

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030718\
 Data File : VX000206.D
 Acq On : 07 Mar 2018 11:57
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 3/8/2018 10:42:06 AM

Quant Time: Mar 08 01:25:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 00:56:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	140563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	230325	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	224436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	117454	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	1981	1.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.02%	
35) Dibromofluoromethane	5.51	113	1231	0.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.68%	
50) Toluene-d8	8.73	98	5248	0.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.72%	
62) 4-Bromofluorobenzene	11.15	95	2121	0.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	1759	1.20	ug/l	87
3) Chloromethane	1.32	50	1710	1.20	ug/l	98
4) Vinyl Chloride	1.41	62	1745	1.04	ug/l	98
5) Bromomethane	1.65	94	2370	1.20	ug/l	99
6) Chloroethane	1.74	64	1544	1.34	ug/l #	76
7) Trichlorofluoromethane	1.93	101	2766	0.99	ug/l	94
8) Diethyl Ether	2.19	74	1192	1.17	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1658	1.07	ug/l	93
10) Methyl Iodide	2.53	142	979	0.70	ug/l #	88
11) Tert butyl alcohol	3.06	59	3828	5.69	ug/l #	81
12) 1,1-Dichloroethene	2.39	96	1423	1.00	ug/l	92
13) Acrolein	2.29	56	2196	6.06	ug/l	90
14) Allyl chloride	2.74	41	2978	1.13	ug/l	97
15) Acrylonitrile	3.15	53	6437	5.35	ug/l	97
16) Acetone	2.45	43	8123	6.06	ug/l	99
17) Carbon Disulfide	2.57	76	4083	1.04	ug/l #	90
18) Methyl Acetate	2.79	43	3453	1.21	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	5593	1.10	ug/l	98
20) Methylene Chloride	2.86	84	1964	1.23	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	1691	1.08	ug/l #	74
22) Diisopropyl ether	3.87	45	5458	1.22	ug/l #	92
23) Vinyl Acetate	3.83	43	24262	5.63	ug/l	98
24) 1,1-Dichloroethane	3.71	63	3202	1.16	ug/l #	84
25) 2-Butanone	4.71	43	9589	5.77	ug/l	96
26) 2,2-Dichloropropane	4.60	77	2205	1.09	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	1770	1.19	ug/l	85
28) Bromochloromethane	5.03	49	1199	0.98	ug/l #	98
29) Tetrahydrofuran	5.18	42	5907	5.64	ug/l	92
30) Chloroform	5.22	83	2987	1.11	ug/l	90
31) Cyclohexane	5.57	56	1893	0.92	ug/l #	79
32) 1,1,1-Trichloroethane	5.51	97	2283	0.98	ug/l #	50
36) 1,1-Dichloropropene	5.81	75	2056	1.05	ug/l	90
37) Ethyl Acetate	4.87	43	3539	1.25	ug/l #	84
38) Carbon Tetrachloride	5.80	117	2116	1.06	ug/l #	77

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 00:56:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	2541	1.06	ug/l	88
40) Benzene	6.15	78	6009	1.06	ug/l #	85
41) Methacrylonitrile	5.07	41	1756m	1.22	ug/l	
42) 1,2-Dichloroethane	6.21	62	2322	1.04	ug/l	88
43) Isopropyl Acetate	6.48	43	4506	1.10	ug/l	96
44) Trichloroethene	7.22	130	1678	1.03	ug/l	90
45) 1,2-Dichloropropane	7.53	63	1424	0.99	ug/l	95
46) Dibromomethane	7.67	93	1273	1.12	ug/l	94
47) Bromodichloromethane	7.91	83	1887	0.94	ug/l #	72
48) Methyl methacrylate	7.79	41	2272	1.12	ug/l #	82
49) 1,4-Dioxane	7.77	88	906	19.45	ug/l #	84
51) 4-Methyl-2-Pentanone	8.66	43	15387	4.93	ug/l	100
52) Toluene	8.79	92	3752	0.96	ug/l	87
53) t-1,3-Dichloropropene	8.45	75	2304	0.97	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	2089	0.90	ug/l	89
55) 1,1,2-Trichloroethane	9.23	97	1506	0.95	ug/l	93
56) Ethyl methacrylate	9.19	69	2019	0.84	ug/l #	71
57) 1,3-Dichloropropane	9.38	76	2780	1.05	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	6226	5.03	ug/l	99
59) 2-Hexanone	9.51	43	13085	4.91	ug/l	92
60) Dibromochloromethane	9.59	129	1538	0.91	ug/l	92
61) 1,2-Dibromoethane	9.68	107	1664	0.94	ug/l	100
64) Tetrachloroethene	9.34	164	1554	1.04	ug/l	91
65) Chlorobenzene	10.15	112	4320	0.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	1528	1.02	ug/l #	61
67) Ethyl Benzene	10.26	91	7600	1.00	ug/l	94
68) m/p-Xylenes	10.37	106	5543	1.88	ug/l	96
69) o-Xylene	10.71	106	2591	0.91	ug/l	92
70) Styrene	10.72	104	4280	0.91	ug/l	98
71) Bromoform	10.87	173	1042	0.80	ug/l #	82
73) Isopropylbenzene	11.02	105	7642	1.09	ug/l	98
74) N-amyl acetate	6.48	43	4506	1.26	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	2570	1.04	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	2522m	1.12	ug/l	
77) Bromobenzene	11.26	156	2120	1.17	ug/l	96
78) n-propylbenzene	11.37	91	8780	1.06	ug/l	94
79) 2-Chlorotoluene	11.43	91	4889	1.05	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	6196	1.05	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.09	75	769	1.04	ug/l #	82
82) 4-Chlorotoluene	11.52	91	5865	1.03	ug/l	99
83) tert-Butylbenzene	11.77	119	5780	1.01	ug/l	96
84) 1,2,4-Trimethylbenzene	11.82	105	6081	1.00	ug/l	99
85) sec-Butylbenzene	11.96	105	7172	0.99	ug/l	98
86) p-Isopropyltoluene	12.07	119	6165	0.96	ug/l	93
87) 1,3-Dichlorobenzene	12.04	146	3612	1.04	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	4047m	1.11	ug/l	
89) n-Butylbenzene	12.40	91	6095	0.99	ug/l	98
90) Hexachloroethane	12.61	117	1004	0.97	ug/l	87
91) 1,2-Dichlorobenzene	12.40	146	3614	1.05	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.01	75	680	0.98	ug/l	89

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MSVOA_X
ClientSampleId :
VSTDICC001

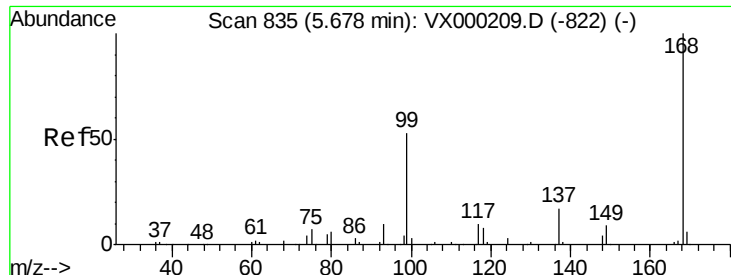
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Mar 08 00:56:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	2665	1.07	ug/l	98
94) Hexachlorobutadiene	13.79	225	1174	1.14	ug/l	90
95) Naphthalene	13.84	128	9144	1.05	ug/l	97
96) 1,2,3-Trichlorobenzene	14.03	180	2665	1.08	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:168 Resp: 140563

Ion Ratio Lower Upper

168 100

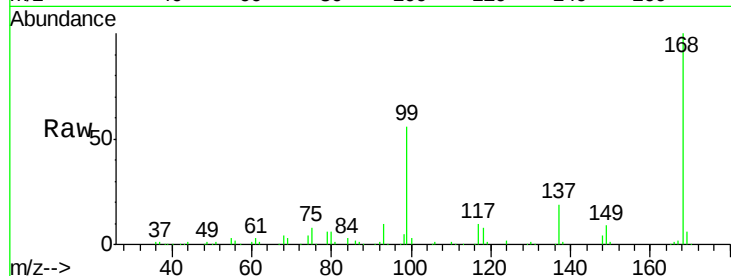
99 55.5 42.8 64.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

30000

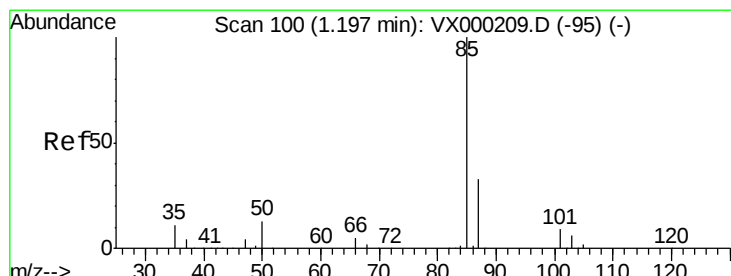
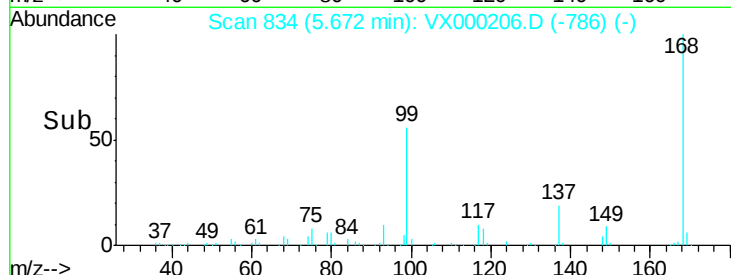
20000

10000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.20 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000206.D

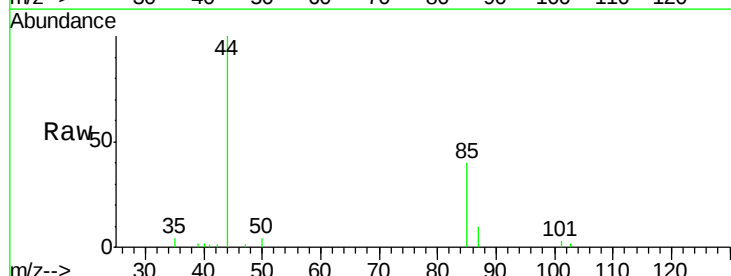
Acq: 07 Mar 2018 11:57

Tgt Ion: 85 Resp: 1759

Ion Ratio Lower Upper

85 100

87 26.1 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

2000

1500

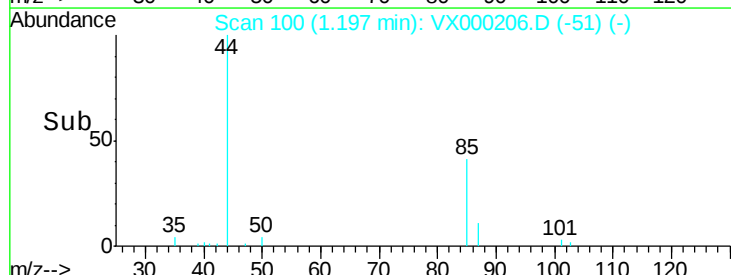
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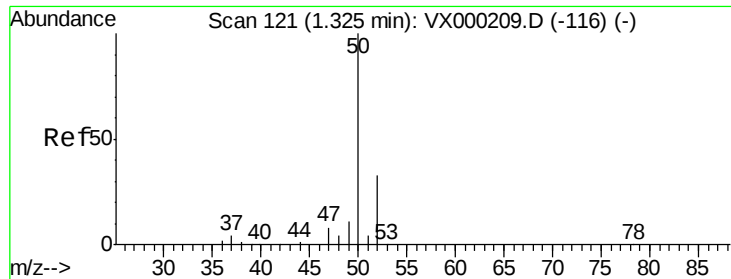
500

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 1.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 50 Resp: 1710

Ion Ratio Lower Upper

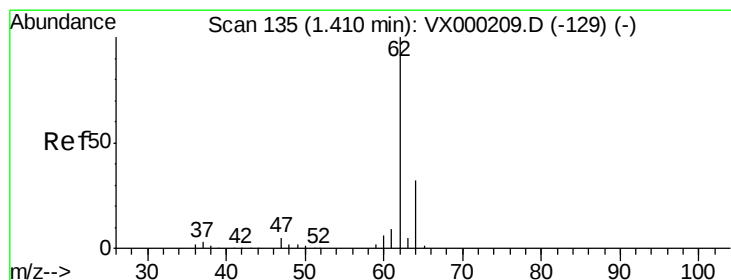
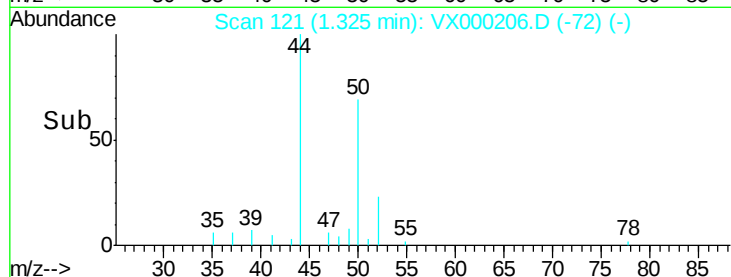
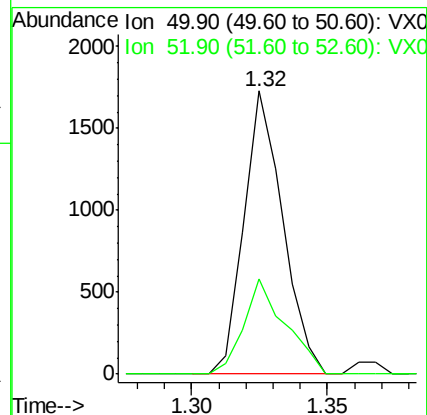
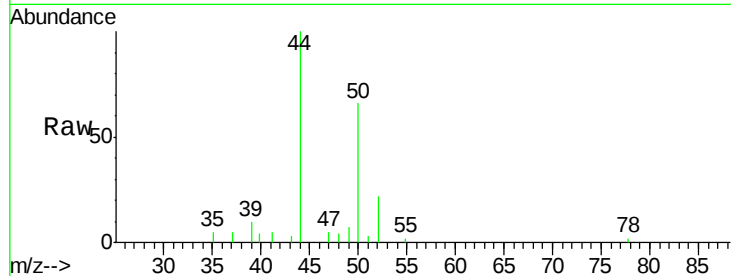
50 100

52 33.7 26.2 39.2

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#4

Vinyl Chloride

Concen: 1.04 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000206.D

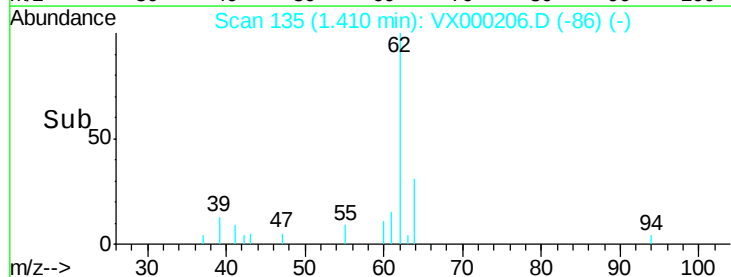
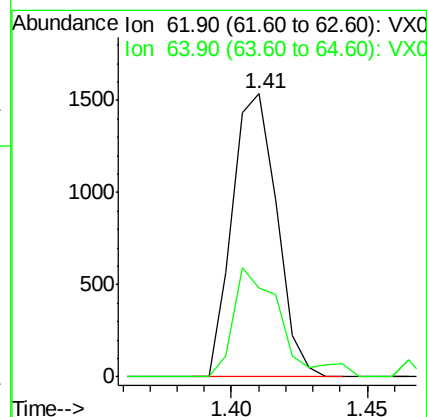
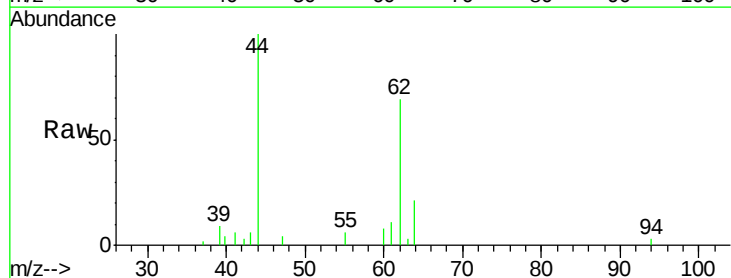
Acq: 07 Mar 2018 11:57

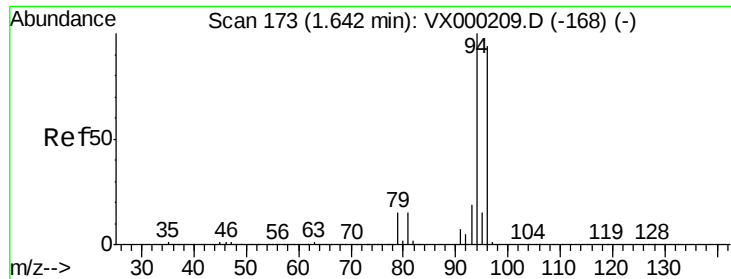
Tgt Ion: 62 Resp: 1745

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5





#5

Bromomethane

Concen: 1.20 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 2370

Ion Ratio Lower Upper

94 100

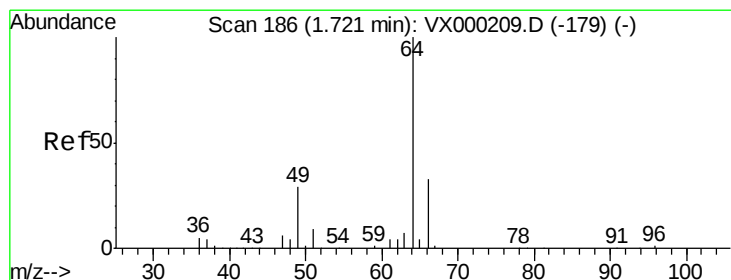
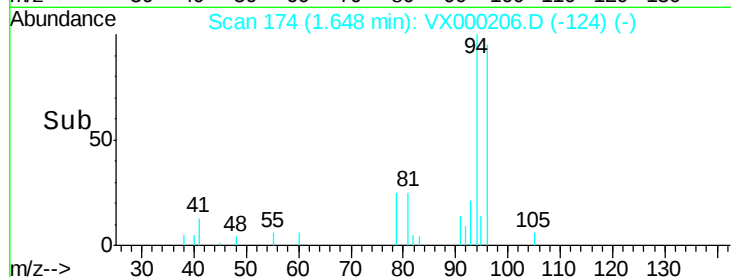
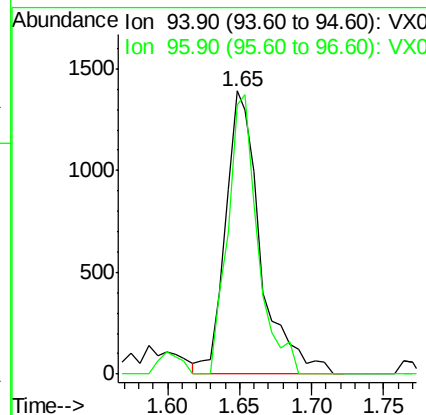
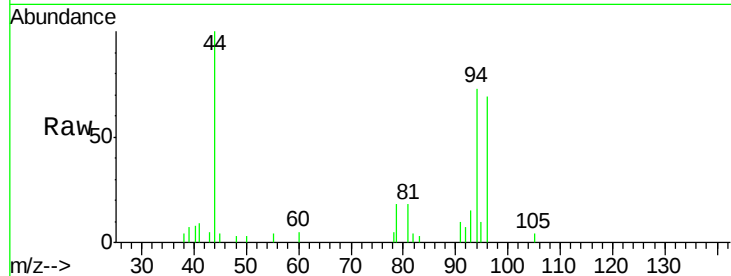
96 95.3 75.3 112.9

Manual Integrations

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#6

Chloroethane

Concen: 1.34 ug/l

RT: 1.74 min Scan# 189

Delta R.T. 0.02 min

Lab File: VX000206.D

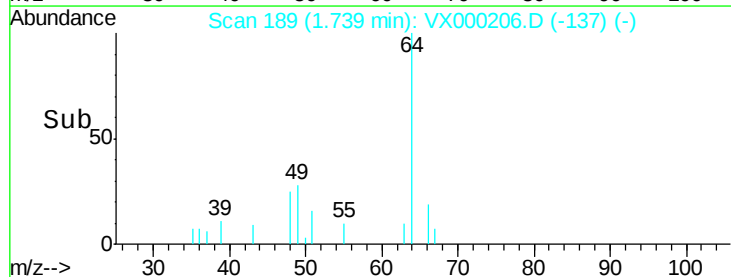
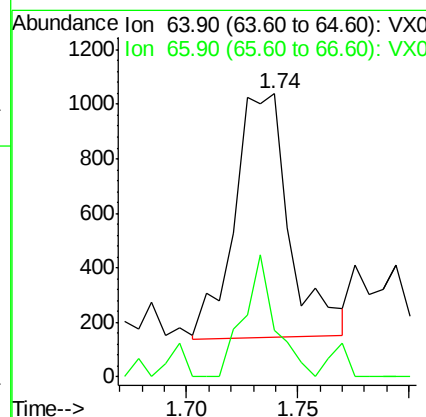
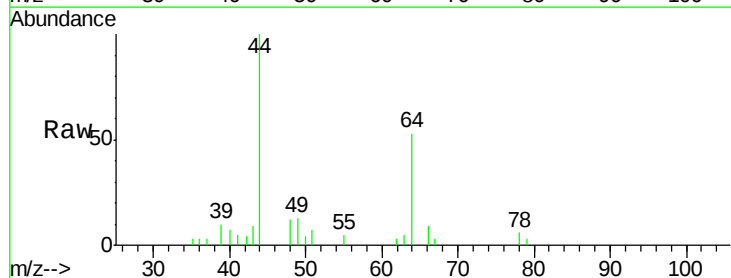
Acq: 07 Mar 2018 11:57

