

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000293.D
 Acq On : 13 Mar 2018 11:58
 Operator : JC/MD
 Sample : VX0313WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Manual Integrations
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 3/14/2018 2:11:51 PM

Quant Time: Mar 13 14:36:25 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	152070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	256742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	146137	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	103043	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
35) Dibromofluoromethane	5.52	113	80546	49.94	ug/l	0.00
Spiked Amount			Recovery	=	99.88%	
50) Toluene-d8	8.73	98	319399	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.15	95	123684	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	31998	19.31	ug/l	97
3) Chloromethane	1.32	50	33127	20.48	ug/l	100
4) Vinyl Chloride	1.40	62	39902	21.16	ug/l	99
5) Bromomethane	1.64	94	33171	16.19	ug/l	97
6) Chloroethane	1.73	64	25280	21.23	ug/l	96
7) Trichlorofluoromethane	1.93	101	68513	21.91	ug/l	94
8) Diethyl Ether	2.20	74	26005	22.65	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39630	22.69	ug/l	99
10) Methyl Iodide	2.52	142	35120	21.09	ug/l	98
11) Tert butyl alcohol	3.09	59	75077	96.93	ug/l	99
12) 1,1-Dichloroethene	2.38	96	36599	22.82	ug/l	94
13) Acrolein	2.30	56	39238	96.35	ug/l	100
14) Allyl chloride	2.73	41	62477	21.09	ug/l	99
15) Acrylonitrile	3.16	53	143997	106.82	ug/l	99
16) Acetone	2.45	43	153545	101.42	ug/l	98
17) Carbon Disulfide	2.57	76	86468	19.68	ug/l	99
18) Methyl Acetate	2.79	43	69486	21.55	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	131271	22.98	ug/l	97
20) Methylene Chloride	2.87	84	40389	22.37	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	38900	22.05	ug/l	98
22) Diisopropyl ether	3.89	45	97184	19.10	ug/l	98
23) Vinyl Acetate	3.84	43	458257	93.46	ug/l	99
24) 1,1-Dichloroethane	3.70	63	69119	22.16	ug/l	99
25) 2-Butanone	4.73	43	186364	99.75	ug/l	99
26) 2,2-Dichloropropane	4.59	77	49768	21.83	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	36341	21.73	ug/l	98
28) Bromochloromethane	5.04	49	29187	22.02	ug/l	98
29) Tetrahydrofuran	5.19	42	115774	98.66	ug/l	100
30) Chloroform	5.23	83	64816	21.49	ug/l	98
31) Cyclohexane	5.58	56	47708	20.68	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	57124	21.85	ug/l	99
36) 1,1-Dichloropropene	5.81	75	47677	20.87	ug/l	99
37) Ethyl Acetate	4.88	43	64452	19.52	ug/l	100
38) Carbon Tetrachloride	5.79	117	48105	20.81	ug/l	98

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	54634	19.49	ug/l	93
40) Benzene	6.15	78	137398	20.85	ug/l	95
41) Methacrylonitrile	5.09	41	33917	20.15	ug/l	98
42) 1,2-Dichloroethane	6.21	62	55174	21.35	ug/l	98
43) Isopropyl Acetate	6.48	43	96695	20.26	ug/l	99
44) Trichloroethene	7.23	130	39494	20.94	ug/l	98
45) 1,2-Dichloropropane	7.53	63	35222	21.11	ug/l	98
46) Dibromomethane	7.67	93	27243	20.63	ug/l	95
47) Bromodichloromethane	7.91	83	48692	20.97	ug/l	98
48) Methyl methacrylate	7.79	41	46052	19.59	ug/l	99
49) 1,4-Dioxane	7.77	88	21878	409.91	ug/l	98
51) 4-Methyl-2-Pentanone	8.67	43	358011	99.37	ug/l	100
52) Toluene	8.79	92	93273	20.66	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	56727	20.73	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	55140	20.83	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	39228	21.45	ug/l	99
56) Ethyl methacrylate	9.20	69	58596	21.41	ug/l	98
57) 1,3-Dichloropropane	9.38	76	64425	20.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	139145	100.69	ug/l	100
59) 2-Hexanone	9.51	43	300071	97.68	ug/l	99
60) Dibromochloromethane	9.59	129	39674	20.57	ug/l	99
61) 1,2-Dibromoethane	9.68	107	42453	20.90	ug/l	98
64) Tetrachloroethene	9.34	164	39485	22.27	ug/l	97
65) Chlorobenzene	10.15	112	112020	21.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	38443	21.97	ug/l	98
67) Ethyl Benzene	10.26	91	186531	20.88	ug/l	100
68) m/p-Xylenes	10.37	106	145268	42.26	ug/l	98
69) o-Xylene	10.71	106	70439	21.32	ug/l	98
70) Styrene	10.72	104	116625	21.28	ug/l	98
71) Bromoform	10.87	173	30284	19.02	ug/l #	99
73) Isopropylbenzene	11.02	105	194634	21.27	ug/l	99
74) N-amyl acetate	6.48	43	96695	20.66	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	67120	20.93	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	61730m	21.07	ug/l	
77) Bromobenzene	11.26	156	49968	21.12	ug/l	98
78) n-propylbenzene	11.37	91	224488	20.85	ug/l	99
79) 2-Chlorotoluene	11.43	91	128843	21.21	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	164152	21.49	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	17581	18.38	ug/l	96
82) 4-Chlorotoluene	11.52	91	160743	21.76	ug/l	98
83) tert-Butylbenzene	11.78	119	163809	22.04	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	171009	21.77	ug/l	100
85) sec-Butylbenzene	11.96	105	201944	21.48	ug/l	99
86) p-Isopropyltoluene	12.07	119	180495	21.77	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	94600	21.03	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	101377	21.51	ug/l	98
89) n-Butylbenzene	12.40	91	168065	21.05	ug/l	100
90) Hexachloroethane	12.60	117	26538	19.87	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	96407	21.65	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18471	20.51	ug/l	96

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ALS Vial : 1 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VX0313WBSD01

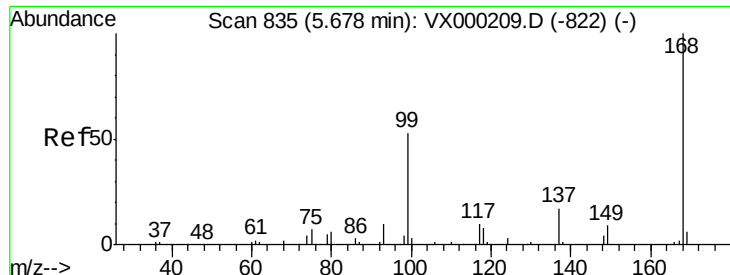
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	69427	21.43	ug/l	99
94) Hexachlorobutadiene	13.79	225	26931	19.98	ug/l	97
95) Naphthalene	13.84	128	243860	21.57	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	68813	21.47	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tot Ion:168 Resp: 152070

Ion Ratio Lower Upper

168 100

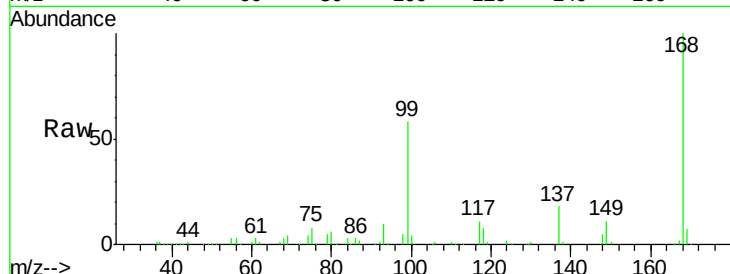
99 58.3 42.8 64.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

60000

50000

40000

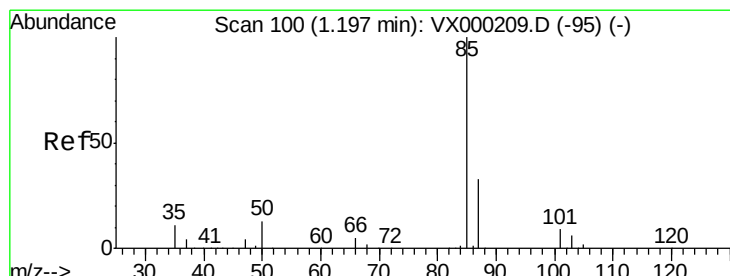
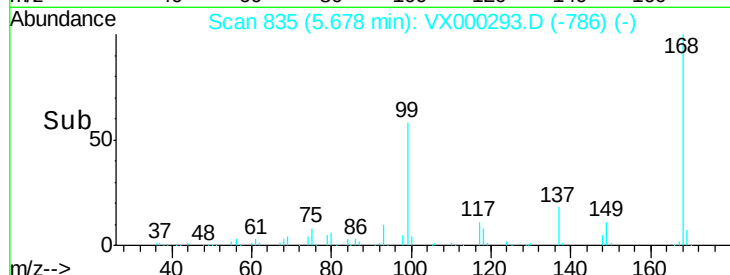
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.31 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000293.D

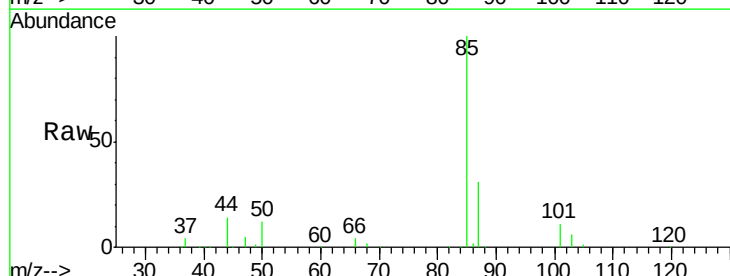
Acq: 13 Mar 2018 11:58

Tgt Ion: 85 Resp: 31998

Ion Ratio Lower Upper

85 100

87 31.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

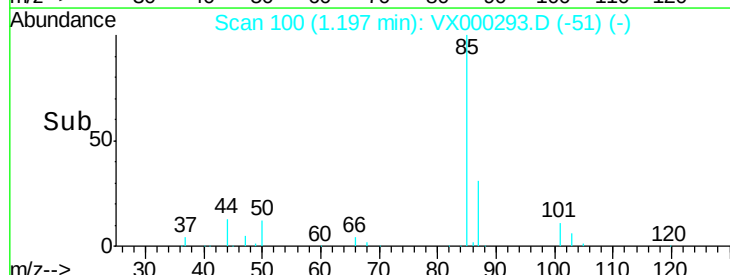
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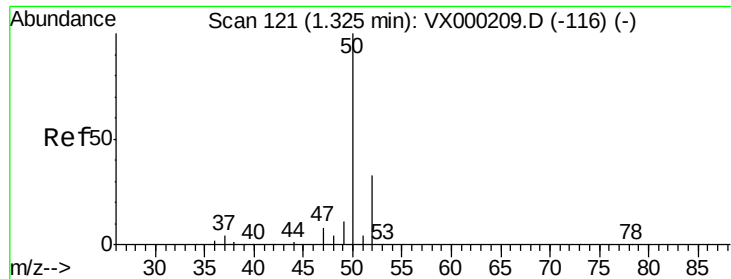
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.48 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tot Ion: 50 Resp: 33127

Ion Ratio Lower Upper

50 100

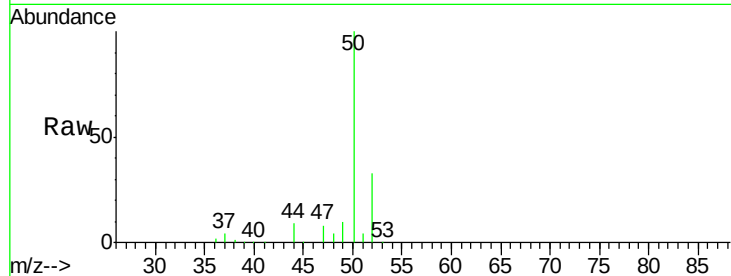
52 32.8 26.2 39.2

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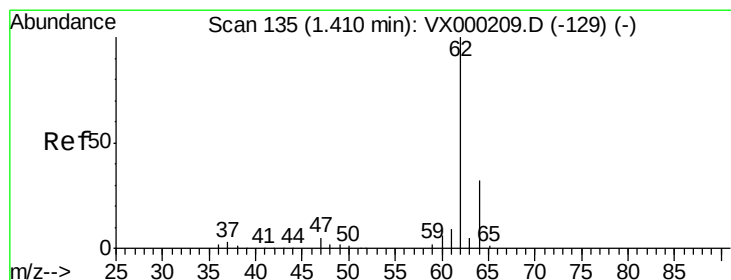
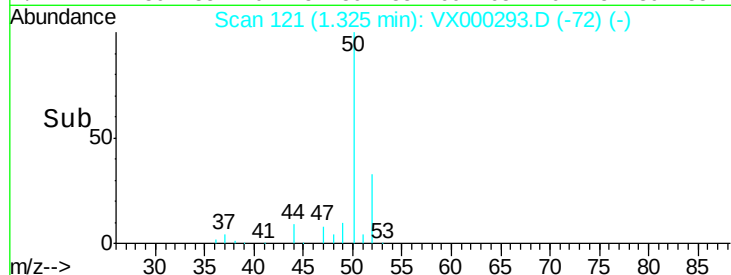
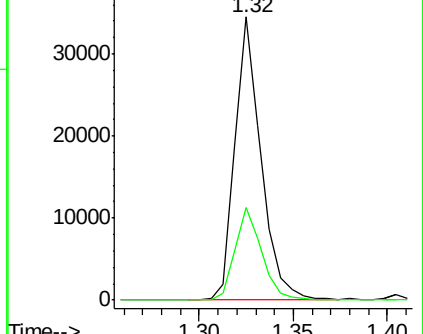
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.16 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000293.D

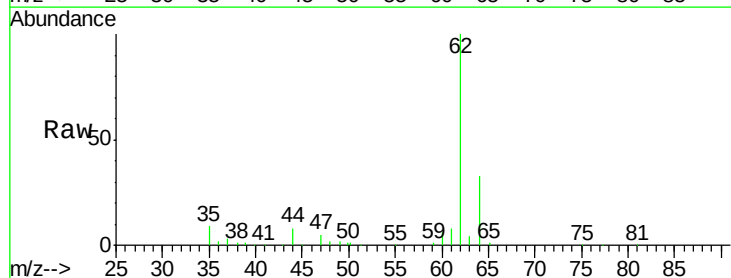
Acq: 13 Mar 2018 11:58

Tgt Ion: 62 Resp: 39902

Ion Ratio Lower Upper

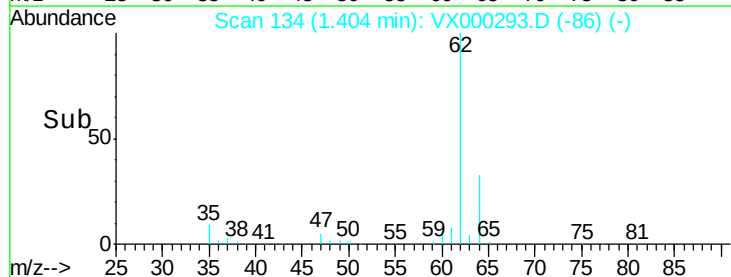
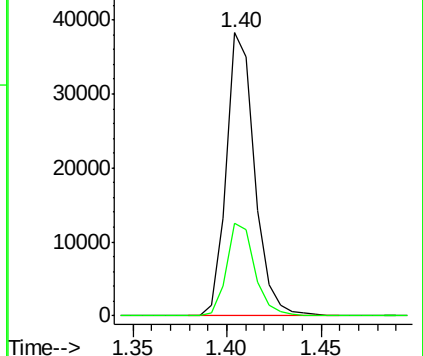
62 100

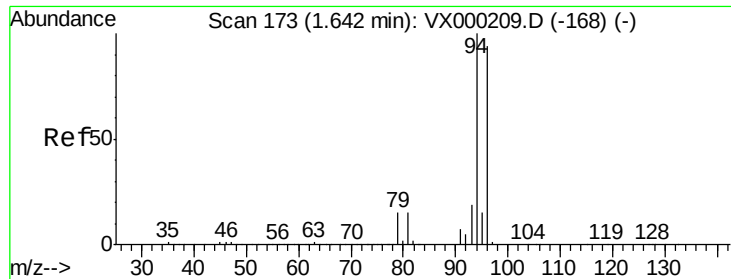
64 32.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.19 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tot Ion: 94 Resp: 33171

Ion Ratio Lower Upper

94 100

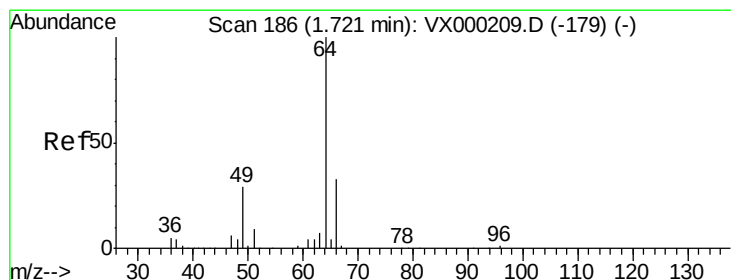
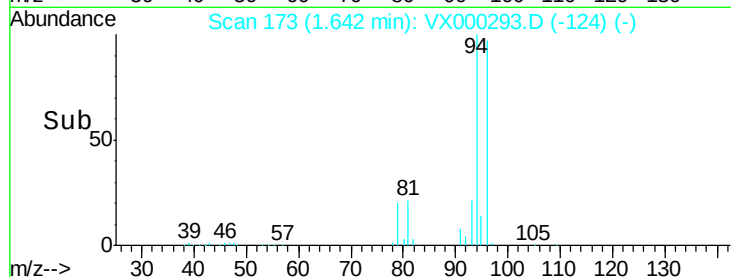
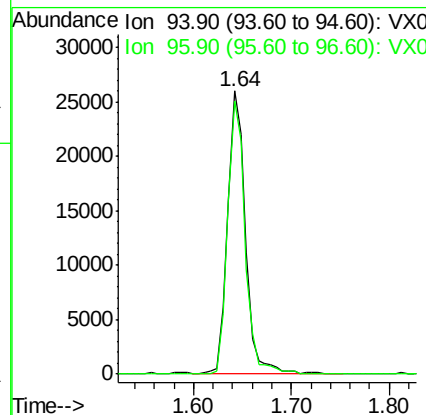
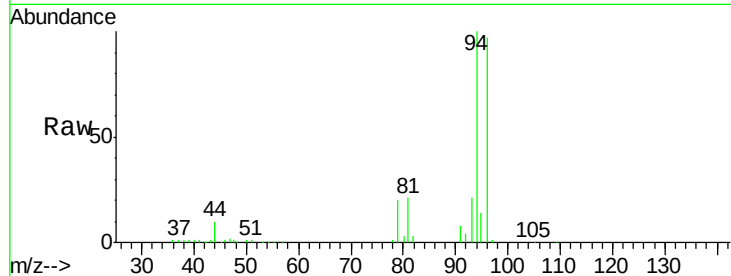
96 96.6 75.3 112.9

Manual Integrations

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#6

Chloroethane

Concen: 21.23 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000293.D

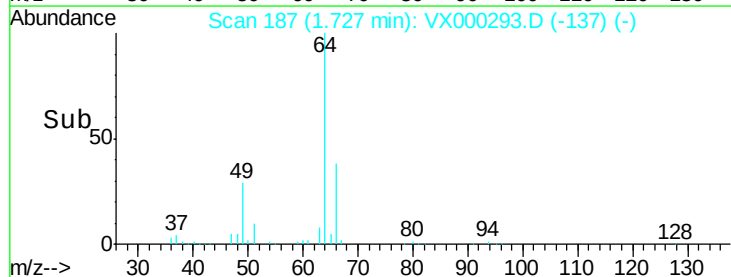
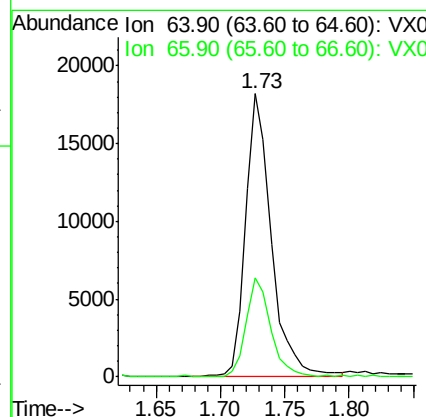
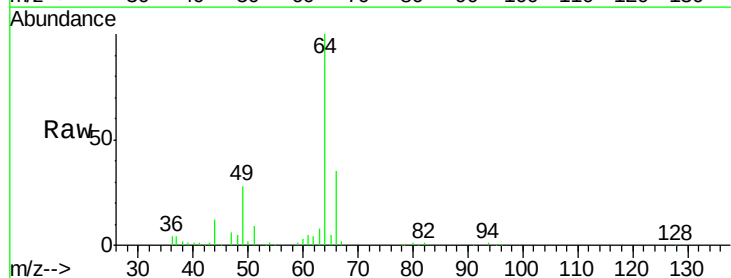
Acq: 13 Mar 2018 11:58

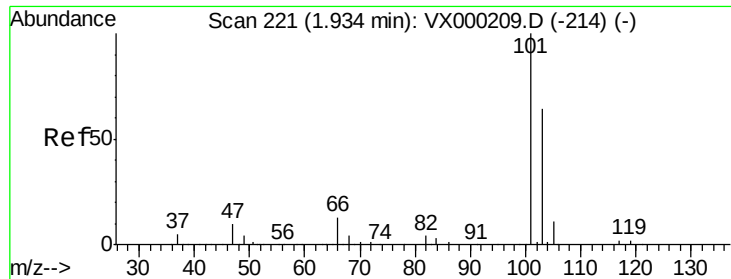
Tgt Ion: 64 Resp: 25280

Ion Ratio Lower Upper

64 100

66 35.0 26.2 39.4





#7

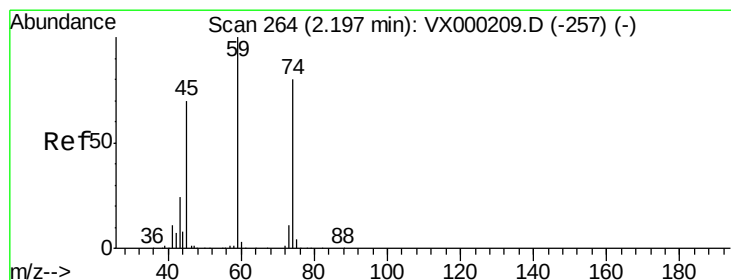
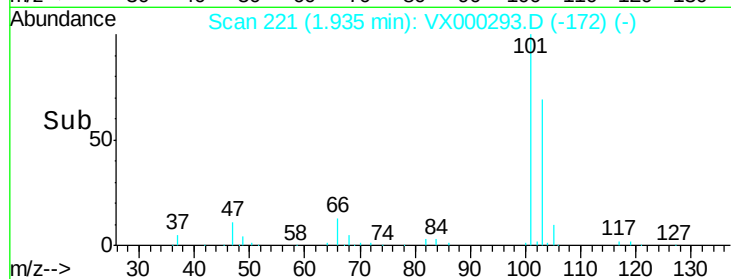
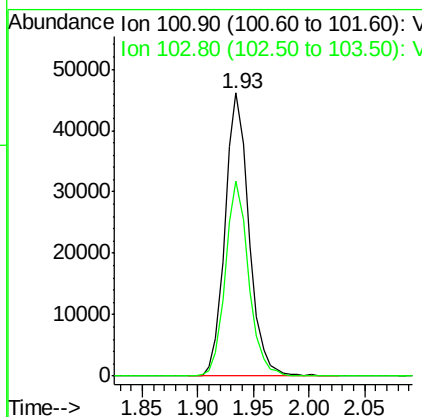
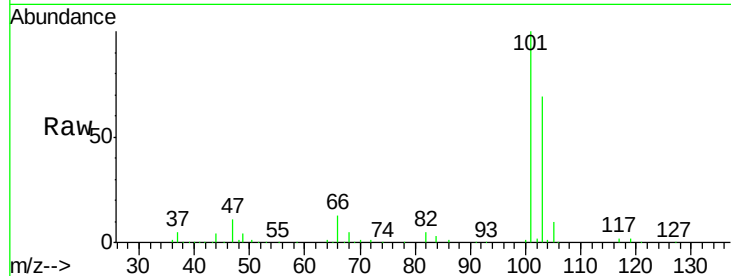
Trichlorofluoromethane
 Concen: 21.91 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.7	51.2	76.8

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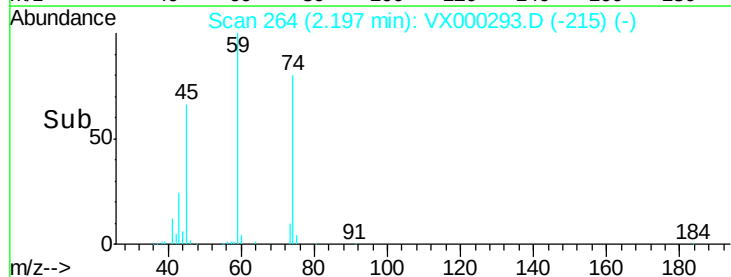
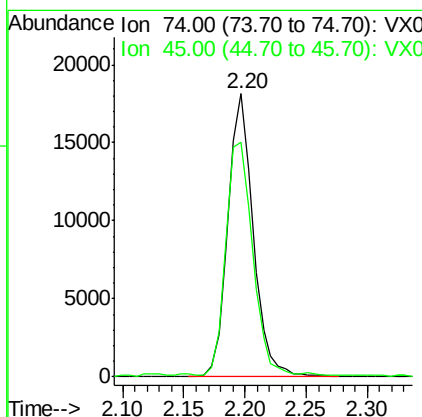
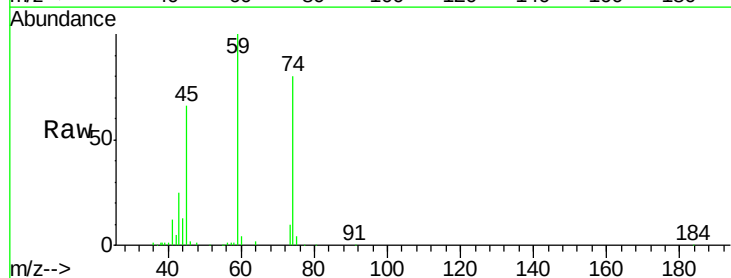
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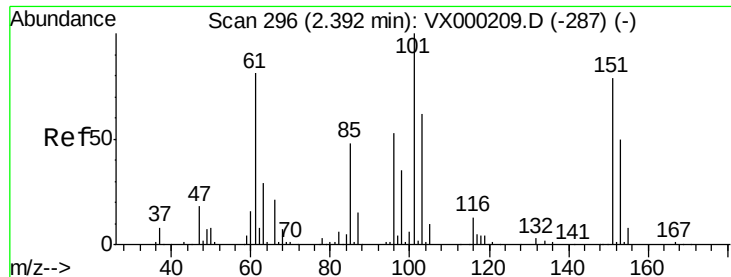


#8

Diethyl Ether
 Concen: 22.65 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.5	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.69 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

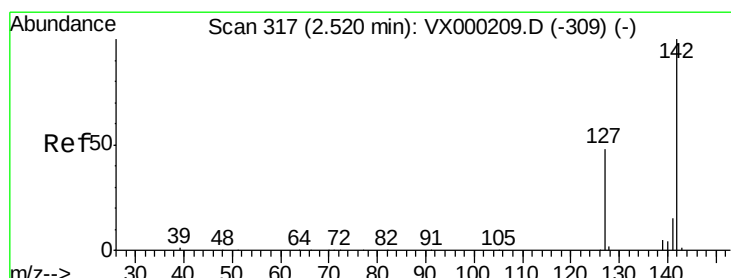
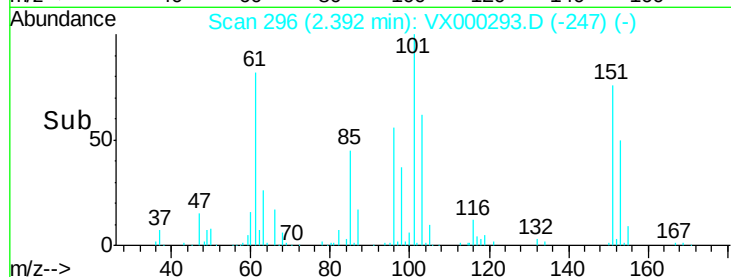
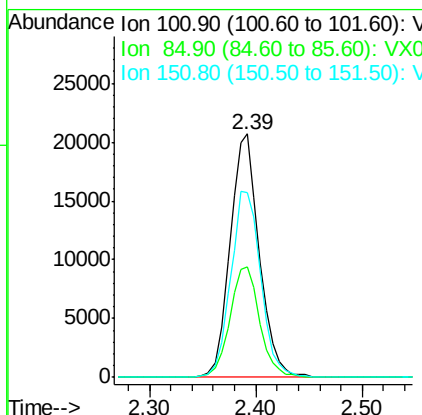
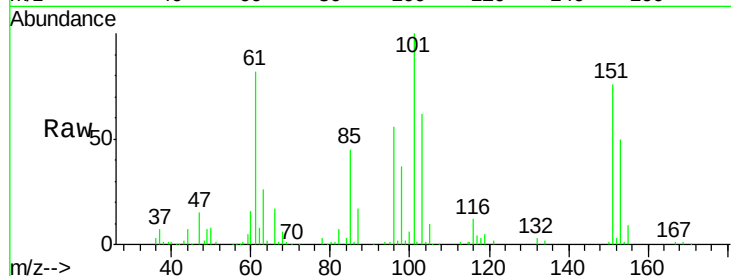
ClientSampleId :

VX0313WBSD01

Tot Ion:	101	Resp:	39630
Ion Ratio	Lower	Upper	
101	100		
85	46.2	38.3	57.5
151	79.2	62.8	94.2

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#10

Methyl Iodide

Concen: 21.09 ug/l

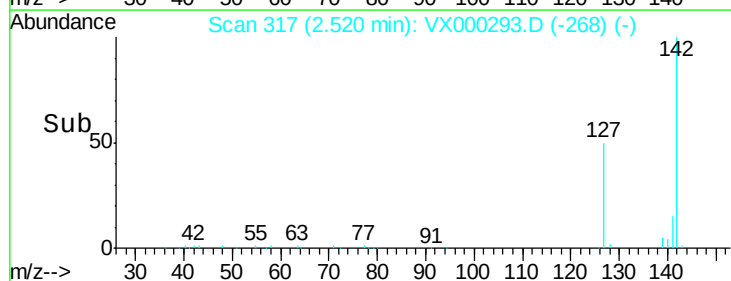
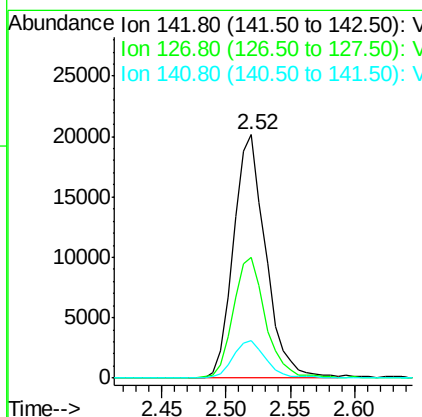
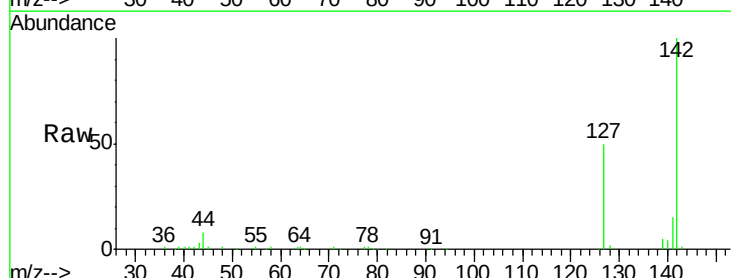
RT: 2.52 min Scan# 317

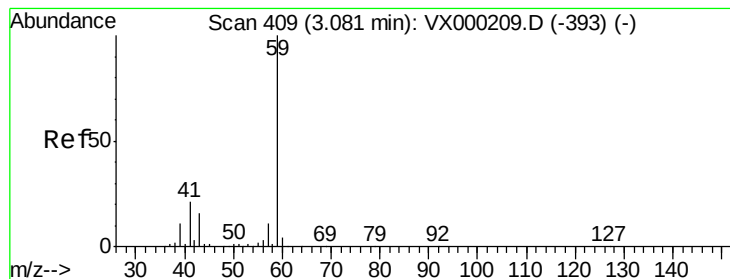
Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Tgt Ion:	142	Resp:	35120
Ion Ratio	Lower	Upper	
142	100		
127	49.7	39.0	58.6
141	15.7	11.6	17.4





