

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000276.D
 Acq On : 12 Mar 2018 13:48
 Operator : JC/MD
 Sample : VX0312WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBSD01

Manual Integrations
 APPROVED

apatel
 3/13/2018 10:58:41 AM

Quant Time: Mar 13 04:58:15 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	123655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	207910	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	208878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	121148	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	77431	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	
35) Dibromofluoromethane	5.52	113	61147	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
50) Toluene-d8	8.73	98	245178	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	
62) 4-Bromofluorobenzene	11.15	95	94109	44.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	23485	17.43	ug/l	98
3) Chloromethane	1.32	50	25093	19.08	ug/l	98
4) Vinyl Chloride	1.41	62	29145	19.01	ug/l	100
5) Bromomethane	1.64	94	26439	15.85	ug/l	97
6) Chloroethane	1.73	64	19817	20.45	ug/l	97
7) Trichlorofluoromethane	1.93	101	50699	19.93	ug/l	100
8) Diethyl Ether	2.20	74	18003	19.29	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27193	19.14	ug/l	99
10) Methyl Iodide	2.52	142	23600	17.98	ug/l	99
11) Tert butyl alcohol	3.08	59	53563	85.04	ug/l	99
12) 1,1-Dichloroethene	2.38	96	25323	19.42	ug/l	95
13) Acrolein	2.30	56	36415	109.97	ug/l	100
14) Allyl chloride	2.73	41	44235	18.36	ug/l	97
15) Acrylonitrile	3.16	53	105352	96.11	ug/l	100
16) Acetone	2.45	43	113575	92.26	ug/l	99
17) Carbon Disulfide	2.57	76	62747	17.56	ug/l	97
18) Methyl Acetate	2.79	43	50071	19.10	ug/l	97
19) Methyl tert-butyl Ether	3.22	73	91653	19.73	ug/l	97
20) Methylene Chloride	2.87	84	27979	19.06	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	27387	19.09	ug/l	98
22) Diisopropyl ether	3.89	45	68937	16.66	ug/l	97
23) Vinyl Acetate	3.84	43	321424	80.61	ug/l	99
24) 1,1-Dichloroethane	3.70	63	44024	17.36	ug/l	98
25) 2-Butanone	4.72	43	131900	86.82	ug/l	99
26) 2,2-Dichloropropane	4.60	77	34778	18.76	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	25087	18.45	ug/l	100
28) Bromochloromethane	5.04	49	22242	20.63	ug/l #	98
29) Tetrahydrofuran	5.18	42	82030	85.97	ug/l	99
30) Chloroform	5.23	83	45093	18.39	ug/l	97
31) Cyclohexane	5.59	56	33963	18.11	ug/l #	92
32) 1,1,1-Trichloroethane	5.51	97	38728	18.22	ug/l	99
36) 1,1-Dichloropropene	5.81	75	32620	17.63	ug/l	99
37) Ethyl Acetate	4.88	43	46530	17.40	ug/l	98
38) Carbon Tetrachloride	5.79	117	32650	17.44	ug/l	93

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	38668	17.03	ug/l	99
40) Benzene	6.15	78	95183	17.84	ug/l	95
41) Methacrylonitrile	5.07	41	22716	16.67	ug/l	99
42) 1,2-Dichloroethane	6.21	62	38696	18.49	ug/l	100
43) Isopropyl Acetate	6.48	43	66004	17.08	ug/l	100
44) Trichloroethene	7.23	130	26779	17.54	ug/l	97
45) 1,2-Dichloropropane	7.52	63	24505	18.13	ug/l	94
46) Dibromomethane	7.68	93	18797	17.58	ug/l	96
47) Bromodichloromethane	7.91	83	34412	18.30	ug/l	99
48) Methyl methacrylate	7.79	41	32649	17.15	ug/l	97
49) 1,4-Dioxane	7.77	88	14807	342.59	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	252691	86.61	ug/l	99
52) Toluene	8.79	92	65706	17.97	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	39402	17.78	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	37996	17.72	ug/l	93
55) 1,1,2-Trichloroethane	9.23	97	27820	18.78	ug/l	97
56) Ethyl methacrylate	9.20	69	39562	17.85	ug/l	95
57) 1,3-Dichloropropane	9.38	76	44197	17.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	114515	102.33	ug/l	99
59) 2-Hexanone	9.51	43	213697	85.90	ug/l	99
60) Dibromochloromethane	9.59	129	26124	16.73	ug/l	99
61) 1,2-Dibromoethane	9.68	107	29649	18.03	ug/l	99
64) Tetrachloroethene	9.34	164	26529	18.15	ug/l	97
65) Chlorobenzene	10.15	112	77874	18.46	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	25672	17.80	ug/l	99
67) Ethyl Benzene	10.26	91	131998	17.93	ug/l	98
68) m/p-Xylenes	10.37	106	103853	36.65	ug/l	100
69) o-Xylene	10.71	106	49393	18.14	ug/l	97
70) Styrene	10.72	104	82114	18.18	ug/l	99
71) Bromoform	10.87	173	19997	15.86	ug/l #	98
73) Isopropylbenzene	11.02	105	134589	17.74	ug/l	100
74) N-amyl acetate	6.48	43	66004	17.01	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	48496	18.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	42737m	17.60	ug/l	
77) Bromobenzene	11.26	156	34160	17.42	ug/l	94
78) n-propylbenzene	11.37	91	162692	18.23	ug/l	97
79) 2-Chlorotoluene	11.43	91	91941	18.26	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	114253	18.04	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	12037	15.18	ug/l #	86
82) 4-Chlorotoluene	11.52	91	112243	18.33	ug/l	97
83) tert-Butylbenzene	11.78	119	112738	18.30	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	118376	18.18	ug/l	100
85) sec-Butylbenzene	11.96	105	144657	18.56	ug/l	98
86) p-Isopropyltoluene	12.07	119	126388	18.39	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	67126	18.00	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	70527	18.05	ug/l	97
89) n-Butylbenzene	12.40	91	119872	18.11	ug/l	99
90) Hexachloroethane	12.60	117	18232	16.46	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	65641	17.78	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12325	16.50	ug/l	93

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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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ClientSampleId :
VX0312WBSD01

Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	47871	17.83	ug/l	99
94) Hexachlorobutadiene	13.79	225	19132	17.12	ug/l	98
95) Naphthalene	13.84	128	169783	18.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	48143	18.12	ug/l	98

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

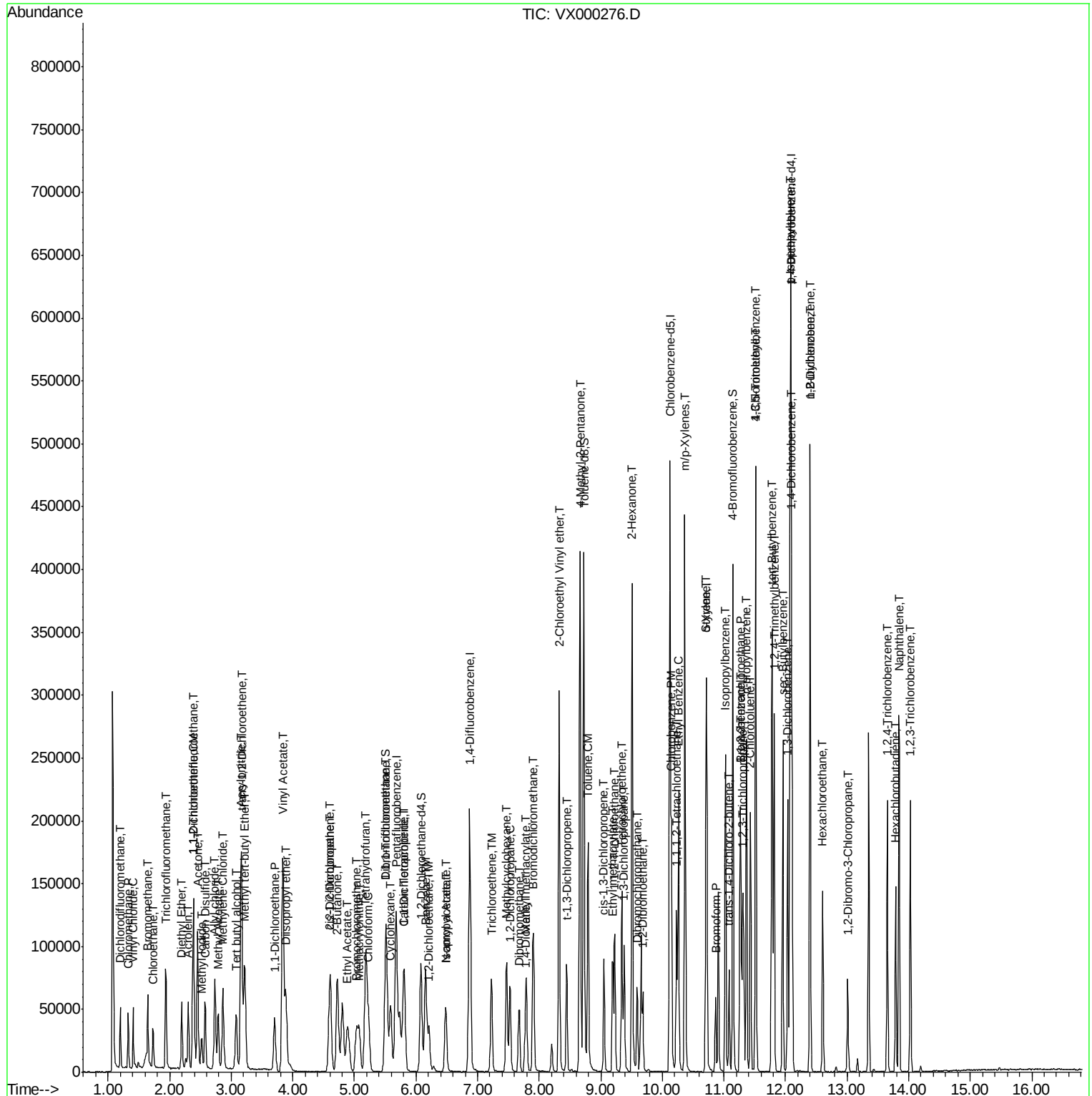
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Data File : VX000276.D
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Operator : JC/MD
Sample : VX0312WBSD01
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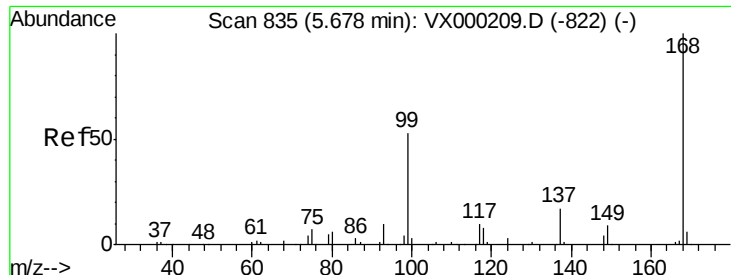
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

Tot Ion:168 Resp: 123655

Ion Ratio Lower Upper

168 100

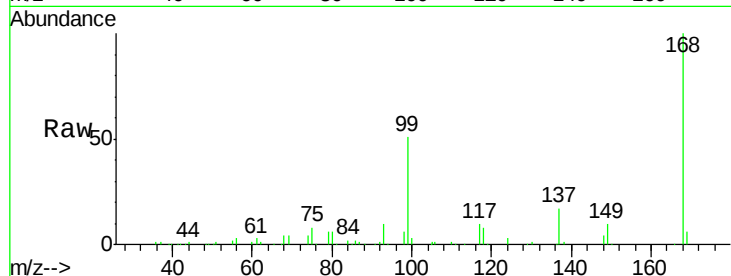
99 51.1 42.8 64.2

Manual Integrations

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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

40000

30000

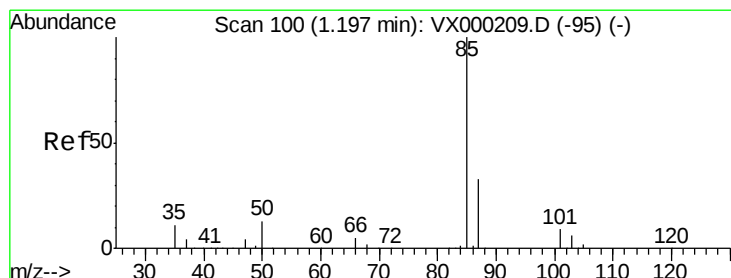
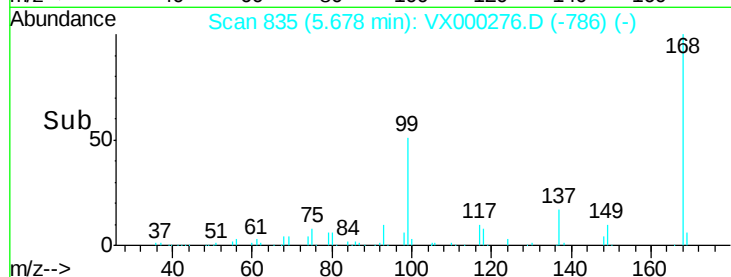
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.43 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000276.D

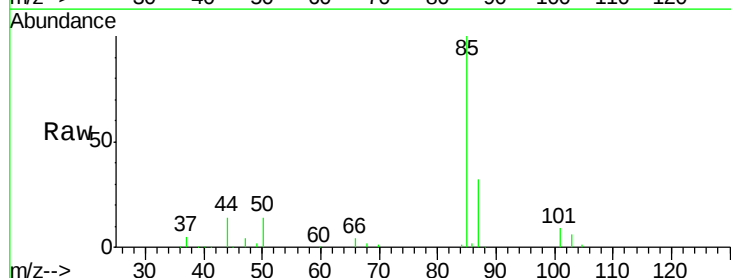
Acq: 12 Mar 2018 13:48

Tgt Ion: 85 Resp: 23485

Ion Ratio Lower Upper

85 100

87 32.3 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

30000

25000

20000

15000

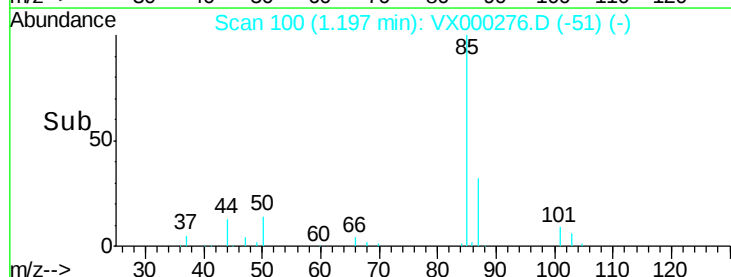
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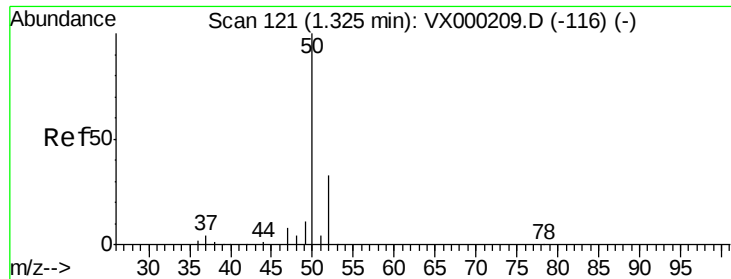
5000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

Tot Ion: 50 Resp: 25093

Ion Ratio Lower Upper

50 100

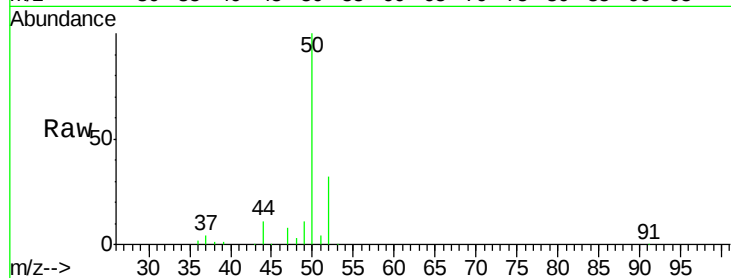
52 31.5 26.2 39.2

Manual Integrations

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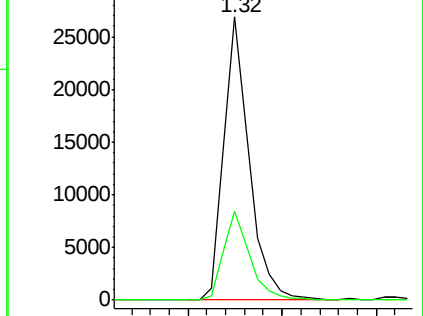
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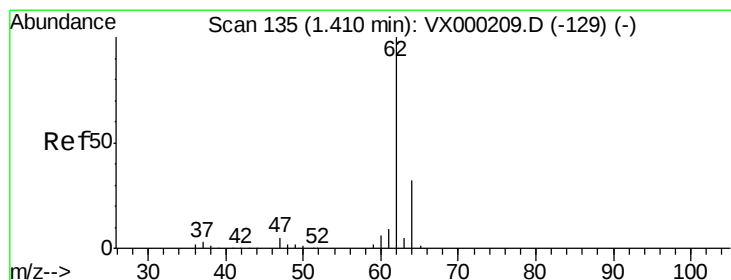
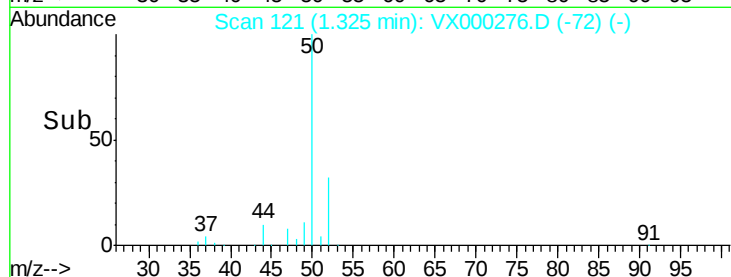


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 19.01 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000276.D

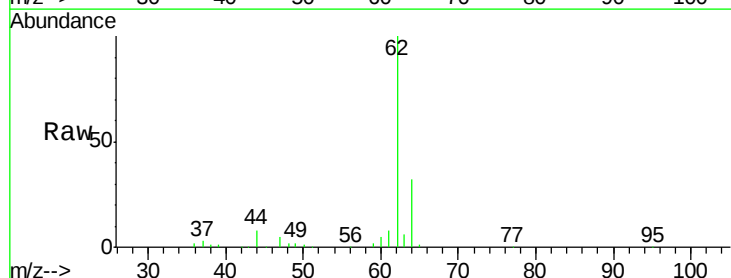
Acq: 12 Mar 2018 13:48

Tgt Ion: 62 Resp: 29145

Ion Ratio Lower Upper

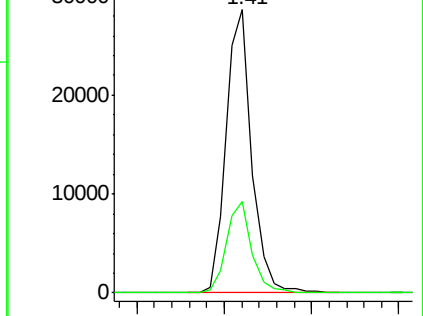
62 100

64 32.1 25.7 38.5

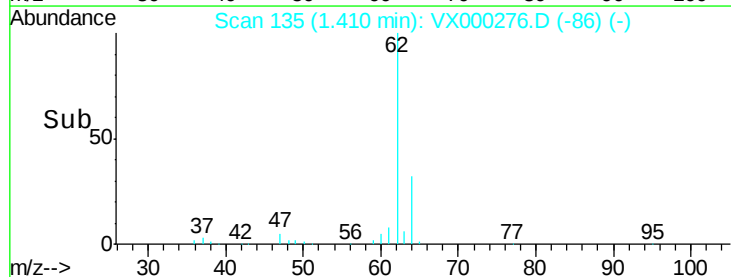


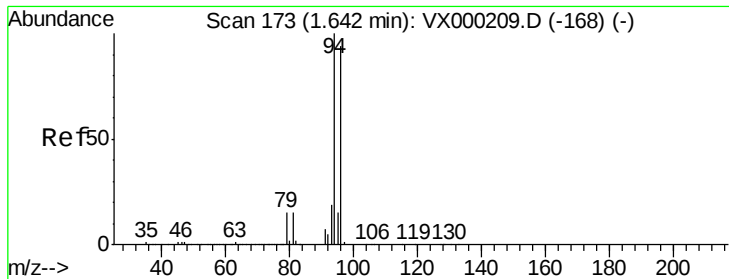
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 15.85 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

Tot Ion: 94 Resp: 26439

Ion Ratio Lower Upper

94 100

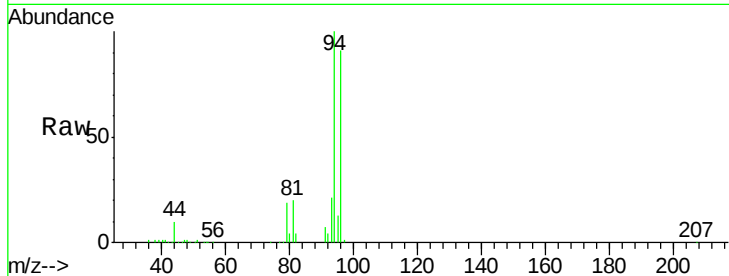
96 90.9 75.3 112.9

Manual Integrations

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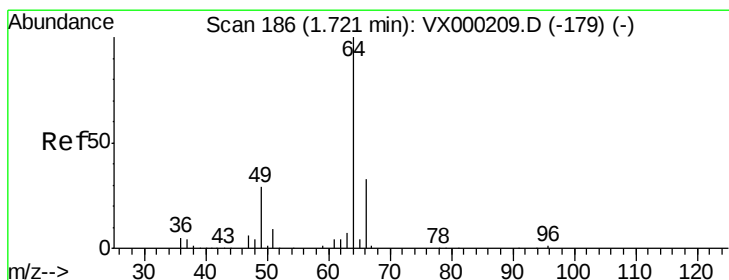
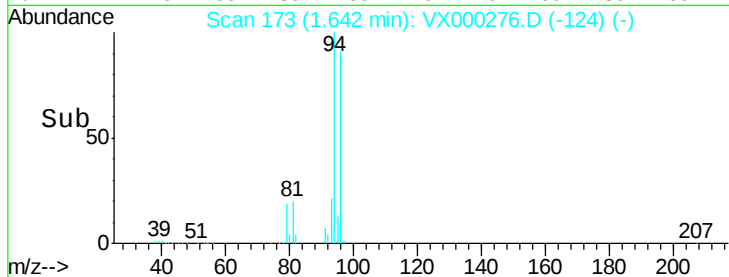
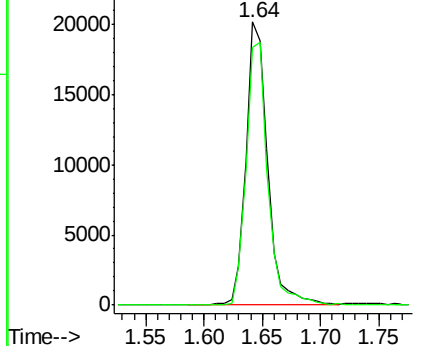
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.45 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000276.D

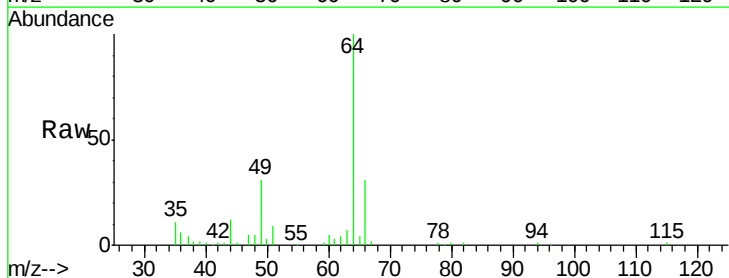
Acq: 12 Mar 2018 13:48

Tgt Ion: 64 Resp: 19817

Ion Ratio Lower Upper

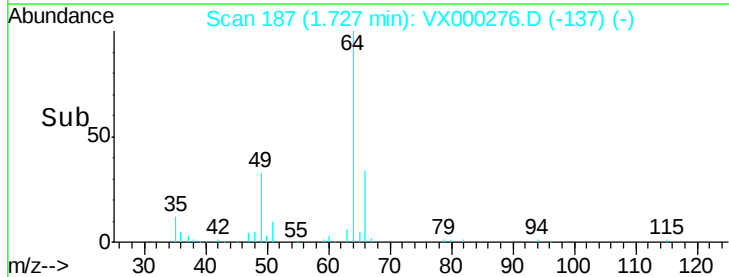
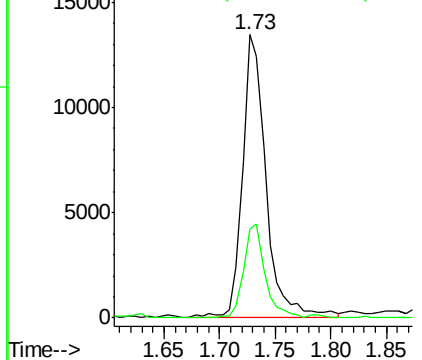
64 100

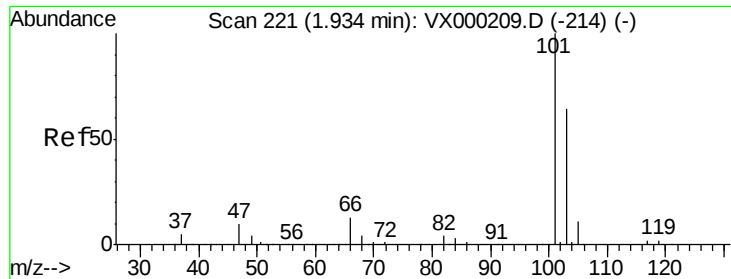
66 31.4 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

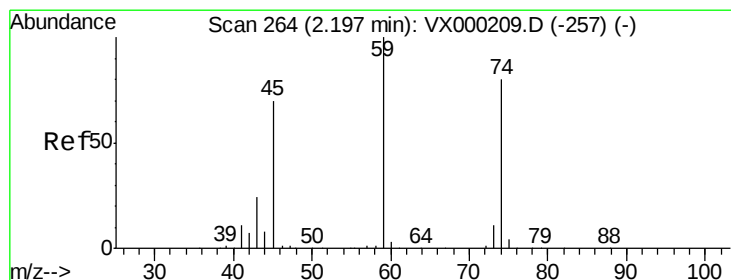
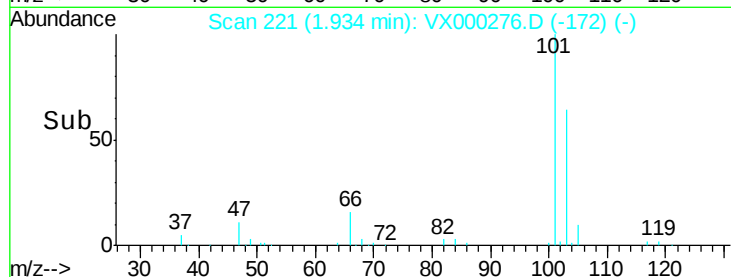
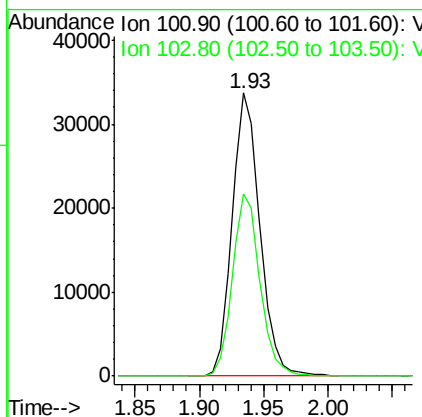
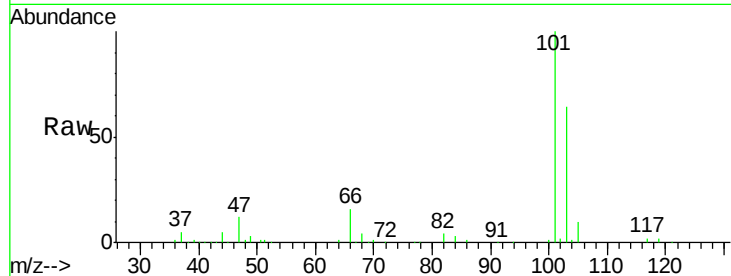
Trichlorofluoromethane
Concen: 19.93 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
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ClientSampleId :
VX0312WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.2	76.8

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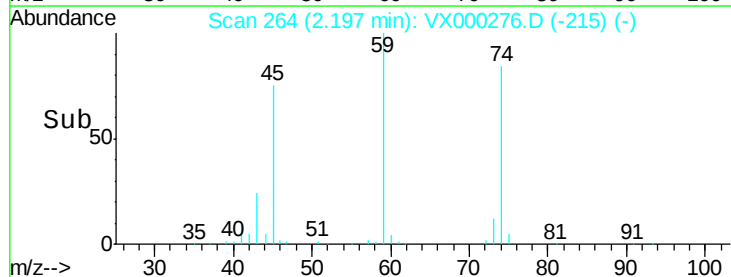
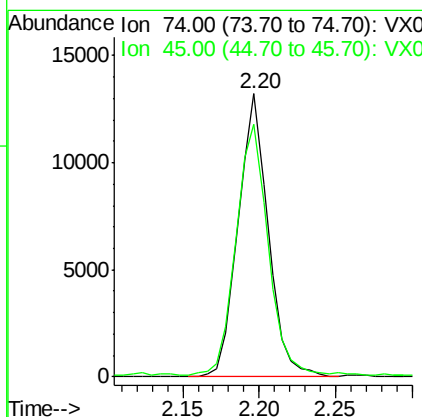
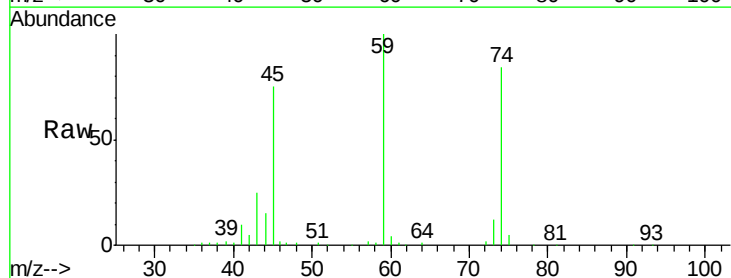
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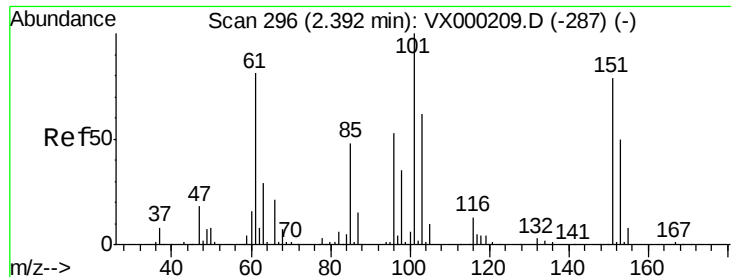


#8

Diethyl Ether
Concen: 19.29 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.8	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.14 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

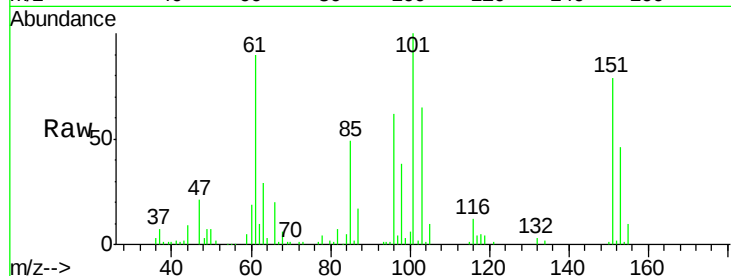
ClientSampleId :

VX0312WBSD01

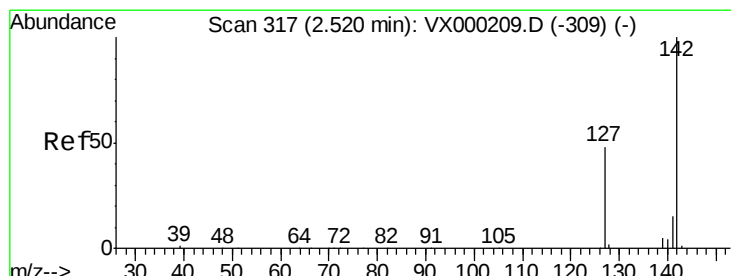
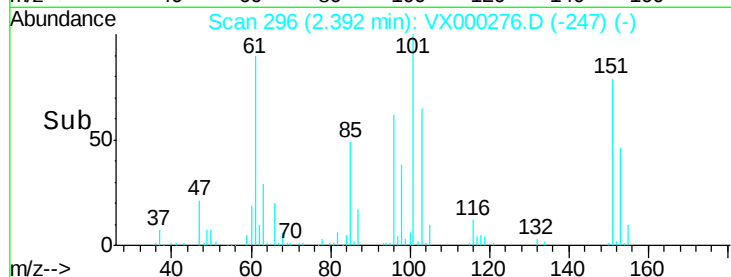
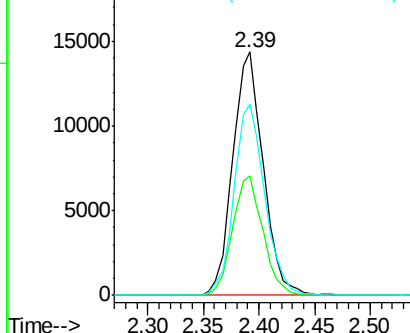
Tot Ion:	101	Resp:	27193
Ion Ratio	Lower	Upper	
101	100		
85	48.6	38.3	57.5
151	79.2	62.8	94.2