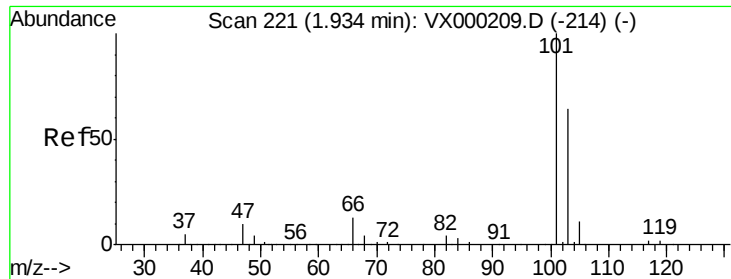
Tgt Ion: 64 Resp: 1544

Ion Ratio Lower Upper

64 100

66 19.4 26.2 39.4#





#7

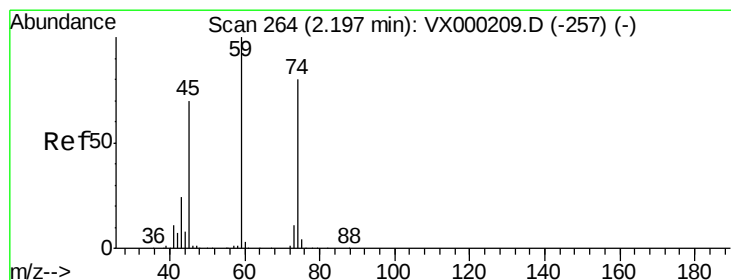
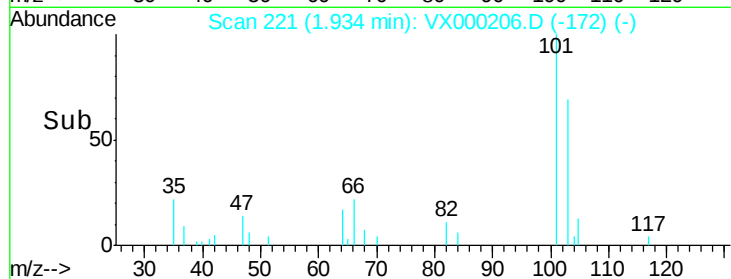
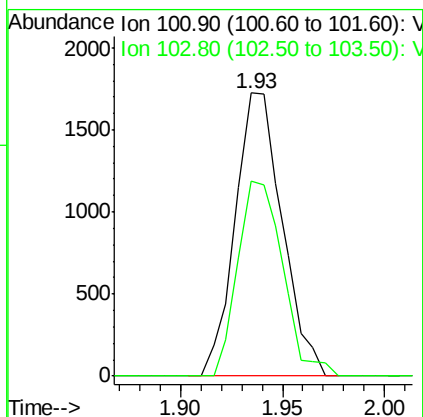
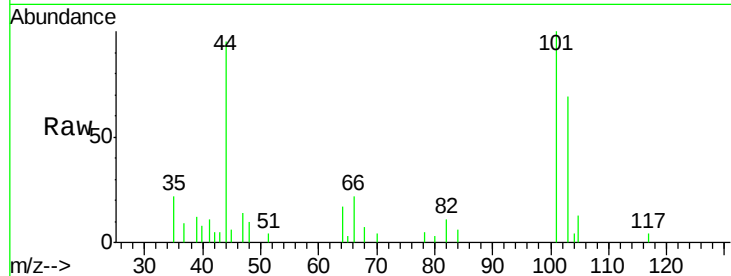
Trichlorofluoromethane
 Concen: 0.99 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000206.D
 Acq: 07 Mar 2018 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.8	51.2	76.8

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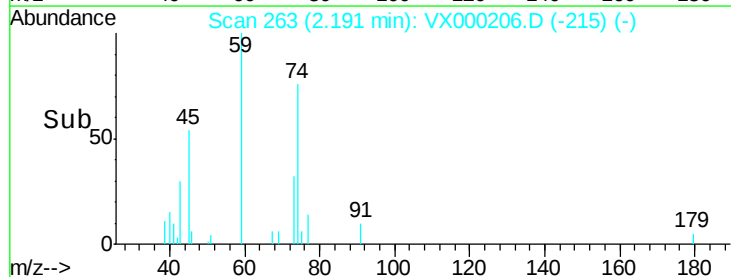
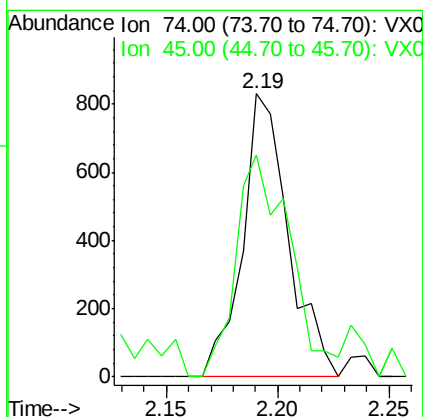
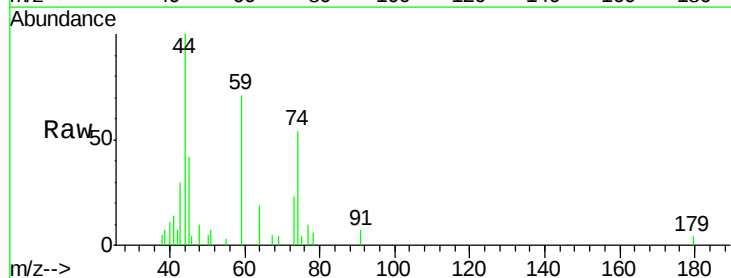
apatel
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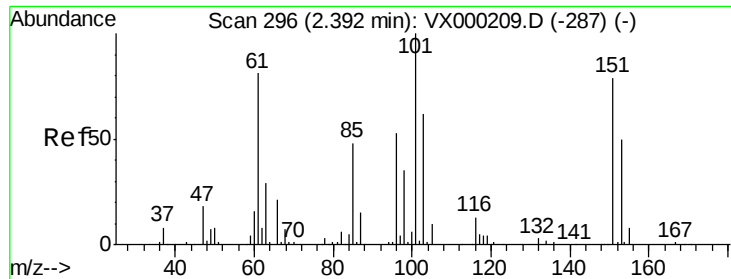


#8

Diethyl Ether
 Concen: 1.17 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000206.D
 Acq: 07 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.2	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.07 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

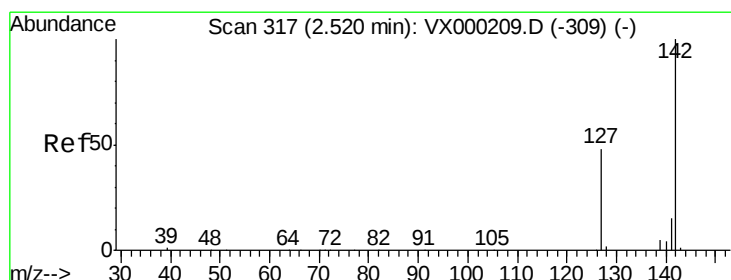
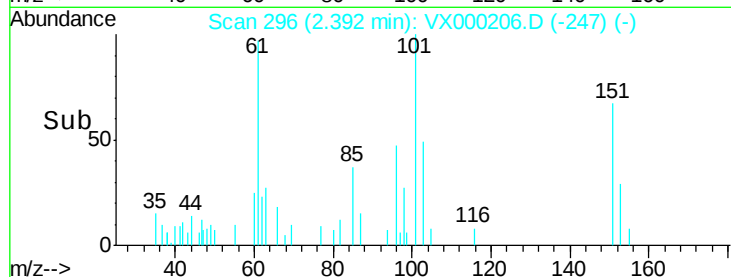
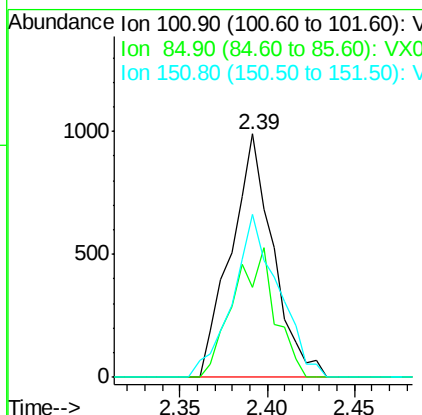
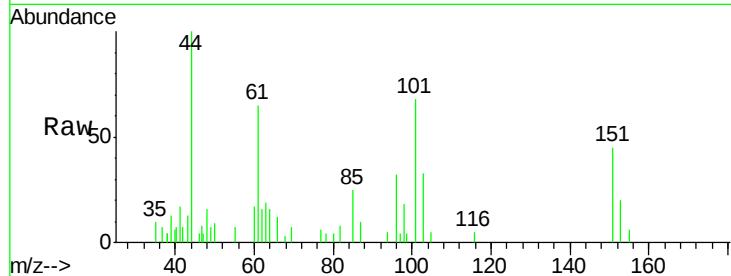
ClientSampled :

VSTDIC001

Tot Ion:	101	Resp:	1658
Ion Ratio	Lower	Upper	
101	100		
85	52.5	38.3	57.5
151	72.7	62.8	94.2

Manual Integrations
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#10

Methyl Iodide

Concen: 0.70 ug/l

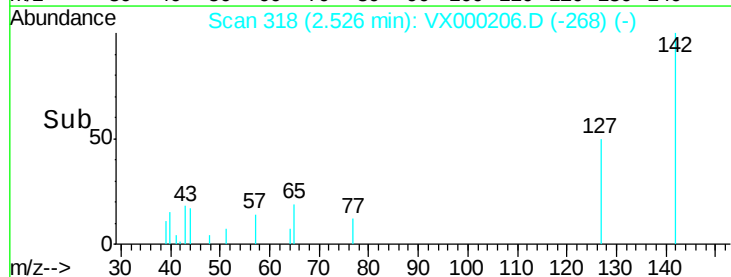
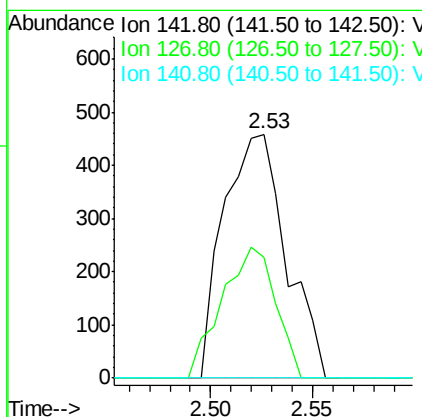
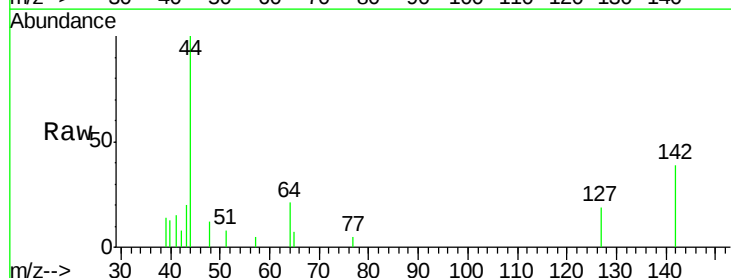
RT: 2.53 min Scan# 318

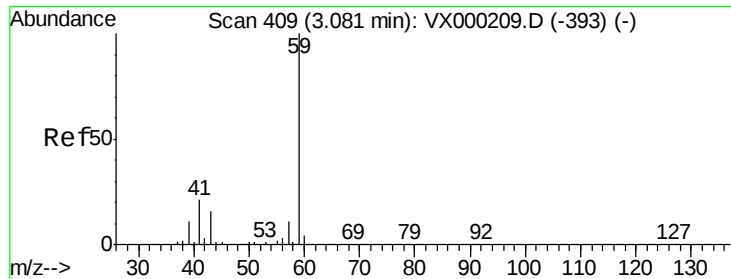
Delta R.T. 0.01 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Tgt Ion:	142	Resp:	979
Ion Ratio	Lower	Upper	
142	100		
127	45.8	39.0	58.6
141	0.0	11.6	17.4#





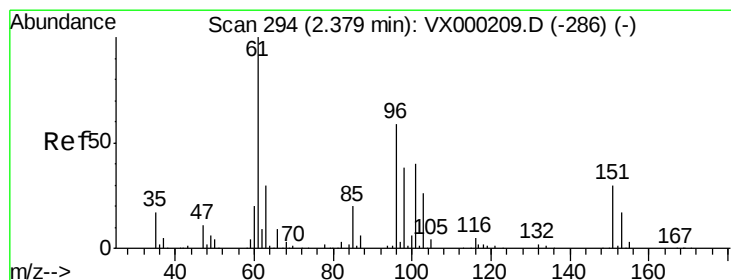
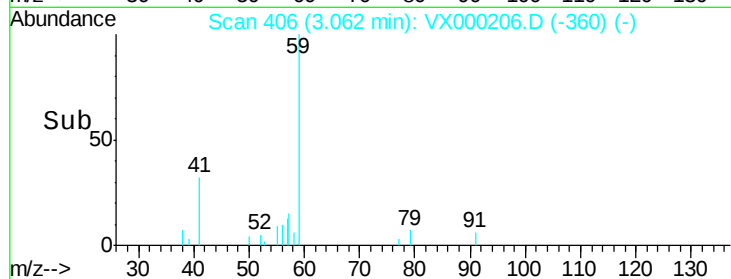
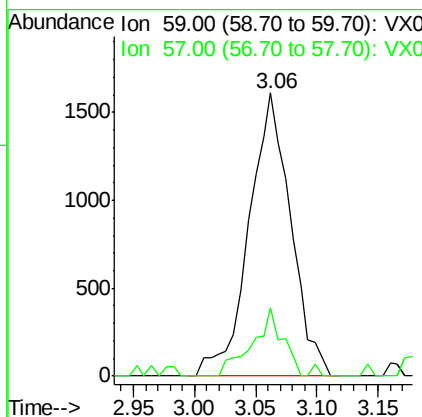
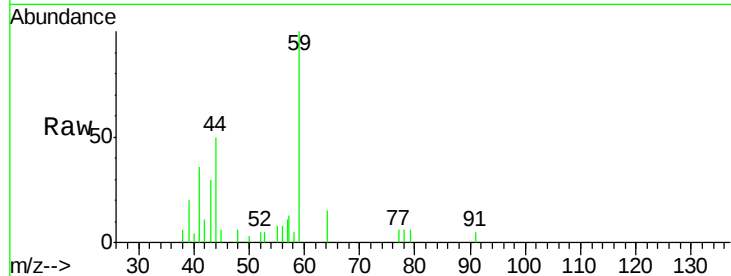
#11
Tert butyl alcohol
Concen: 5.69 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 59 Resp: 3828
Ion Ratio Lower Upper
59 100
57 17.5 8.4 12.6#

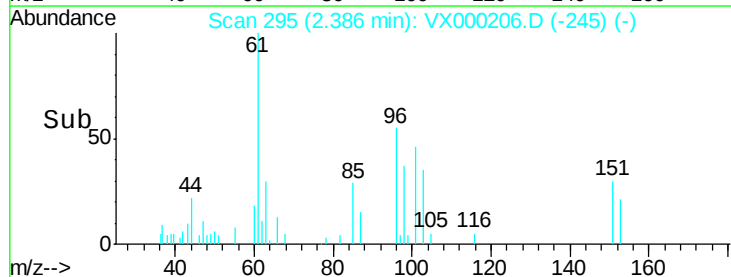
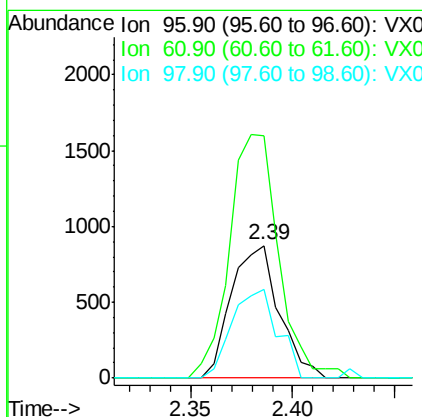
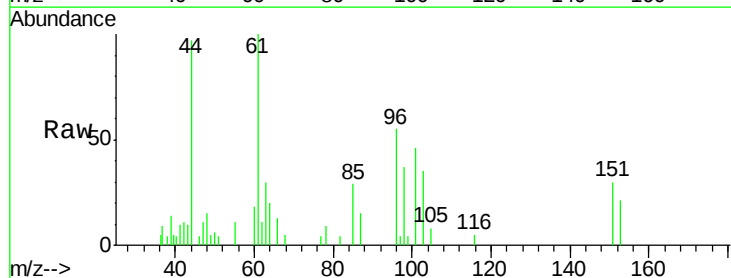
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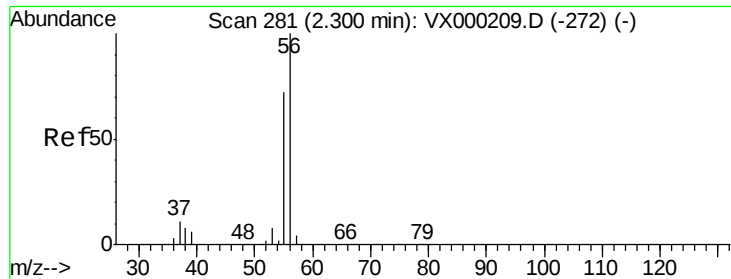
apatel
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#12
1,1-Dichloroethene
Concen: 1.00 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Tgt Ion: 96 Resp: 1423
Ion Ratio Lower Upper
96 100
61 182.8 135.8 203.6
98 66.9 51.1 76.7





#13

Acrolein

Concen: 6.06 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 56 Resp: 2196

Ion Ratio Lower Upper

56 100

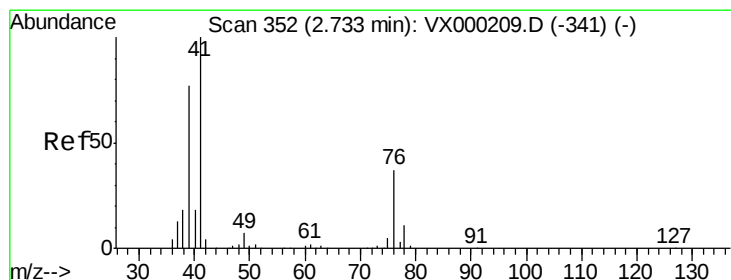
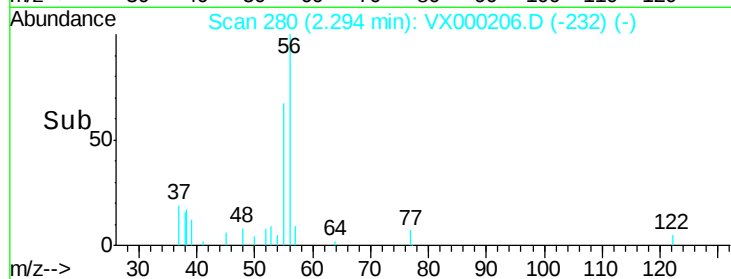
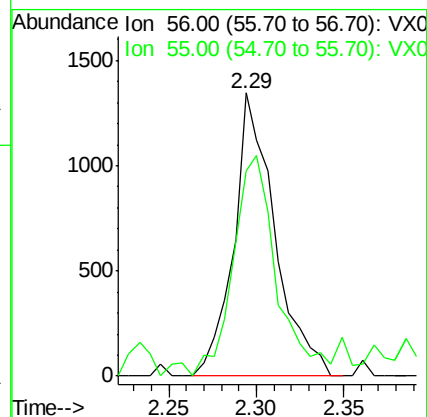
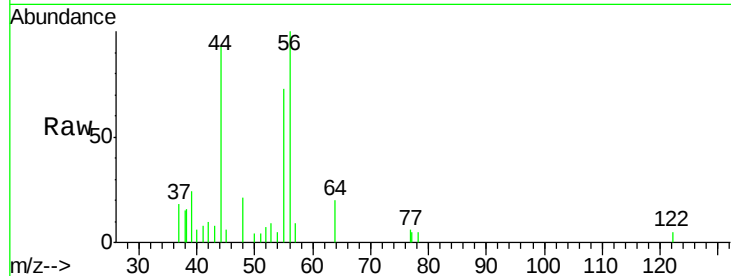
55 82.3 59.2 88.8