#11

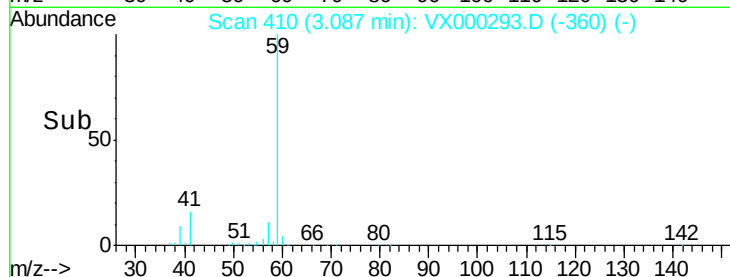
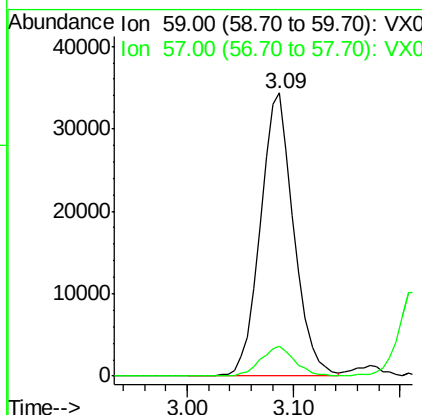
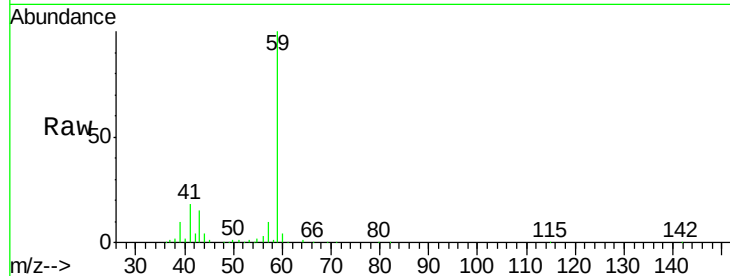
Tert butyl alcohol
Concen: 96.93 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion	59	57	Ratio	100	10.8	Resp	75077	Lower	8.4	Upper	12.6
Ion	59	57	Ratio	100	10.8	Resp	75077	Lower	8.4	Upper	12.6

Manual Integrations
APPROVED

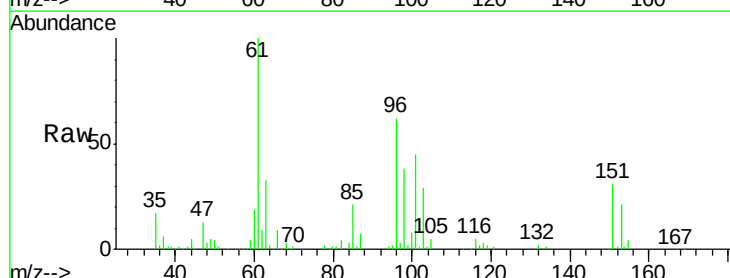
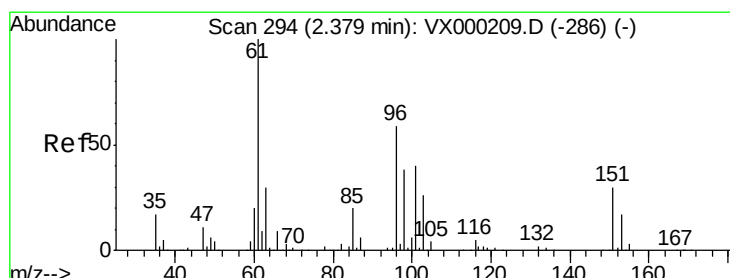
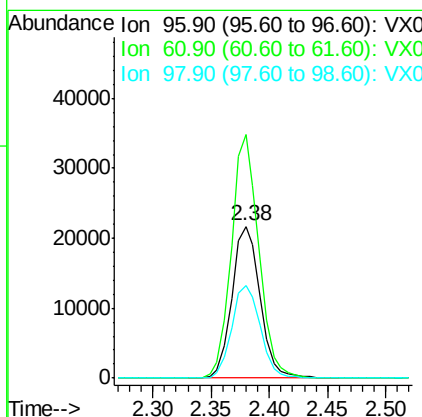
sam
3/14/2018 2:11:51 PM

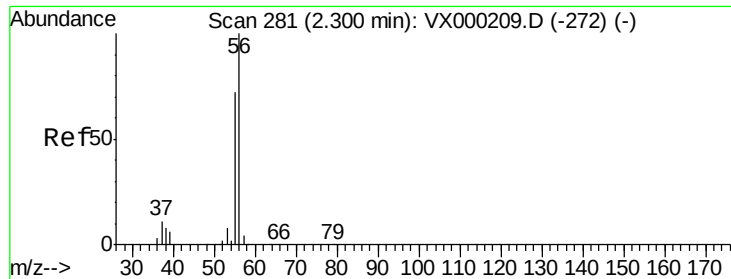


#12

1,1-Dichloroethene
Concen: 22.82 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion	96	61	98	Ratio	100	160.4	61.3	Resp	36599	Lower	135.8	Upper	203.6	76.7
Ion	96	61	98	Ratio	100	160.4	61.3	Resp	36599	Lower	135.8	Upper	203.6	76.7





#13

Acrolein

Concen: 96.35 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tot Ion: 56 Resp: 39238

Ion Ratio Lower Upper

56 100

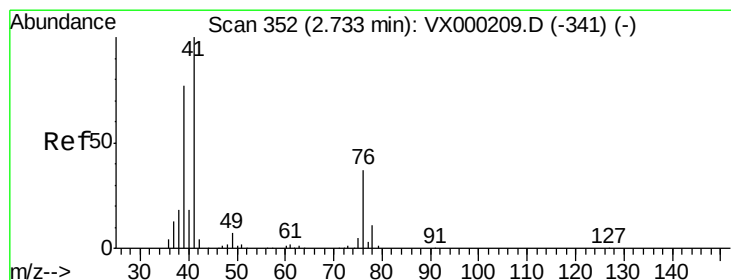
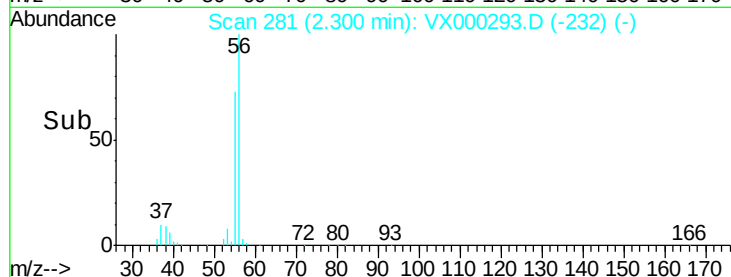
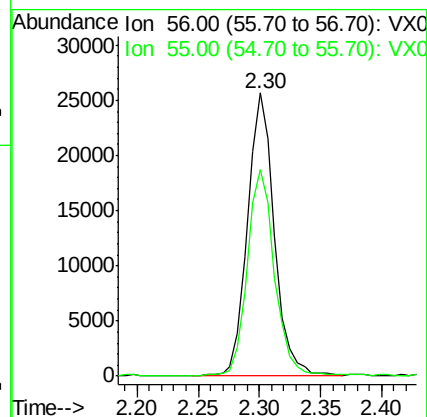
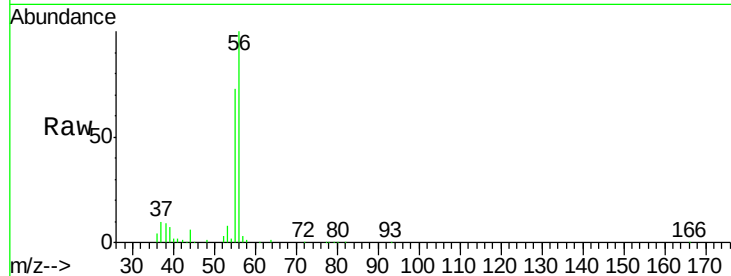
55 73.9 59.2 88.8

Manual Integrations

APPROVED

sam

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#14

Allyl chloride

Concen: 21.09 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

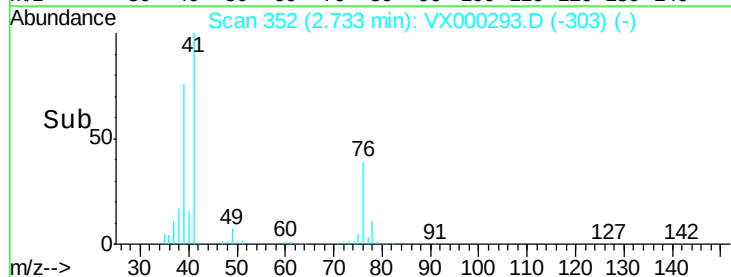
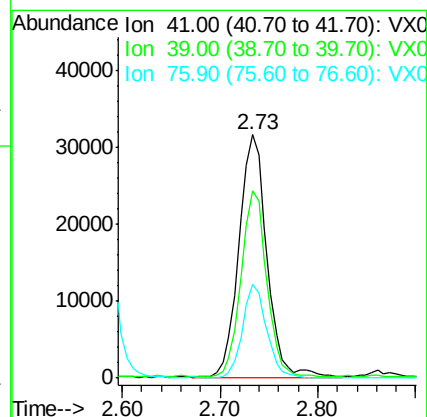
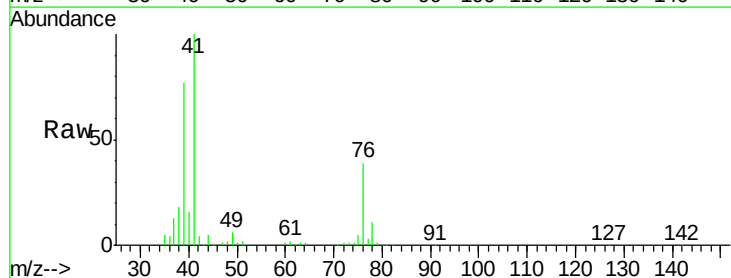
Tgt Ion: 41 Resp: 62477

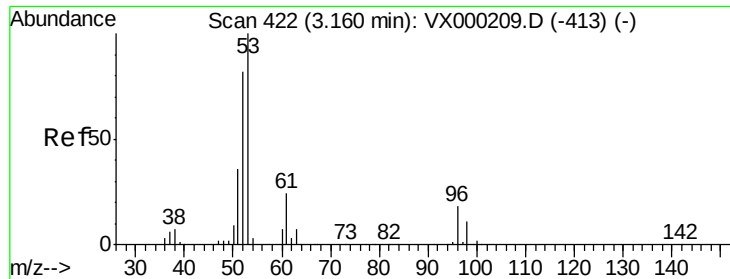
Ion Ratio Lower Upper

41 100

39 70.9 57.0 85.6

76 33.9 26.8 40.2





#15

Acrylonitrile

Concen: 106.82 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

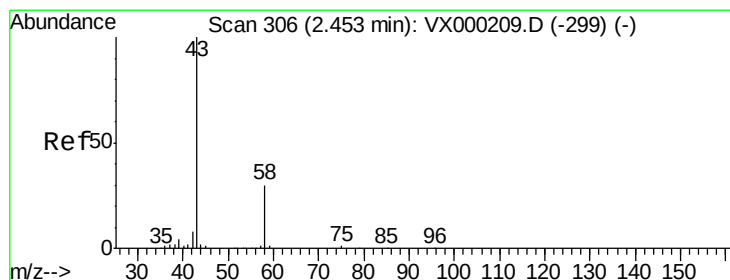
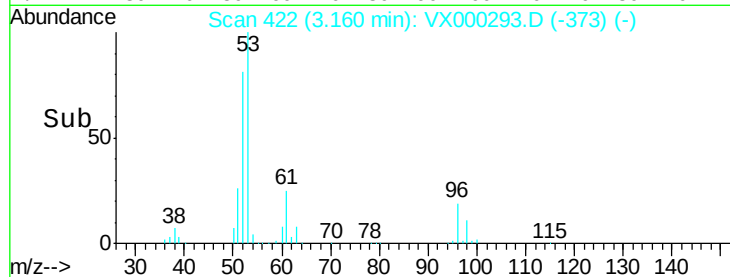
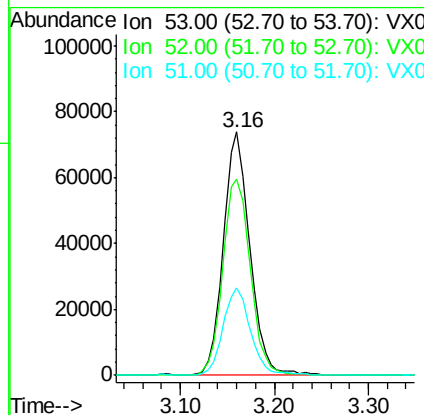
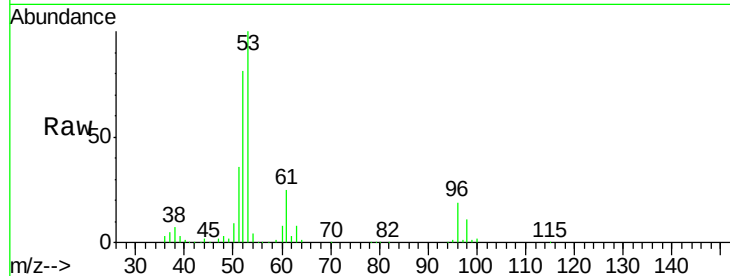
ClientSampleId :

VX0313WBSD01

Tot Ion:	53	Resp:	143997
Ion Ratio		Lower	Upper
53	100		
52	84.6	66.3	99.5
51	37.2	29.6	44.4

Manual Integrations
APPROVED

sam
3/14/2018 2:11:51 PM



#16

Acetone

Concen: 101.42 ug/l

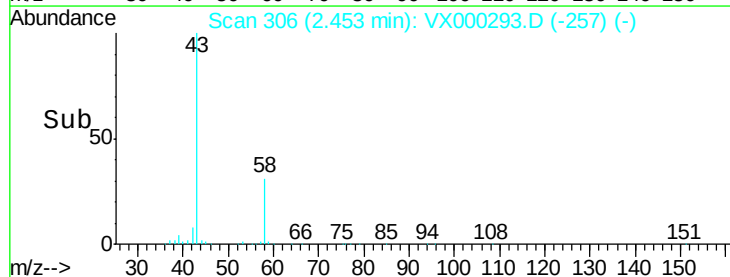
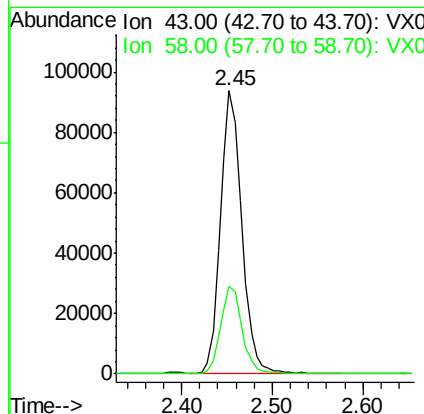
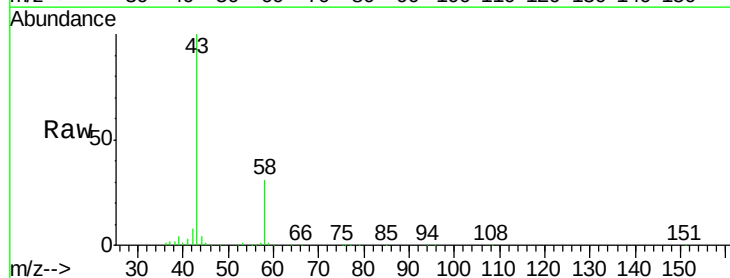
RT: 2.45 min Scan# 306

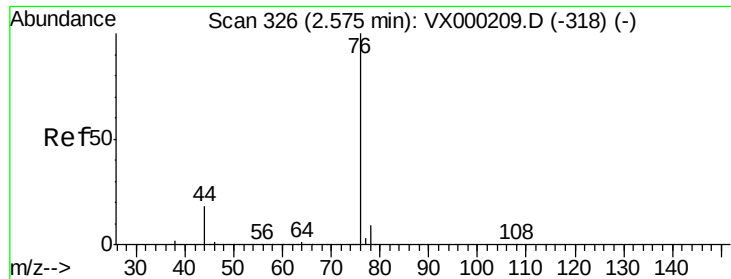
Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Tgt Ion:	43	Resp:	153545
Ion Ratio		Lower	Upper
43	100		
58	30.9	23.8	35.6





#17

Carbon Disulfide

Concen: 19.68 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tot Ion: 76 Resp: 86468

Ion Ratio Lower Upper

76 100

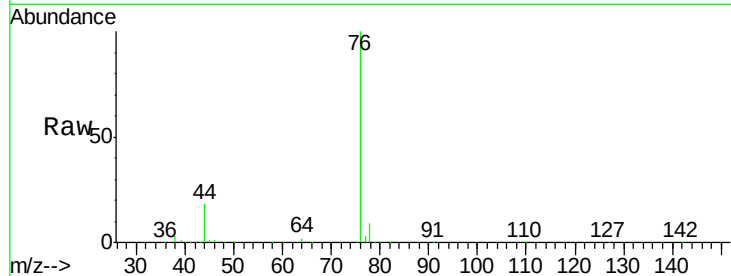
78 8.5 7.0 10.6

Manual Integrations

APPROVED

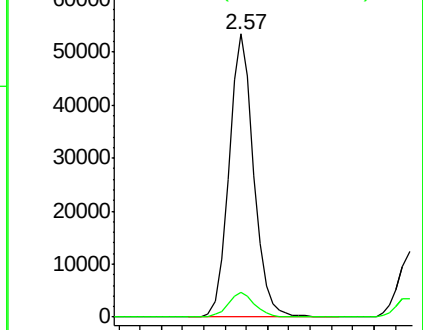
sam

3/14/2018 2:11:51 PM

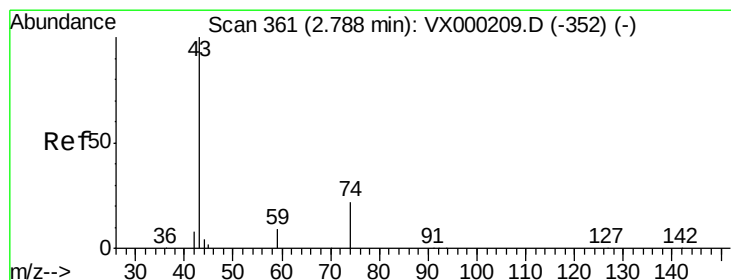
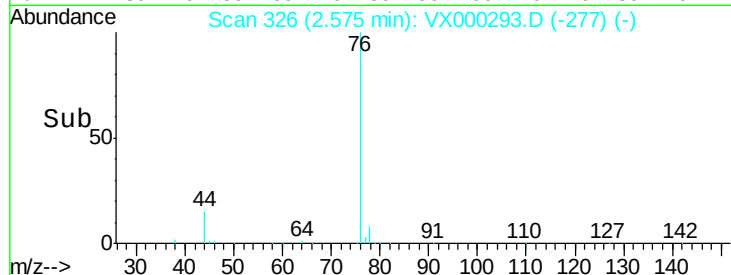


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 21.55 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.00 min

Lab File: VX000293.D

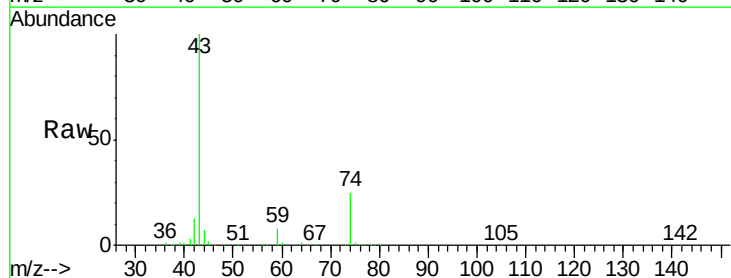
Acq: 13 Mar 2018 11:58

Tgt Ion: 43 Resp: 69486

Ion Ratio Lower Upper

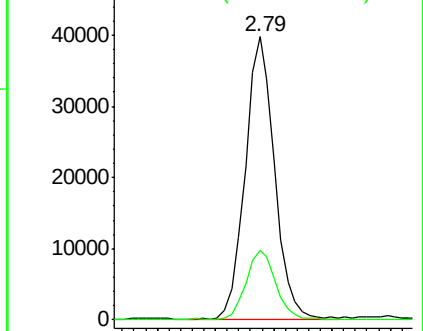
43 100

74 25.3 18.9 28.3

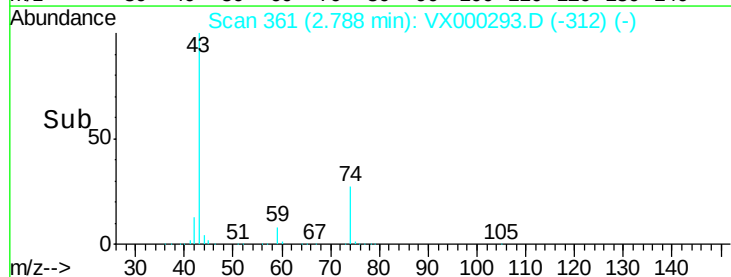


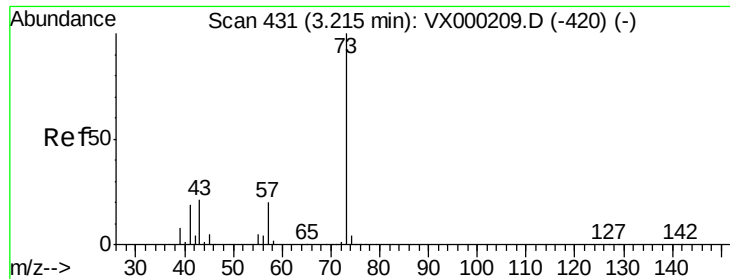
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->





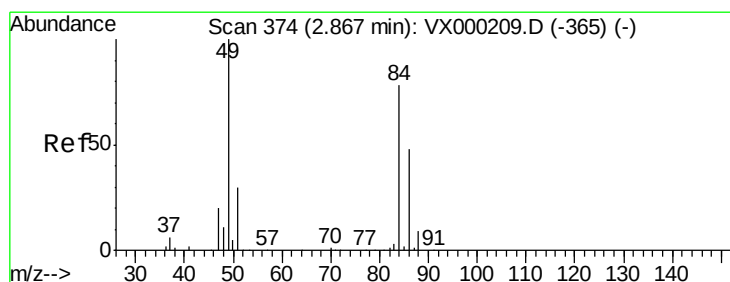
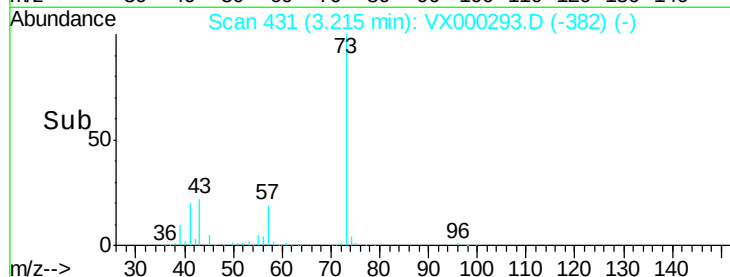
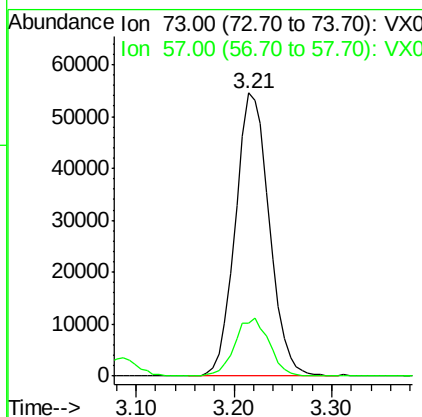
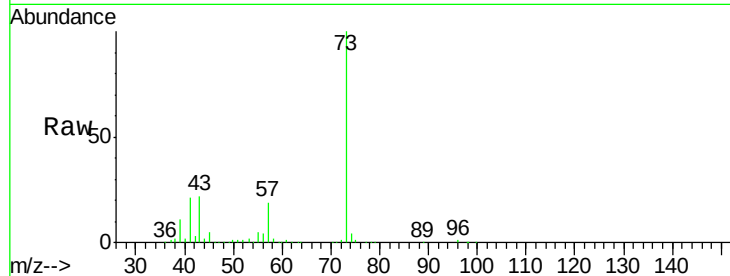
#19
Methyl tert-butyl Ether
Concen: 22.98 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion: 73 Resp: 131271
Ion Ratio Lower Upper
73 100
57 18.9 16.3 24.5

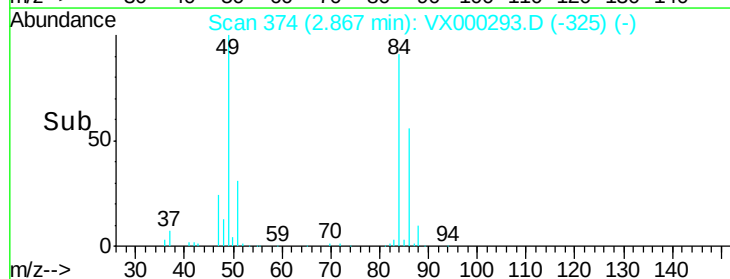
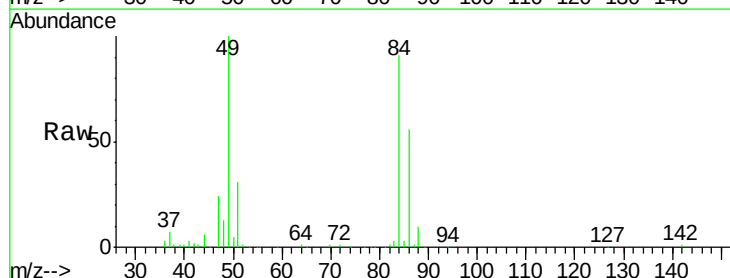
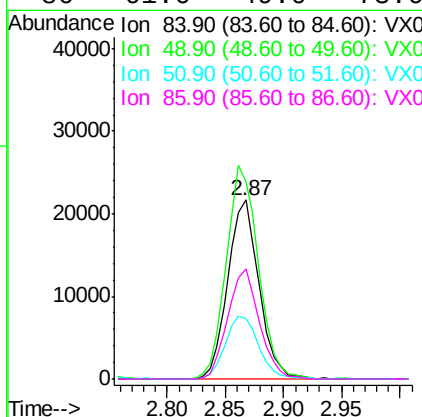
Manual Integrations
APPROVED

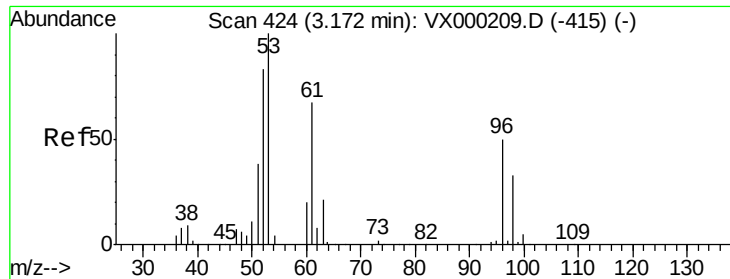
sam
3/14/2018 2:11:51 PM



#20
Methylene Chloride
Concen: 22.37 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion: 84 Resp: 40389
Ion Ratio Lower Upper
84 100
49 109.9 102.1 153.1
51 33.6 30.6 45.8
86 61.6 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 22.05 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

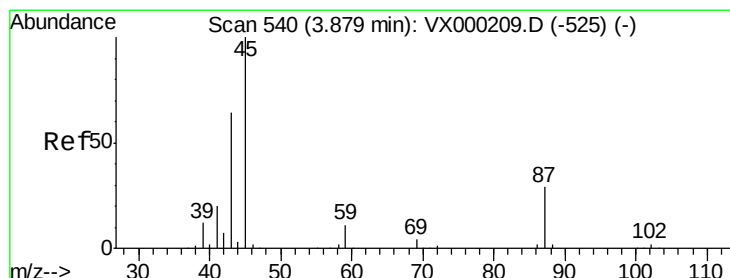
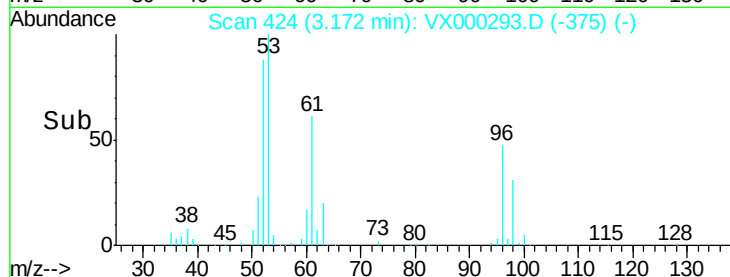
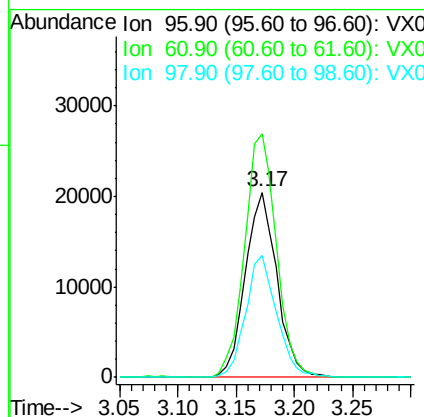
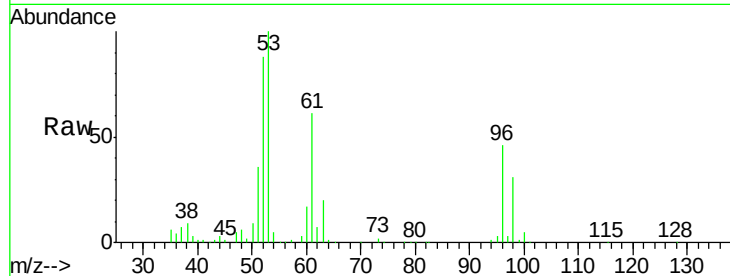
ClientSampleId :

VX0313WBSD01

Tot Ion:	96	Resp:	38900
Ion	Ratio	Lower	Upper
96	100		
61	131.4	107.0	160.4
98	65.7	51.8	77.8

Manual Integrations
APPROVED

sam
3/14/2018 2:11:51 PM



#22

Diisopropyl ether

Concen: 19.10 ug/l

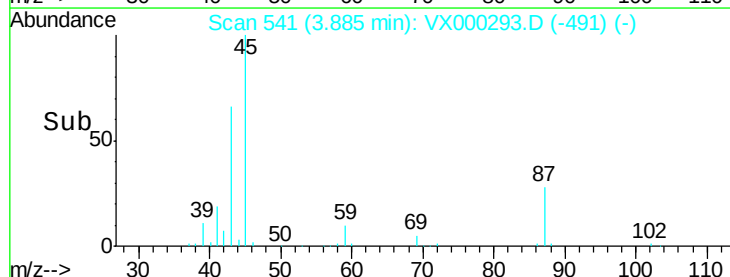
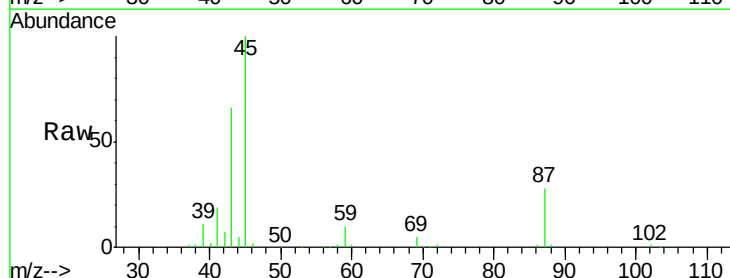
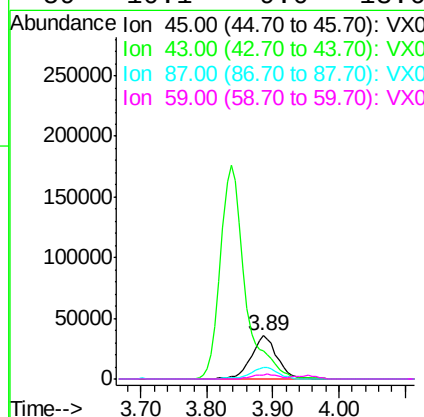
RT: 3.89 min Scan# 541

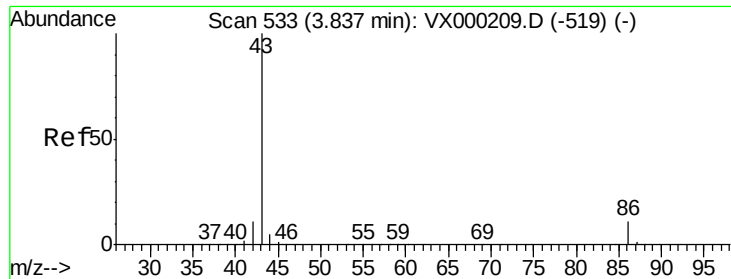
Delta R.T. 0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Tgt Ion:	45	Resp:	97184
Ion	Ratio	Lower	Upper
45	100		
43	65.9	53.5	80.3
87	28.2	23.3	34.9
59	10.1	9.0	13.6





#23

Vinyl Acetate

Concen: 93.46 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Tot Ion: 43 Resp: 458257

Ion Ratio Lower Upper

43 100

86 10.8 8.5 12.7

Instrument :