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.98 ug/l

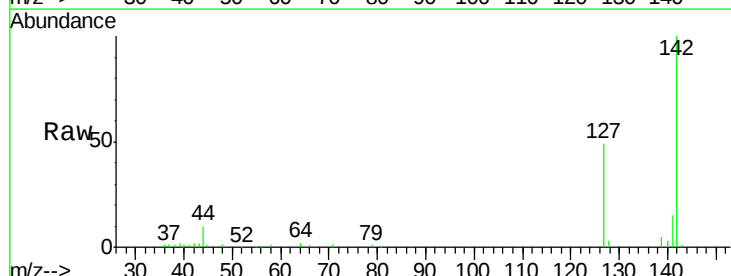
RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

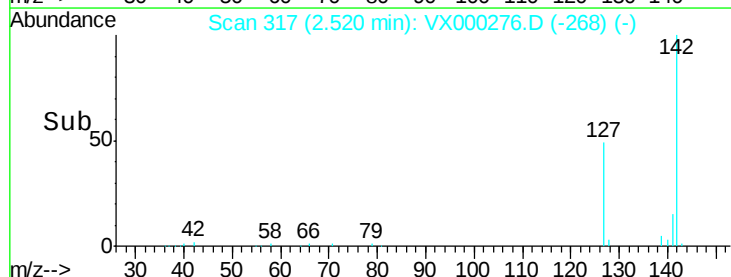
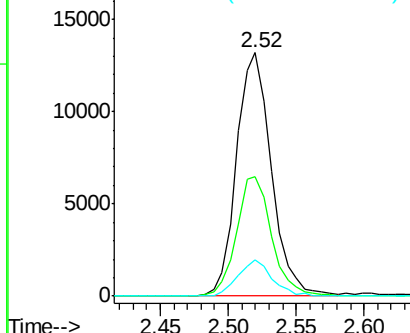
Lab File: VX000276.D

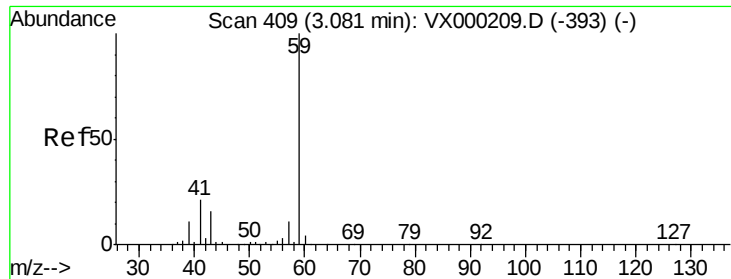
Acq: 12 Mar 2018 13:48

Tgt Ion:	142	Resp:	23600
Ion Ratio	Lower	Upper	
142	100		
127	49.3	39.0	58.6
141	14.5	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





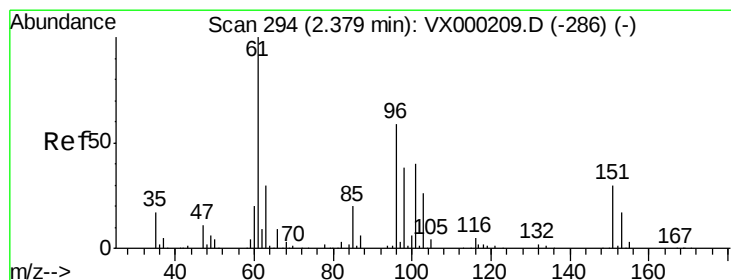
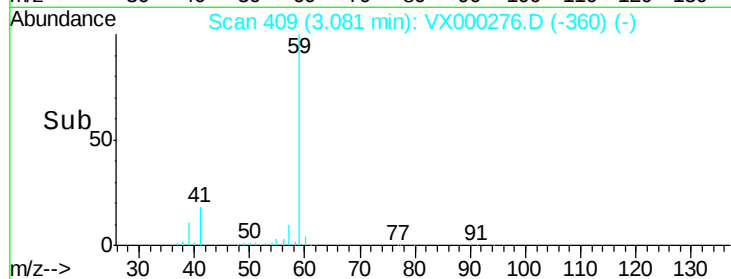
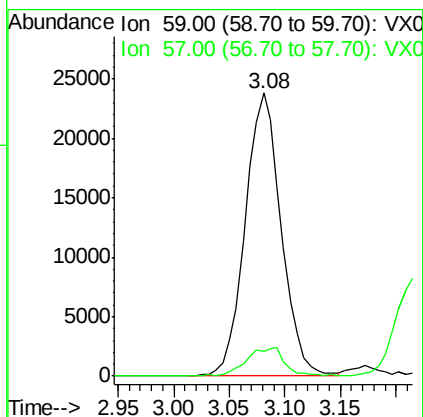
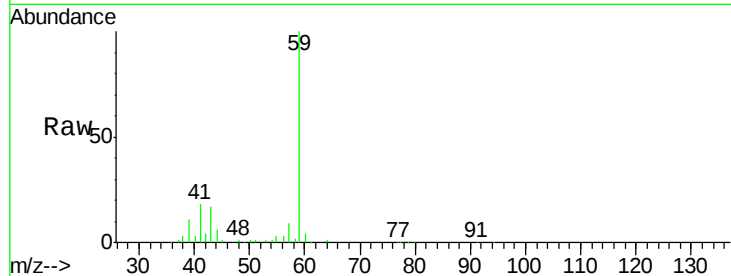
#11
Tert butyl alcohol
Concen: 85.04 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.4	12.6

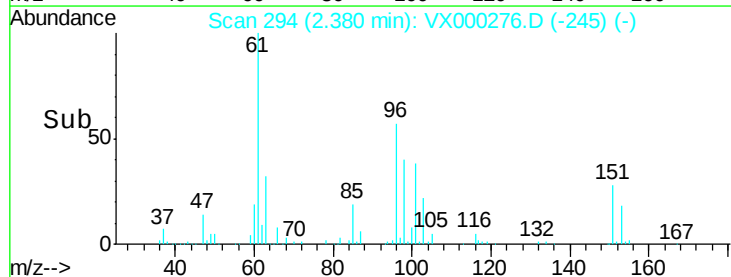
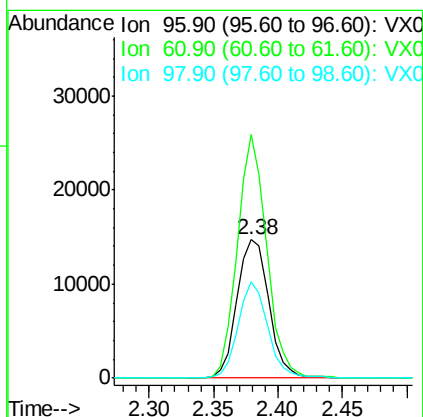
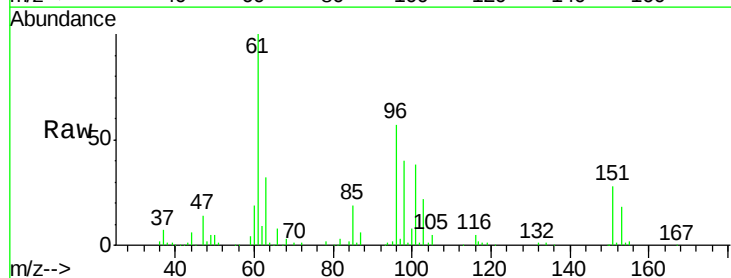
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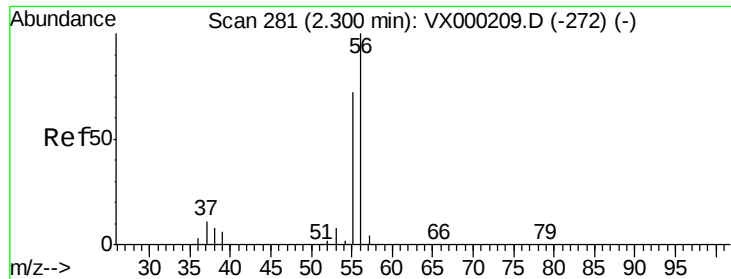
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#12
1,1-Dichloroethene
Concen: 19.42 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.8	135.8	203.6
98	69.7	51.1	76.7





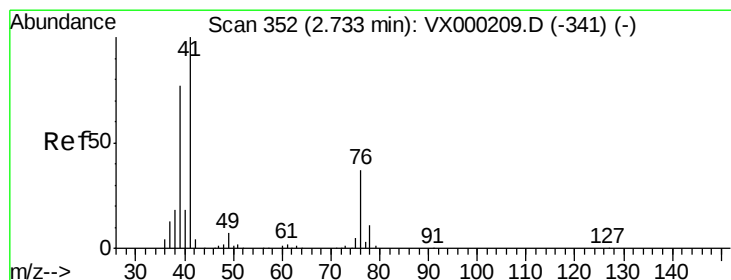
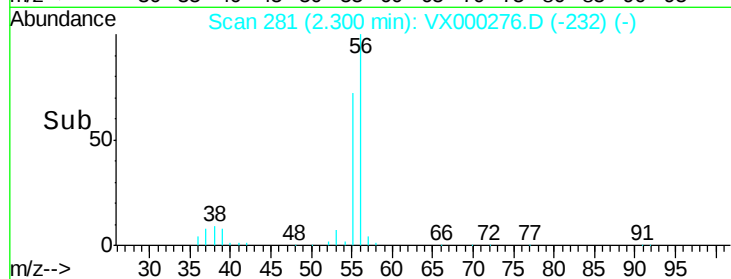
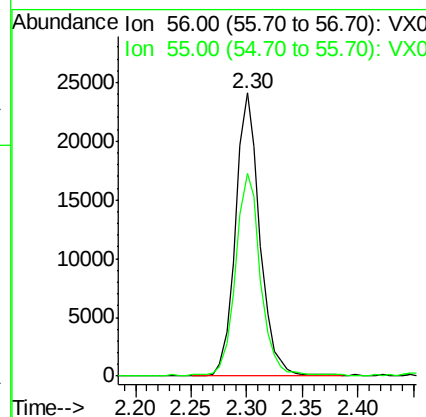
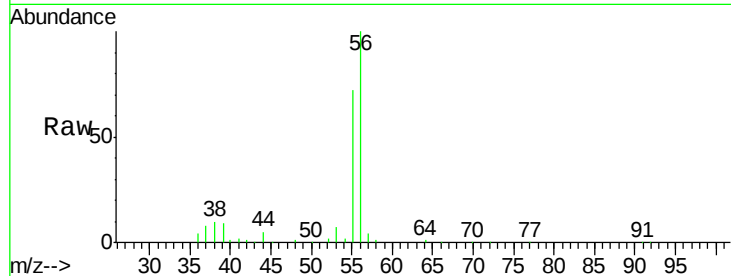
#13
Acrolein
Concen: 109.97 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.9	59.2	88.8

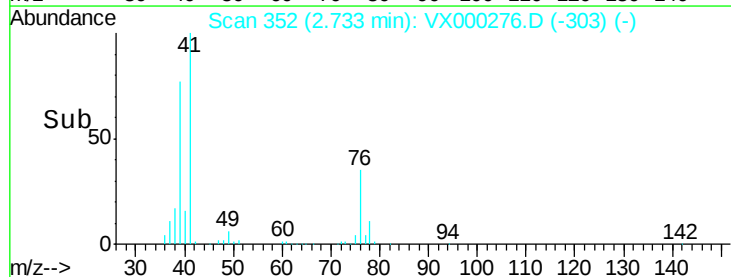
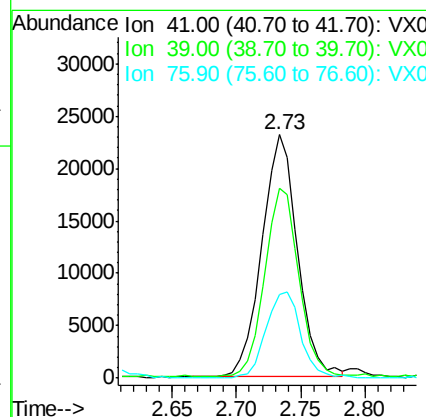
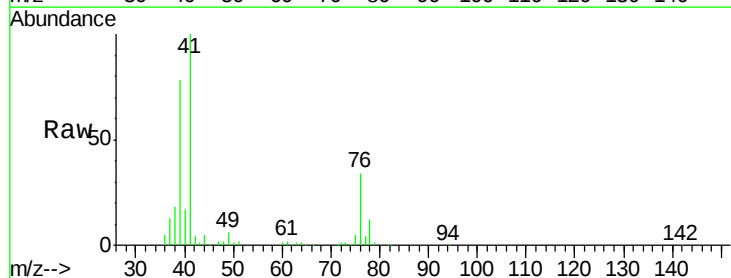
Manual Integrations
APPROVED

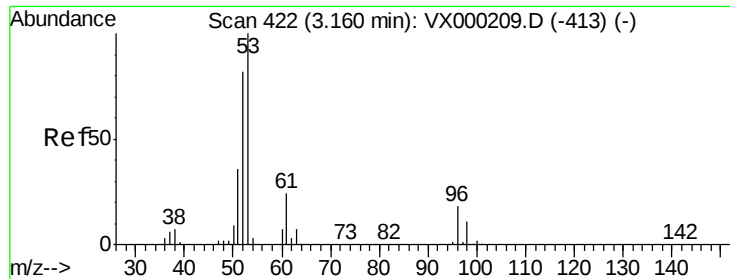
apatel
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#14
Allyl chloride
Concen: 18.36 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion	Ratio	Lower	Upper
41	100		
39	74.1	57.0	85.6
76	35.1	26.8	40.2





#15

Acrylonitrile

Concen: 96.11 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

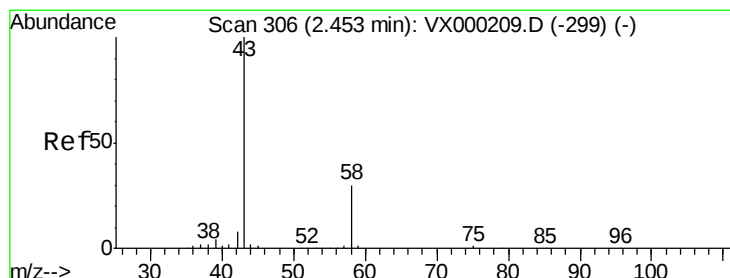
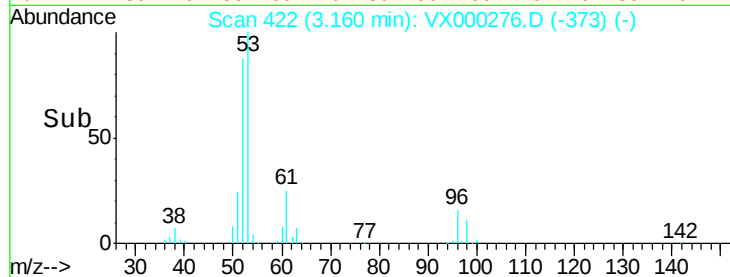
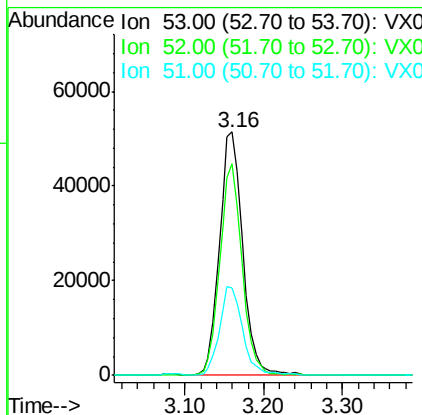
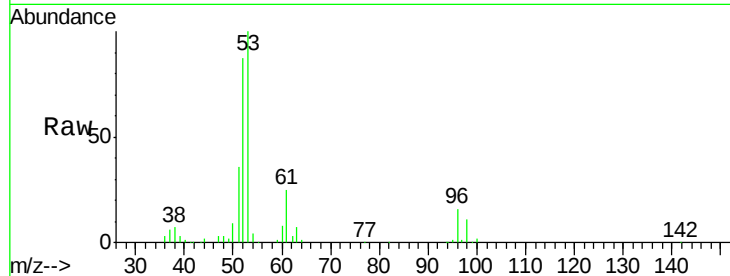
ClientSampleId :

VX0312WBSD01

Tot Ion:	53	Resp:	105352
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.3	99.5
51	37.1	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 92.26 ug/l

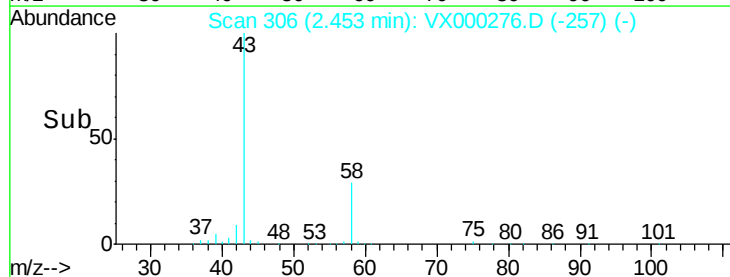
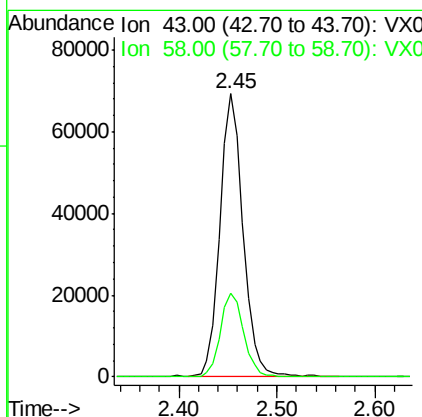
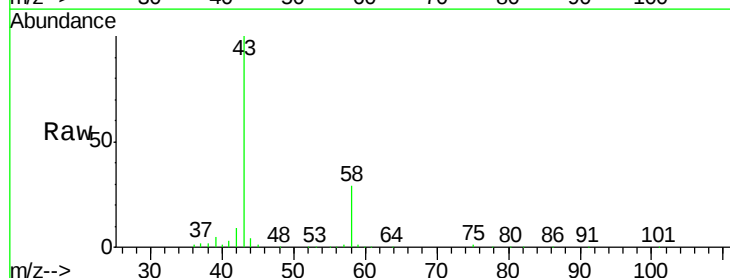
RT: 2.45 min Scan# 306

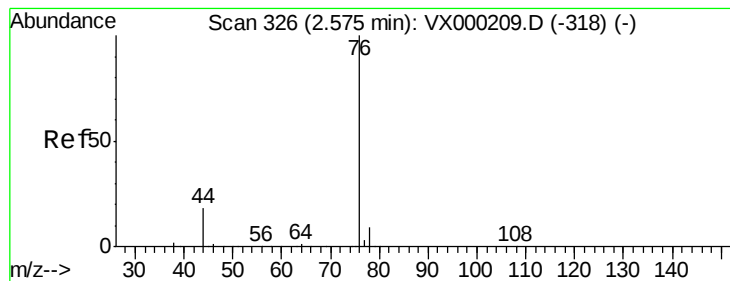
Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Tgt Ion:	43	Resp:	113575
Ion Ratio		Lower	Upper
43	100		
58	29.4	23.8	35.6





#17

Carbon Disulfide

Concen: 17.56 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

Tot Ion: 76 Resp: 62747

Ion Ratio Lower Upper

76 100

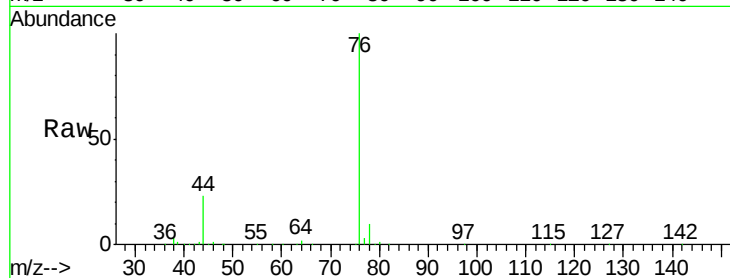
78 9.8 7.0 10.6

Manual Integrations

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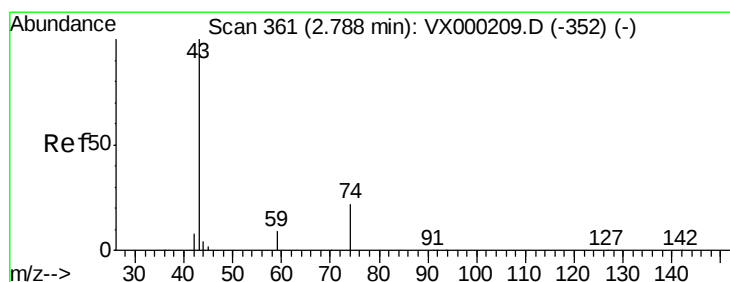
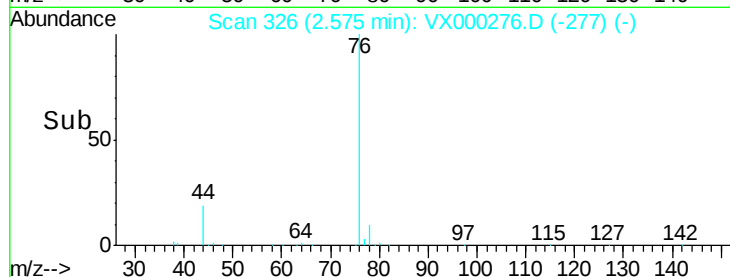
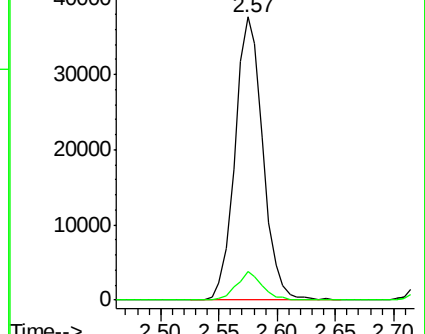
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.10 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.00 min

Lab File: VX000276.D

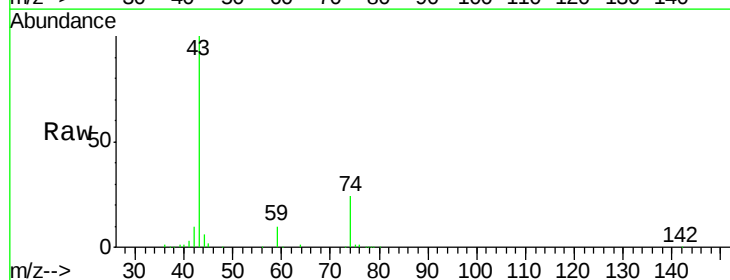
Acq: 12 Mar 2018 13:48

Tgt Ion: 43 Resp: 50071

Ion Ratio Lower Upper

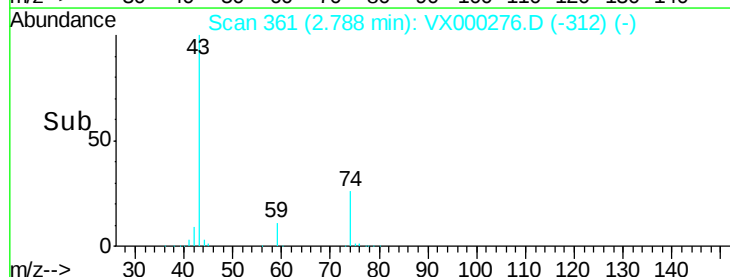
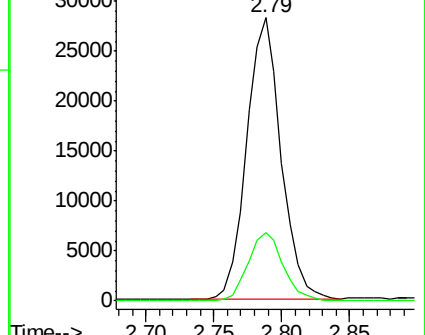
43 100

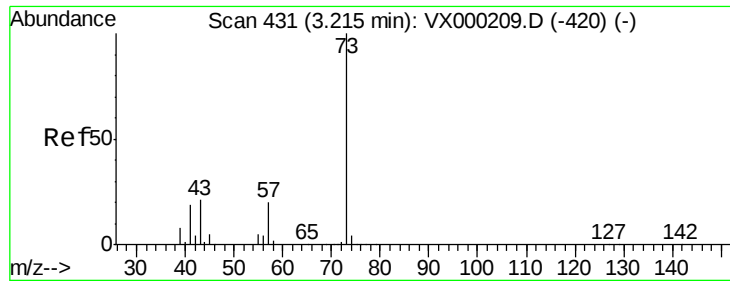
74 24.9 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

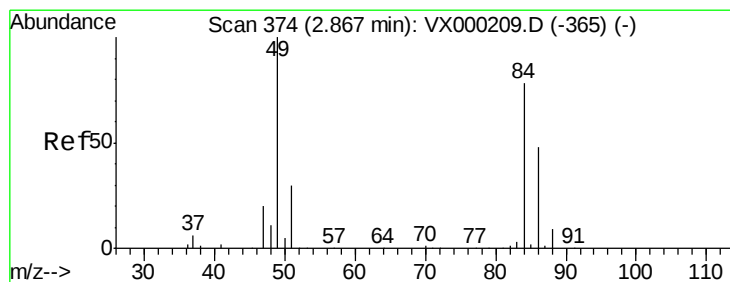
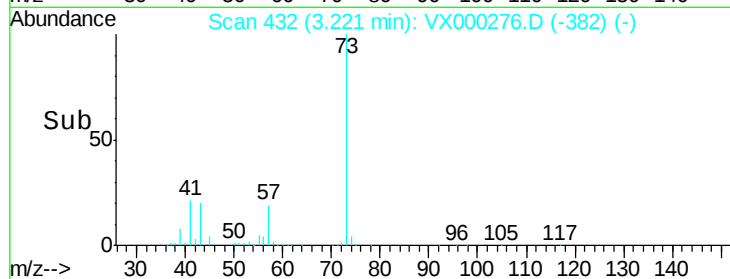
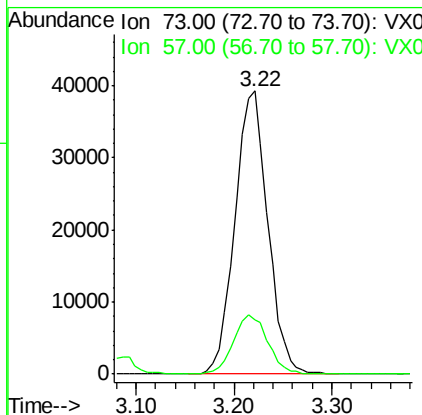
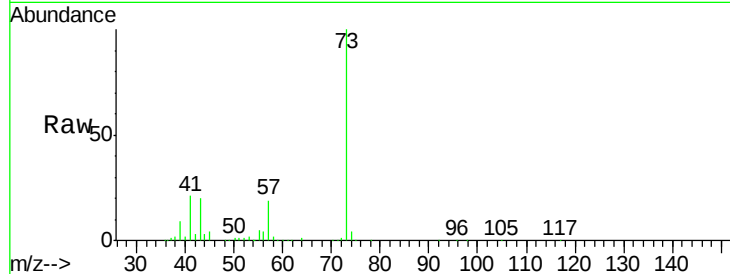
Methyl tert-butyl Ether
 Concen: 19.73 ug/l
 RT: 3.22 min Scan# 432
 Delta R.T. 0.01 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBSD01

Tot Ion	73	Resp	91653
Ion Ratio	100	Lower	Upper
73	100	16.3	24.5
57	19.0		

Manual Integrations
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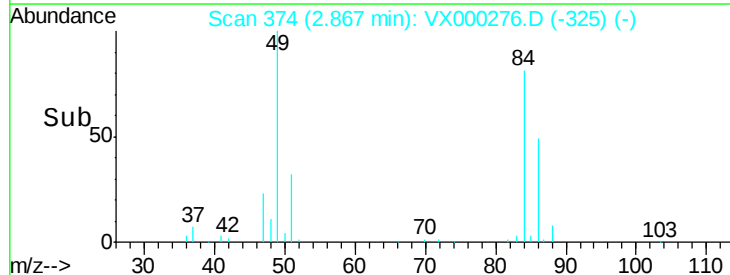
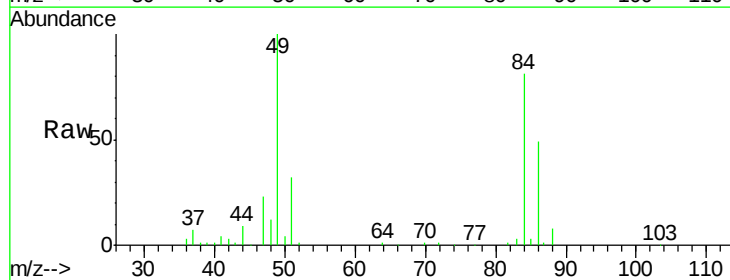
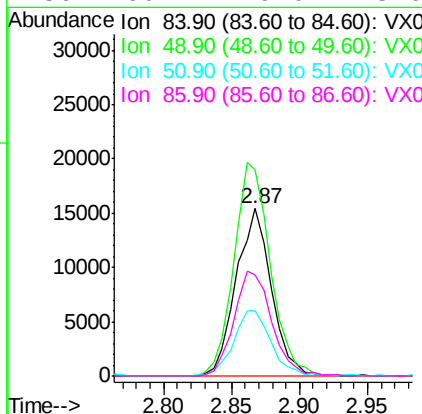
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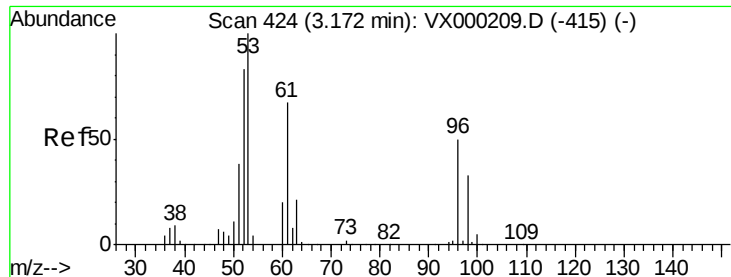


#20

Methylene Chloride
 Concen: 19.06 ug/l
 RT: 2.87 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Tgt Ion	84	Resp	27979
Ion Ratio	100	Lower	Upper
84	100	102.1	153.1
49	122.9	30.6	45.8
51	39.0	49.0	73.6
86	60.1		





#21

trans-1,2-Dichloroethene

Concen: 19.09 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

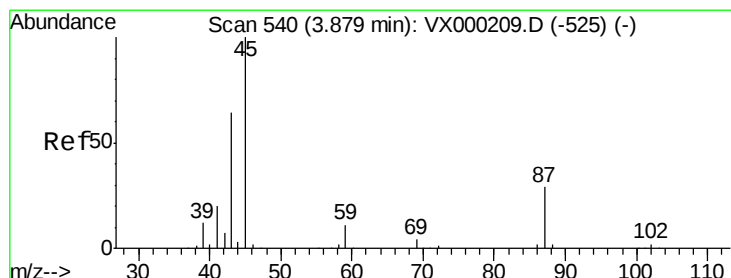
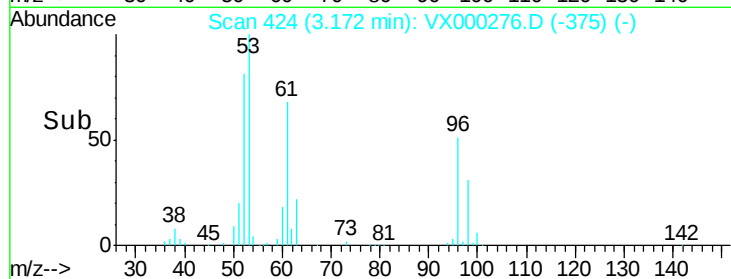
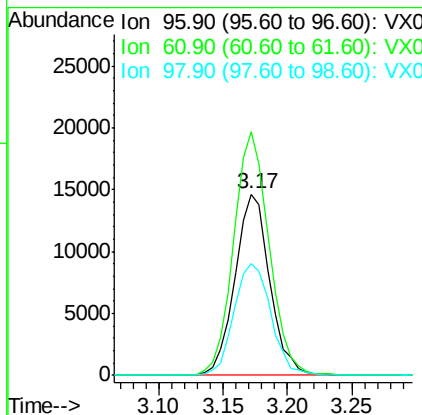
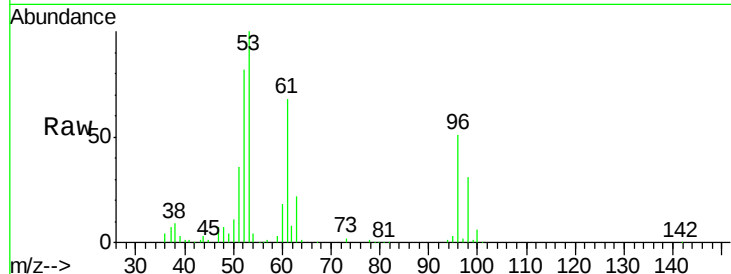
ClientSampled :

