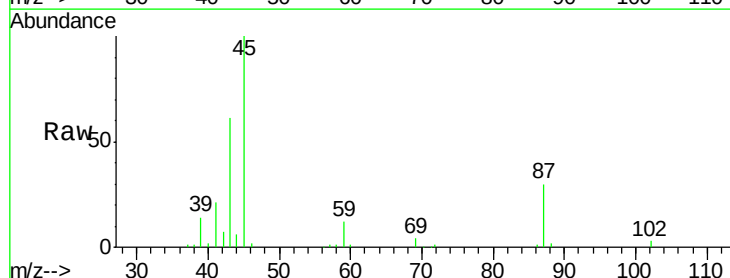
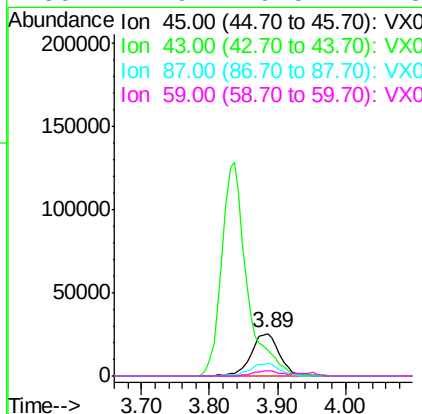
RT: 3.89 min Scan# 541

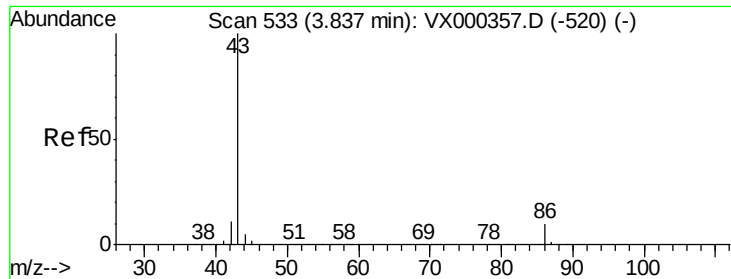
Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Tgt Ion:	45	Resp:	74427
Ion	Ratio	Lower	Upper
45	100		
43	61.2	53.9	80.9
87	29.7	22.6	34.0
59	11.9	9.5	14.3





#23

Vinyl Acetate

Concen: 85.81 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD02

Tot Ion: 43 Resp: 331730

Ion Ratio Lower Upper

43 100

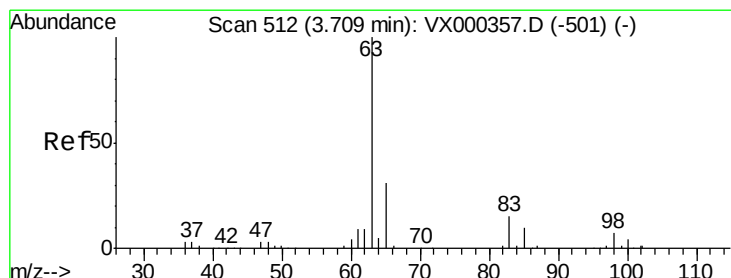
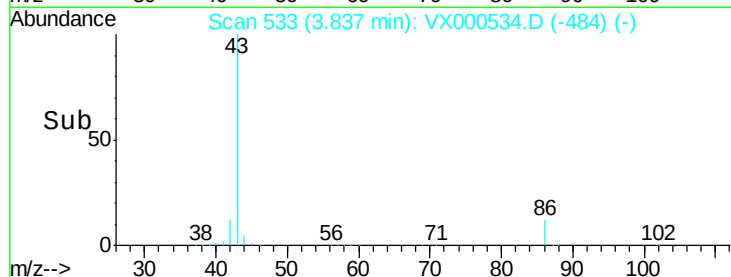
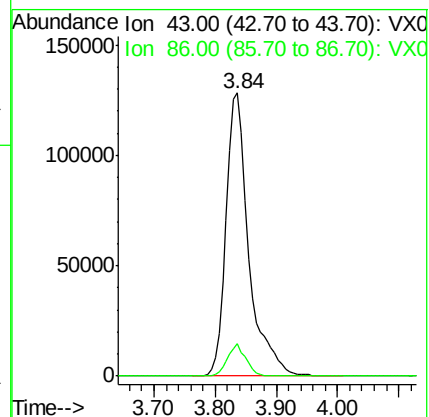
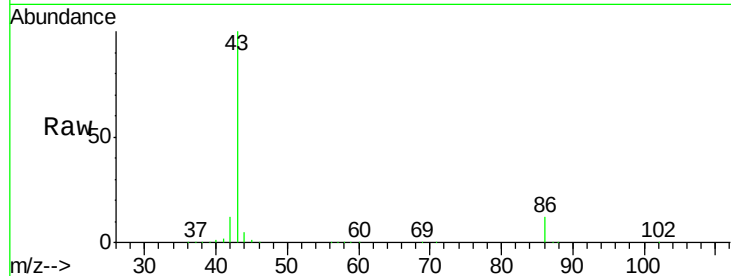
86 11.5 8.6 12.8

Manual Integrations

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sam

3/30/2018 4:10:35 PM



#24

1,1-Dichloroethane

Concen: 17.71 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

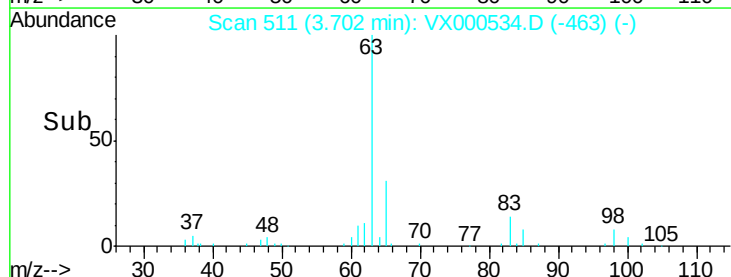
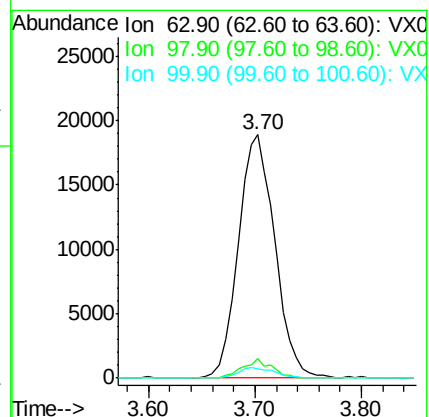
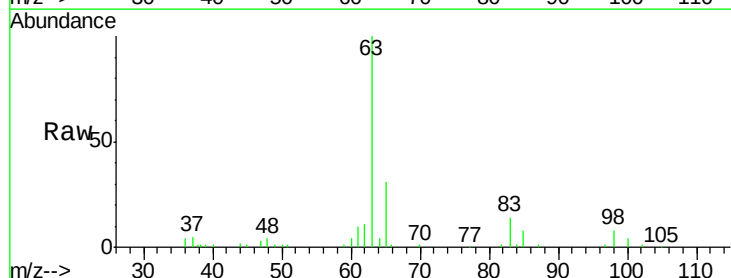
Tgt Ion: 63 Resp: 45396

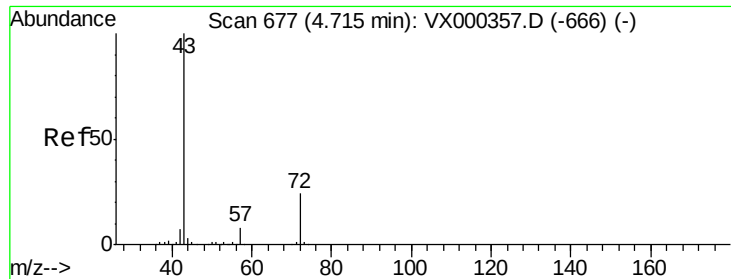
Ion Ratio Lower Upper

63 100

98 8.2 3.3 9.9

100 3.9 2.0 5.8





#25

2-Butanone

Concen: 107.34 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD02

Tot Ion: 43 Resp: 157689

Ion Ratio Lower Upper

43 100

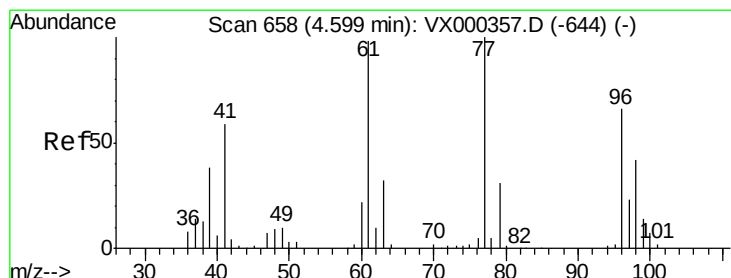
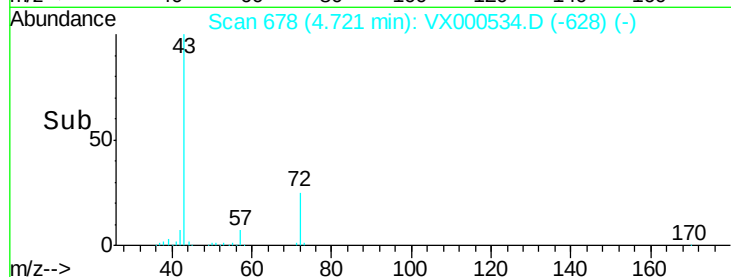
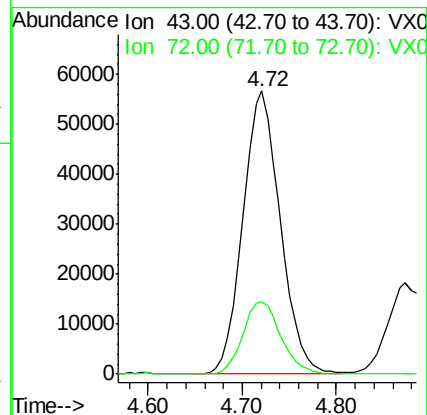
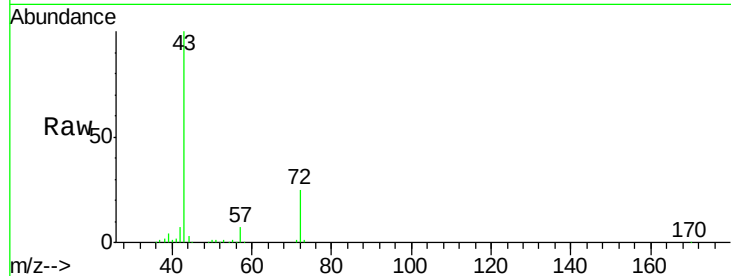
72 25.3 21.0 31.6

Manual Integrations

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sam

3/30/2018 4:10:35 PM



#26

2,2-Dichloropropane

Concen: 16.96 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000534.D

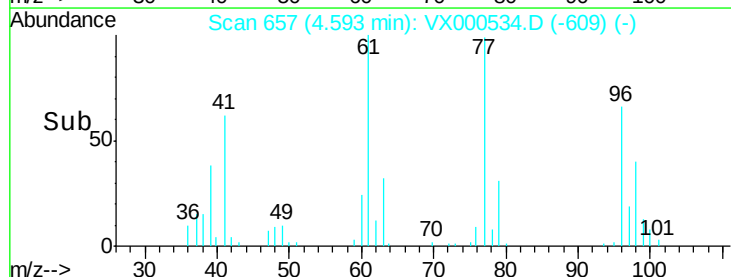
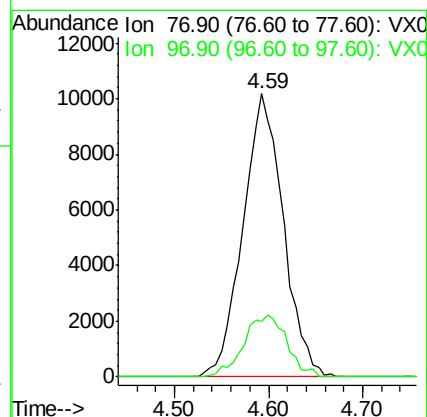
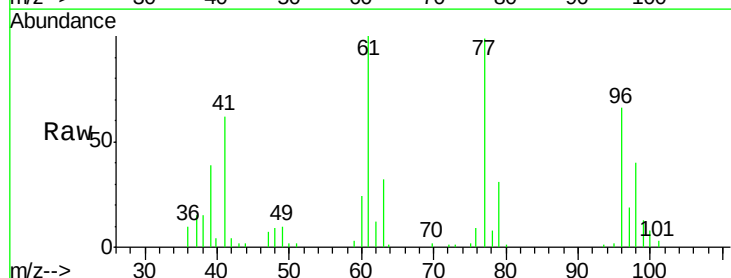
Acq: 30 Mar 2018 01:20

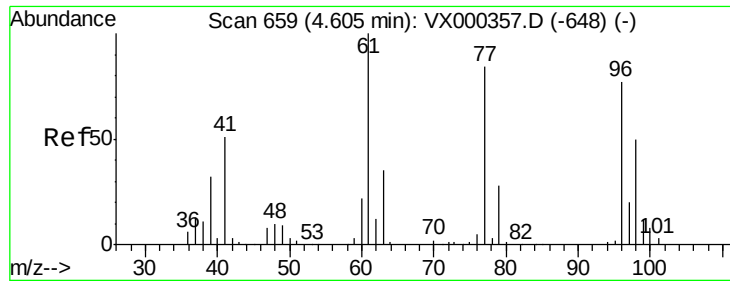
Tgt Ion: 77 Resp: 30485

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8





#27

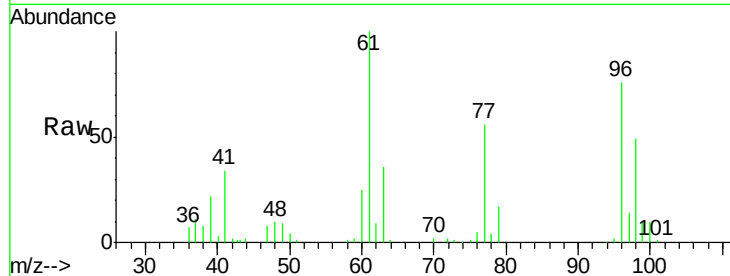
cis-1,2-Dichloroethene
 Concen: 19.70 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD02

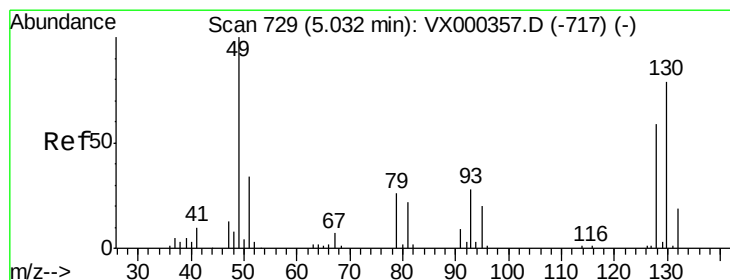
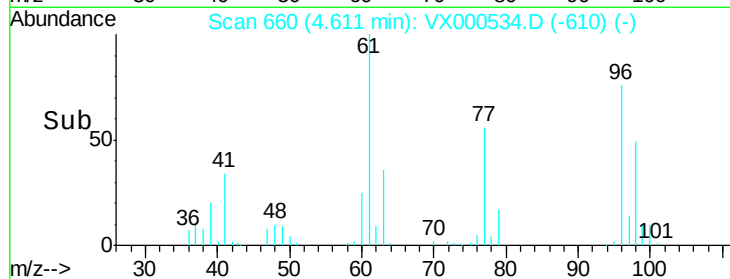
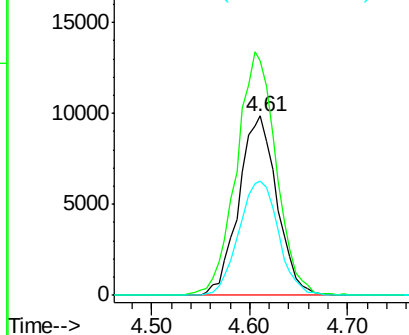
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	291.6
98	65.9	0.0	132.0

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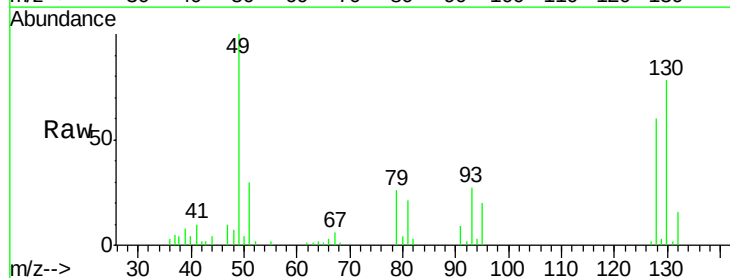
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



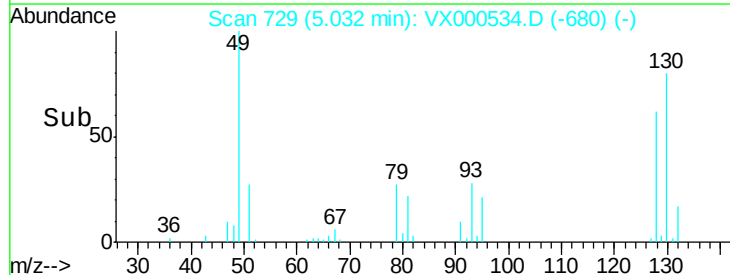
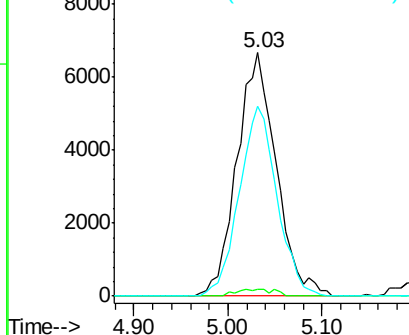
#28

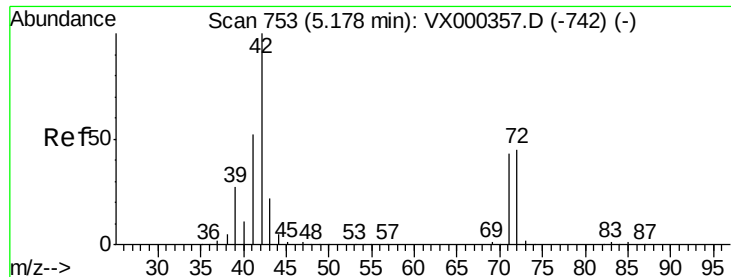
Bromochloromethane
 Concen: 18.33 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	75.4	64.0	96.0



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





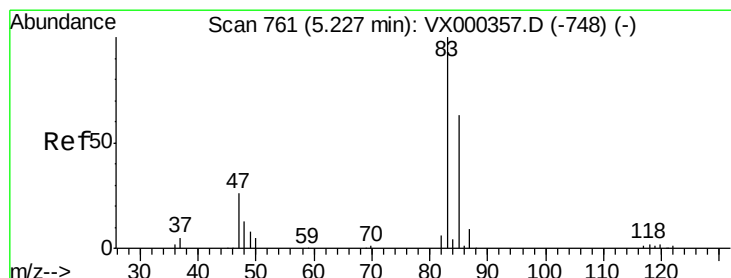
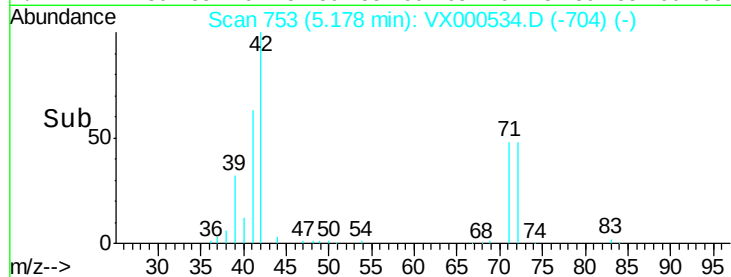
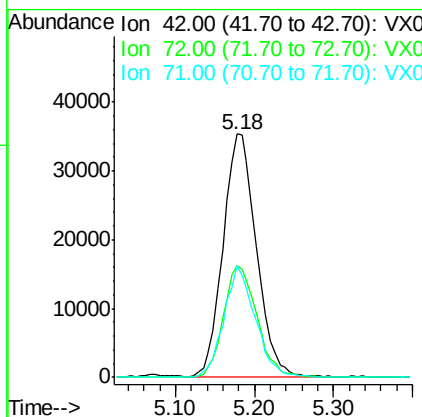
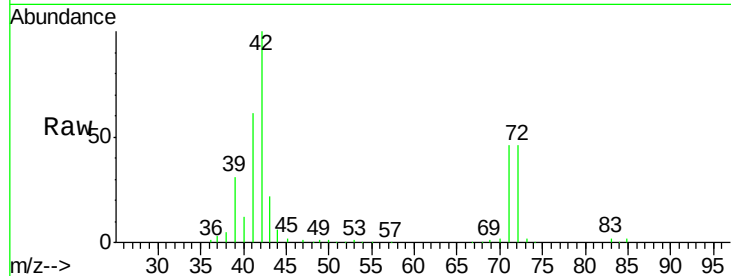
#29
Tetrahydrofuran
Concen: 114.54 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.9	56.9
71	43.3	34.4	51.6

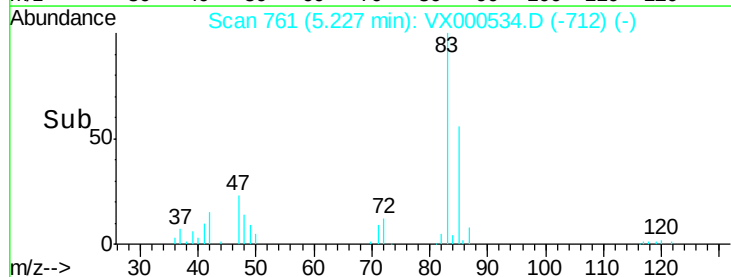
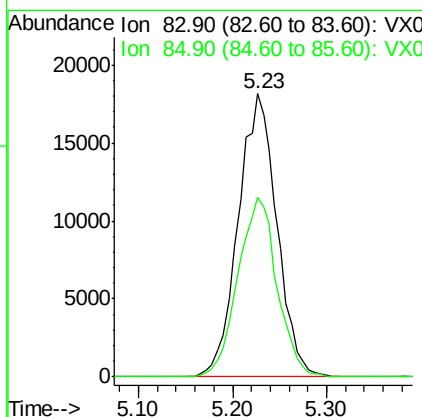
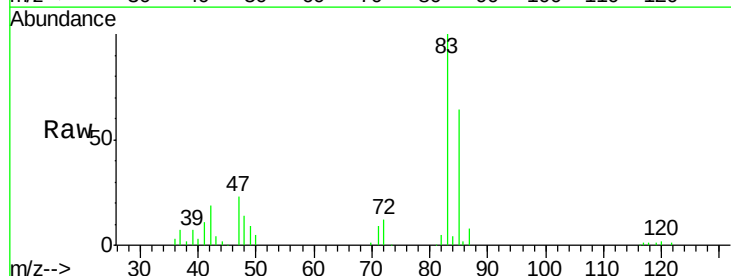
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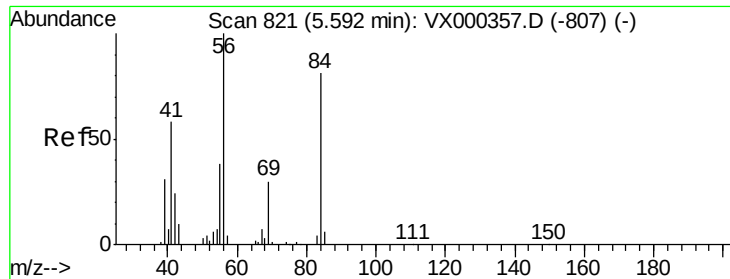
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#30
Chloroform
Concen: 21.57 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	53.3	79.9