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#14

Allyl chloride

Concen: 1.13 ug/l

RT: 2.74 min Scan# 353

Delta R.T. 0.01 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

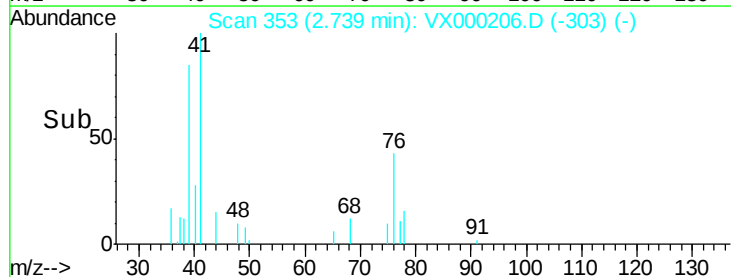
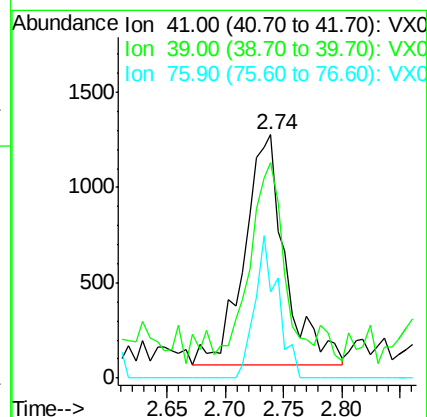
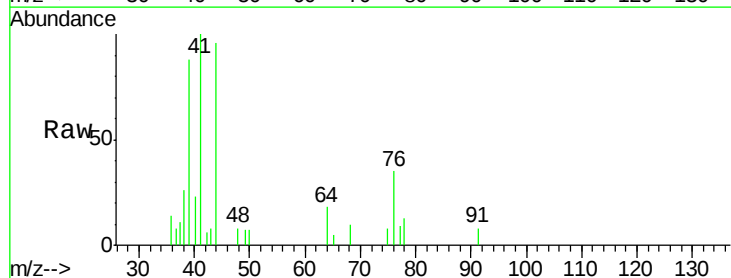
Tgt Ion: 41 Resp: 2978

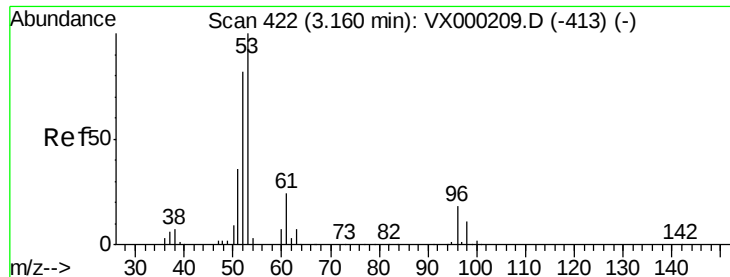
Ion Ratio Lower Upper

41 100

39 68.0 57.0 85.6

76 34.5 26.8 40.2





#15

Acrylonitrile

Concen: 5.35 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

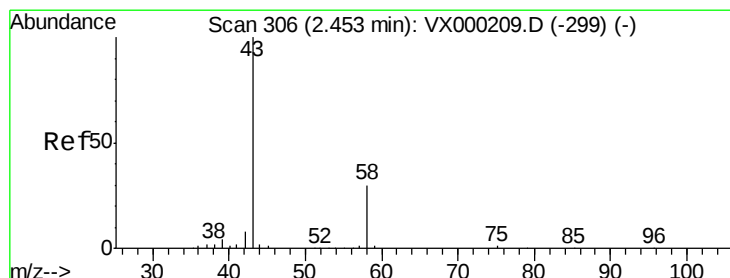
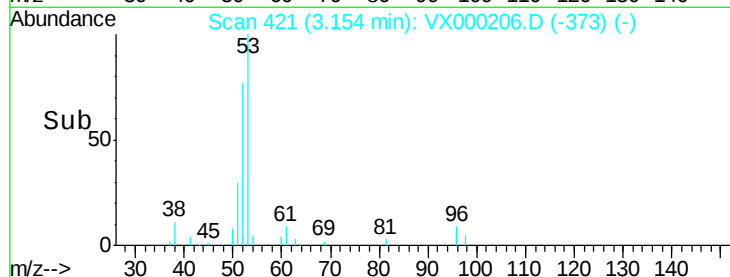
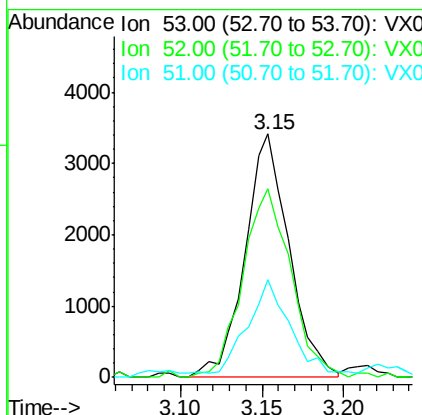
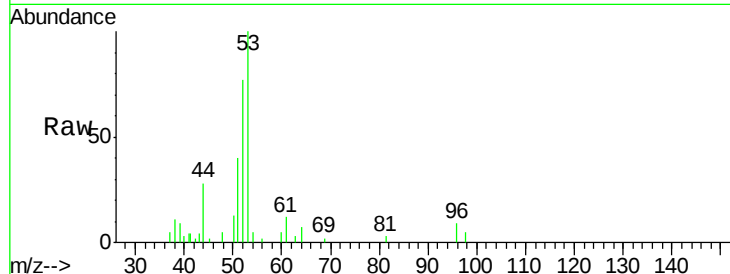
ClientSampled :

VSTDIC001

Tot Ion:	53	Resp:	6437
Ion	Ratio	Lower	Upper
53	100		
52	84.3	66.3	99.5
51	40.2	29.6	44.4

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#16

Acetone

Concen: 6.06 ug/l

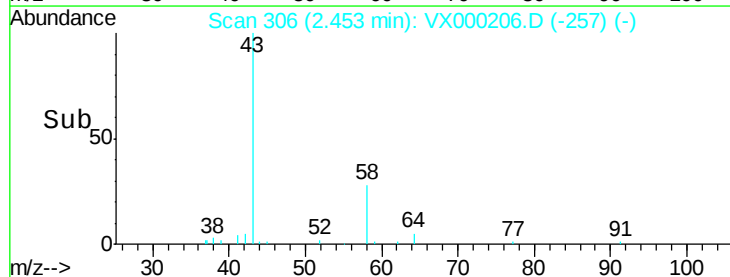
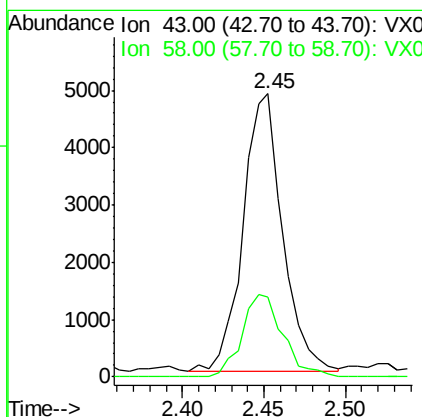
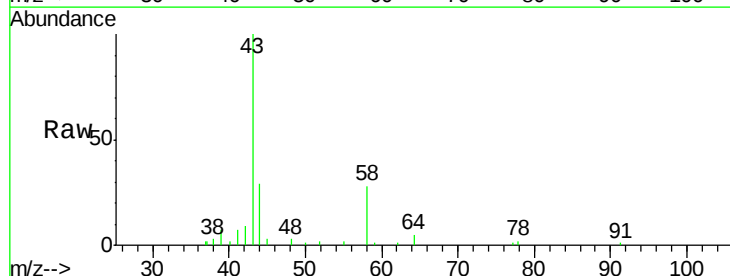
RT: 2.45 min Scan# 306

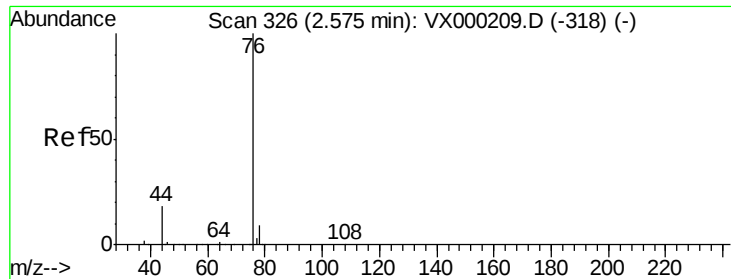
Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Tgt Ion:	43	Resp:	8123
Ion	Ratio	Lower	Upper
43	100		
58	29.1	23.8	35.6





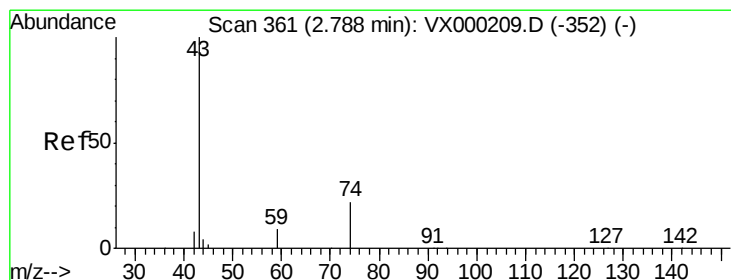
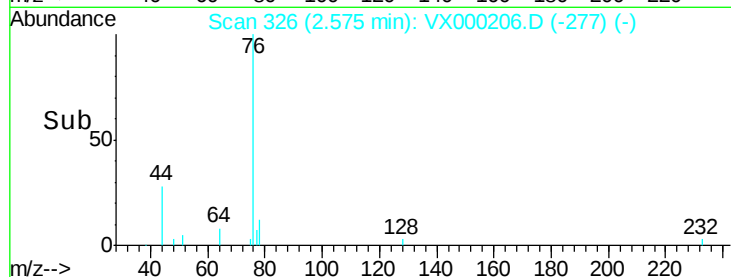
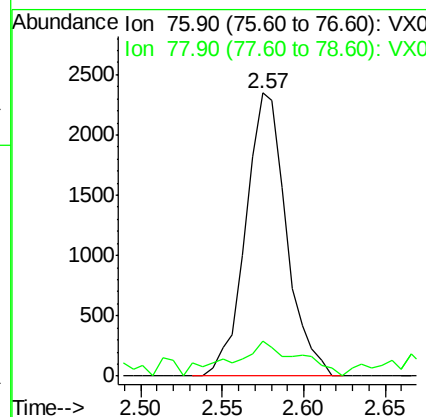
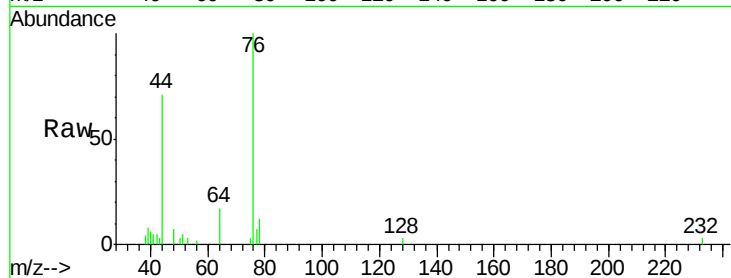
#17
Carbon Disulfide
Concen: 1.04 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 76 Resp: 4083
Ion Ratio Lower Upper
76 100
78 12.4 7.0 10.6#

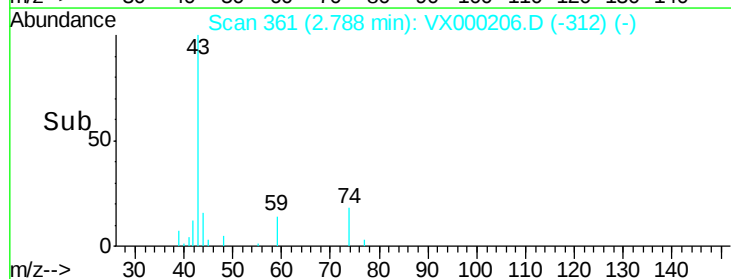
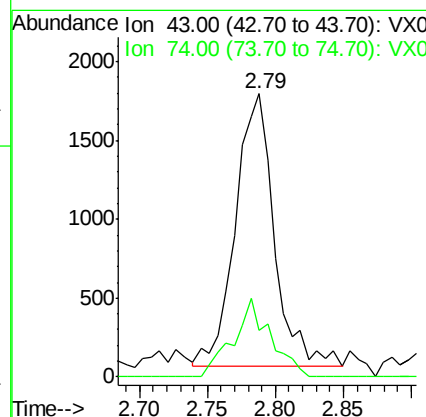
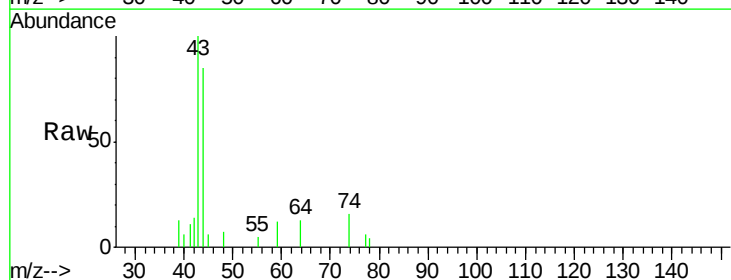
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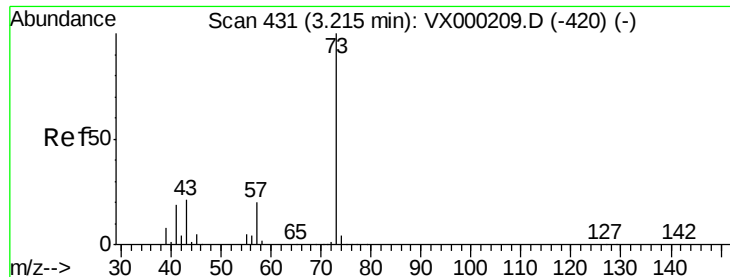
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#18
Methyl Acetate
Concen: 1.21 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Tgt Ion: 43 Resp: 3453
Ion Ratio Lower Upper
43 100
74 27.3 18.9 28.3





#19

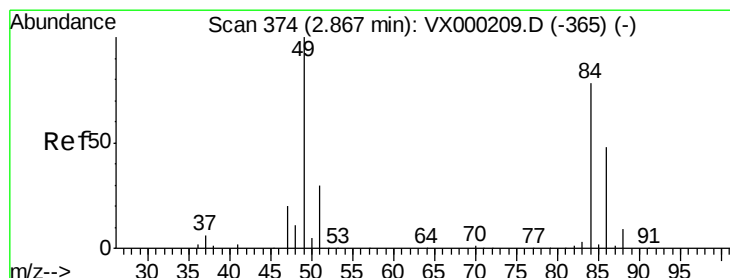
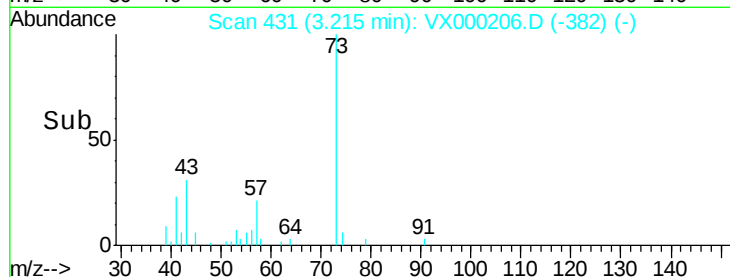
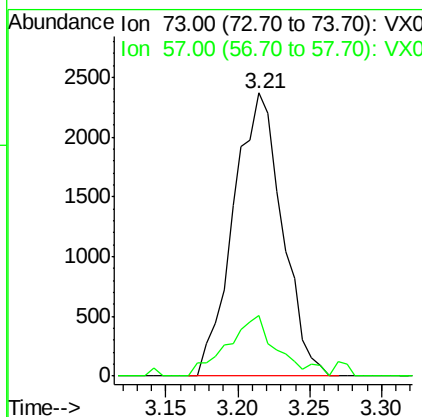
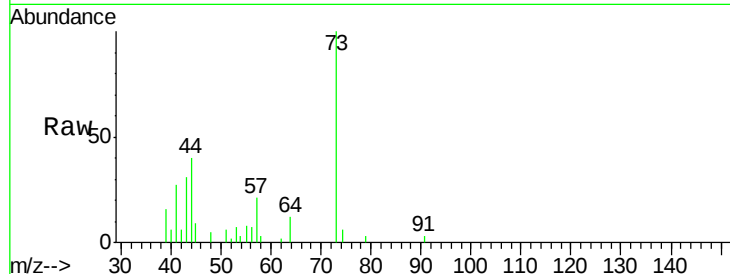
Methyl tert-butyl Ether
 Concen: 1.10 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX000206.D
 Acq: 07 Mar 2018 11:57

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion: 73 Resp: 5593
 Ion Ratio Lower Upper
 73 100
 57 21.2 16.3 24.5

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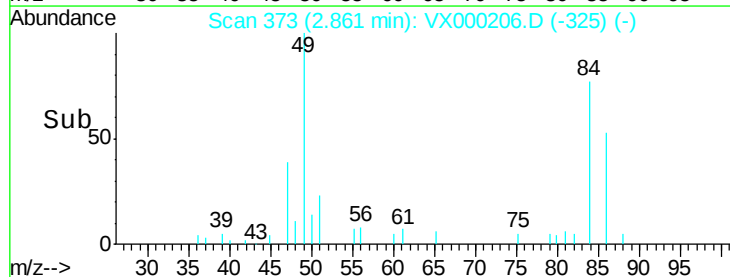
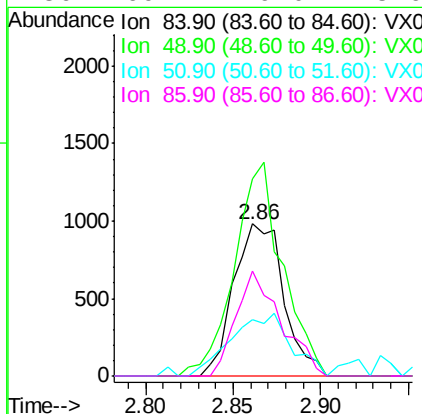
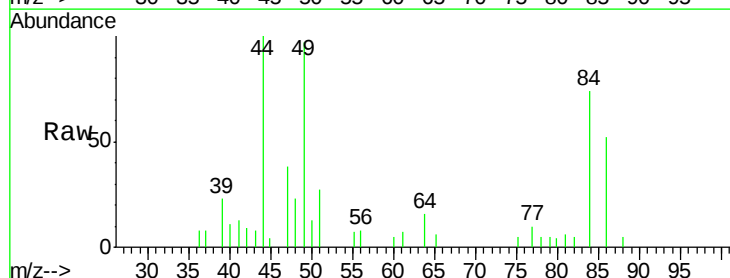
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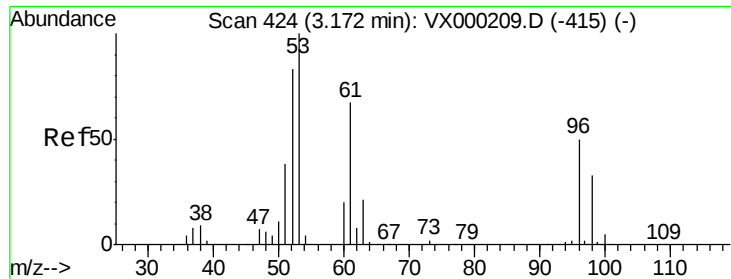


#20

Methylene Chloride
 Concen: 1.23 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX000206.D
 Acq: 07 Mar 2018 11:57

Tgt Ion: 84 Resp: 1964
 Ion Ratio Lower Upper
 84 100
 49 129.7 102.1 153.1
 51 36.6 30.6 45.8
 86 69.2 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 1.08 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

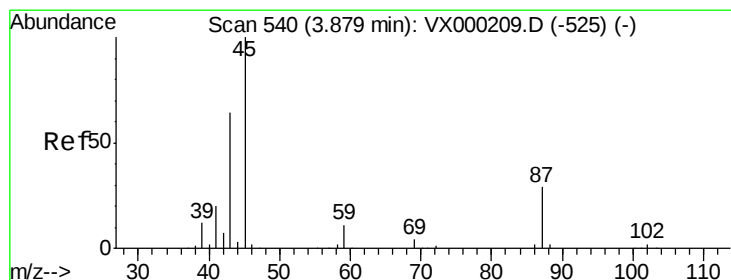
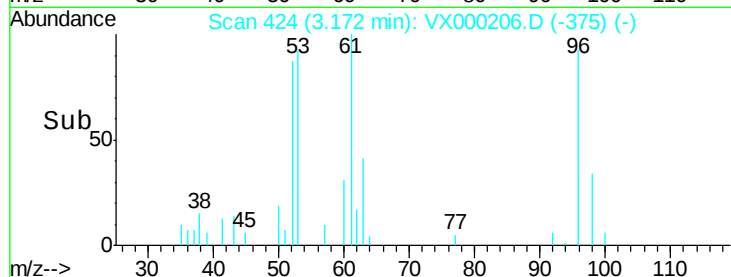
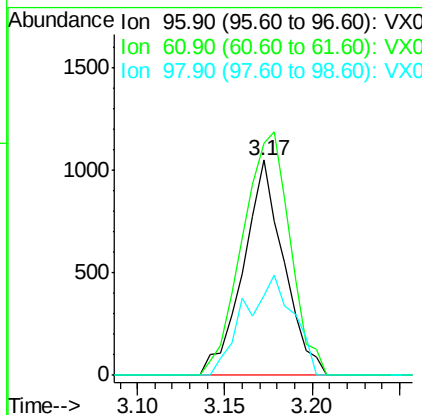
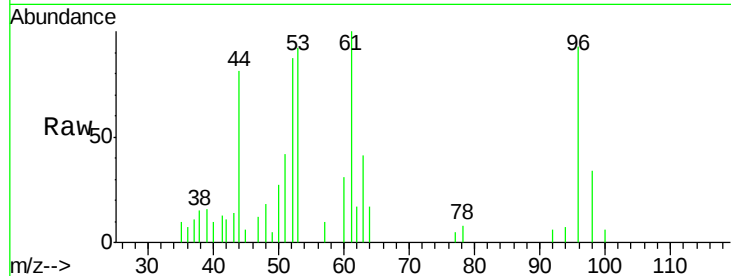
ClientSampled :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	107.8	107.0	160.4
98	37.0	51.8	77.8#