VX0312WBSD01

Tot Ion:	96	Resp:	27387
Ion	Ratio	Lower	Upper
96	100		
61	134.3	107.0	160.4
98	61.4	51.8	77.8

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#22

Diisopropyl ether

Concen: 16.66 ug/l

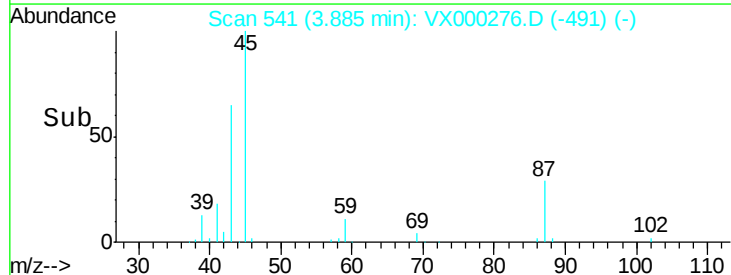
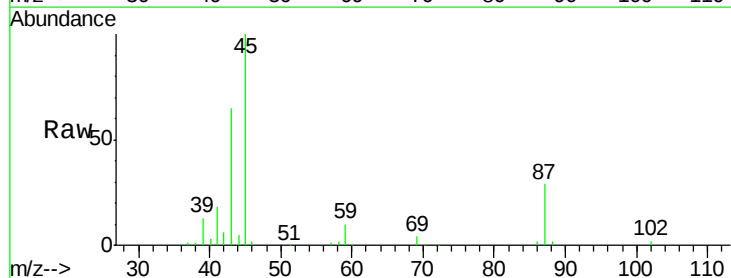
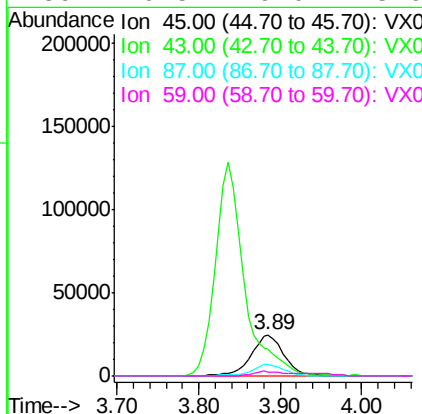
RT: 3.89 min Scan# 541

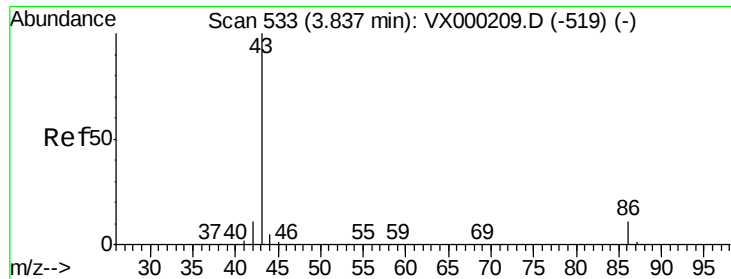
Delta R.T. 0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Tgt Ion:	45	Resp:	68937
Ion	Ratio	Lower	Upper
45	100		
43	63.0	53.5	80.3
87	28.7	23.3	34.9
59	10.5	9.0	13.6





#23

Vinyl Acetate

Concen: 80.61 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

Tot Ion: 43 Resp: 321424

Ion Ratio Lower Upper

43 100

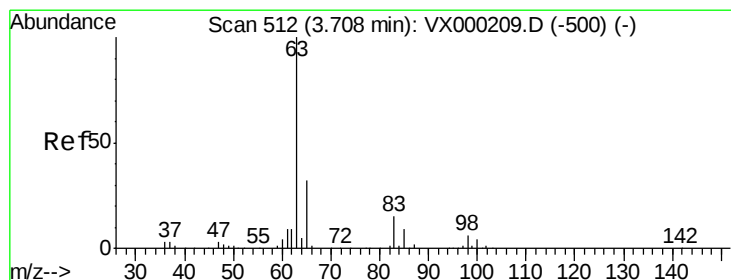
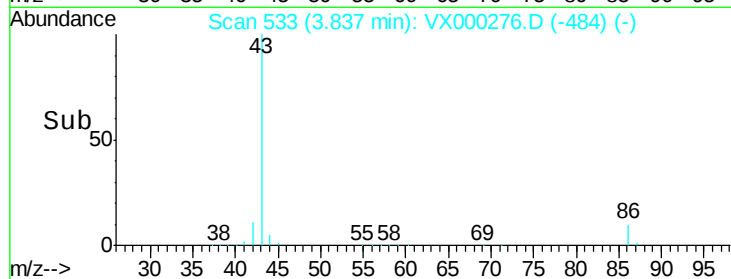
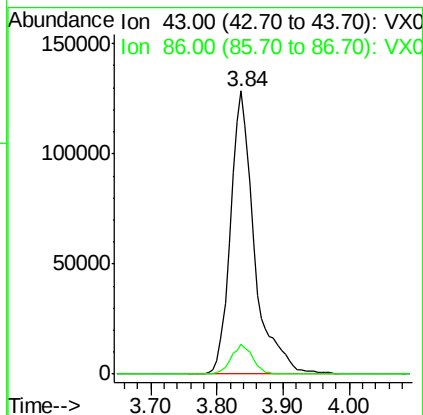
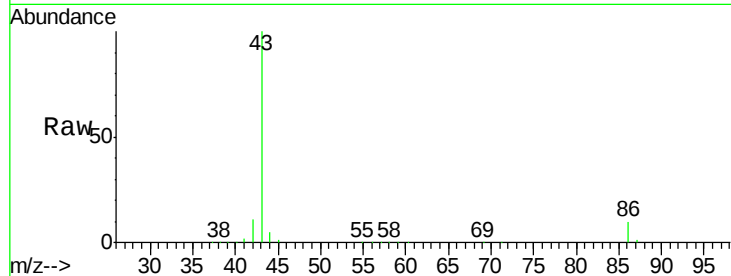
86 10.4 8.5 12.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.36 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

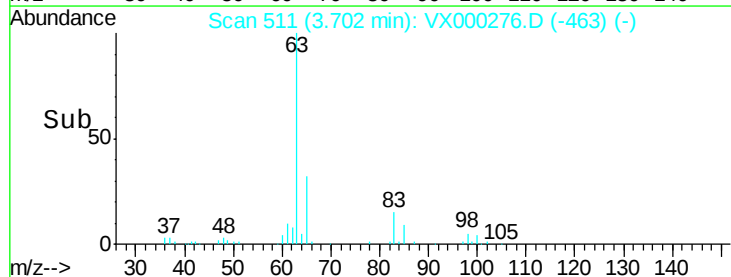
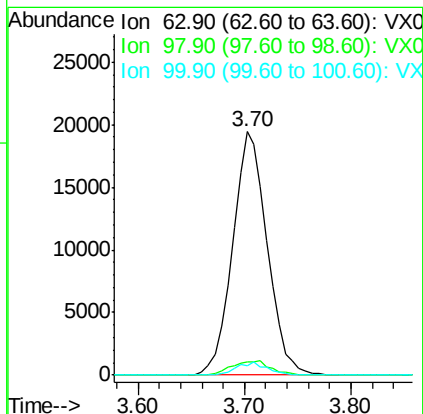
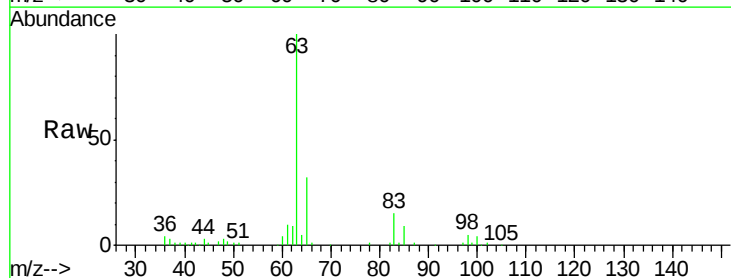
Tgt Ion: 63 Resp: 44024

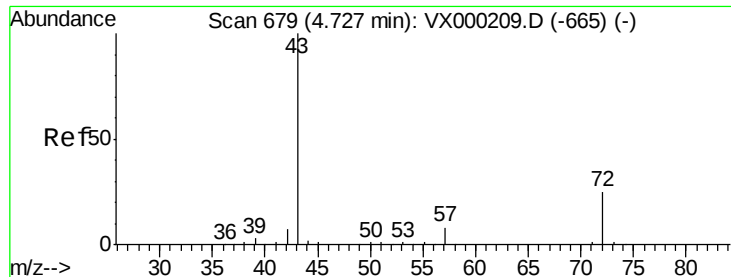
Ion Ratio Lower Upper

63 100

98 5.3 3.1 9.4

100 3.9 2.2 6.6





#25

2-Butanone

Concen: 86.82 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

Tot Ion: 43 Resp: 131900

Ion Ratio Lower Upper

43 100

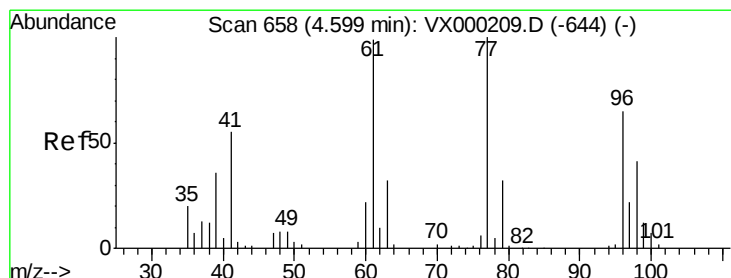
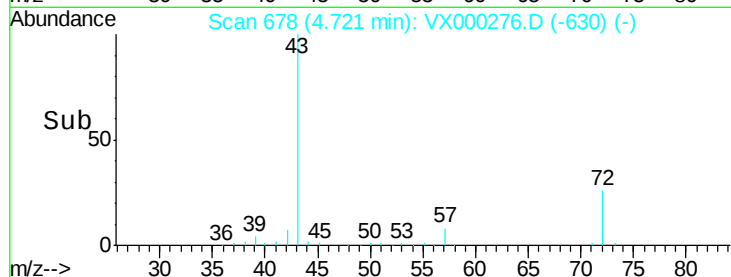
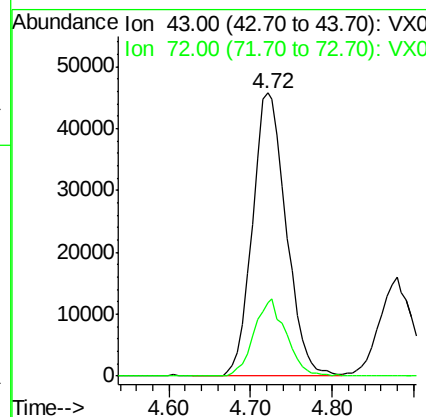
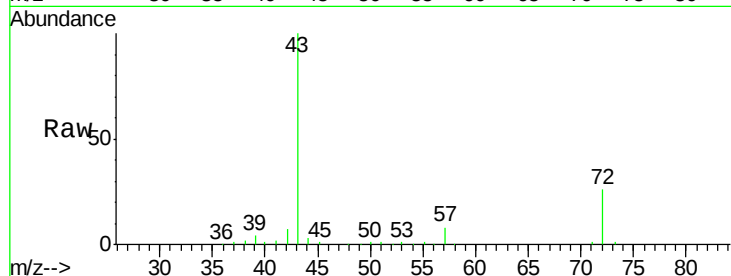
72 25.8 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 18.76 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000276.D

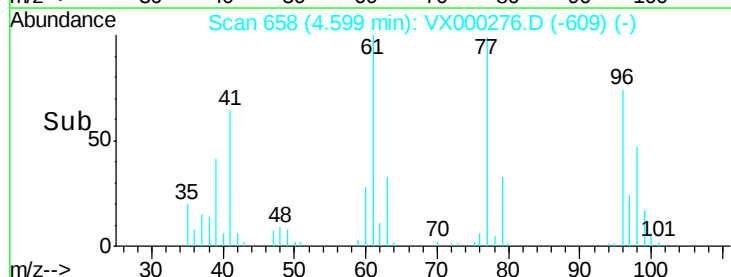
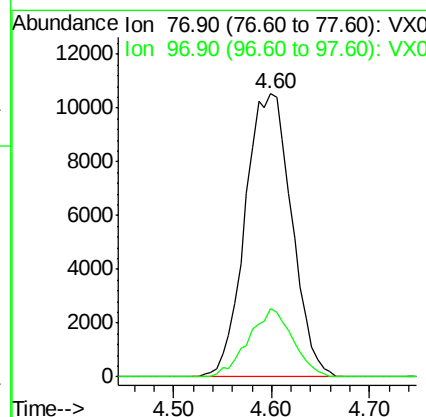
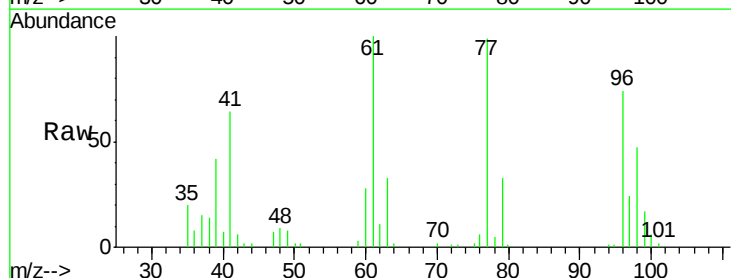
Acq: 12 Mar 2018 13:48

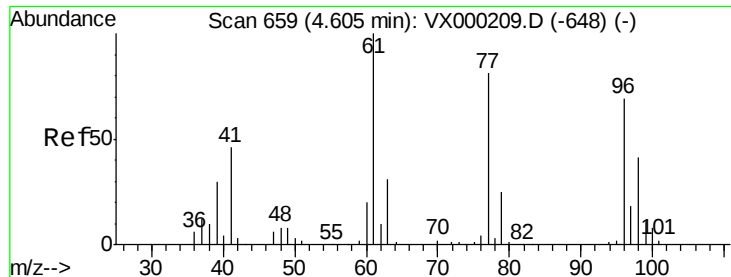
Tgt Ion: 77 Resp: 34778

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

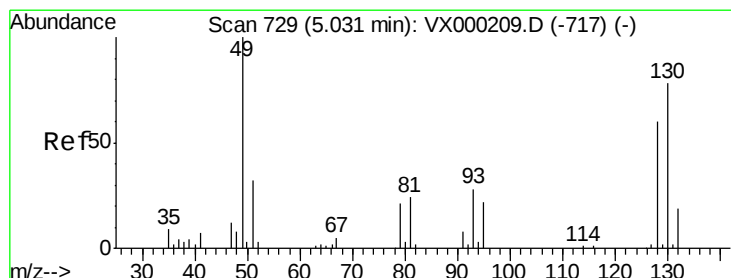
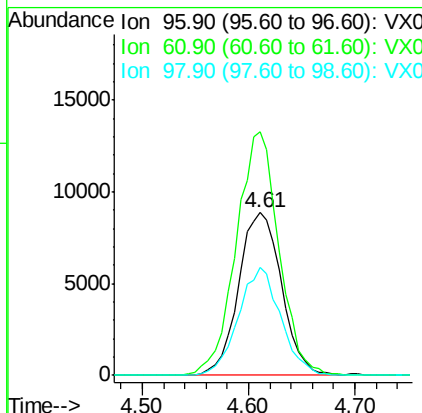
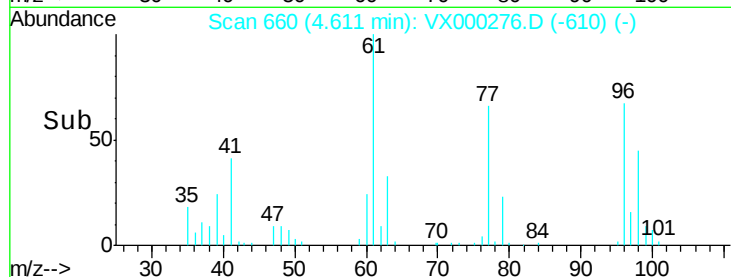
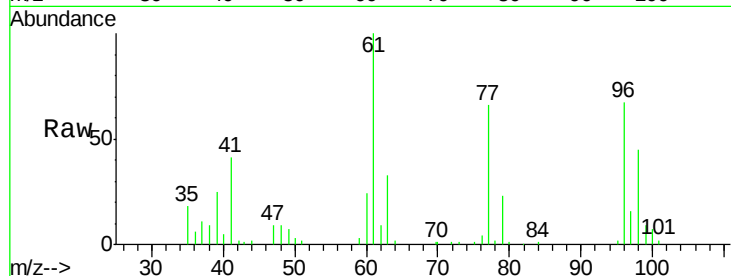
cis-1,2-Dichloroethene
Concen: 18.45 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	296.4
98	65.0	0.0	130.6

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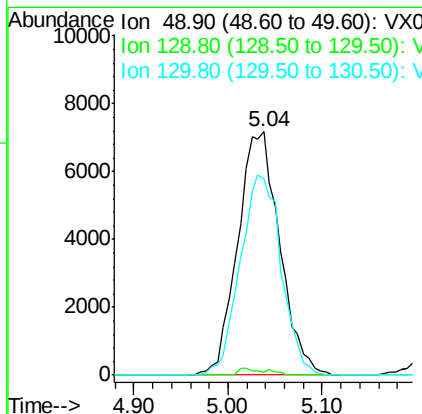
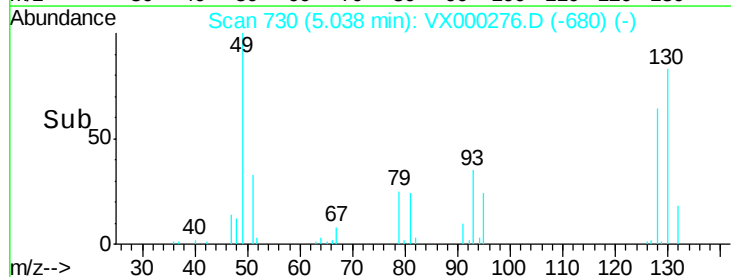
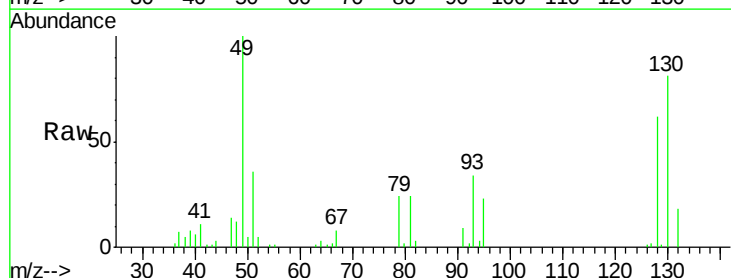
apatel
3/13/2018 10:58:41 AM

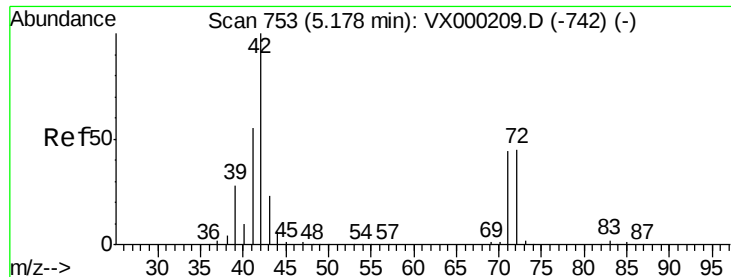


#28

Bromochloromethane
Concen: 20.63 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	80.6	63.5	95.3





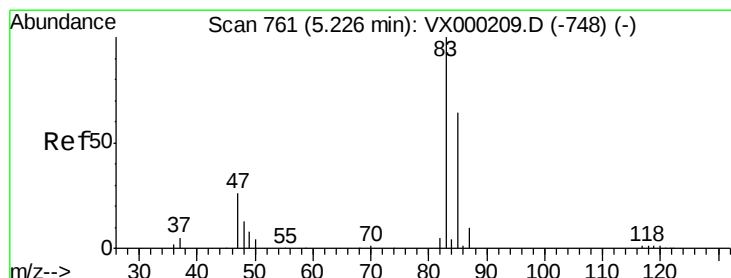
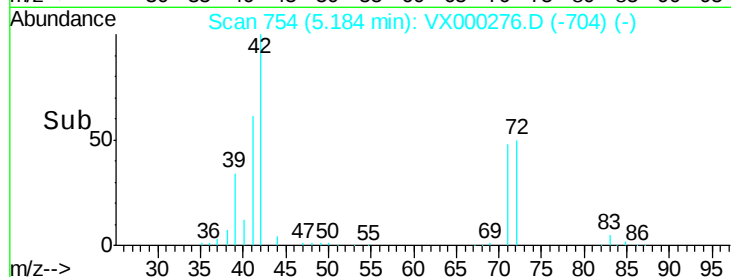
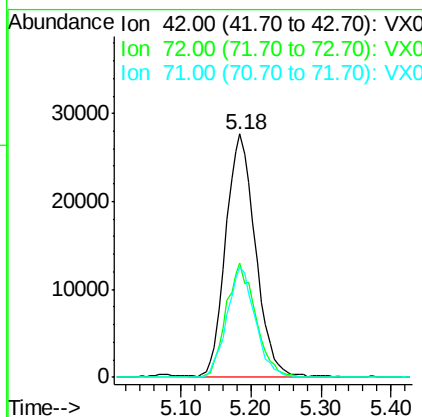
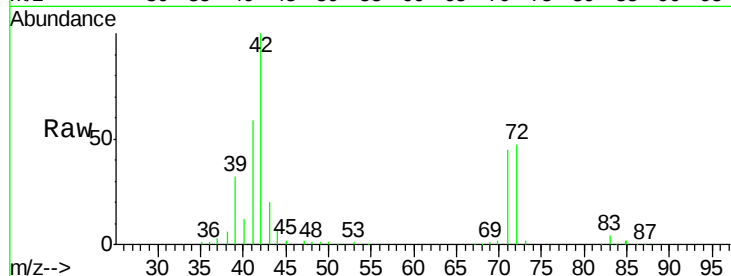
#29
Tetrahydrofuran
Concen: 85.97 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	37.3	55.9
71	42.9	35.0	52.4

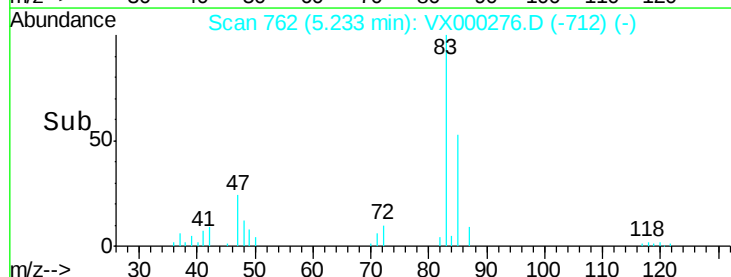
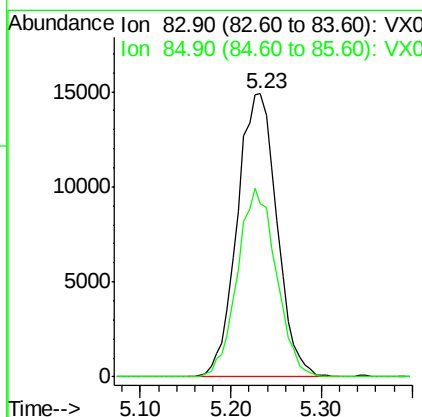
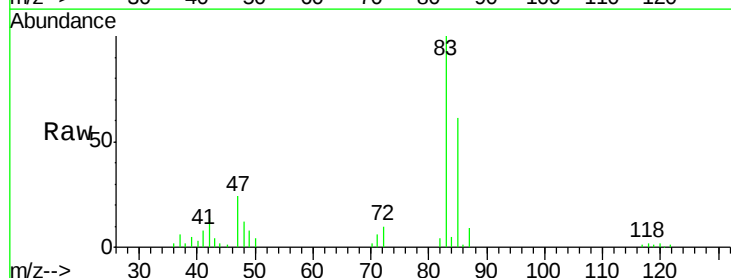
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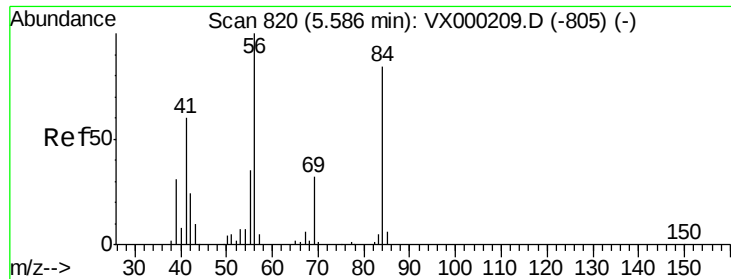
apatel
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#30
Chloroform
Concen: 18.39 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.0	76.6





#31

Cyclohexane

Concen: 18.11 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

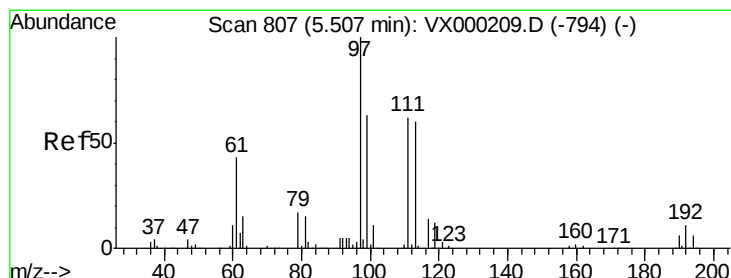
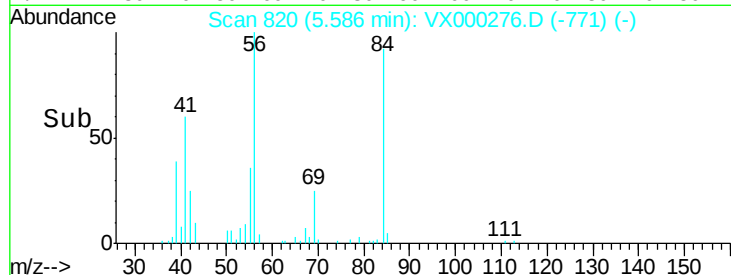
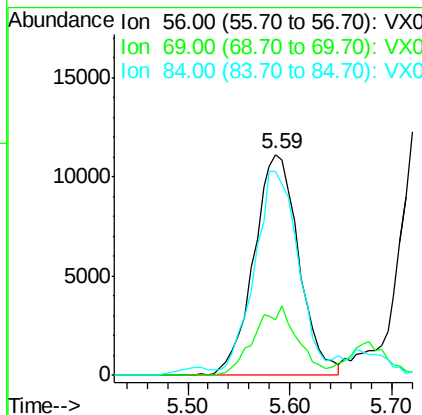
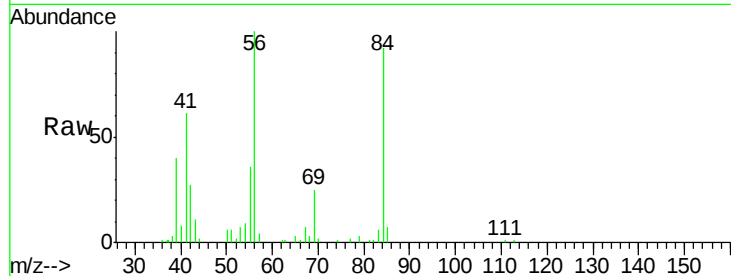
ClientSampleId :

VX0312WBSD01

Tot Ion:	56	Resp:	33963
Ion Ratio	Lower	Upper	
56	100		
69	24.9	25.3	37.9#
84	89.3	67.2	100.8

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#32

1,1,1-Trichloroethane

Concen: 18.22 ug/l

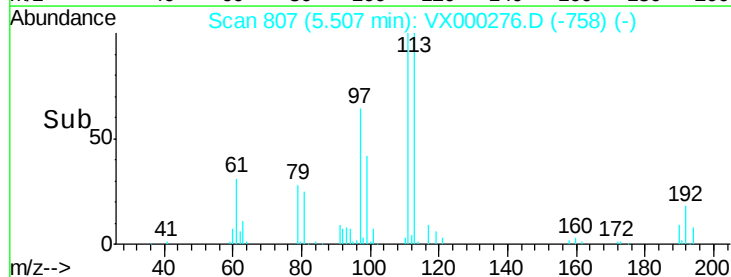
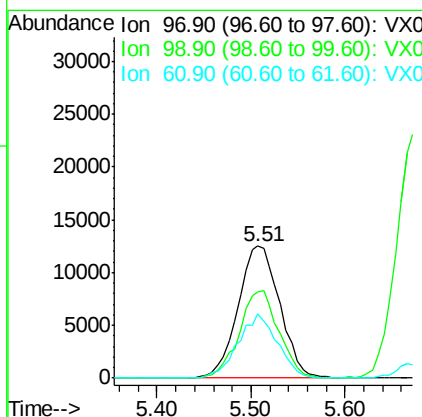
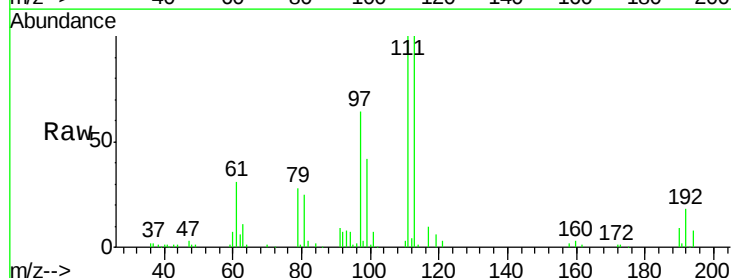
RT: 5.51 min Scan# 807

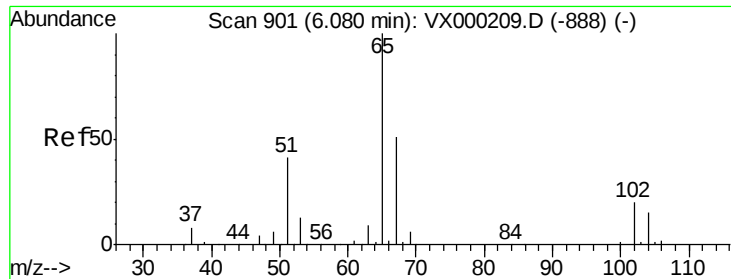
Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Tgt Ion:	97	Resp:	38728
Ion Ratio	Lower	Upper	
97	100		
99	63.2	50.9	76.3
61	45.9	35.4	53.0





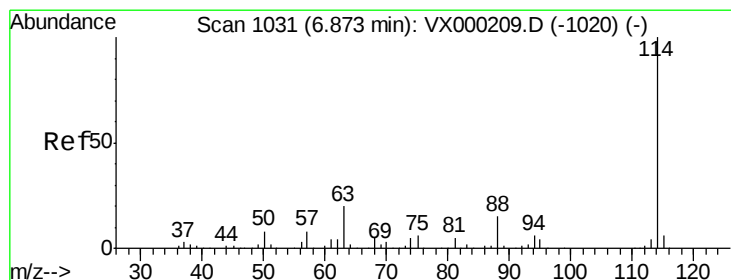
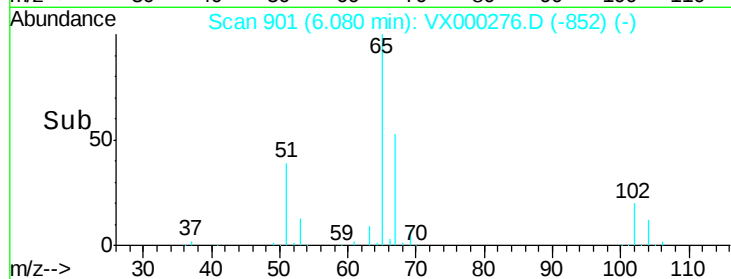
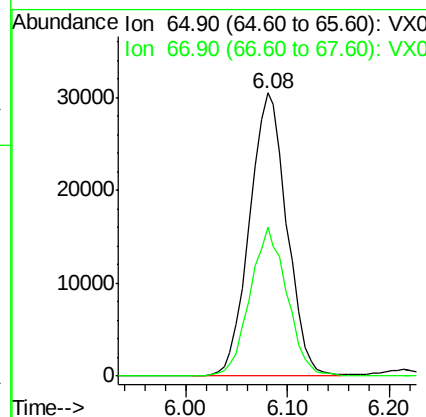
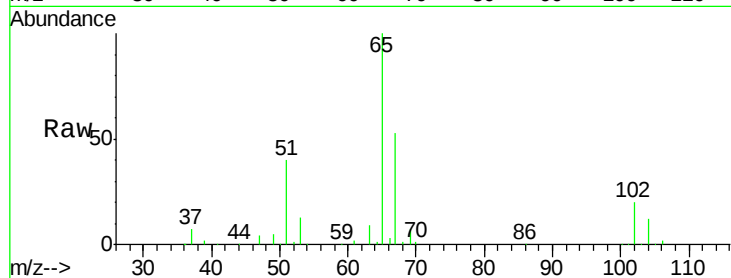
#33
 1,2-Dichloroethane-d4
 Concen: 45.17 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.4