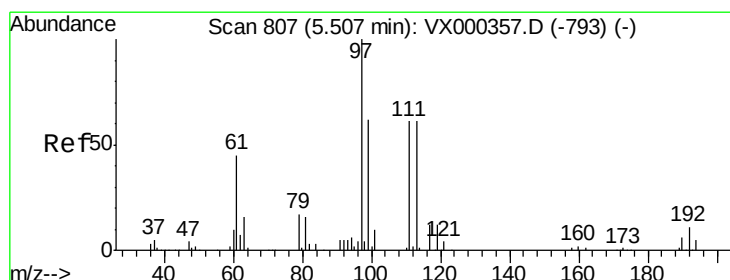
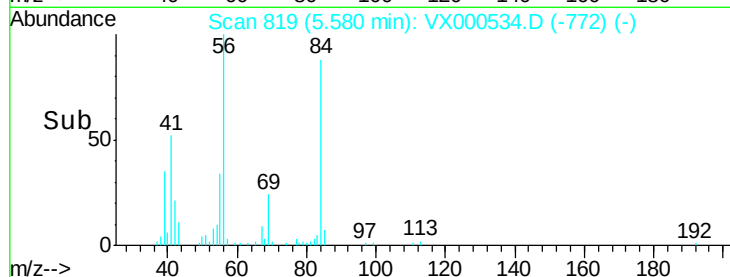
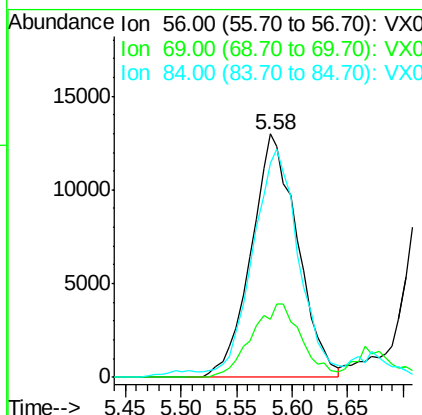
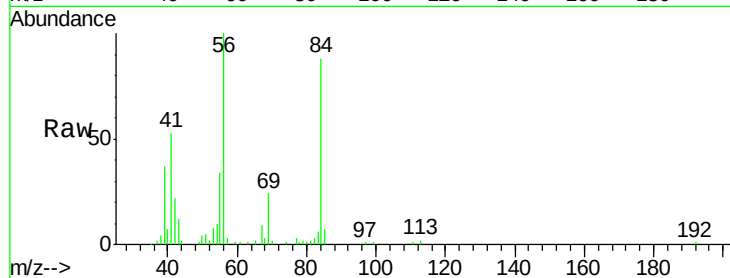
#31
Cyclohexane
Concen: 18.95 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	24.0	23.4	35.0
84	85.2	71.0	106.4

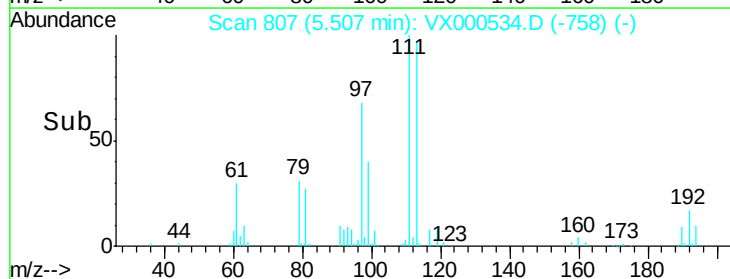
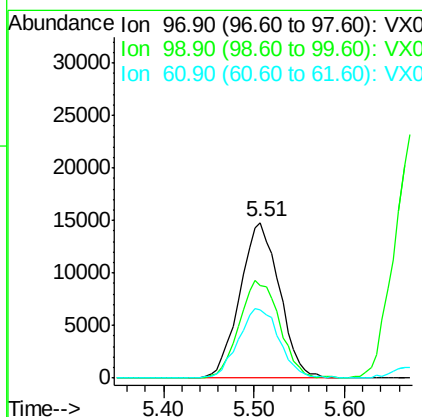
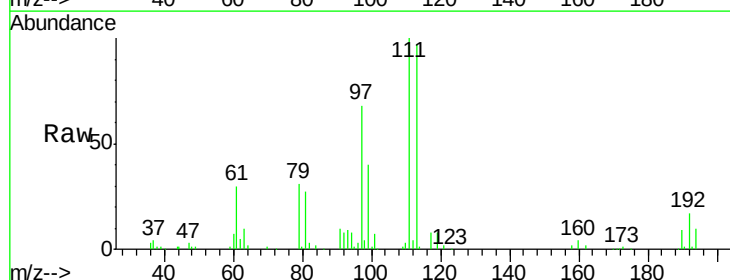
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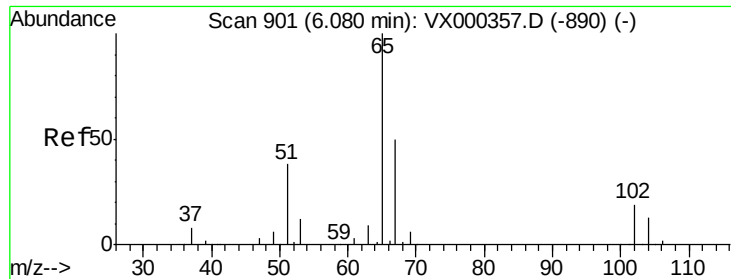
sam
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#32
1,1,1-Trichloroethane
Concen: 20.63 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.1	78.1
61	46.3	36.2	54.4





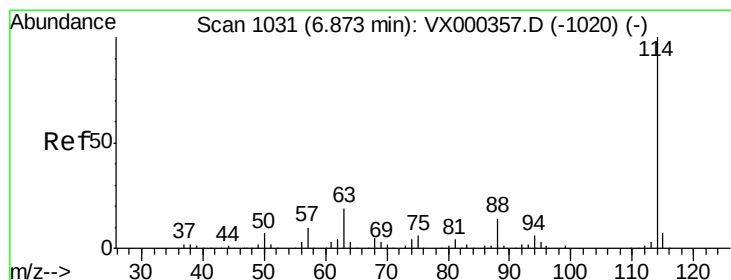
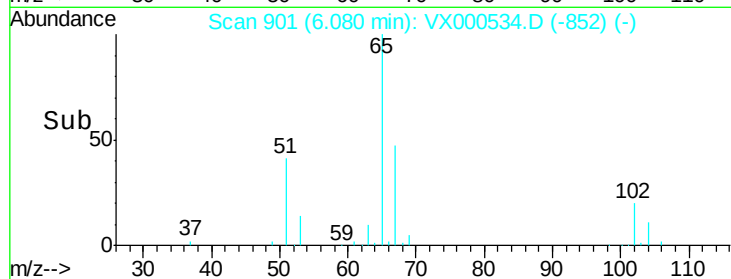
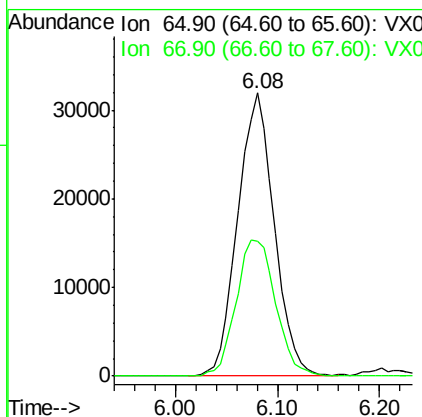
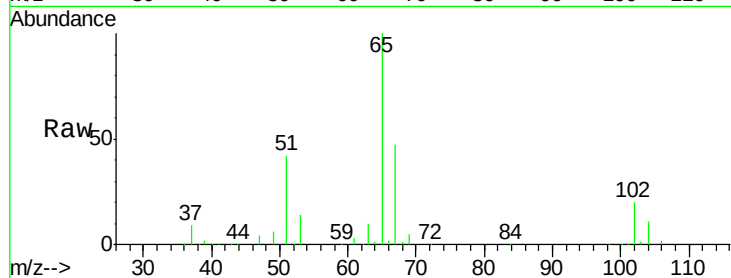
#33
 1,2-Dichloroethane-d4
 Concen: 50.58 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	79463		
67	51.9	0.0	103.2	

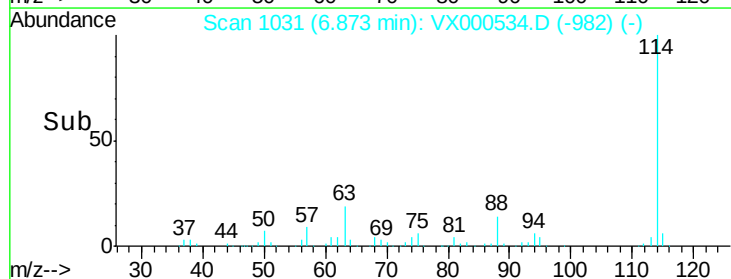
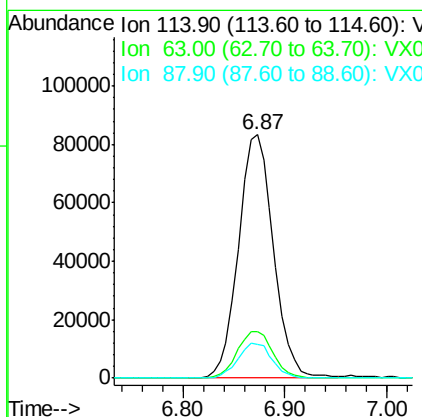
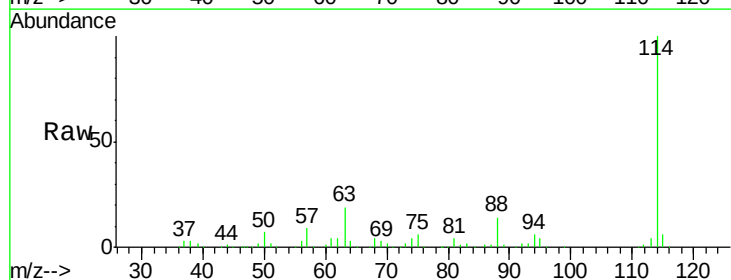
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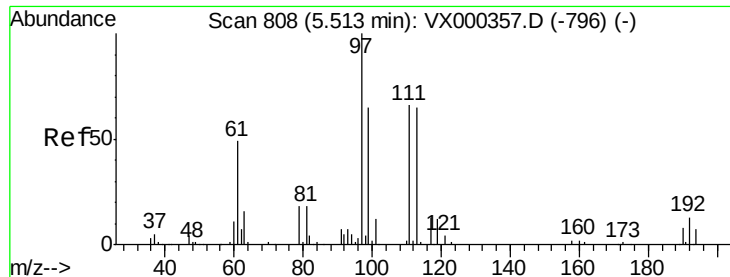
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	198480		
63	19.0	0.0	38.4	
88	14.1	0.0	27.0	





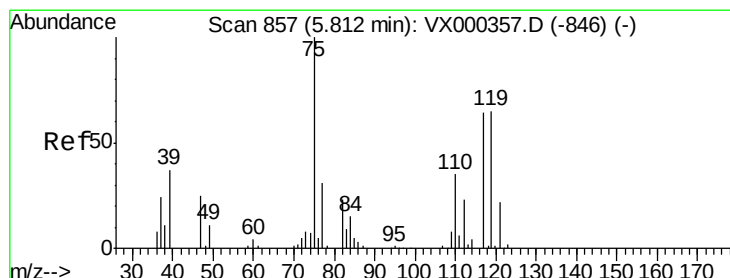
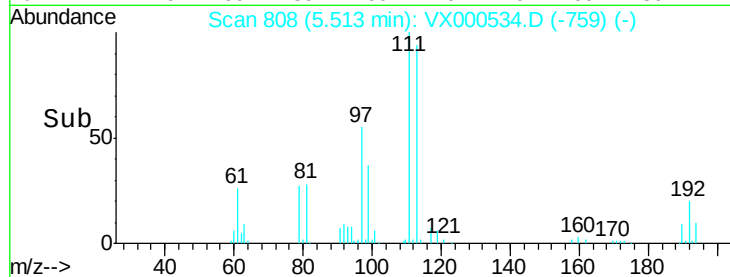
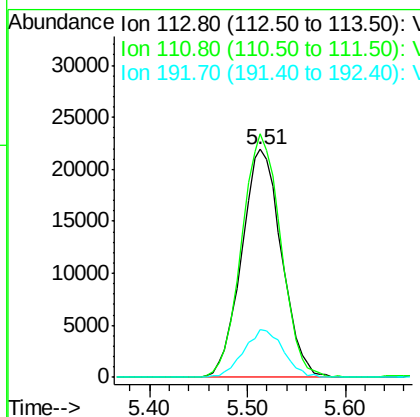
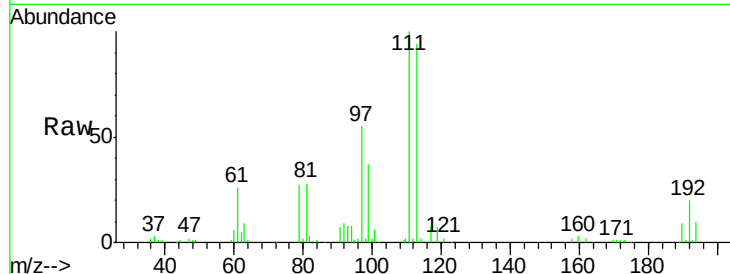
#35
 Dibromofluoromethane
 Concen: 49.61 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD02

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.4	123.6
192	21.0	15.8	23.6

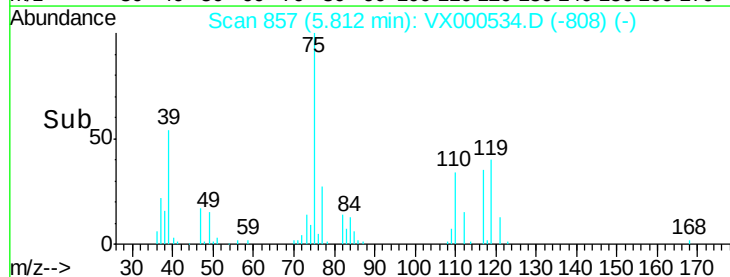
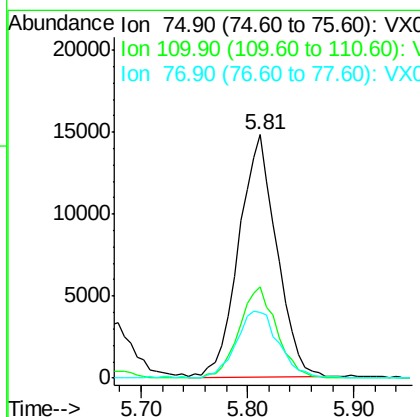
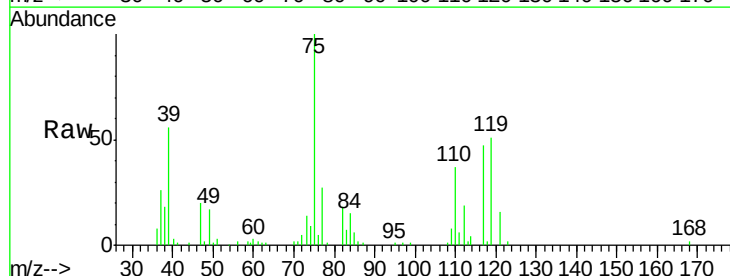
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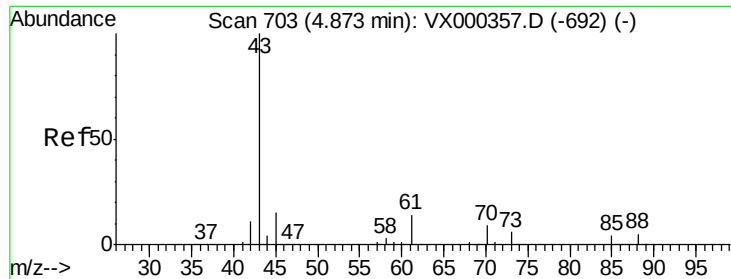
sam
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#36
 1,1-Dichloropropene
 Concen: 19.91 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	17.9	53.7
77	30.9	24.0	36.0





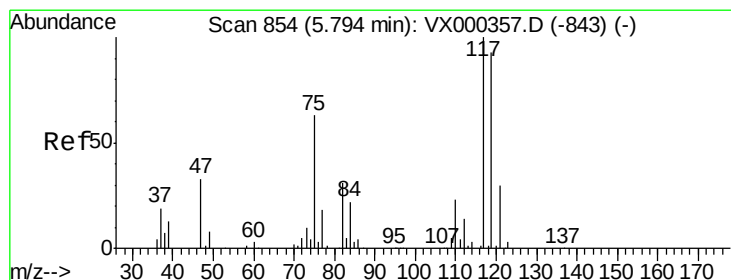
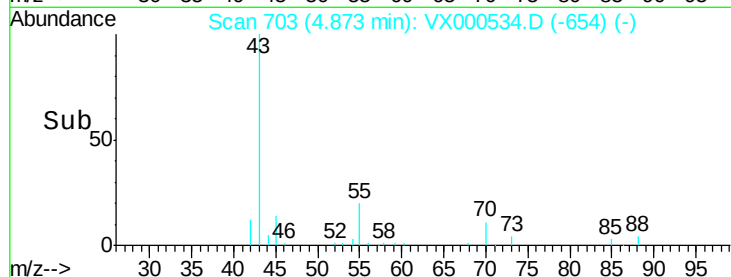
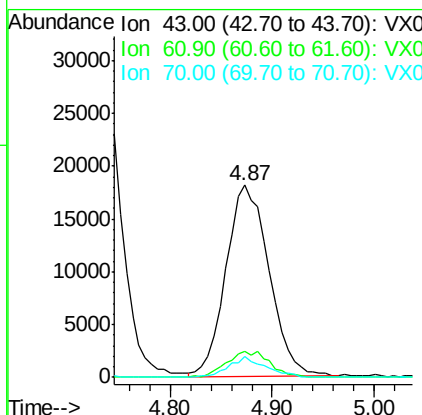
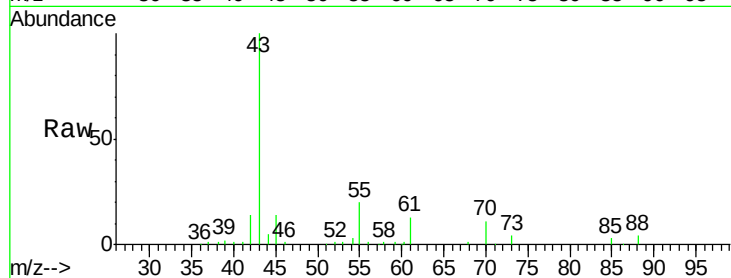
#37
Ethyl Acetate
Concen: 20.85 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.1	16.7
70	9.2	7.7	11.5

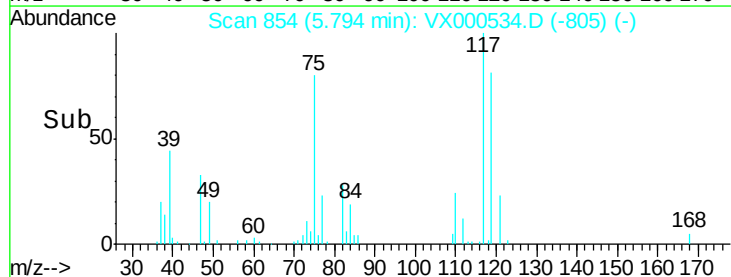
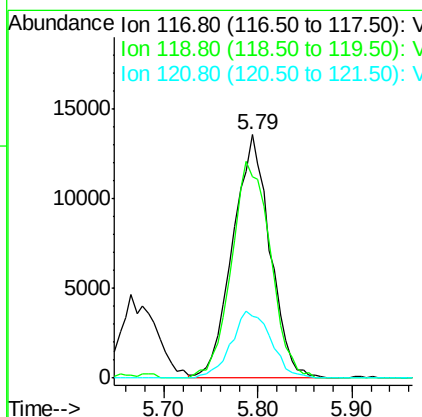
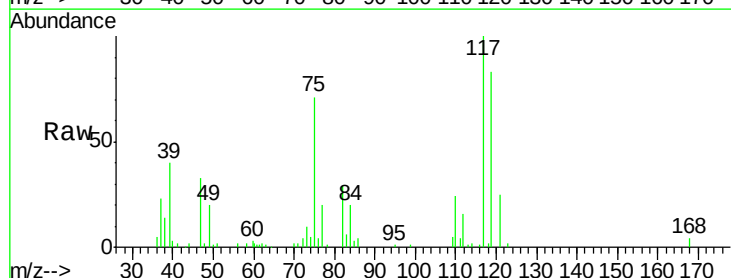
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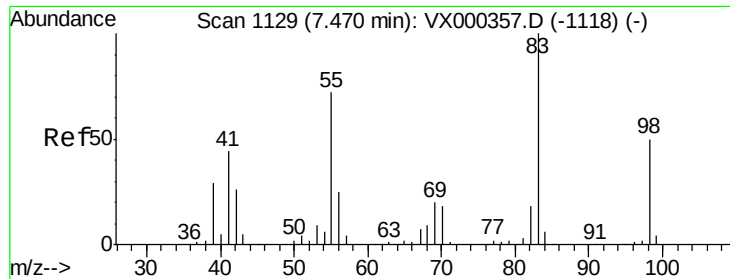
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#38
Carbon Tetrachloride
Concen: 19.22 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	83.0	77.4	116.2
121	25.4	24.8	37.2





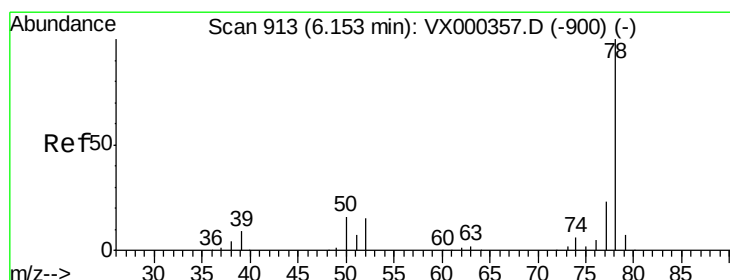
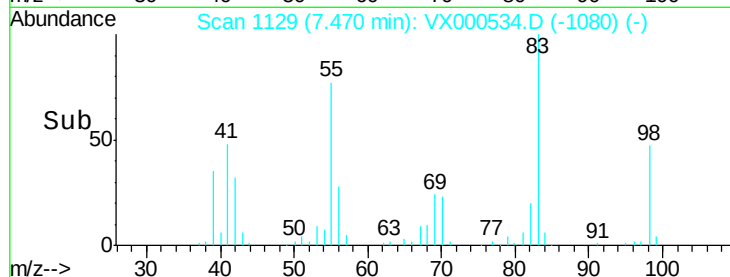
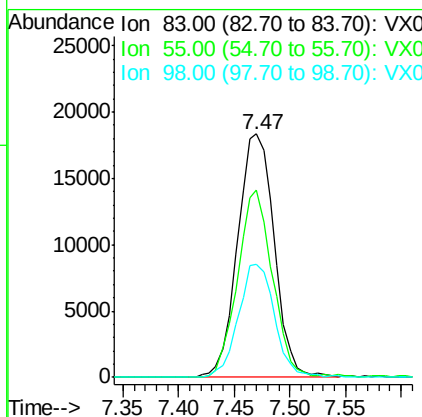
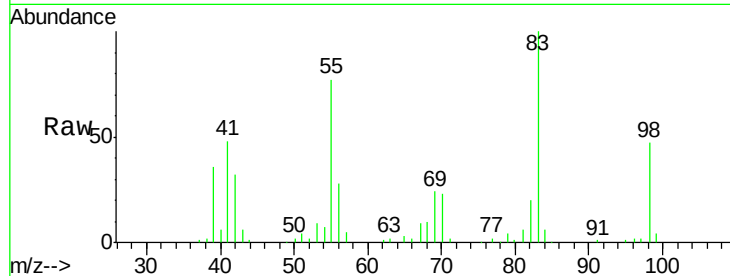
#39
Methylvlcyclohexane
Concen: 18.61 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	55.5	83.3
98	46.6	38.2	57.4

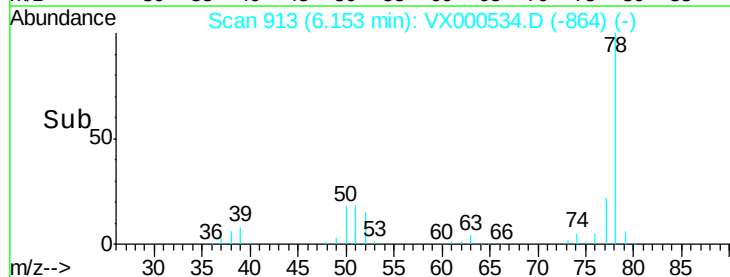
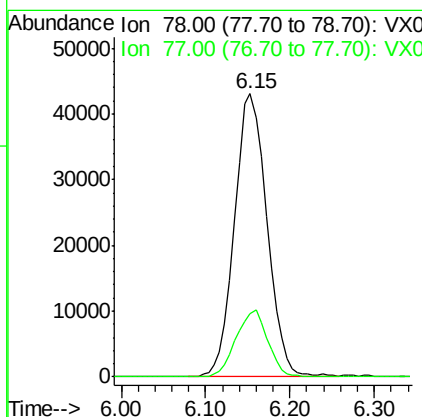
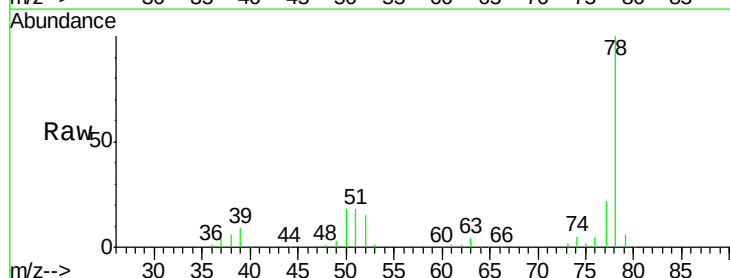
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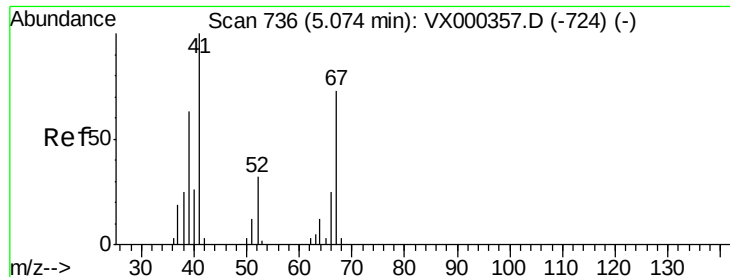
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#40
Benzene
Concen: 20.86 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.7	28.1