MSVOA_X

ClientSampleId :

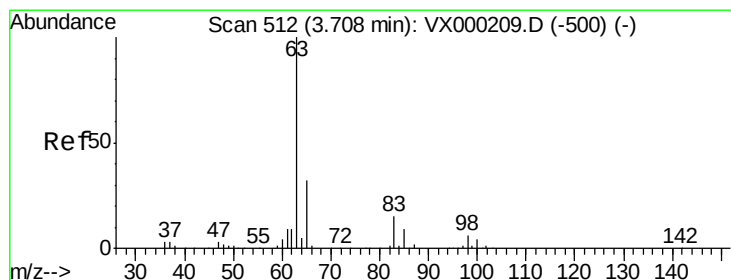
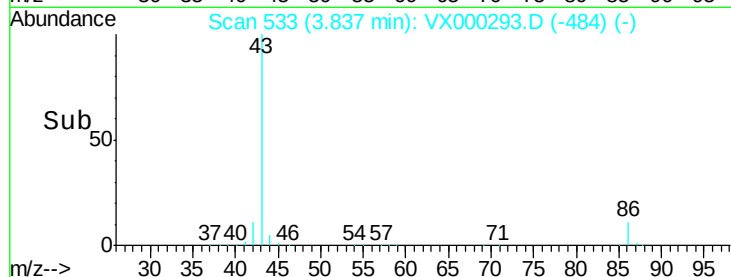
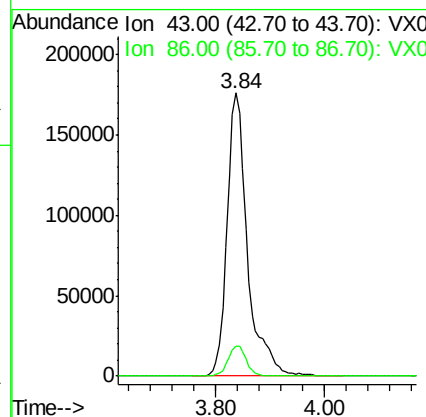
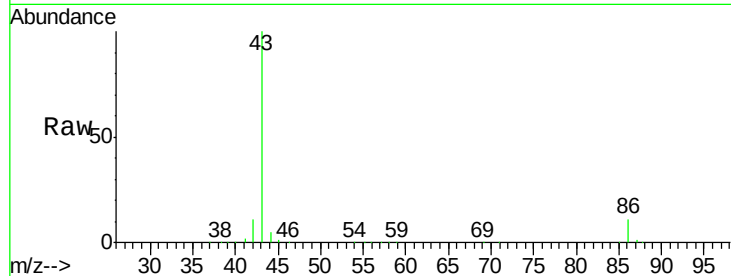
VX0313WBSD01

Manual Integrations

APPROVED

sam

3/14/2018 2:11:51 PM



#24

1,1-Dichloroethane

Concen: 22.16 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

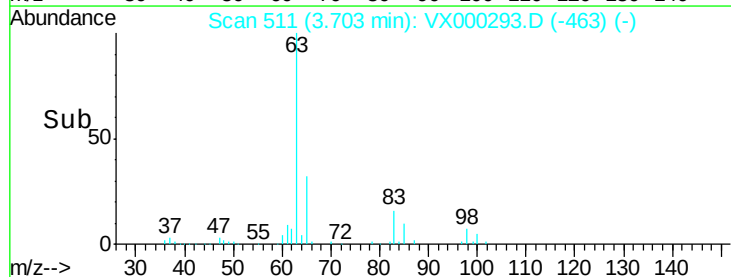
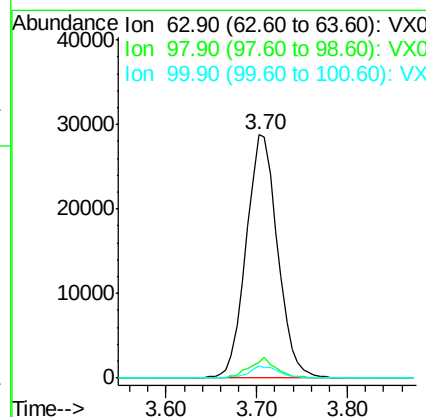
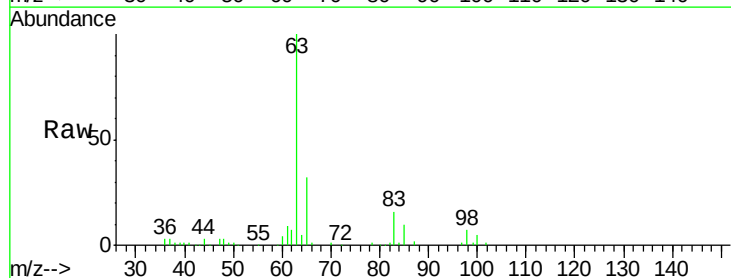
Tgt Ion: 63 Resp: 69119

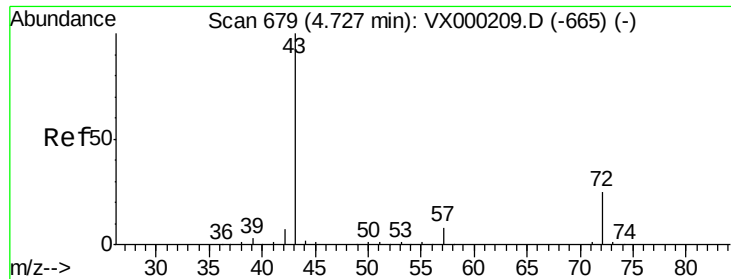
Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 99.75 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampled :

VX0313WBSD01

Tot Ion: 43 Resp: 186364

Ion Ratio Lower Upper

43 100

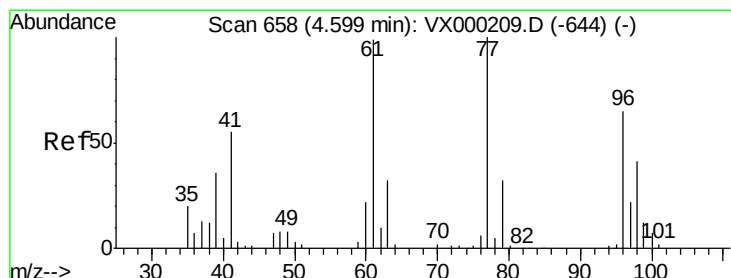
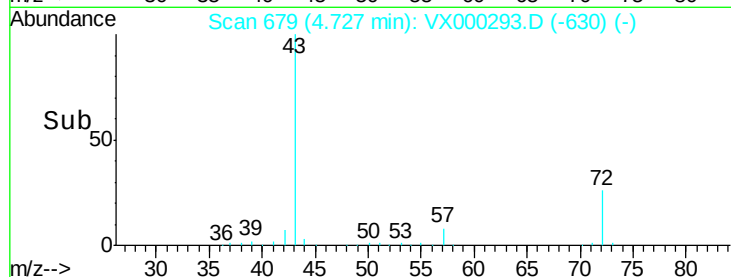
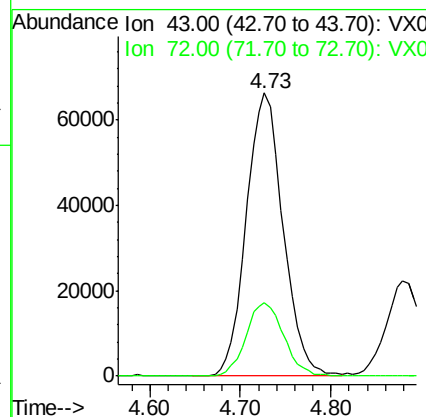
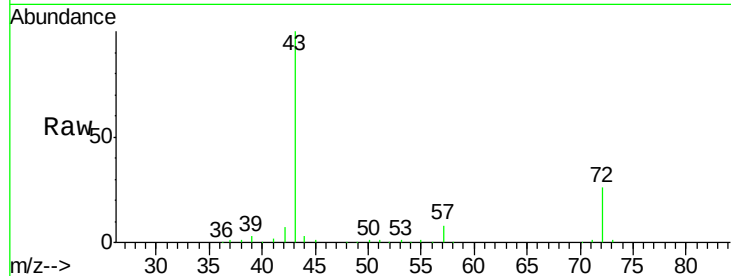
72 25.8 20.2 30.2

Manual Integrations

APPROVED

sam

3/14/2018 2:11:51 PM



#26

2,2-Dichloropropane

Concen: 21.83 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000293.D

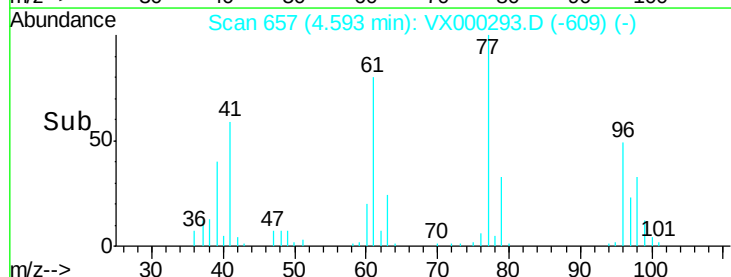
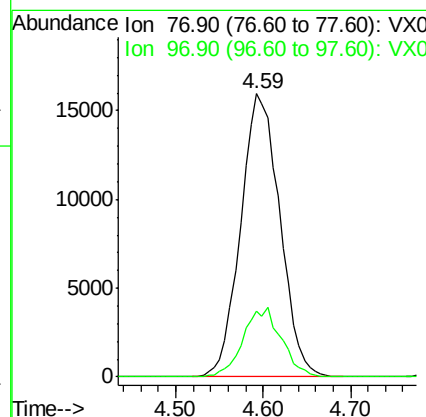
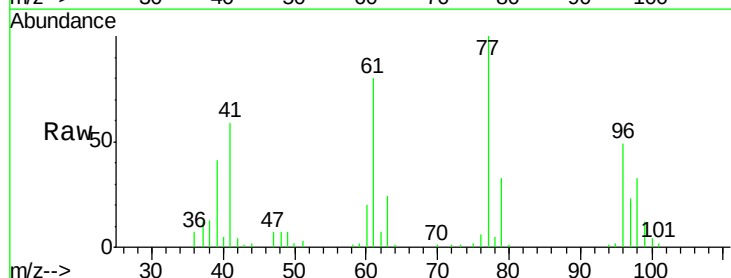
Acq: 13 Mar 2018 11:58

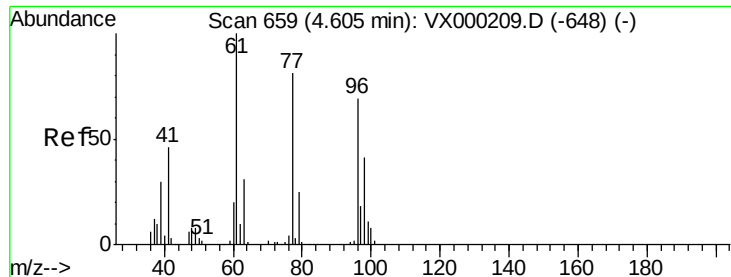
Tgt Ion: 77 Resp: 49768

Ion Ratio Lower Upper

77 100

97 23.8 11.4 34.1





#27

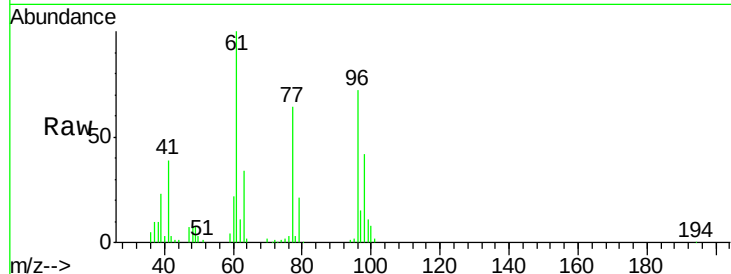
cis-1,2-Dichloroethene
Concen: 21.73 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

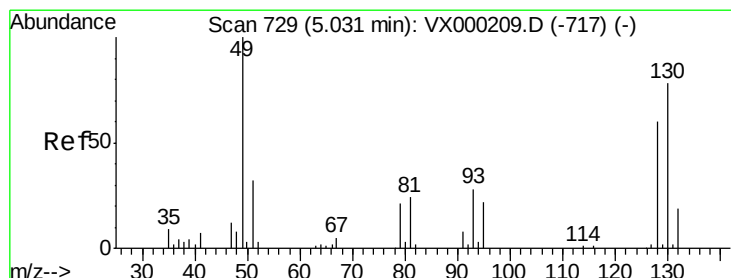
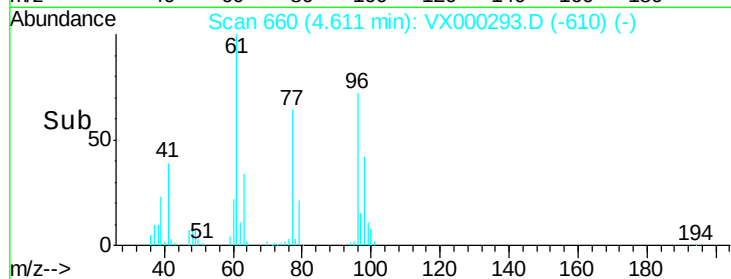
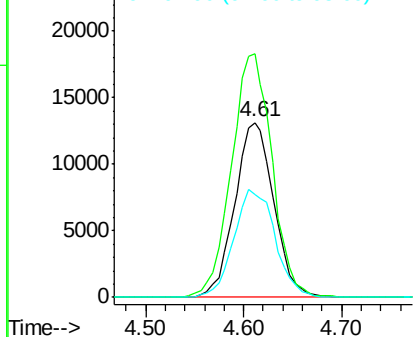
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.8	0.0	296.4
98	65.1	0.0	130.6

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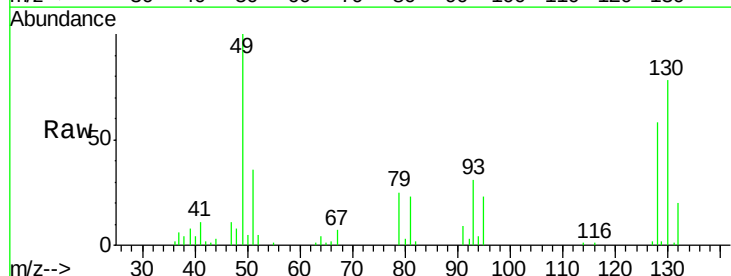
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



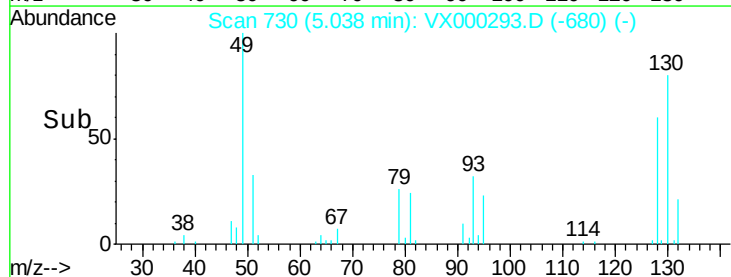
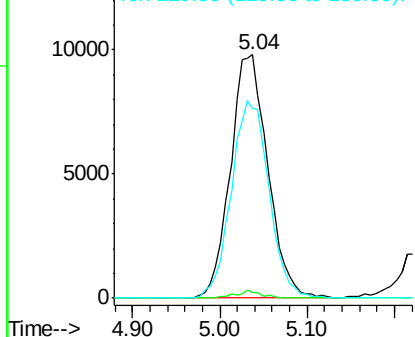
#28

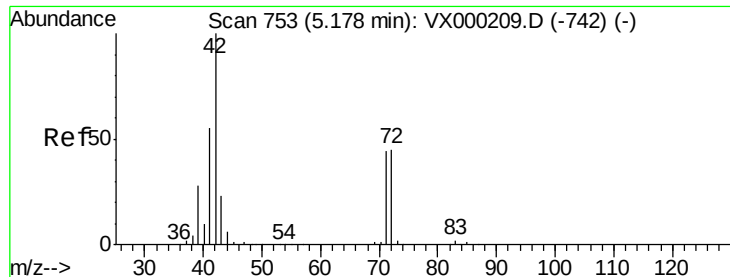
Bromochloromethane
Concen: 22.02 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.0
130	81.3	63.5	95.3



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





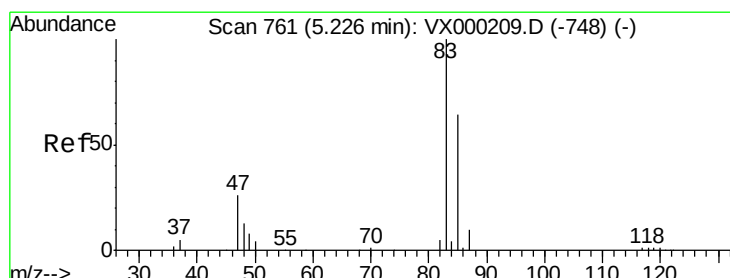
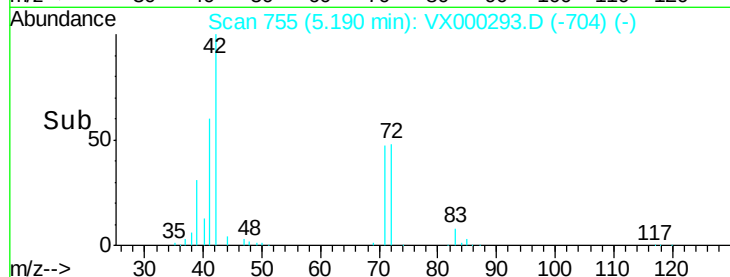
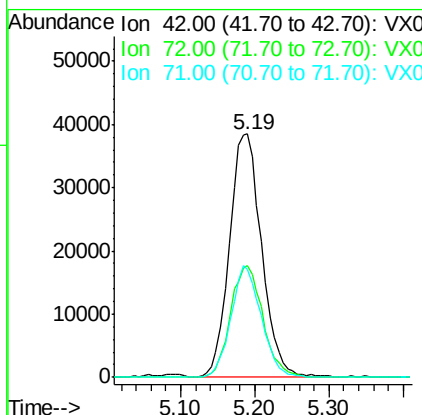
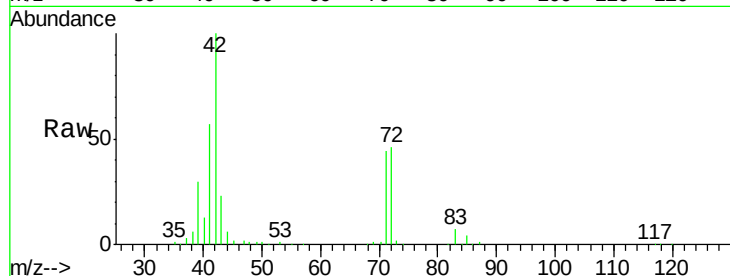
#29
Tetrahydrofuran
Concen: 98.66 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.3	55.9
71	43.6	35.0	52.4

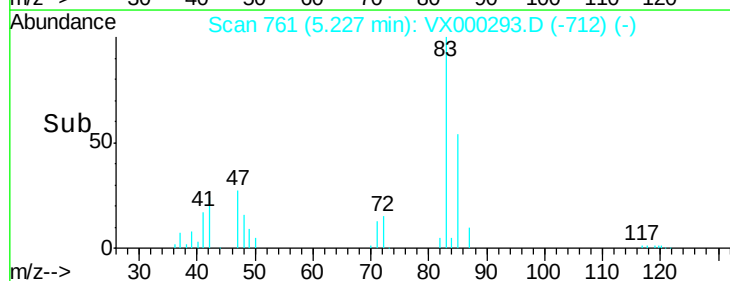
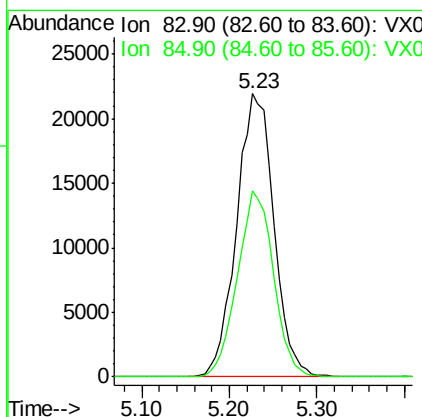
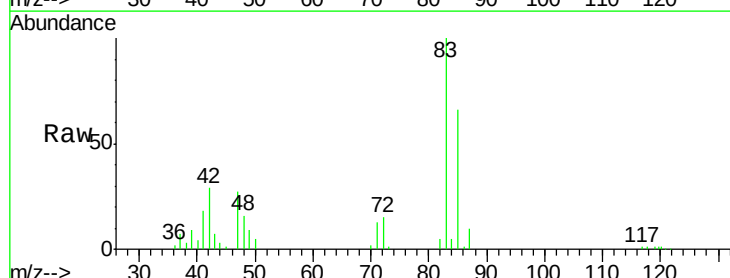
Manual Integrations
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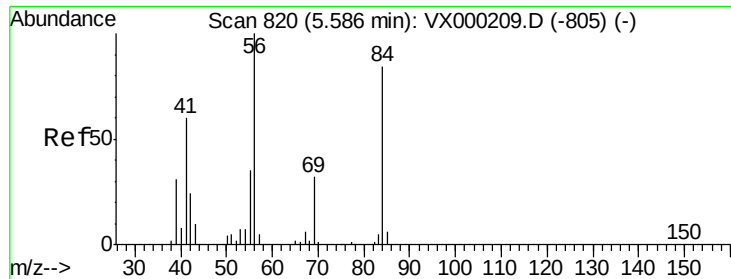
sam
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#30
Chloroform
Concen: 21.49 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.0	76.6





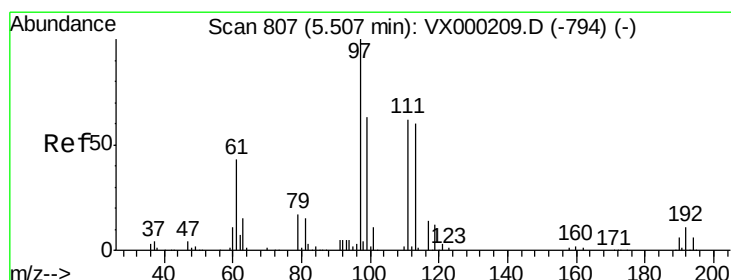
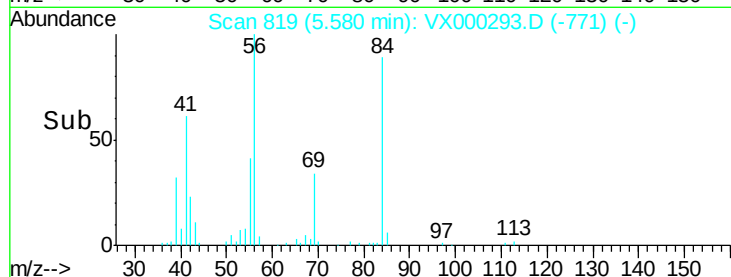
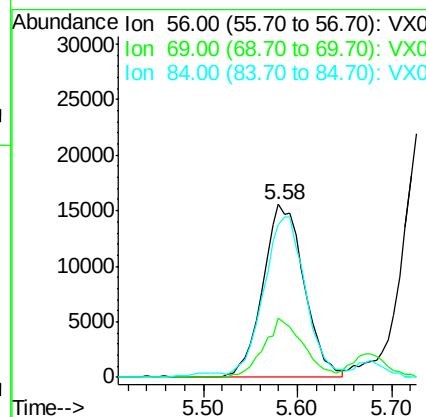
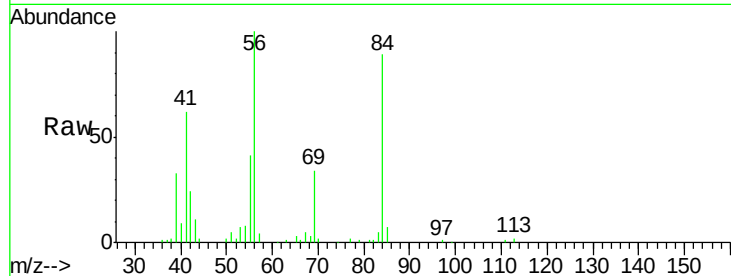
#31
Cyclohexane
Concen: 20.68 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	25.3	37.9
84	87.1	67.2	100.8

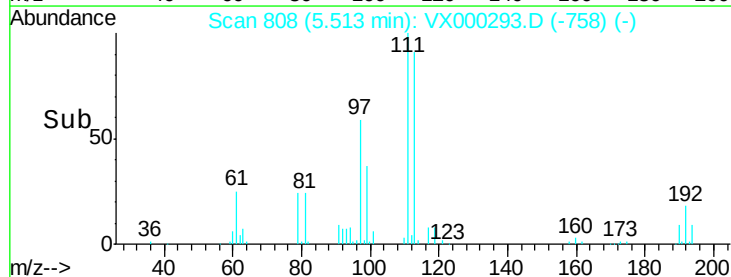
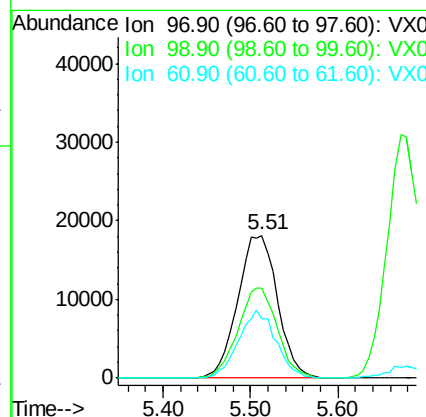
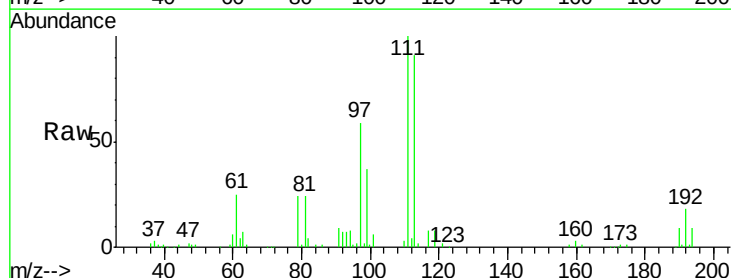
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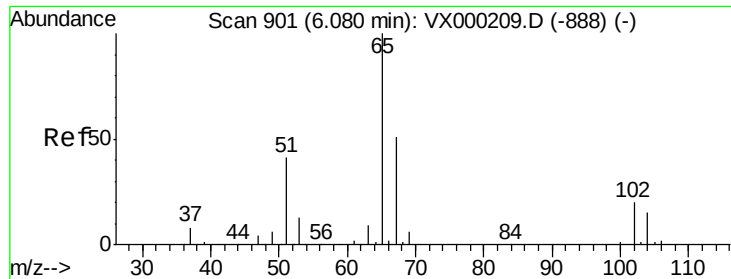
sam
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#32
1,1,1-Trichloroethane
Concen: 21.85 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.6	50.9	76.3
61	44.5	35.4	53.0





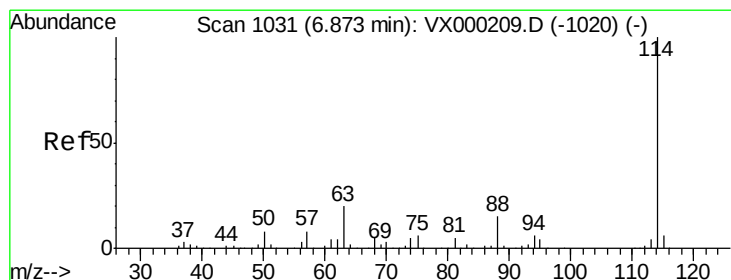
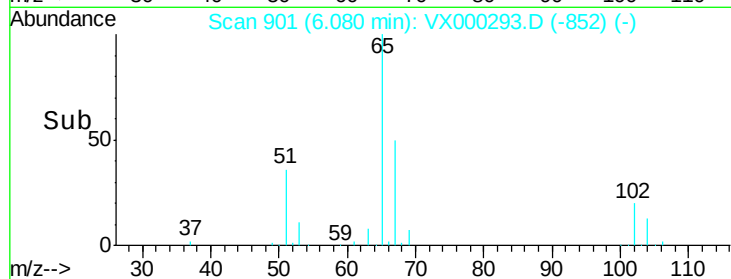
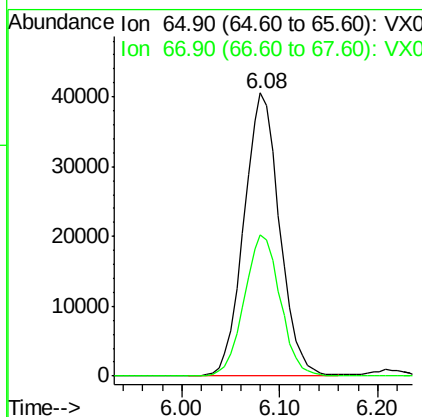
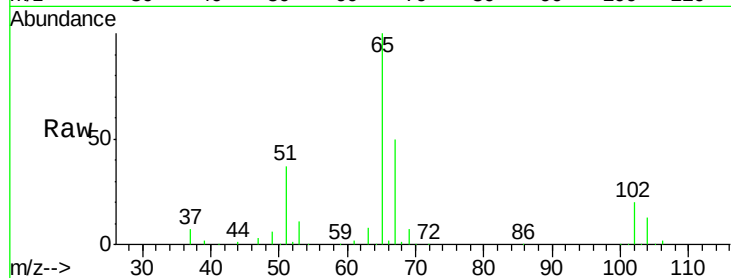
#33
 1,2-Dichloroethane-d4
 Concen: 48.88 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.2	0.0	103.4	

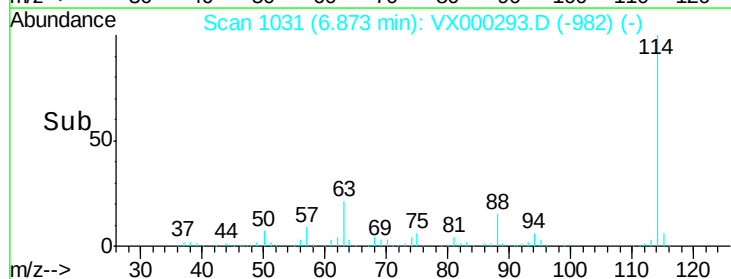
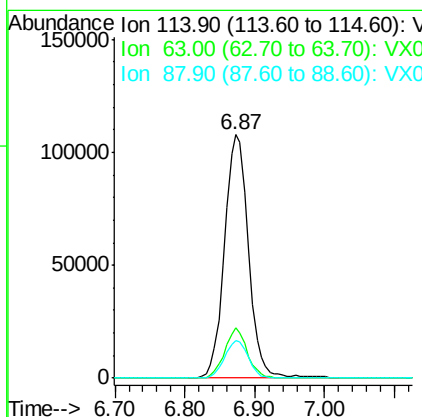
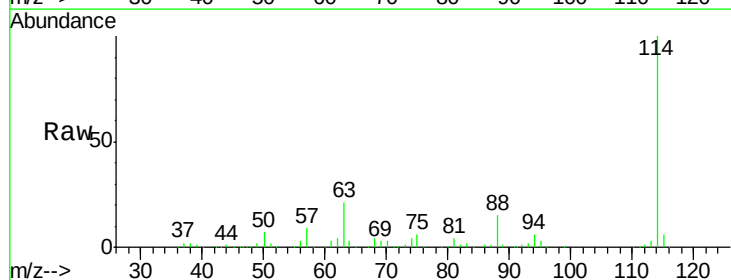
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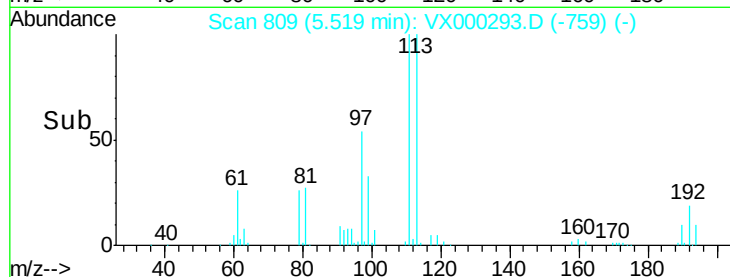
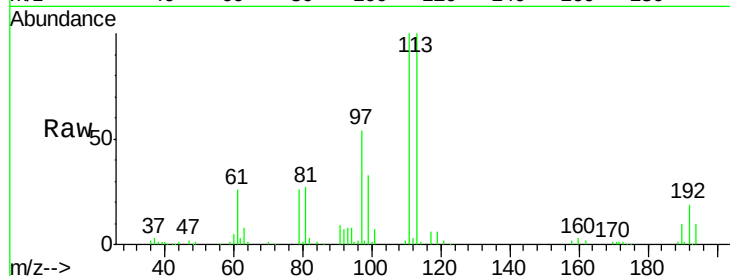
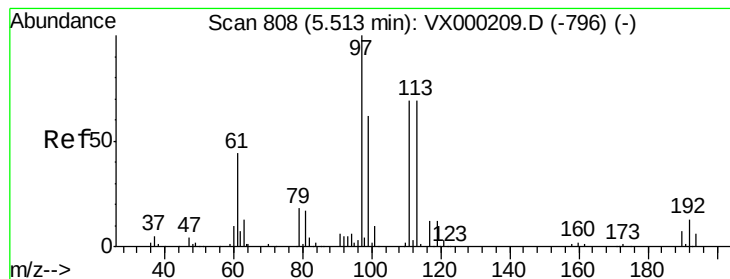
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.6	0.0	39.2	
88	15.3	0.0	29.8	