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#22

Diisopropyl ether

Concen: 1.22 ug/l

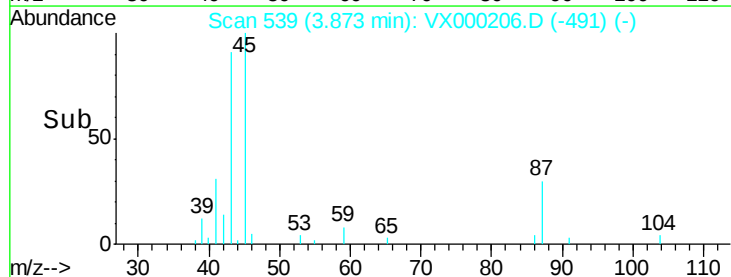
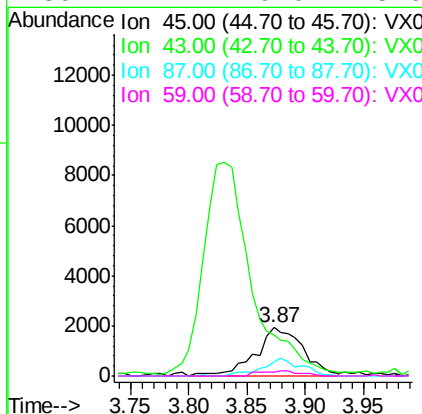
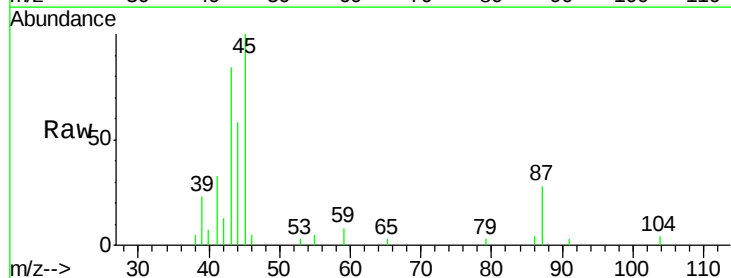
RT: 3.87 min Scan# 539

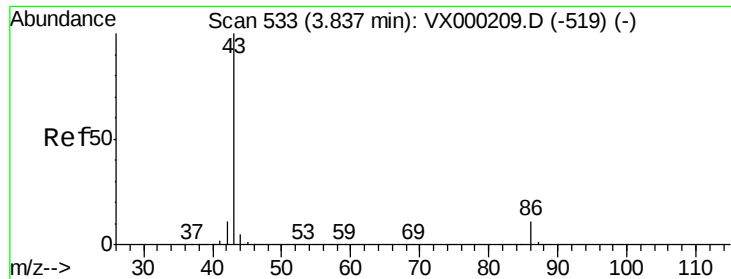
Delta R.T. -0.01 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
45	100		
43	74.8	53.5	80.3
87	28.0	23.3	34.9
59	7.7	9.0	13.6#





#23

Vinyl Acetate

Concen: 5.63 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 24262

Ion Ratio Lower Upper

43 100

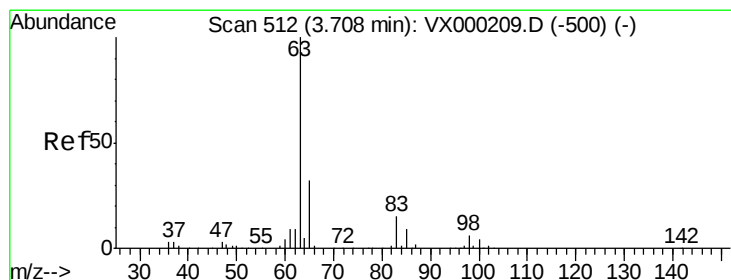
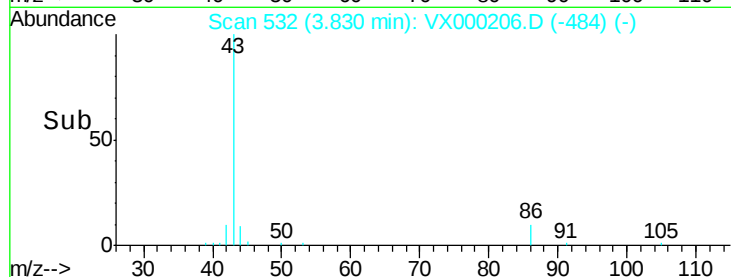
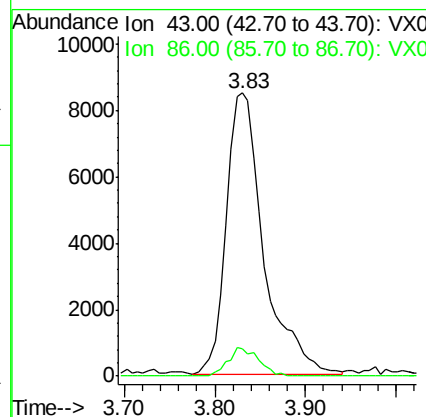
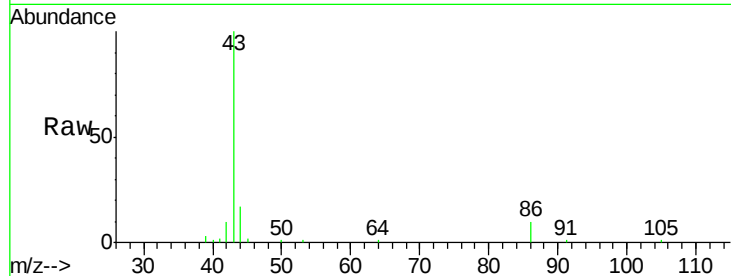
86 9.9 8.5 12.7

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#24

1,1-Dichloroethane

Concen: 1.16 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

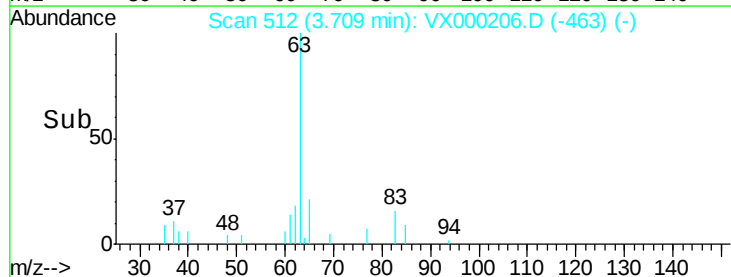
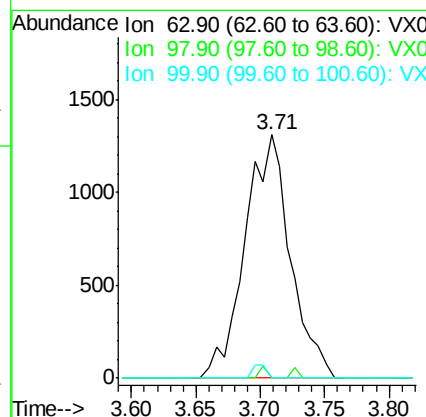
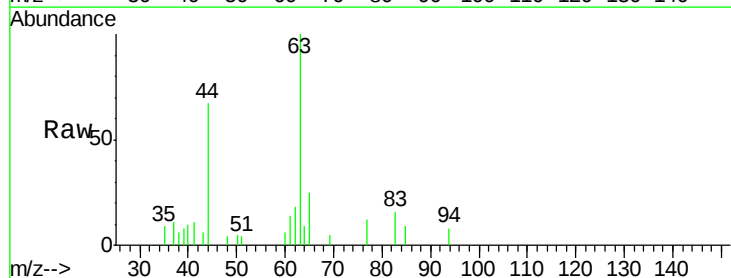
Tgt Ion: 63 Resp: 3202

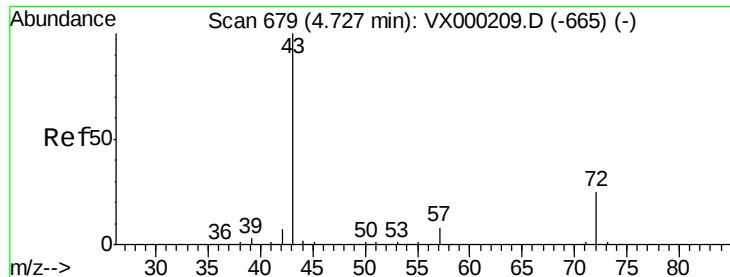
Ion Ratio Lower Upper

63 100

98 0.0 3.1 9.4#

100 0.0 2.2 6.6#





#25

2-Butanone

Concen: 5.77 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 9589

Ion Ratio Lower Upper

43 100

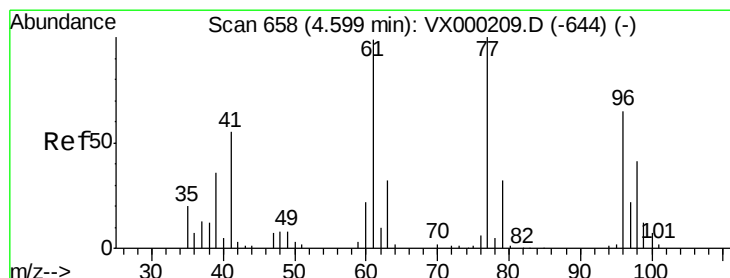
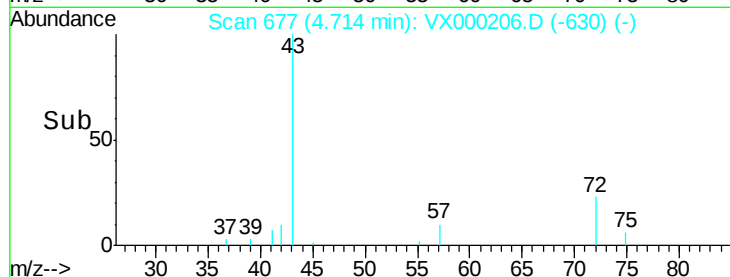
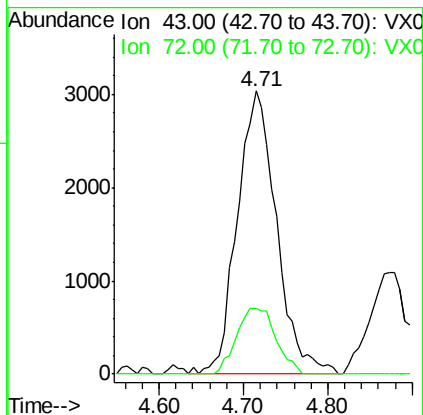
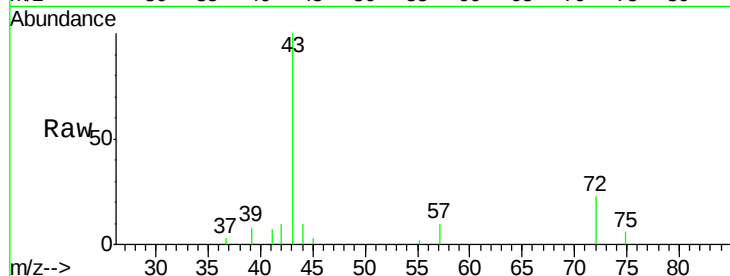
72 23.1 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 1.09 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX000206.D

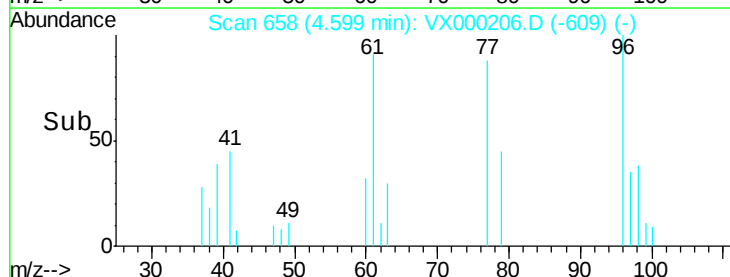
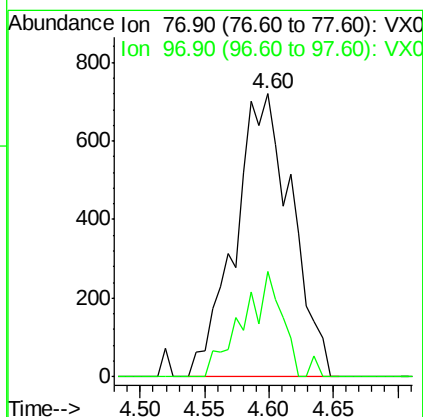
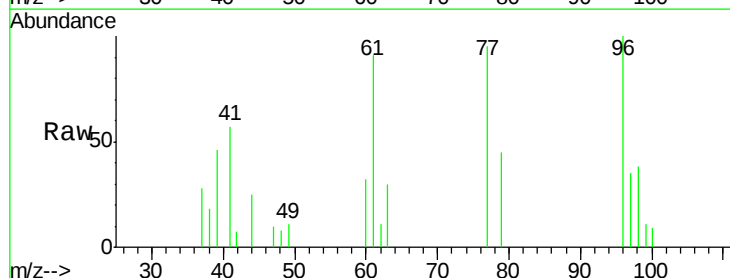
Acq: 07 Mar 2018 11:57

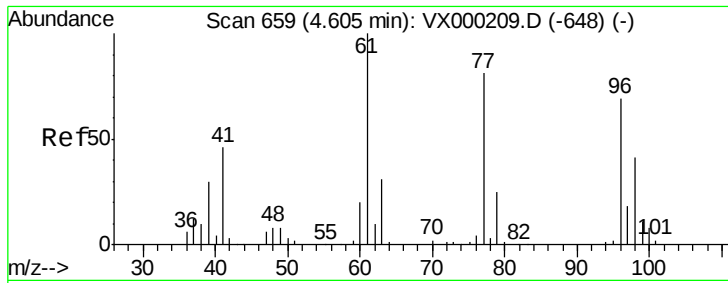
Tgt Ion: 77 Resp: 2205

Ion Ratio Lower Upper

77 100

97 25.4 11.4 34.1





#27

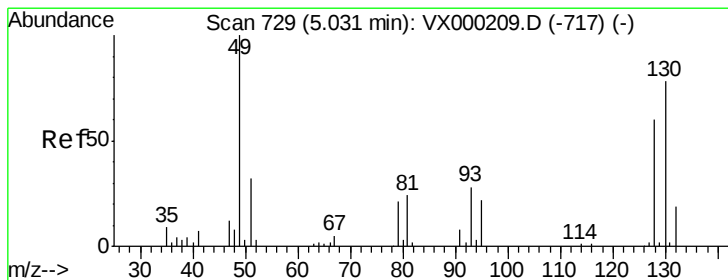
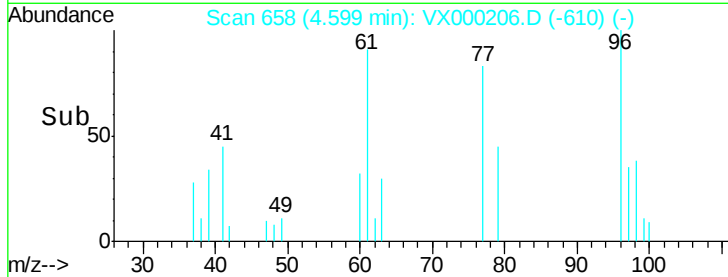
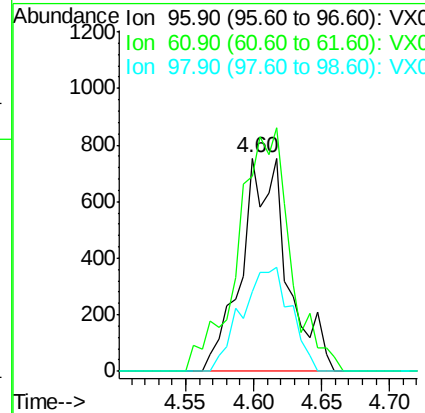
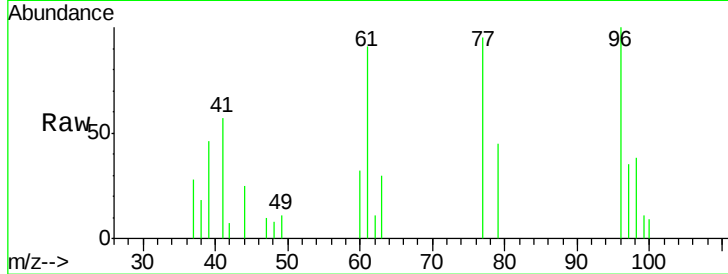
cis-1,2-Dichloroethene
Concen: 1.19 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.8	0.0	296.4
98	52.1	0.0	130.6

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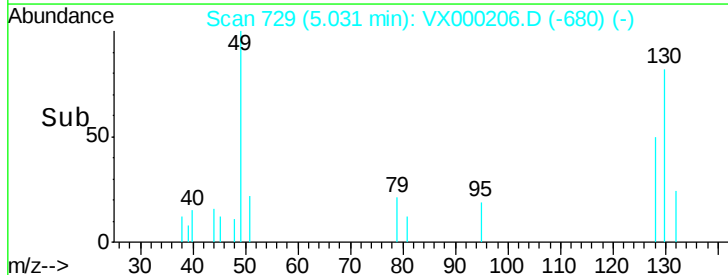
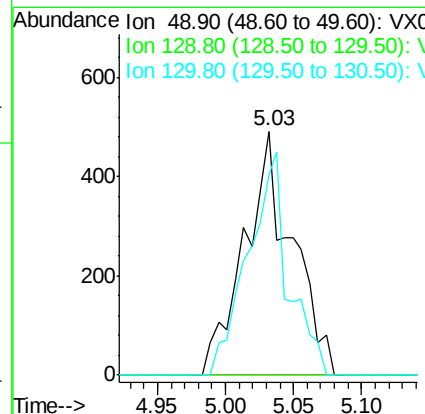
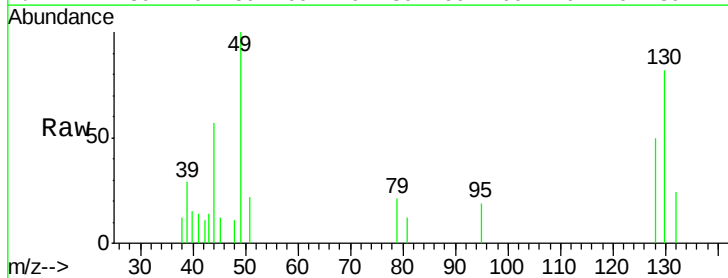
apatel
3/8/2018 10:42:06 AM

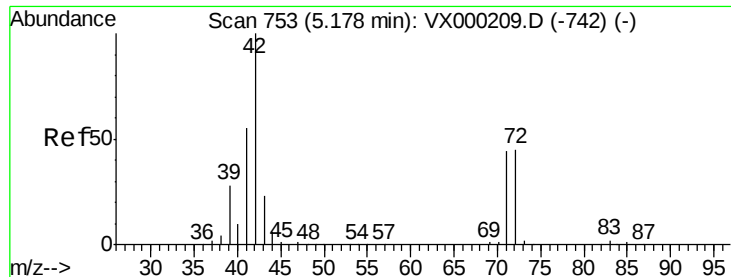


#28

Bromochloromethane
Concen: 0.98 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	77.7	63.5	95.3