#41

Methacrylonitrile

Concen: 20.53 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

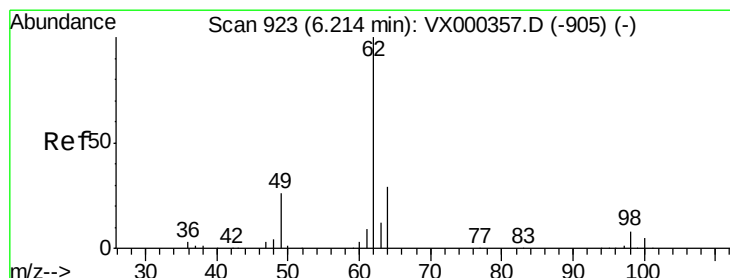
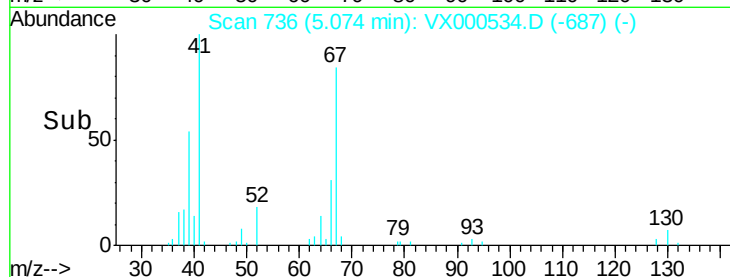
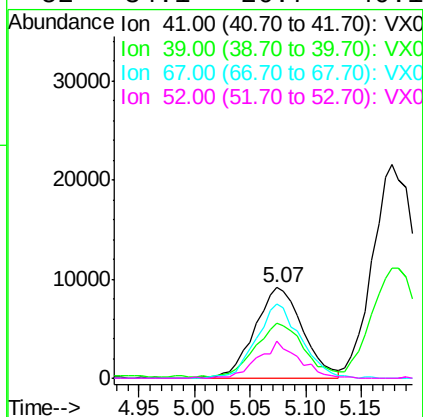
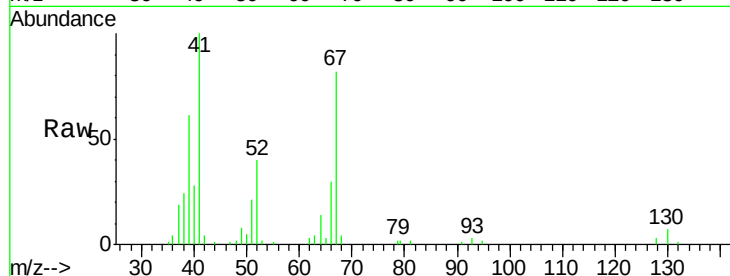
ClientSampleId :

VX0329WBSD02

Tot Ion:	41	Resp:	27486
Ion	Ratio	Lower	Upper
41	100		
39	60.4	45.7	68.5
67	76.2	57.8	86.8
52	34.1	26.7	40.1

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#42

1,2-Dichloroethane

Concen: 20.48 ug/l

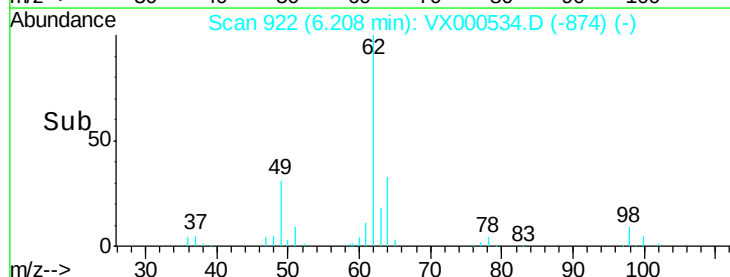
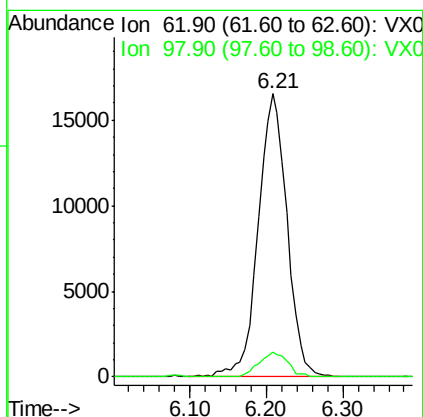
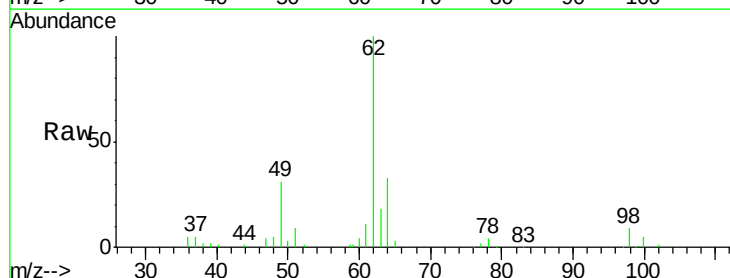
RT: 6.21 min Scan# 922

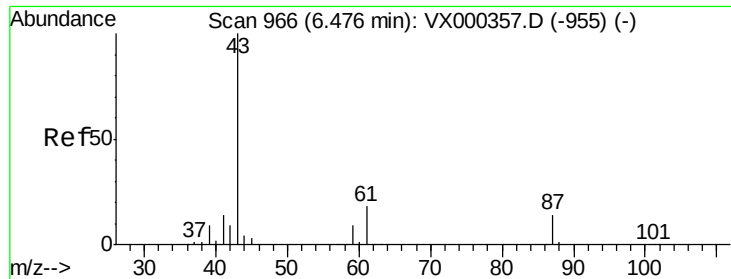
Delta R.T. -0.01 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Tgt Ion:	62	Resp:	43380
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	15.8





#43

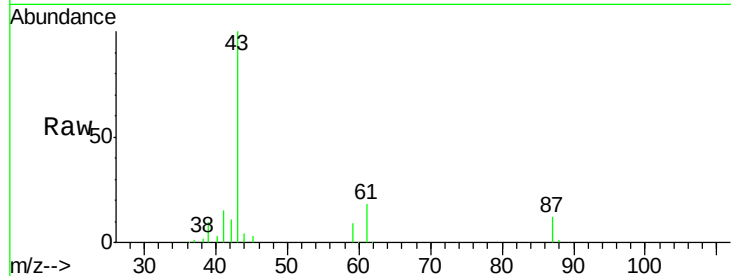
Isopropyl Acetate
 Concen: 20.58 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD02

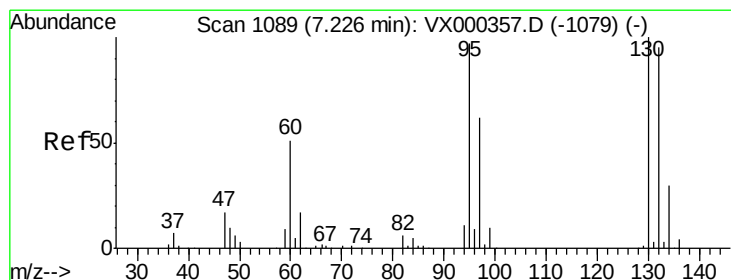
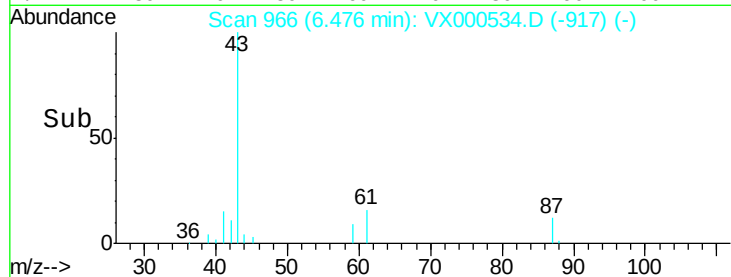
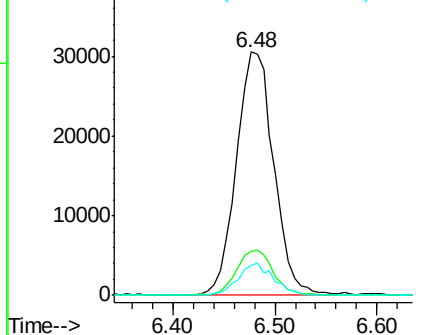
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.4	21.6
87	12.6	11.0	16.4

Manual Integrations
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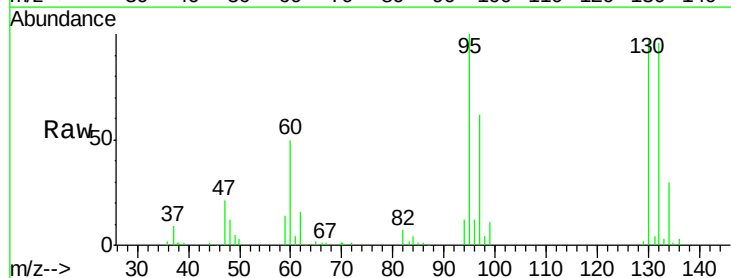
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



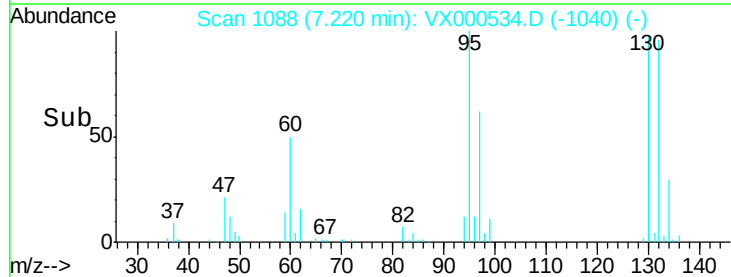
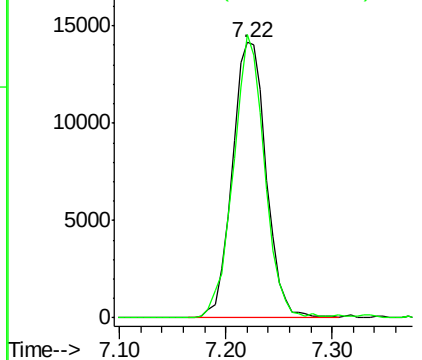
#44

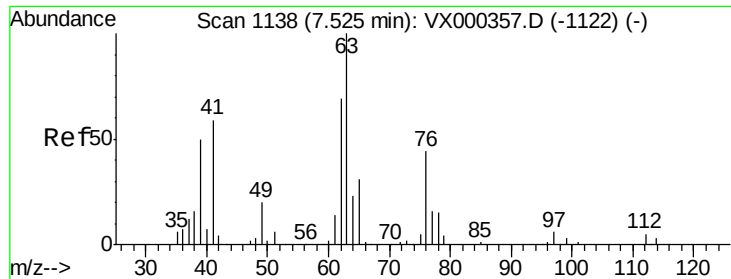
Trichloroethene
 Concen: 20.42 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	186.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





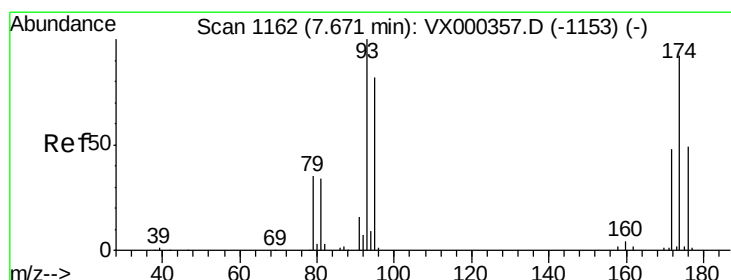
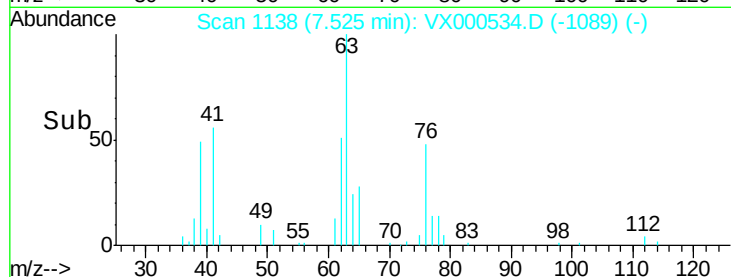
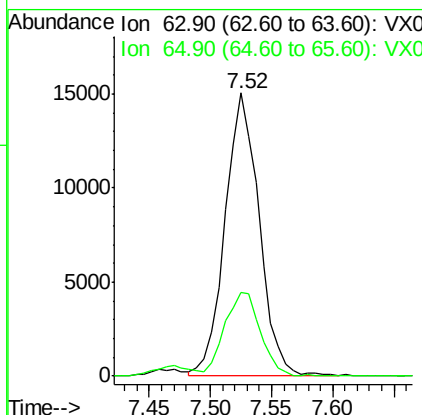
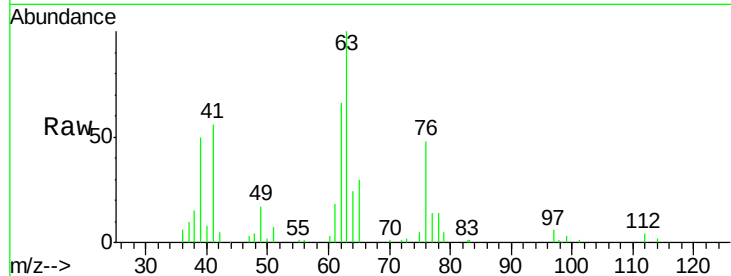
#45
 1,2-Dichloropropane
 Concen: 21.06 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD02

Tot Ion: 63 Resp: 29105
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.6 36.8

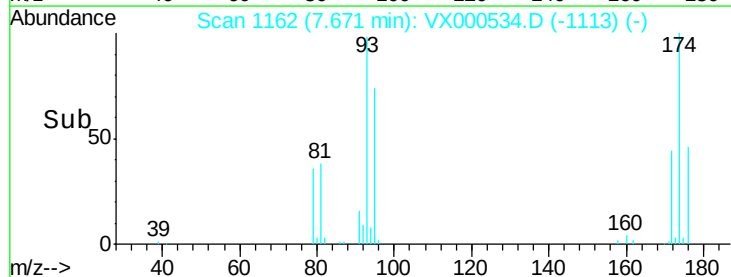
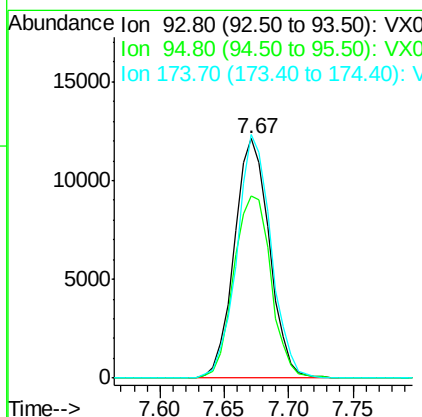
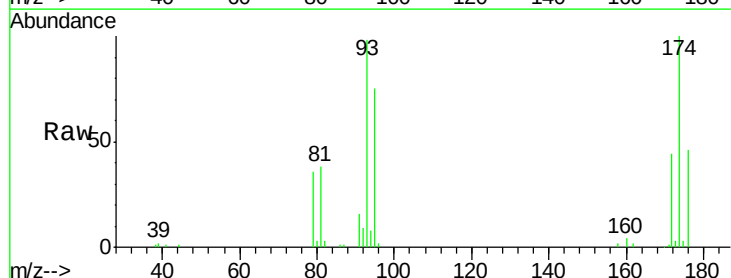
Manual Integrations
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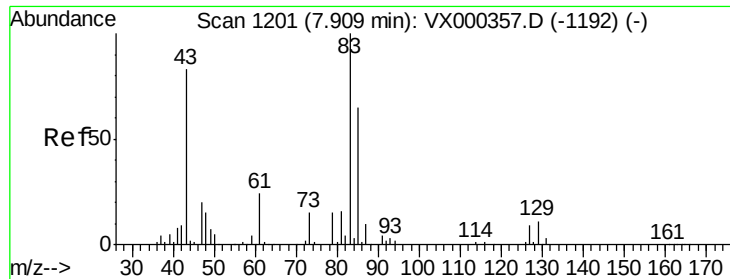
sam
 3/30/2018 4:10:35 PM



#46
 Dibromomethane
 Concen: 21.10 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Tgt Ion: 93 Resp: 22886
 Ion Ratio Lower Upper
 93 100
 95 80.4 66.5 99.7
 174 98.5 76.0 114.0





#47

Bromodichloromethane

Concen: 20.94 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

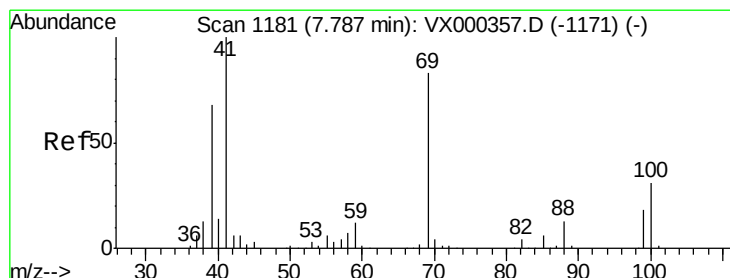
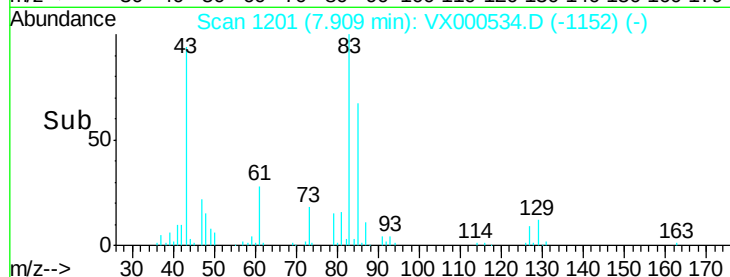
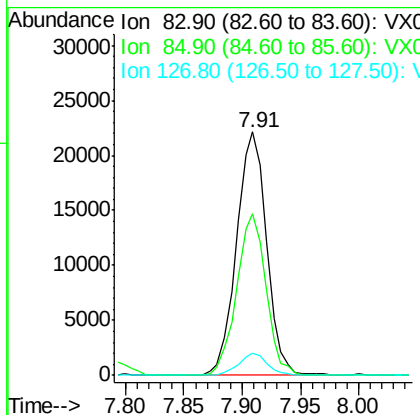
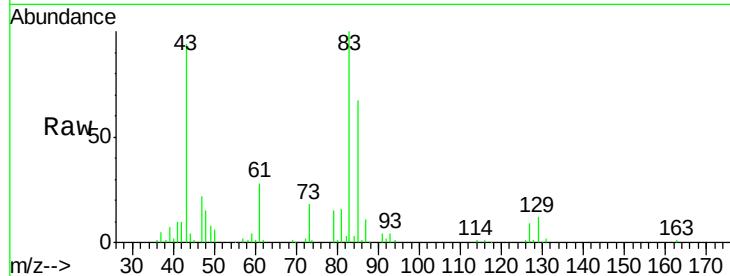
ClientSampleId :

VX0329WBSD02

Tot Ion:	83	Resp:	39960
Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.4	77.0
127	8.9	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.21 ug/l

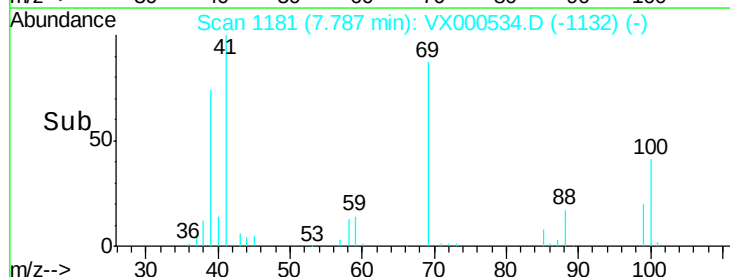
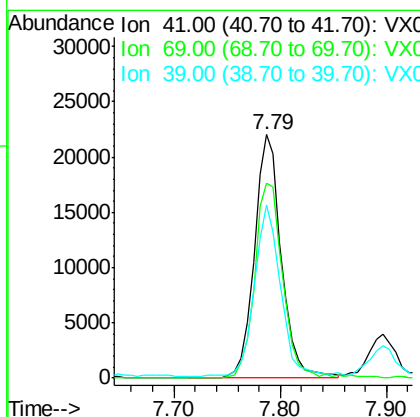
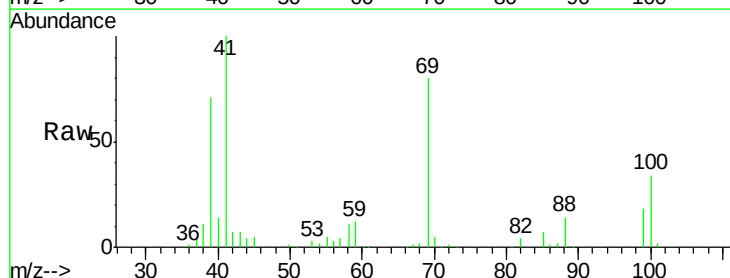
RT: 7.79 min Scan# 1181

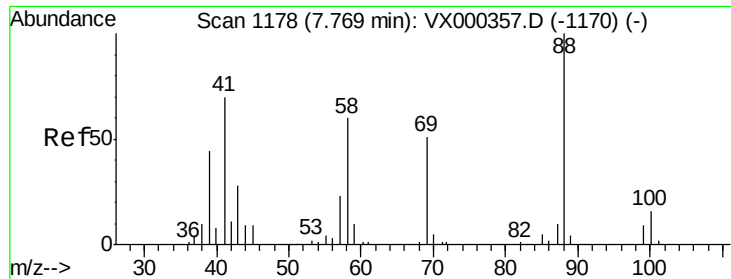
Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Tgt Ion:	41	Resp:	38935
Ion	Ratio	Lower	Upper
41	100		
69	82.9	68.2	102.4
39	67.9	54.6	81.8





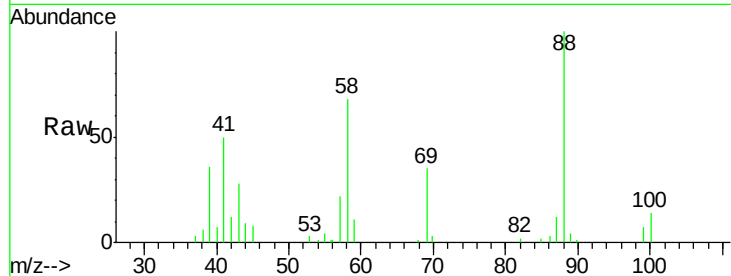
#49
1,4-Dioxane
Concen: 495.45 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD02

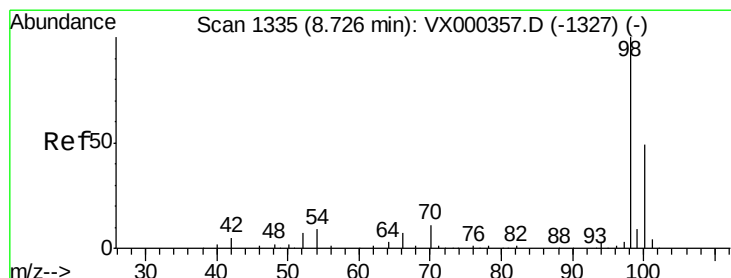
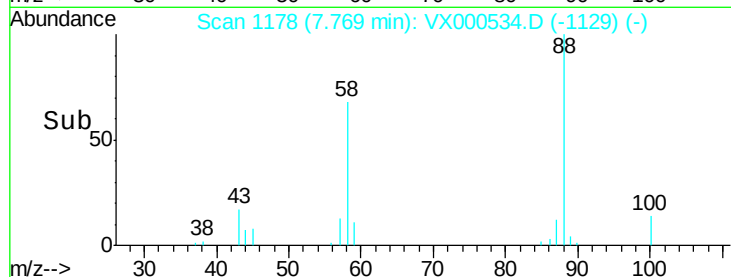
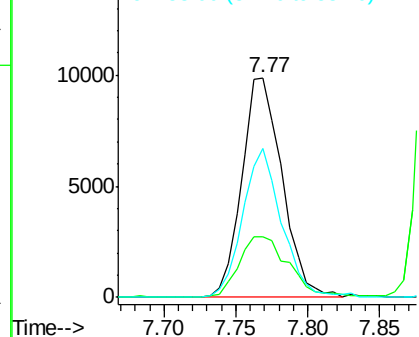
Tot Ion	Ratio	Lower	Upper
88	100		
43	34.4	26.8	40.2
58	65.7	52.2	78.2