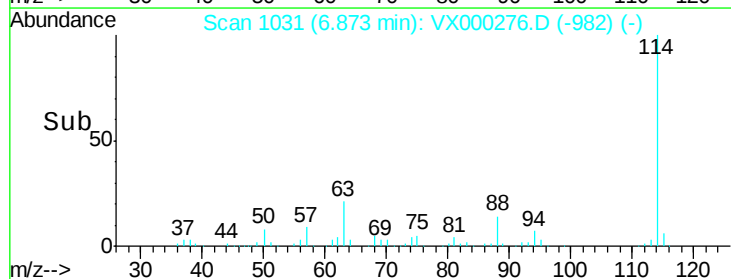
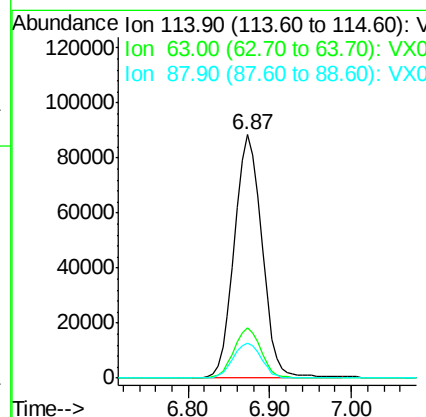
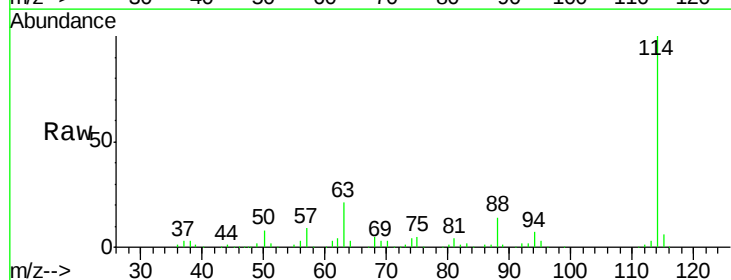
Manual Integrations
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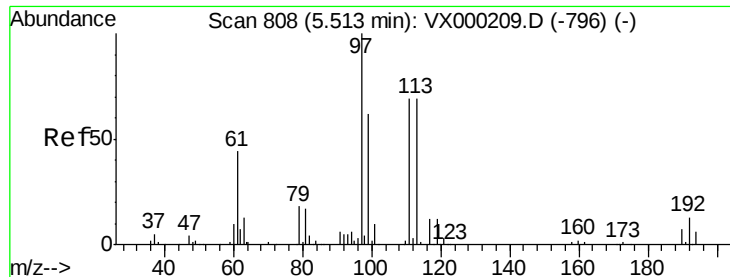
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.2
88	14.3	0.0	29.8





#35

Dibromofluoromethane

Concen: 46.82 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

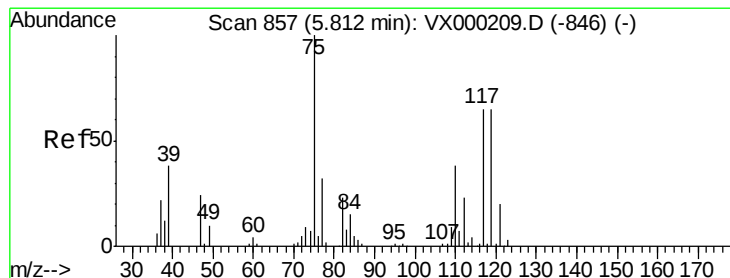
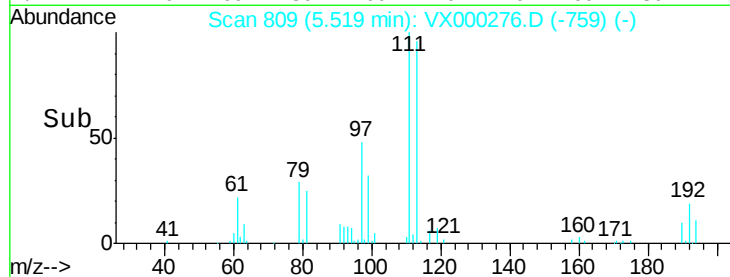
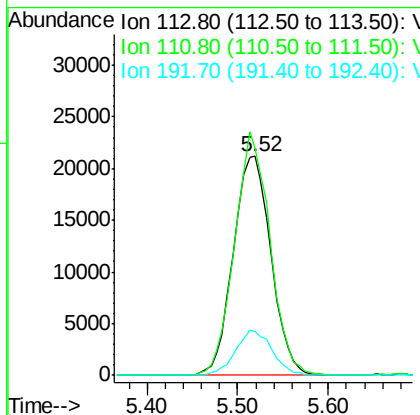
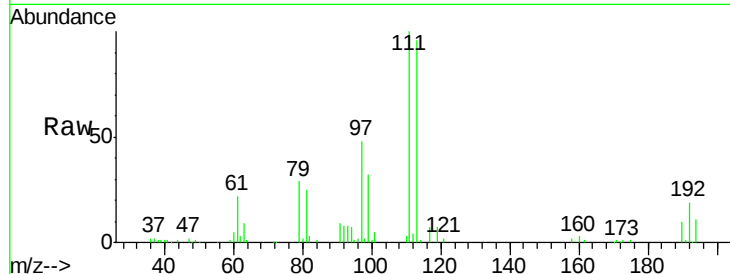
ClientSampleId :

VX0312WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.0	124.6
192	19.9	15.5	23.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.63 ug/l

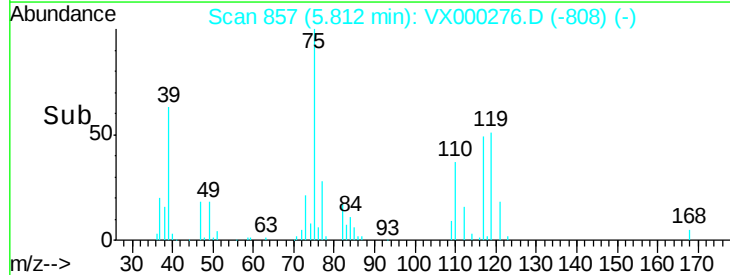
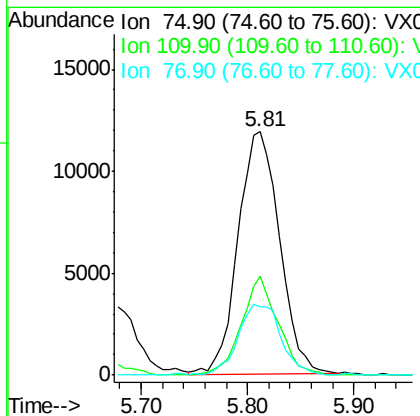
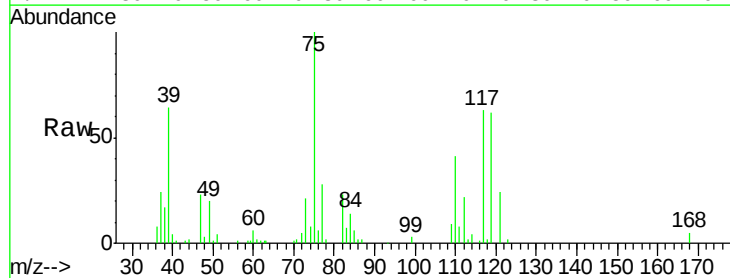
RT: 5.81 min Scan# 857

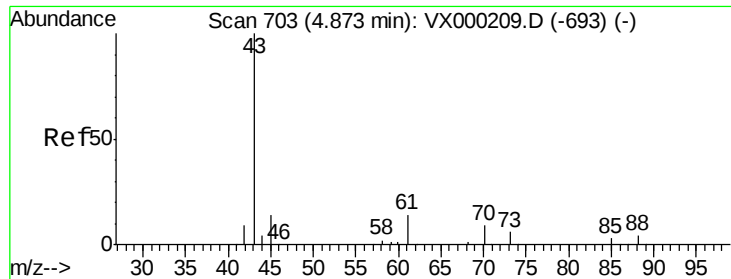
Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.8	53.5
77	30.1	24.9	37.3





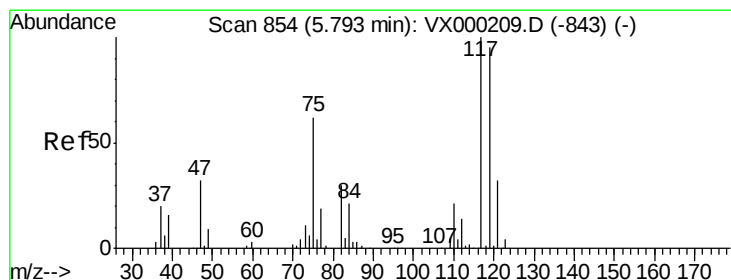
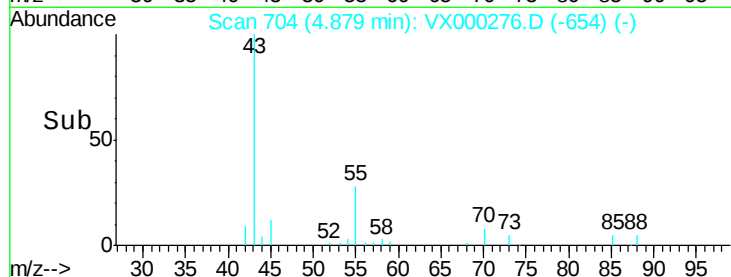
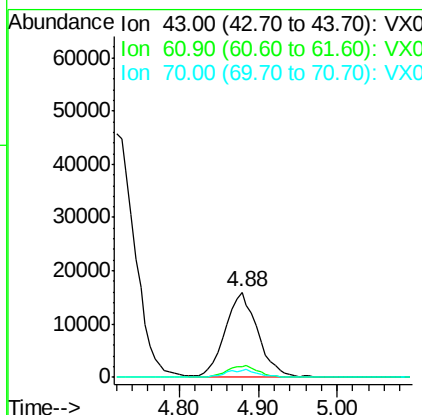
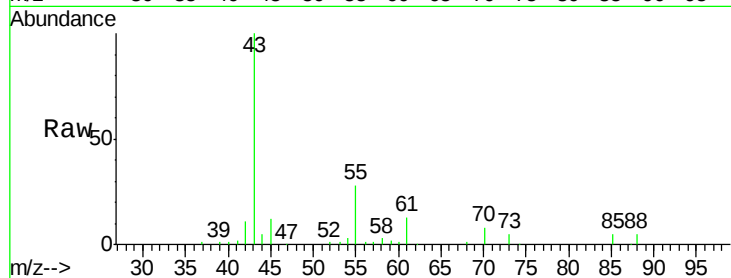
#37
Ethyl Acetate
Concen: 17.40 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.6
70	8.8	7.8	11.6

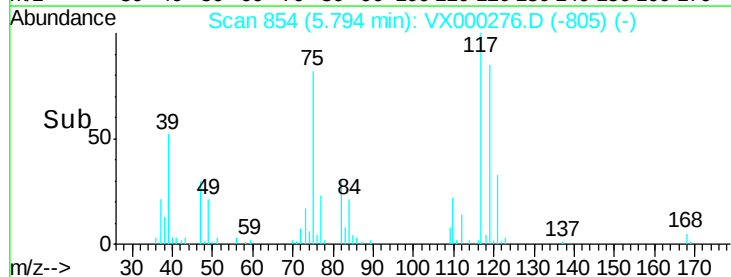
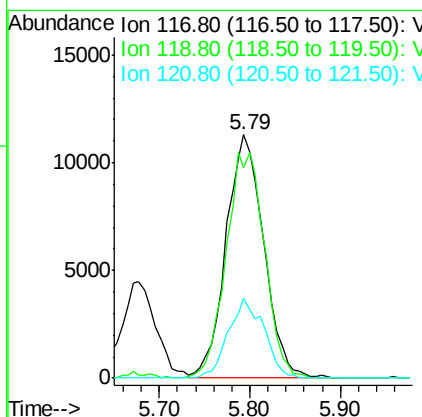
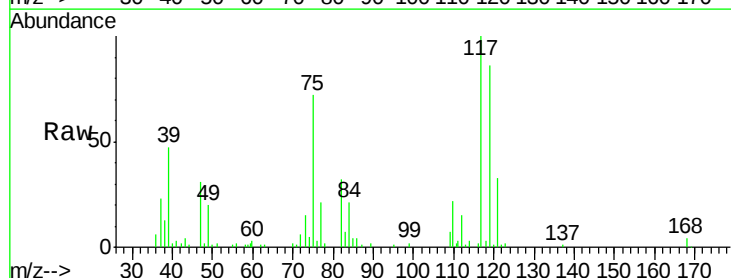
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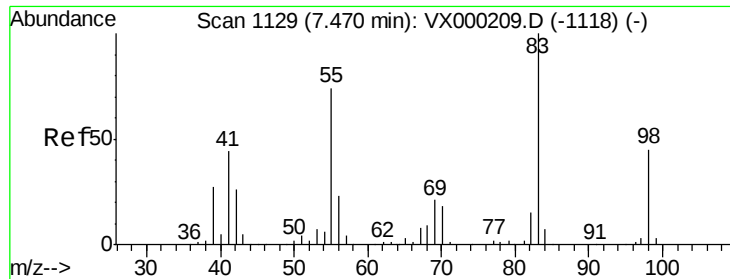
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#38
Carbon Tetrachloride
Concen: 17.44 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	86.2	75.9	113.9
121	33.0	25.8	38.6





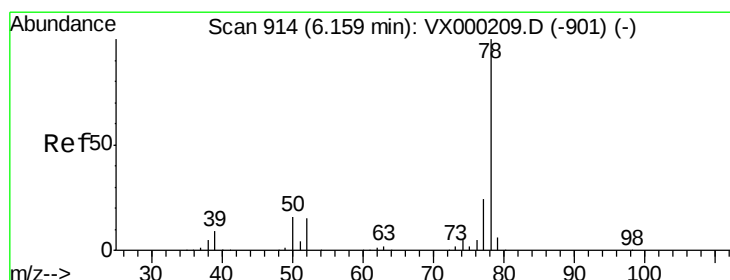
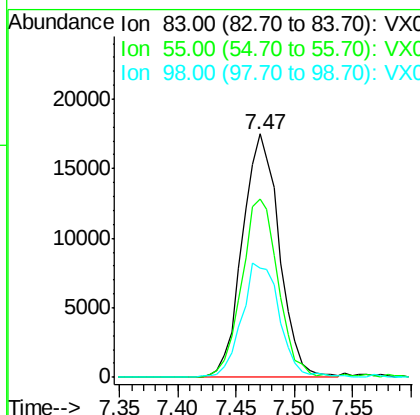
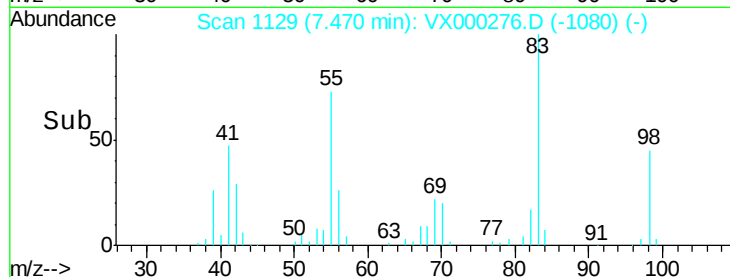
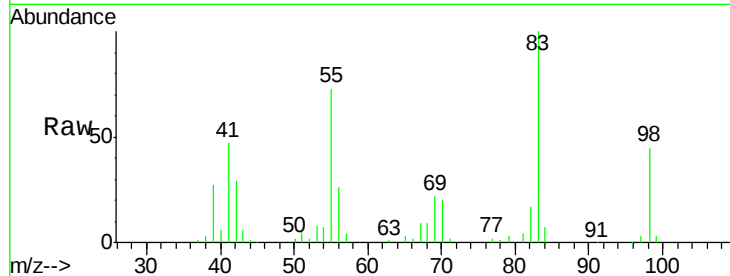
#39
Methvlcvclohexane
Concen: 17.03 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	73.2	59.4	89.0	
98	44.6	36.3	54.5	

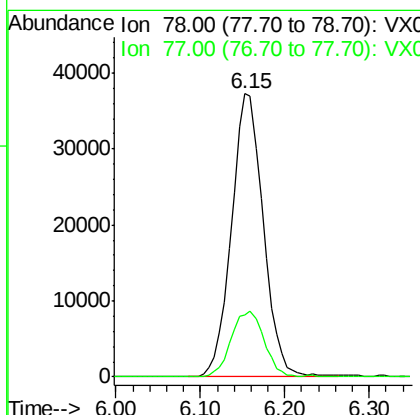
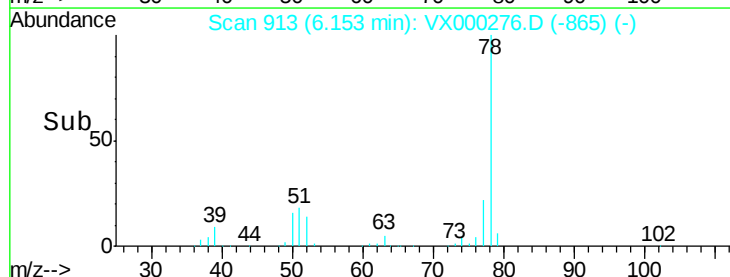
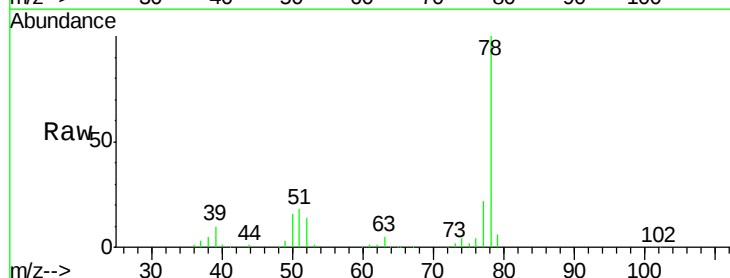
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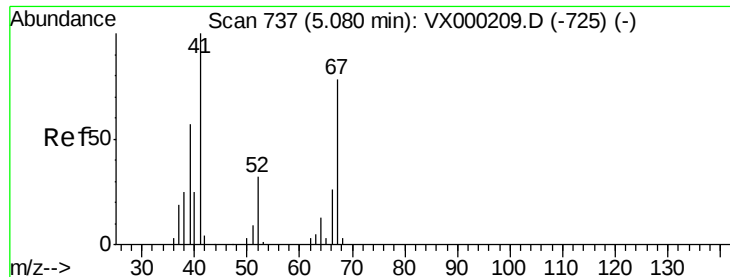
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#40
Benzene
Concen: 17.84 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

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





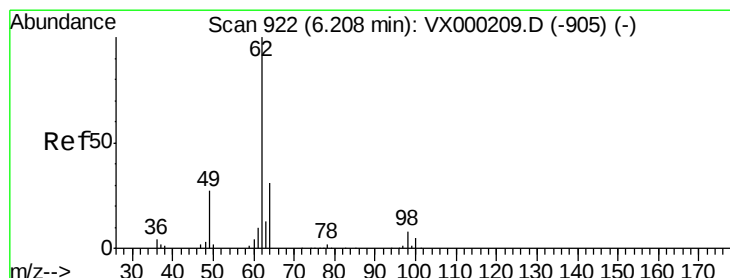
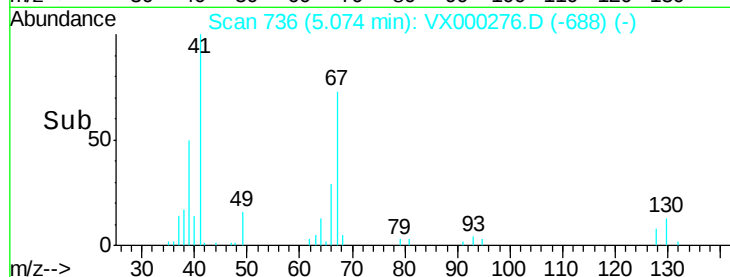
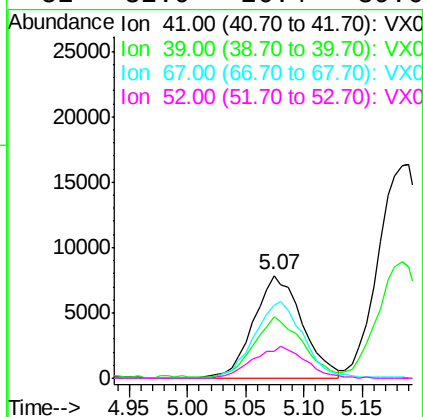
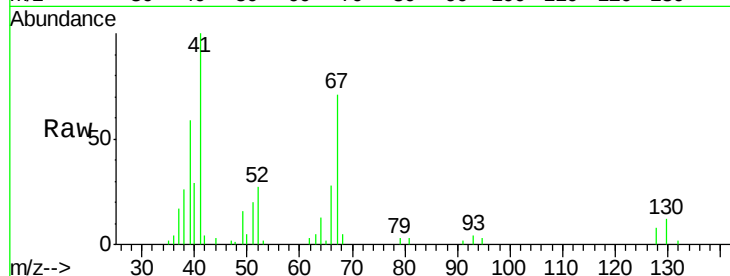
#41
Methacrylonitrile
Concen: 16.67 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.9	47.8	71.6	
67	75.2	59.3	88.9	
52	32.9	26.4	39.6	

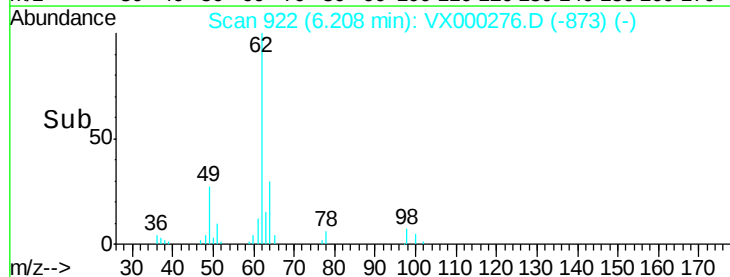
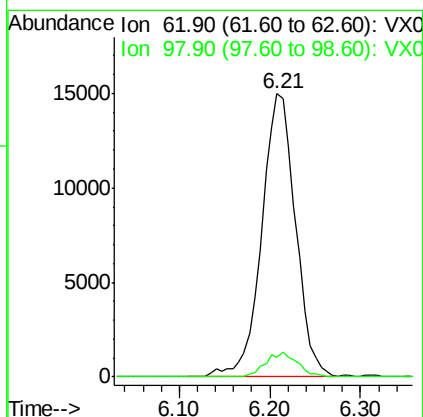
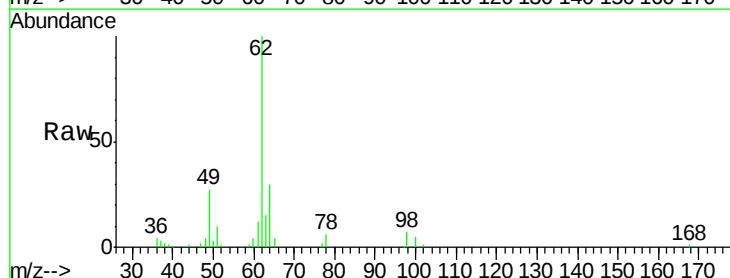
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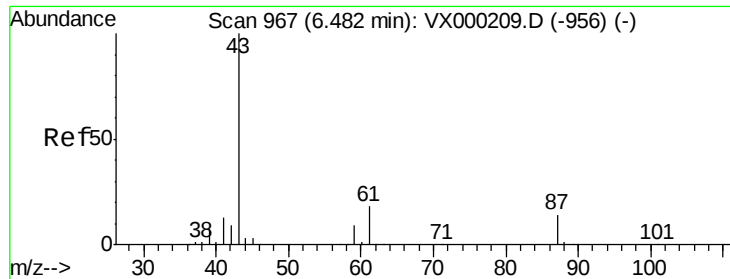
apatel
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#42
1,2-Dichloroethane
Concen: 18.49 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	16.2	





#43

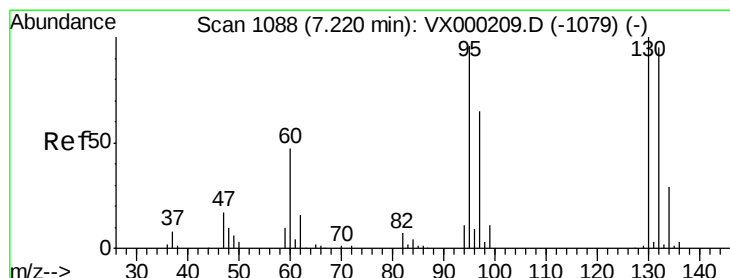
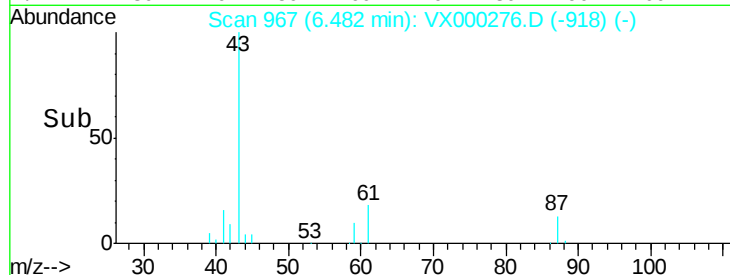
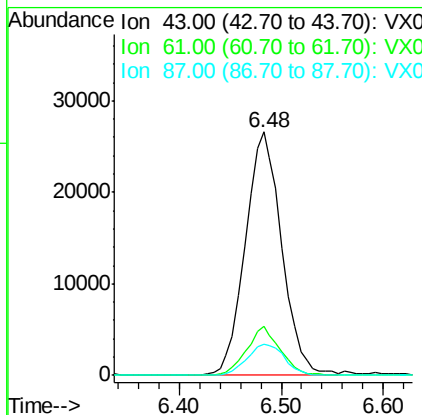
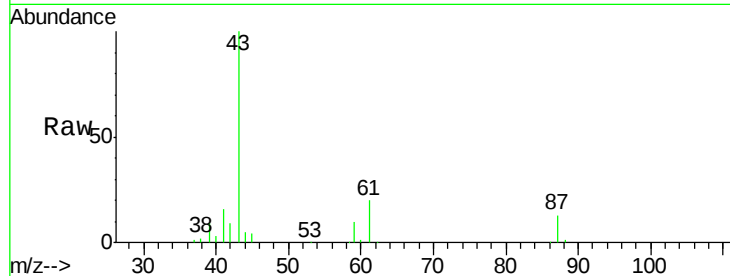
Isopropyl Acetate
 Concen: 17.08 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Instrument :
 MSVOA_X
 ClientSampled :
 VX0312WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.8	22.2
87	13.1	10.6	16.0

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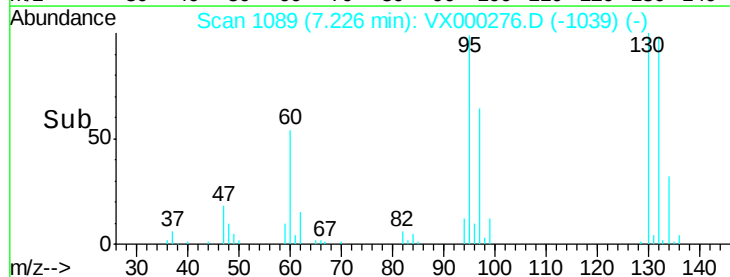
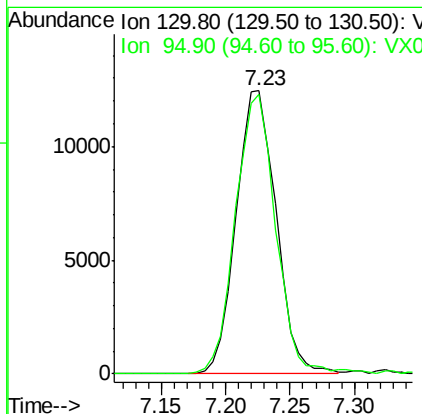
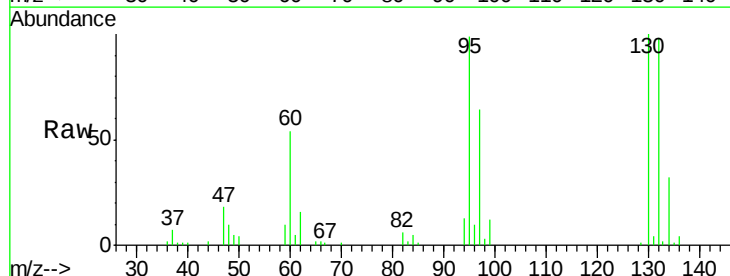
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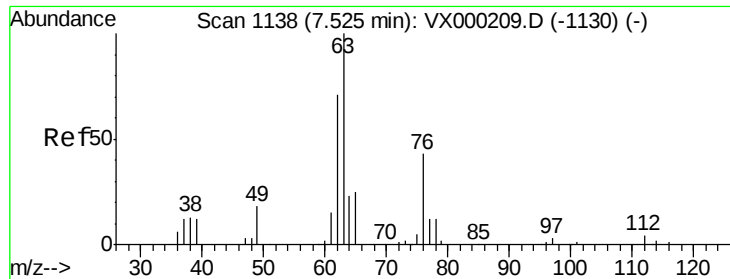


#44

Trichloroethene
 Concen: 17.54 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	191.8





#45

1,2-Dichloropropane

Concen: 18.13 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

Tot Ion: 63 Resp: 24505

Ion Ratio Lower Upper

63 100

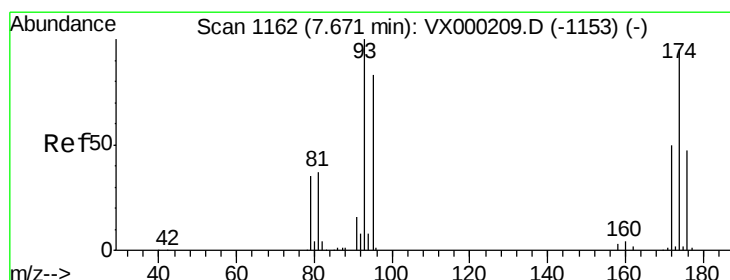
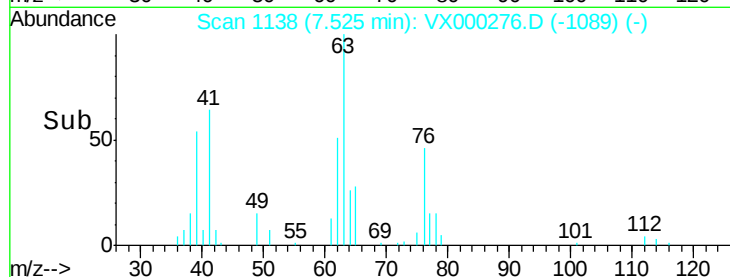
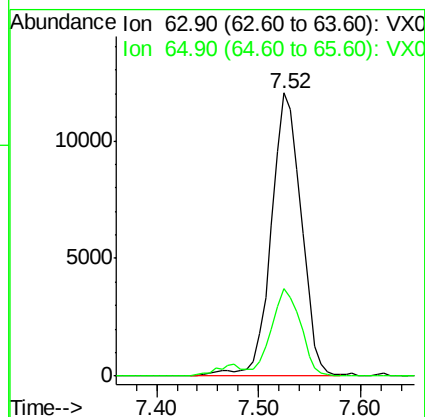
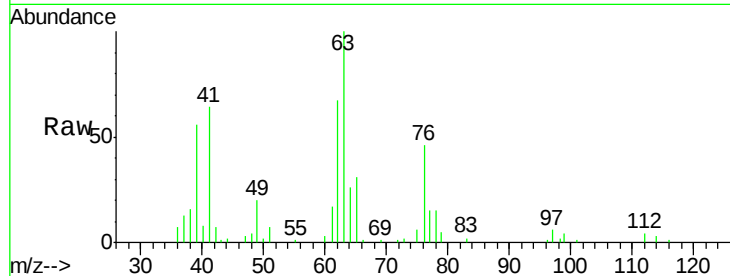
65 30.8 22.3 33.5