#29

Tetrahydrofuran

Concen: 5.64 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

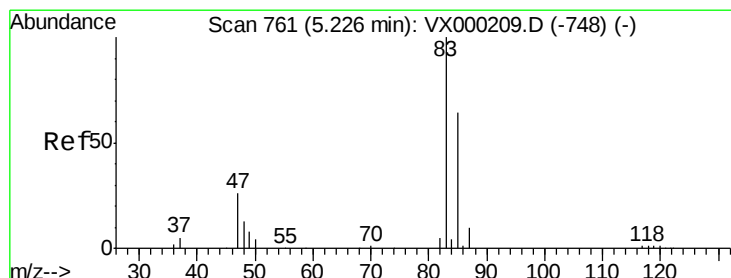
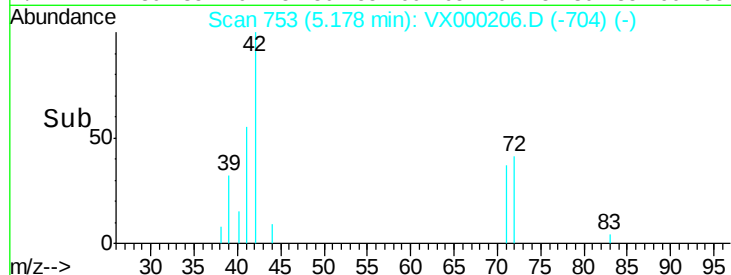
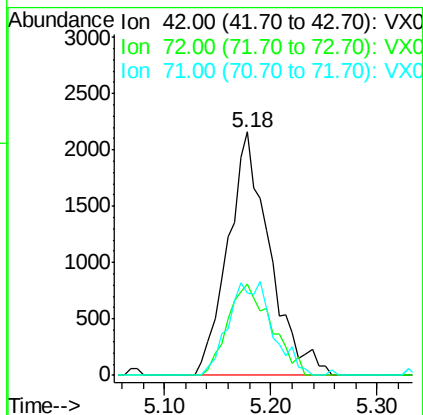
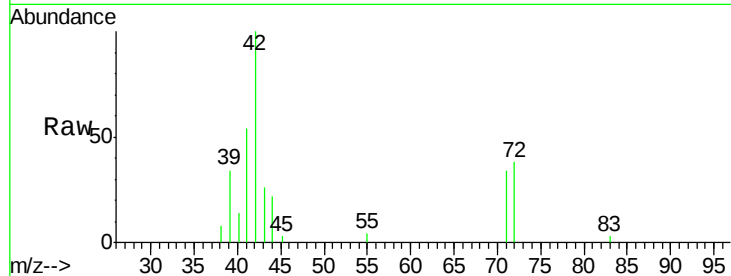
ClientSampled :

VSTDIC001

Tot Ion:	42	Resp:	5907
Ion	Ratio	Lower	Upper
42	100		
72	39.3	37.3	55.9
71	40.4	35.0	52.4

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#30

Chloroform

Concen: 1.11 ug/l

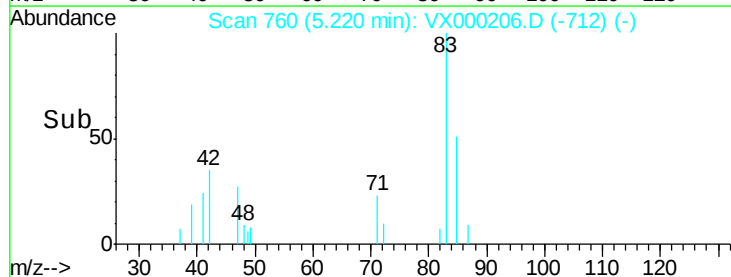
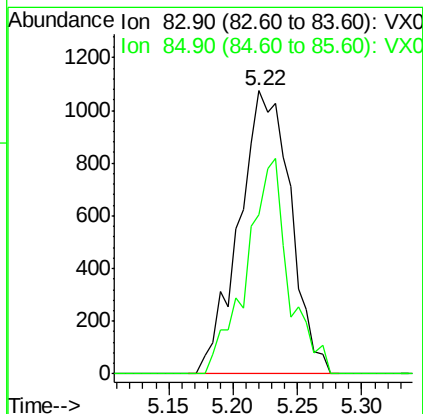
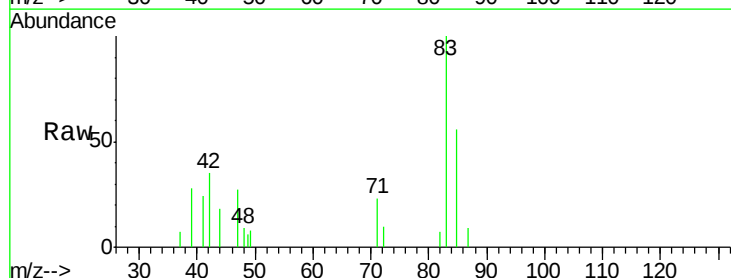
RT: 5.22 min Scan# 760

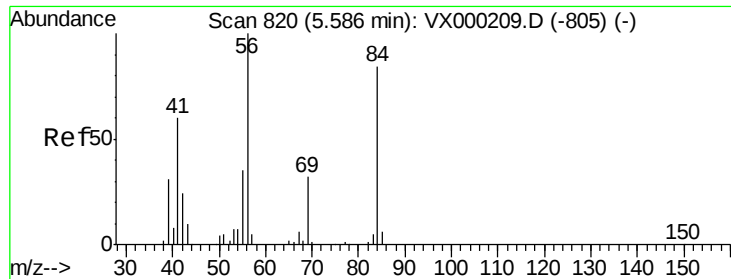
Delta R.T. -0.01 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Tgt Ion:	83	Resp:	2987
Ion	Ratio	Lower	Upper
83	100		
85	56.1	51.0	76.6





#31

Cyclohexane

Concen: 0.92 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

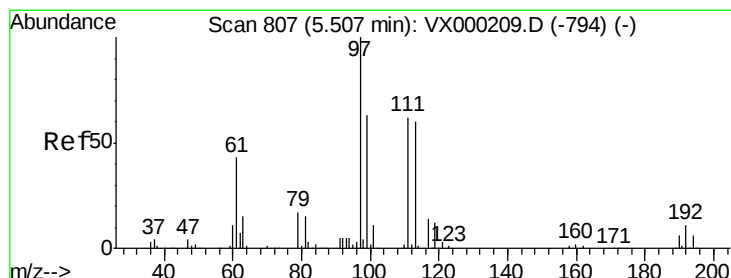
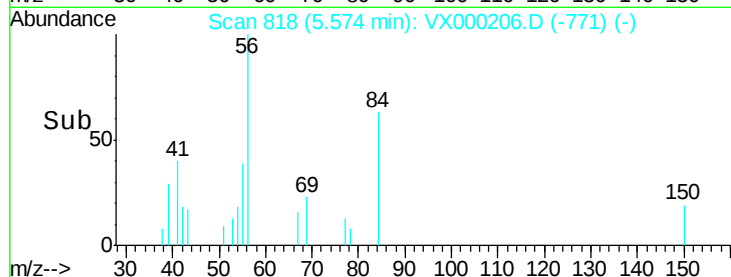
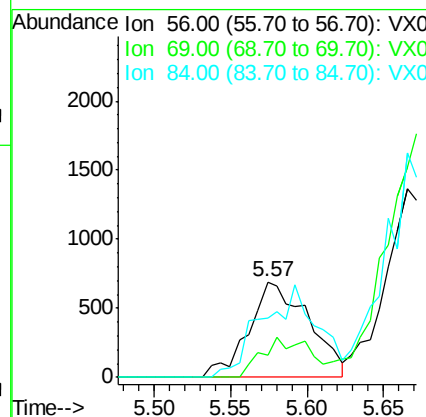
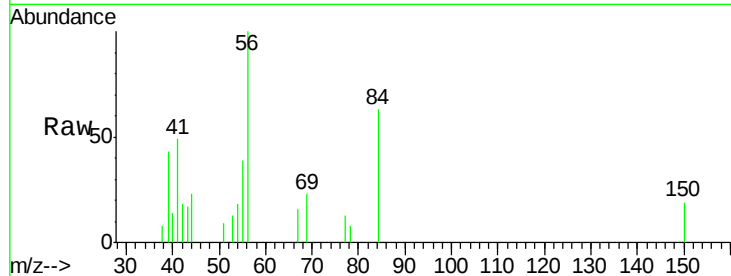
ClientSampled :

VSTDIC001

Tot Ion:	56	Resp:	1893
Ion	Ratio	Lower	Upper
56	100		
69	22.6	25.3	37.9#
84	62.7	67.2	100.8#

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#32

1,1,1-Trichloroethane

Concen: 0.98 ug/l

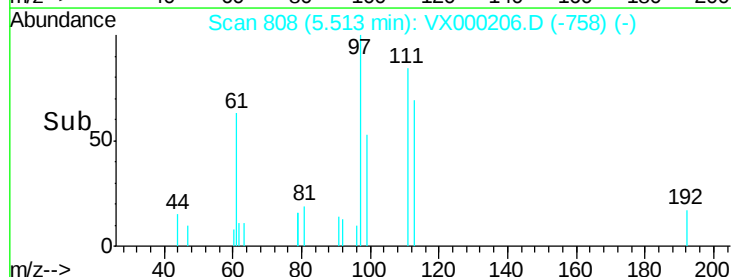
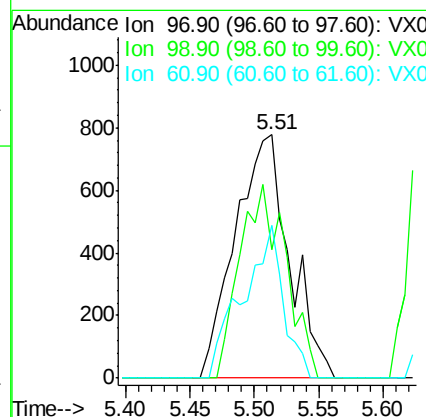
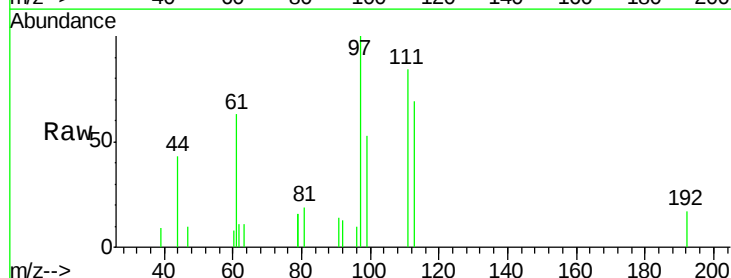
RT: 5.51 min Scan# 808

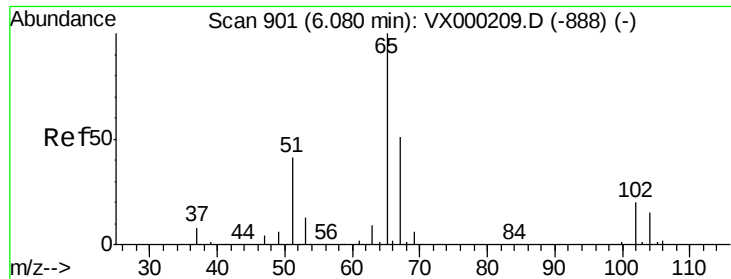
Delta R.T. 0.01 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Tgt Ion:	97	Resp:	2283
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.9	76.3#
61	46.8	35.4	53.0





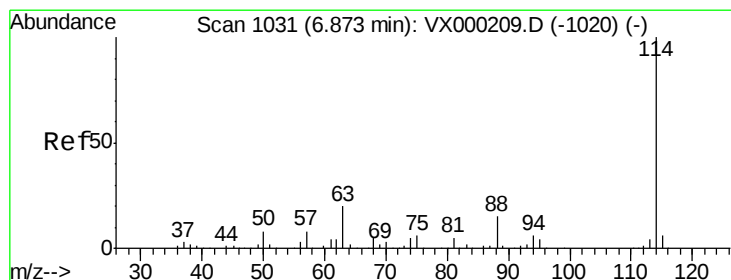
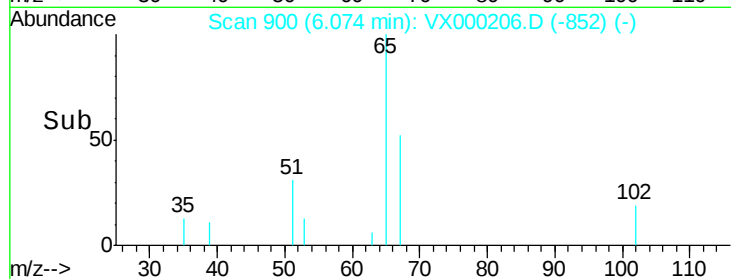
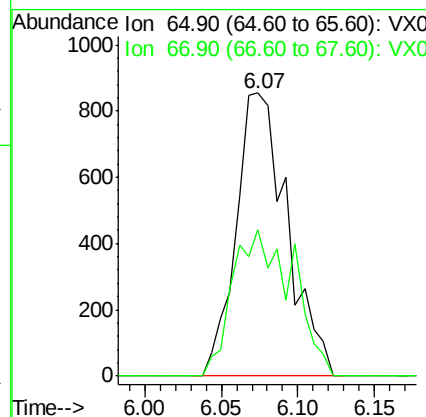
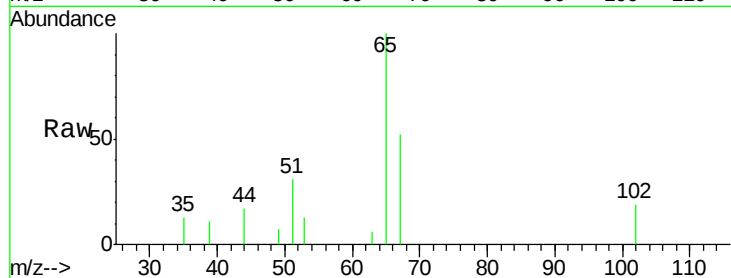
#33
 1,2-Dichloroethane-d4
 Concen: 1.01 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000206.D
 Acq: 07 Mar 2018 11:57

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
65	100		
67	60.7	0.0	103.4

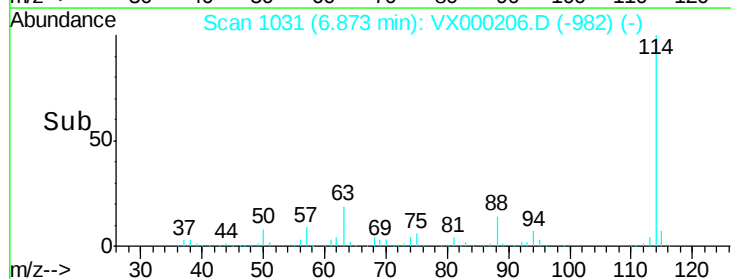
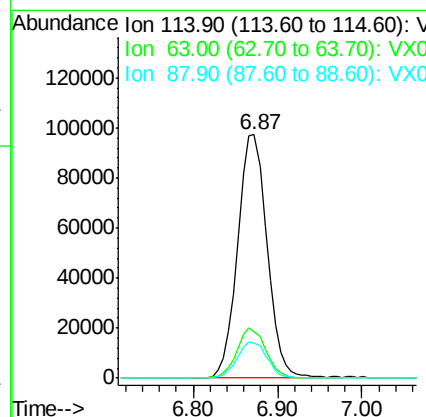
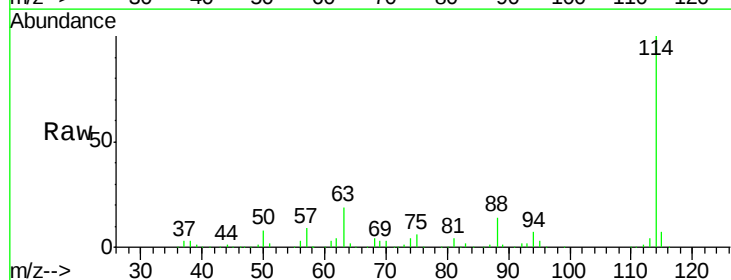
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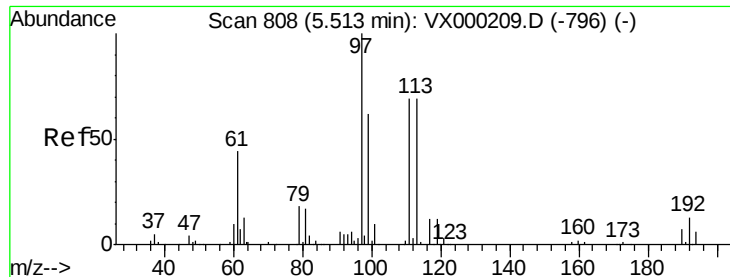
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000206.D
 Acq: 07 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.2
88	14.3	0.0	29.8





#35

Dibromofluoromethane

Concen: 0.84 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

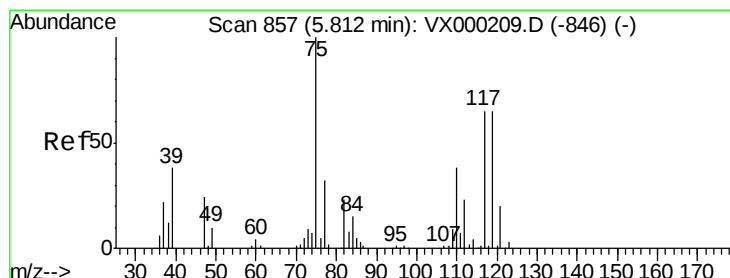
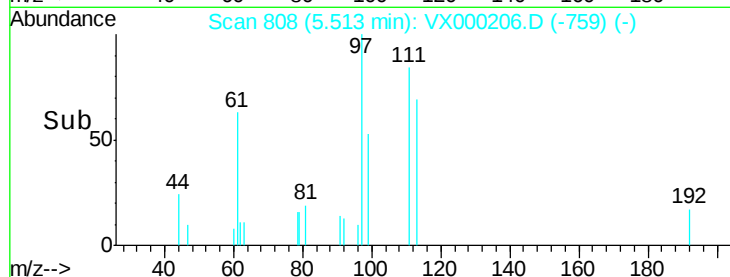
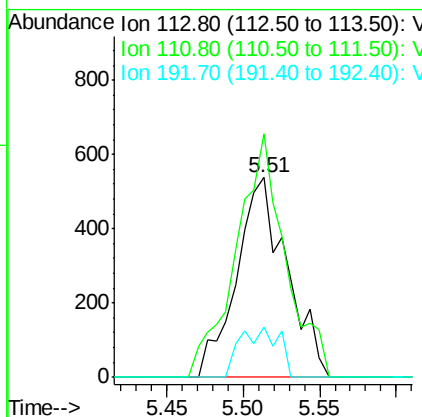
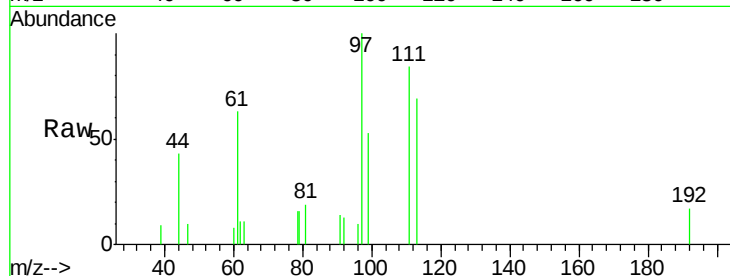
ClientSampled :

VSTDIC001

Tot Ion:	113	Resp:	1231
Ion	Ratio	Lower	Upper
113	100		
111	119.2	83.0	124.6
192	9.2	15.5	23.3#

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 1.05 ug/l

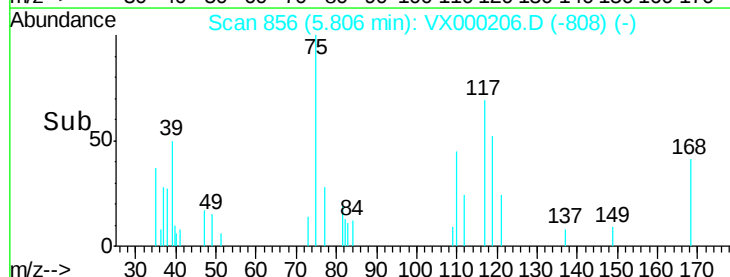
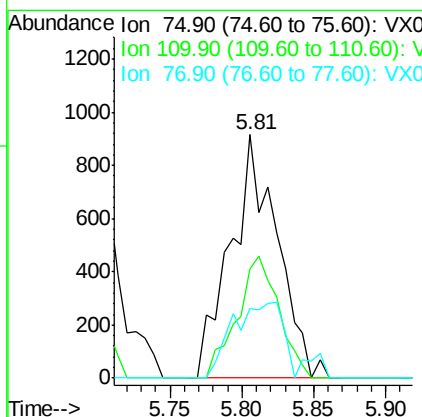
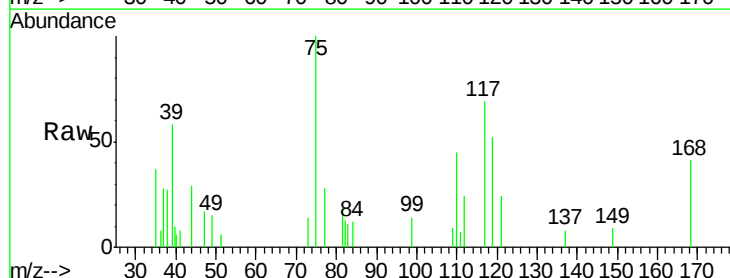
RT: 5.81 min Scan# 856