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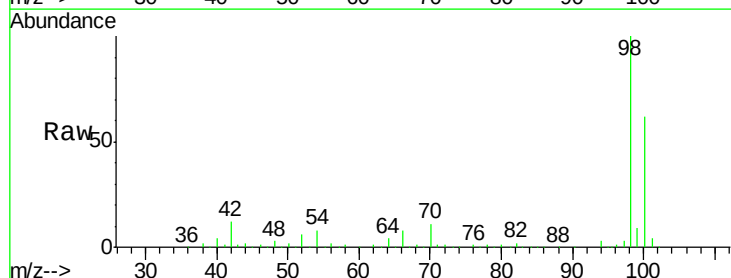


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

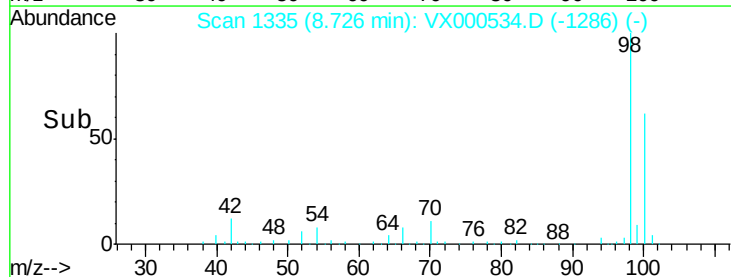
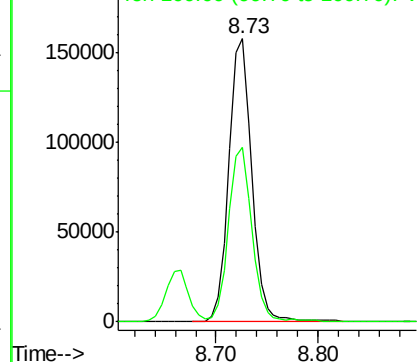


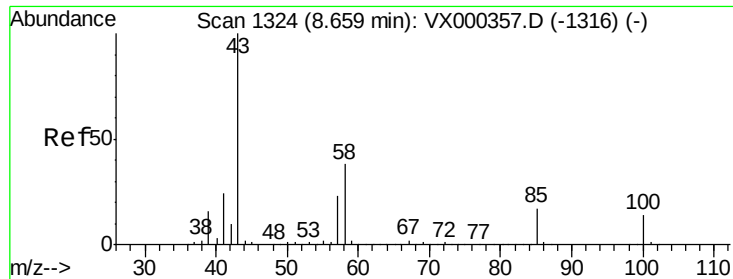
#50
Toluene-d8
Concen: 47.83 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	51.2	76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 110.55 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD02

Tot Ion: 43 Resp: 323468

Ion Ratio Lower Upper

43 100

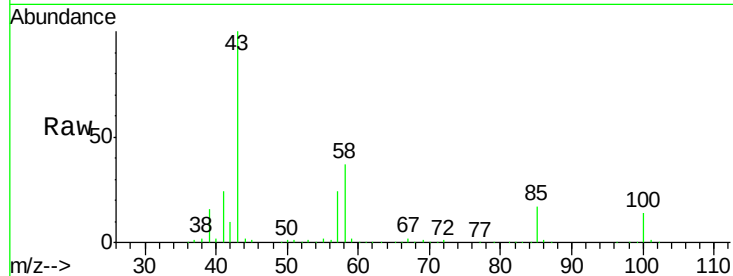
58 35.9 30.3 45.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

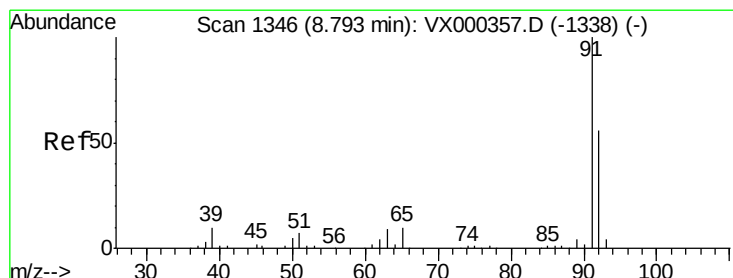
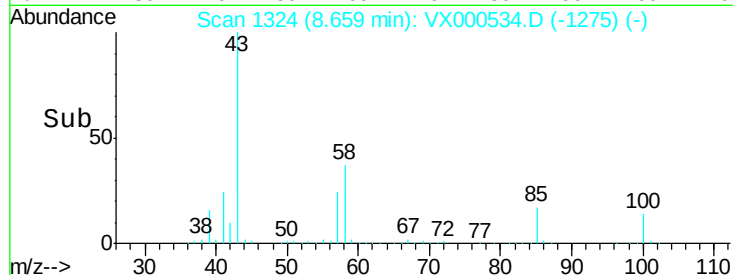
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.66 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000534.D

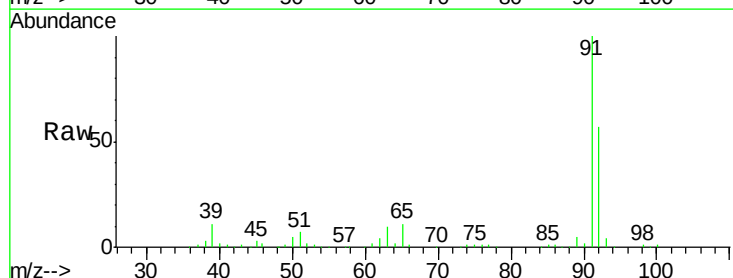
Acq: 30 Mar 2018 01:20

Tgt Ion: 92 Resp: 74207

Ion Ratio Lower Upper

92 100

91 176.5 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

100000

80000

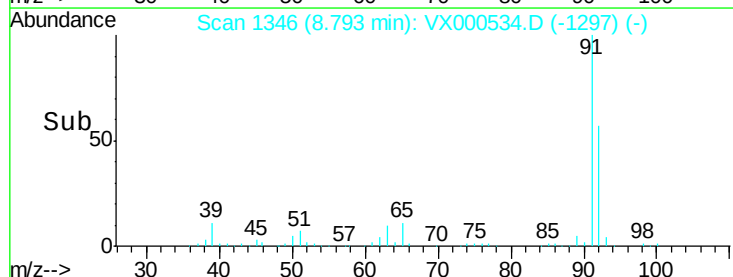
60000

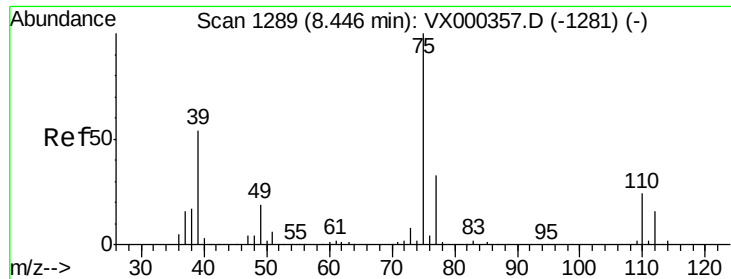
40000

20000

0

Time-->





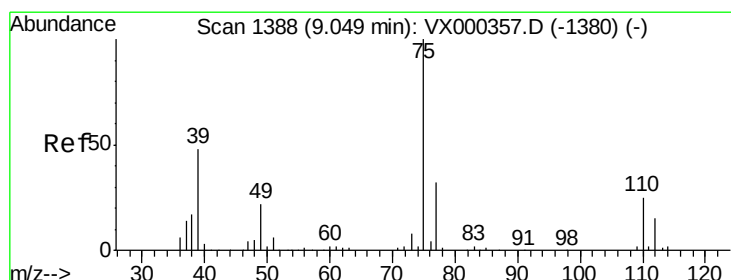
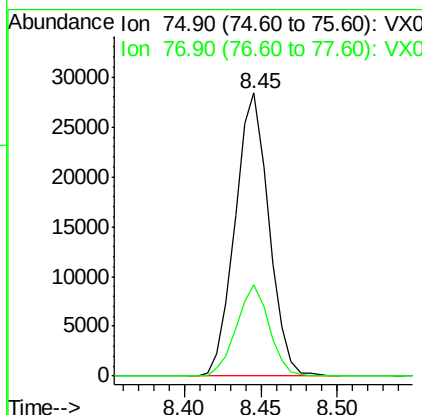
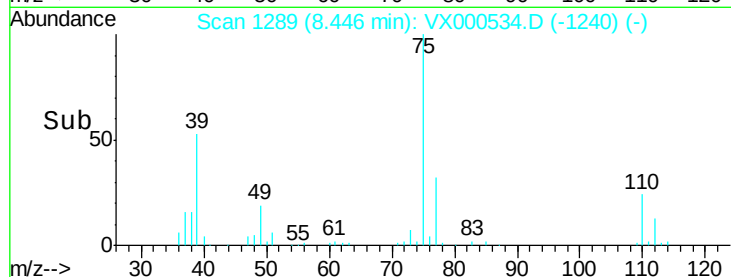
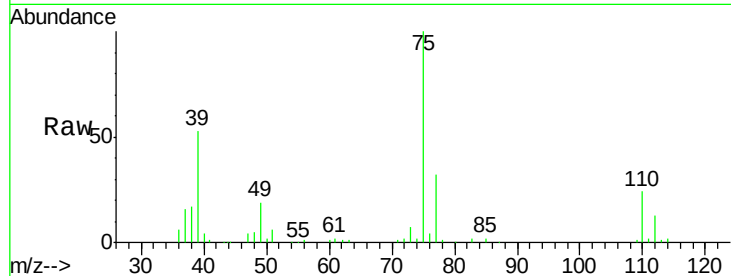
#53
t-1,3-Dichloropropene
Concen: 19.72 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD02

Tot Ion: 75 Resp: 43618
Ion Ratio Lower Upper
75 100
77 32.3 24.0 36.0

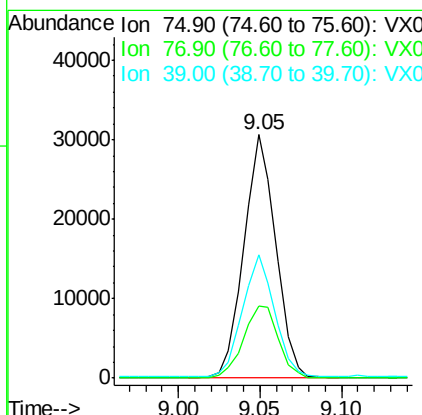
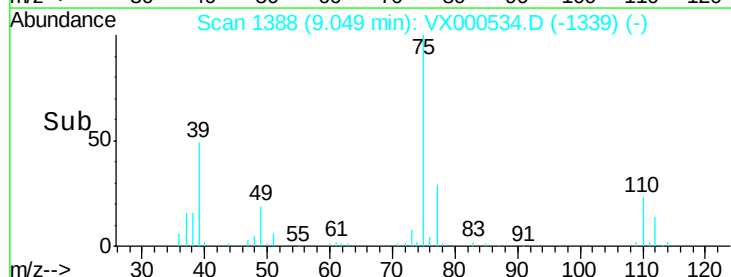
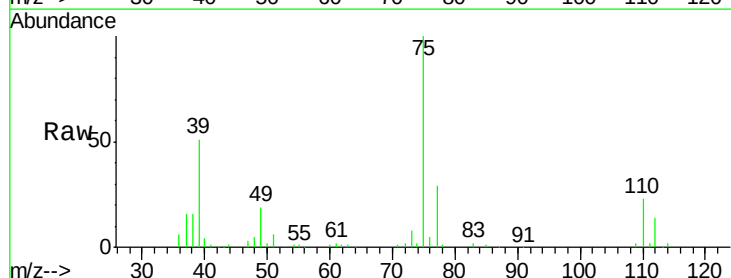
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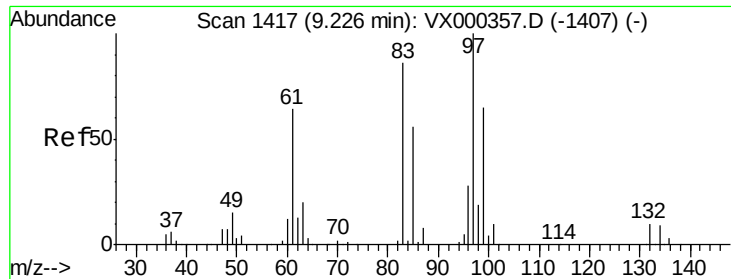
sam
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#54
cis-1,3-Dichloropropene
Concen: 19.51 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Tgt Ion: 75 Resp: 41847
Ion Ratio Lower Upper
75 100
77 29.5 26.1 39.1
39 49.8 39.8 59.6





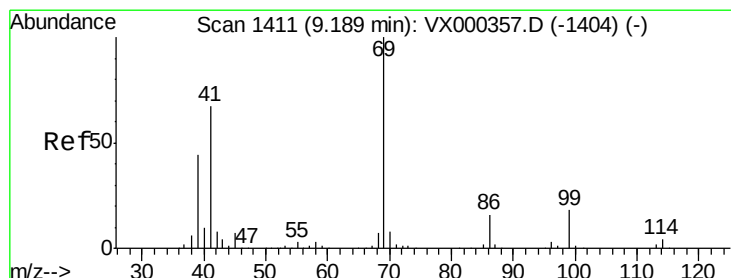
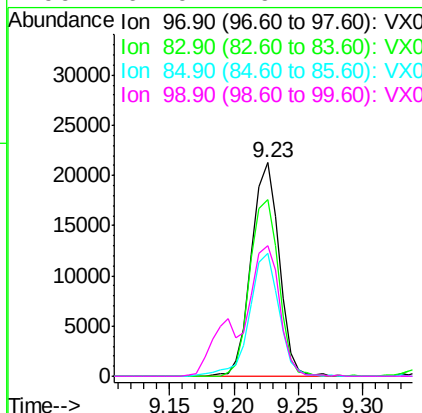
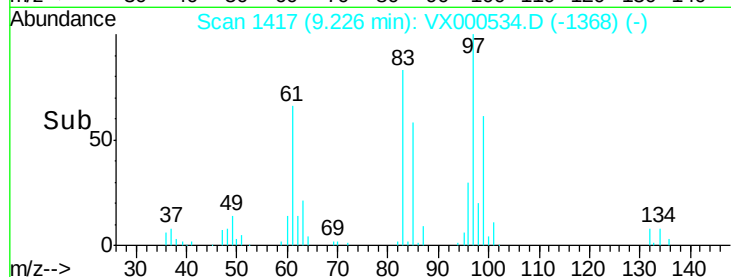
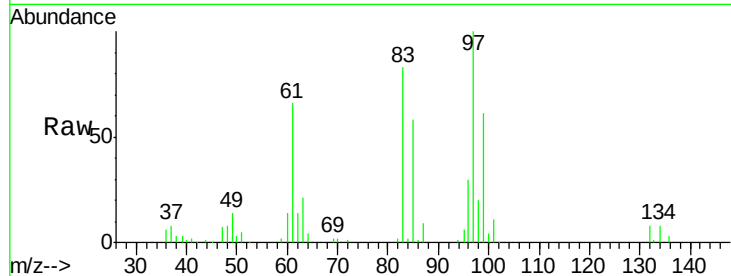
#55
 1,1,2-Trichloroethane
 Concen: 20.39 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD02

Tot Ion:	97	Resp:	31644
Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.9	101.9
85	57.7	42.8	64.2
99	61.0	49.4	74.2

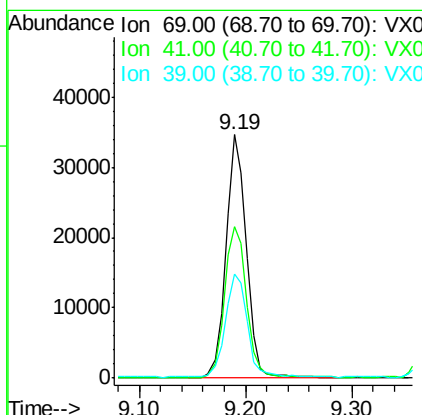
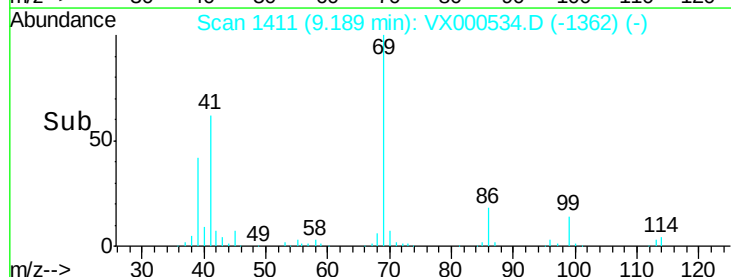
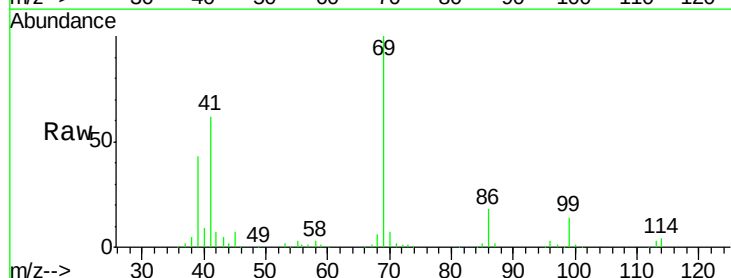
Manual Integrations
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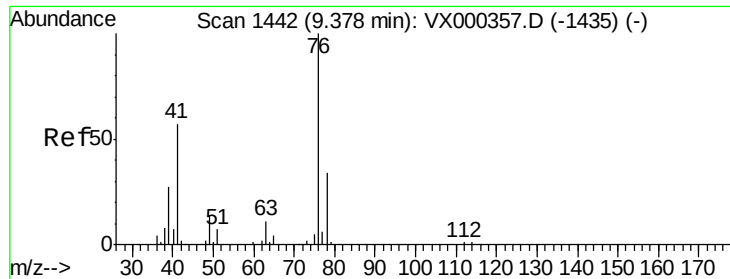
sam
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#56
 Ethyl methacrylate
 Concen: 19.79 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Tgt Ion:	69	Resp:	46553
Ion	Ratio	Lower	Upper
69	100		
41	68.5	53.0	79.6
39	44.7	35.3	52.9





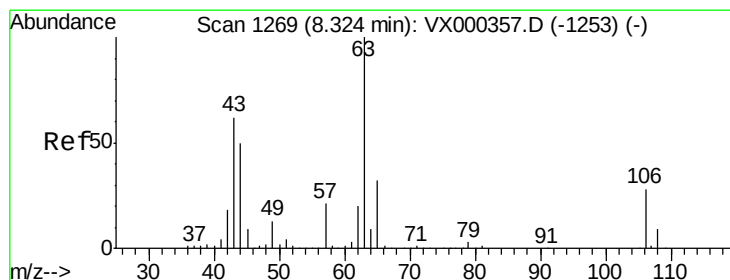
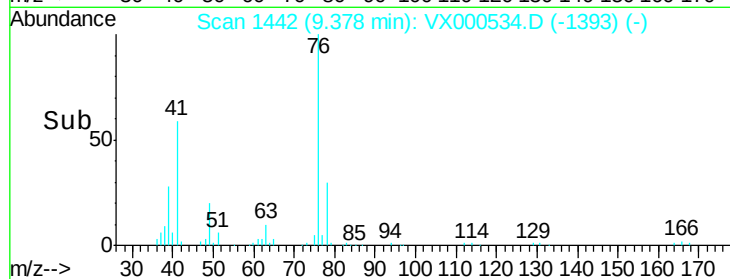
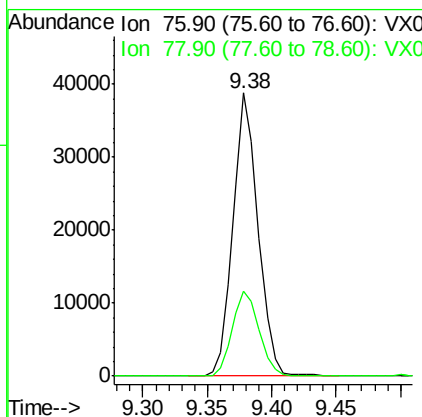
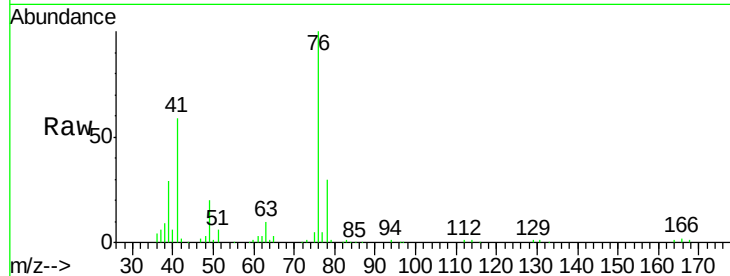
#57
 1,3-Dichloropropane
 Concen: 21.28 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD02

Tot Ion: 76 Resp: 52839
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.4 39.6

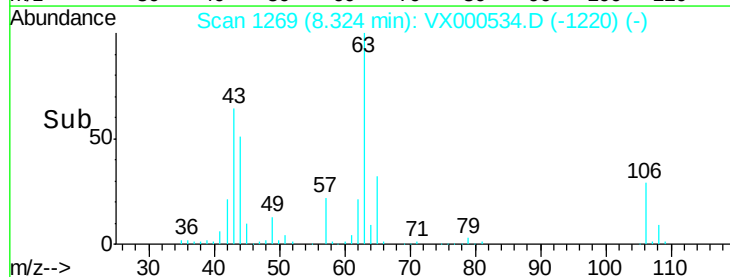
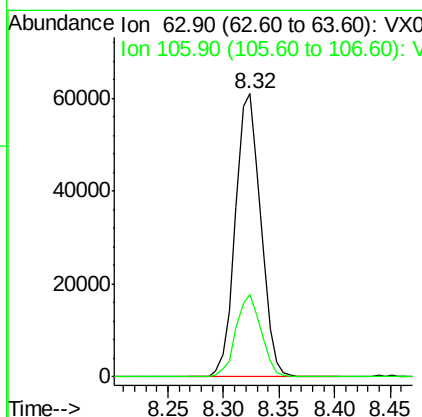
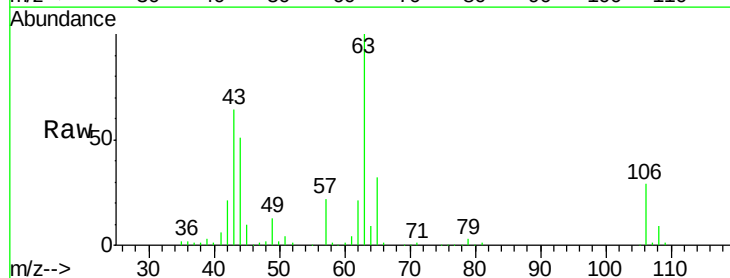
Manual Integrations
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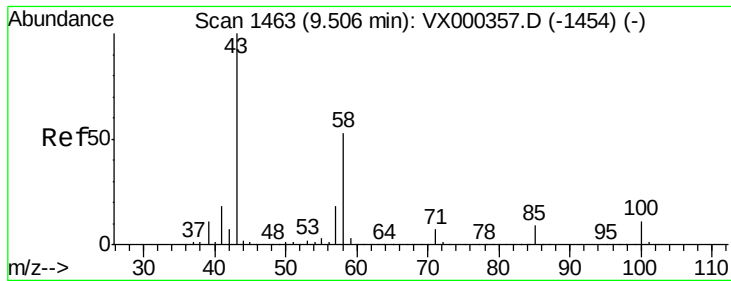
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#58
 2-Chloroethyl Vinyl ether
 Concen: 85.63 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Tgt Ion: 63 Resp: 96661
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.2 34.8