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#46

Dibromomethane

Concen: 17.58 ug/l

RT: 7.68 min Scan# 1163

Delta R.T. 0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

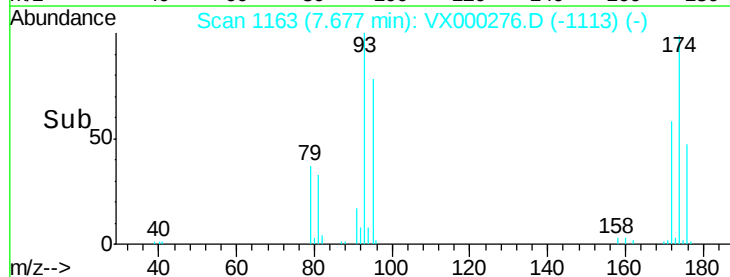
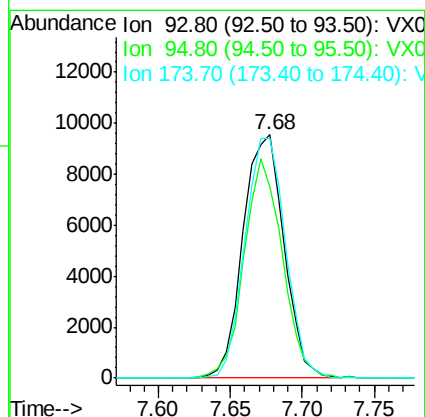
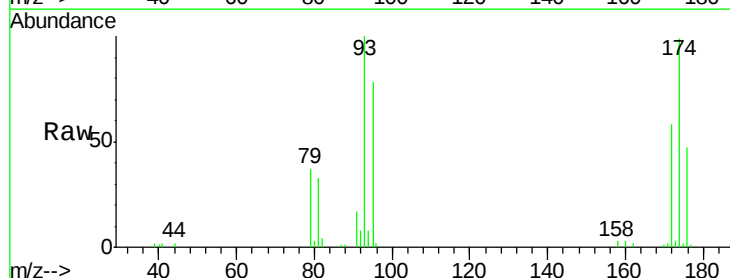
Tgt Ion: 93 Resp: 18797

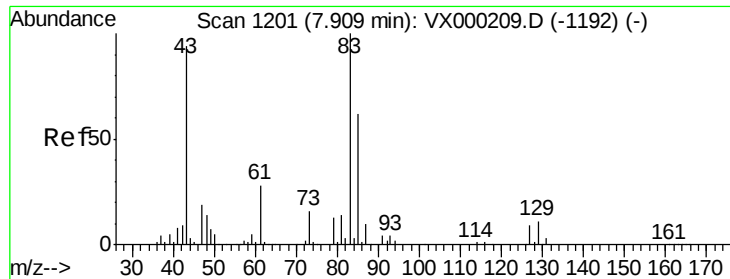
Ion Ratio Lower Upper

93 100

95 84.4 64.1 96.1

174 97.7 75.8 113.8





#47

Bromodichloromethane

Concen: 18.30 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

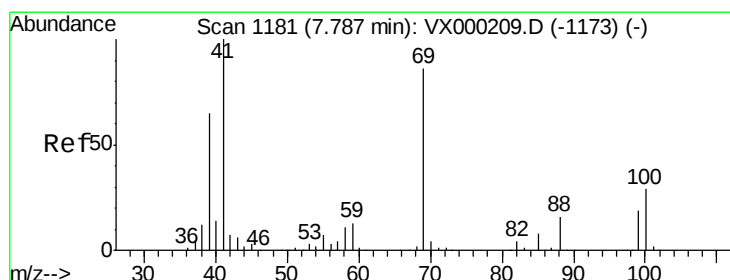
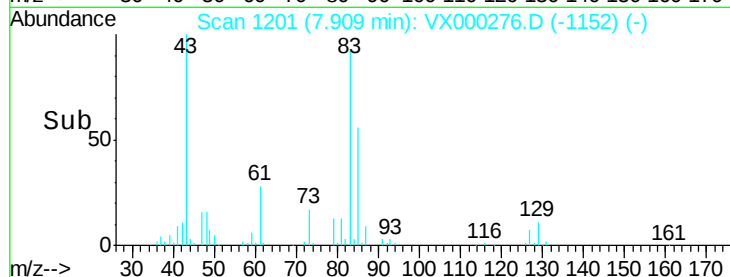
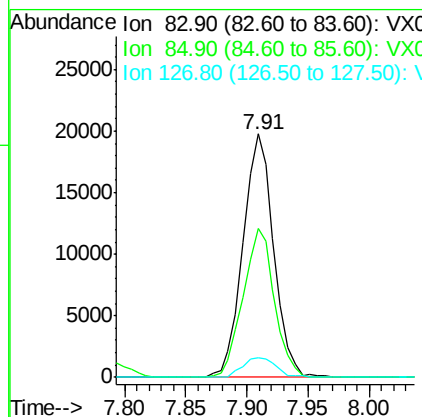
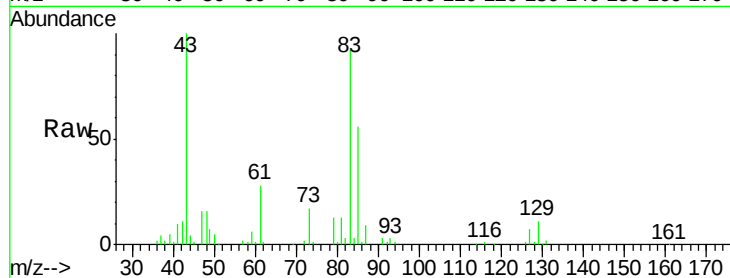
ClientSampleId :

VX0312WBSD01

Tot Ion:	83	Resp:	34412
Ion Ratio	Lower	Upper	
83	100		
85	61.2	49.6	74.4
127	7.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 17.15 ug/l

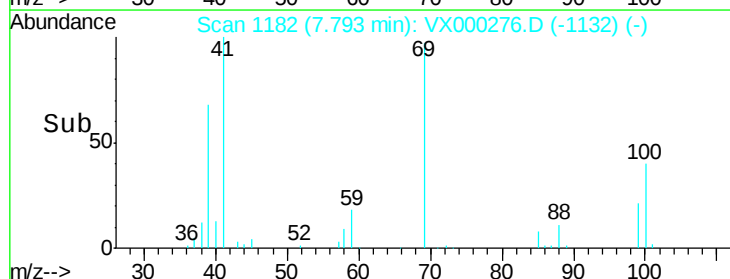
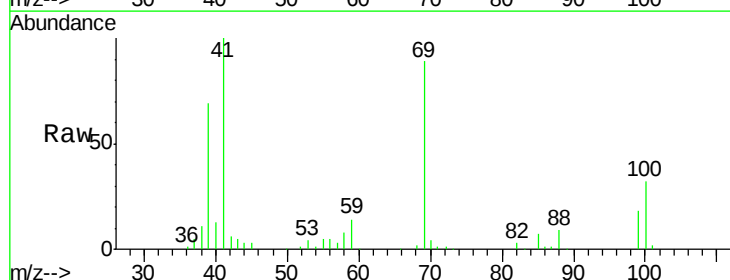
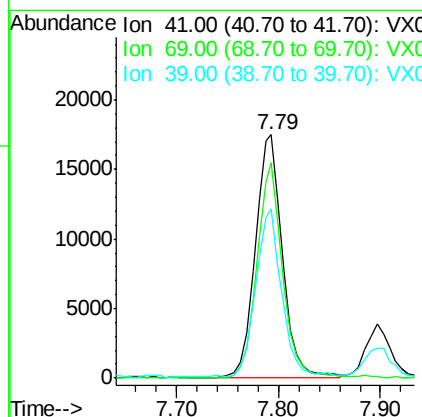
RT: 7.79 min Scan# 1182

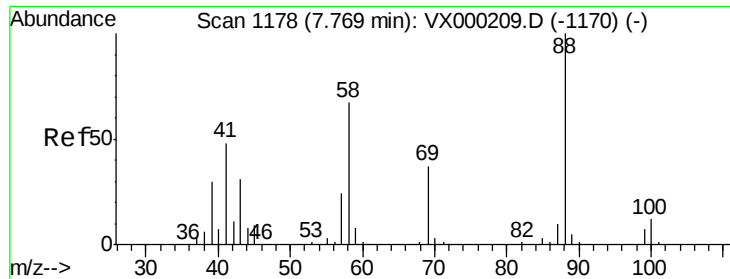
Delta R.T. 0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Tgt Ion:	41	Resp:	32649
Ion Ratio	Lower	Upper	
41	100		
69	83.2	70.0	105.0
39	65.5	53.6	80.4





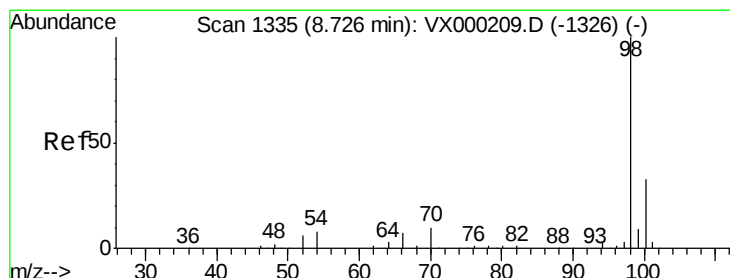
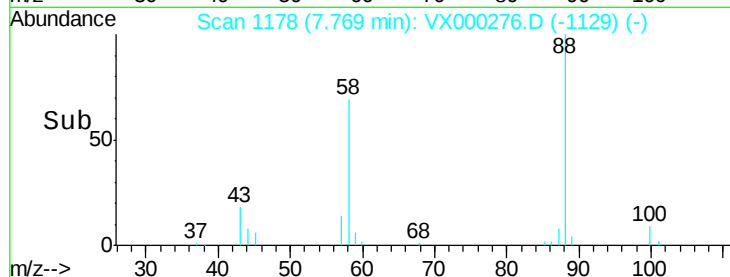
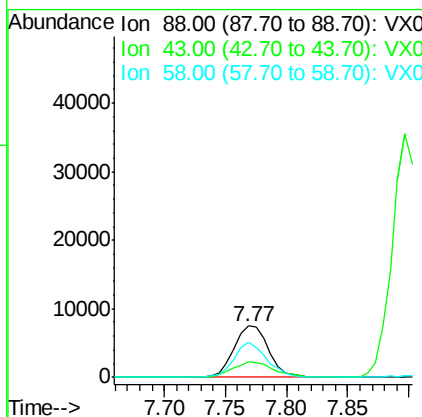
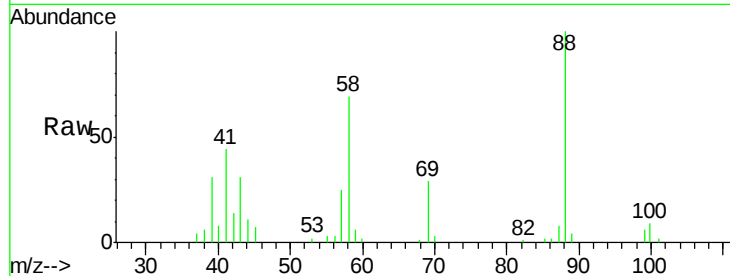
#49
1,4-Dioxane
Concen: 342.59 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	26.9	40.3
58	64.1	52.2	78.4

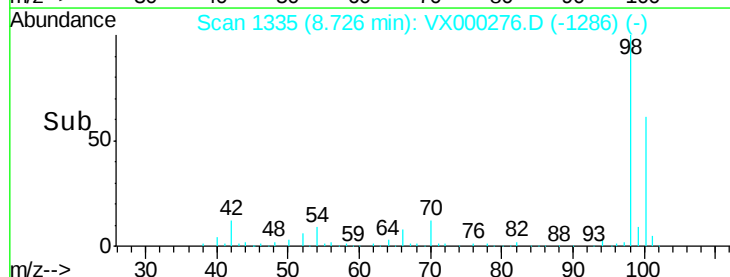
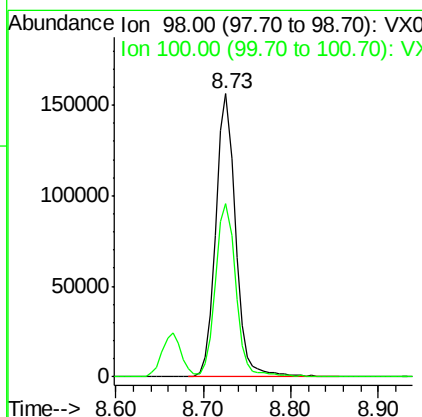
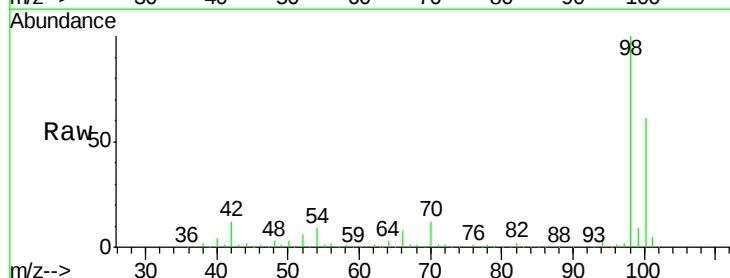
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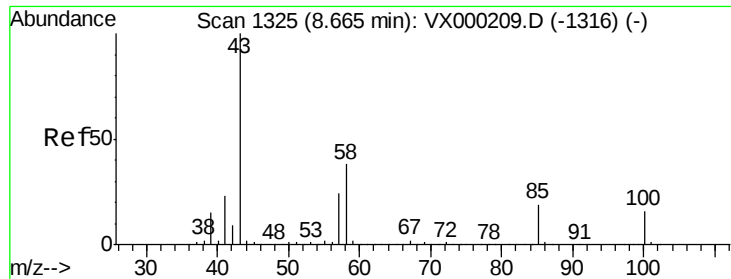
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#50
Toluene-d8
Concen: 45.33 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 86.61 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampled :

VX0312WBSD01

Tot Ion: 43 Resp: 252691

Ion Ratio Lower Upper

43 100

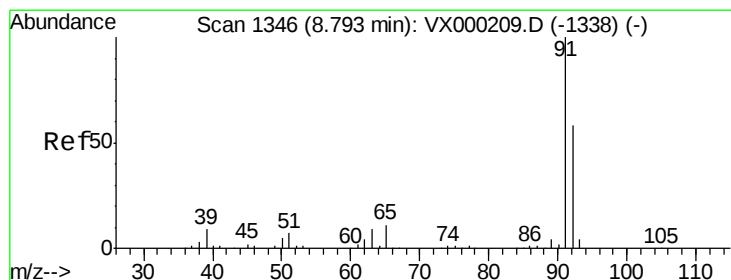
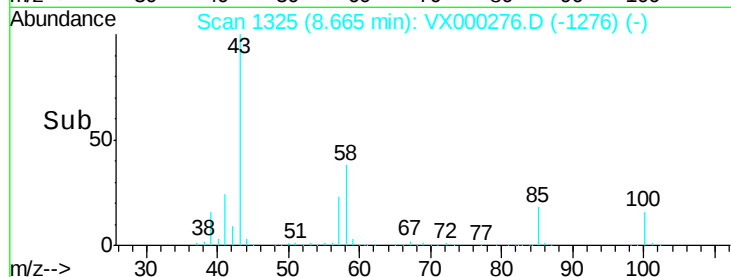
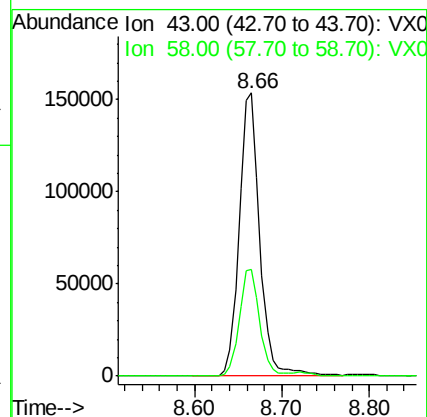
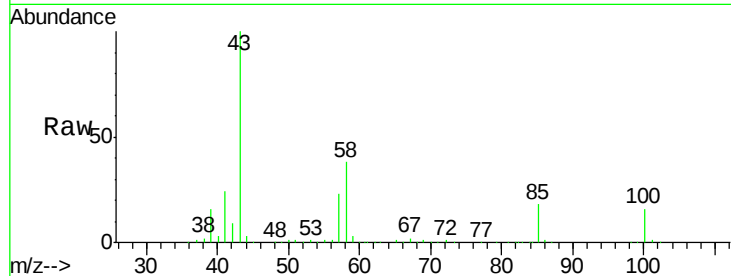
58 37.1 30.2 45.2

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#52

Toluene

Concen: 17.97 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000276.D

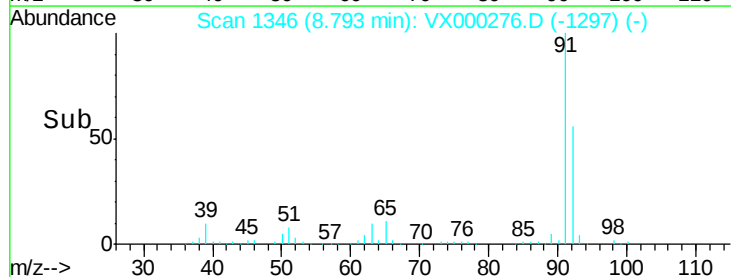
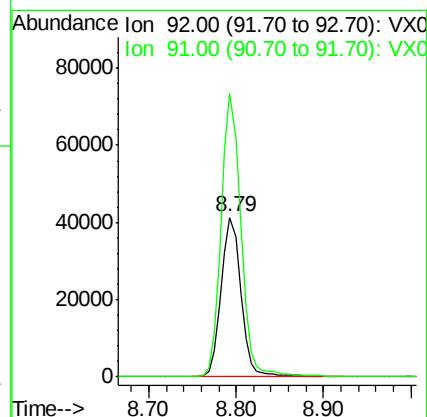
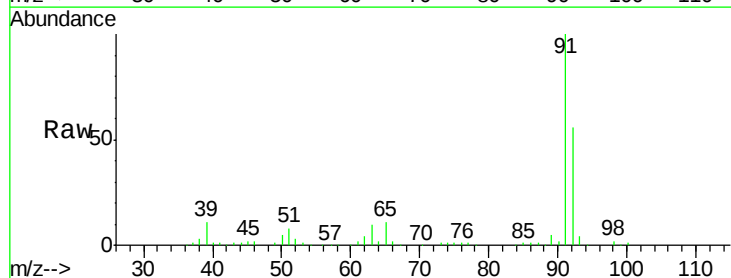
Acq: 12 Mar 2018 13:48

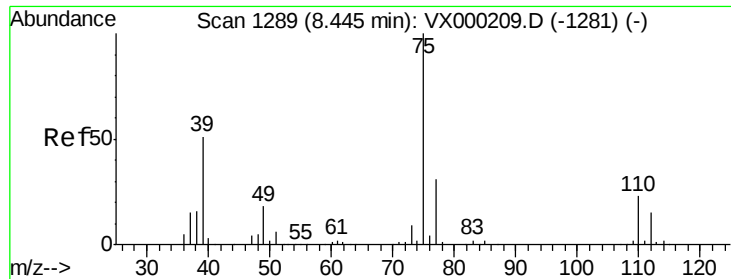
Tgt Ion: 92 Resp: 65706

Ion Ratio Lower Upper

92 100

91 174.8 139.0 208.6





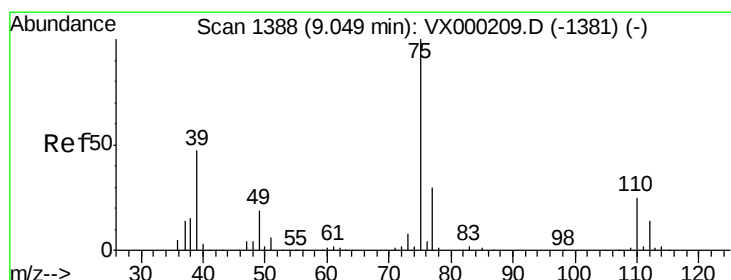
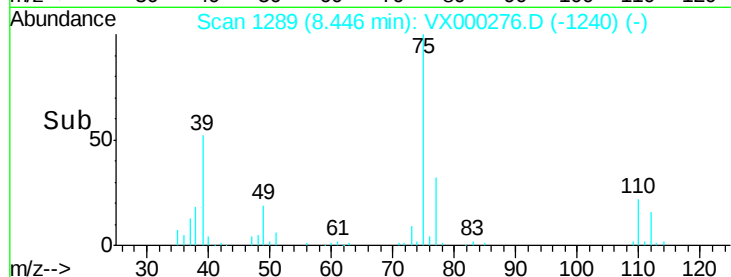
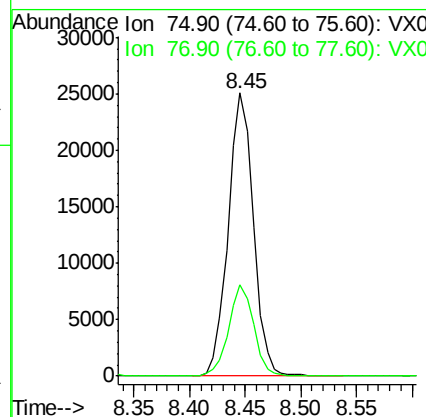
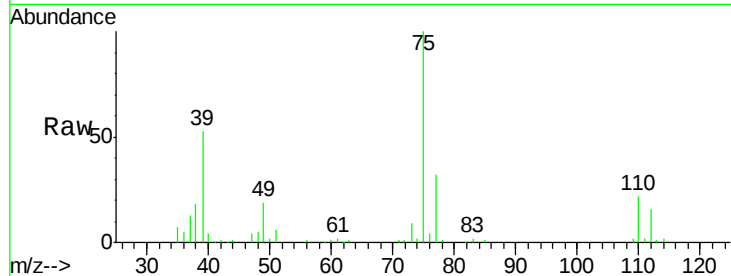
#53
t-1,3-Dichloropropene
Concen: 17.78 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Tot Ion: 75 Resp: 39402
Ion Ratio Lower Upper
75 100
77 32.4 24.8 37.2

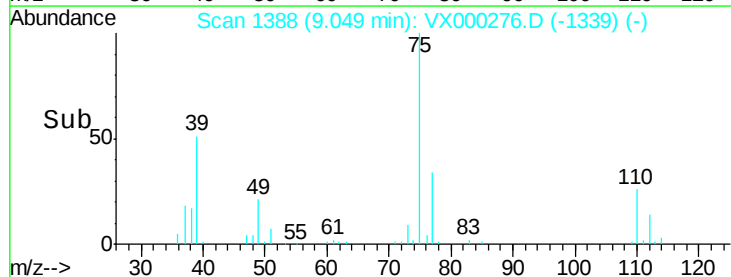
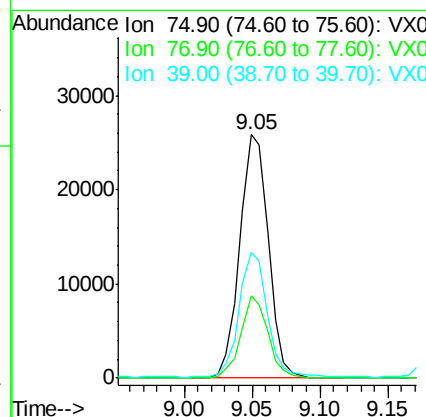
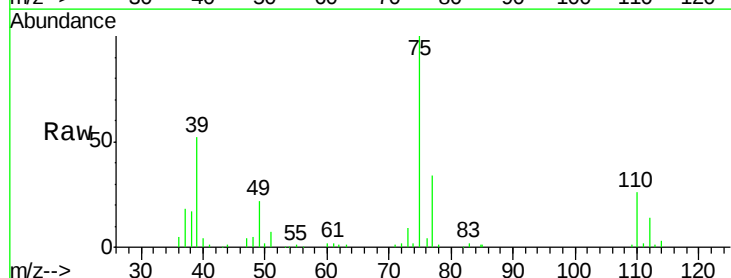
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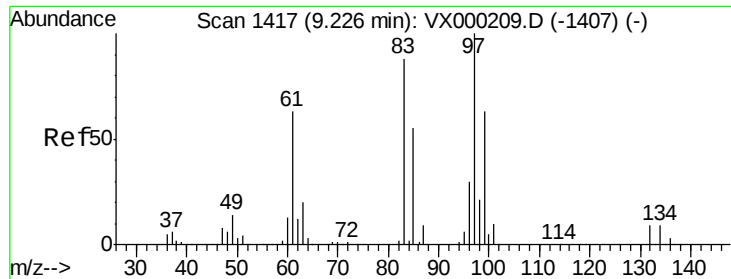
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#54
cis-1,3-Dichloropropene
Concen: 17.72 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion: 75 Resp: 37996
Ion Ratio Lower Upper
75 100
77 33.9 23.9 35.9
39 51.2 37.4 56.2





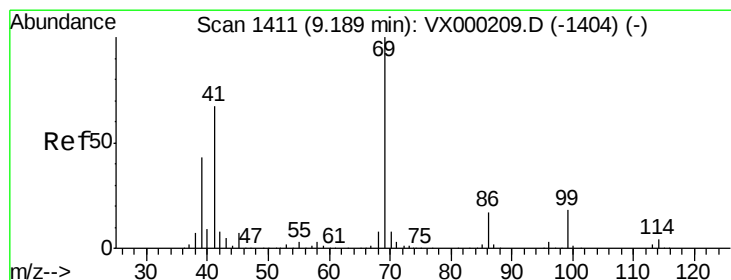
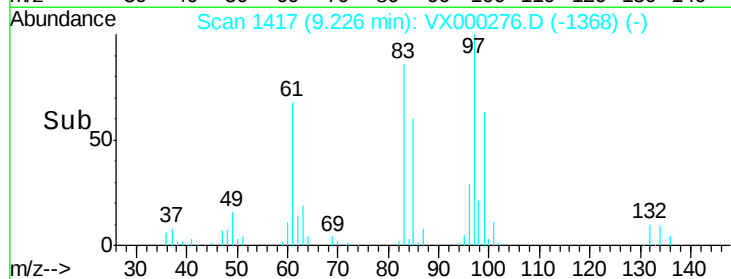
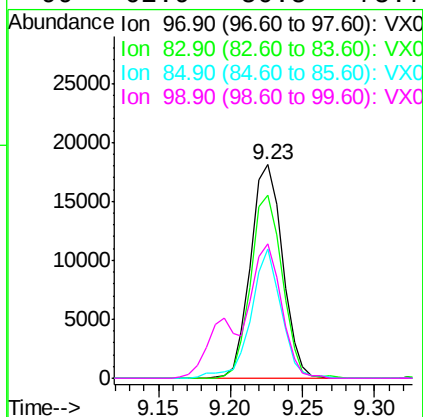
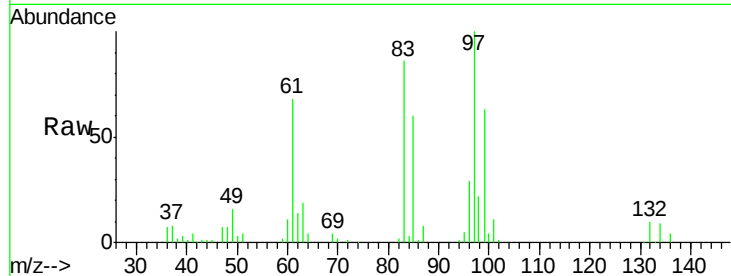
#55
 1,1,2-Trichloroethane
 Concen: 18.78 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBSD01

Tot Ion:	97	Resp:	27820
Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.4	105.6
85	60.2	43.9	65.9
99	62.9	50.5	75.7

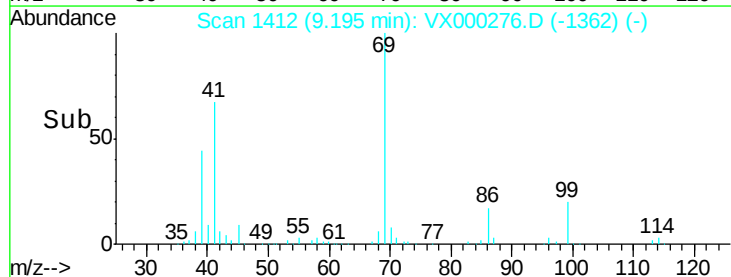
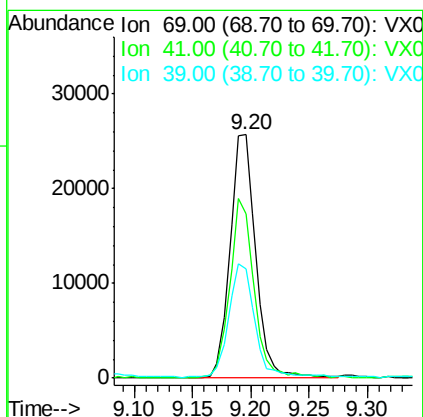
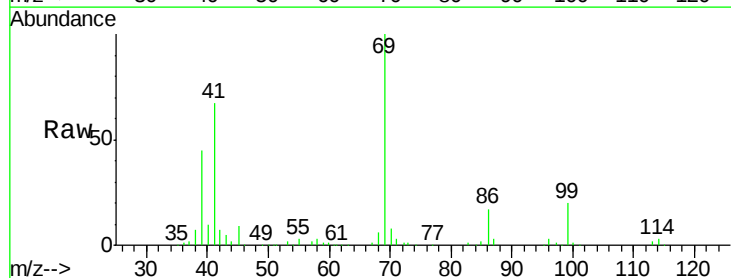
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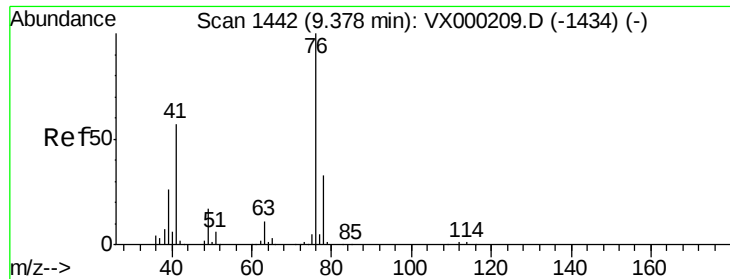
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#56
 Ethyl methacrylate
 Concen: 17.85 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Tgt Ion:	69	Resp:	39562
Ion	Ratio	Lower	Upper
69	100		
41	68.4	52.2	78.2
39	46.4	34.3	51.5





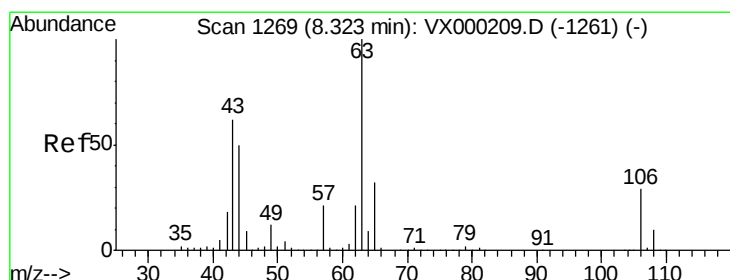
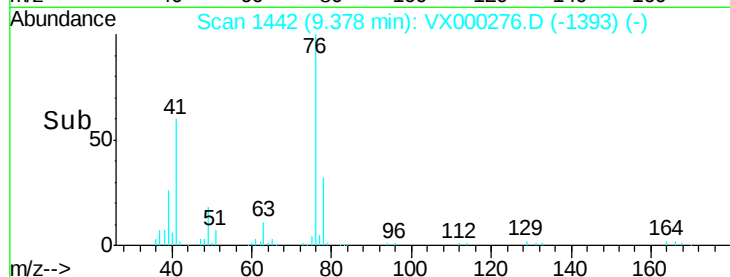
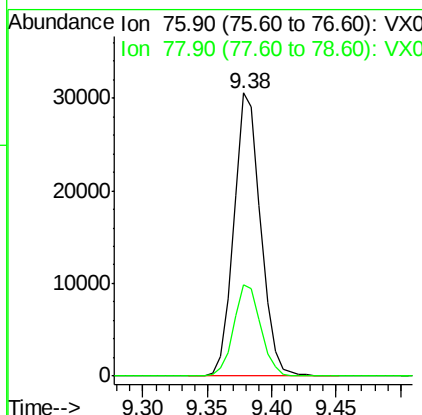
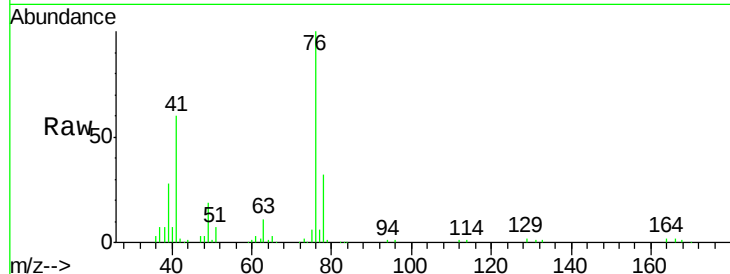
#57
 1,3-Dichloropropane
 Concen: 17.77 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBSD01