#35

Dibromofluoromethane

Concen: 49.94 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000293.D

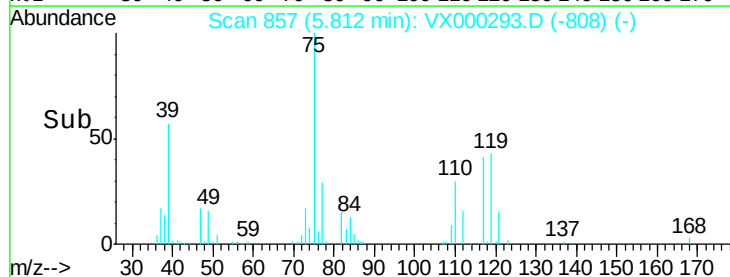
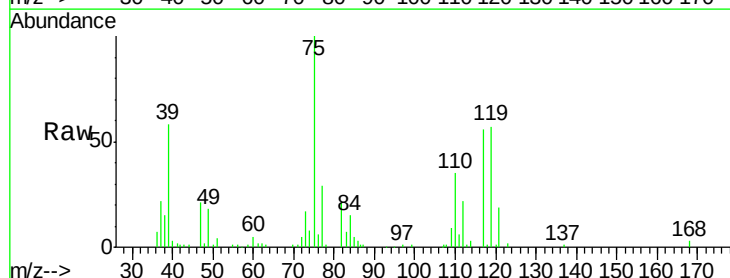
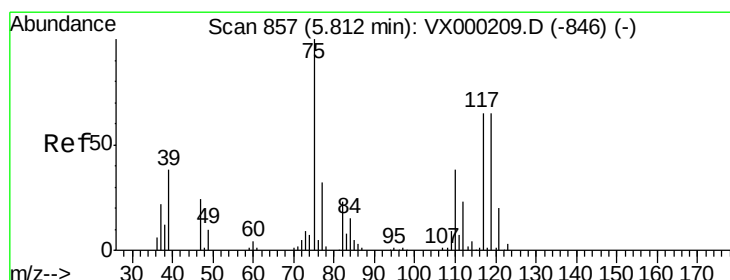
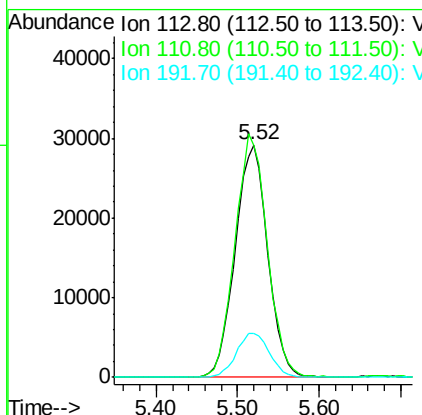
Acq: 13 Mar 2018 11:58

Tot Ion:	113	Resp:	80546
Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.0	124.6
192	19.3	15.5	23.3

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

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#36

1,1-Dichloropropene

Concen: 20.87 ug/l

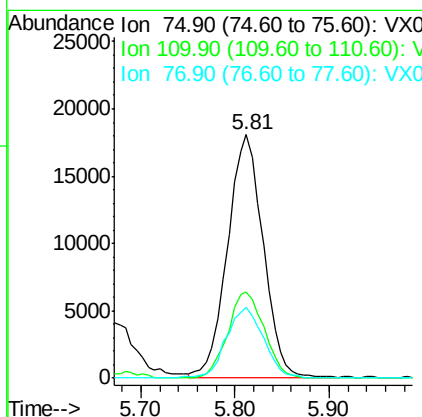
RT: 5.81 min Scan# 857

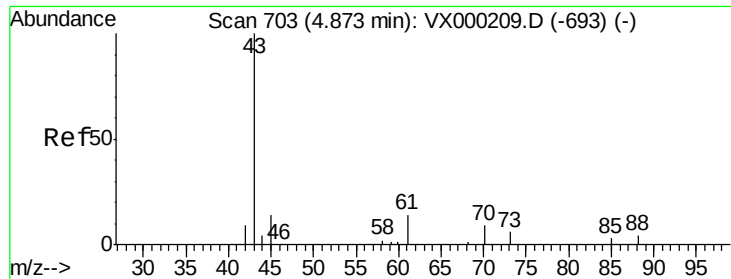
Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Tgt Ion:	75	Resp:	47677
Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.8	53.5
77	30.2	24.9	37.3





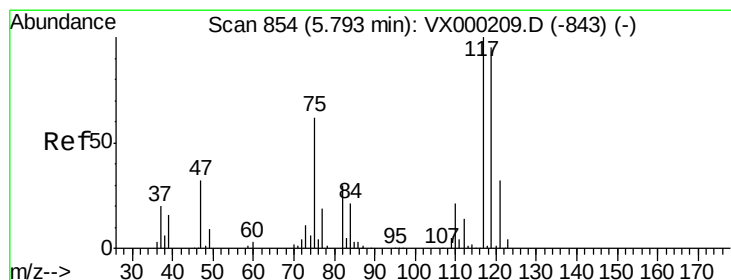
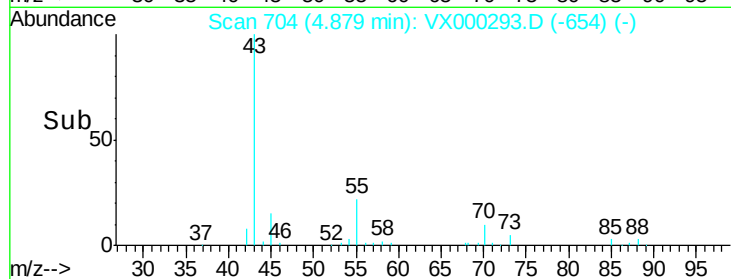
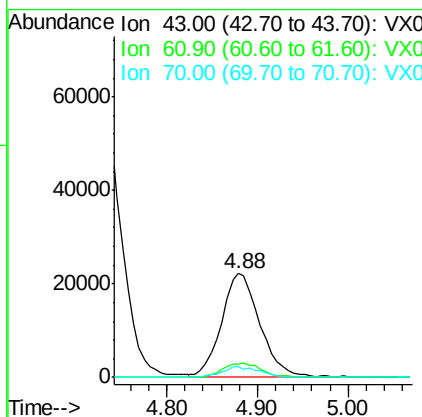
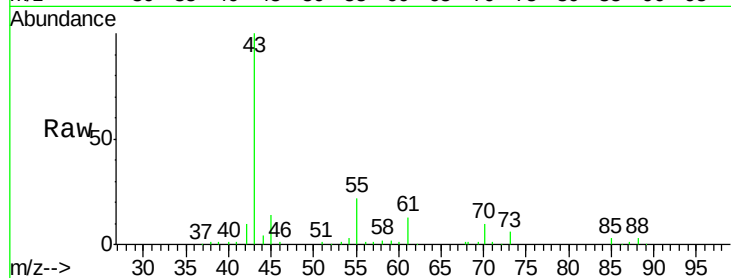
#37
Ethyl Acetate
Concen: 19.52 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.6
70	10.0	7.8	11.6

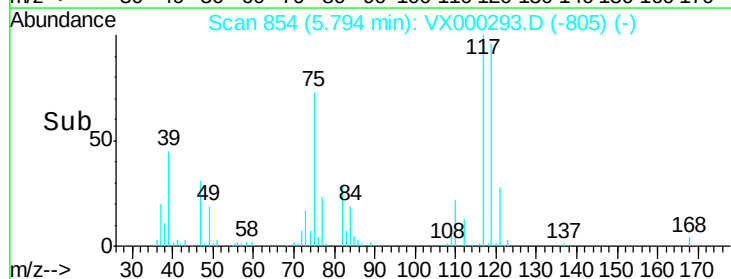
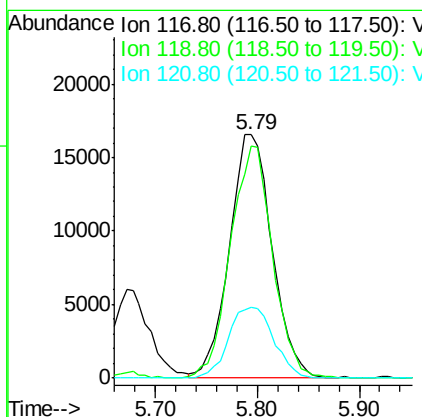
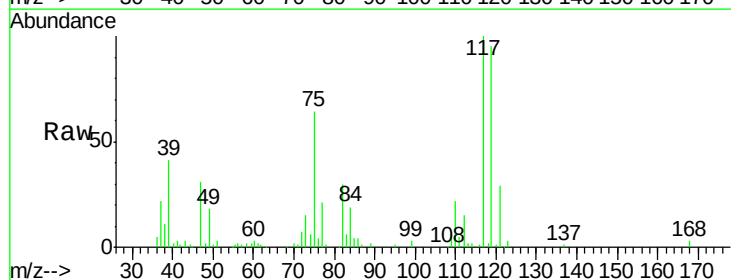
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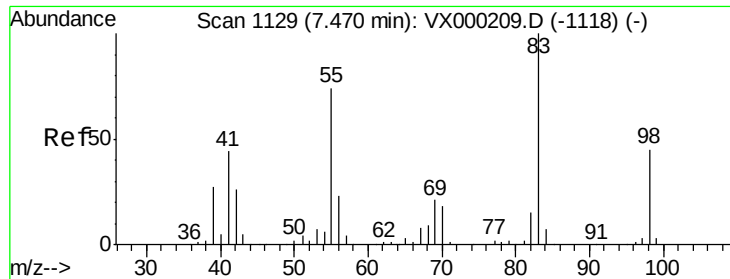
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#38
Carbon Tetrachloride
Concen: 20.81 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.9	113.9
121	29.0	25.8	38.6





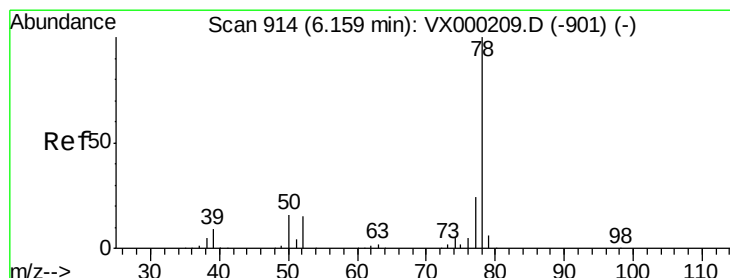
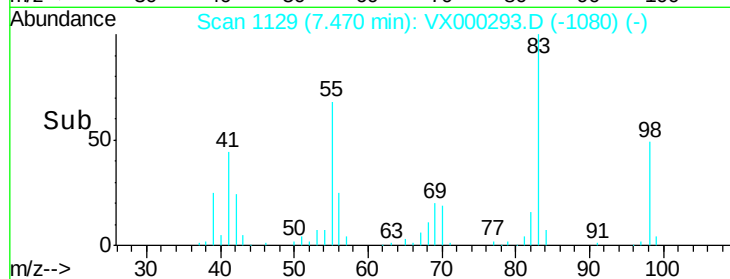
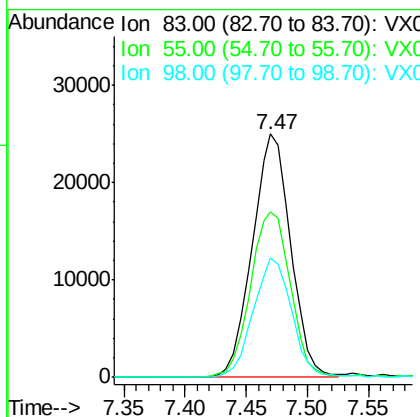
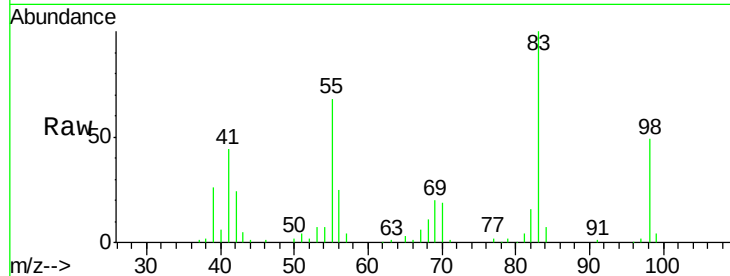
#39
Methylvlcyclohexane
Concen: 19.49 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion	83	Resp	54634
Ion Ratio	Lower	Upper	
83	100		
55	67.7	59.4	89.0
98	49.2	36.3	54.5

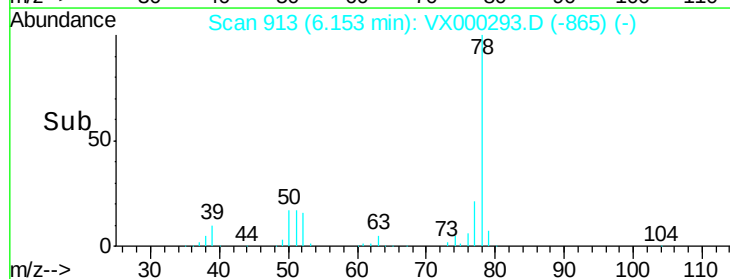
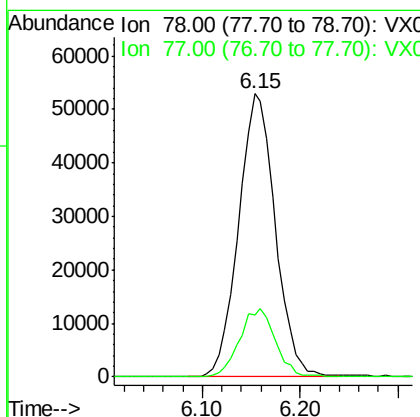
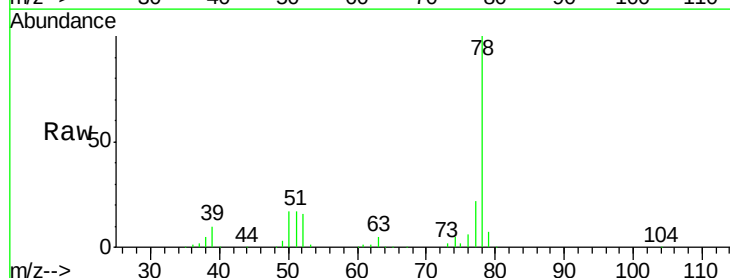
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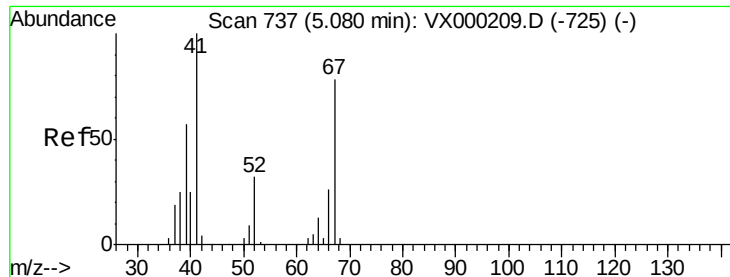
sam
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#40
Benzene
Concen: 20.85 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion	78	Resp	137398
Ion Ratio	Lower	Upper	
78	100		
77	21.9	19.4	29.2





#41

Methacrylonitrile

Concen: 20.15 ug/l

RT: 5.09 min Scan# 738

Delta R.T. 0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

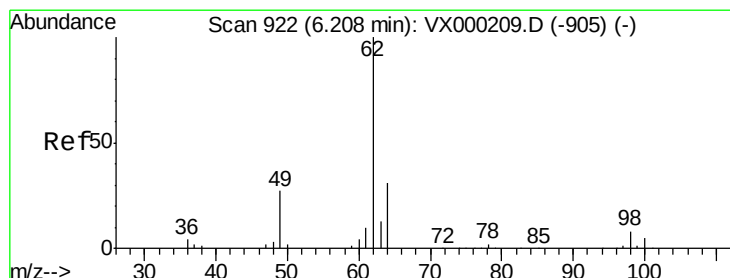
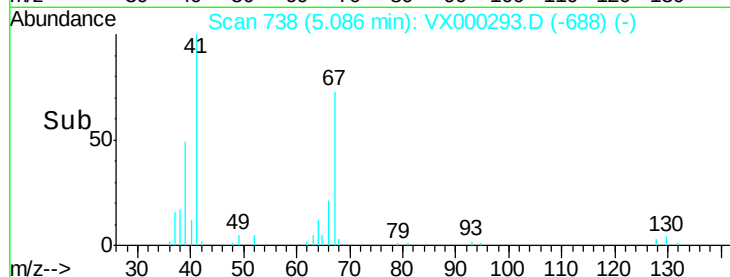
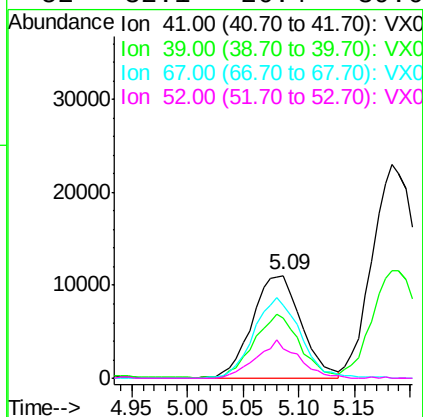
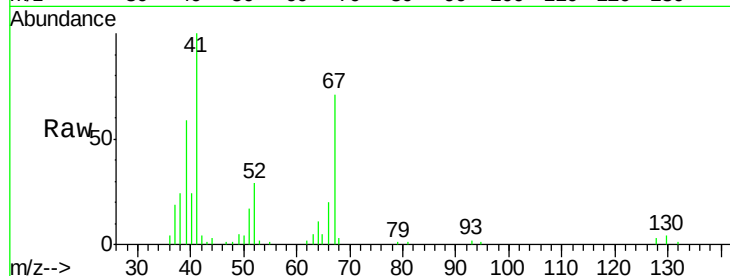
ClientSampleId :

VX0313WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
33917	41	100		
	39	57.9	47.8	71.6
	67	74.8	59.3	88.9
	52	32.1	26.4	39.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 21.35 ug/l

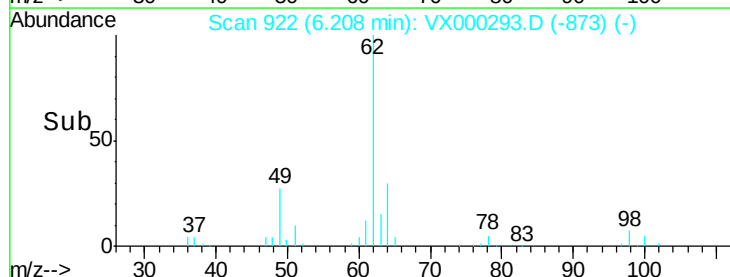
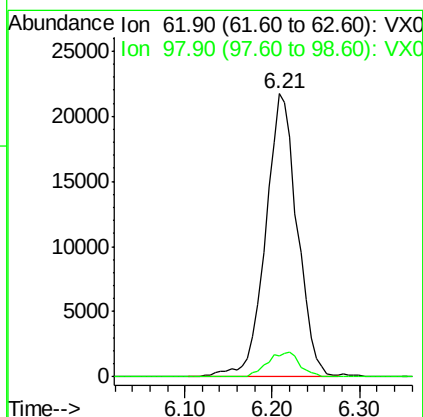
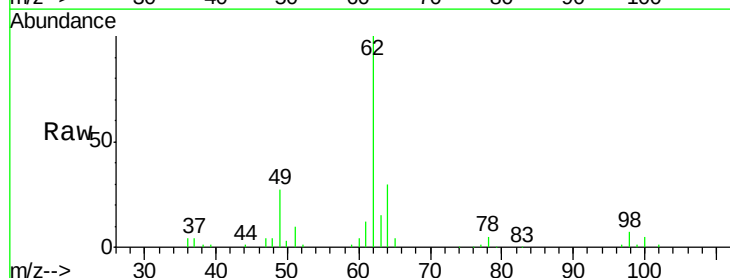
RT: 6.21 min Scan# 922

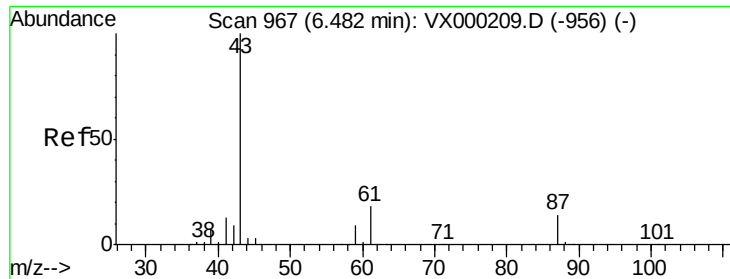
Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Tgt Ion	Ion	Ratio	Lower	Upper
55174	62	100		
	98	8.8	0.0	16.2





#43

Isopropyl Acetate

Concen: 20.26 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

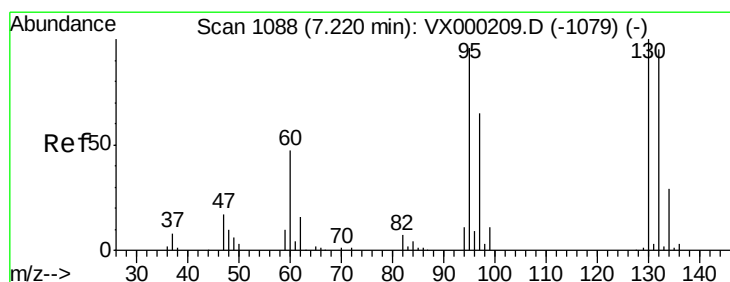
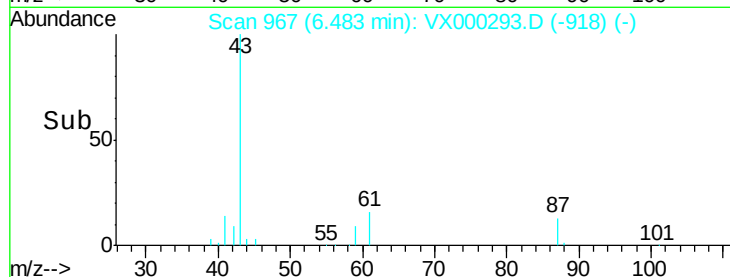
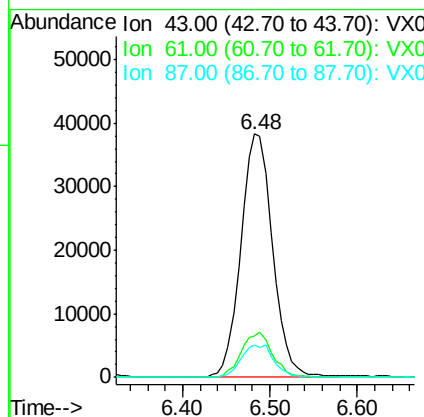
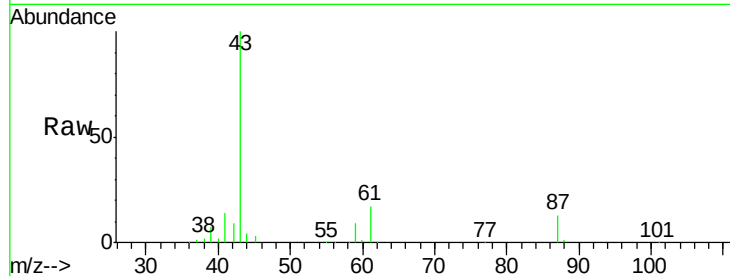
ClientSampleId :

VX0313WBSD01

Tot Ion:	43	Resp:	96695
Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.8	22.2
87	13.6	10.6	16.0

Manual Integrations
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#44

Trichloroethene

Concen: 20.94 ug/l

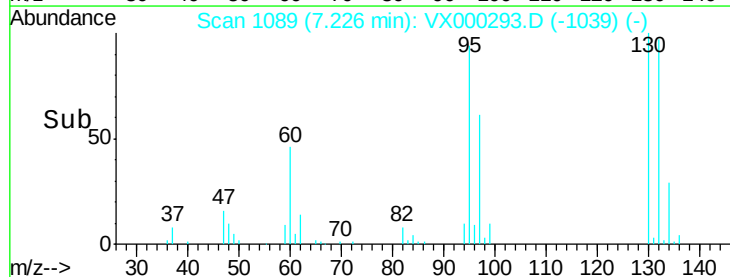
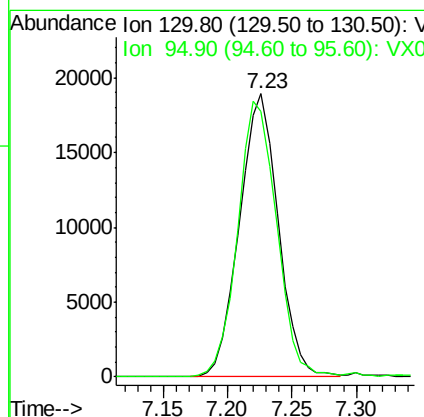
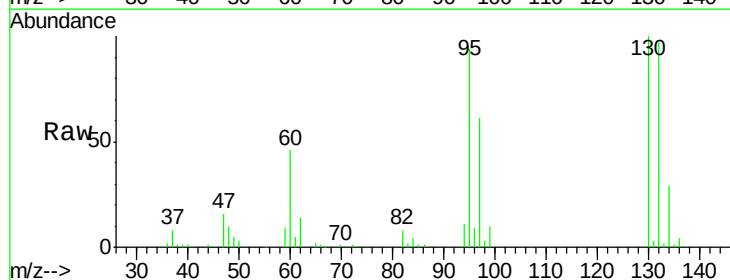
RT: 7.23 min Scan# 1089

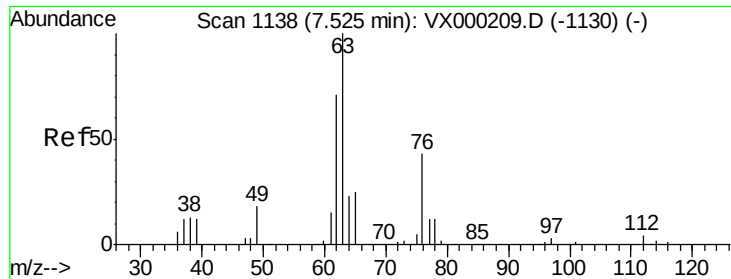
Delta R.T. 0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Tgt Ion:	130	Resp:	39494
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	191.8





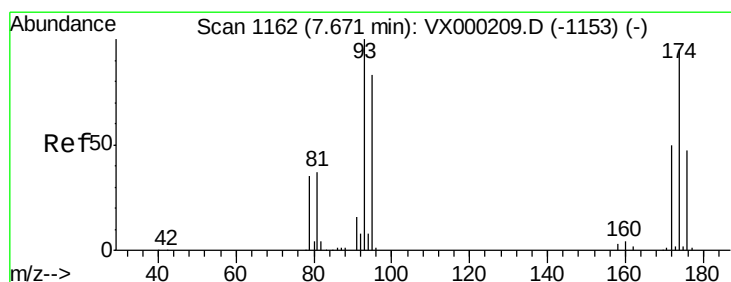
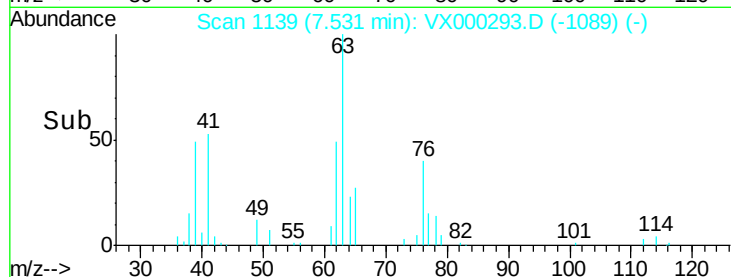
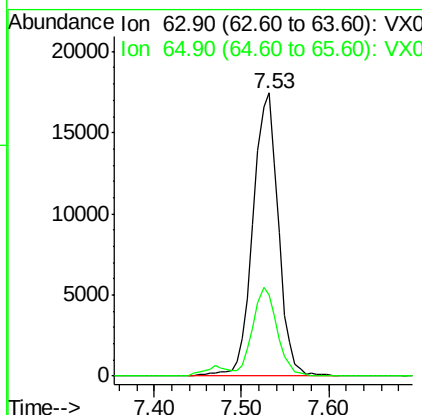
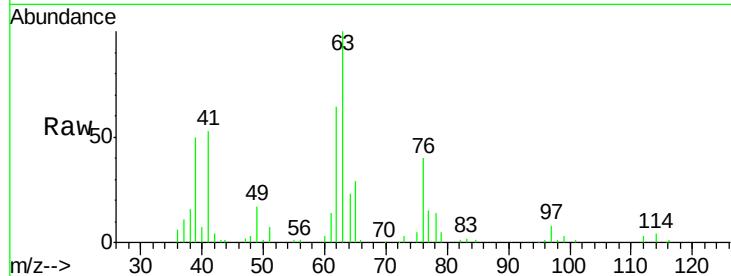
#45
 1,2-Dichloropropane
 Concen: 21.11 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Instrument :
 MSVOA_X
 ClientSampled :
 VX0313WBSD01

Tot Ion: 63 Resp: 35222
 Ion Ratio Lower Upper
 63 100
 65 28.7 22.3 33.5

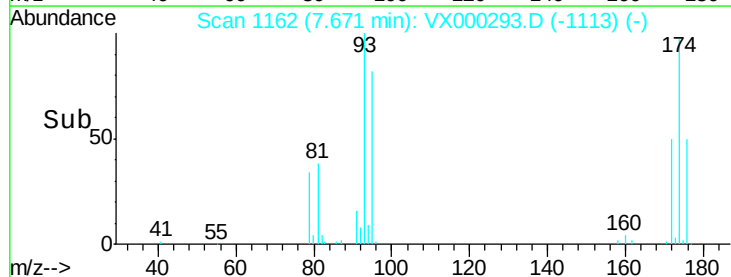
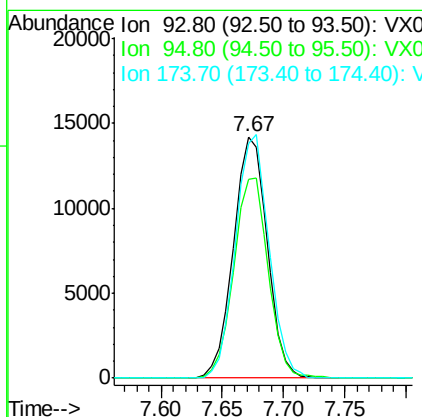
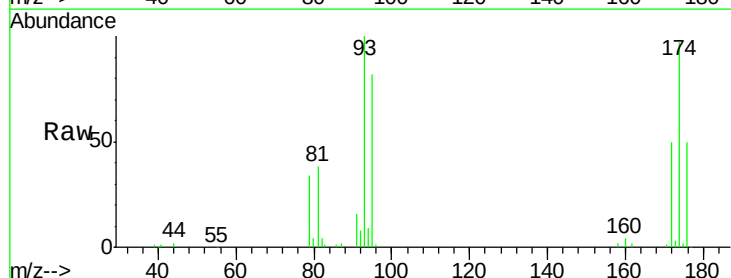
Manual Integrations
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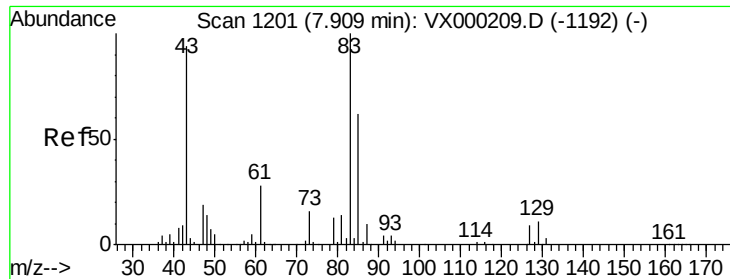
sam
 3/14/2018 2:11:51 PM



#46
 Dibromomethane
 Concen: 20.63 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Tgt Ion: 93 Resp: 27243
 Ion Ratio Lower Upper
 93 100
 95 84.5 64.1 96.1
 174 99.9 75.8 113.8