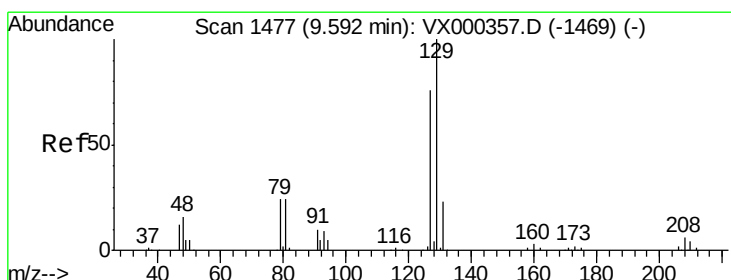
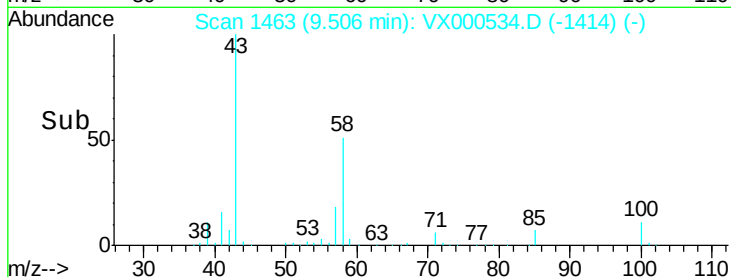
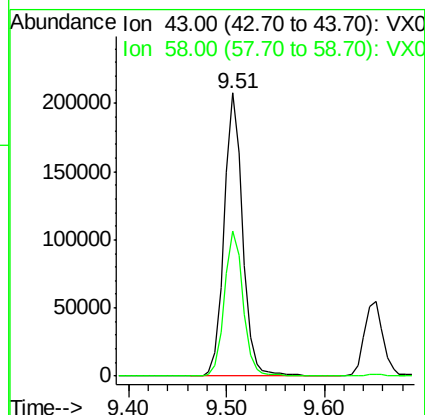
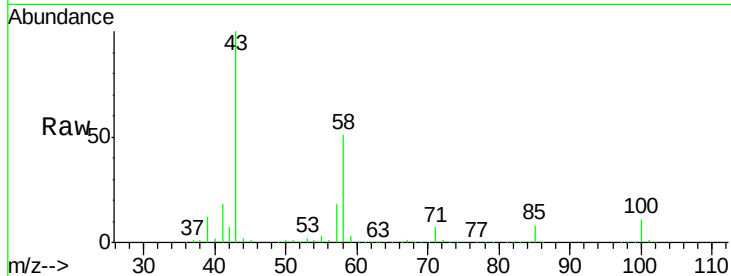
#59
2-Hexanone
Concen: 109.55 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD02

Tot Ion: 43 Resp: 272180
Ion Ratio Lower Upper
43 100
58 52.0 26.6 79.7

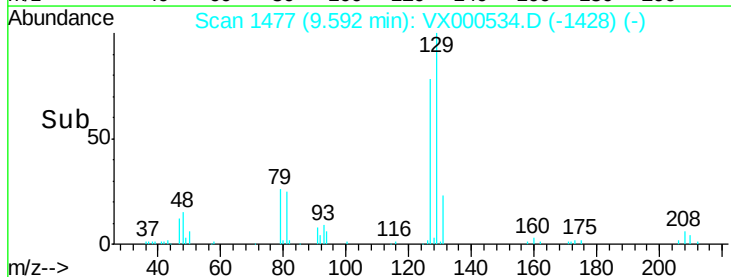
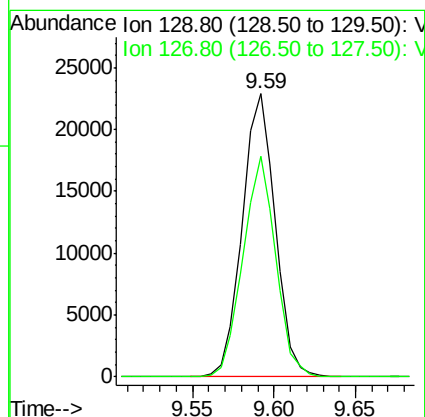
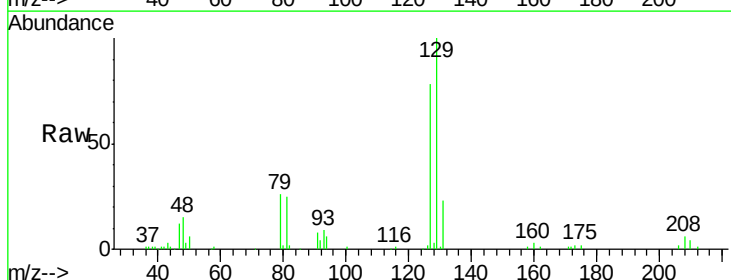
Manual Integrations
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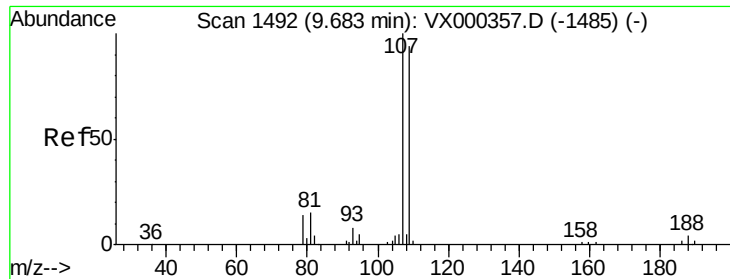
sam
3/30/2018 4:10:35 PM



#60
Dibromochloromethane
Concen: 20.22 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Tgt Ion: 129 Resp: 32242
Ion Ratio Lower Upper
129 100
127 77.1 37.9 113.6





#61

1,2-Dibromoethane

Concen: 20.62 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD02

Tot Ion:107 Resp: 34319

Ion Ratio Lower Upper

107 100

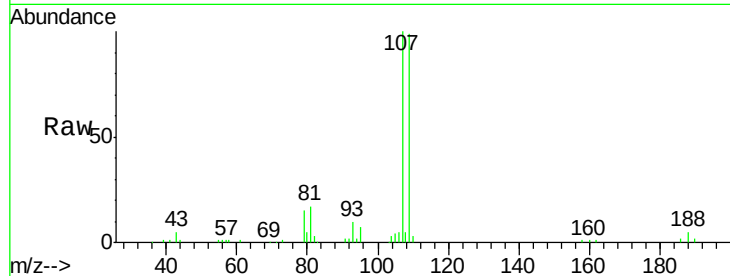
109 93.7 76.1 114.1

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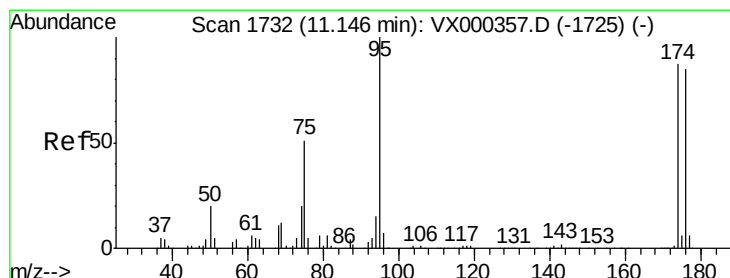
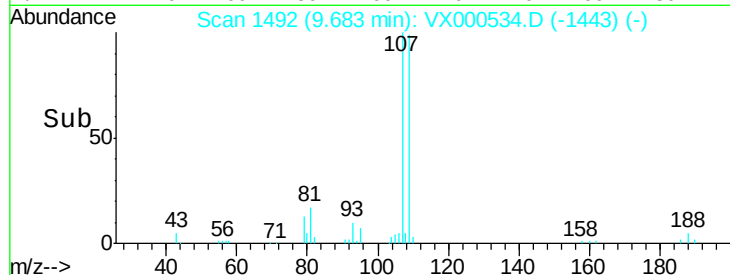
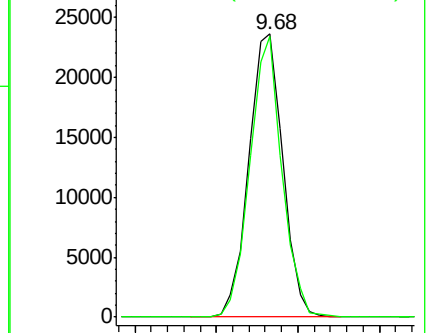
sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.38 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

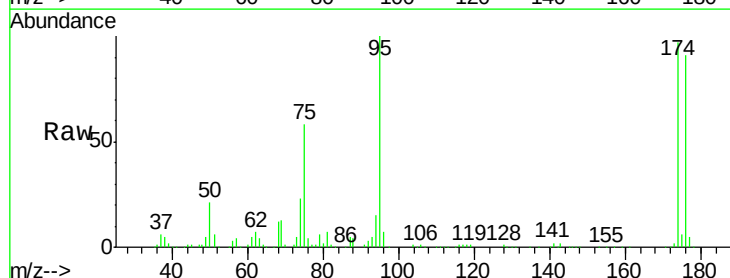
Tgt Ion: 95 Resp: 95394

Ion Ratio Lower Upper

95 100

174 90.0 0.0 173.6

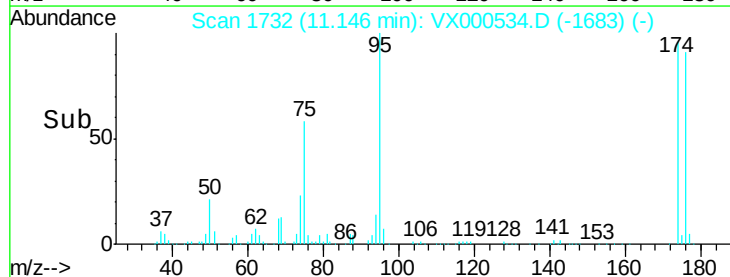
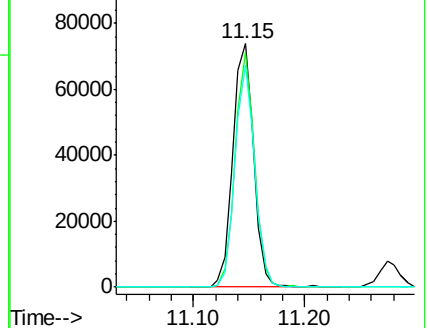
176 86.3 0.0 164.6

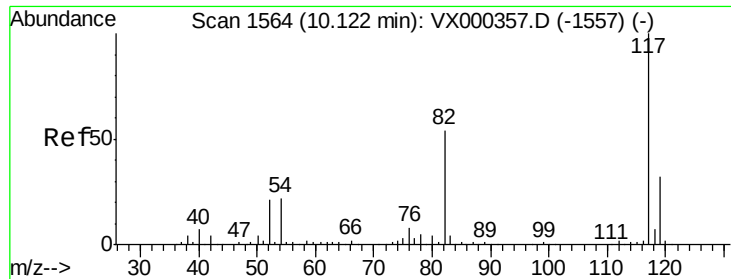


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

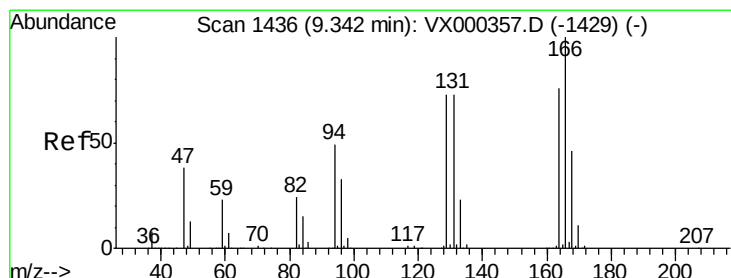
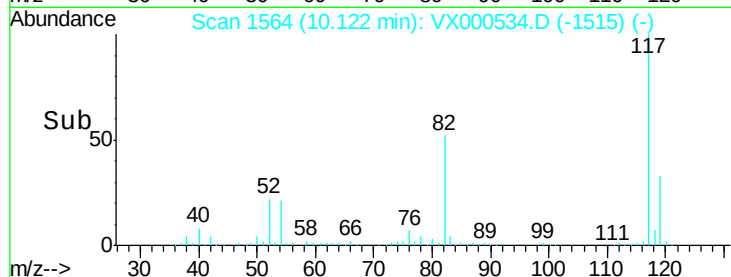
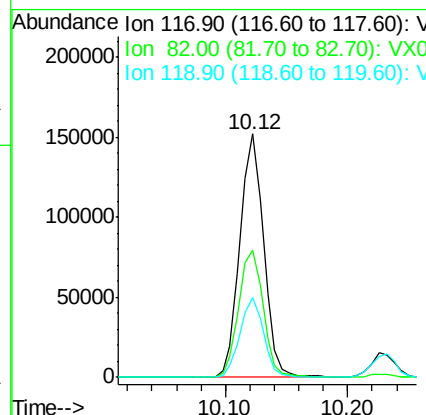
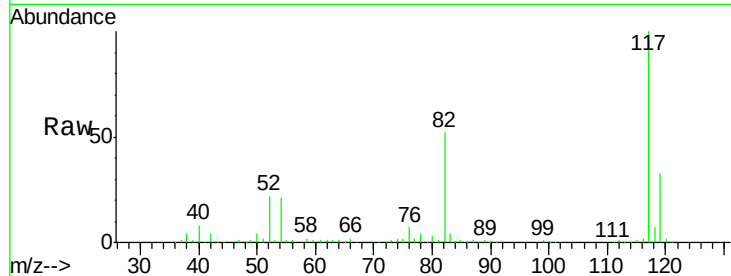
ClientSampleId :

VX0329WBSD02

Tot Ion:	117	Resp:	204331
Ion Ratio	Lower	Upper	
117	100		
82	52.1	43.8	65.8
119	32.8	24.9	37.3

Manual Integrations
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sam
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#64

Tetrachloroethene

Concen: 20.54 ug/l

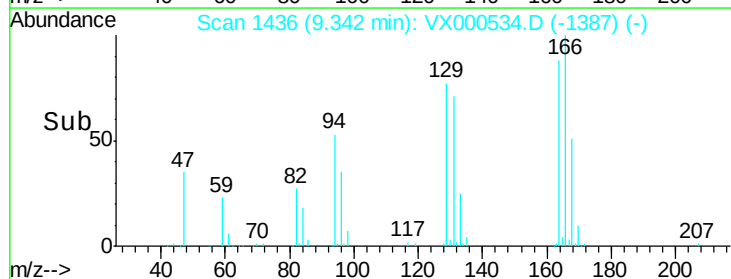
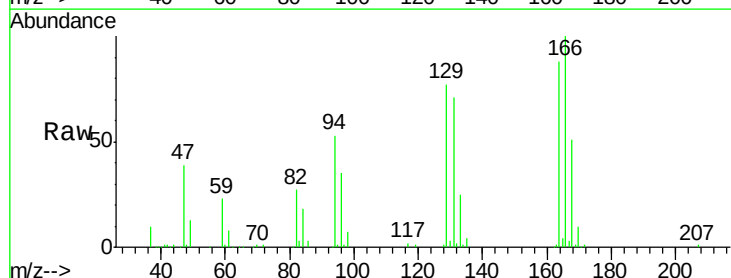
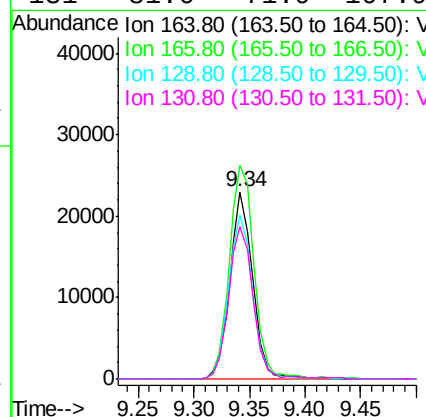
RT: 9.34 min Scan# 1436

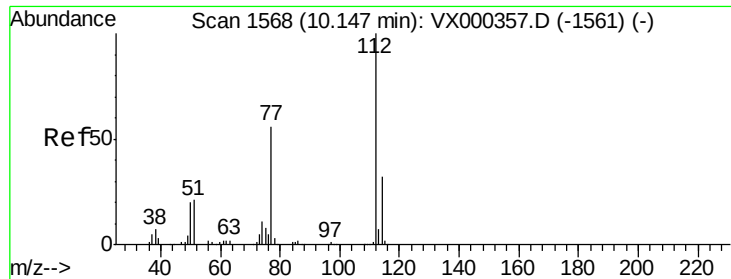
Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Tgt Ion:	164	Resp:	32574
Ion Ratio	Lower	Upper	
164	100		
166	114.1	101.0	151.6
129	87.6	79.0	118.4
131	81.6	71.9	107.9





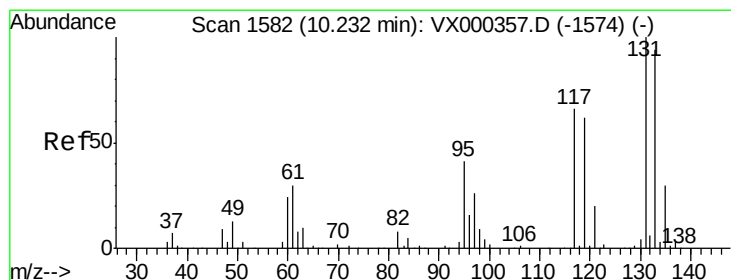
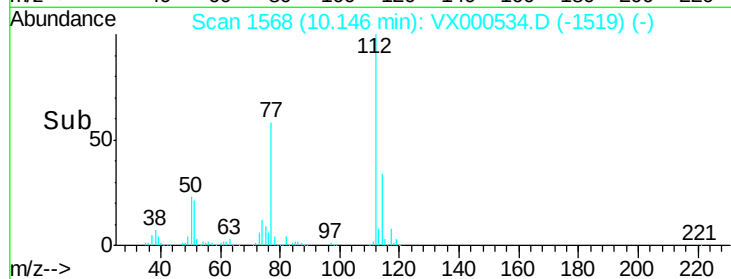
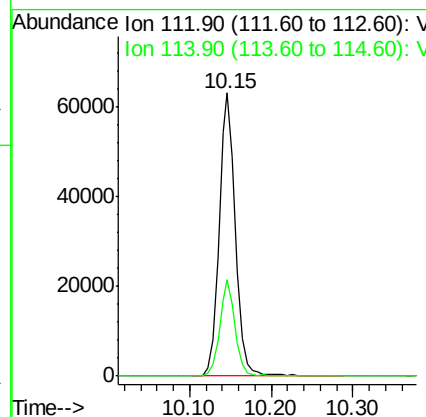
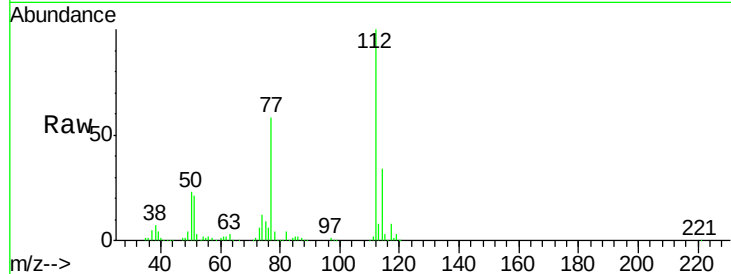
#65
Chlorobenzene
Concen: 19.51 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Instrument :
MSVOA_X
ClientSampled :
VX0329WBSD02

Tot Ion:112 Resp: 88740
Ion Ratio Lower Upper
112 100
114 34.0 25.7 38.5

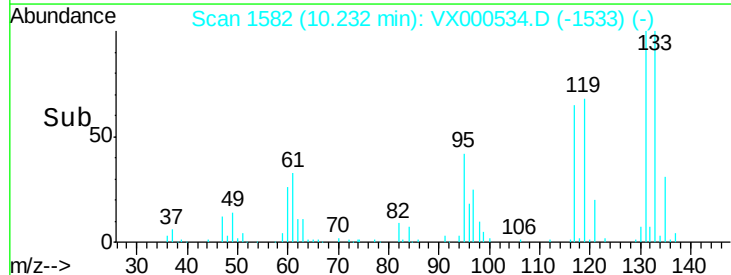
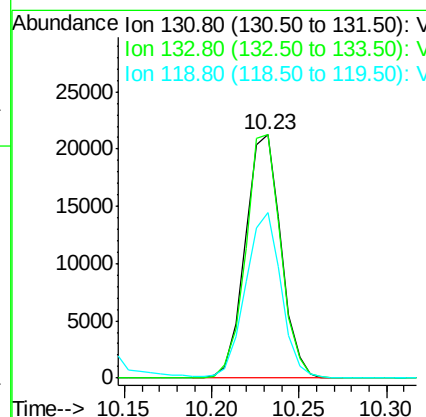
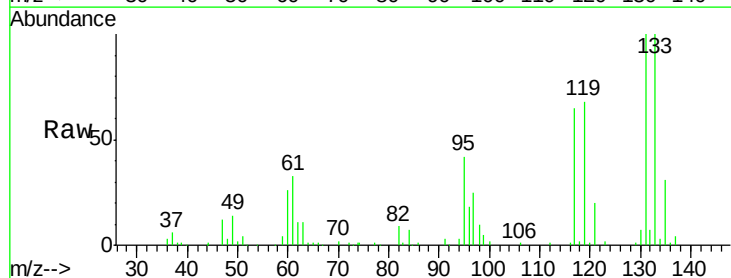
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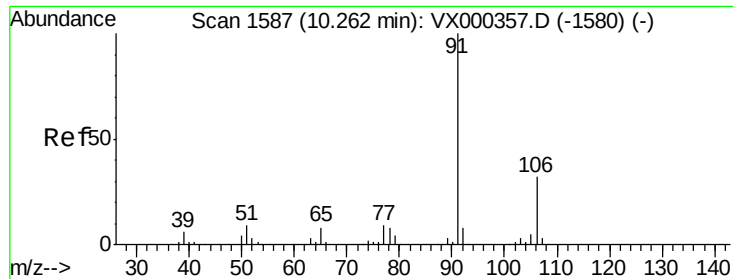
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.43 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Tgt Ion:131 Resp: 30001
Ion Ratio Lower Upper
131 100
133 98.2 47.1 141.3
119 68.0 33.1 99.2





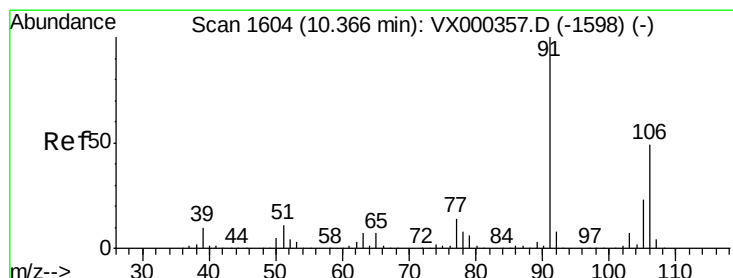
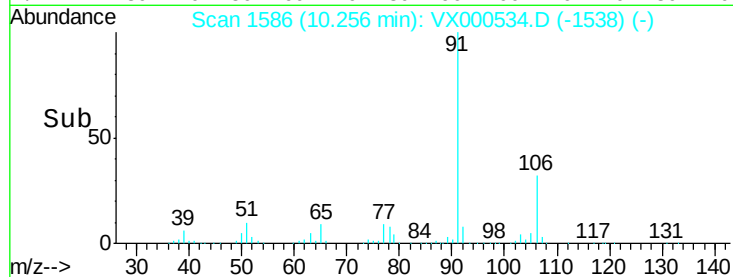
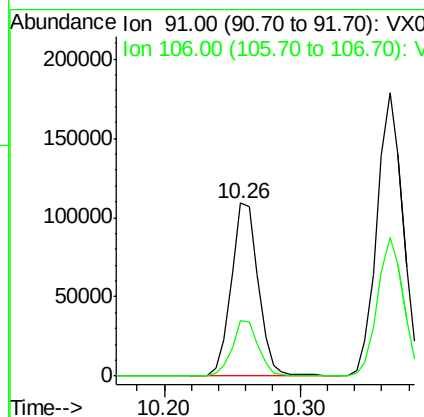
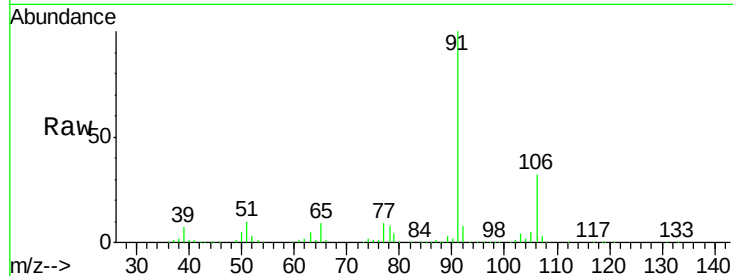
#67
Ethyl Benzene
Concen: 19.63 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD02