Tot Ion: 76 Resp: 44197
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2

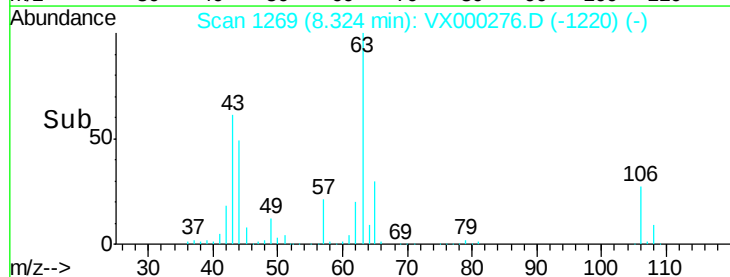
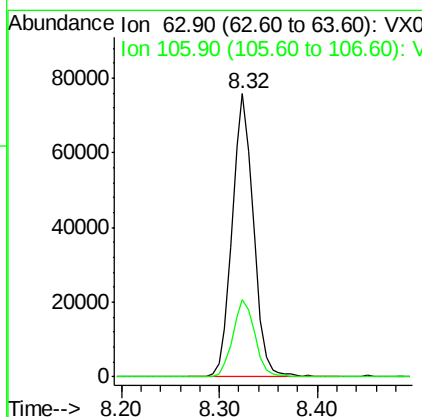
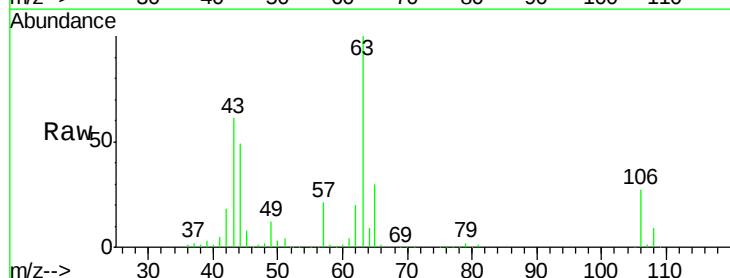
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#58
 2-Chloroethyl Vinyl ether
 Concen: 102.33 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Tgt Ion: 63 Resp: 114515
 Ion Ratio Lower Upper
 63 100
 106 28.2 23.2 34.8





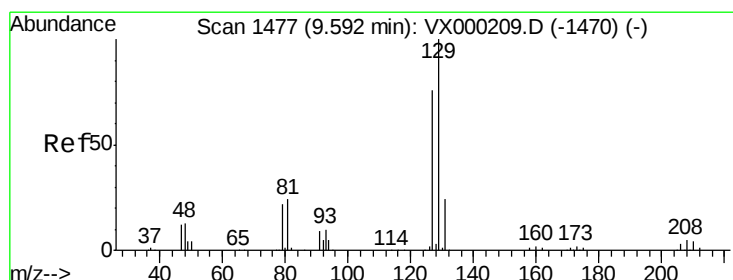
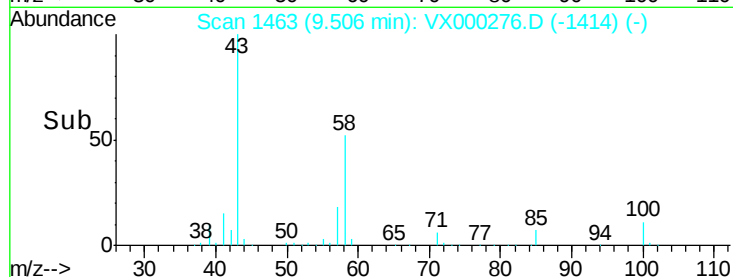
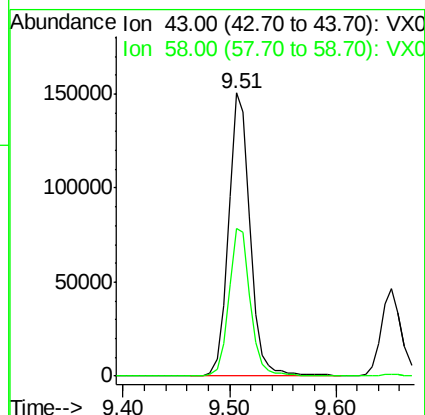
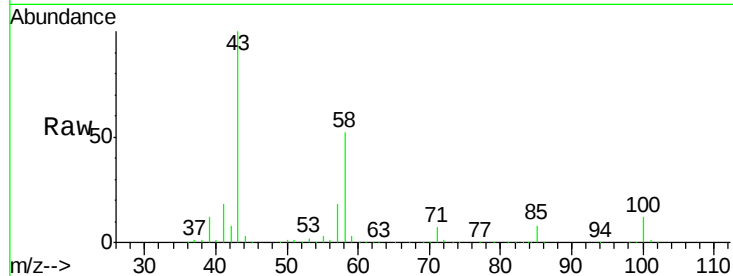
#59
2-Hexanone
Concen: 85.90 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Tot Ion: 43 Resp: 213697
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.7

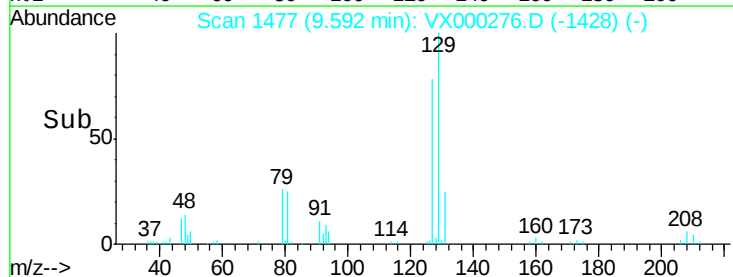
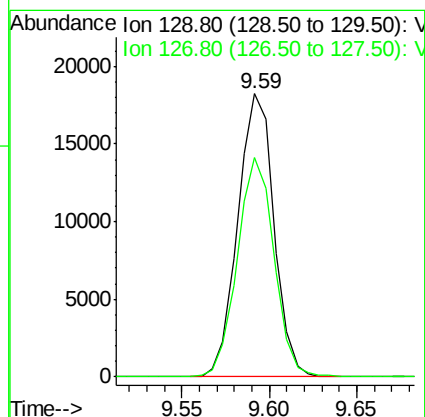
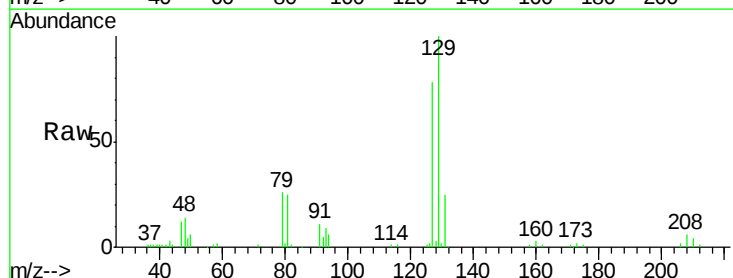
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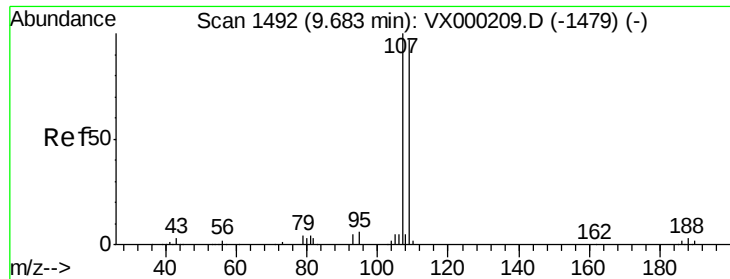
apatel
3/13/2018 10:58:41 AM



#60
Dibromochloromethane
Concen: 16.73 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion: 129 Resp: 26124
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.03 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

Tot Ion:107 Resp: 29649

Ion Ratio Lower Upper

107 100

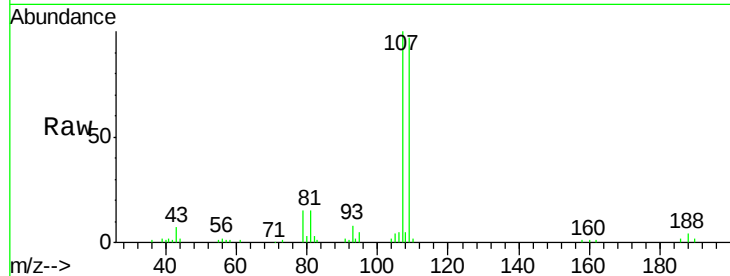
109 95.4 76.8 115.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

25000

20000

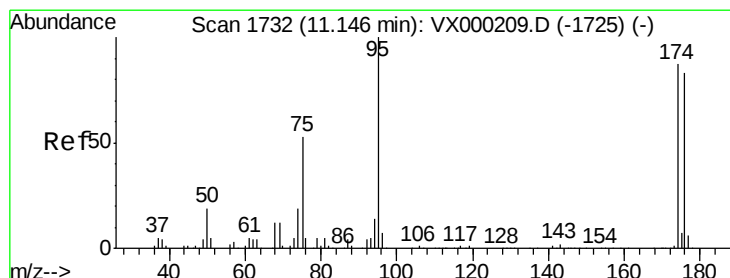
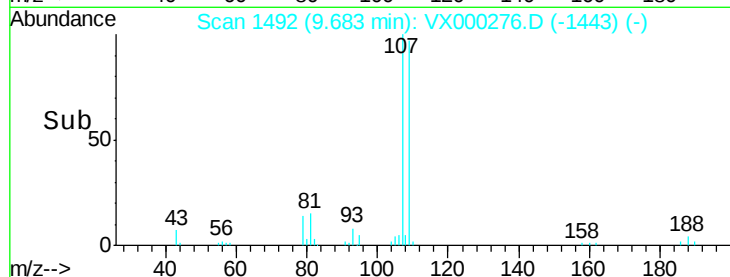
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.58 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

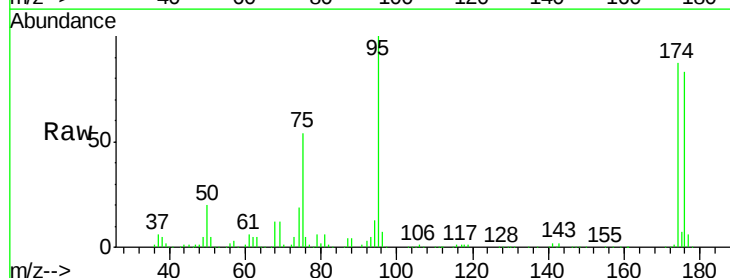
Tgt Ion: 95 Resp: 94109

Ion Ratio Lower Upper

95 100

174 87.1 0.0 175.6

176 82.7 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

11.15

100000

80000

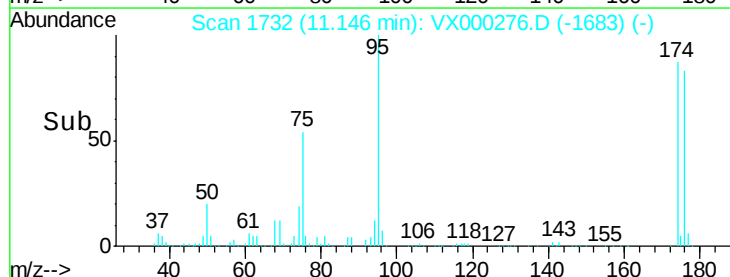
60000

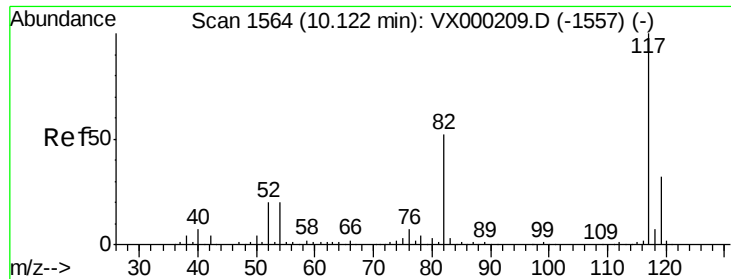
40000

20000

0

Time-->





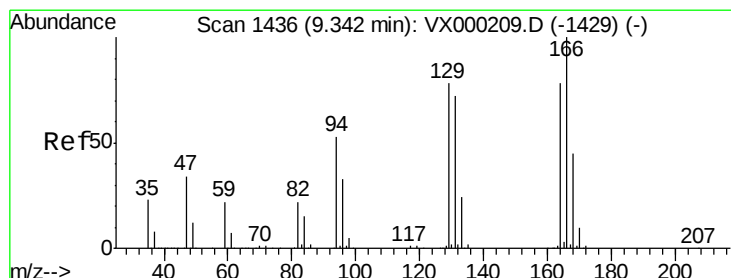
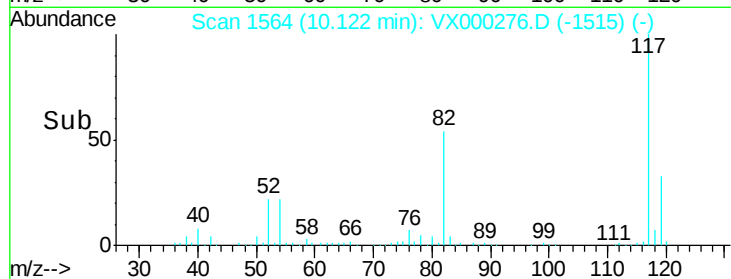
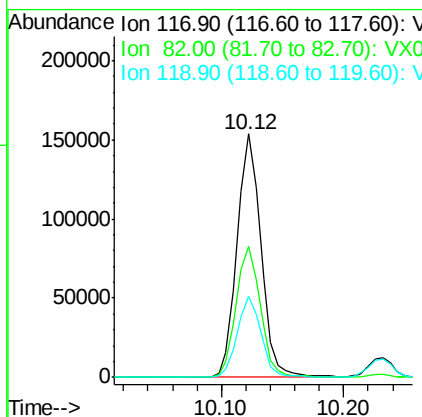
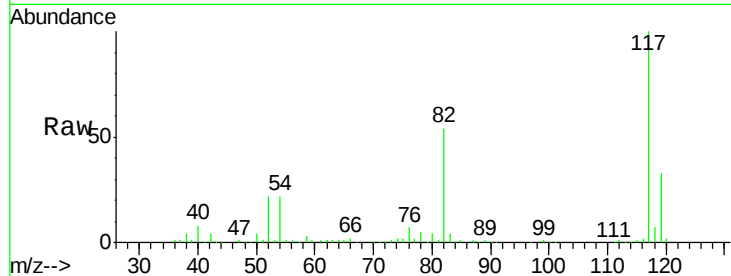
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.0	63.0
119	33.2	25.3	37.9

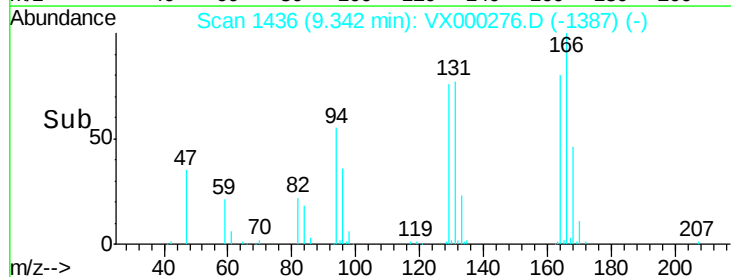
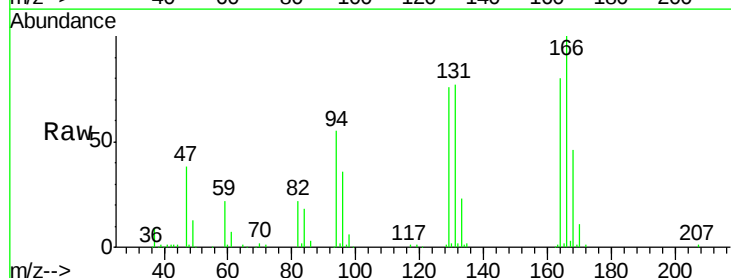
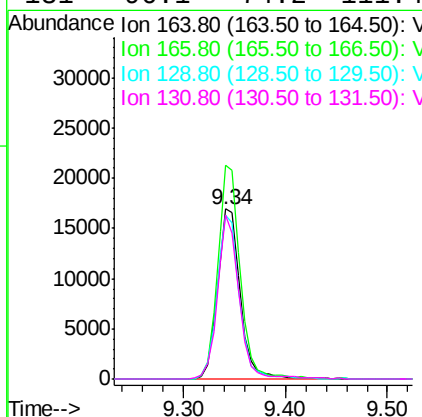
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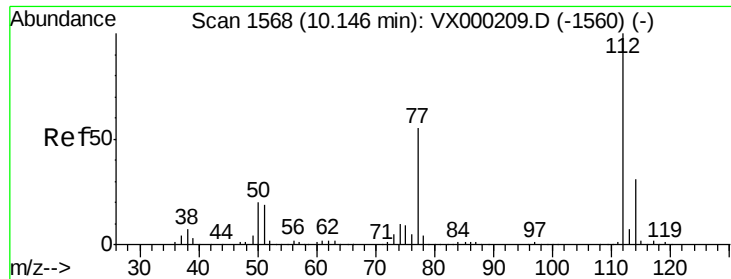
apatel
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#64
Tetrachloroethene
Concen: 18.15 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	103.0	154.6
129	96.0	80.2	120.4
131	96.1	74.2	111.4





#65

Chlorobenzene

Concen: 18.46 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

Tot Ion:112 Resp: 77874

Ion Ratio Lower Upper

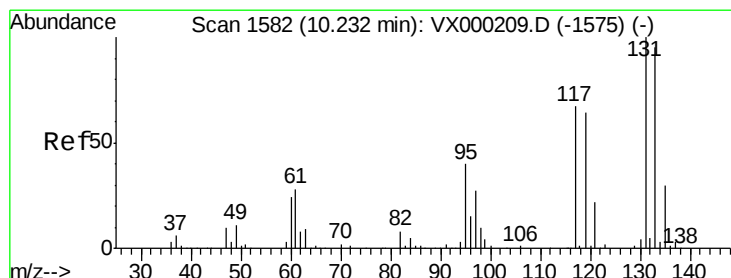
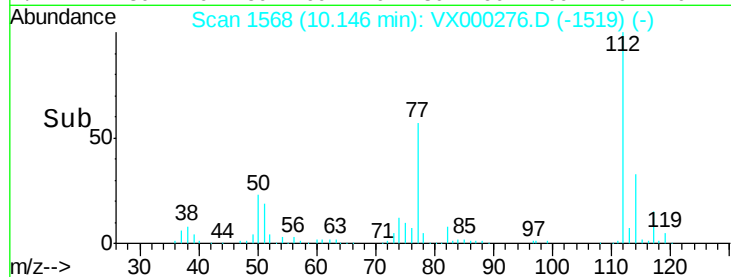
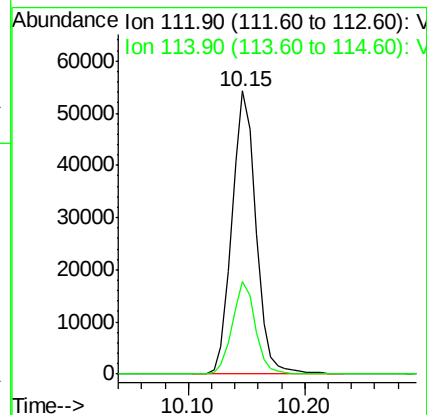
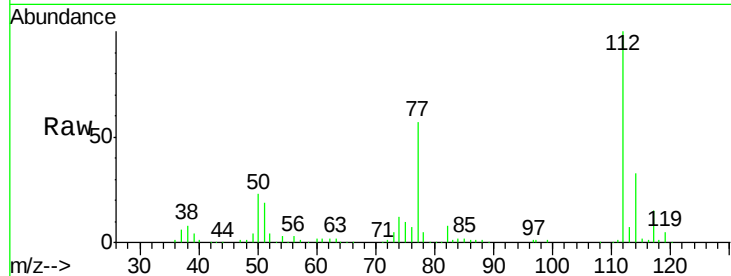
112 100

114 32.7 25.0 37.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 17.80 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

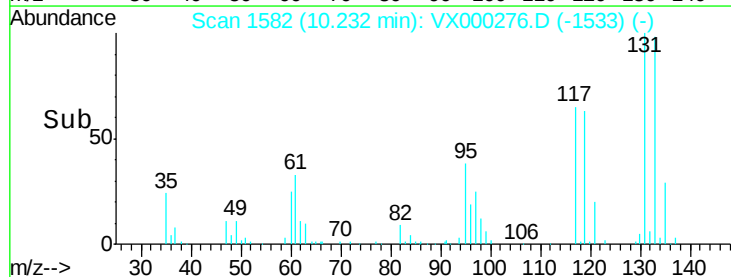
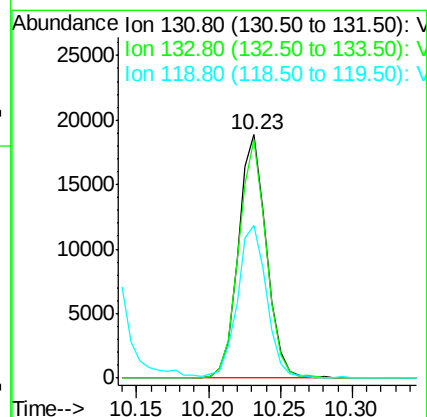
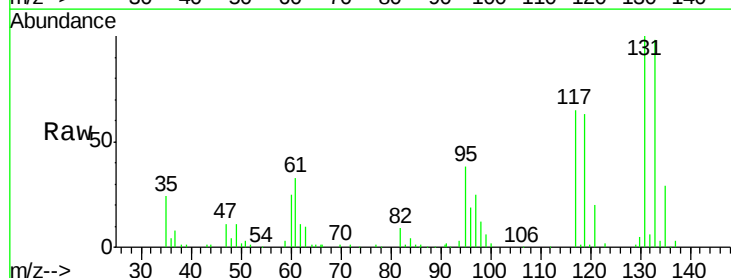
Tgt Ion:131 Resp: 25672

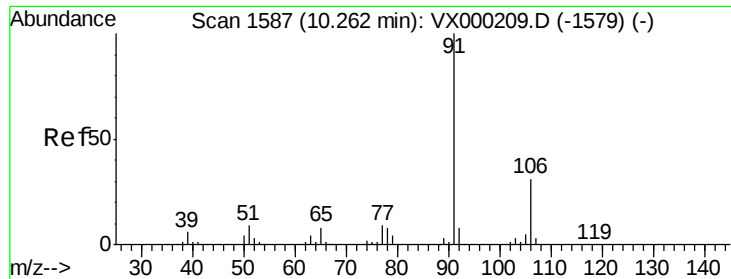
Ion Ratio Lower Upper

131 100

133 96.9 48.3 144.9

119 65.4 32.3 96.8





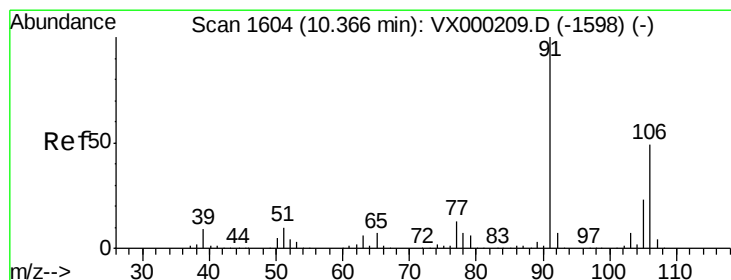
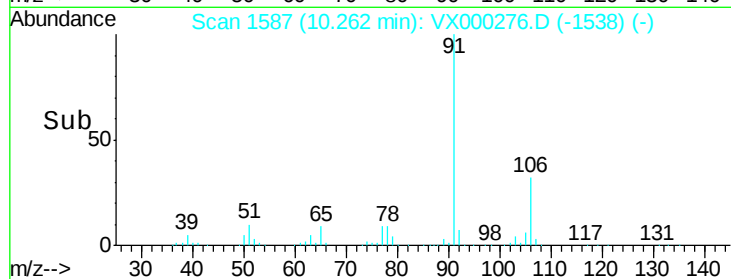
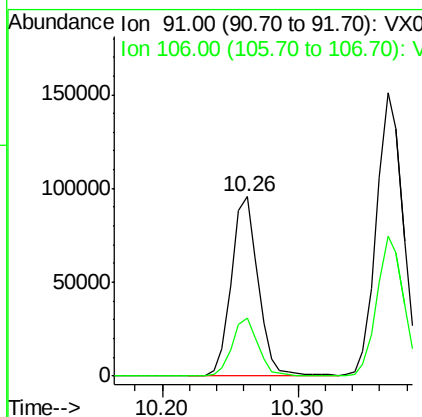
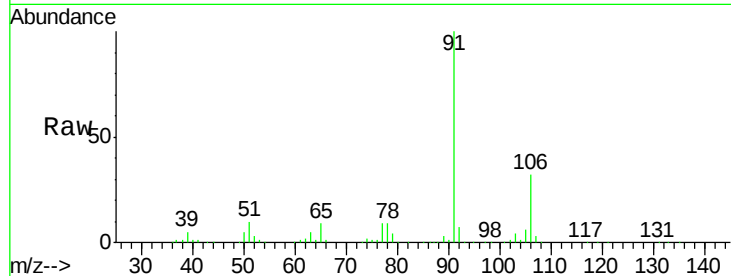
#67
Ethyl Benzene
Concen: 17.93 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampled :
VX0312WBSD01

Tot Ion: 91 Resp: 131998
Ion Ratio Lower Upper
91 100
106 32.4 25.2 37.8

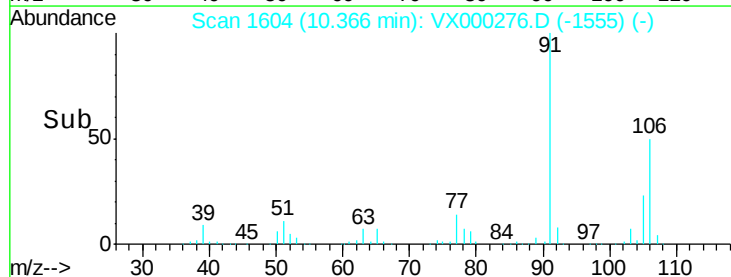
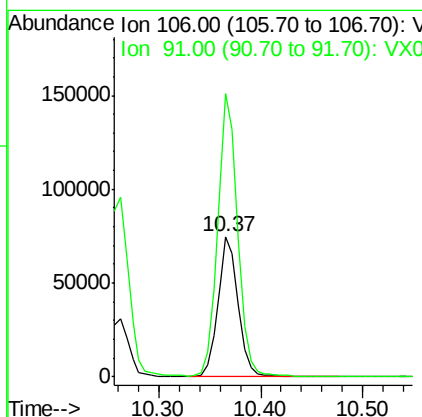
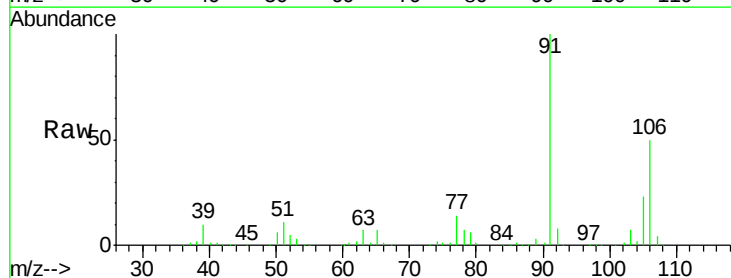
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#68
m/p-Xylenes
Concen: 36.65 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion: 106 Resp: 103853
Ion Ratio Lower Upper
106 100
91 201.5 160.9 241.3





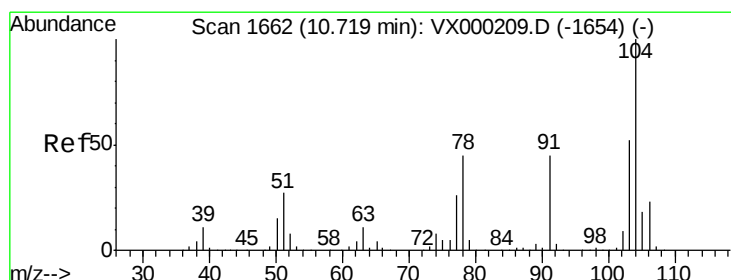
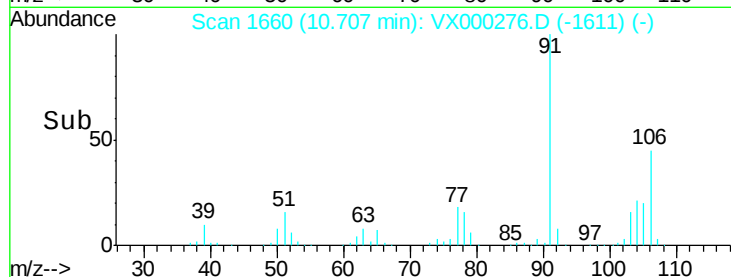
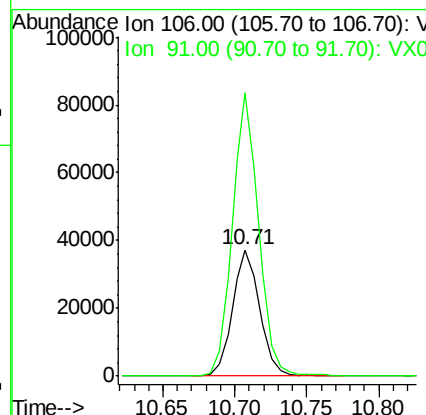
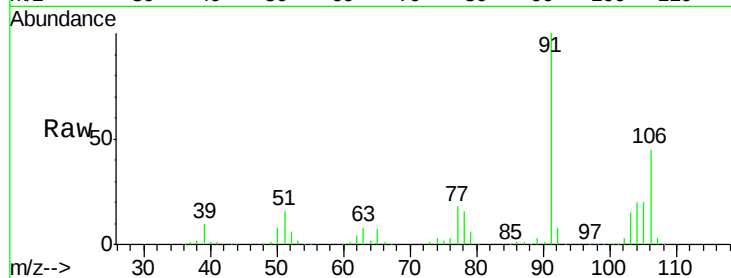
#69
o-Xylene
Concen: 18.14 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Tot Ion:106 Resp: 49393
Ion Ratio Lower Upper
106 100
91 217.0 105.9 317.7

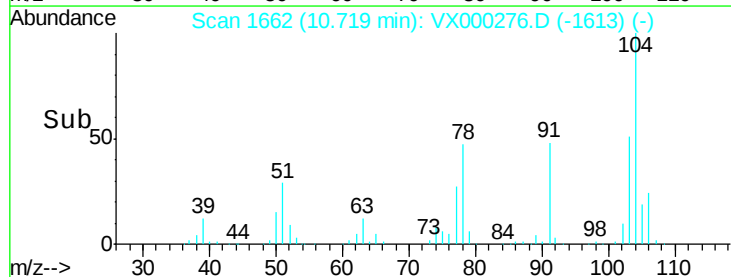
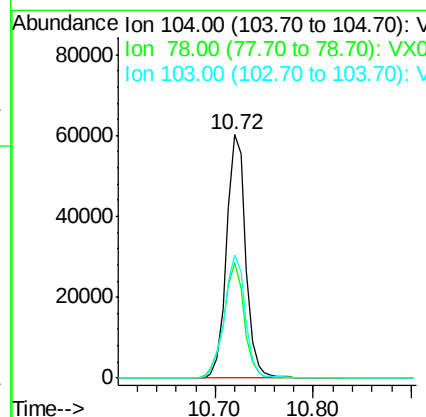
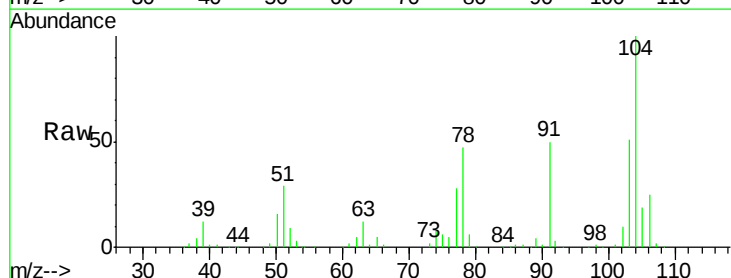
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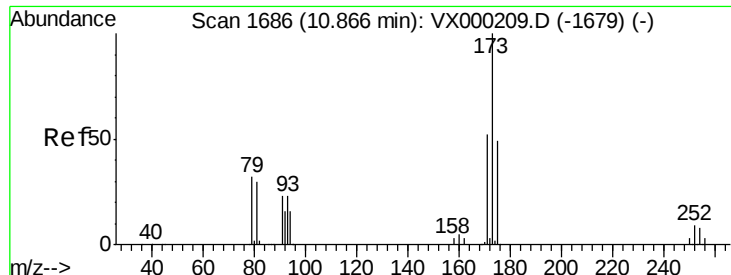
apatel
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#70
Styrene
Concen: 18.18 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion:104 Resp: 82114
Ion Ratio Lower Upper
104 100
78 50.3 39.6 59.4
103 55.3 45.0 67.6