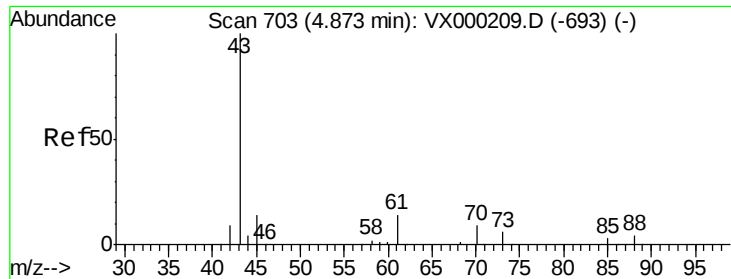
Delta R.T. -0.01 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Tgt Ion:	75	Resp:	2056
Ion	Ratio	Lower	Upper
75	100		
110	44.9	17.8	53.5
77	33.6	24.9	37.3





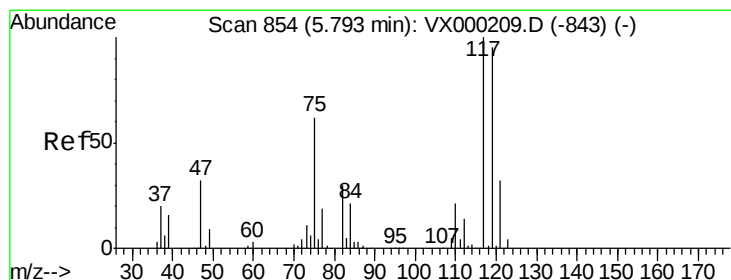
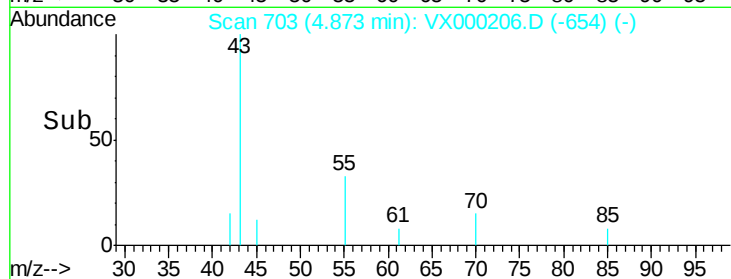
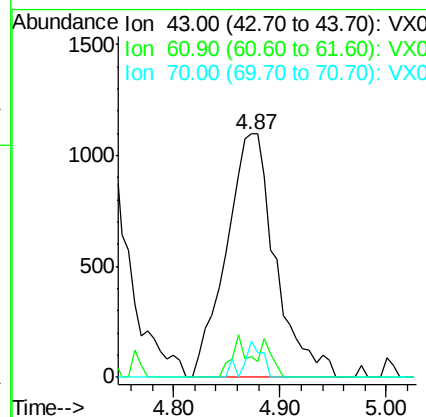
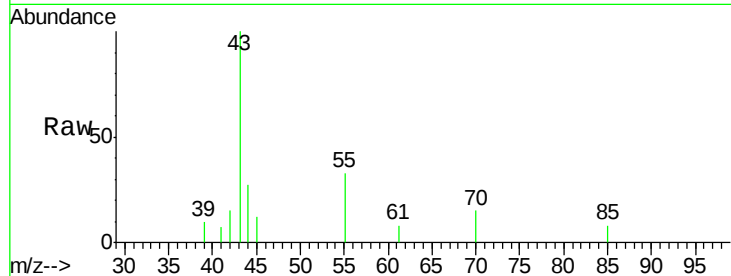
#37
Ethyl Acetate
Concen: 1.25 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
61	6.1	11.0	16.6#
70	5.5	7.8	11.6#

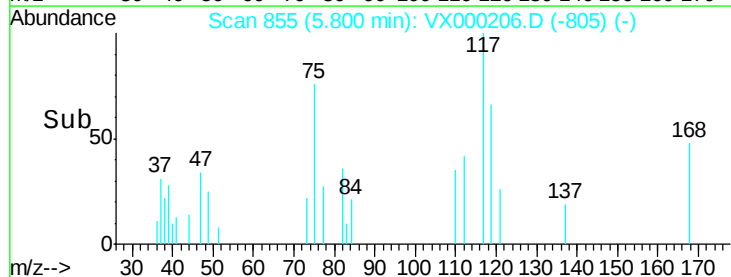
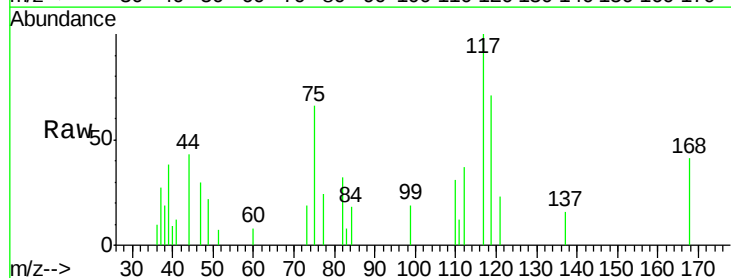
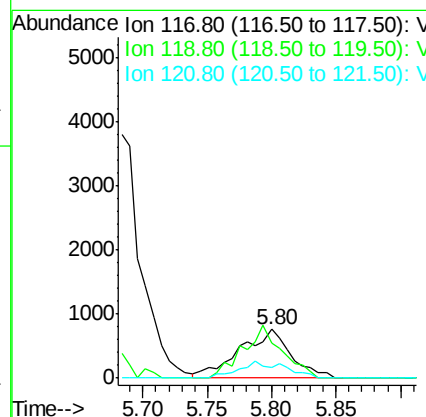
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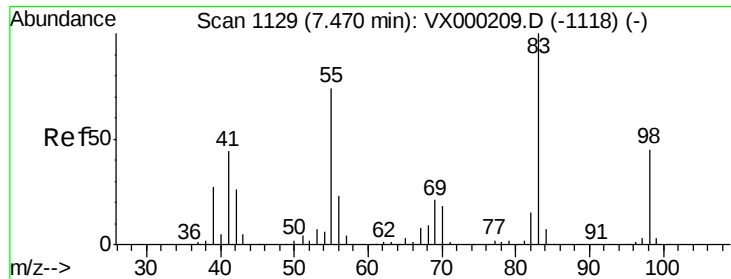
apatel
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#38
Carbon Tetrachloride
Concen: 1.06 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	70.6	75.9	113.9#
121	22.9	25.8	38.6#





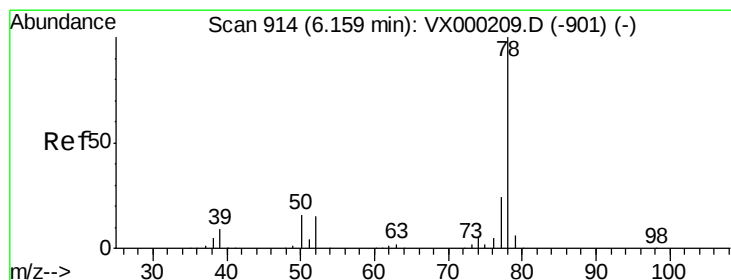
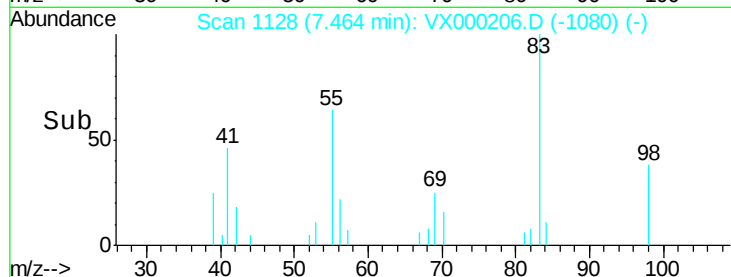
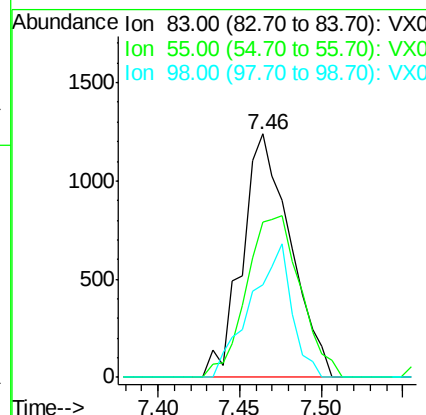
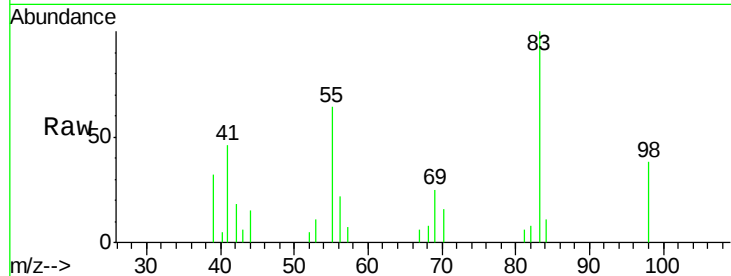
#39
Methvlcvclohexane
Concen: 1.06 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	83	Resp:	2541
Ion Ratio	100	Lower	Upper
83	100		
55	64.0	59.4	89.0
98	38.3	36.3	54.5

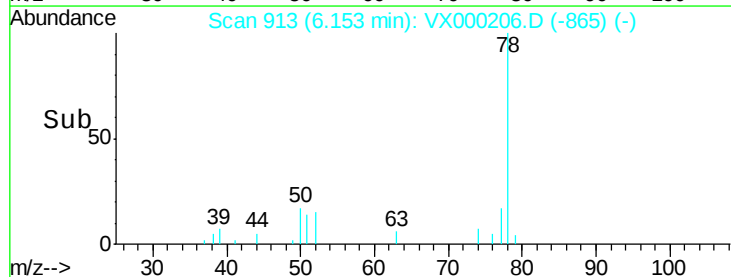
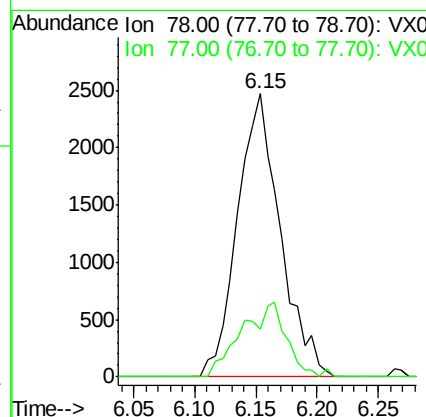
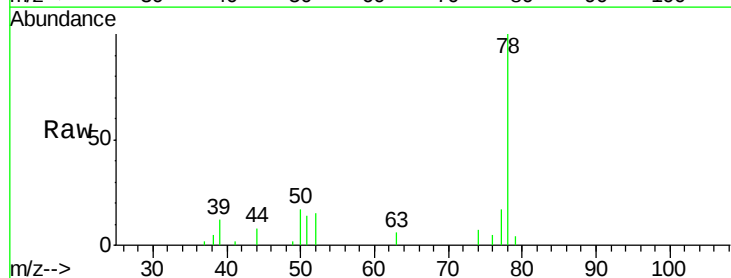
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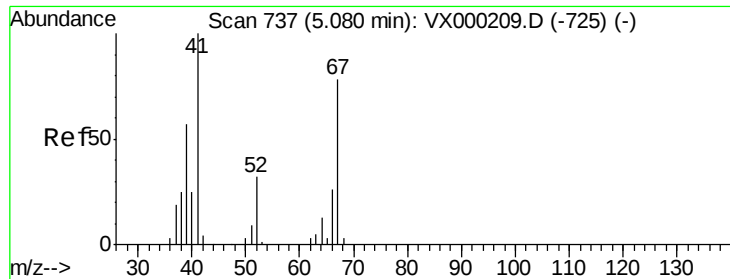
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#40
Benzene
Concen: 1.06 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Tgt Ion	78	Resp:	6009
Ion Ratio	100	Lower	Upper
78	100		
77	17.0	19.4	29.2





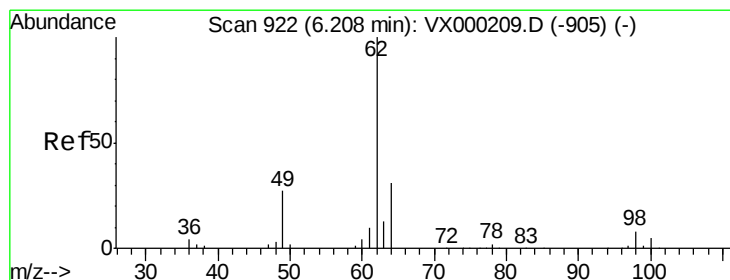
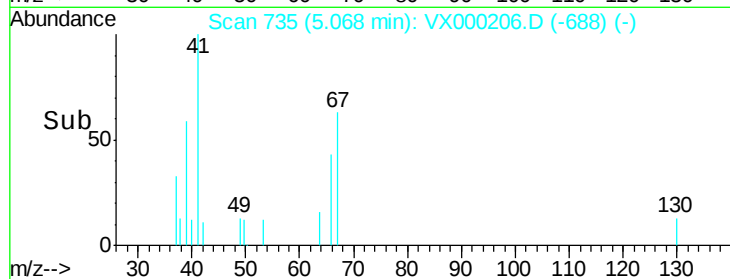
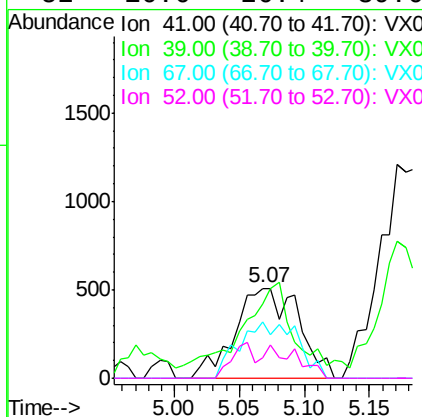
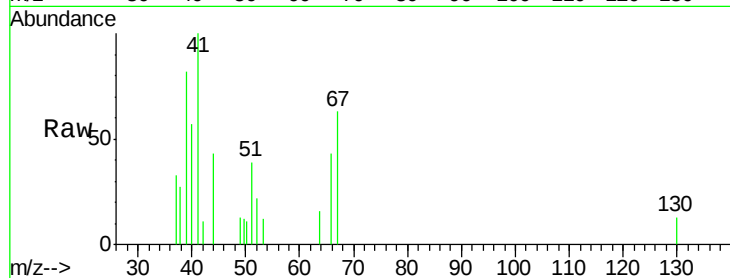
#41
Methacrylonitrile
Concen: 1.22 ug/l m
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:	41	Resp:	1756
Ion	Ratio	Lower	Upper
41	100		
39	78.1	47.8	71.6#
67	32.2	59.3	88.9#
52	16.6	26.4	39.6#

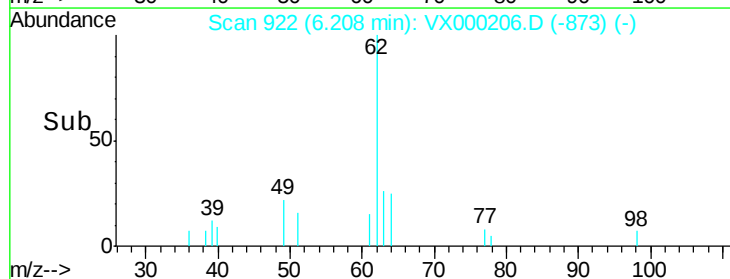
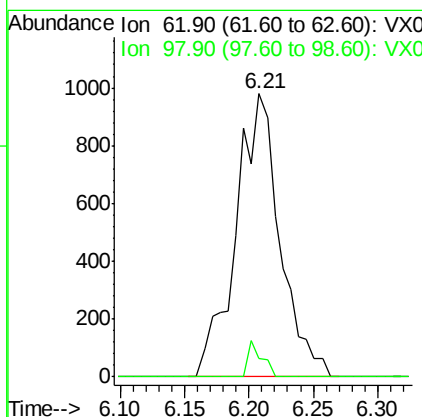
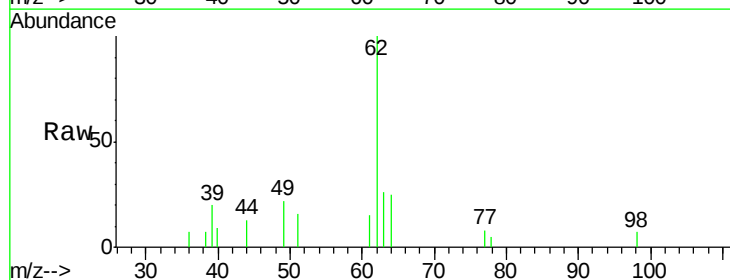
Manual Integrations
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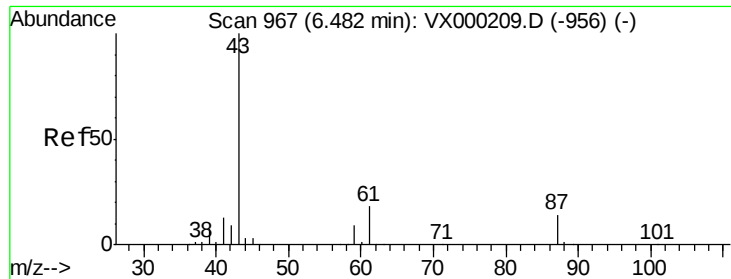
apatel
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#42
1,2-Dichloroethane
Concen: 1.04 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Tgt Ion:	62	Resp:	2322
Ion	Ratio	Lower	Upper
62	100		
98	3.9	0.0	16.2





#43

Isopropyl Acetate

Concen: 1.10 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

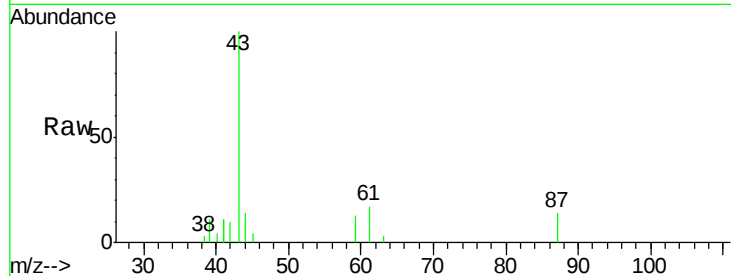
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	4506
Ion	Ratio	Lower	Upper
43	100		
61	20.3	14.8	22.2
87	14.5	10.6	16.0

Manual Integrations
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3/8/2018 10:42:06 AM

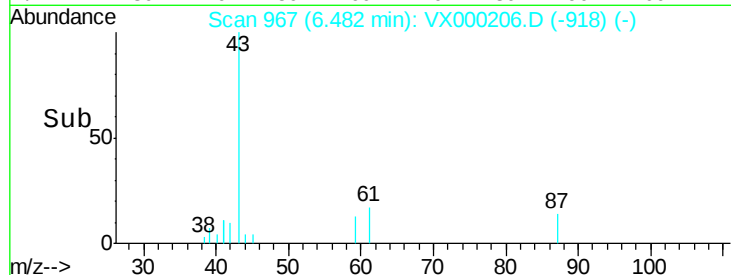


Abundance Ion 43.00 (42.70 to 43.70): VX000209.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VX000209.D (-956) (-)

Ion 87.00 (86.70 to 87.70): VX000209.D (-956) (-)

Time-->

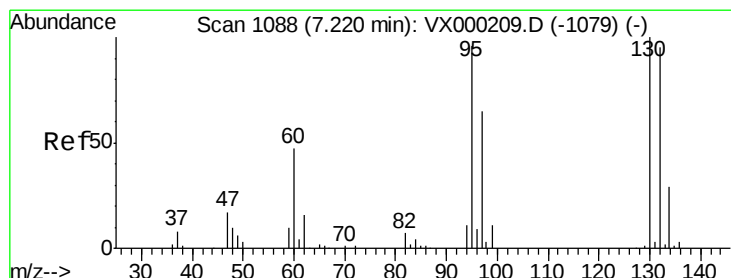


Abundance Ion 43.00 (42.70 to 43.70): VX000206.D (-918) (-)

Ion 61.00 (60.70 to 61.70): VX000206.D (-918) (-)

Ion 87.00 (86.70 to 87.70): VX000206.D (-918) (-)

Time-->



#44

Trichloroethene

Concen: 1.03 ug/l

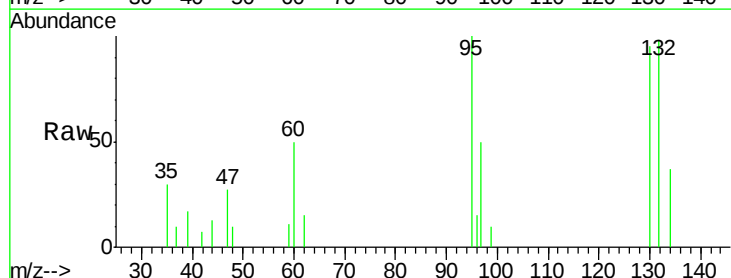
RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

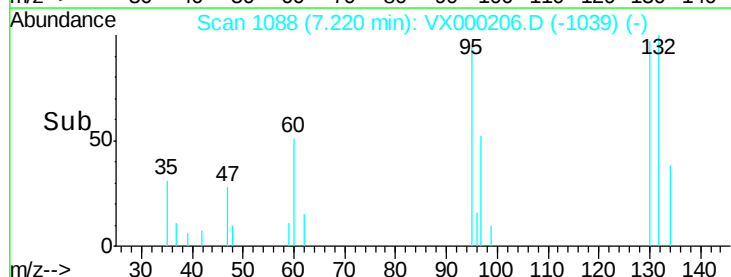
Tgt Ion:	130	Resp:	1678
Ion	Ratio	Lower	Upper
130	100		
95	105.3	0.0	191.8