Tot Ion: 91 Resp: 151282
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6

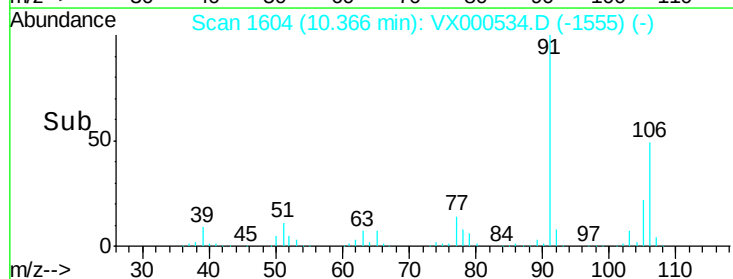
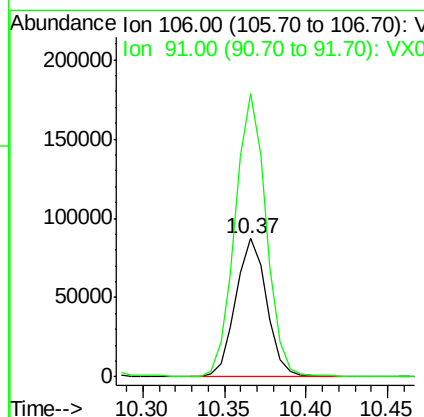
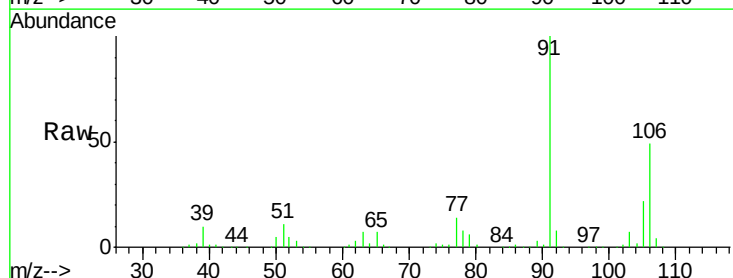
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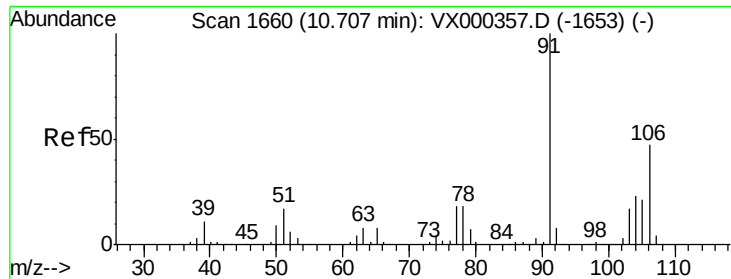
sam
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#68
m/p-Xylenes
Concen: 38.13 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Tgt Ion: 106 Resp: 115649
Ion Ratio Lower Upper
106 100
91 205.3 163.4 245.2





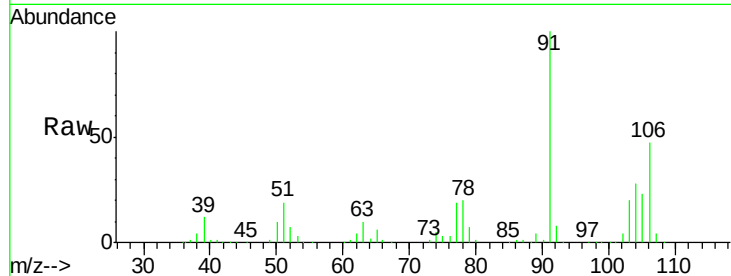
#69
o-Xylene
Concen: 19.40 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Instrument :
MSVOA_X
ClientSampleID :
VX0329WBSD02

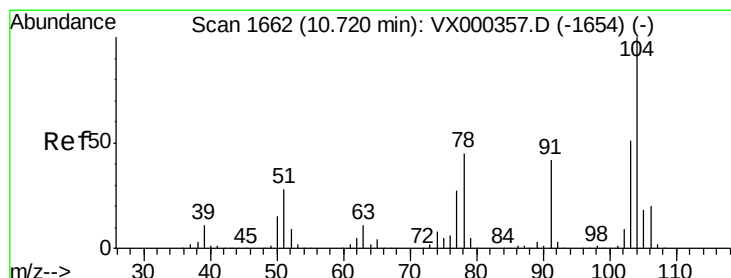
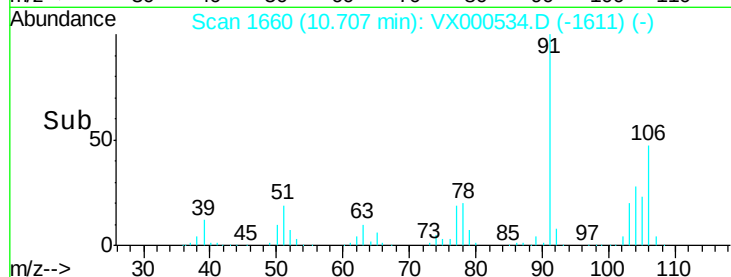
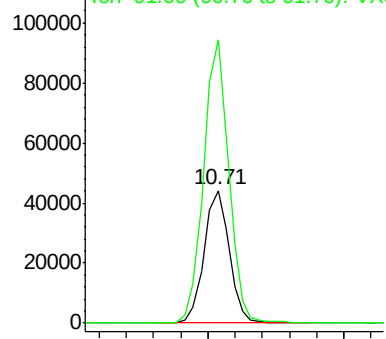
Tot Ion:106 Resp: 56967
Ion Ratio Lower Upper
106 100
91 213.1 106.5 319.6

Manual Integrations
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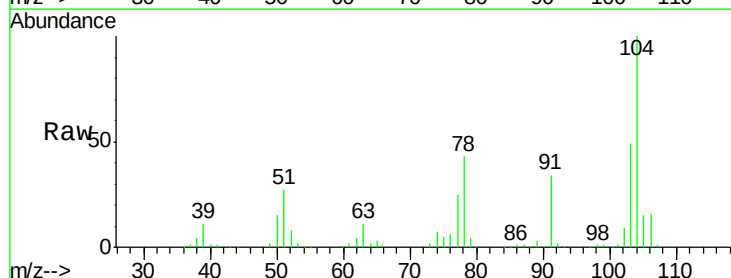


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

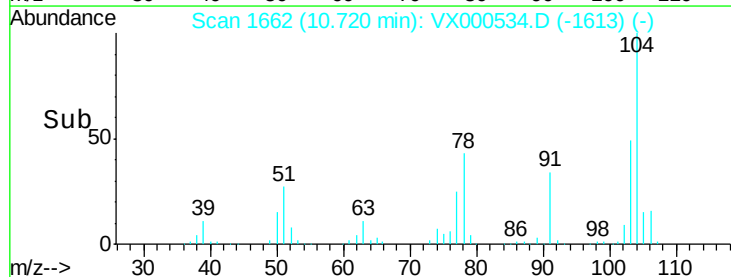
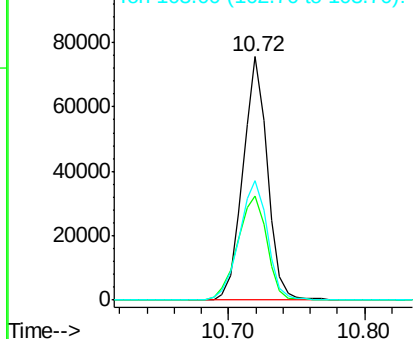


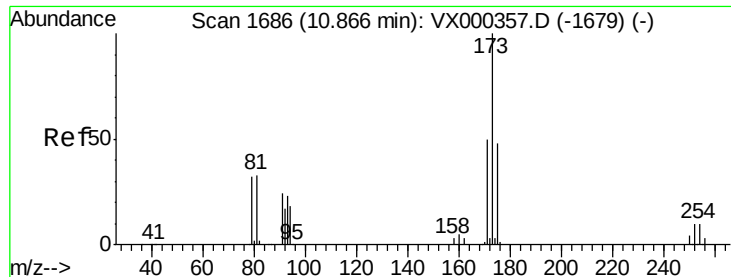
#70
Styrene
Concen: 19.50 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Tgt Ion:104 Resp: 94762
Ion Ratio Lower Upper
104 100
78 51.4 40.5 60.7
103 56.5 45.7 68.5



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





#71

Bromoform

Concen: 19.14 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD02

Tot Ion:173 Resp: 25566

Ion Ratio Lower Upper

173 100

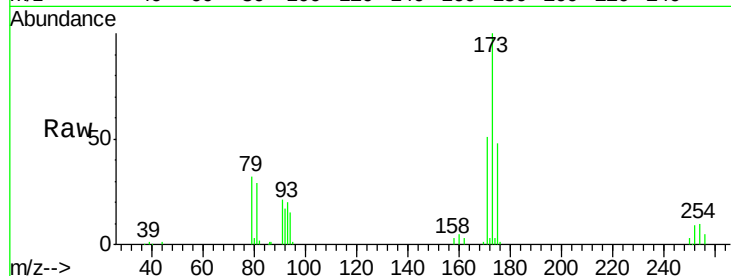
175 48.7 25.4 76.4

254 0.0 0.0 0.0

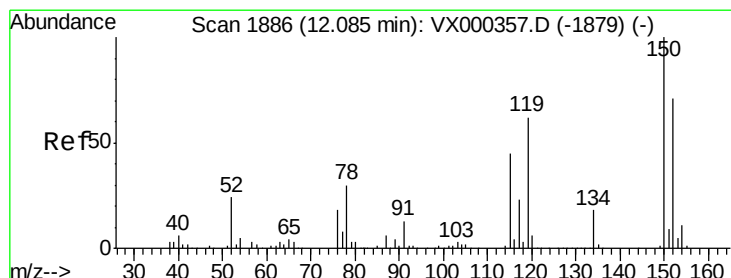
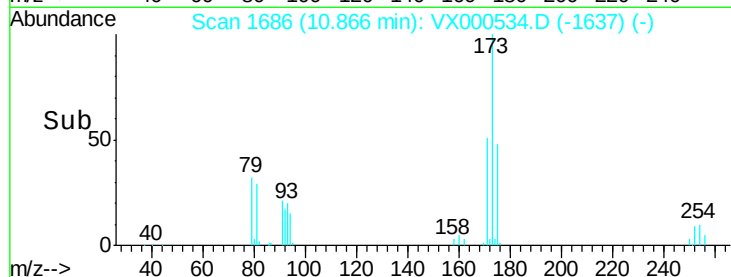
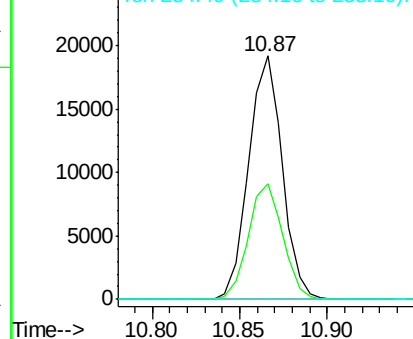
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

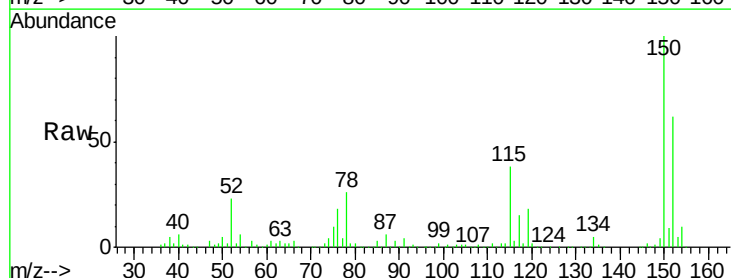
Tgt Ion:152 Resp: 122215

Ion Ratio Lower Upper

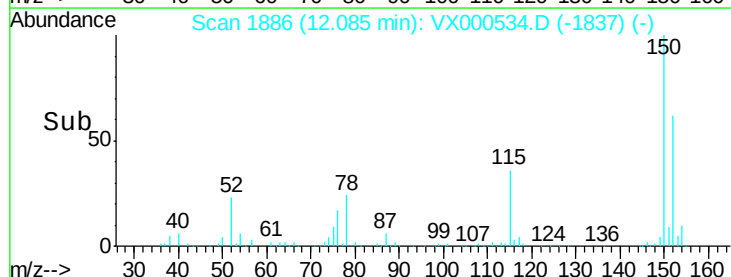
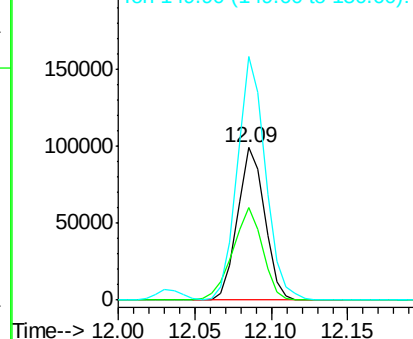
152 100

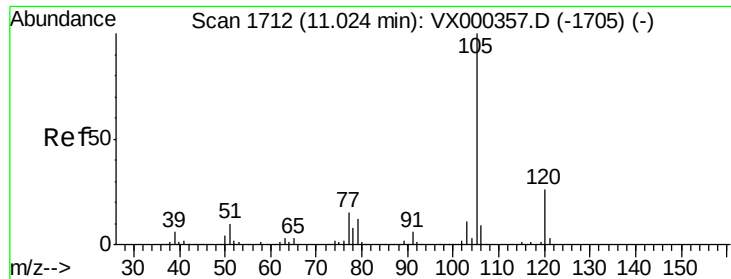
115 66.6 39.8 119.3

150 165.2 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





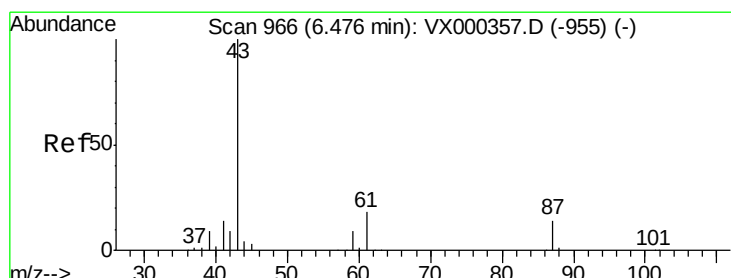
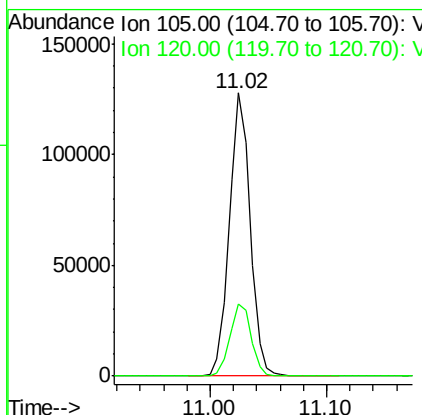
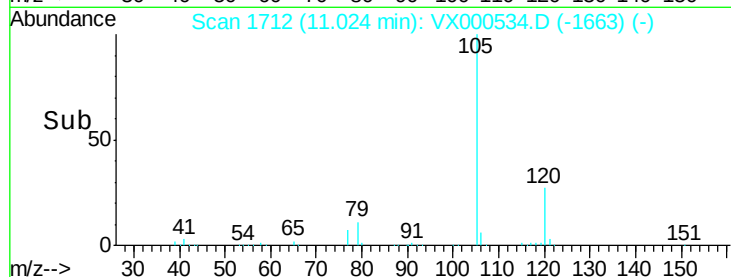
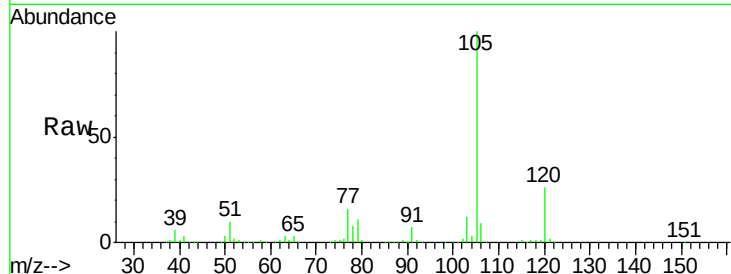
#73
Isopropylbenzene
Concen: 19.70 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.6	40.7

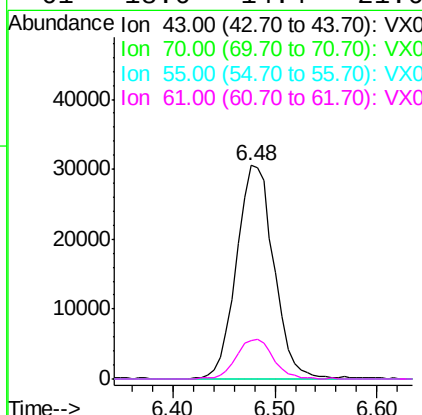
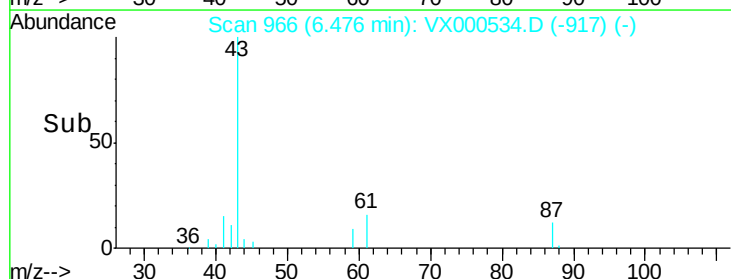
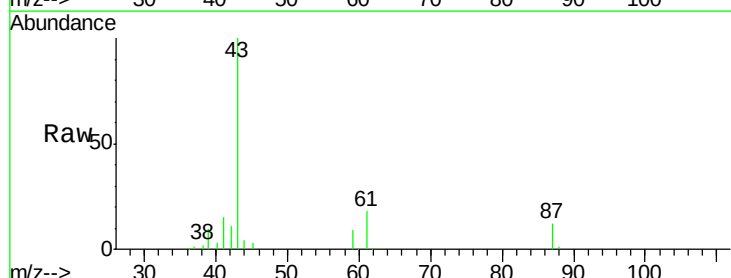
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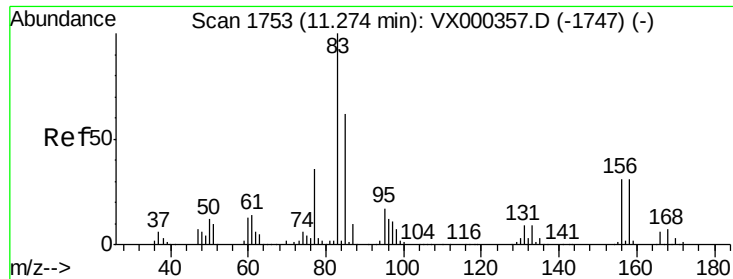
sam
3/30/2018 4:10:35 PM



#74
N-ethyl acetate
Concen: 20.07 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	18.6	14.4	21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.28 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

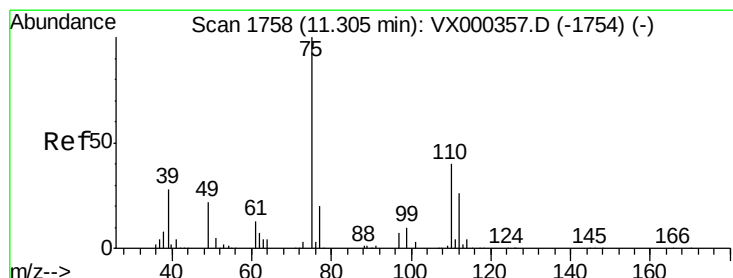
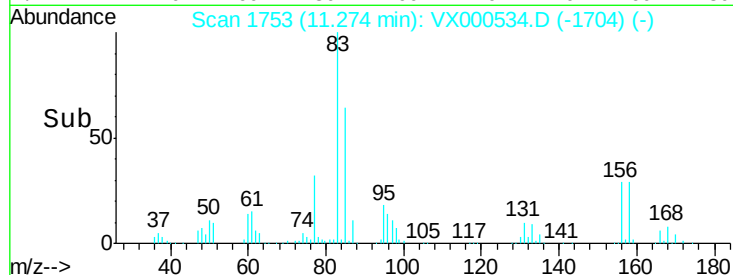
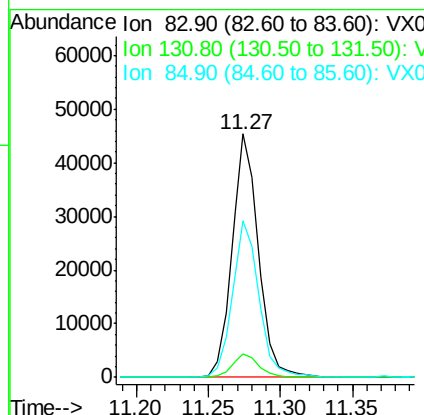
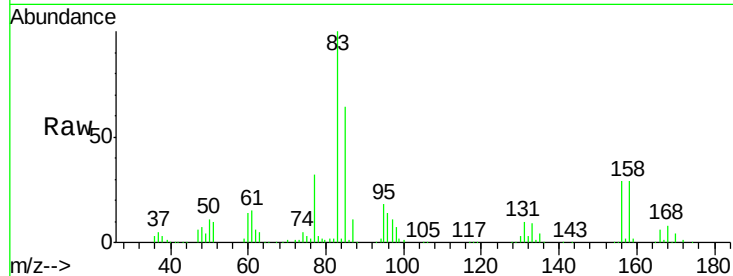
ClientSampleId :

VX0329WBSD02

Tot Ion:	83	Resp:	58082
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	14.9
85	65.1	32.5	97.5

Manual Integrations
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3/30/2018 4:10:35 PM



#76

1,2,3-Trichloropropane

Concen: 20.43 ug/l m

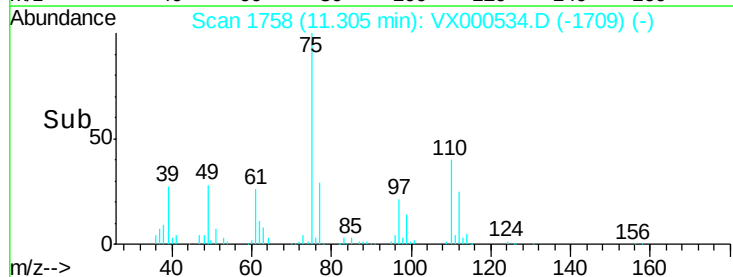
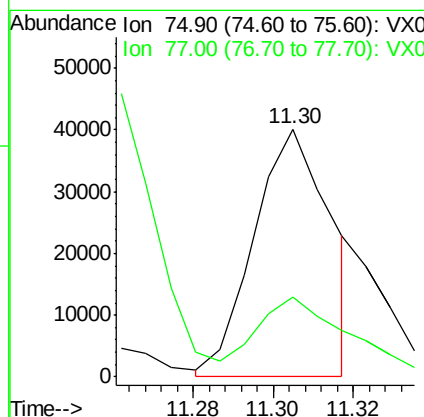
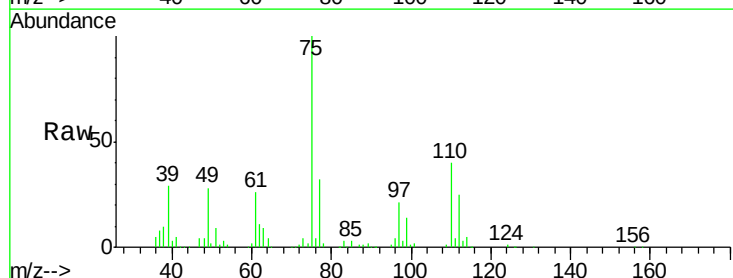
RT: 11.30 min Scan# 1758

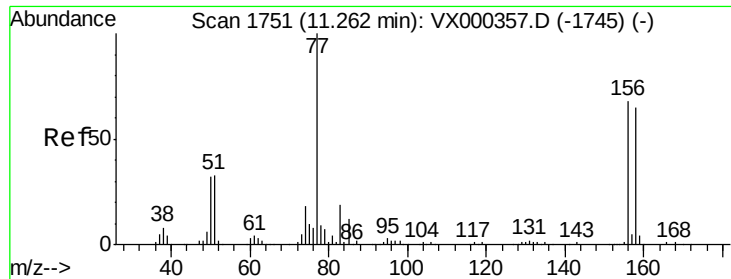
Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Tgt Ion:	75	Resp:	53653
Ion Ratio	Lower	Upper	
75	100		
77	38.9	21.4	64.2





#77

Bromobenzene

Concen: 18.70 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD02

Tot Ion:156 Resp: 40329

Ion Ratio Lower Upper

156 100

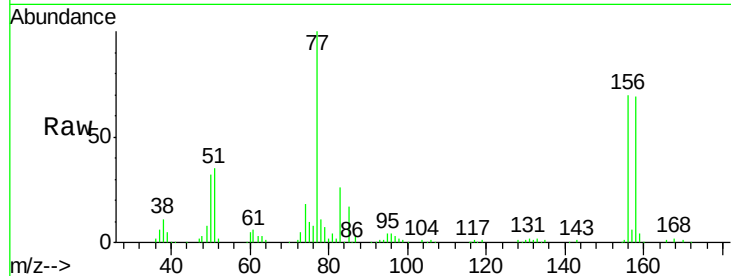
77 147.3 73.4 220.2

158 99.2 48.5 145.6

Manual Integrations
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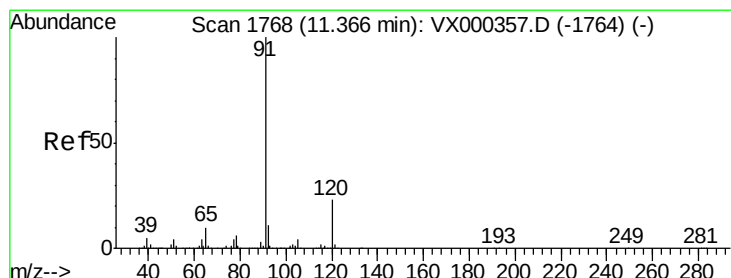
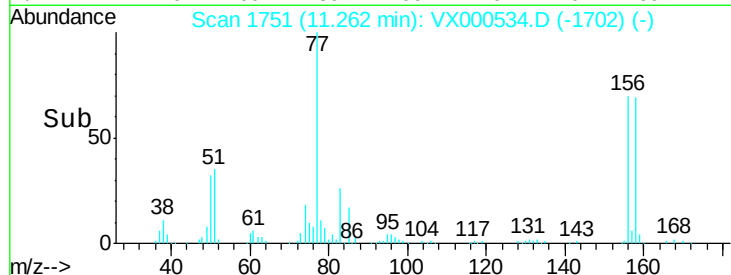
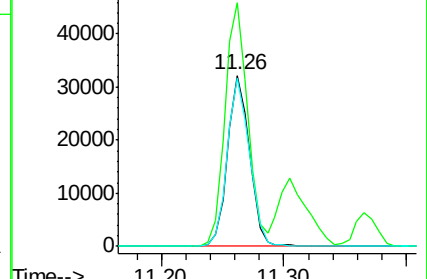
3/30/2018 4:10:35 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.33 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000534.D