#47

Bromodichloromethane

Concen: 20.97 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

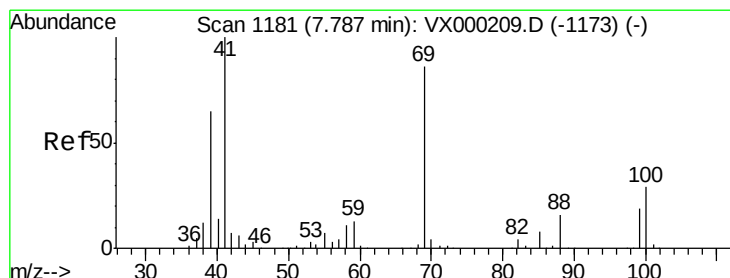
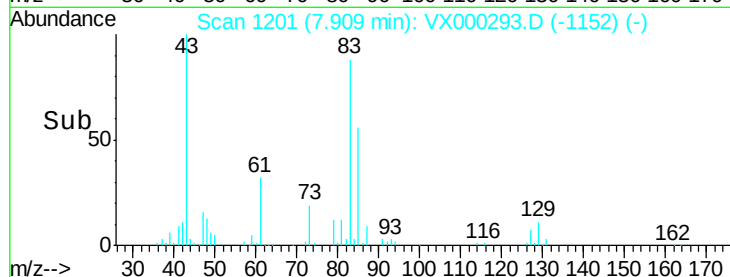
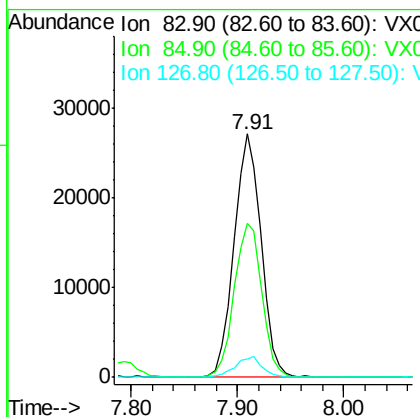
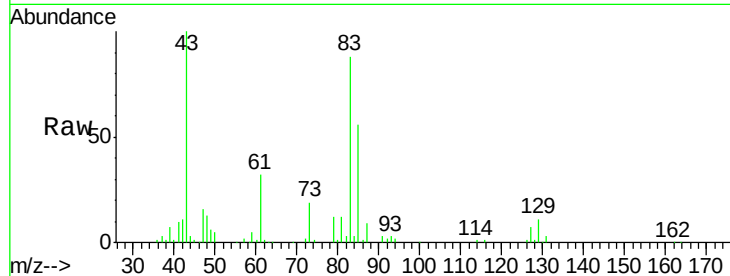
ClientSampled :

VX0313WBSD01

Tot Ion:	83	Resp:	48692
Ion	Ratio	Lower	Upper
83	100		
85	63.4	49.6	74.4
127	7.5	7.0	10.4

Manual Integrations
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sam
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#48

Methyl methacrylate

Concen: 19.59 ug/l

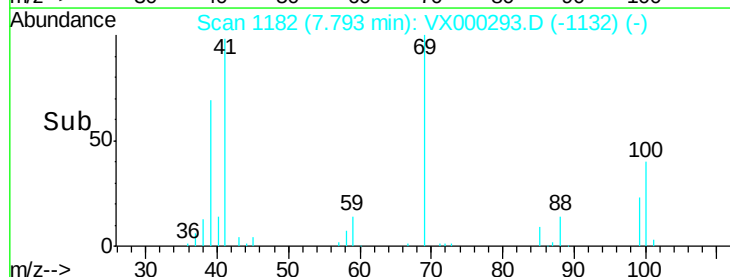
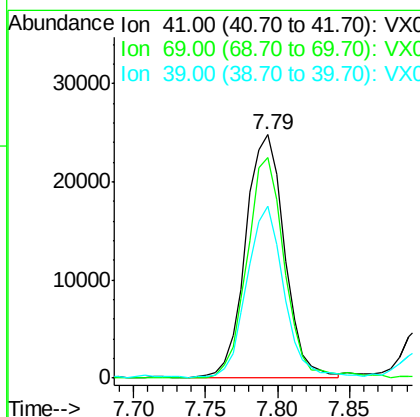
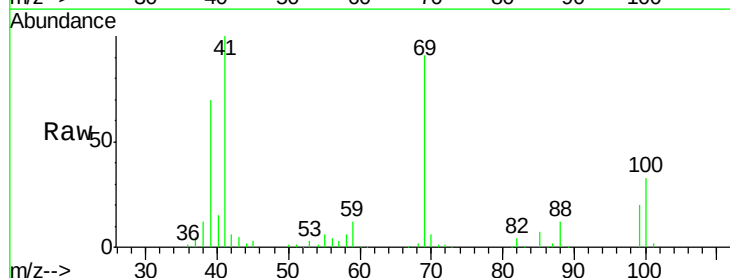
RT: 7.79 min Scan# 1182

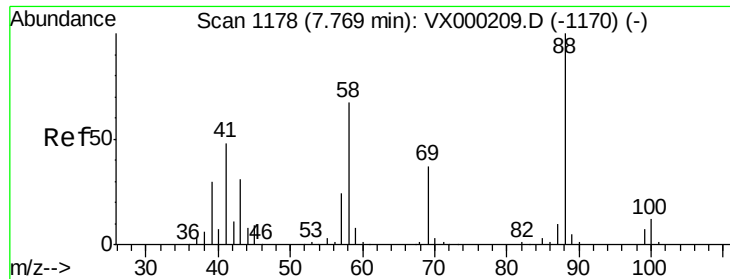
Delta R.T. 0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Tgt Ion:	41	Resp:	46052
Ion	Ratio	Lower	Upper
41	100		
69	88.7	70.0	105.0
39	67.4	53.6	80.4





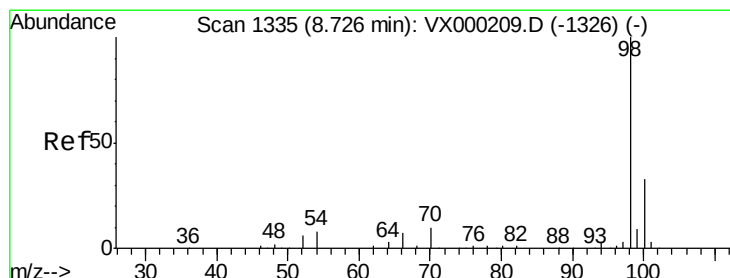
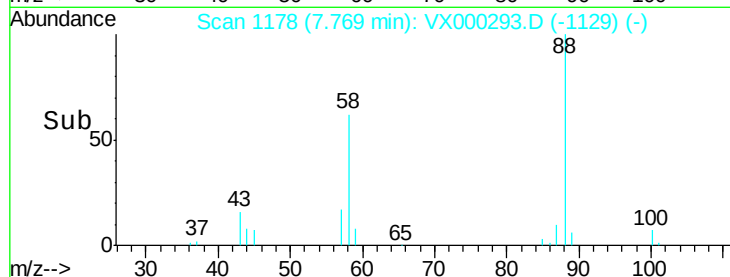
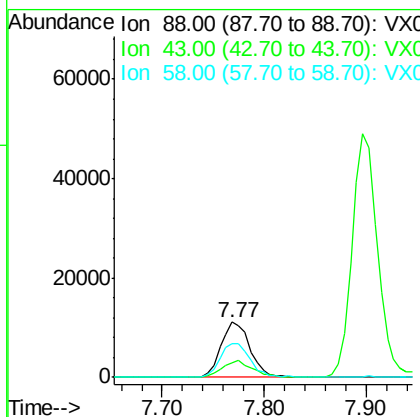
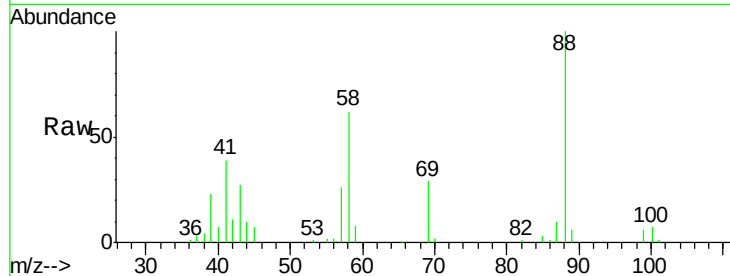
#49
1,4-Dioxane
Concen: 409.91 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	26.9	40.3
58	63.6	52.2	78.4

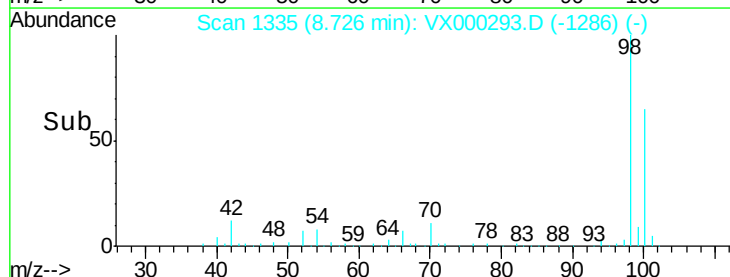
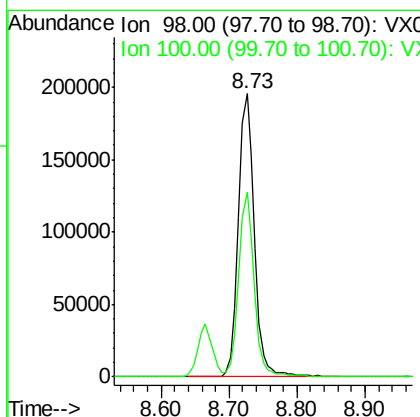
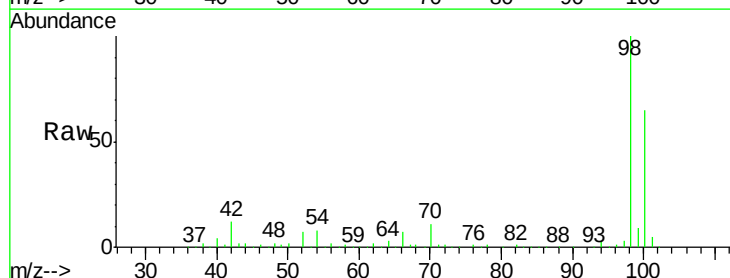
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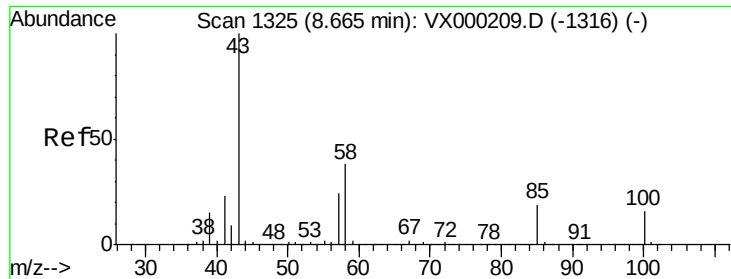
sam
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#50
Toluene-d8
Concen: 47.82 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 99.37 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tot Ion: 43 Resp: 358011

Ion Ratio Lower Upper

43 100

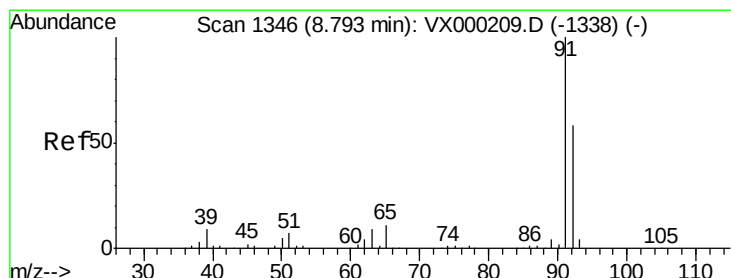
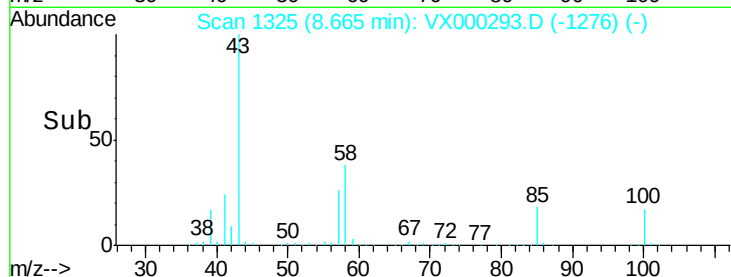
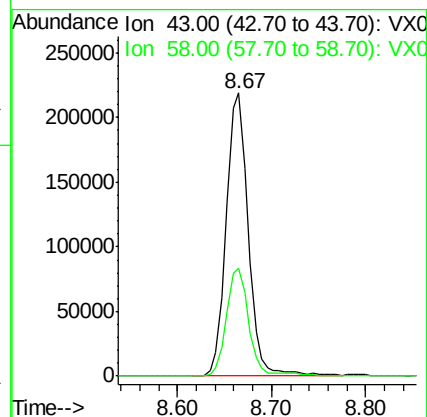
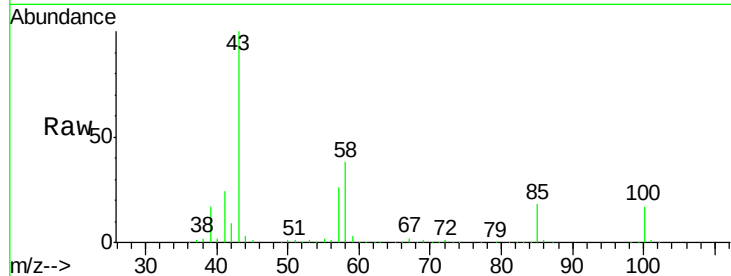
58 37.9 30.2 45.2

Manual Integrations

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sam

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#52

Toluene

Concen: 20.66 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000293.D

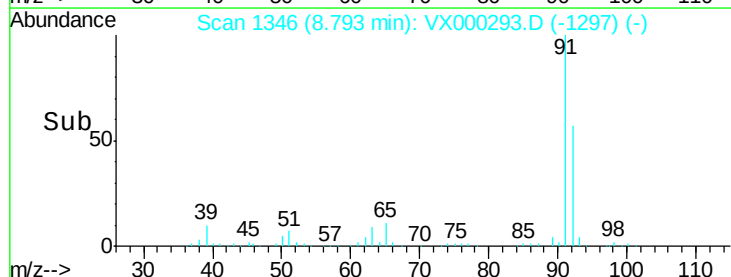
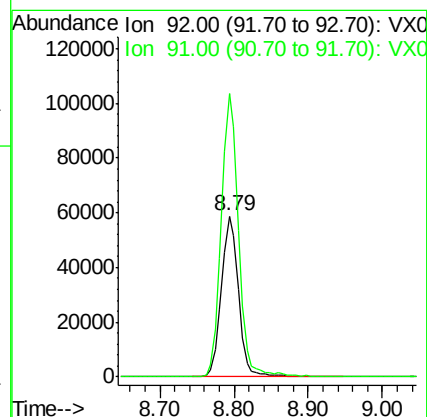
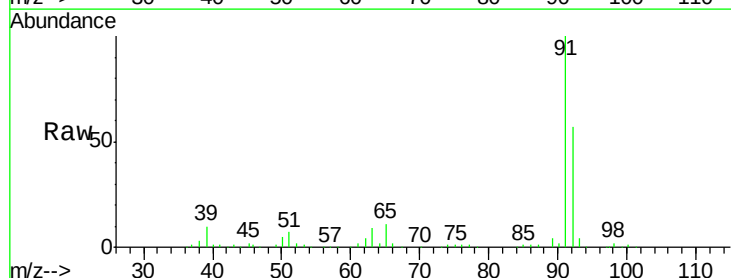
Acq: 13 Mar 2018 11:58

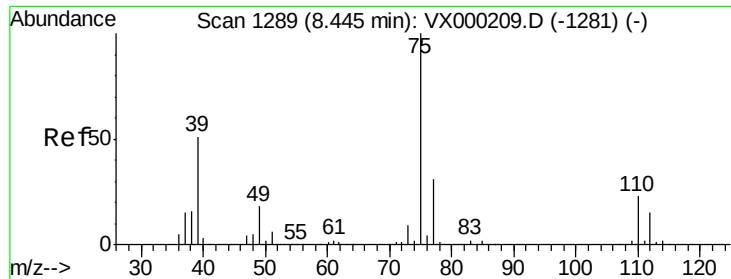
Tgt Ion: 92 Resp: 93273

Ion Ratio Lower Upper

92 100

91 178.1 139.0 208.6





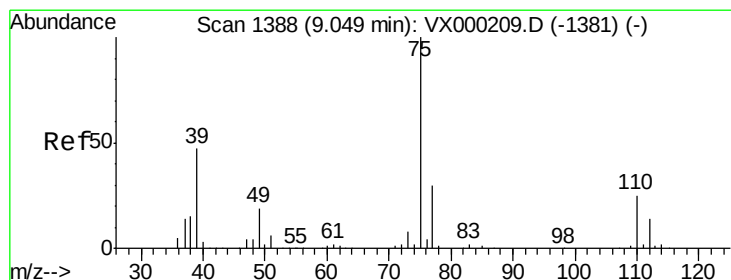
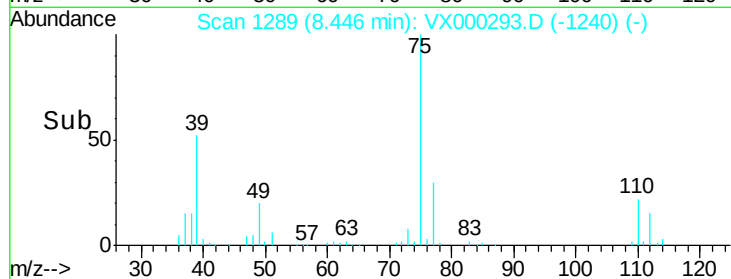
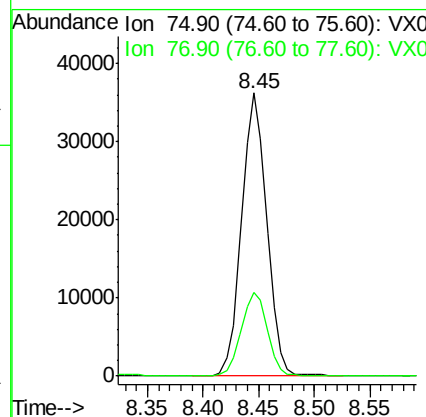
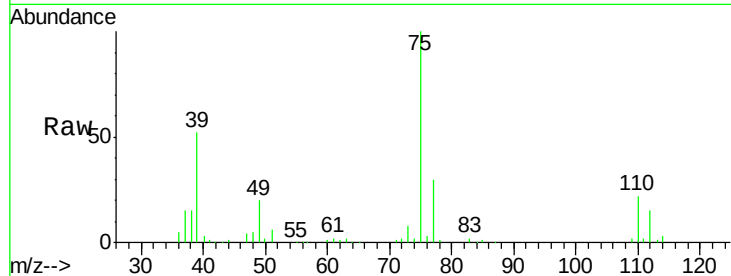
#53
 t-1,3-Dichloropropene
 Concen: 20.73 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Tot Ion: 75 Resp: 56727
 Ion Ratio Lower Upper
 75 100
 77 29.5 24.8 37.2

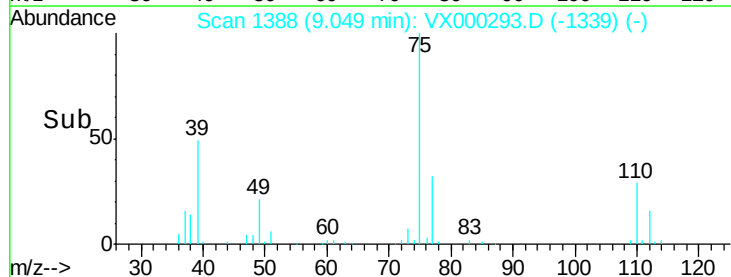
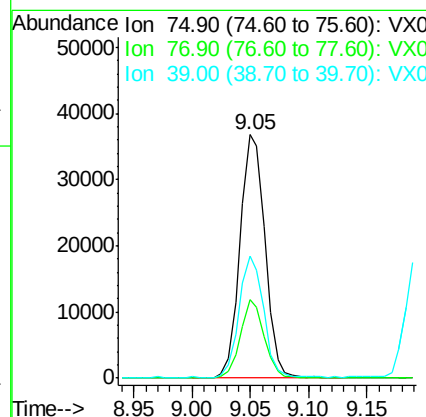
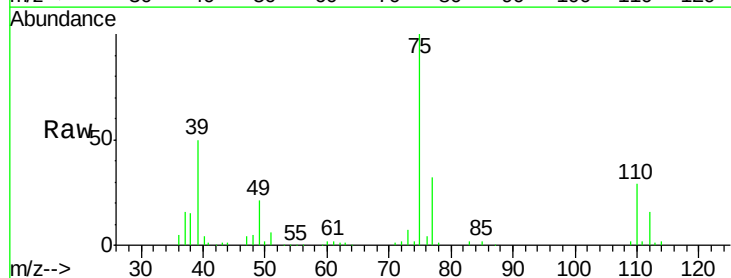
Manual Integrations
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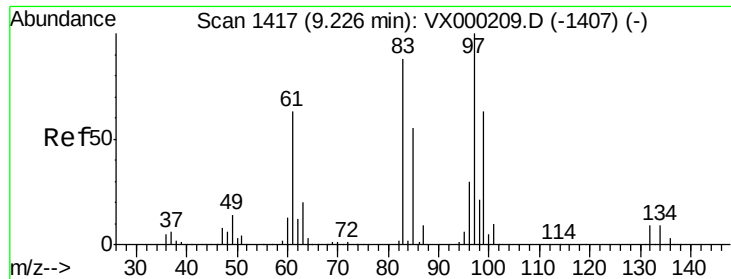
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 20.83 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Tgt Ion: 75 Resp: 55140
 Ion Ratio Lower Upper
 75 100
 77 32.2 23.9 35.9
 39 49.9 37.4 56.2





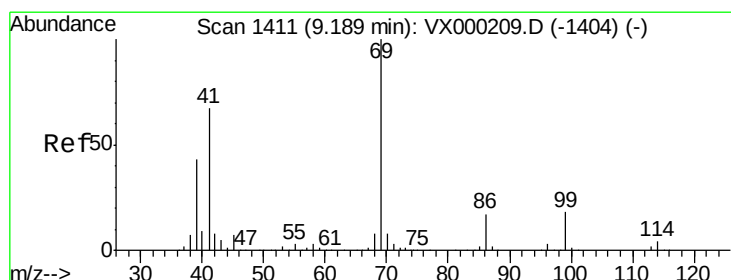
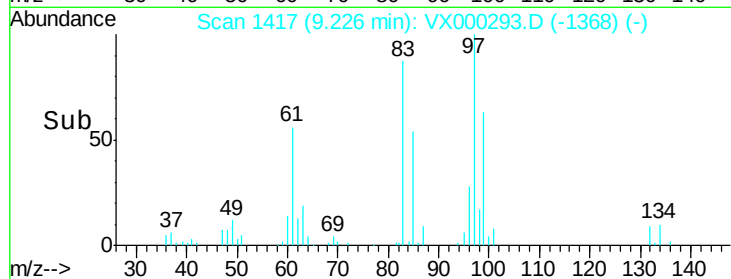
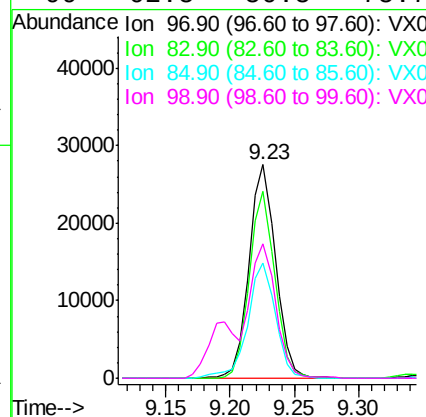
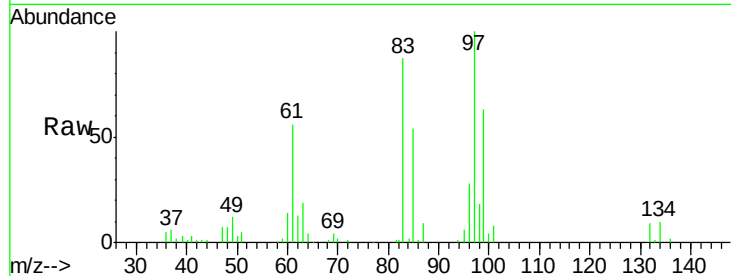
#55
 1,1,2-Trichloroethane
 Concen: 21.45 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Tot Ion:	97	Resp:	39228
Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.4	105.6
85	53.7	43.9	65.9
99	62.5	50.5	75.7

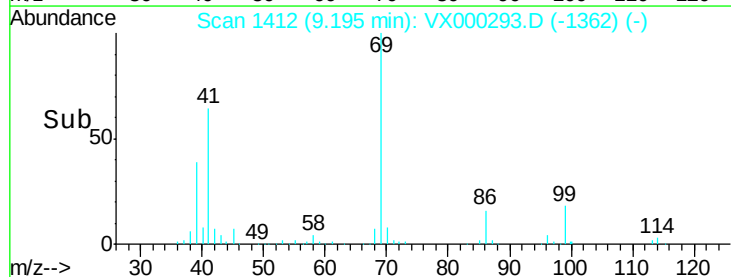
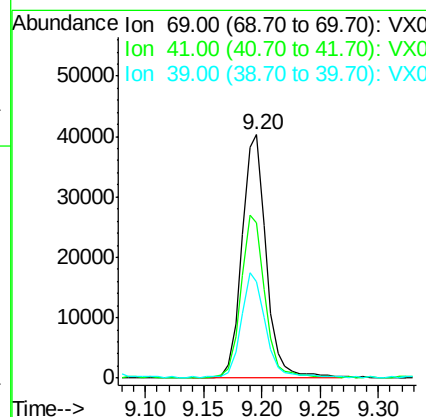
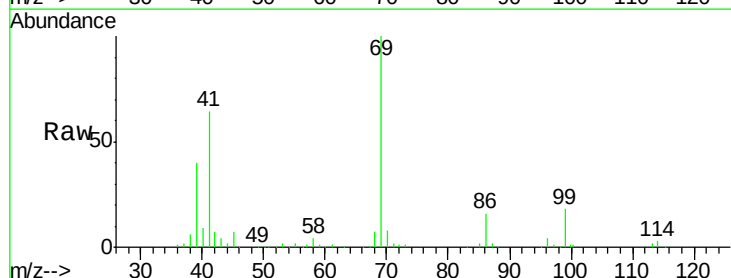
Manual Integrations
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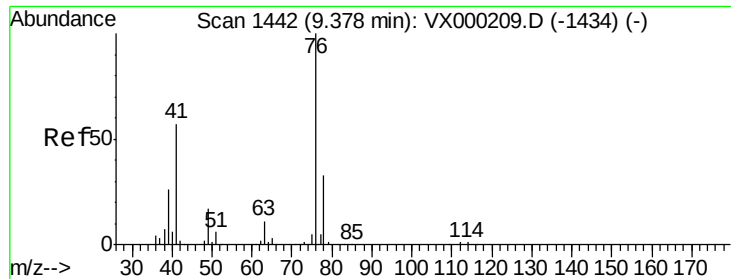
sam
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#56
 Ethyl methacrylate
 Concen: 21.41 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Tgt Ion:	69	Resp:	58596
Ion	Ratio	Lower	Upper
69	100		
41	67.2	52.2	78.2
39	42.1	34.3	51.5





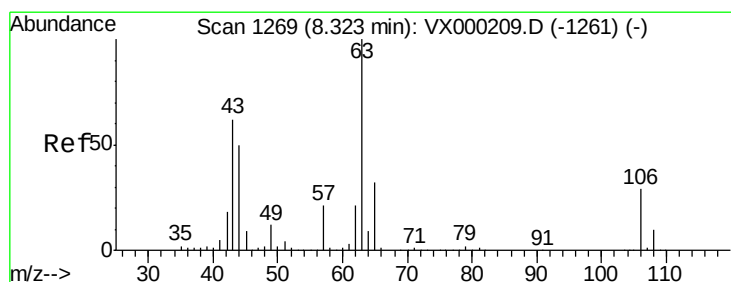
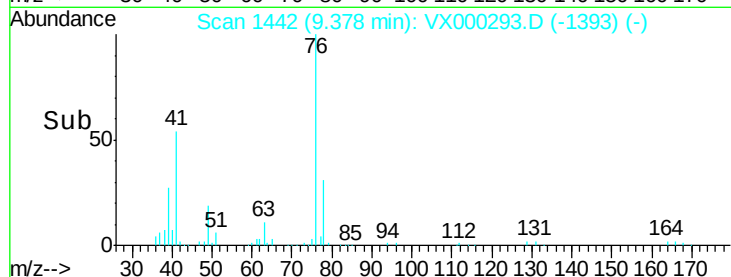
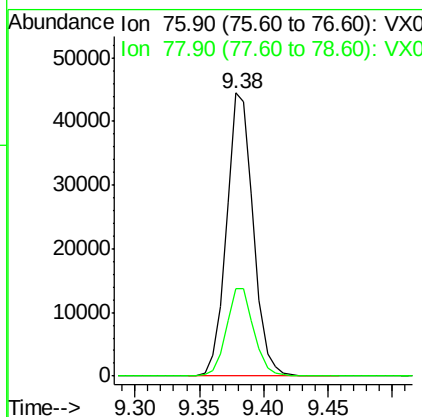
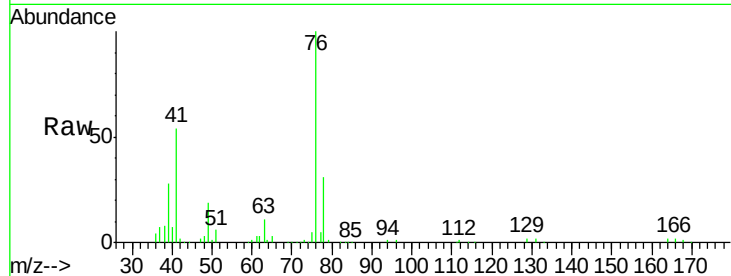
#57
 1,3-Dichloropropane
 Concen: 20.98 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Tot Ion: 76 Resp: 64425
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.2 39.2

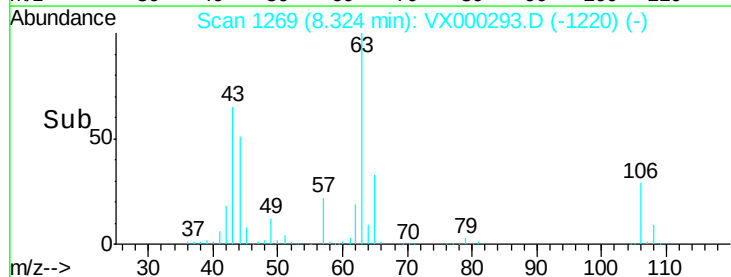
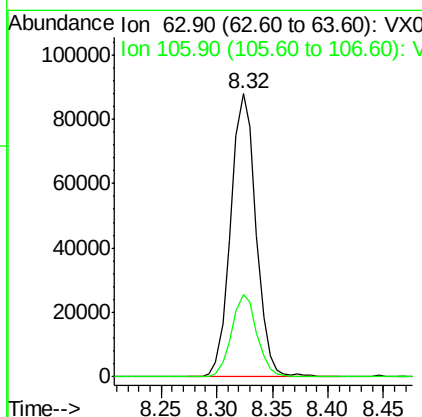
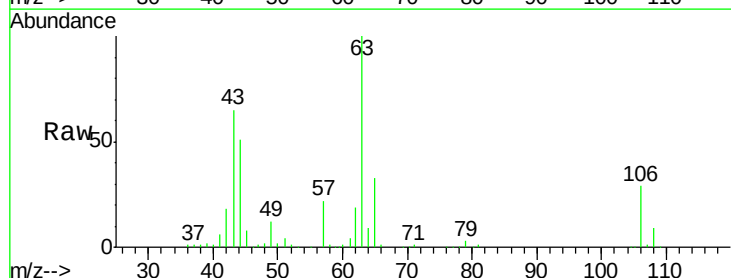
Manual Integrations
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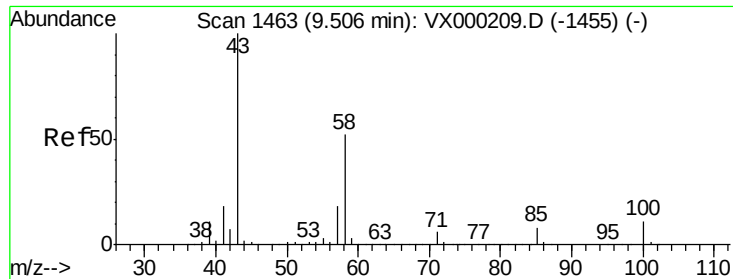
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 100.69 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Tgt Ion: 63 Resp: 139145
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.2 34.8