Abundance Ion 129.80 (129.50 to 130.50): VX000209.D (-1079) (-)

Ion 94.90 (94.60 to 95.60): VX000209.D (-1079) (-)

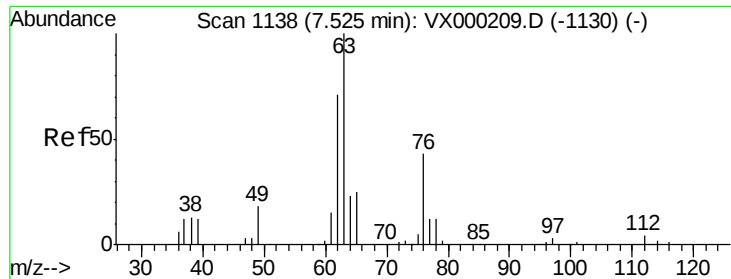
Time-->



Abundance Ion 129.80 (129.50 to 130.50): VX000206.D (-1039) (-)

Ion 94.90 (94.60 to 95.60): VX000206.D (-1039) (-)

Time-->



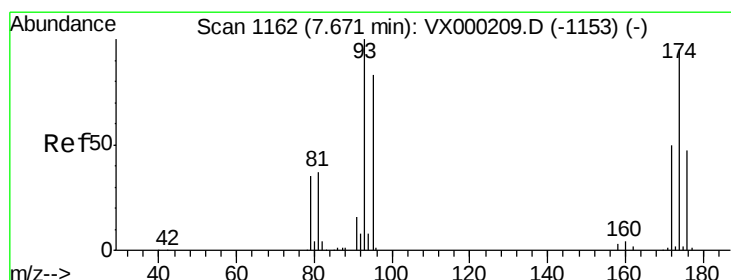
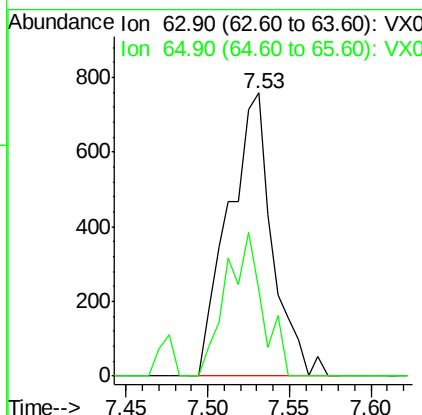
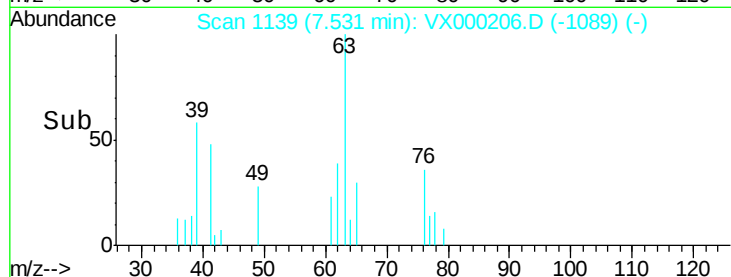
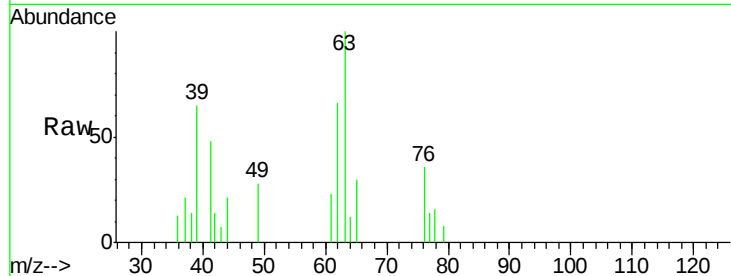
#45
 1,2-Dichloropropane
 Concen: 0.99 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000206.D
 Acq: 07 Mar 2018 11:57

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion: 63 Resp: 1424
 Ion Ratio Lower Upper
 63 100
 65 30.5 22.3 33.5

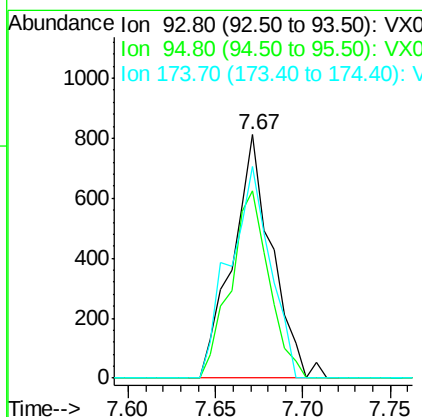
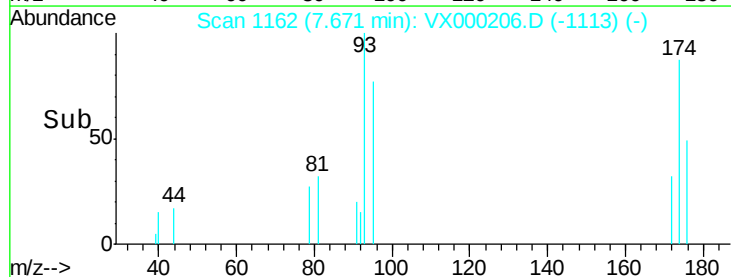
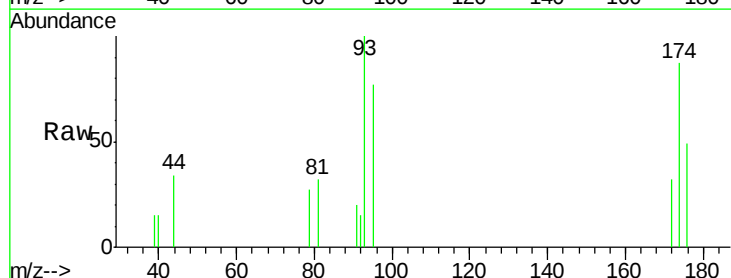
Manual Integrations
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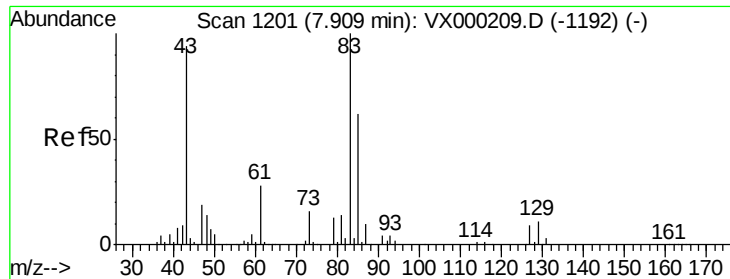
apatel
 3/8/2018 10:42:06 AM



#46
 Dibromomethane
 Concen: 1.12 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000206.D
 Acq: 07 Mar 2018 11:57

Tgt Ion: 93 Resp: 1273
 Ion Ratio Lower Upper
 93 100
 95 75.2 64.1 96.1
 174 89.2 75.8 113.8





#47

Bromodichloromethane

Concen: 0.94 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

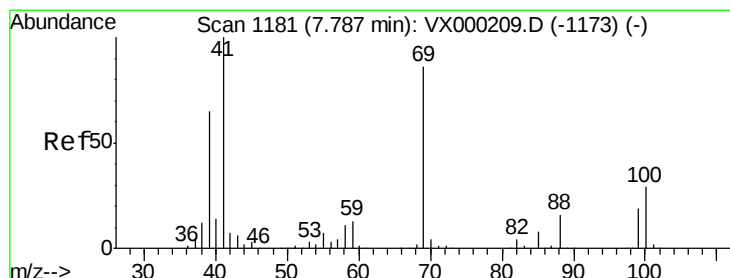
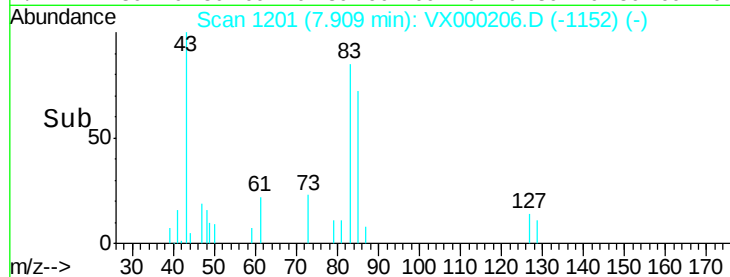
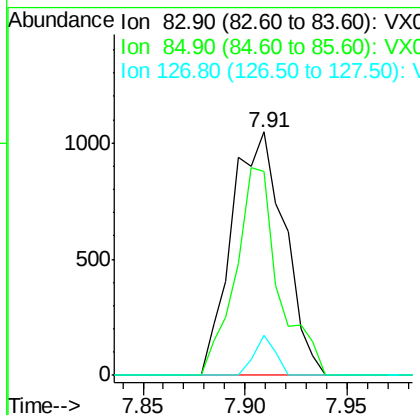
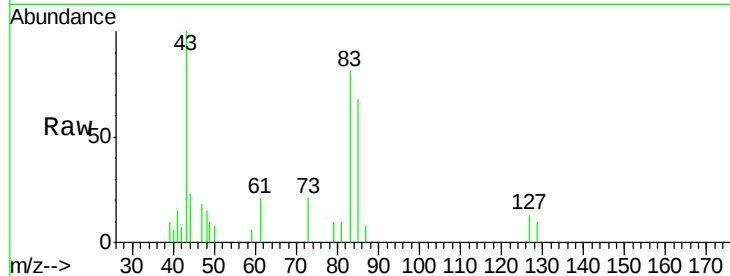
ClientSampled :

VSTDIC001

Tot Ion:	83	Resp:	1887
Ion	Ratio	Lower	Upper
83	100		
85	84.0	49.6	74.4#
127	16.4	7.0	10.4#

Manual Integrations
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#48

Methyl methacrylate

Concen: 1.12 ug/l

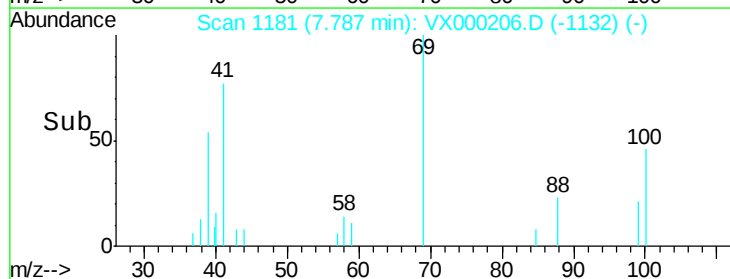
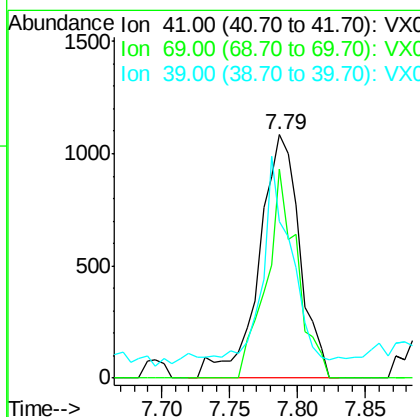
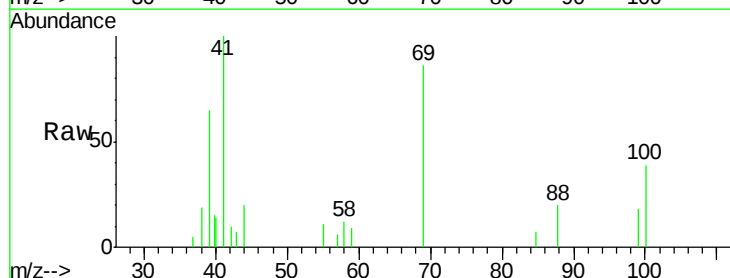
RT: 7.79 min Scan# 1181

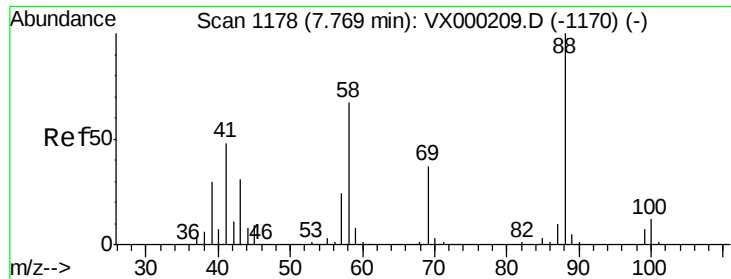
Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Tgt Ion:	41	Resp:	2272
Ion	Ratio	Lower	Upper
41	100		
69	64.5	70.0	105.0#
39	58.9	53.6	80.4





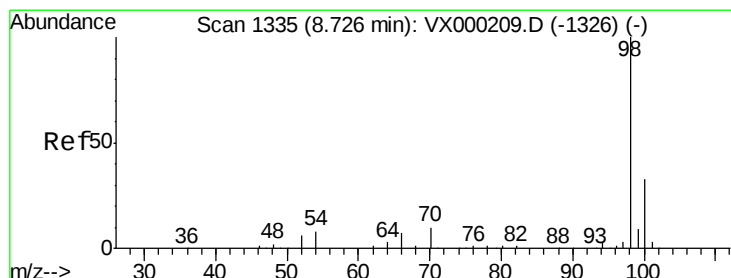
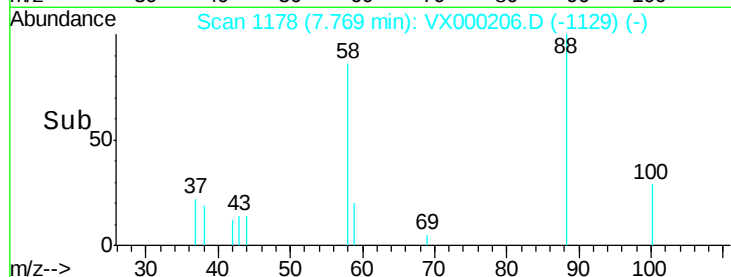
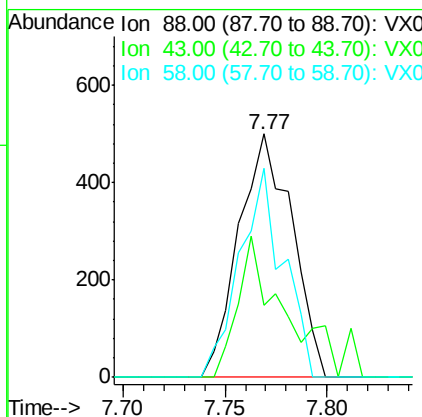
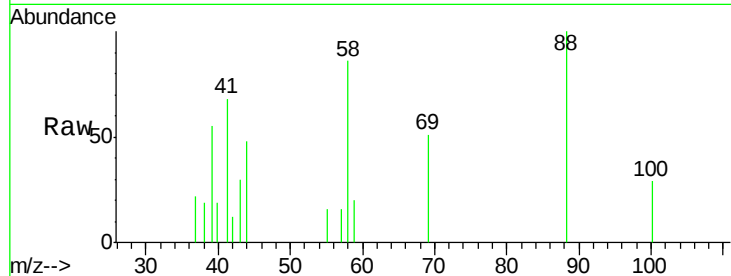
#49
1,4-Dioxane
Concen: 19.45 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
88	100		
43	53.8	26.9	40.3#
58	70.3	52.2	78.4

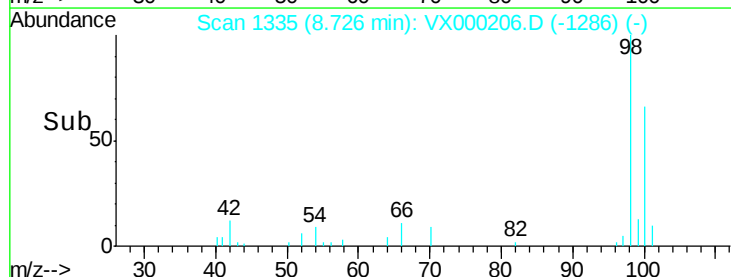
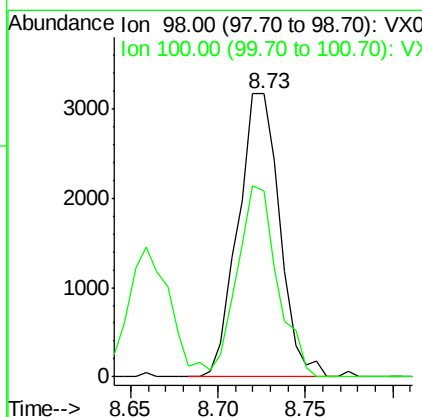
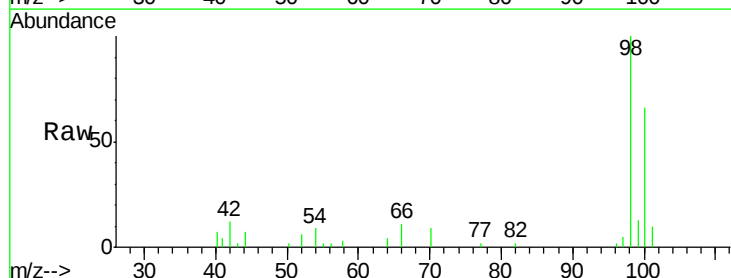
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#50
Toluene-d8
Concen: 0.86 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 4.93 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 15387

Ion Ratio Lower Upper

43 100

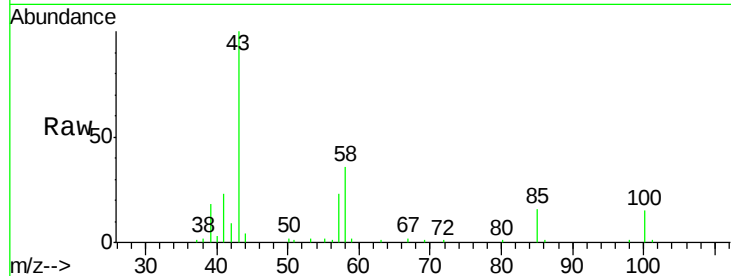
58 37.9 30.2 45.2

Manual Integrations

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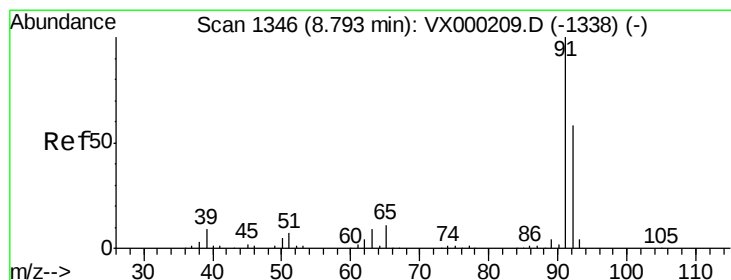
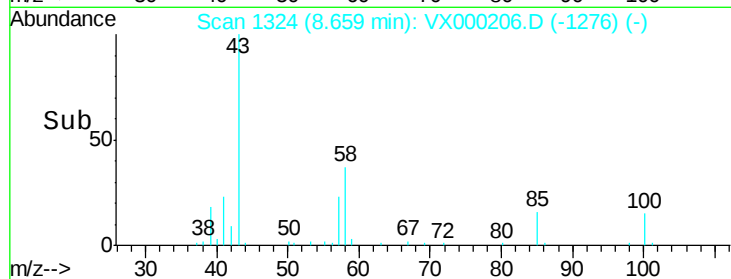
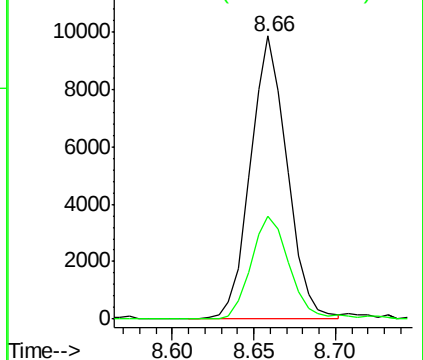
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.96 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000206.D

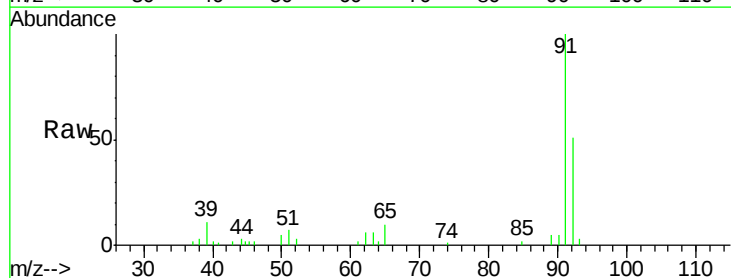
Acq: 07 Mar 2018 11:57

Tgt Ion: 92 Resp: 3752

Ion Ratio Lower Upper

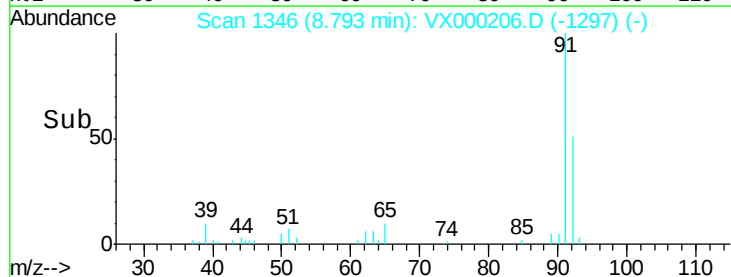
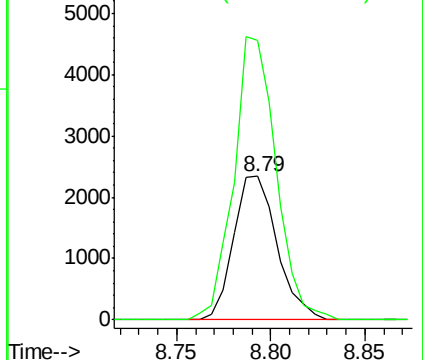
92 100