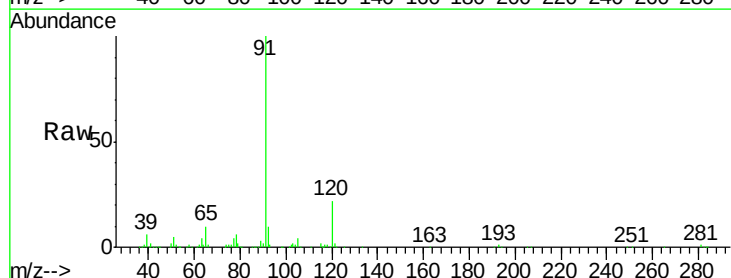
Acq: 30 Mar 2018 01:20

Tgt Ion: 91 Resp: 186596

Ion Ratio Lower Upper

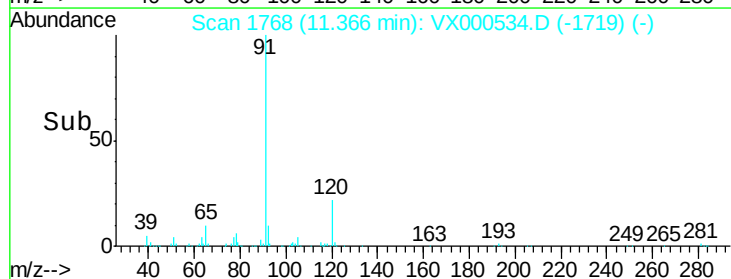
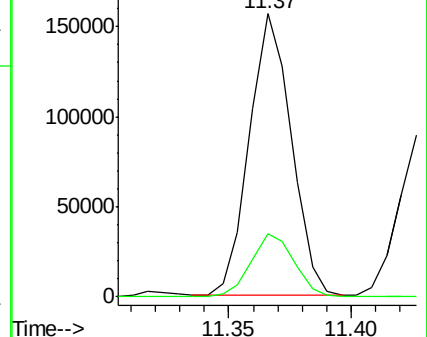
91 100

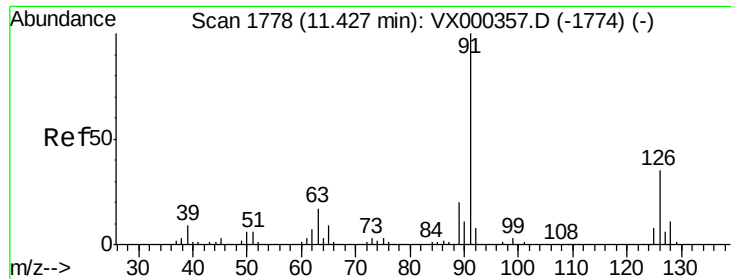
120 23.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.27 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

ClientSampled :

VX0329WBSD02

Tot Ion: 91 Resp: 107463

Ion Ratio Lower Upper

91 100

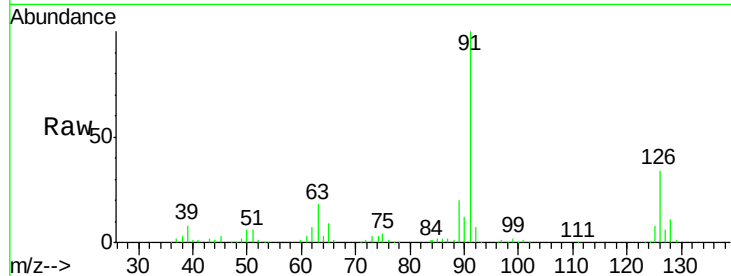
126 36.3 17.7 53.1

Manual Integrations

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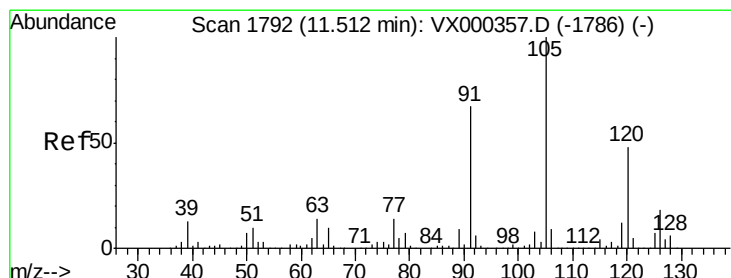
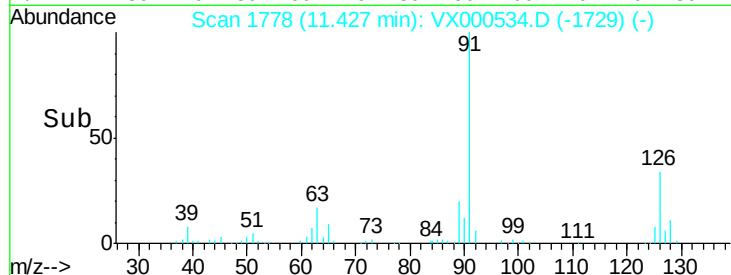
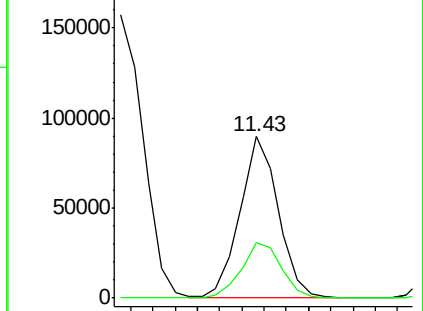
sam

3/30/2018 4:10:35 PM



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: 19.56 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000534.D

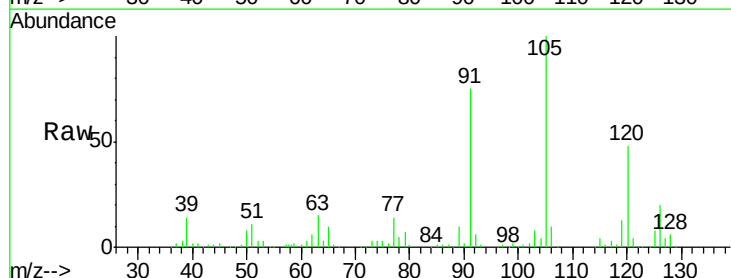
Acq: 30 Mar 2018 01:20

Tgt Ion: 105 Resp: 133175

Ion Ratio Lower Upper

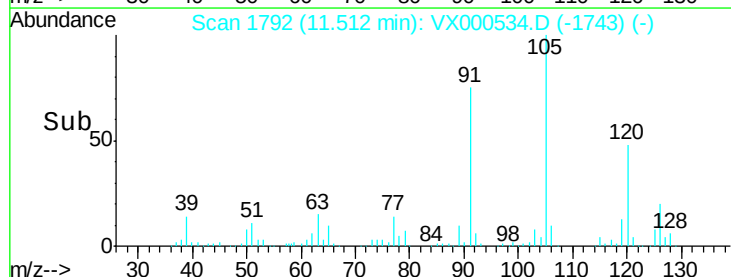
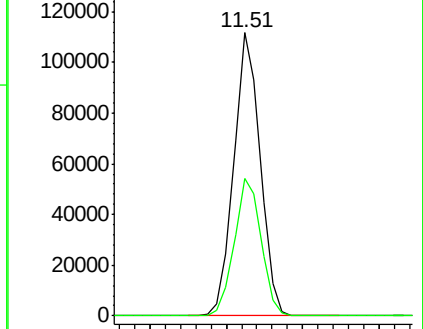
105 100

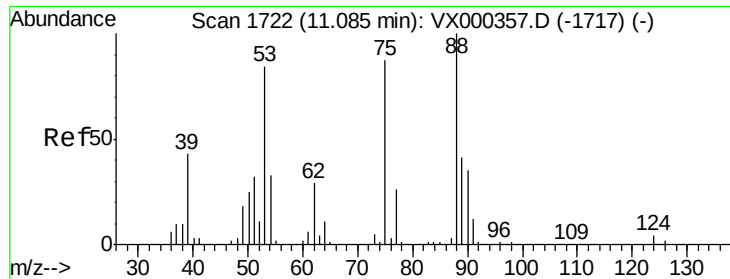
120 49.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





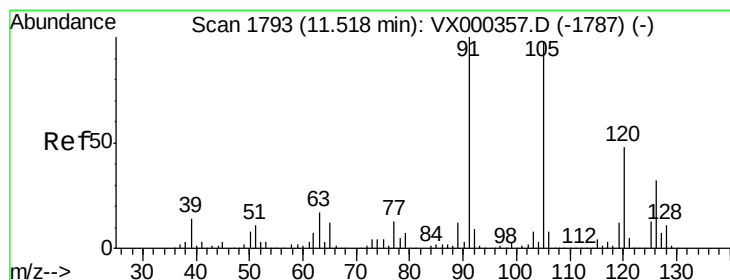
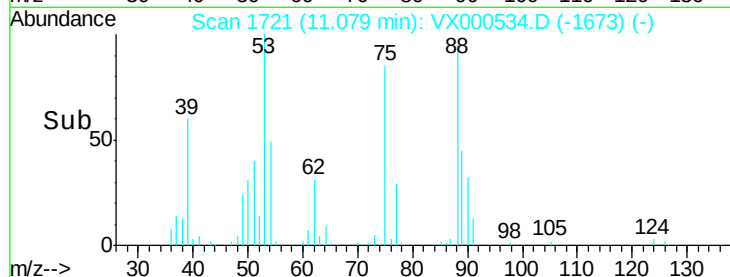
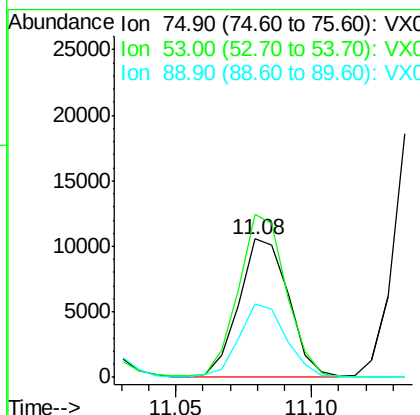
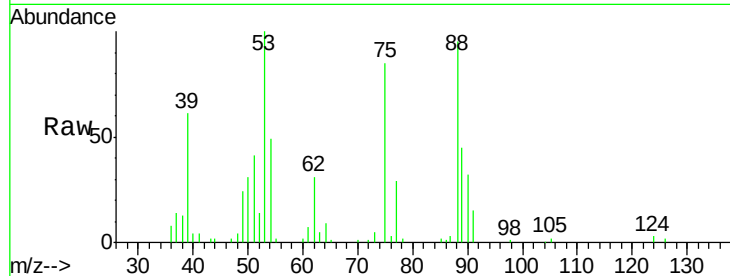
#81
trans-1,4-Dichloro-2-butene
Concen: 16.36 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.01 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Instrument :
MSVOA_X
ClientSampled :
VX0329WBSD02

Tot Ion: 75 Resp: 13269
Ion Ratio Lower Upper
75 100
53 114.7 80.7 121.1
89 51.9 39.4 59.0

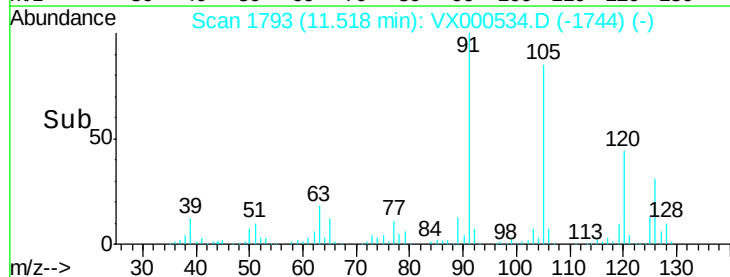
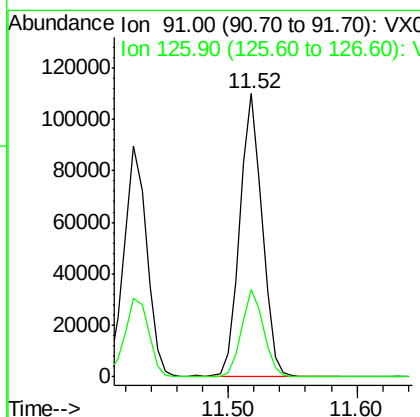
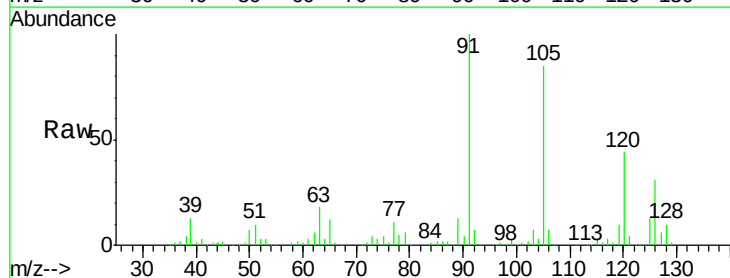
Manual Integrations
APPROVED

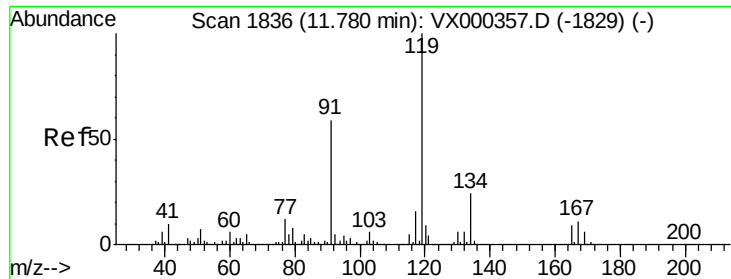
sam
3/30/2018 4:10:35 PM



#82
4-Chlorotoluene
Concen: 19.90 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Tgt Ion: 91 Resp: 132524
Ion Ratio Lower Upper
91 100
126 30.5 15.4 46.1





#83

tert-Butylbenzene

Concen: 19.15 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

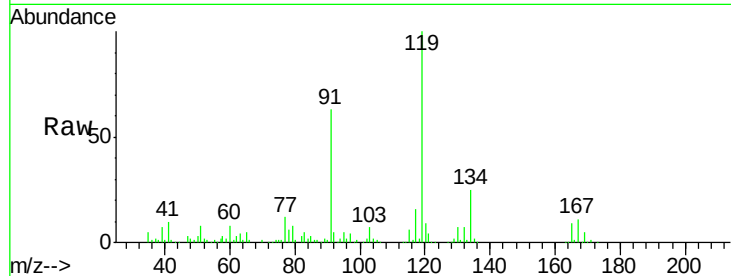
ClientSampled :

VX0329WBSD02

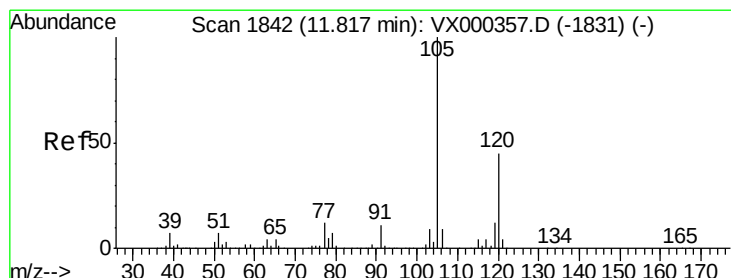
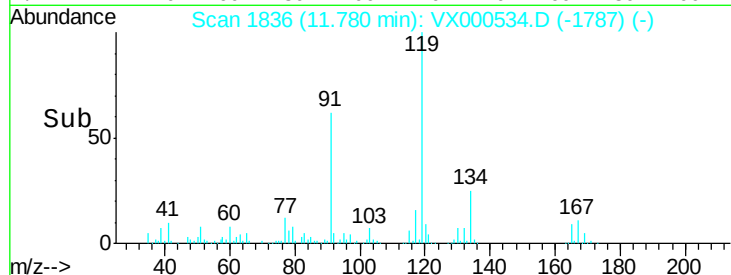
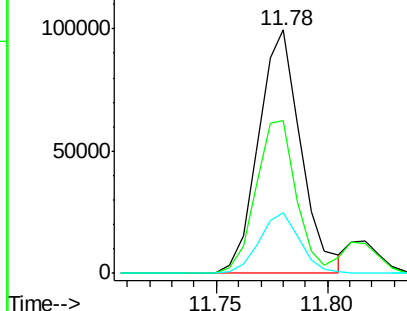
Tot Ion:	119	Resp:	131467
Ion Ratio	Lower	Upper	
119	100		
91	59.8	28.8	86.4
134	23.7	11.4	34.1

Manual Integrations
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sam
3/30/2018 4:10:35 PM



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



#84

1,2,4-Trimethylbenzene

Concen: 19.57 ug/l

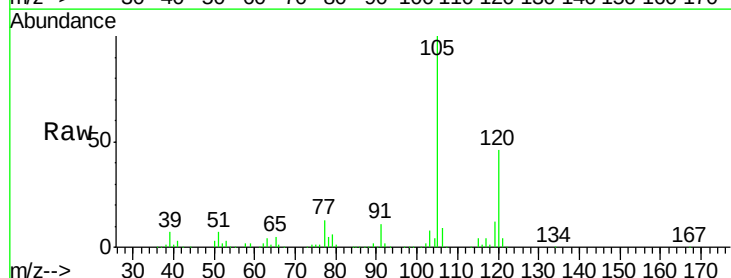
RT: 11.82 min Scan# 1842

Delta R.T. -0.00 min

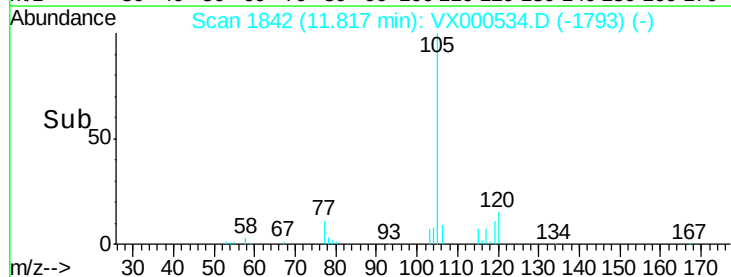
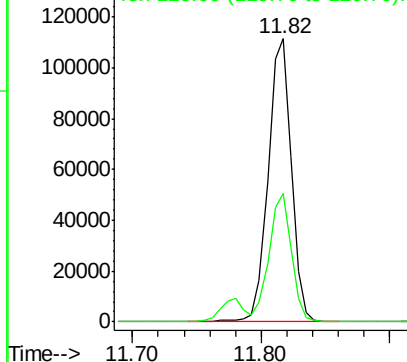
Lab File: VX000534.D

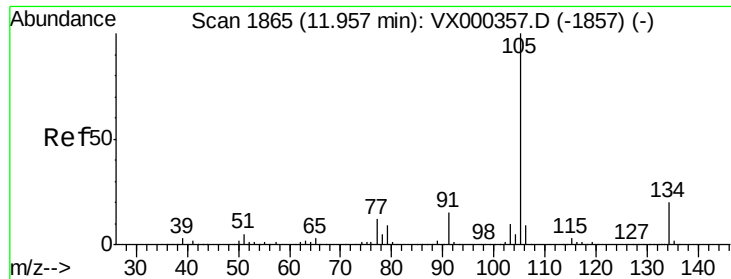
Acq: 30 Mar 2018 01:20

Tgt Ion:	105	Resp:	139735
Ion Ratio	Lower	Upper	
105	100		
120	43.8	22.4	67.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.70 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD02

Tot Ion:105 Resp: 167379

Ion Ratio Lower Upper

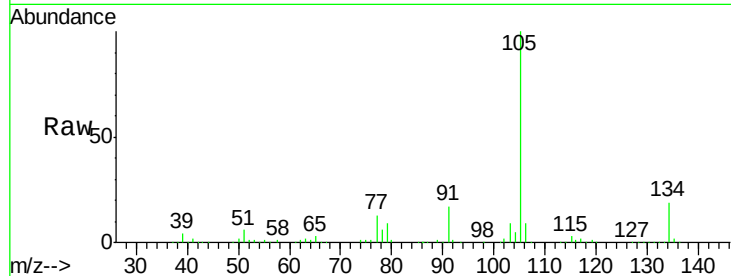
105 100

134 21.1 10.3 30.8

Manual Integrations
APPROVED

sam

3/30/2018 4:10:35 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

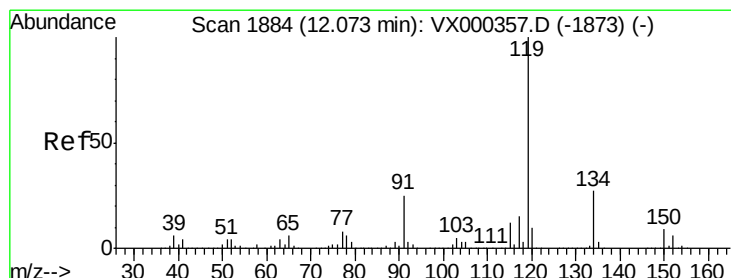
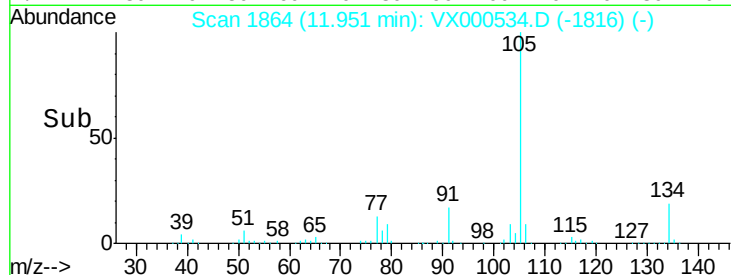
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.76 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