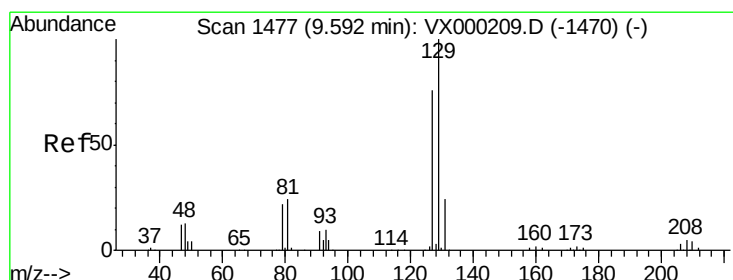
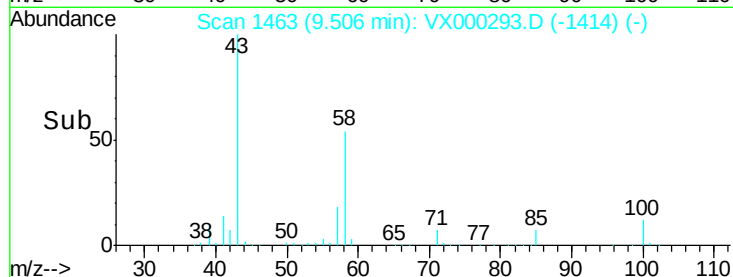
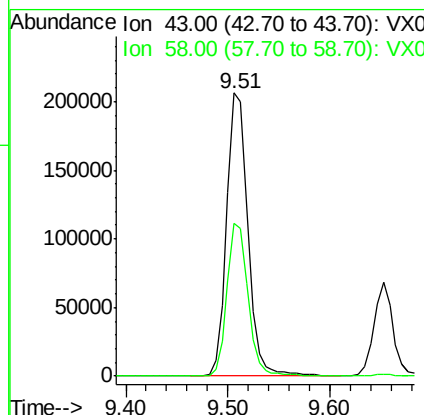
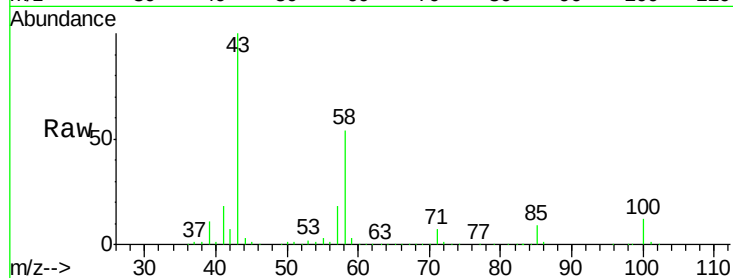
#59
2-Hexanone
Concen: 97.68 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion: 43 Resp: 300071
Ion Ratio Lower Upper
43 100
58 53.5 26.6 79.7

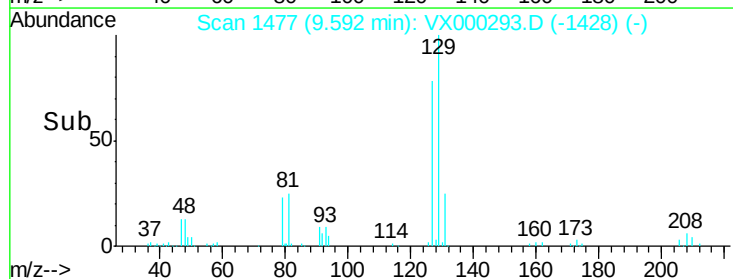
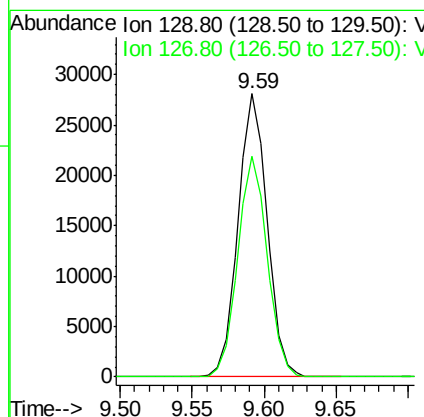
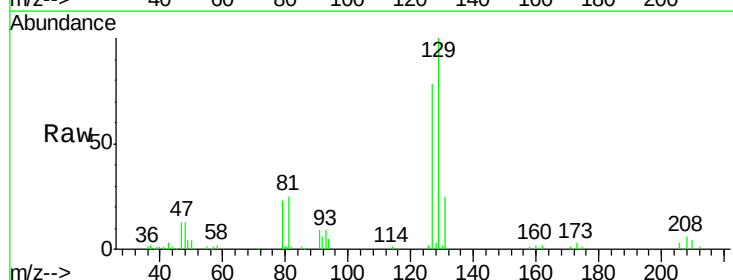
Manual Integrations
APPROVED

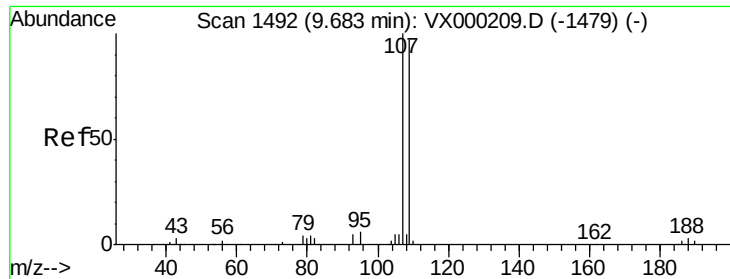
sam
3/14/2018 2:11:51 PM



#60
Dibromochloromethane
Concen: 20.57 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion: 129 Resp: 39674
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.90 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tot Ion:107 Resp: 42453

Ion Ratio Lower Upper

107 100

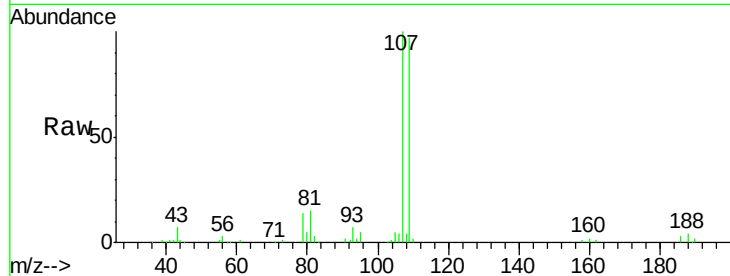
109 98.2 76.8 115.2

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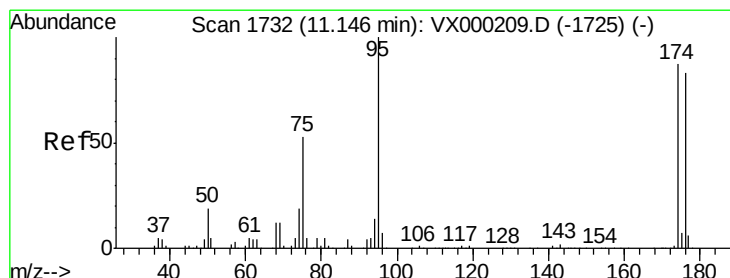
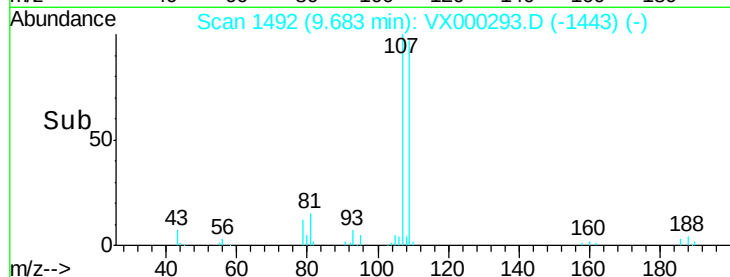
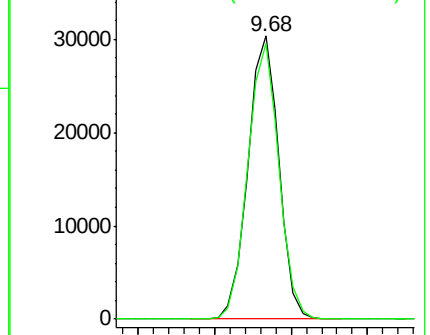
sam

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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: 47.44 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

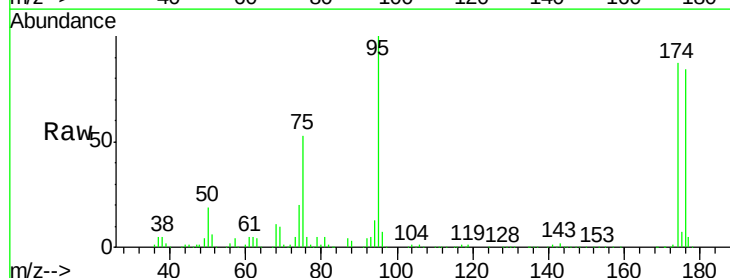
Tgt Ion: 95 Resp: 123684

Ion Ratio Lower Upper

95 100

174 86.7 0.0 175.6

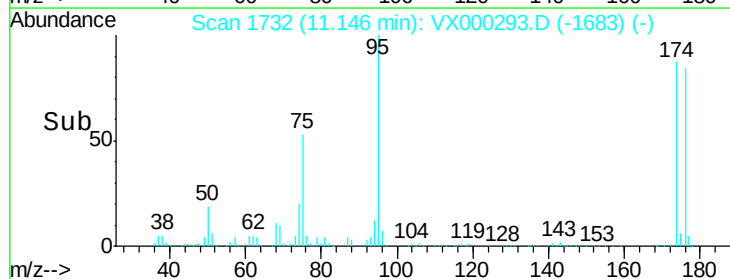
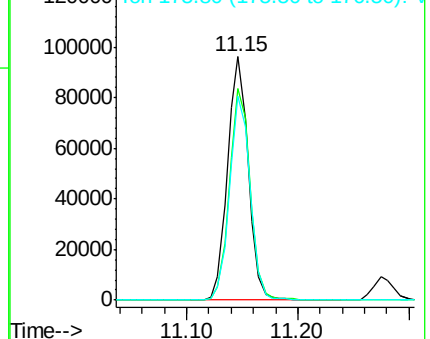
176 83.3 0.0 171.0

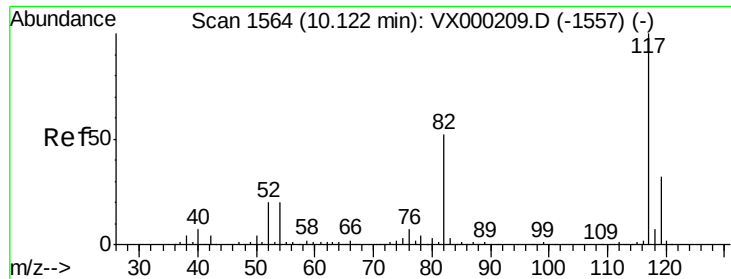


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





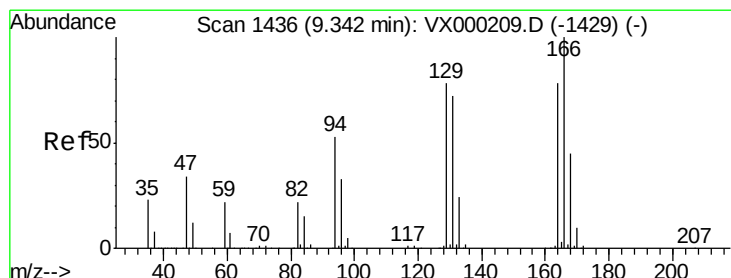
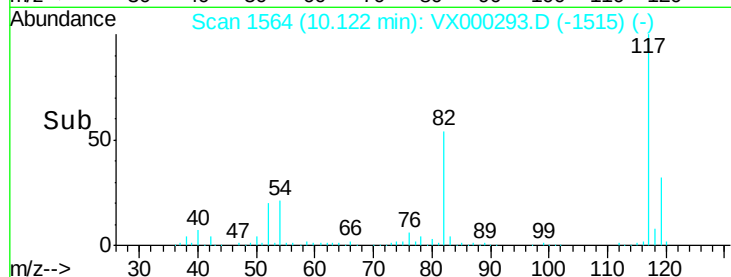
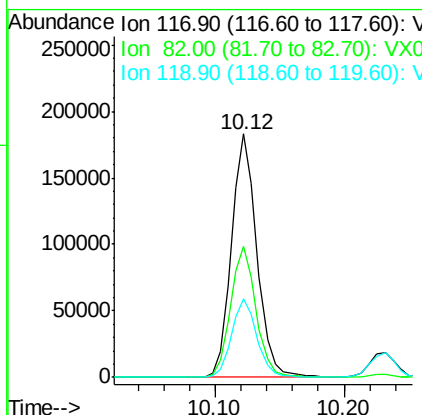
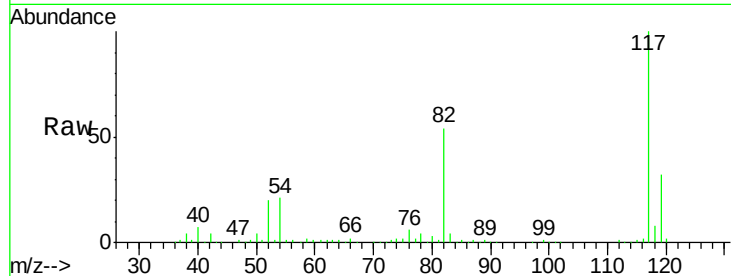
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.0	63.0
119	32.2	25.3	37.9

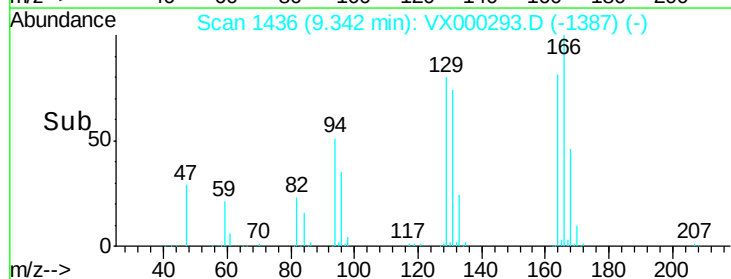
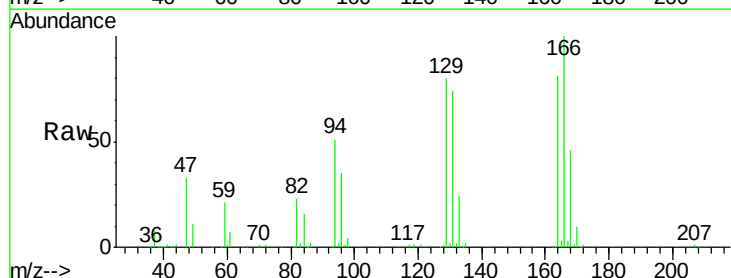
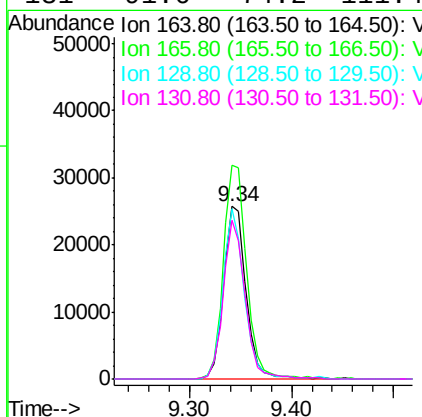
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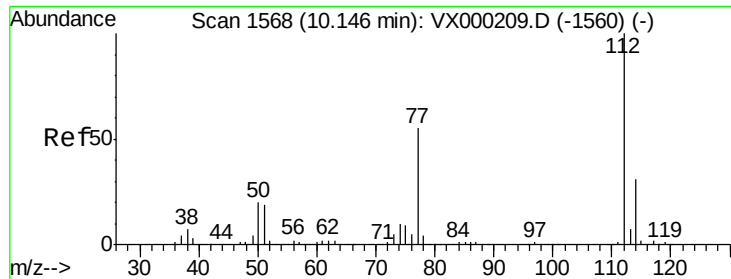
sam
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#64
Tetrachloroethene
Concen: 22.27 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.6	103.0	154.6
129	98.9	80.2	120.4
131	91.6	74.2	111.4





#65

Chlorobenzene

Concen: 21.89 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tot Ion:112 Resp: 112020

Ion Ratio Lower Upper

112 100

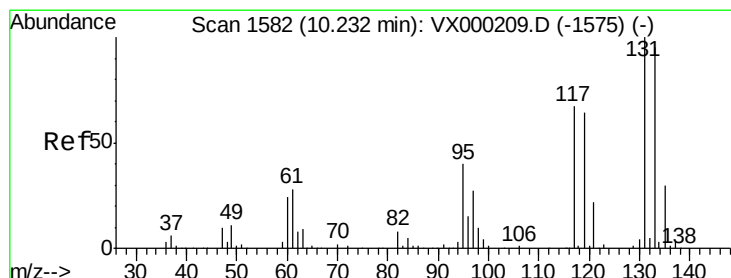
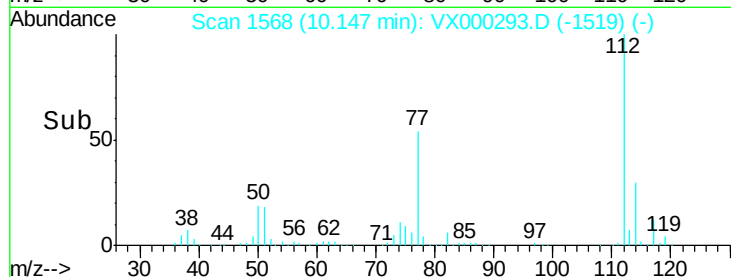
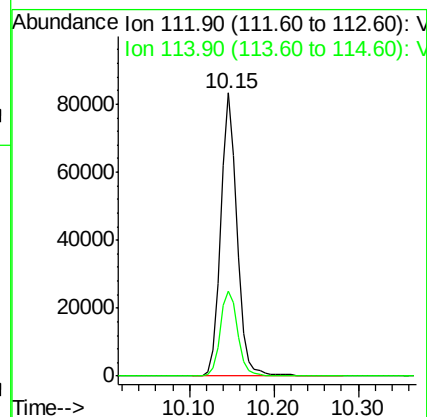
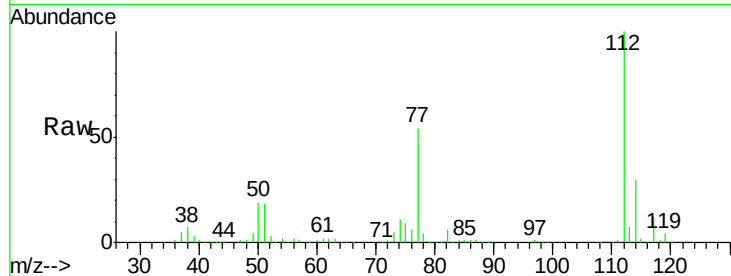
114 30.0 25.0 37.4

Manual Integrations

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sam

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#66

1,1,1,2-Tetrachloroethane

Concen: 21.97 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

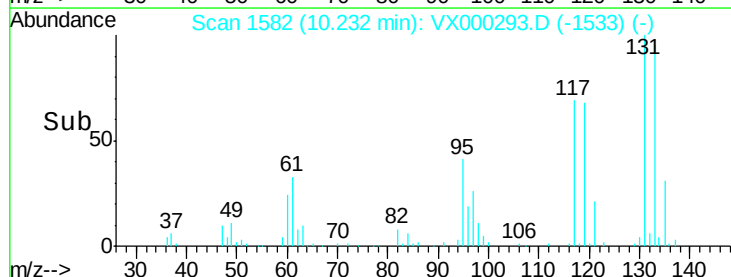
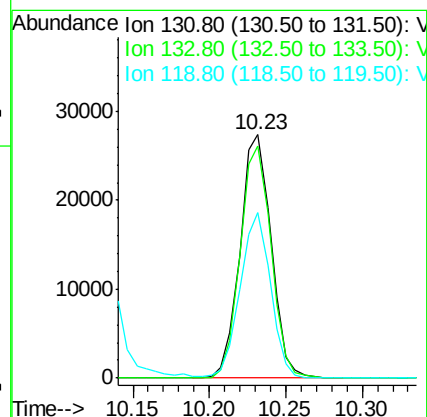
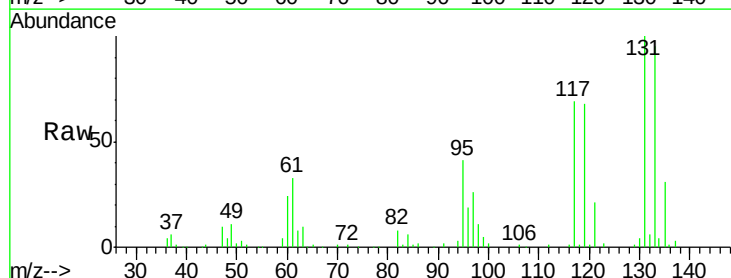
Tgt Ion:131 Resp: 38443

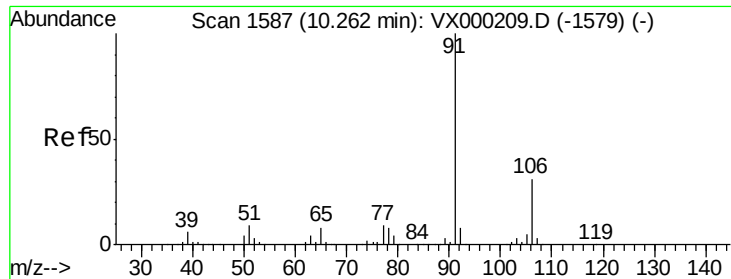
Ion Ratio Lower Upper

131 100

133 94.9 48.3 144.9

119 66.9 32.3 96.8





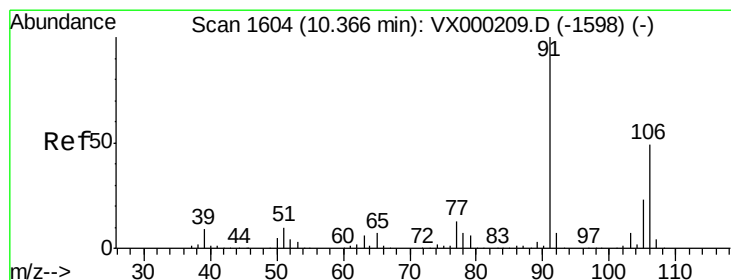
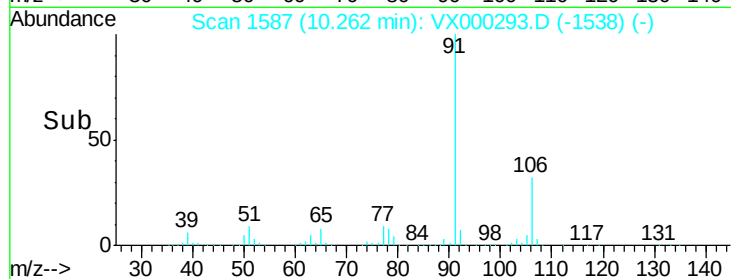
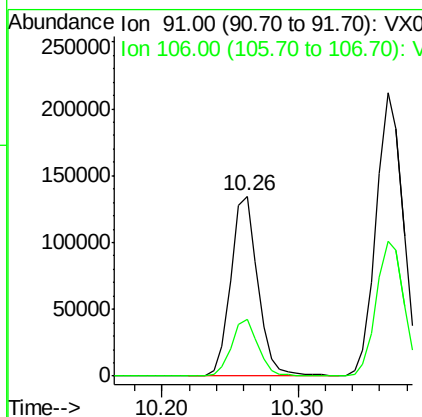
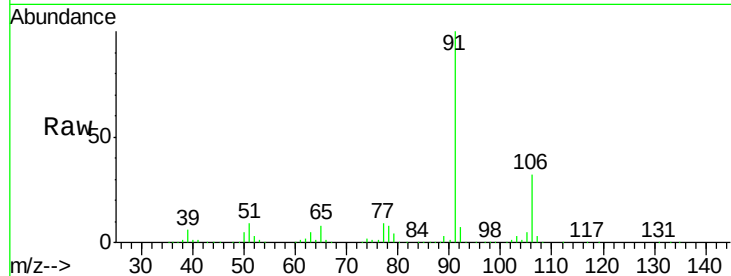
#67
Ethyl Benzene
Concen: 20.88 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion: 91 Resp: 186531
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8

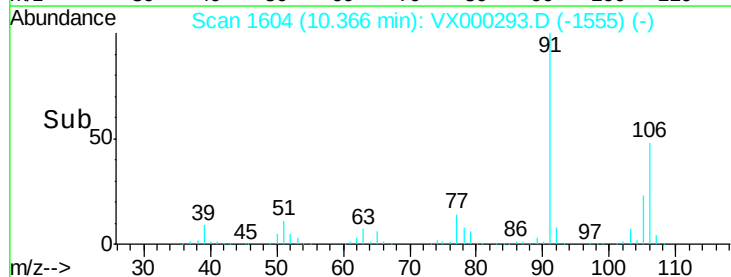
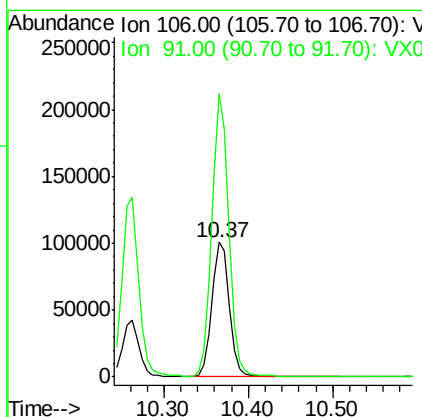
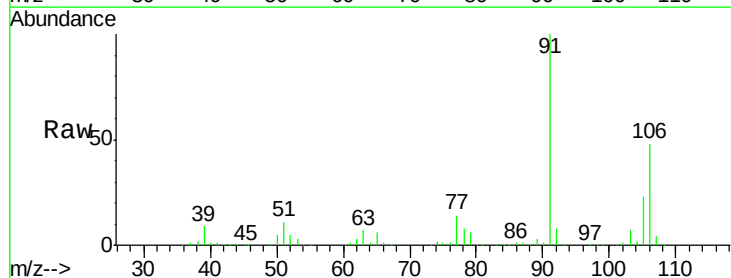
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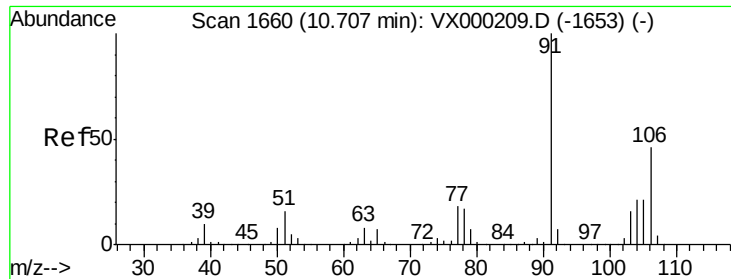
sam
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#68
m/p-Xylenes
Concen: 42.26 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion: 106 Resp: 145268
Ion Ratio Lower Upper
106 100
91 204.4 160.9 241.3





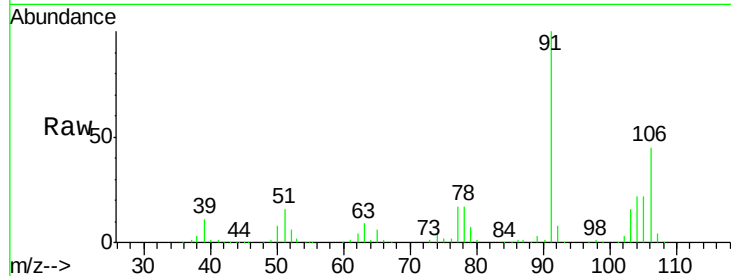
#69
o-Xylene
Concen: 21.32 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Instrument :
MSVOA_X
ClientSampled :
VX0313WBSD01

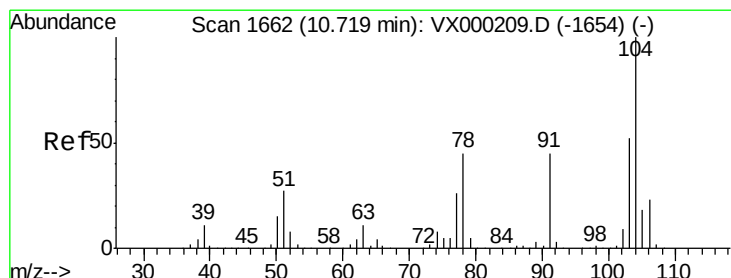
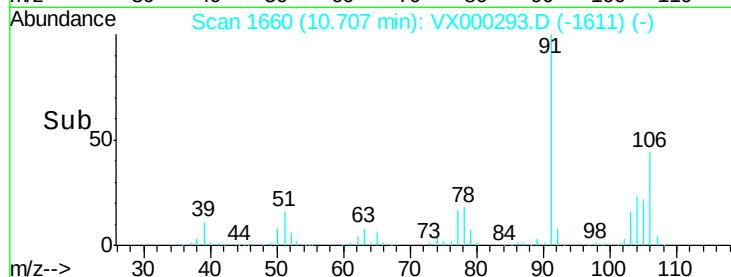
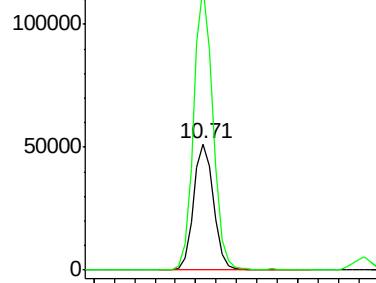
Tot Ion:106 Resp: 70439
Ion Ratio Lower Upper
106 100
91 214.4 105.9 317.7

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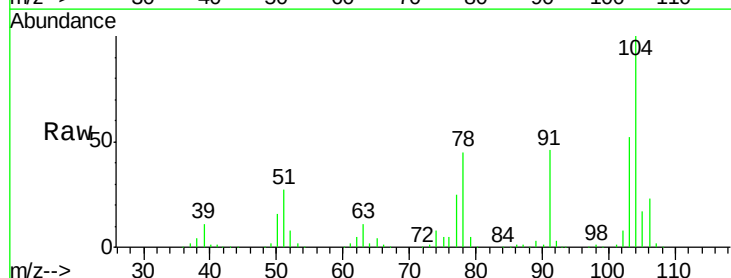


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

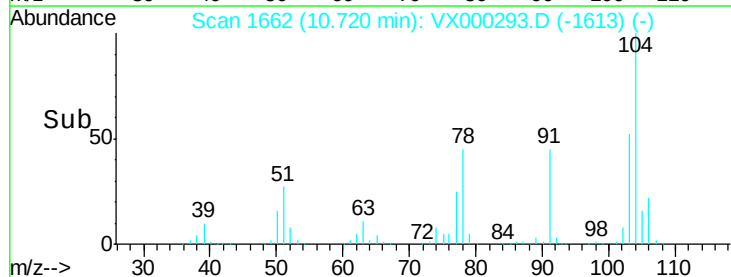
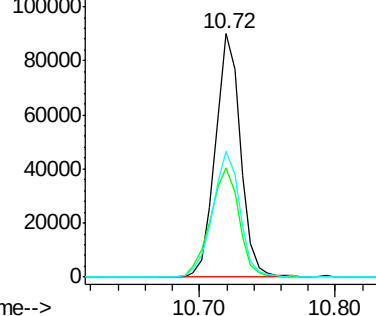


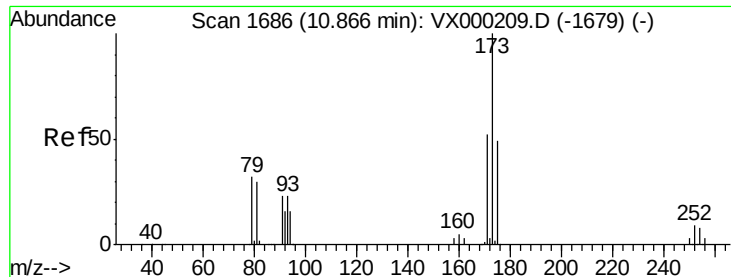
#70
Styrene
Concen: 21.28 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion:104 Resp: 116625
Ion Ratio Lower Upper
104 100
78 51.5 39.6 59.4
103 56.8 45.0 67.6



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: 19.02 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tot Ion:173 Resp: 30284

Ion Ratio Lower Upper

173 100

175 48.3 24.4 73.2

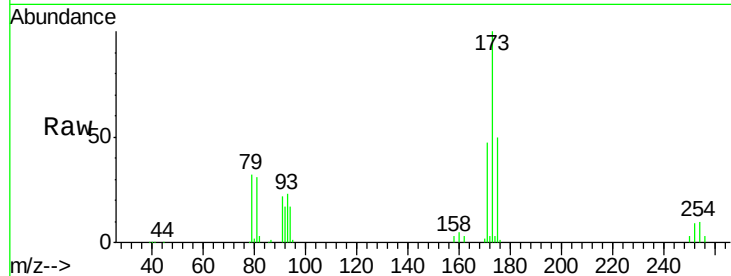
254 0.0 0.2 0.2#

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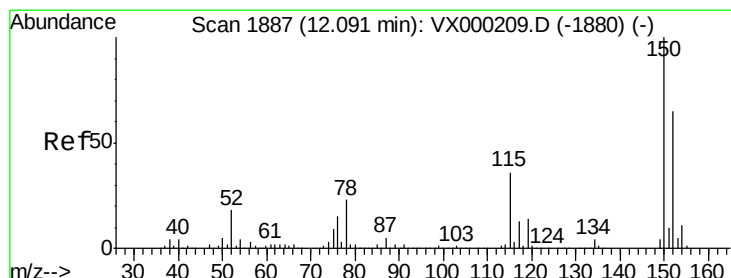
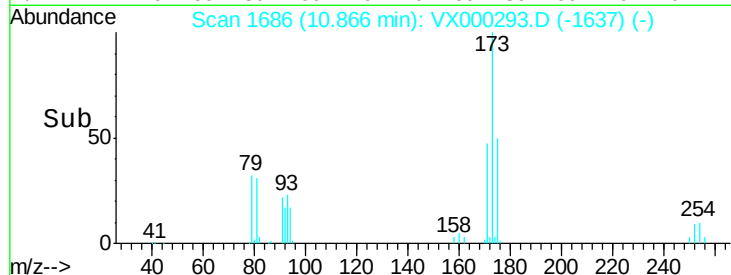
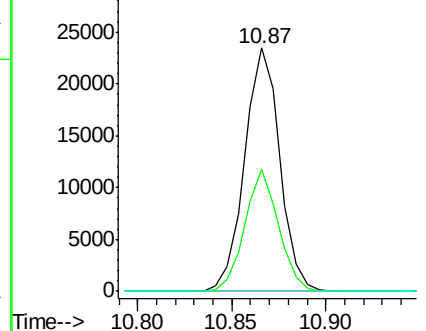
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