#71

Bromoform

Concen: 15.86 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

Tot Ion:173 Resp: 19997

Ion Ratio Lower Upper

173 100

175 47.7 24.4 73.2

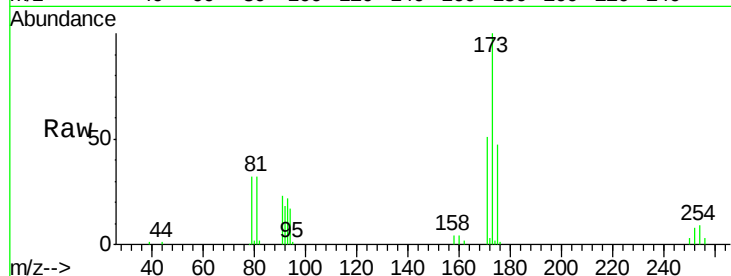
254 0.0 0.2 0.2#

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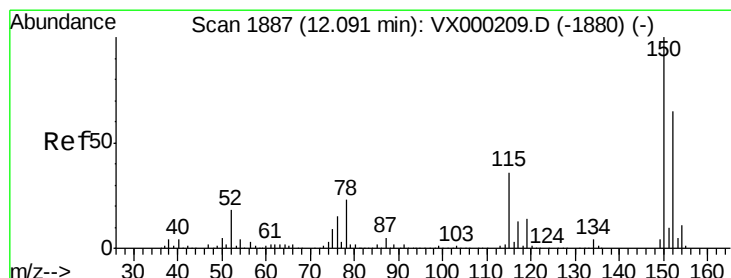
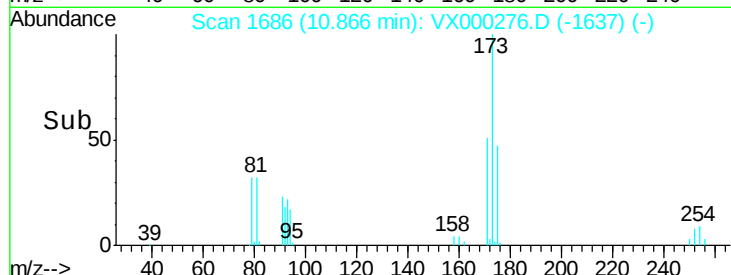
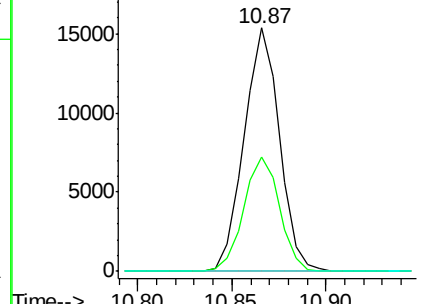
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX000276.D

Acq: 12 Mar 2018 13:48

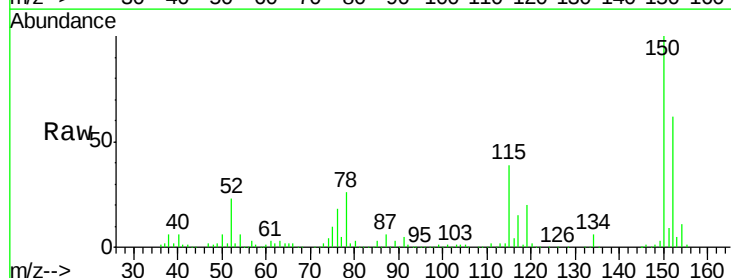
Tgt Ion:152 Resp: 121148

Ion Ratio Lower Upper

152 100

115 66.4 39.8 119.3

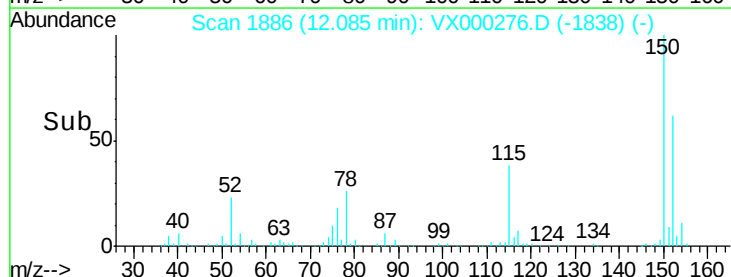
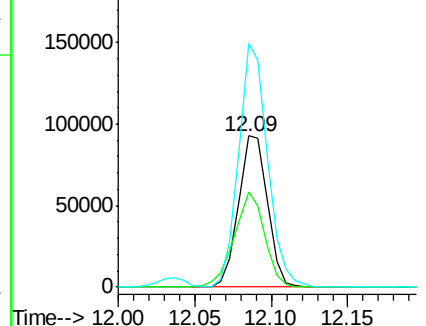
150 161.3 0.0 345.0



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: 17.74 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

Tot Ion:105 Resp: 134589

Ion Ratio Lower Upper

105 100

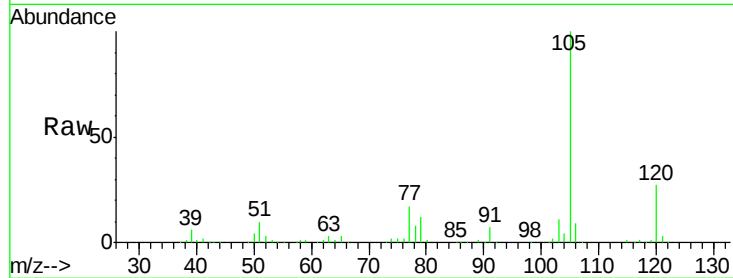
120 26.7 13.5 40.4

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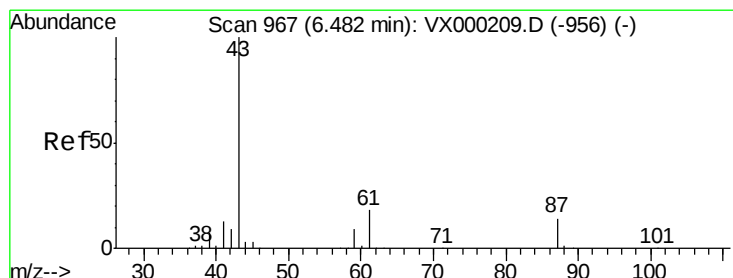
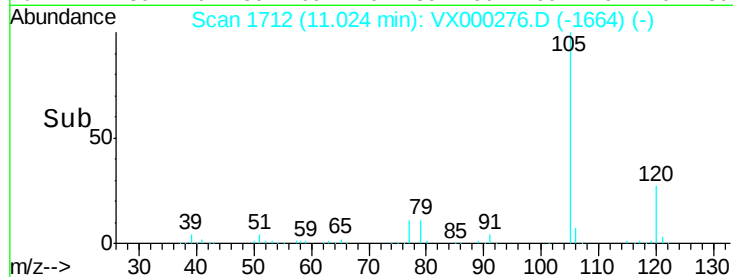
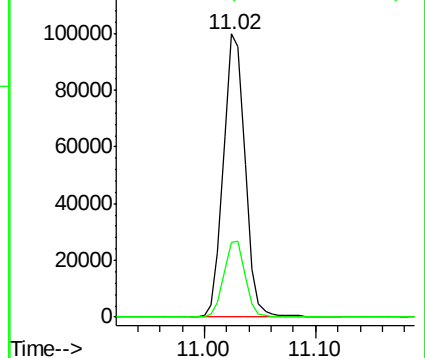
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.01 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Tgt Ion: 43 Resp: 66004

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

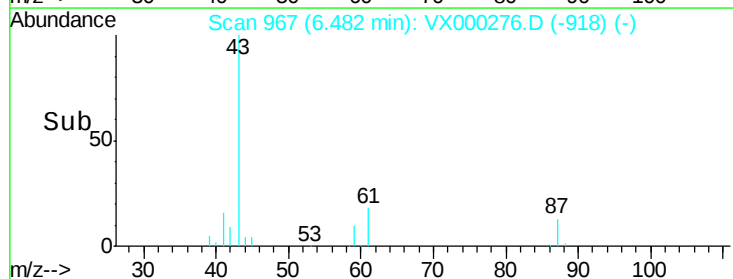
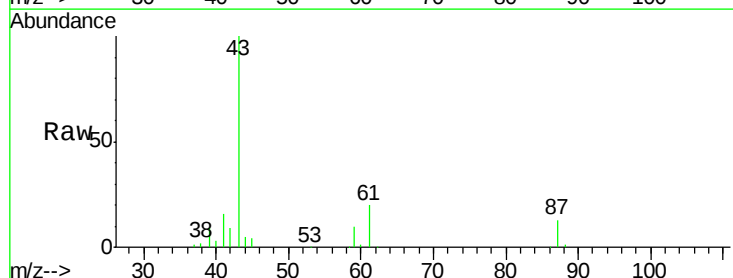
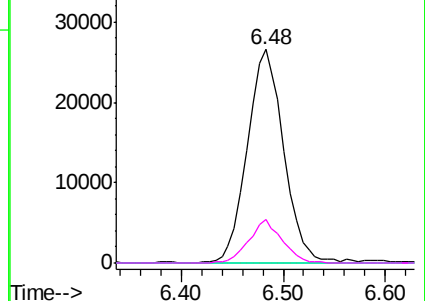
61 18.6 14.8 22.2

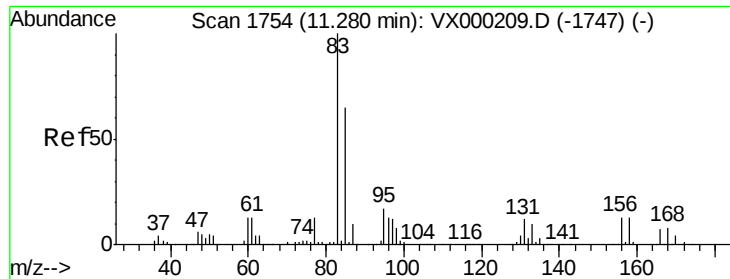
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.24 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

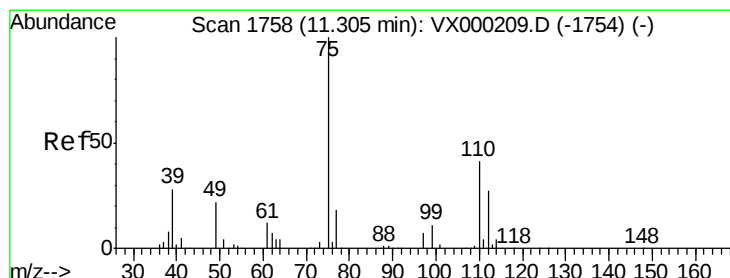
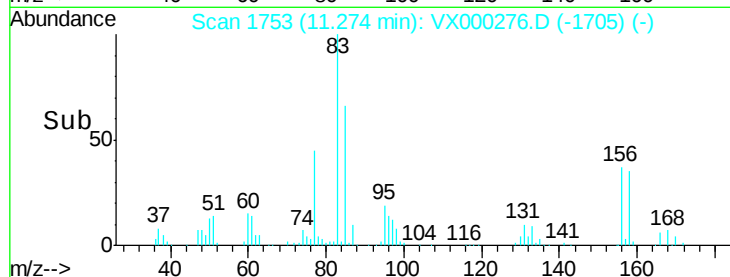
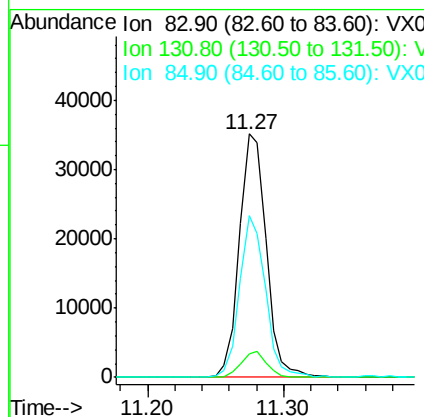
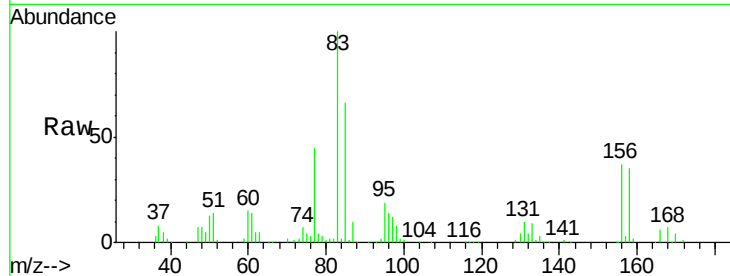
ClientSampleId :

VX0312WBSD01

Tot Ion:	83	Resp:	48496
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.5	16.5
85	63.9	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 17.60 ug/l m

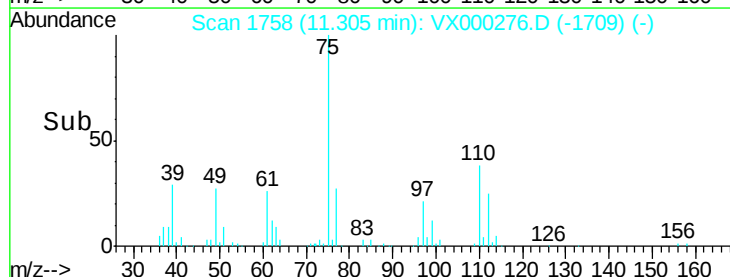
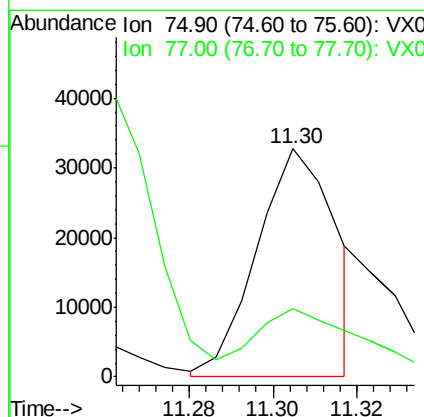
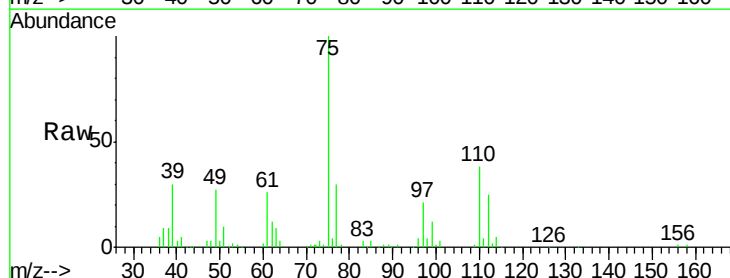
RT: 11.30 min Scan# 1758

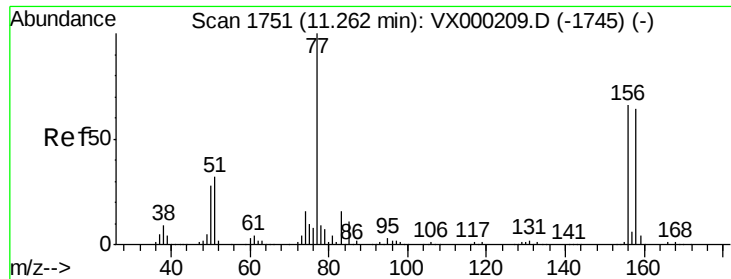
Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Tgt Ion:	75	Resp:	42737
Ion Ratio	Lower	Upper	
75	100		
77	40.5	22.3	66.8





#77

Bromobenzene

Concen: 17.42 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

Tot Ion:156 Resp: 34160

Ion Ratio Lower Upper

156 100

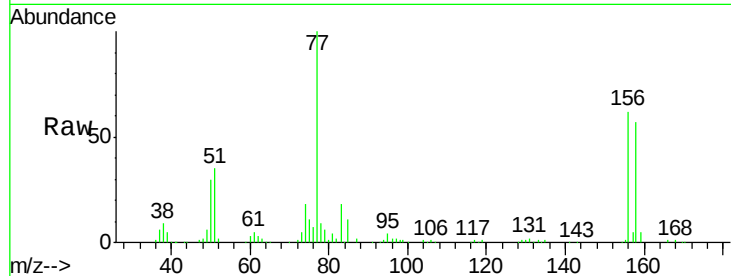
77 154.2 71.9 215.7

158 94.8 48.0 144.2

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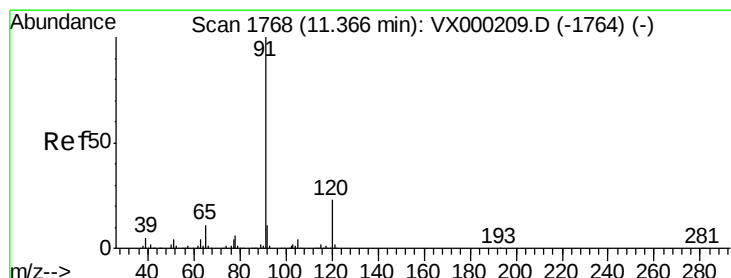
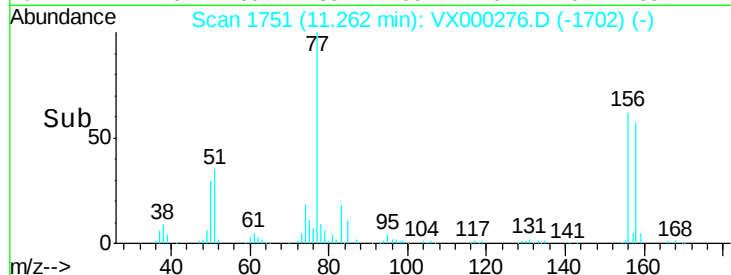
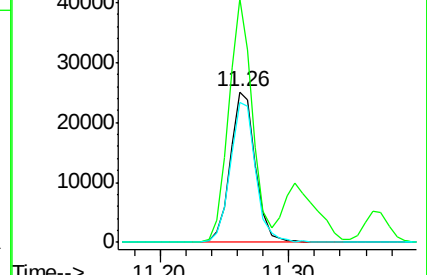
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.23 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000276.D

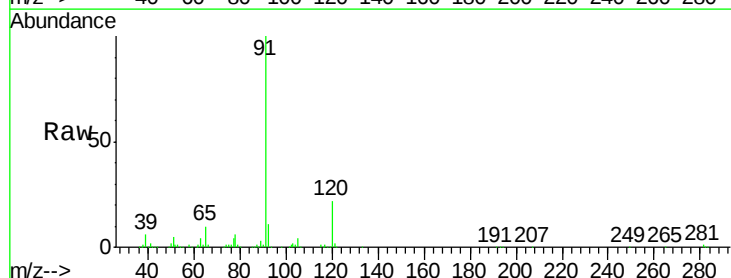
Acq: 12 Mar 2018 13:48

Tgt Ion: 91 Resp: 162692

Ion Ratio Lower Upper

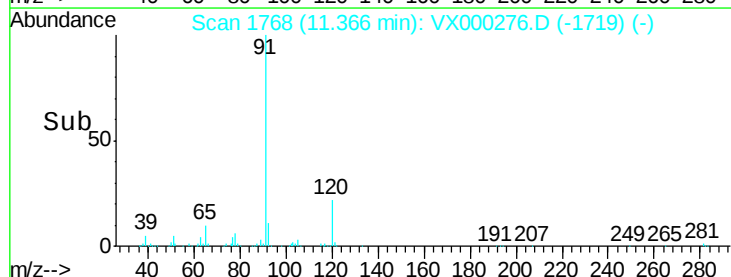
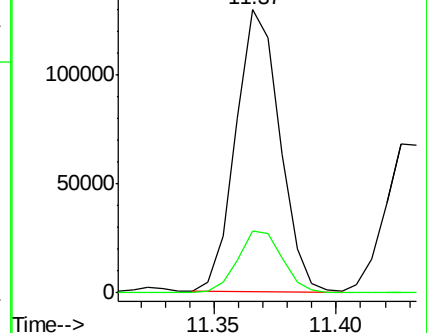
91 100

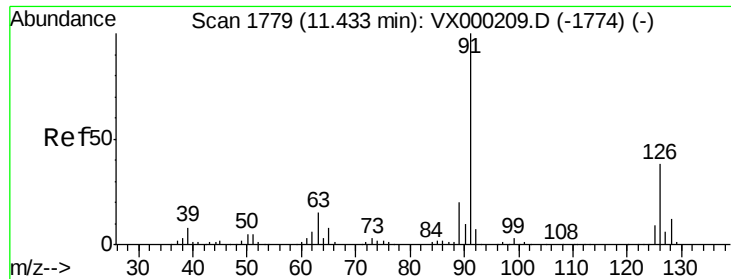
120 22.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.26 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

Tot Ion: 91 Resp: 91941

Ion Ratio Lower Upper

91 100

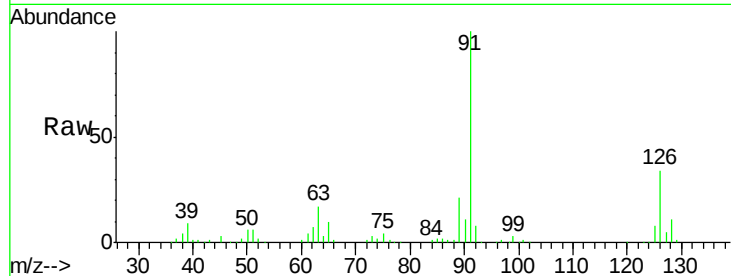
126 34.7 18.4 55.2

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Abundance Ion 91.00 (90.70 to 91.70): VX000209.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000209.D (-1774) (-)

150000

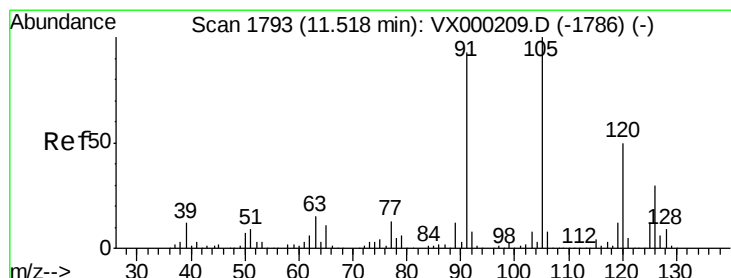
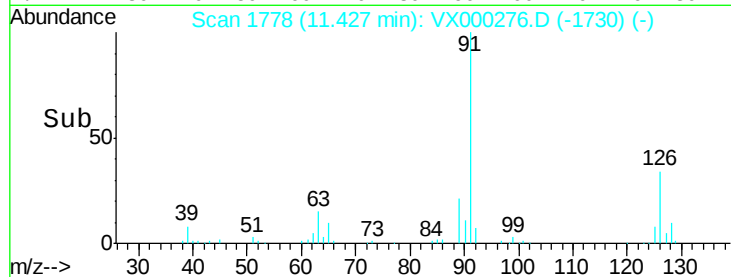
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.04 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000276.D

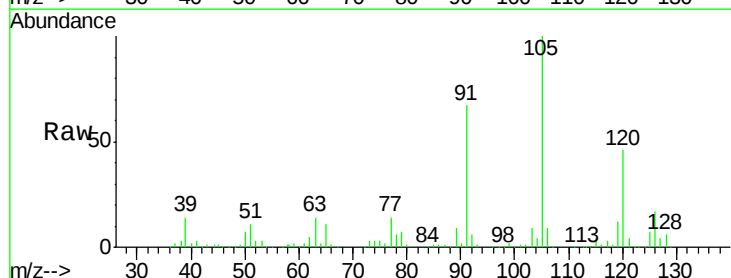
Acq: 12 Mar 2018 13:48

Tgt Ion: 105 Resp: 114253

Ion Ratio Lower Upper

105 100

120 48.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX000209.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000209.D (-1786) (-)

100000

80000

60000

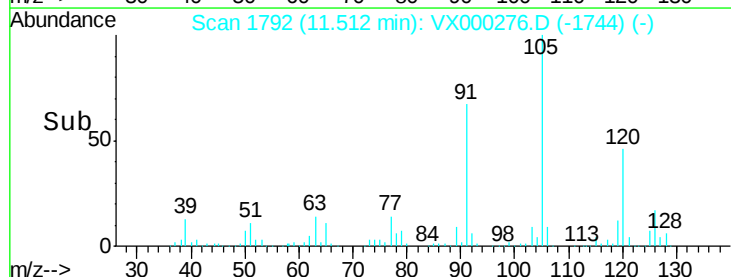
40000

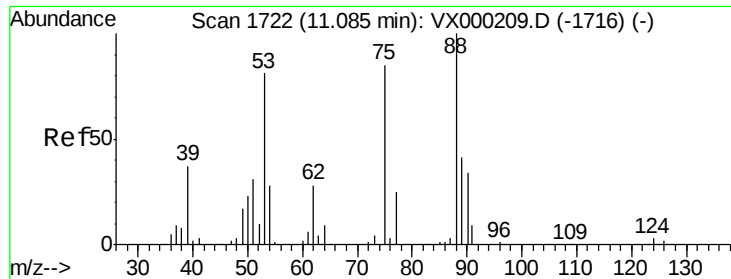
20000

0

11.45 11.50 11.55 11.60

Time-->





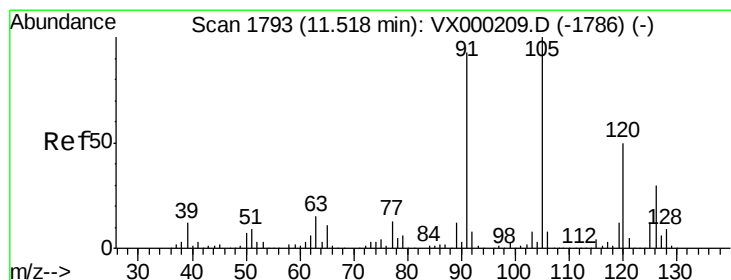
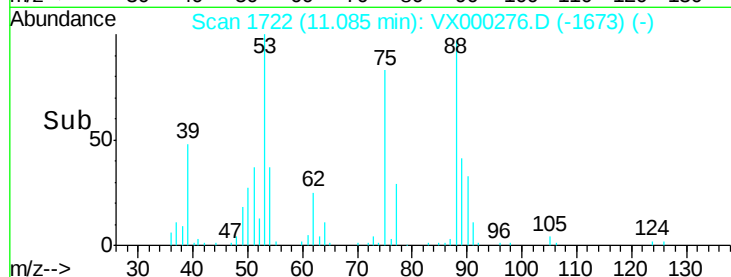
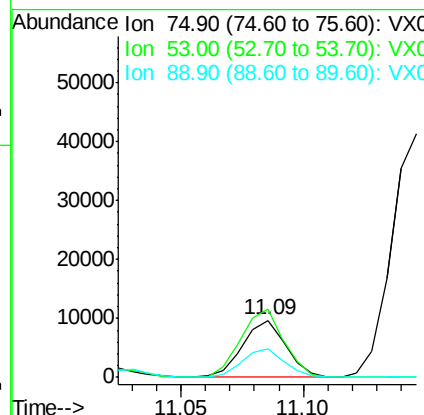
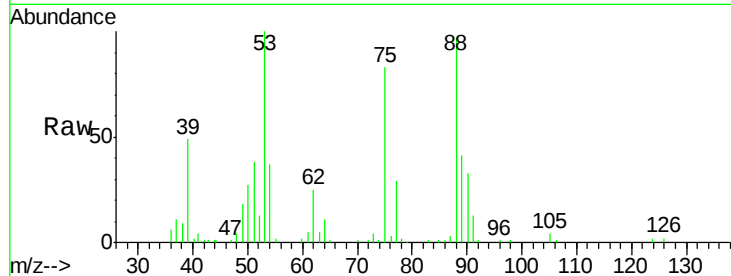
#81
trans-1,4-Dichloro-2-butene
Concen: 15.18 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Tot Ion: 75 Resp: 12037
Ion Ratio Lower Upper
75 100
53 119.0 78.6 118.0#
89 48.5 38.8 58.2

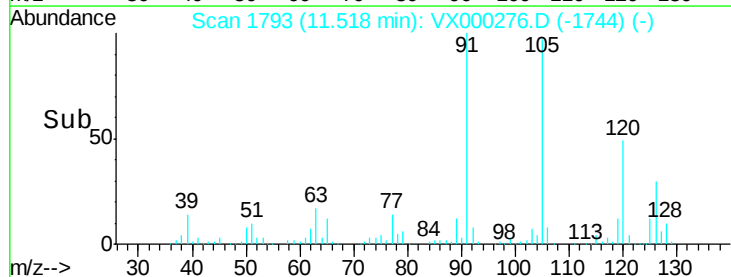
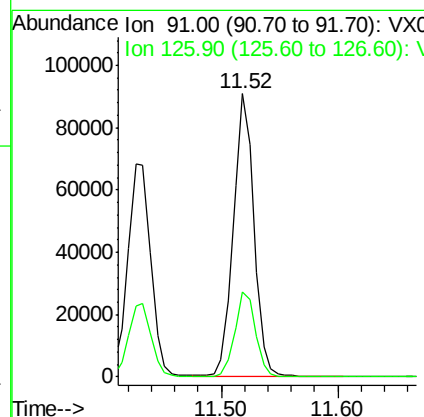
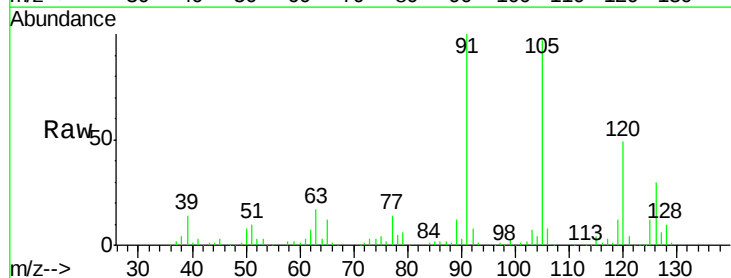
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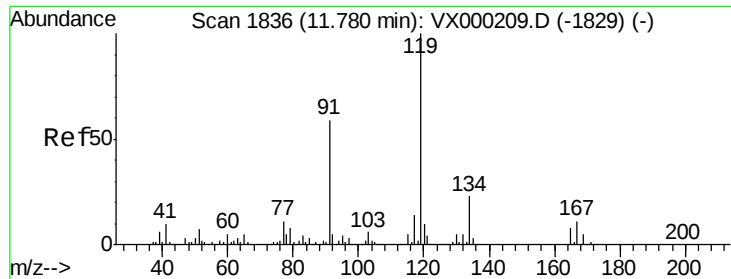
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#82
4-Chlorotoluene
Concen: 18.33 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion: 91 Resp: 112243
Ion Ratio Lower Upper
91 100
126 30.2 16.0 48.0





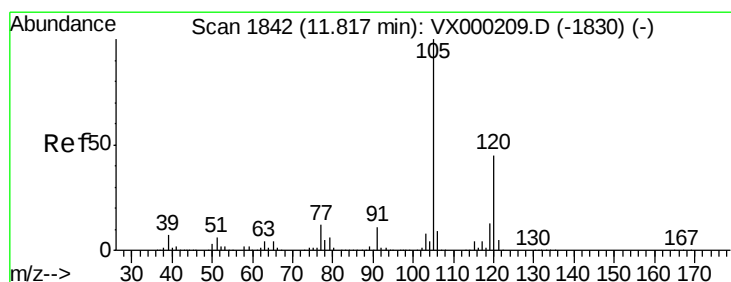
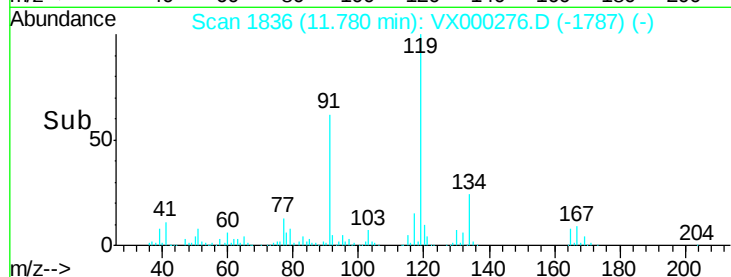
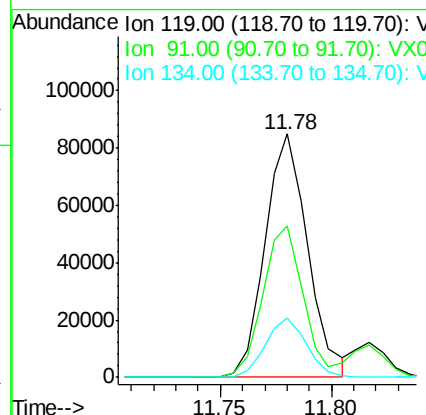
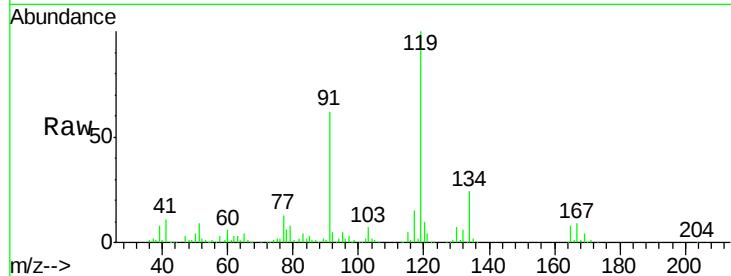
#83
 tert-Butylbenzene
 Concen: 18.30 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	112738		
91	58.5	28.9	86.7	
134	23.4	11.5	34.4	