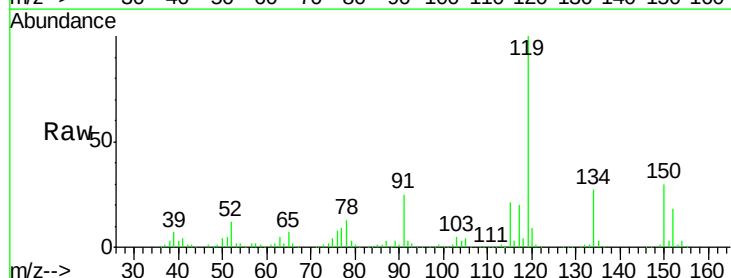
Tgt Ion:119 Resp: 149087

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

91 24.9 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

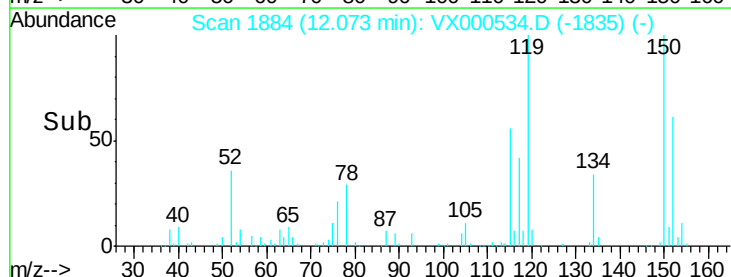
150000

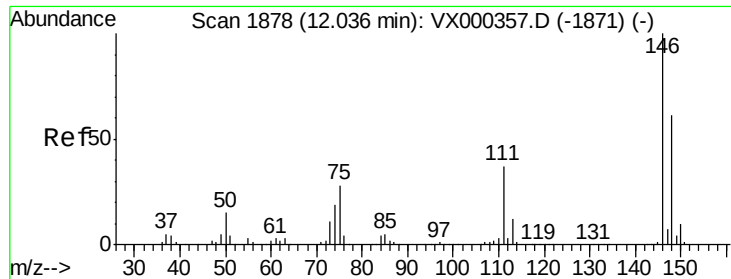
100000

50000

0

Time-->





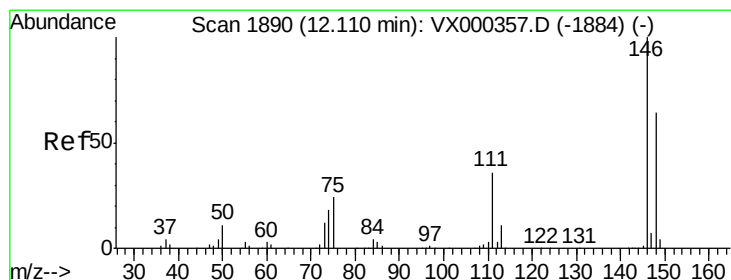
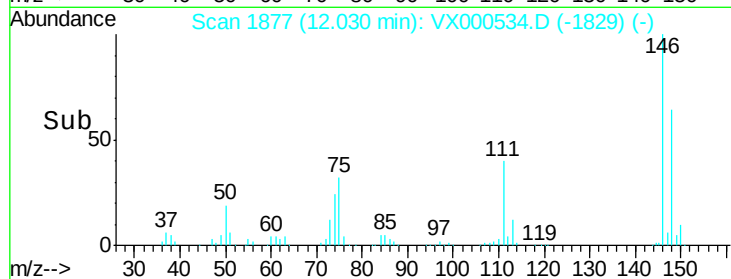
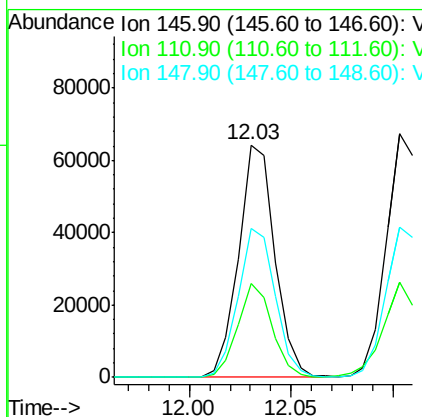
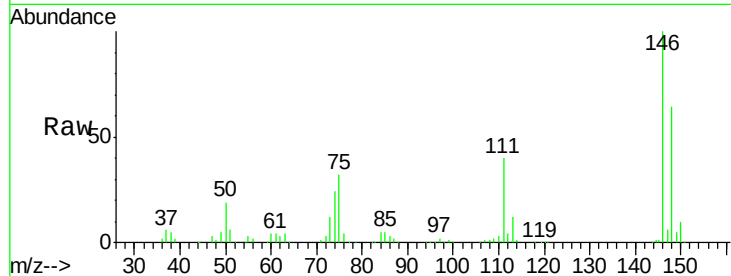
#87
 1,3-Dichlorobenzene
 Concen: 19.49 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.5	58.5
148	65.5	32.4	97.0

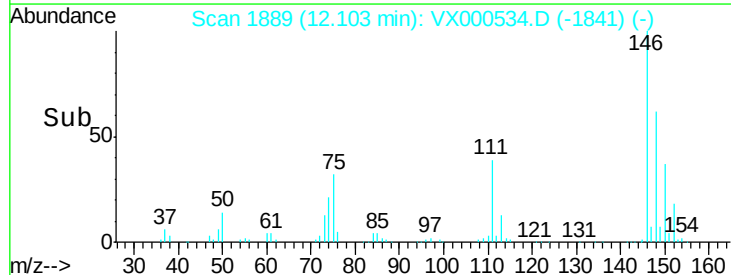
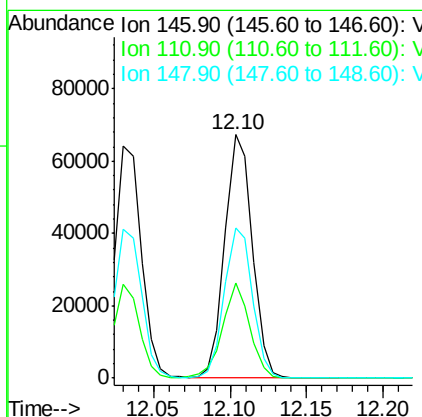
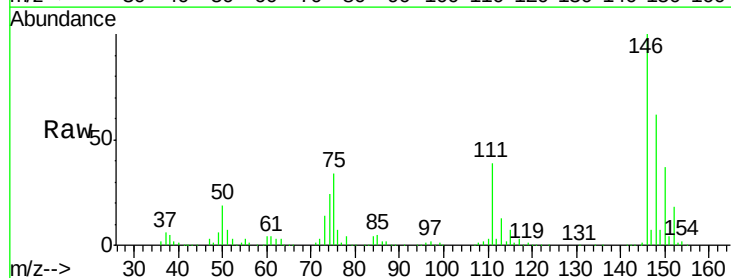
Manual Integrations
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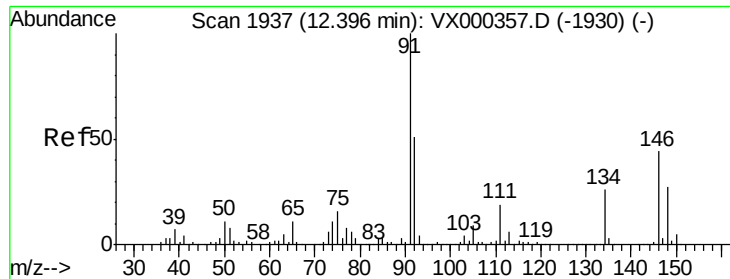
sam
 3/30/2018 4:10:35 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.62 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.9	56.9
148	63.3	31.0	93.0





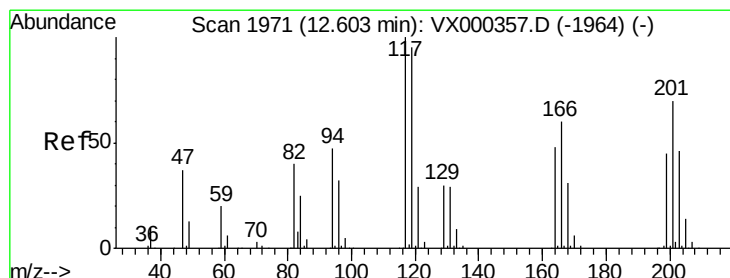
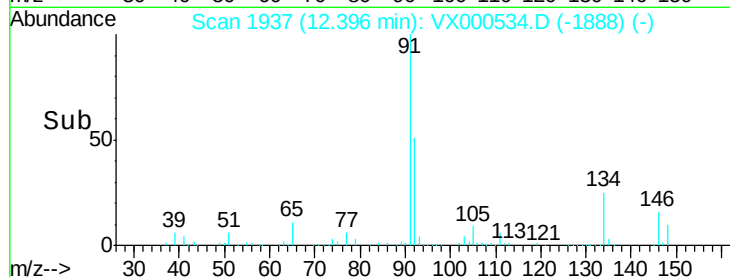
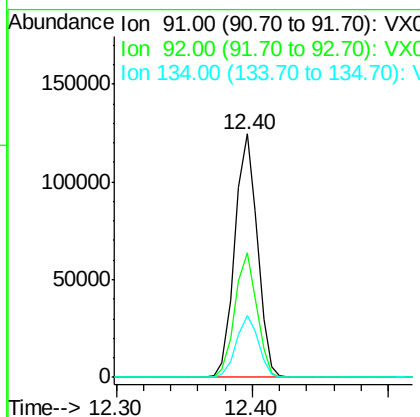
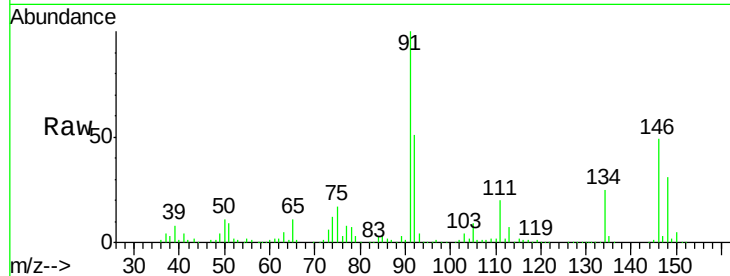
#89
n-Butylbenzene
Concen: 20.41 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.9	25.9	77.8
134	25.0	13.1	39.3

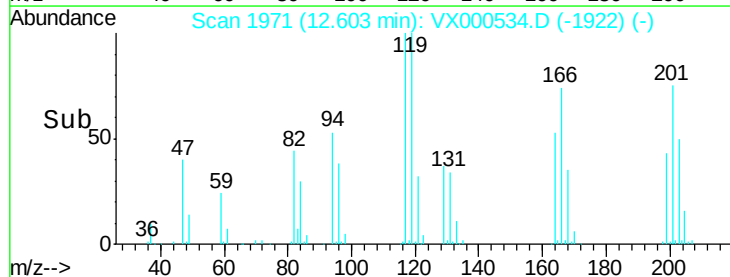
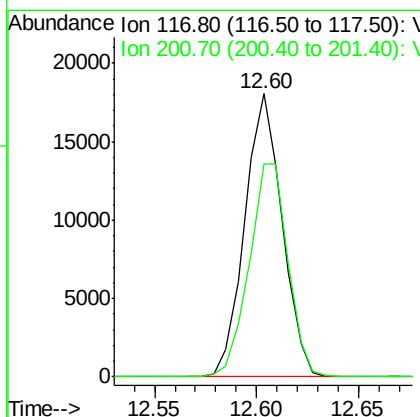
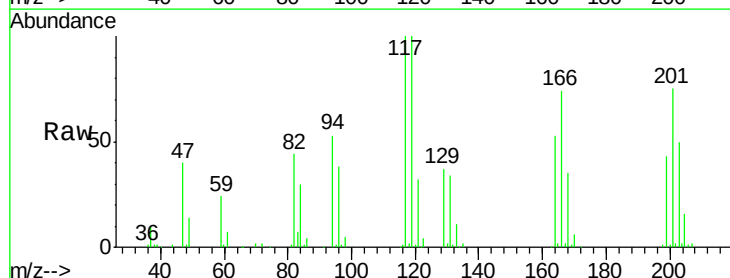
Manual Integrations
APPROVED

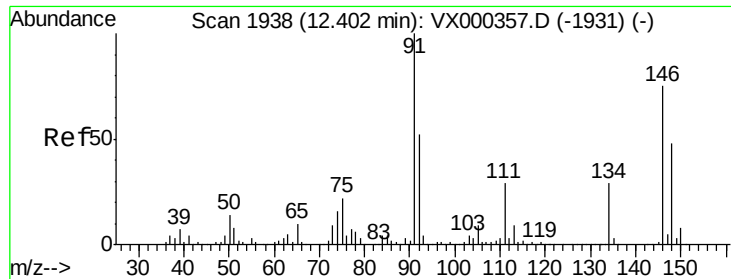
sam
3/30/2018 4:10:35 PM



#90
Hexachloroethane
Concen: 19.36 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000534.D
Acq: 30 Mar 2018 01:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.2	37.9	113.6





#91

1,2-Dichlorobenzene

Concen: 20.08 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBSD02

Tot Ion:146 Resp: 80288

Ion Ratio Lower Upper

146 100

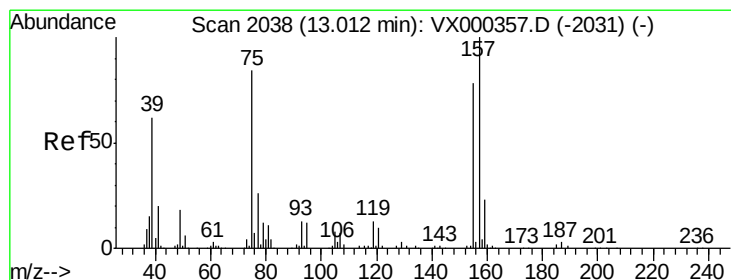
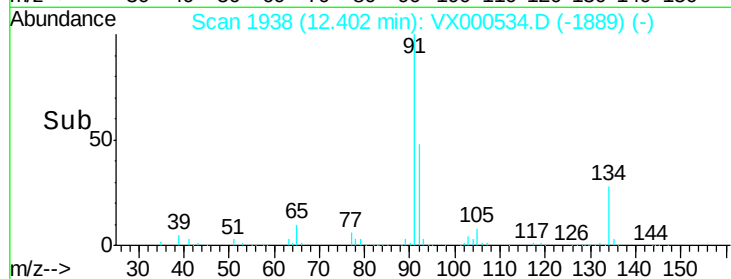
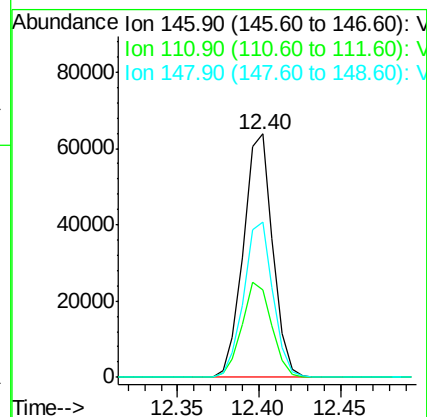
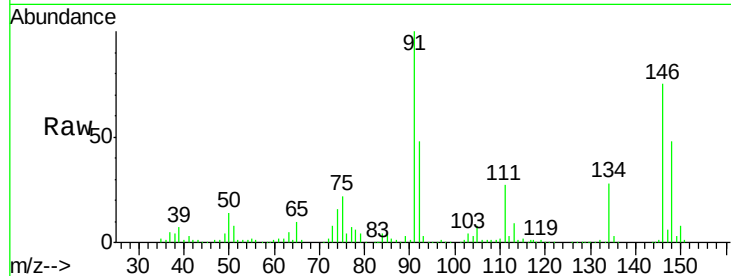
111 39.5 20.1 60.2

148 63.6 31.2 93.6

Manual Integrations
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sam

3/30/2018 4:10:35 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.91 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.01 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

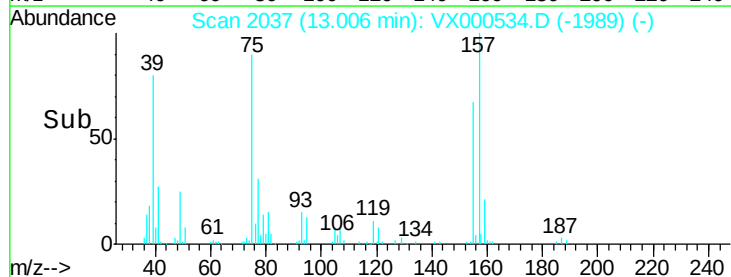
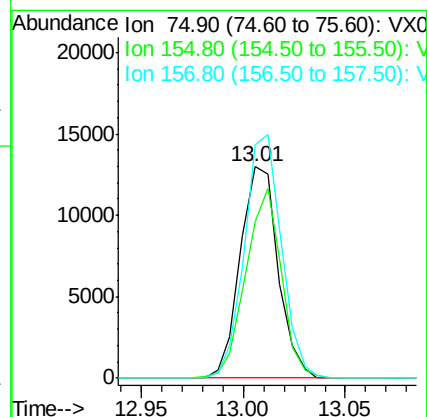
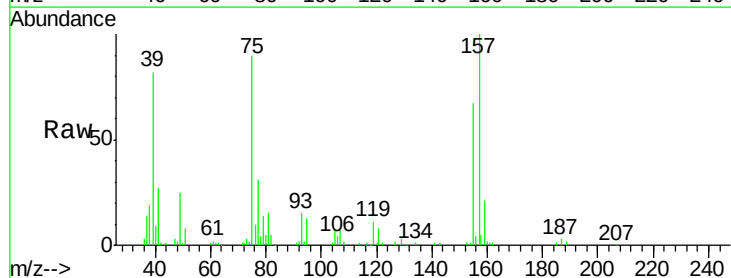
Tgt Ion: 75 Resp: 16699

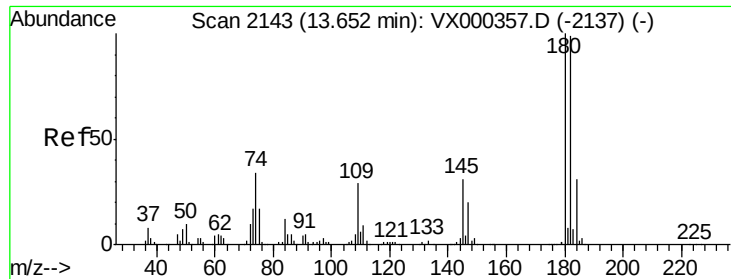
Ion Ratio Lower Upper

75 100

155 84.1 45.0 134.8

157 113.0 58.1 174.2





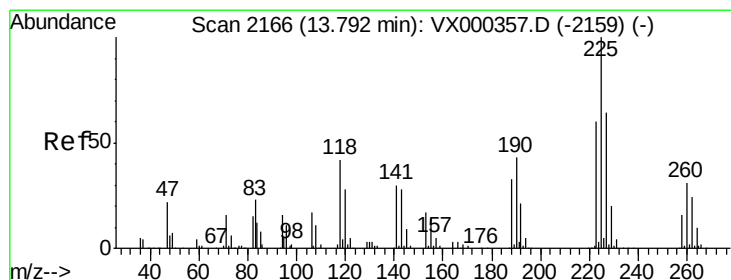
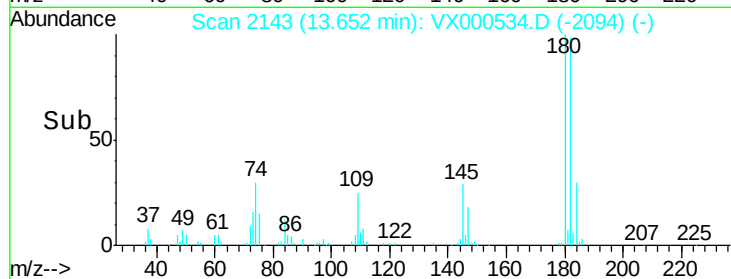
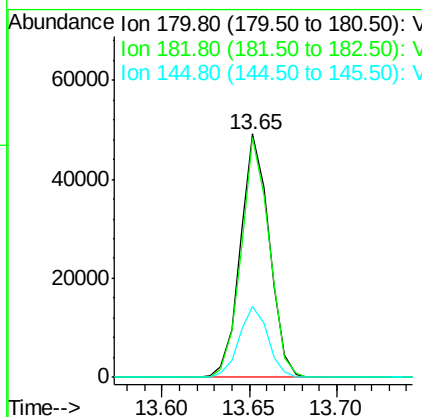
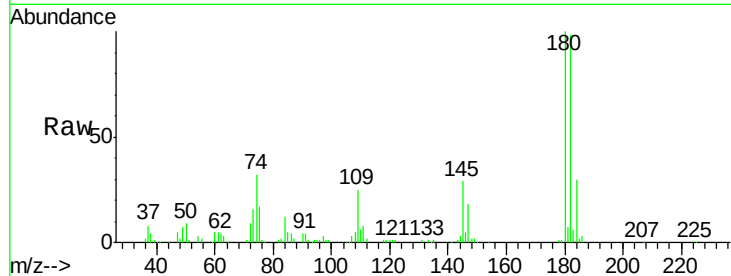
#93
 1,2,4-Trichlorobenzene
 Concen: 19.59 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.6	142.9
145	29.3	15.1	45.3

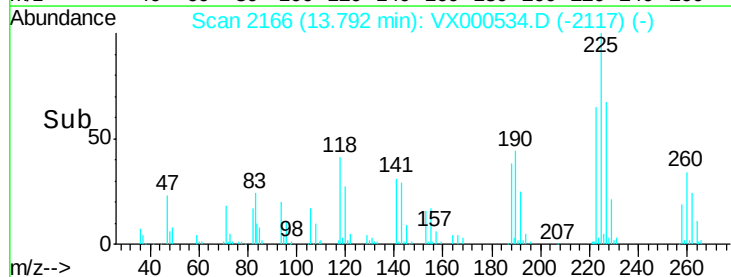
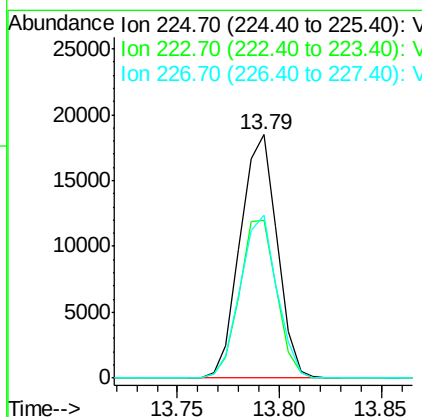
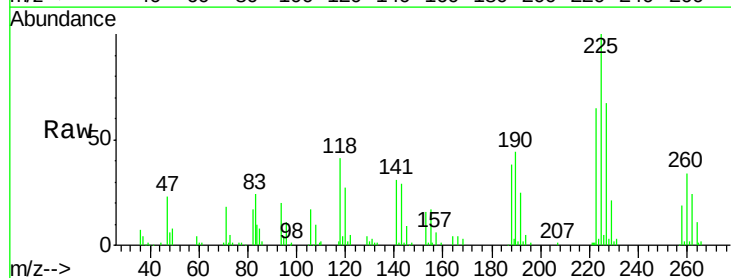
Manual Integrations
 APPROVED

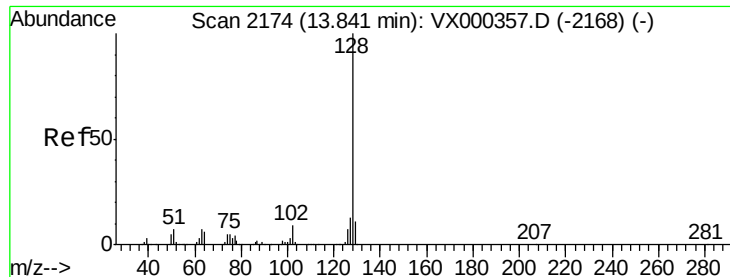
sam
 3/30/2018 4:10:35 PM



#94
 Hexachlorobutadiene
 Concen: 19.54 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000534.D
 Acq: 30 Mar 2018 01:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	32.0	96.0
227	66.6	32.6	98.0





#95

Naphthalene

Concen: 20.75 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Instrument :

MSVOA_X

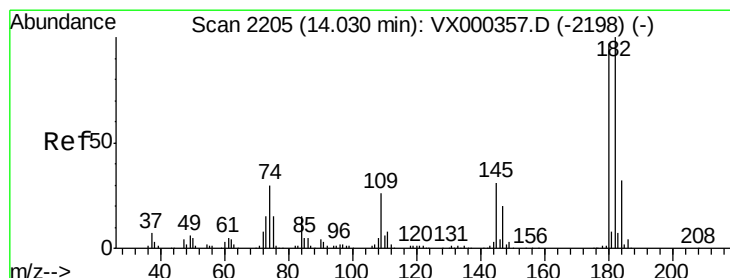
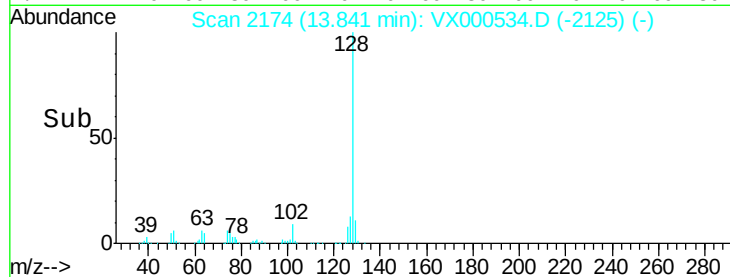
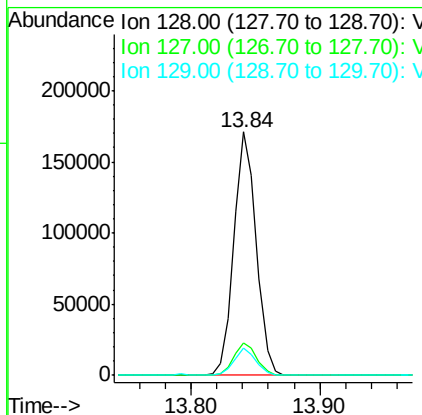
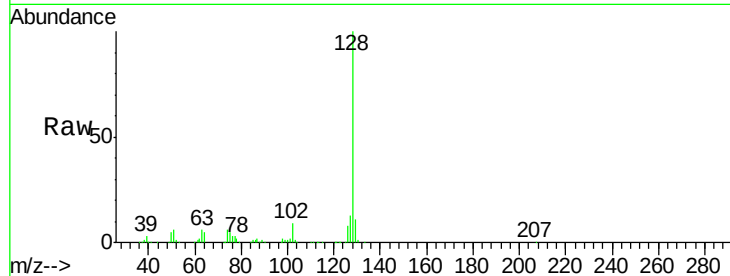
ClientSampleId :

VX0329WBSD02

Tot Ion:	128	Resp:	207189
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	10.9	8.9	13.3

Manual Integrations
APPROVED

sam
3/30/2018 4:10:35 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.47 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000534.D

Acq: 30 Mar 2018 01:20

Tgt Ion:	180	Resp:	57977
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.4	142.3
145	31.2	15.8	47.3