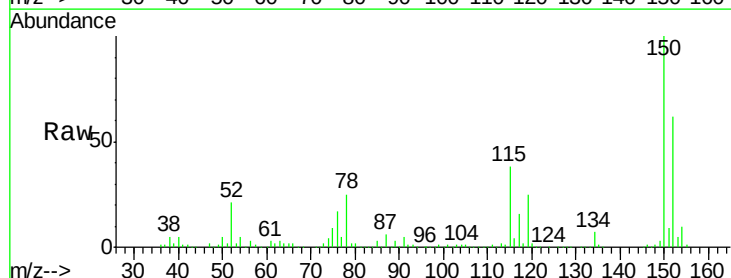
Tgt Ion:152 Resp: 146137

Ion Ratio Lower Upper

152 100

115 66.4 39.8 119.3

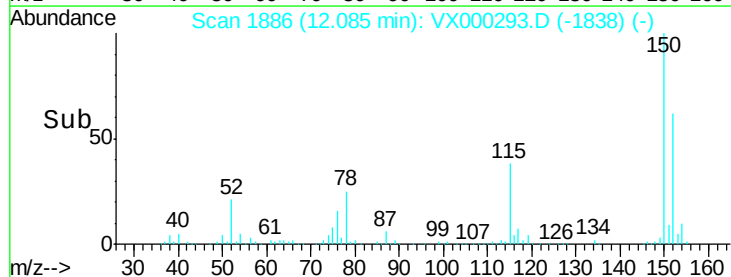
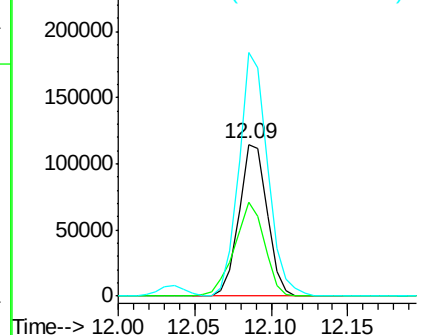
150 163.8 0.0 345.0

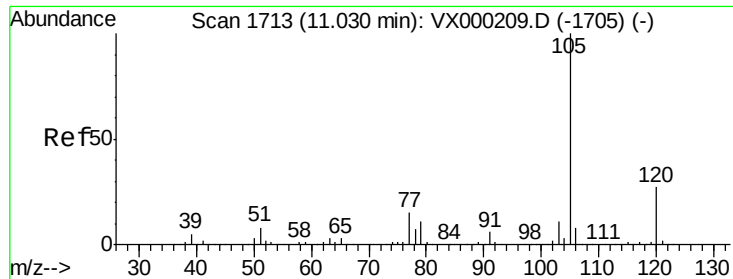


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.27 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tot Ion:105 Resp: 194634

Ion Ratio Lower Upper

105 100

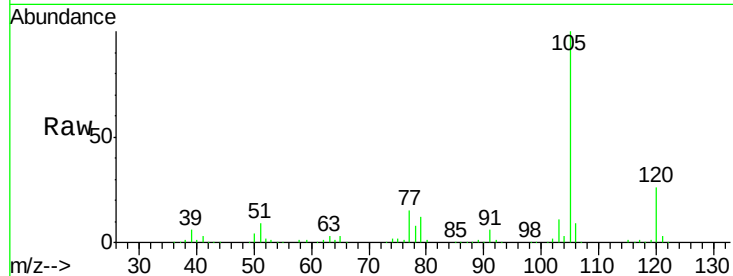
120 26.6 13.5 40.4

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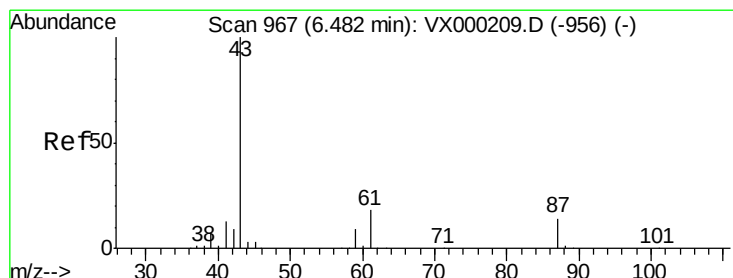
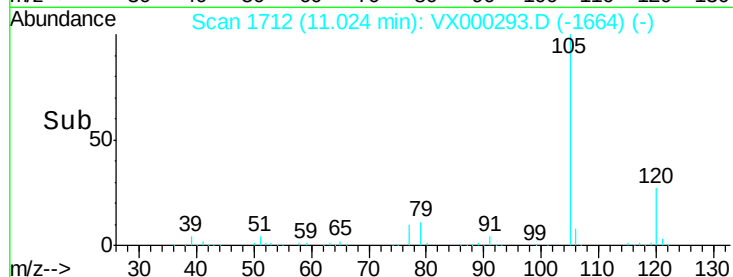
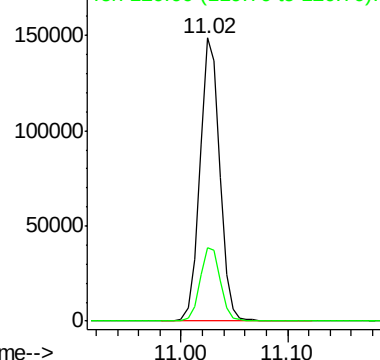
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.66 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Tgt Ion: 43 Resp: 96695

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

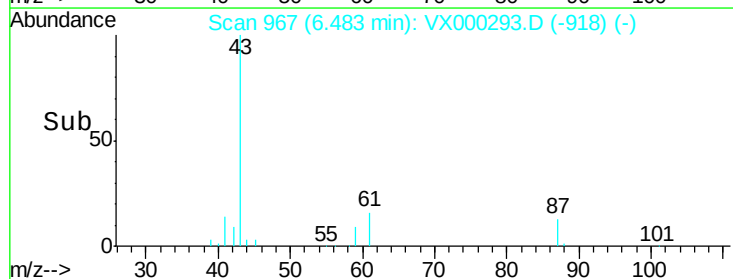
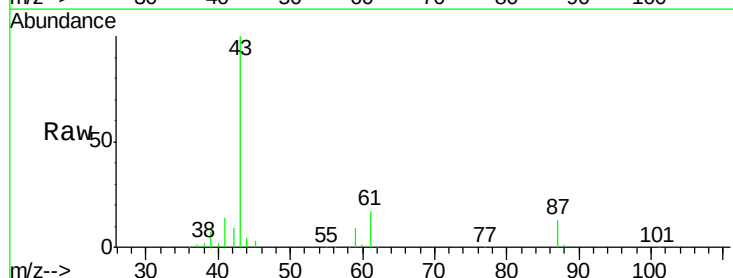
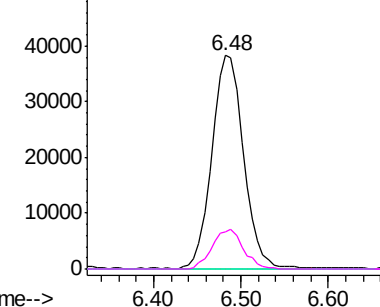
61 18.2 14.8 22.2

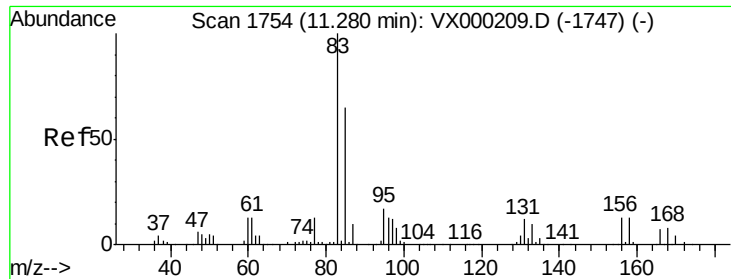
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.93 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

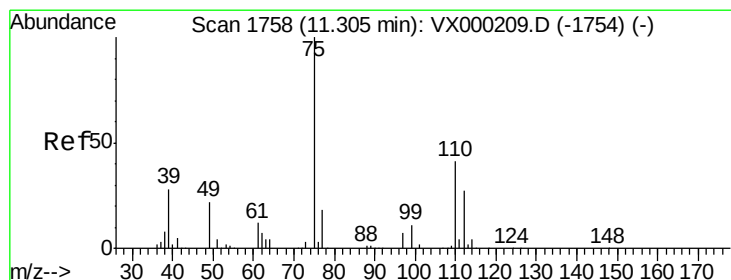
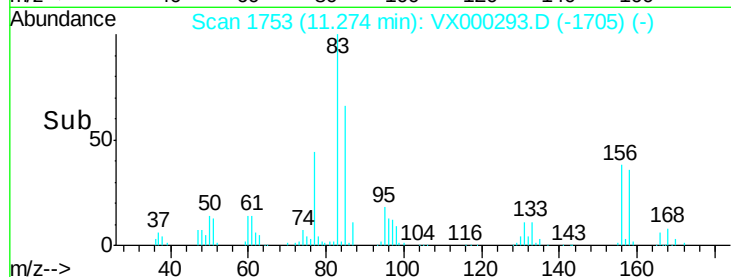
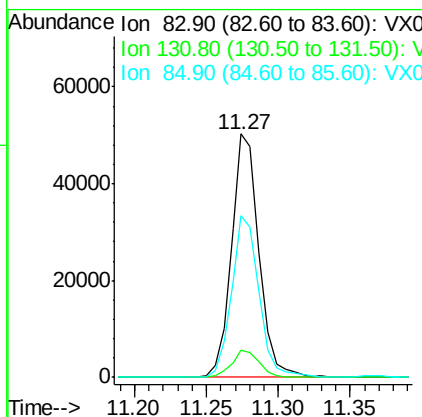
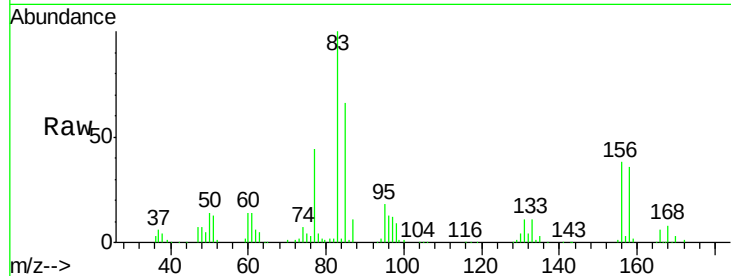
ClientSampled :

VX0313WBSD01

Tot Ion:	83	Resp:	67120
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.5
85	66.7	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.07 ug/l m

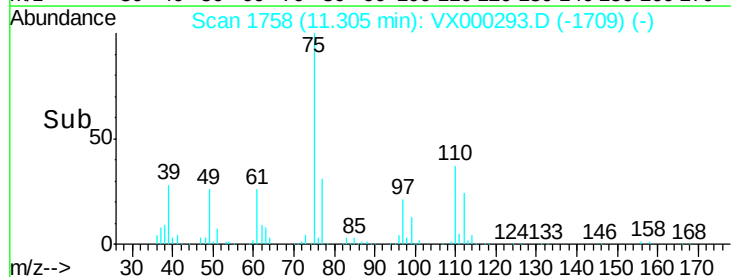
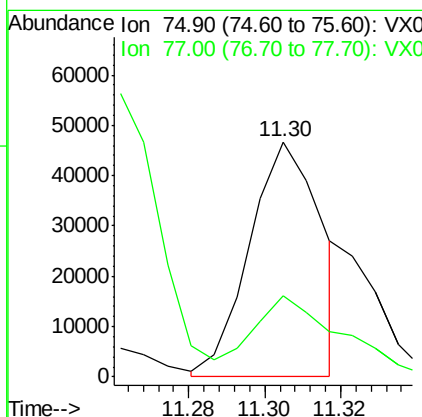
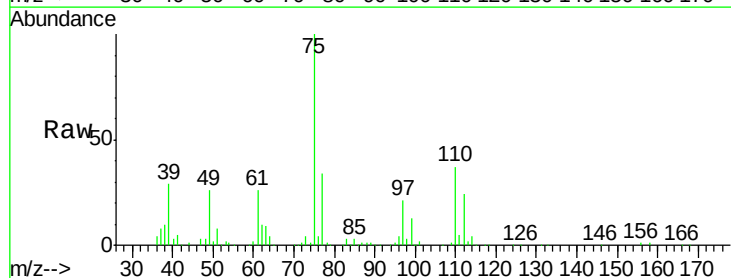
RT: 11.30 min Scan# 1758

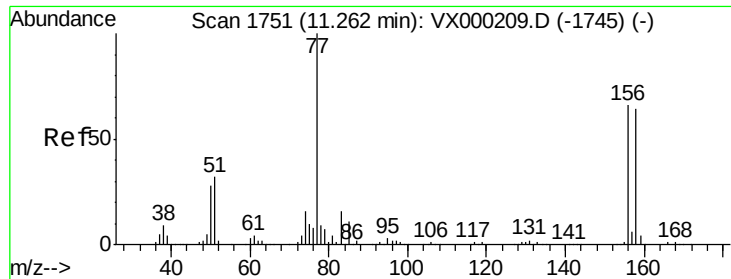
Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Tgt Ion:	75	Resp:	61730
Ion Ratio	Lower	Upper	
75	100		
77	42.5	22.3	66.8





#77

Bromobenzene

Concen: 21.12 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

Tot Ion:156 Resp: 49968

Ion Ratio Lower Upper

156 100

77 147.4 71.9 215.7

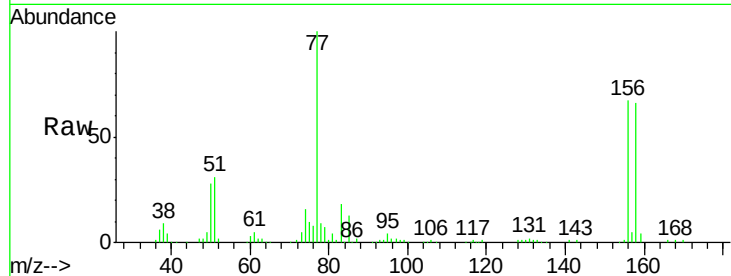
158 95.8 48.0 144.2

Manual Integrations

APPROVED

sam

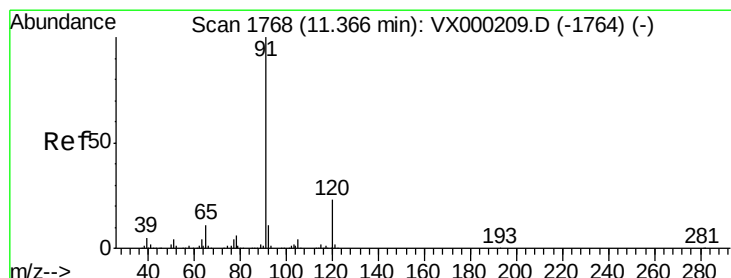
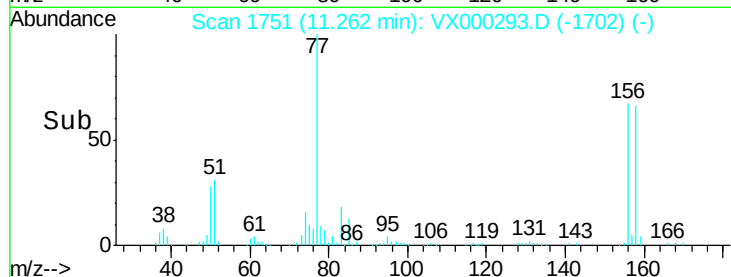
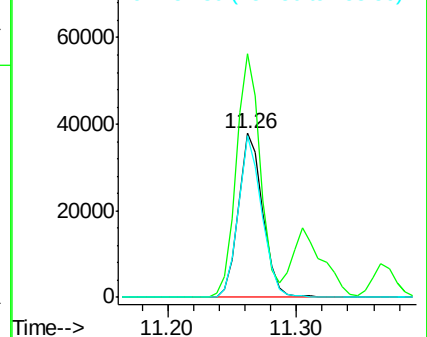
3/14/2018 2:11:51 PM



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: 20.85 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000293.D

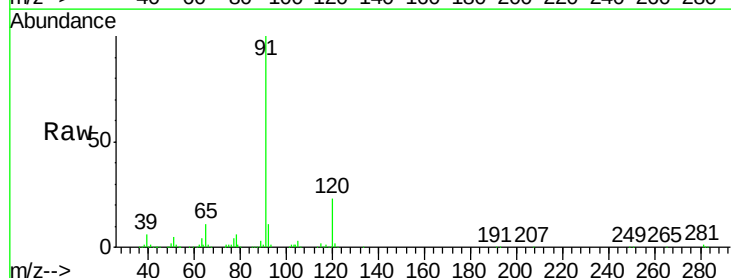
Acq: 13 Mar 2018 11:58

Tgt Ion: 91 Resp: 224488

Ion Ratio Lower Upper

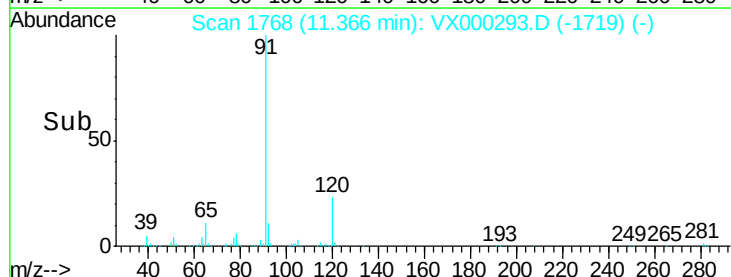
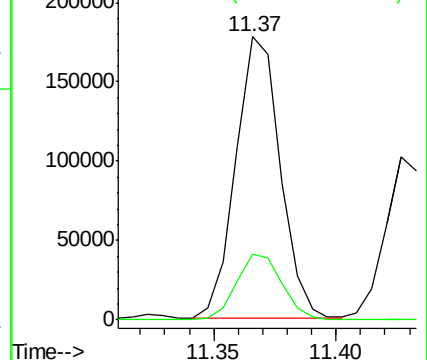
91 100

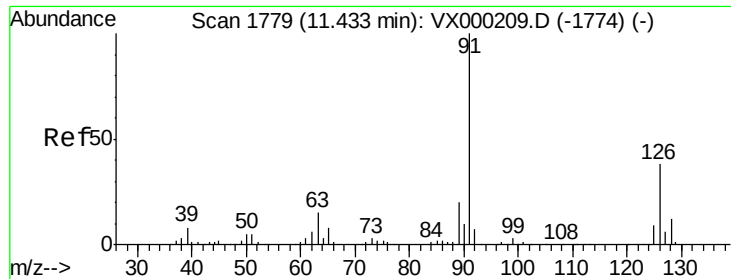
120 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





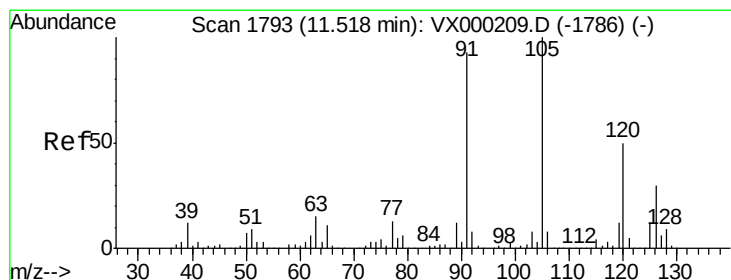
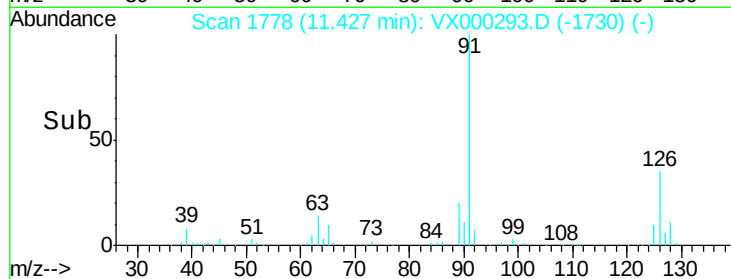
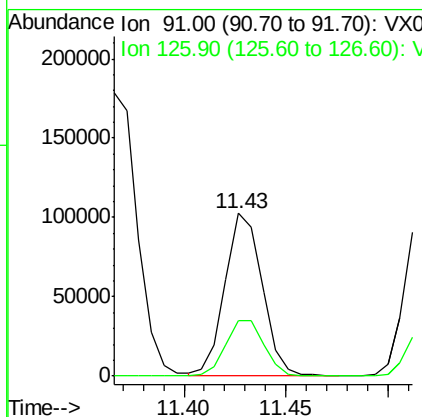
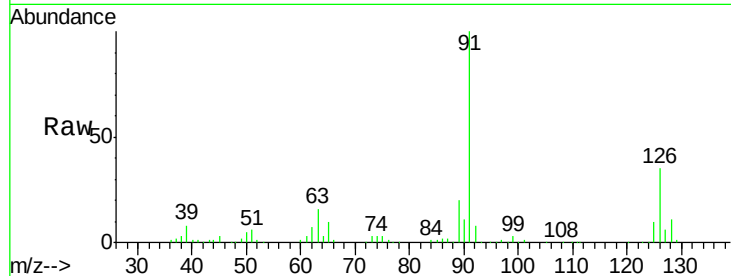
#79
 2-Chlorotoluene
 Concen: 21.21 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Tot Ion: 91 Resp: 128843
 Ion Ratio Lower Upper
 91 100
 126 36.3 18.4 55.2

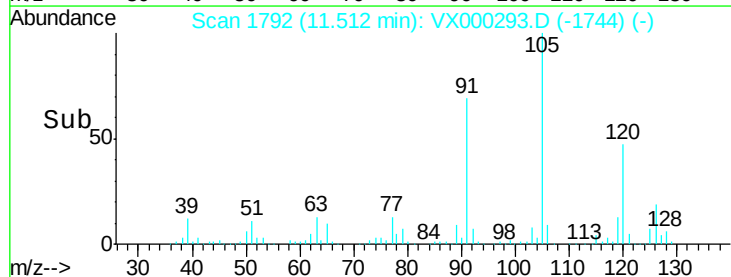
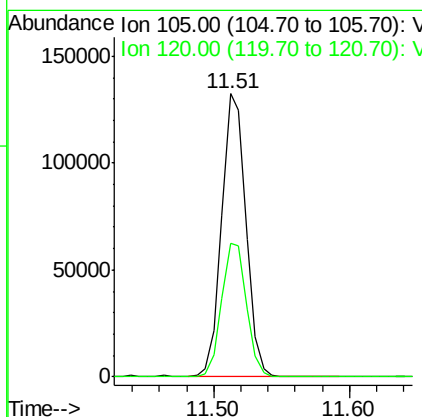
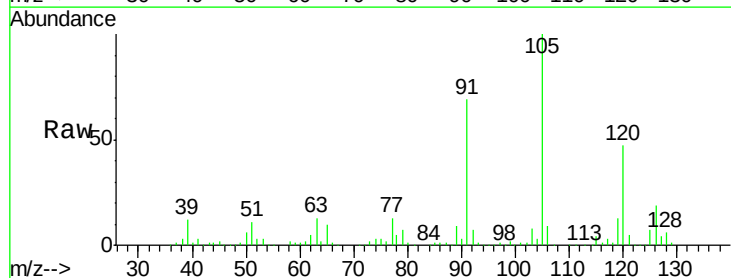
Manual Integrations
 APPROVED

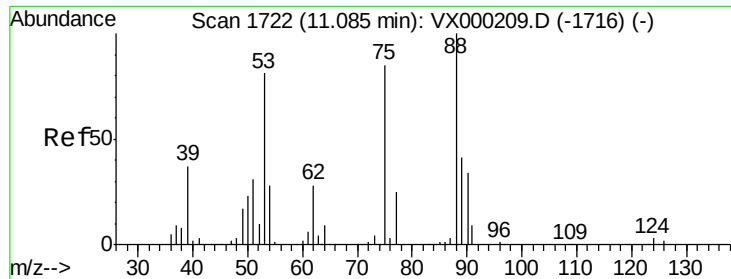
sam
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.49 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Tgt Ion: 105 Resp: 164152
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.9 74.6





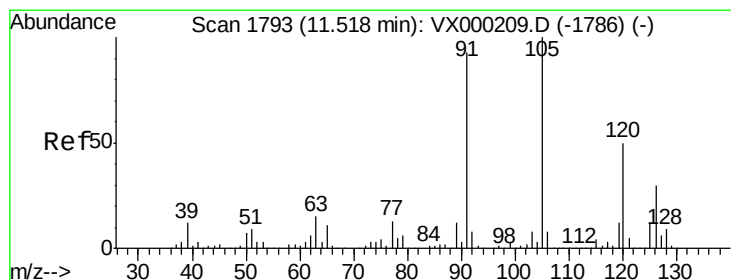
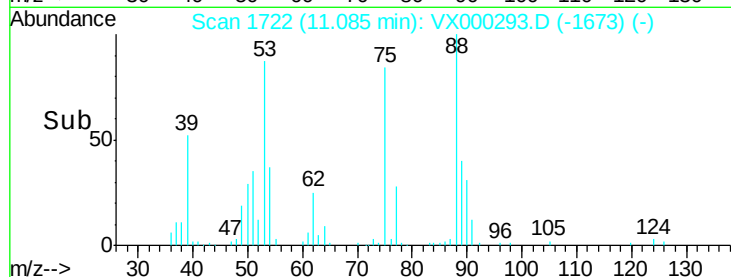
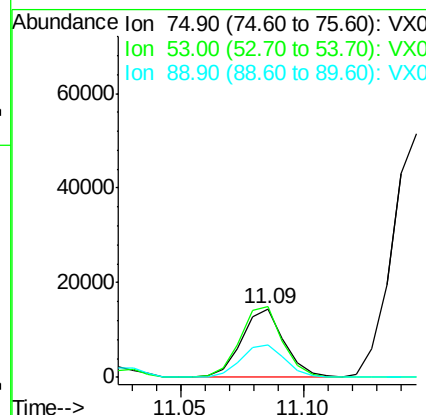
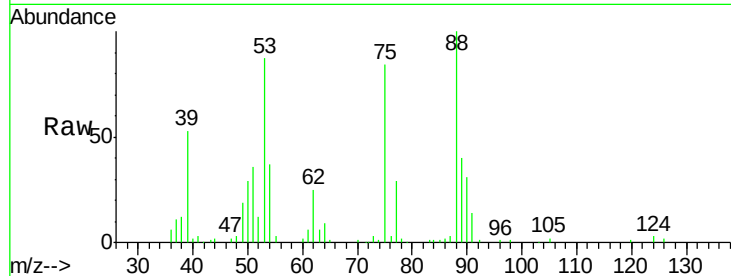
#81
trans-1,4-Dichloro-2-butene
Concen: 18.38 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Instrument :
MSVOA_X
ClientSampled :
VX0313WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.5	78.6	118.0
89	49.0	38.8	58.2

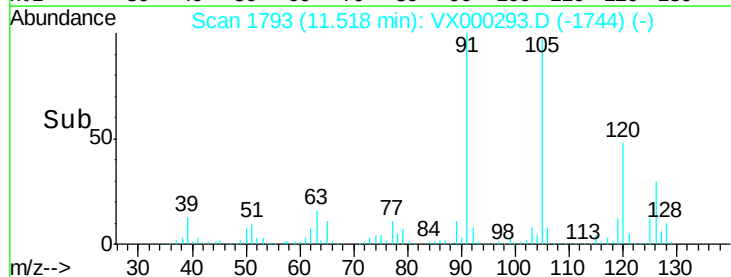
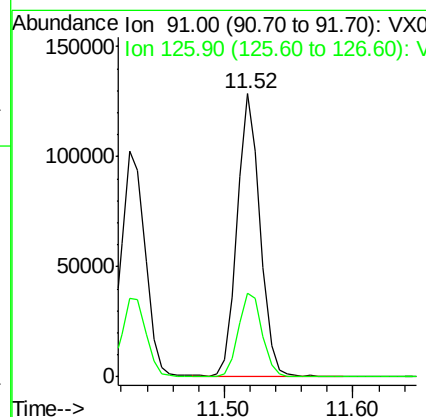
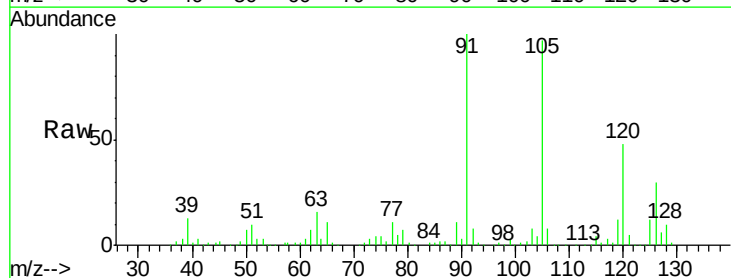
Manual Integrations
APPROVED

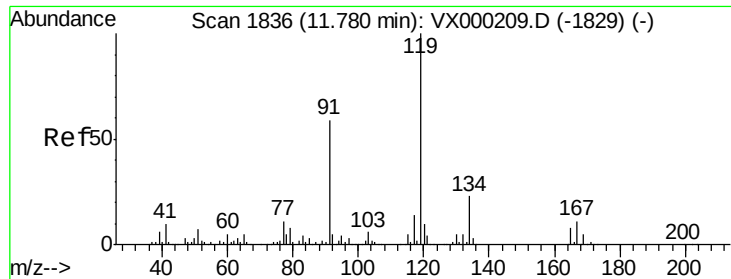
sam
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#82
4-Chlorotoluene
Concen: 21.76 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	16.0	48.0





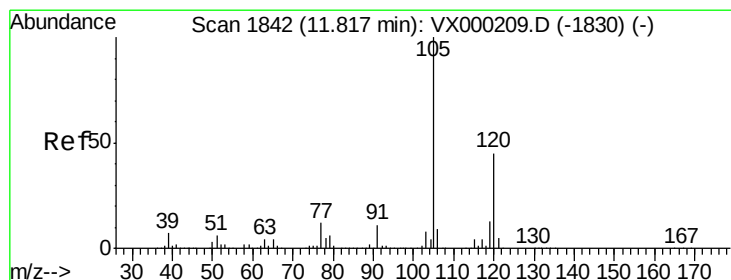
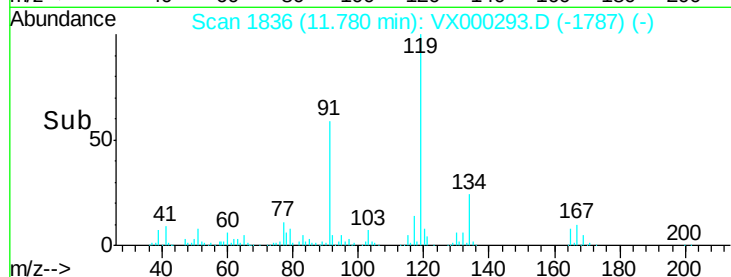
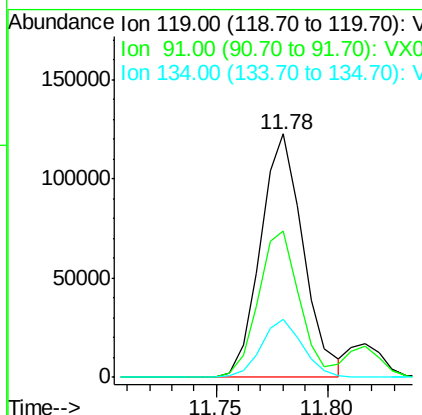
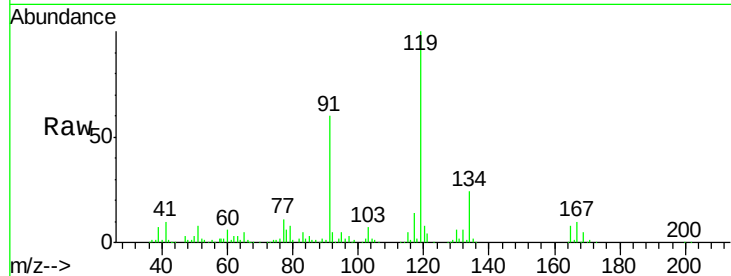
#83
 tert-Butylbenzene
 Concen: 22.04 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.3	28.9	86.7
134	23.1	11.5	34.4