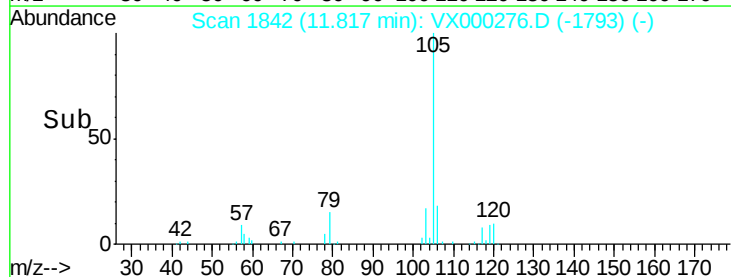
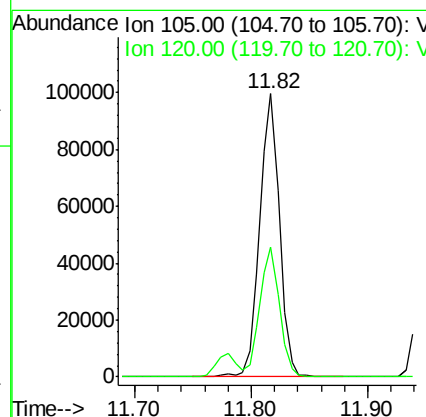
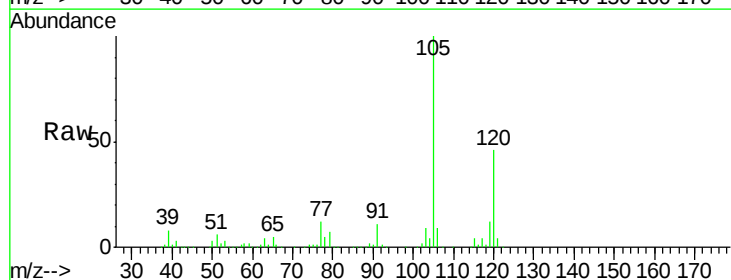
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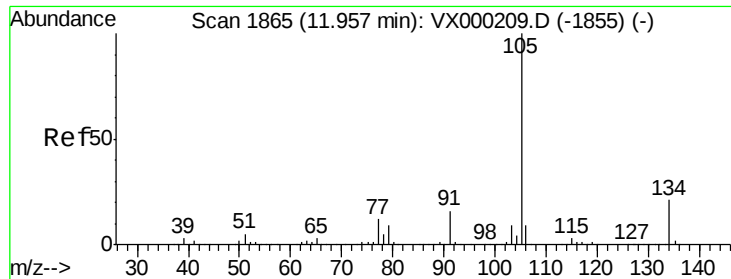
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.18 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	118376		
120	45.7	23.0	69.0	





#85

sec-Butylbenzene

Concen: 18.56 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampled :

VX0312WBSD01

Tot Ion:105 Resp: 144657

Ion Ratio Lower Upper

105 100

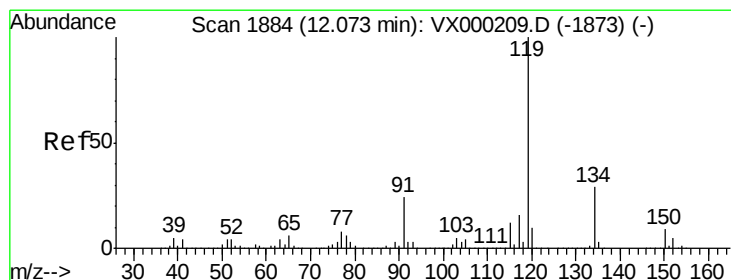
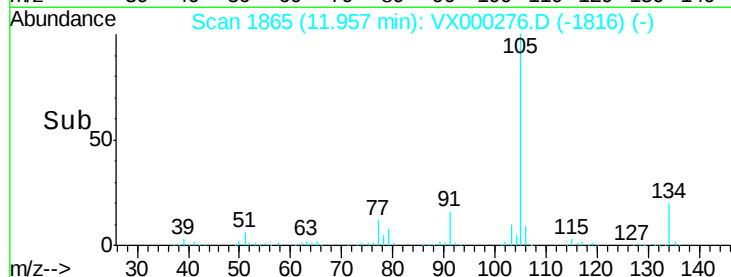
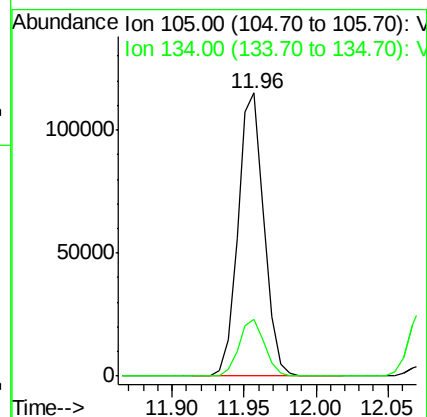
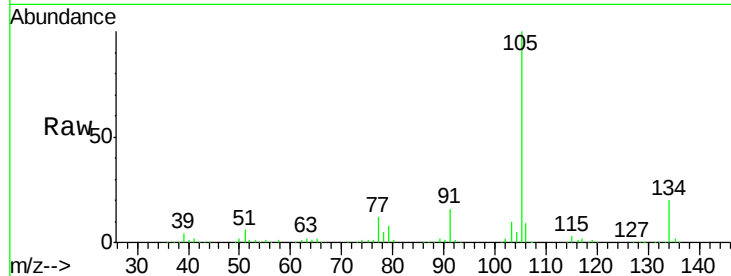
134 19.8 10.3 30.9

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#86

p-Isopropyltoluene

Concen: 18.39 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

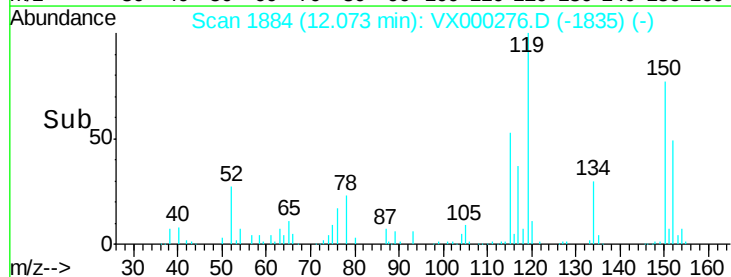
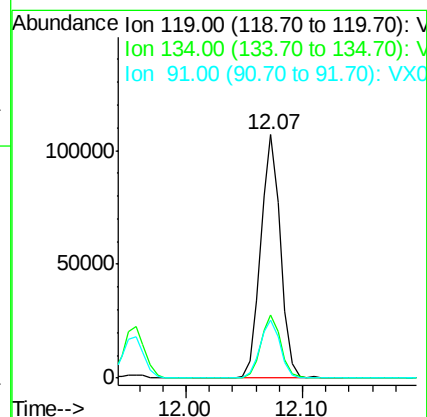
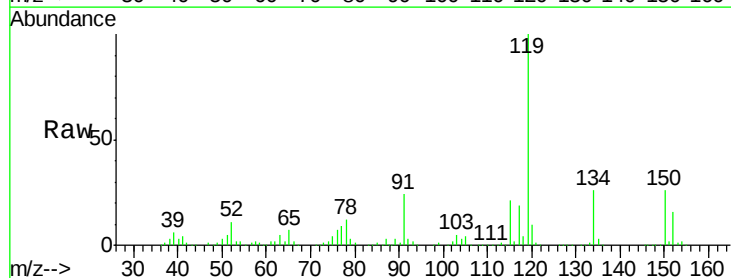
Tgt Ion:119 Resp: 126388

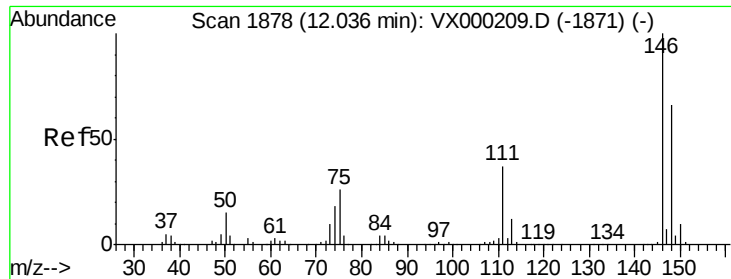
Ion Ratio Lower Upper

119 100

134 26.1 13.8 41.3

91 24.5 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 18.00 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

ClientSampleId :

VX0312WBSD01

Tot Ion:146 Resp: 67126

Ion Ratio Lower Upper

146 100

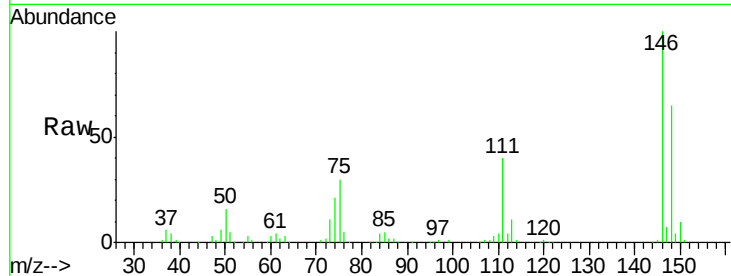
111 39.6 19.0 57.0

148 64.5 32.1 96.3

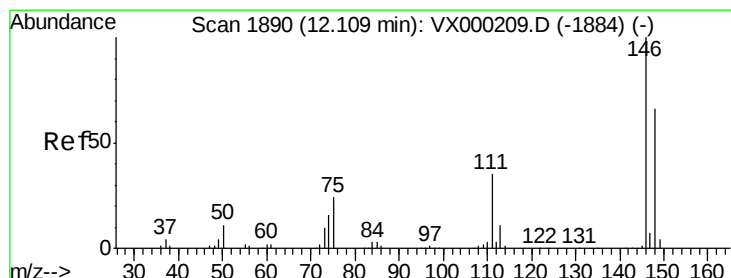
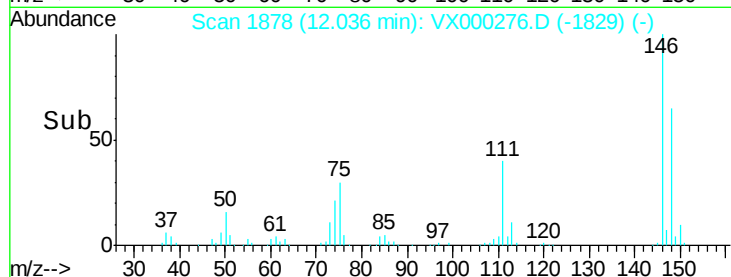
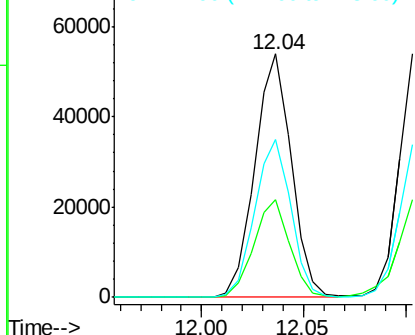
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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.05 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

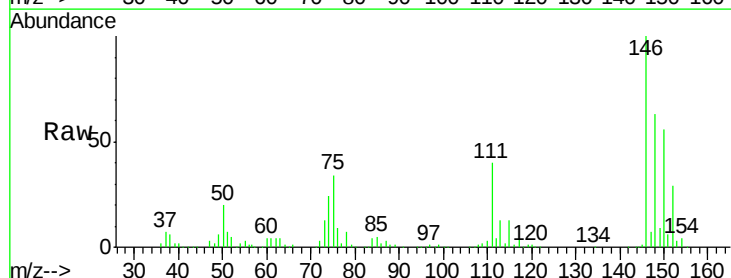
Tgt Ion:146 Resp: 70527

Ion Ratio Lower Upper

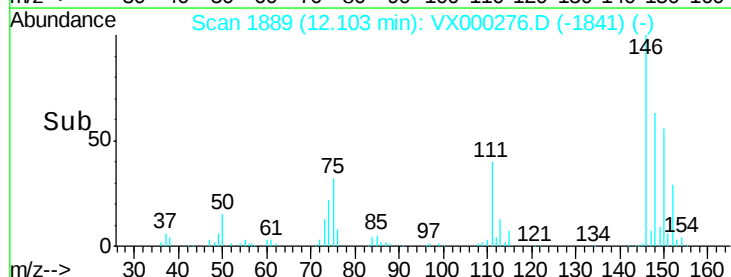
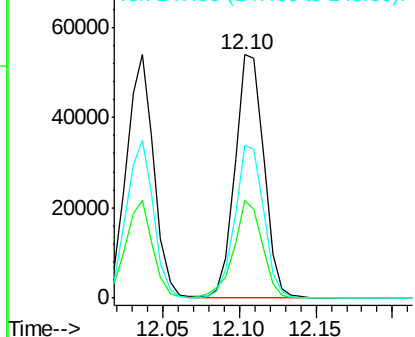
146 100

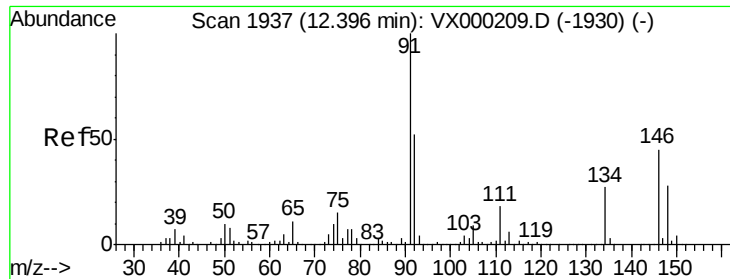
111 39.7 18.9 56.9

148 62.4 32.6 97.8



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





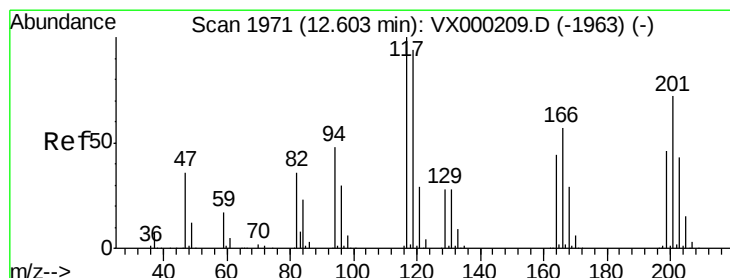
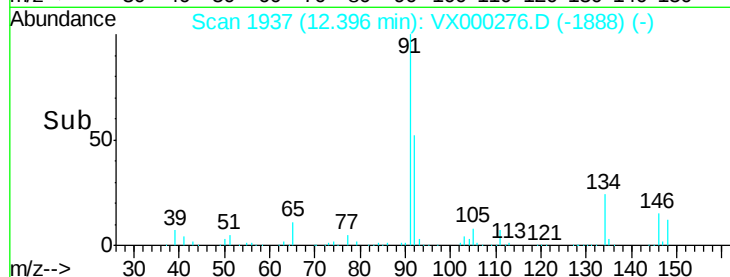
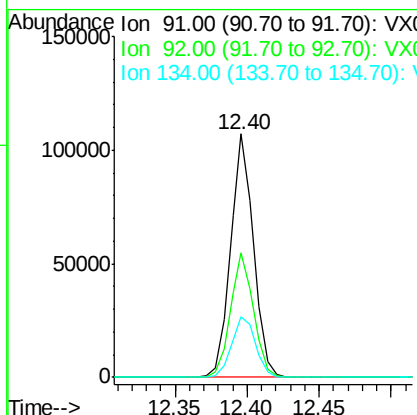
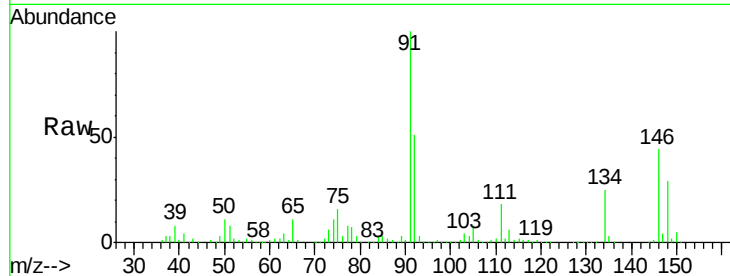
#89
n-Butylbenzene
Concen: 18.11 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.8	77.4
134	25.9	13.5	40.5

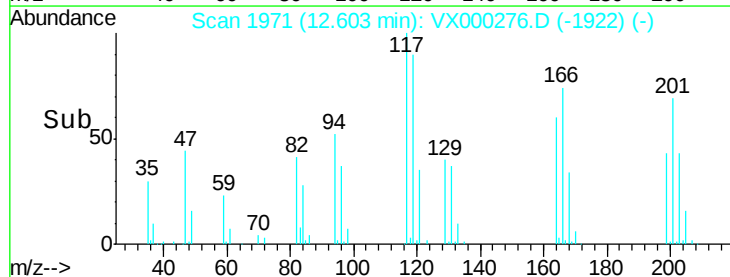
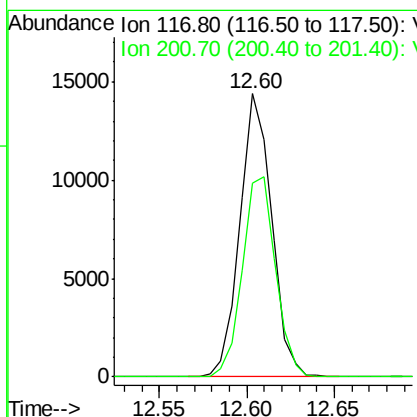
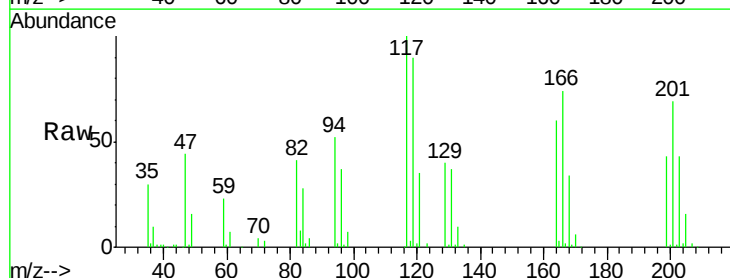
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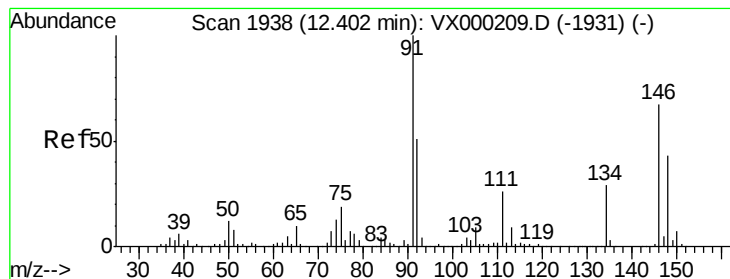
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#90
Hexachloroethane
Concen: 16.46 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000276.D
Acq: 12 Mar 2018 13:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.6	38.2	114.6





#91

1,2-Dichlorobenzene

Concen: 17.78 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

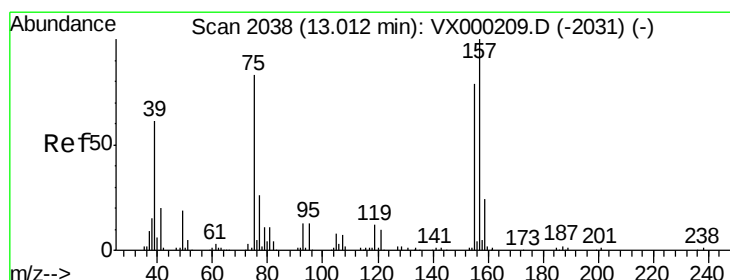
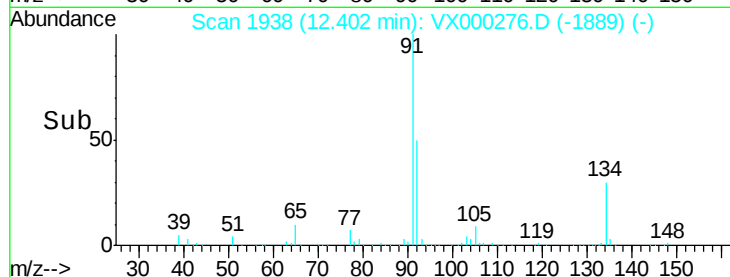
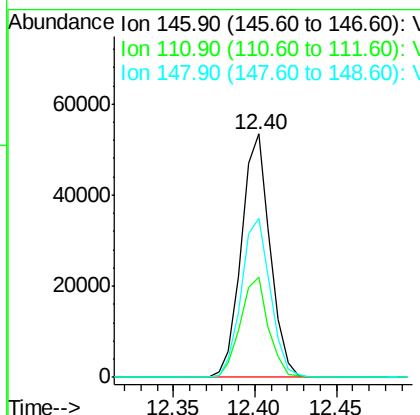
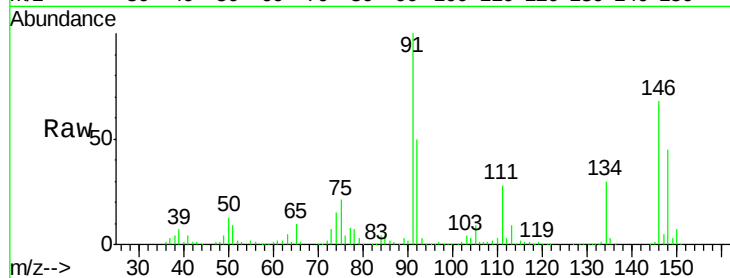
ClientSampled :

VX0312WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.7	59.0
148	66.2	32.0	96.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.50 ug/l

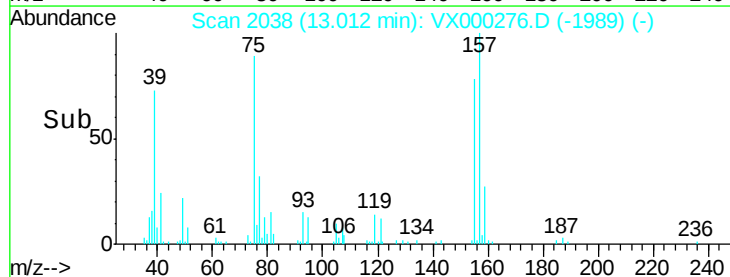
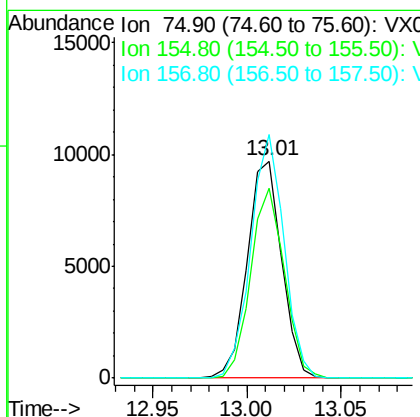
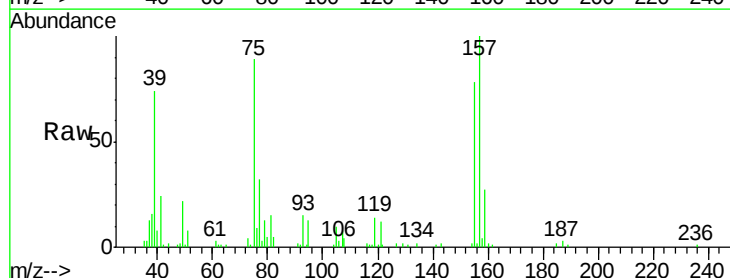
RT: 13.01 min Scan# 2038

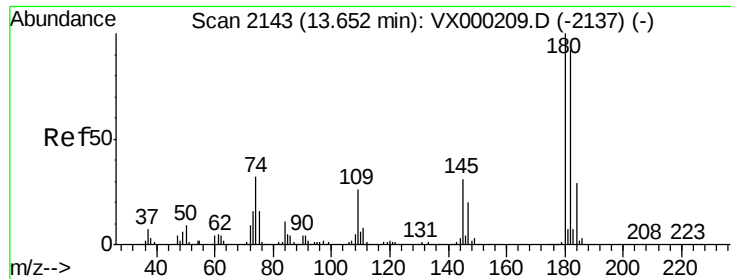
Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.4	45.5	136.5
157	108.0	58.6	175.8





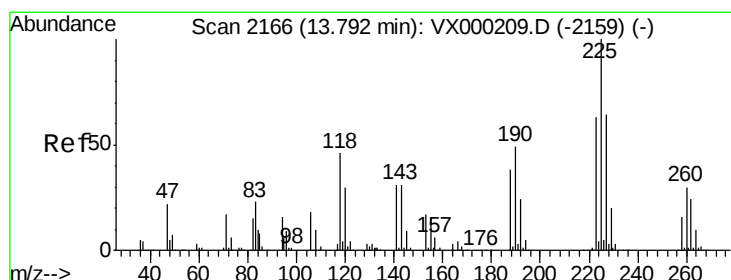
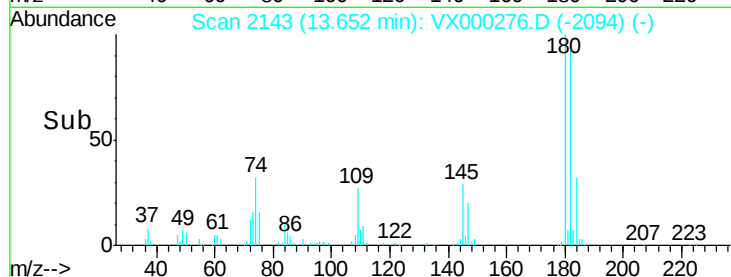
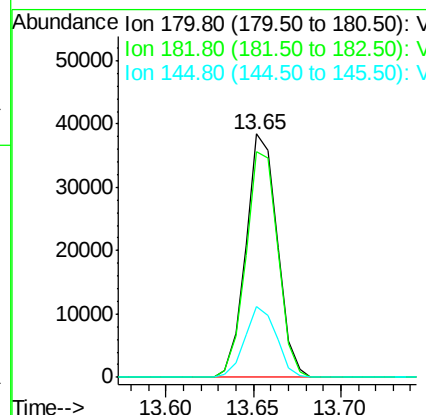
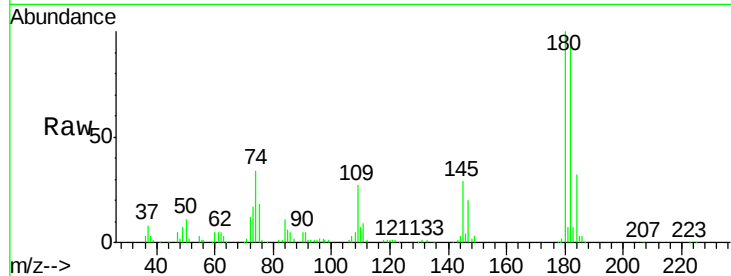
#93
 1,2,4-Trichlorobenzene
 Concen: 17.83 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.0	141.0
145	29.3	15.3	45.9

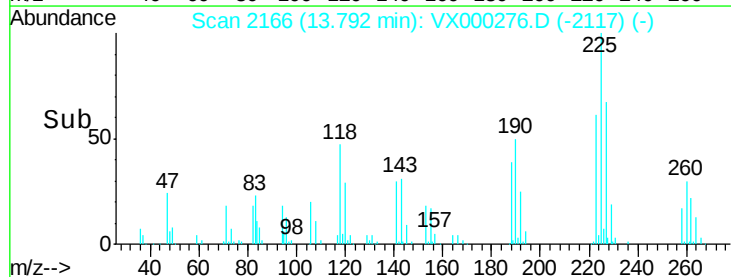
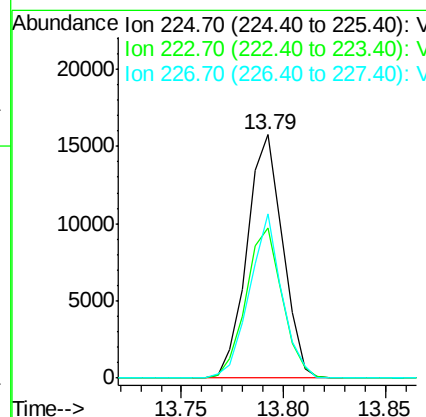
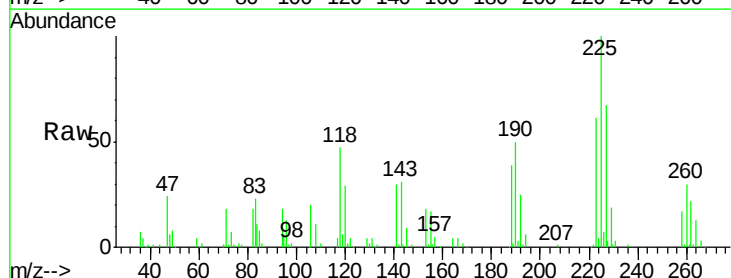
Manual Integrations
 APPROVED

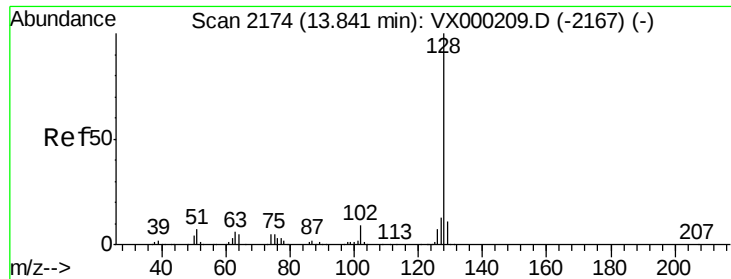
apatel
 3/13/2018 10:58:41 AM



#94
 Hexachlorobutadiene
 Concen: 17.12 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000276.D
 Acq: 12 Mar 2018 13:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.8	95.3
227	61.2	31.9	95.5





#95

Naphthalene

Concen: 18.12 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Instrument :

MSVOA_X

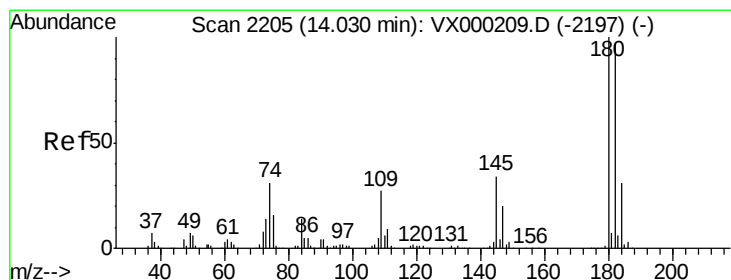
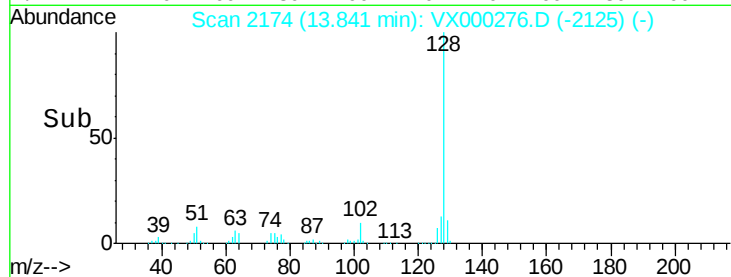
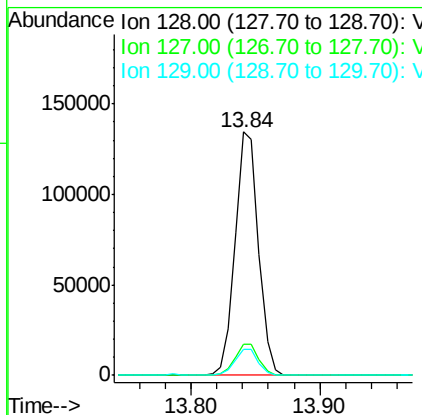
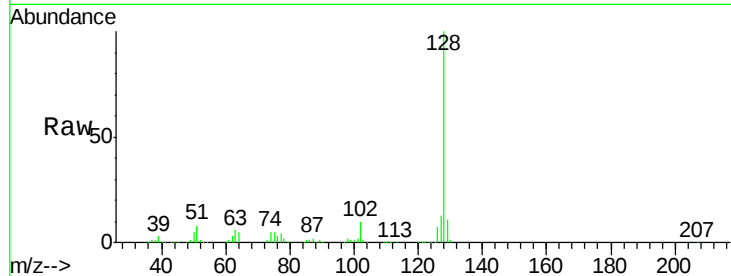
ClientSampleId :

VX0312WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
3/13/2018 10:58:41 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.12 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000276.D

Acq: 12 Mar 2018 13:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.0	144.0
145	30.3	16.3	48.8