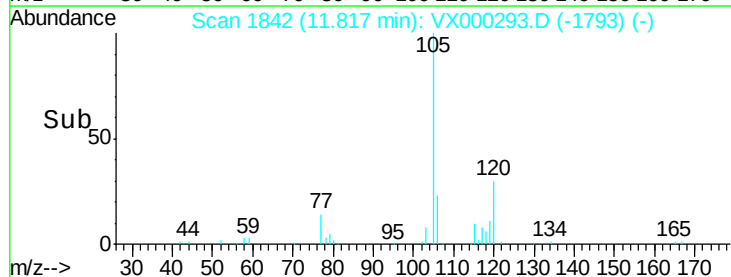
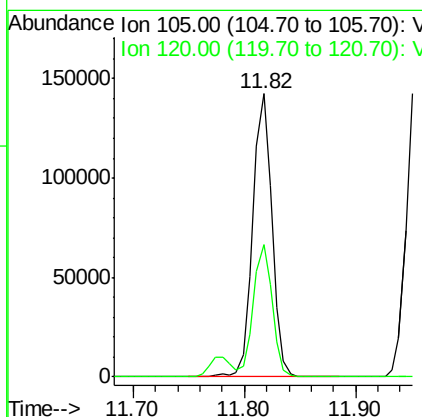
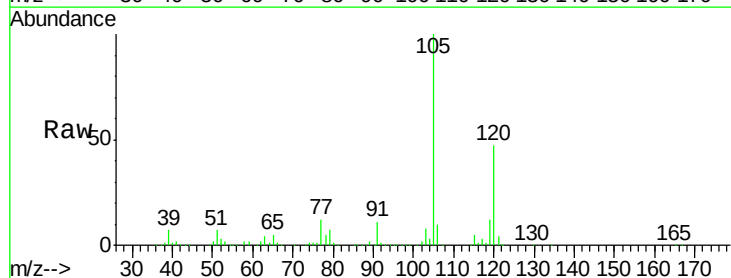
Manual Integrations
 APPROVED

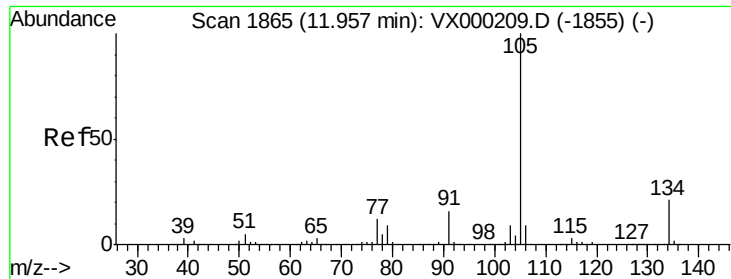
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.77 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.0	69.0





#85

sec-Butylbenzene

Concen: 21.48 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampled :

VX0313WBSD01

Tot Ion:105 Resp: 201944

Ion Ratio Lower Upper

105 100

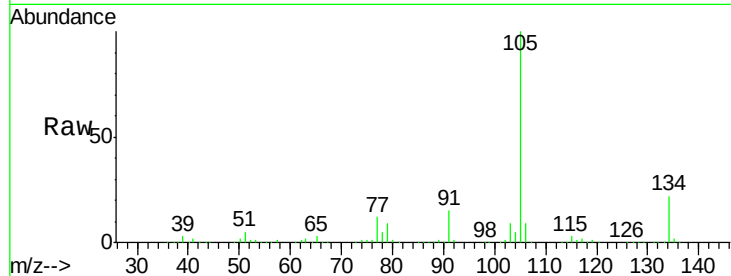
134 20.9 10.3 30.9

Manual Integrations

APPROVED

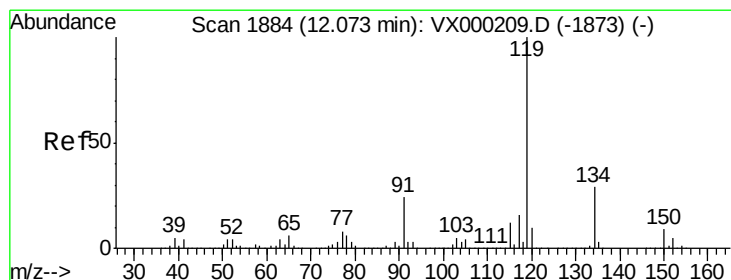
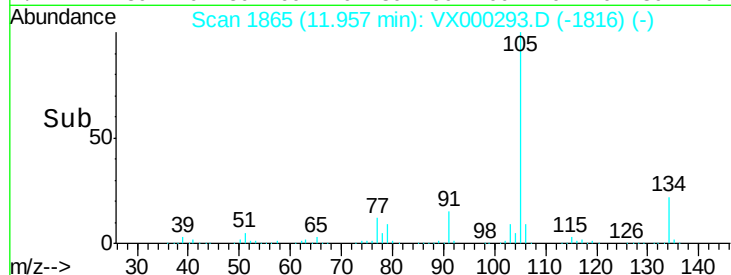
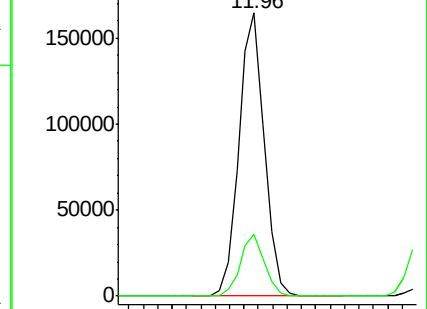
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.77 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

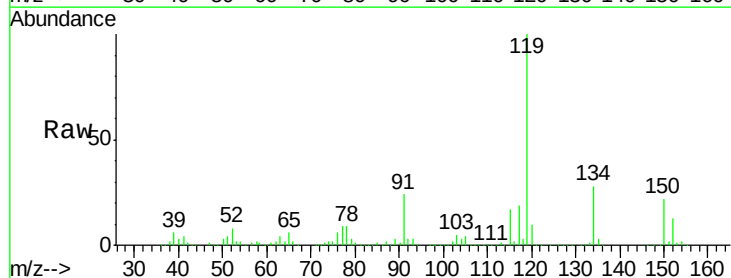
Tgt Ion:119 Resp: 180495

Ion Ratio Lower Upper

119 100

134 26.6 13.8 41.3

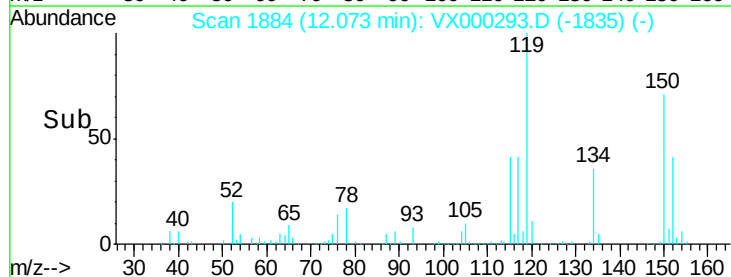
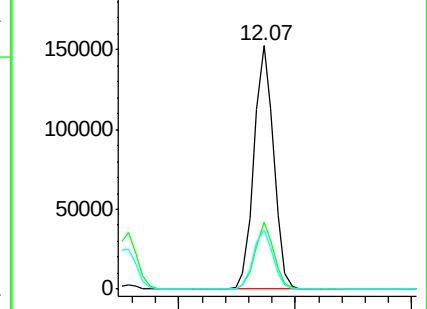
91 24.4 12.0 36.0

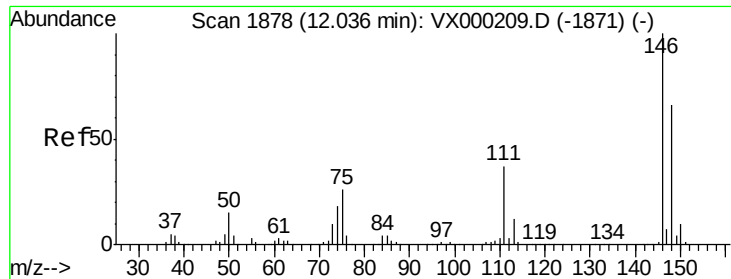


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





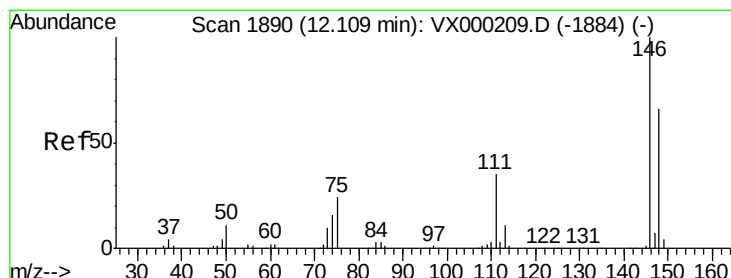
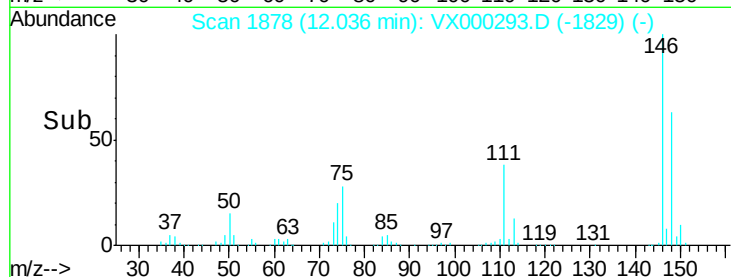
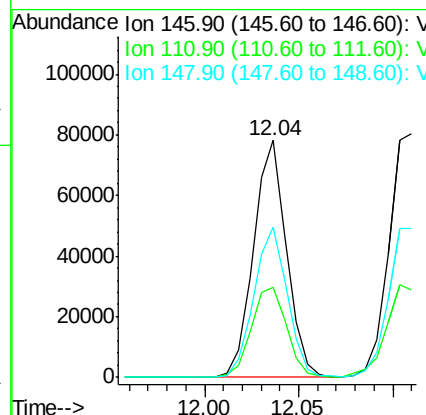
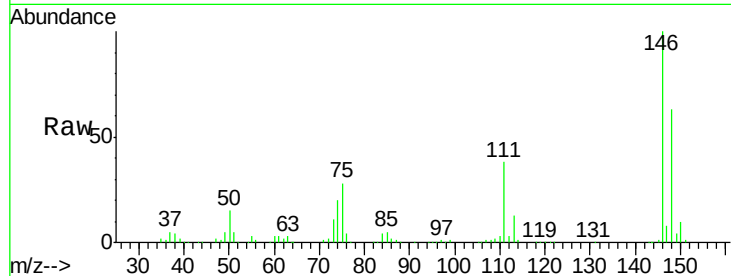
#87
 1,3-Dichlorobenzene
 Concen: 21.03 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.0	57.0
148	64.3	32.1	96.3

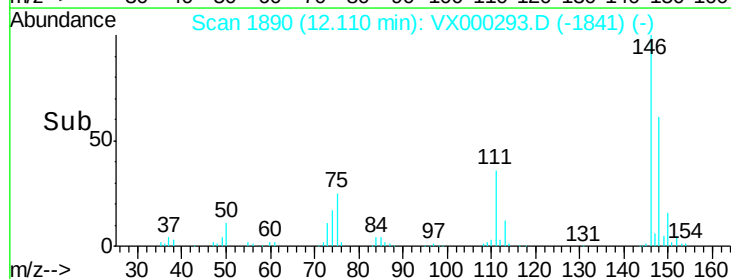
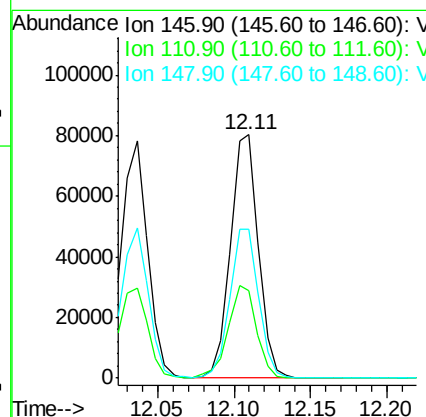
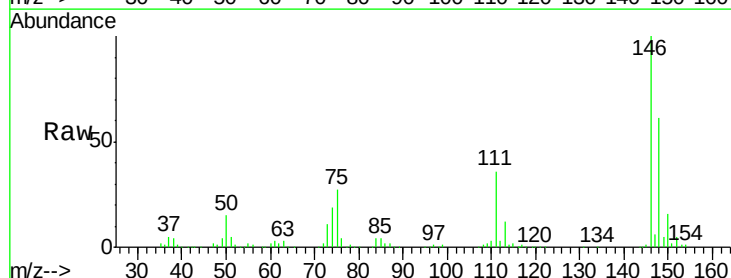
Manual Integrations
 APPROVED

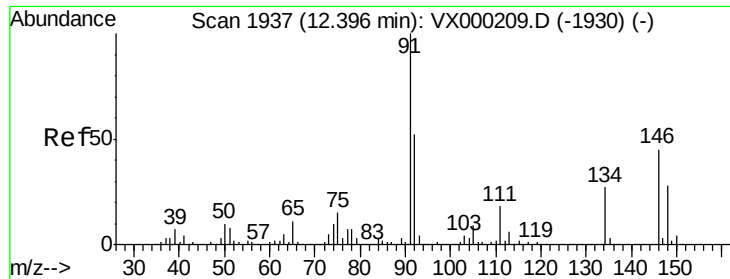
sam
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#88
 1,4-Dichlorobenzene
 Concen: 21.51 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.9
148	63.1	32.6	97.8





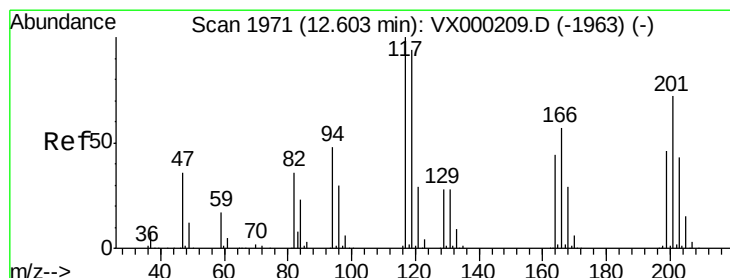
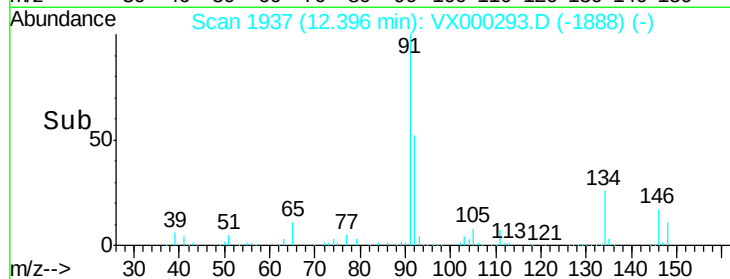
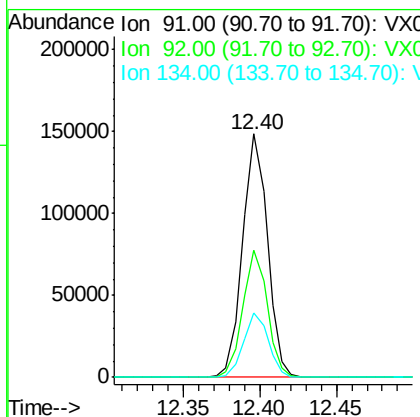
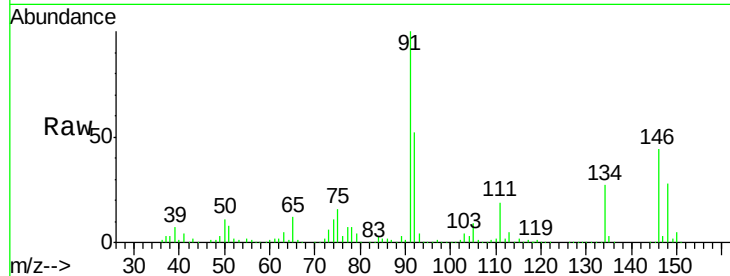
#89
n-Butylbenzene
Concen: 21.05 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	168065		
92	51.5	25.8	77.4	
134	26.4	13.5	40.5	

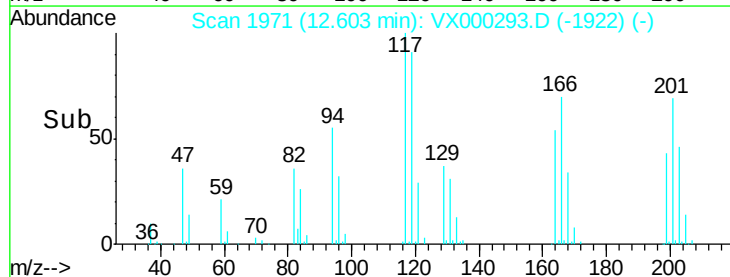
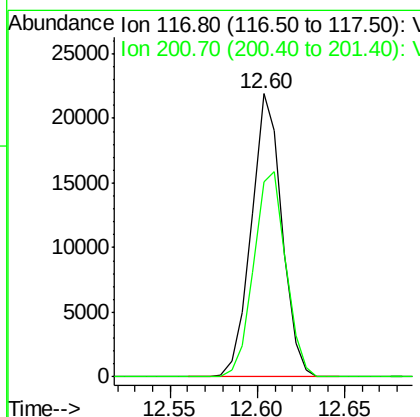
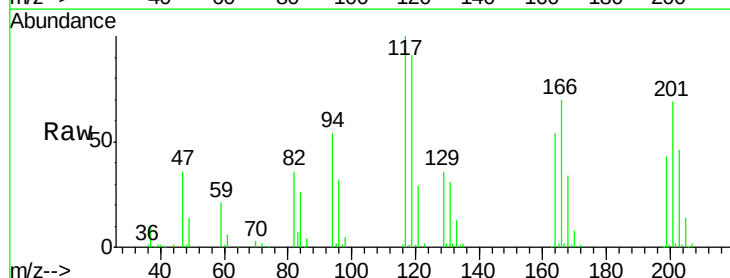
Manual Integrations
APPROVED

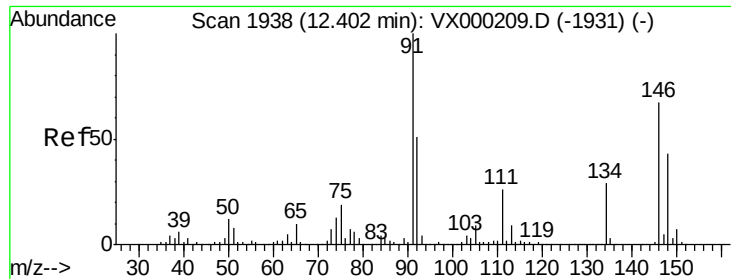
sam
3/14/2018 2:11:51 PM



#90
Hexachloroethane
Concen: 19.87 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	26538		
201	76.6	38.2	114.6	





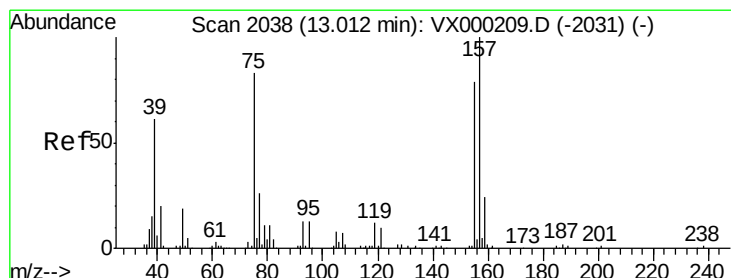
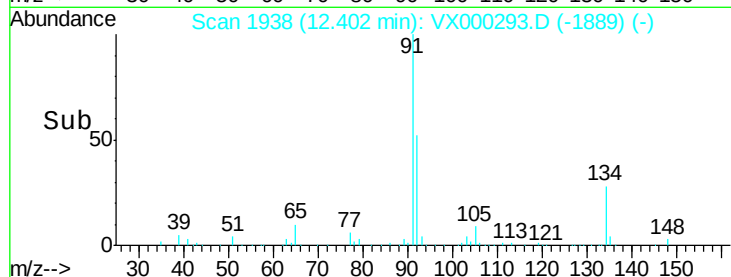
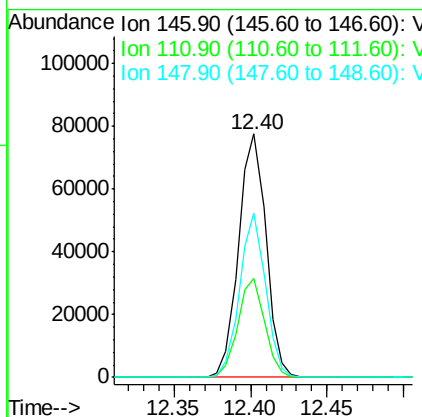
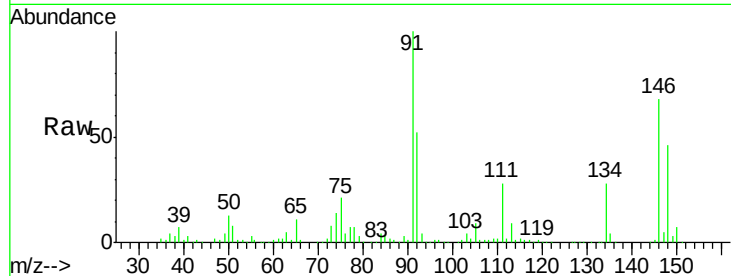
#91
 1,2-Dichlorobenzene
 Concen: 21.65 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Tot Ion:146 Resp: 96407
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.7 59.0
 148 63.9 32.0 96.0

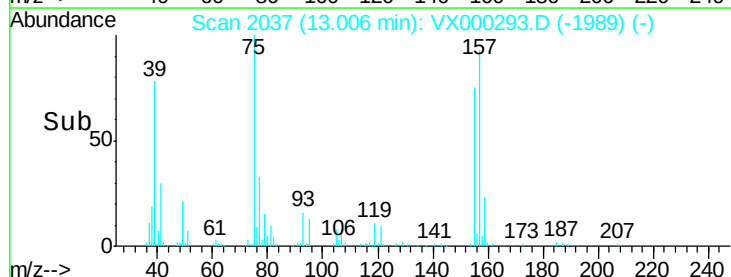
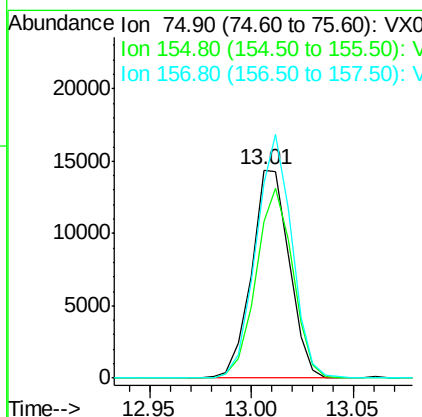
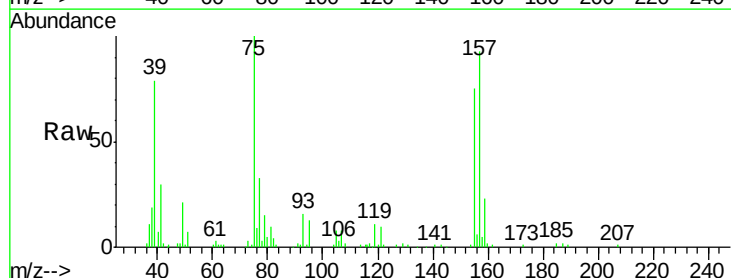
Manual Integrations
 APPROVED

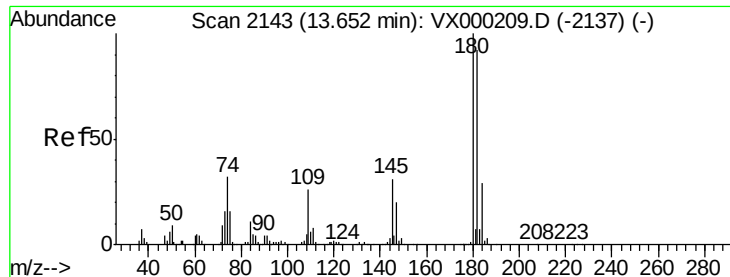
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.51 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Tgt Ion: 75 Resp: 18471
 Ion Ratio Lower Upper
 75 100
 155 88.9 45.5 136.5
 157 111.1 58.6 175.8





#93

1,2,4-Trichlorobenzene

Concen: 21.43 ug/l

RT: 13.66 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

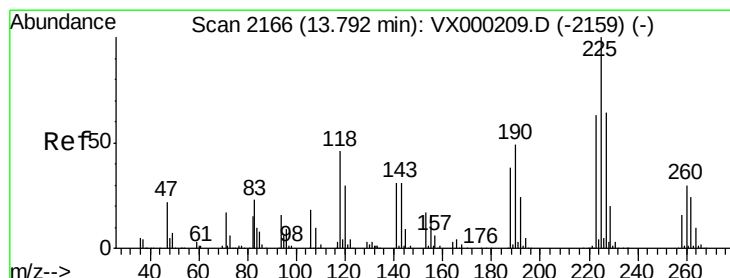
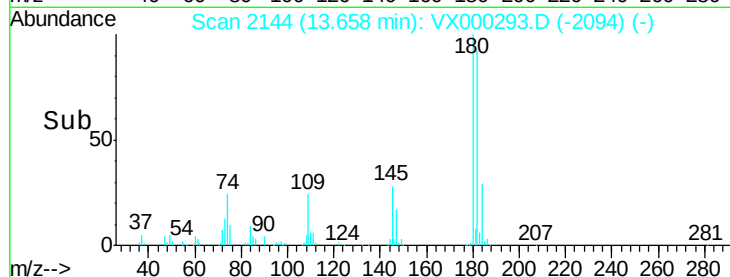
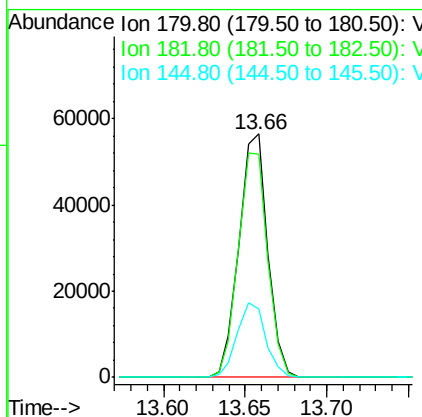
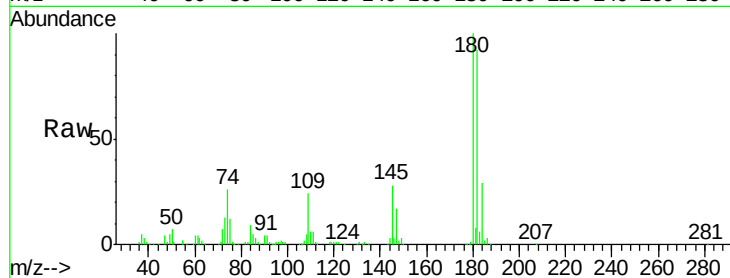
ClientSampleId :

VX0313WBSD01

Tot Ion:	180	Resp:	69427
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.0	141.0
145	30.6	15.3	45.9

Manual Integrations
APPROVED

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#94

Hexachlorobutadiene

Concen: 19.98 ug/l

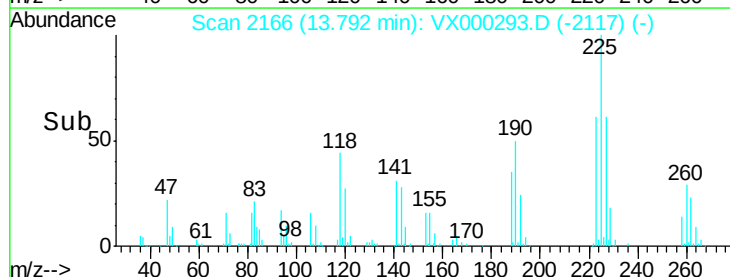
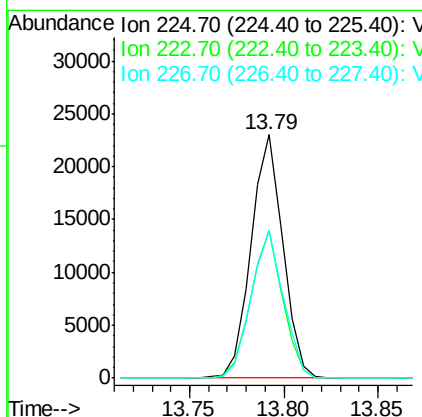
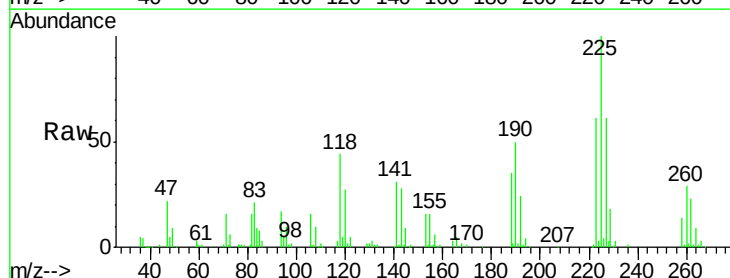
RT: 13.79 min Scan# 2166

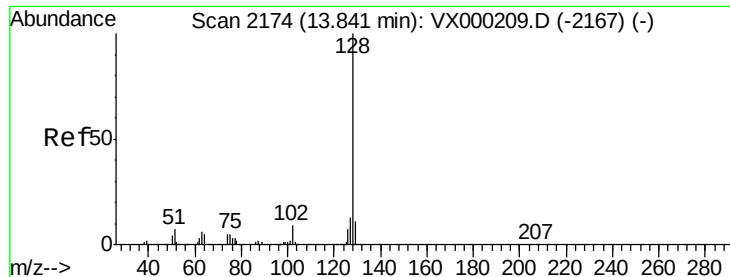
Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Tgt Ion:	225	Resp:	26931
Ion Ratio	Lower	Upper	
225	100		
223	60.7	31.8	95.3
227	61.9	31.9	95.5





#95

Naphthalene

Concen: 21.57 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

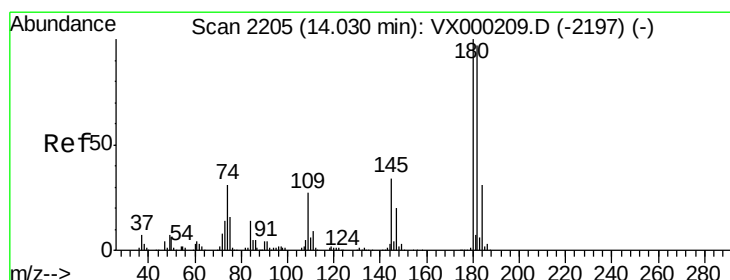
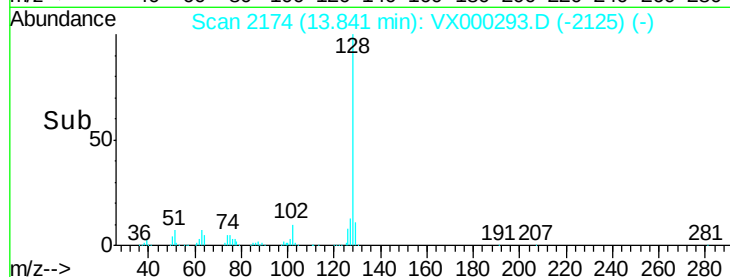
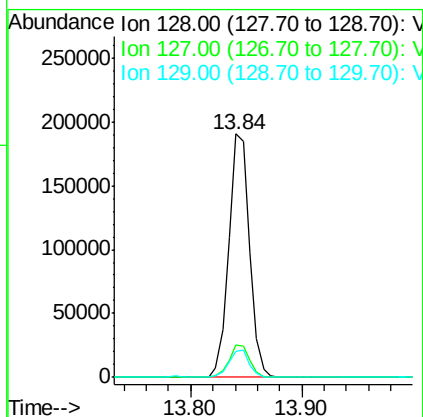
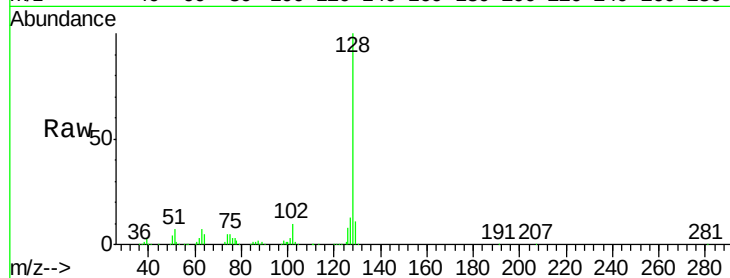
ClientSampleId :

VX0313WBSD01

Tot Ion:	128	Resp:	243860
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	11.0	8.6	13.0

Manual Integrations
APPROVED

sam
3/14/2018 2:11:51 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.47 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Tgt Ion:	180	Resp:	68813
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.0	144.0
145	31.9	16.3	48.8