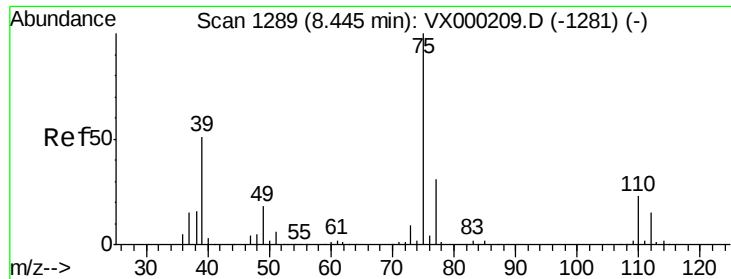
91 192.3 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





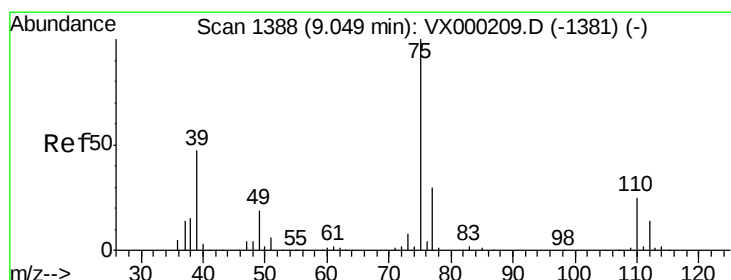
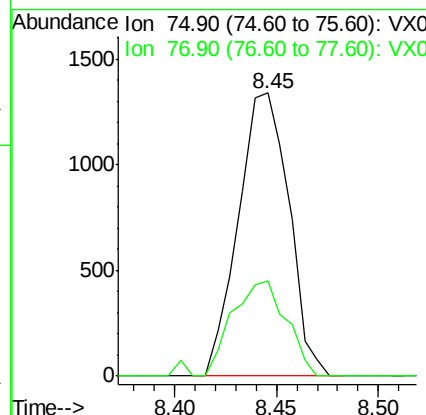
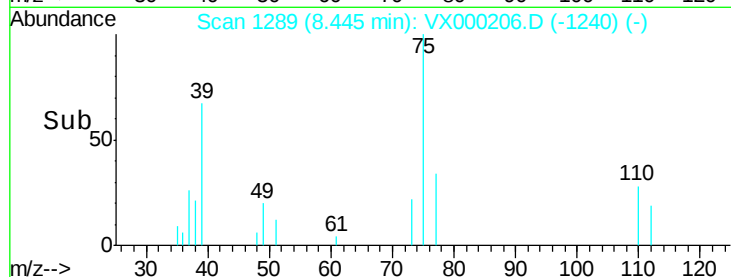
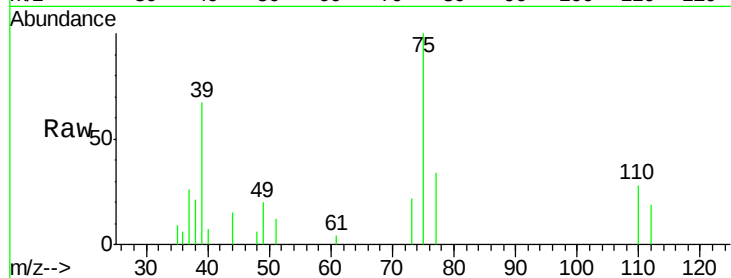
#53
t-1,3-Dichloropropene
Concen: 0.97 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 75 Resp: 2304
Ion Ratio Lower Upper
75 100
77 33.5 24.8 37.2

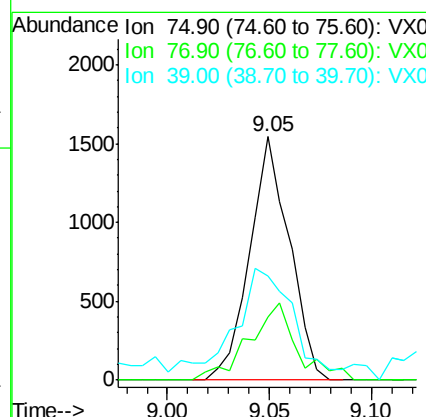
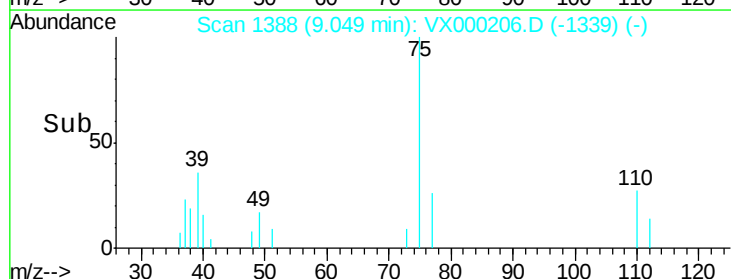
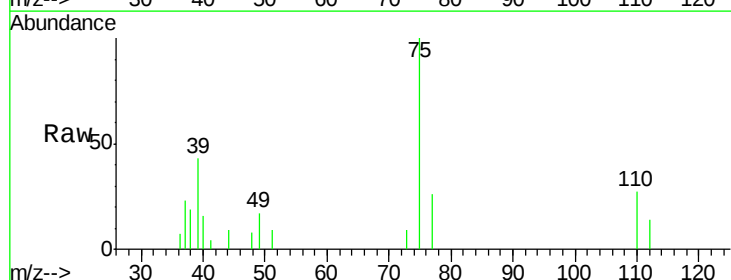
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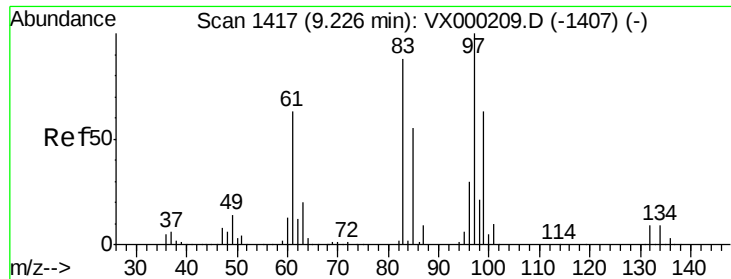
apatel
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#54
cis-1,3-Dichloropropene
Concen: 0.90 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Tgt Ion: 75 Resp: 2089
Ion Ratio Lower Upper
75 100
77 26.0 23.9 35.9
39 38.2 37.4 56.2





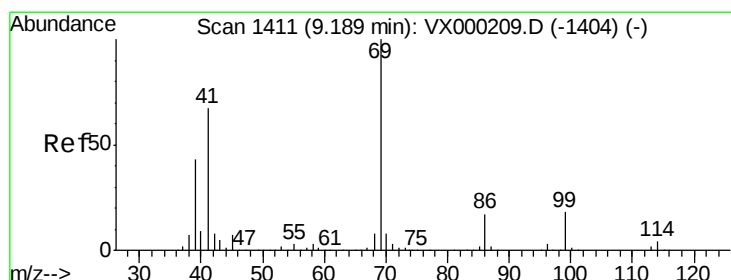
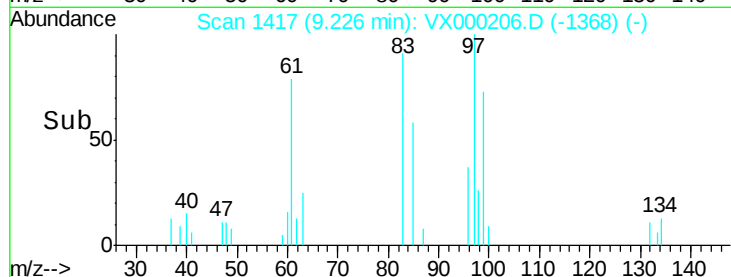
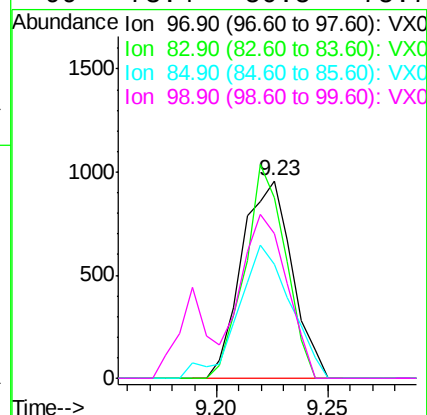
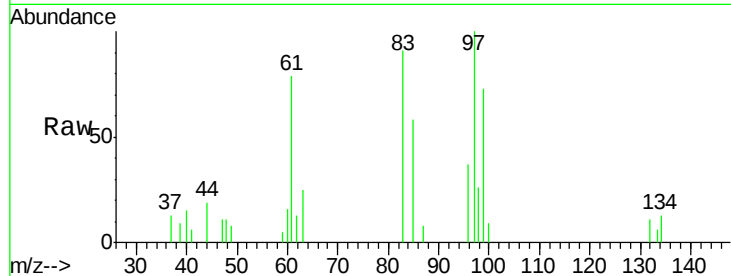
#55
 1,1,2-Trichloroethane
 Concen: 0.95 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000206.D
 Acq: 07 Mar 2018 11:57

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion:	97	Resp:	1506
Ion	Ratio	Lower	Upper
97	100		
83	91.3	70.4	105.6
85	57.7	43.9	65.9
99	73.4	50.5	75.7

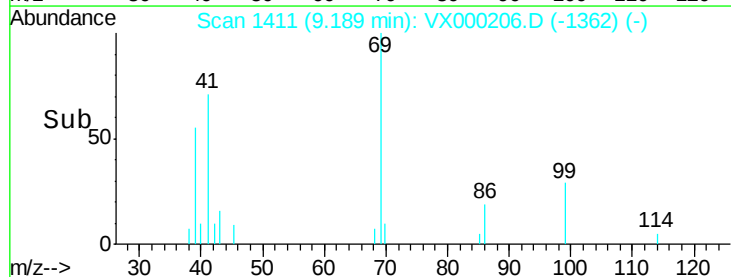
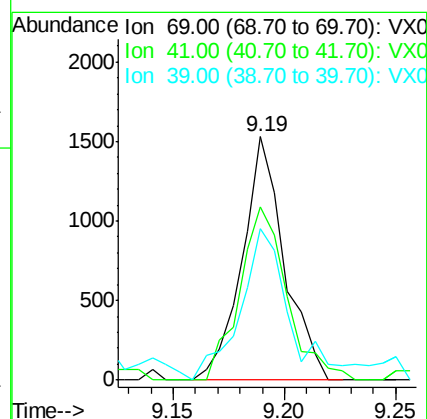
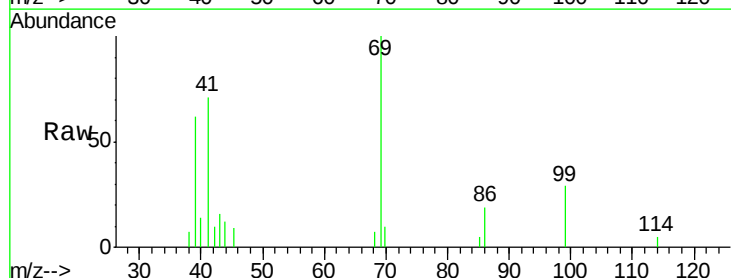
Manual Integrations
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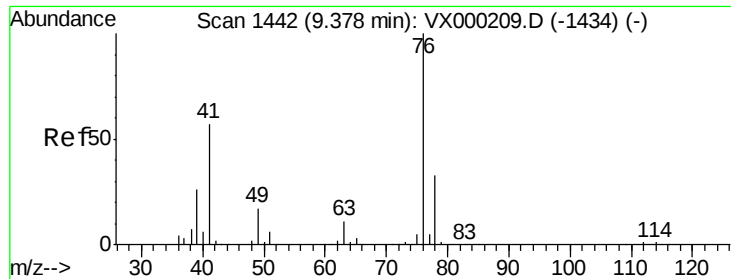
apatel
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#56
 Ethyl methacrylate
 Concen: 0.84 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000206.D
 Acq: 07 Mar 2018 11:57

Tgt Ion:	69	Resp:	2019
Ion	Ratio	Lower	Upper
69	100		
41	79.8	52.2	78.2#
39	71.4	34.3	51.5#





#57

1,3-Dichloropropane

Concen: 1.05 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 76 Resp: 2780

Ion Ratio Lower Upper

76 100

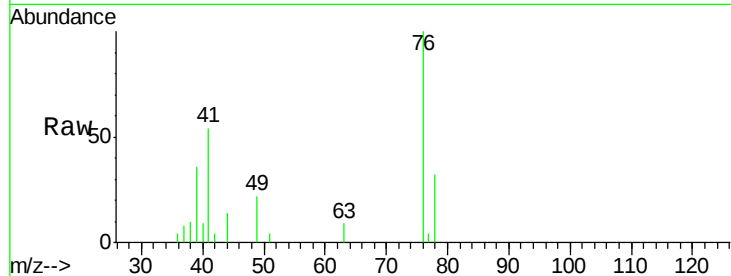
78 30.8 26.2 39.2

Manual Integrations

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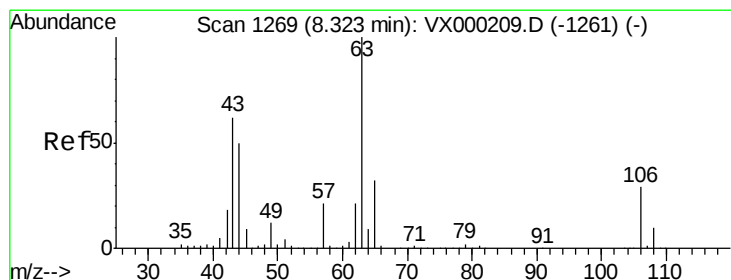
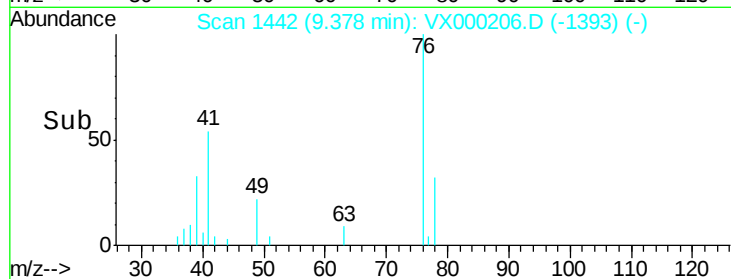
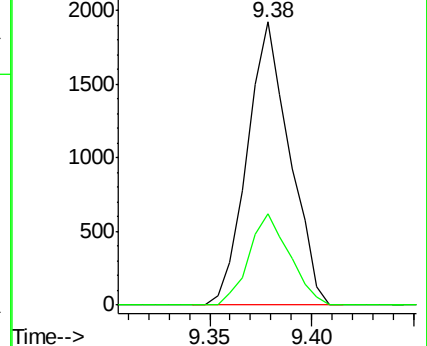
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 5.03 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000206.D

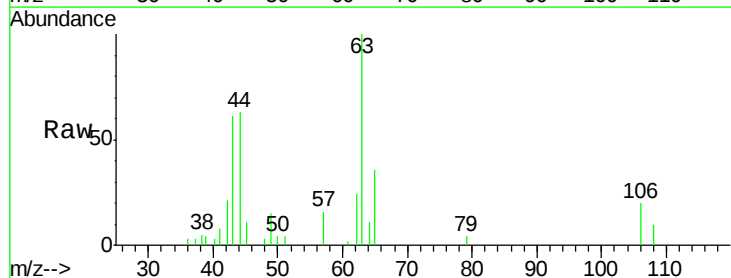
Acq: 07 Mar 2018 11:57

Tgt Ion: 63 Resp: 6226

Ion Ratio Lower Upper

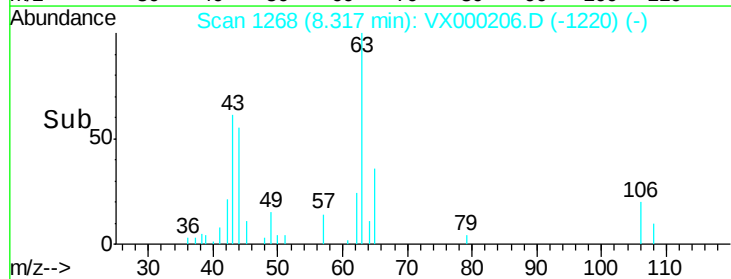
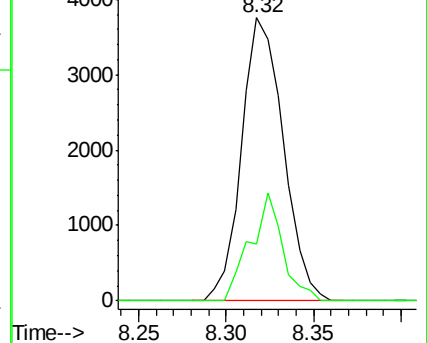
63 100

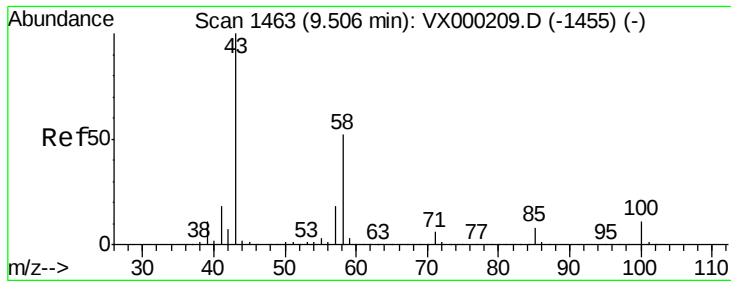
106 29.6 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





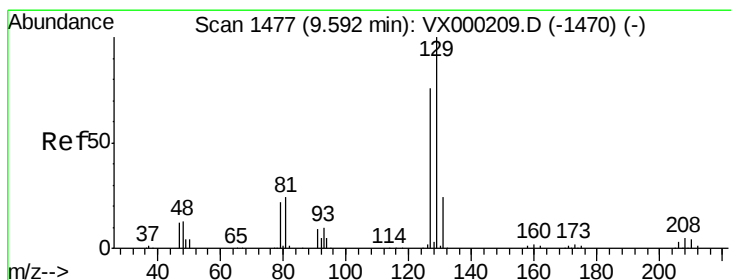
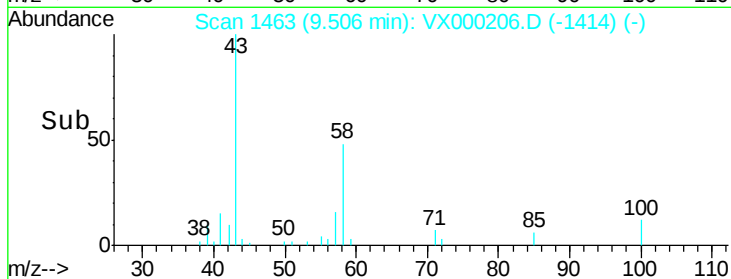
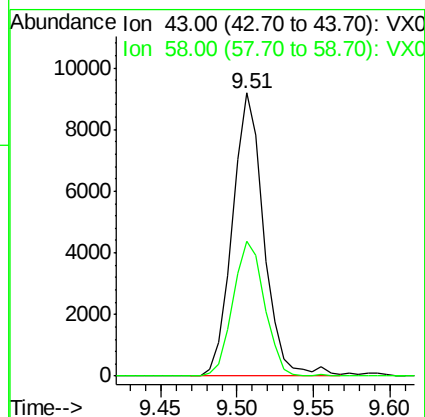
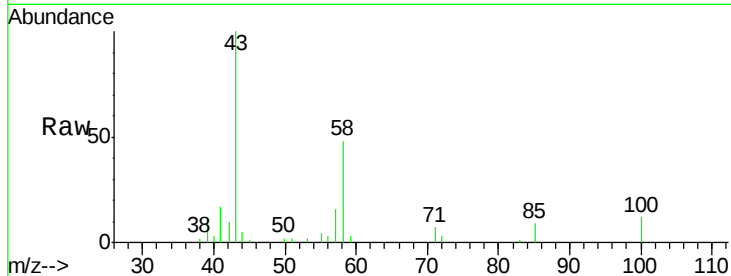
#59
2-Hexanone
Concen: 4.91 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 43 Resp: 13085
Ion Ratio Lower Upper
43 100
58 47.6 26.6 79.7

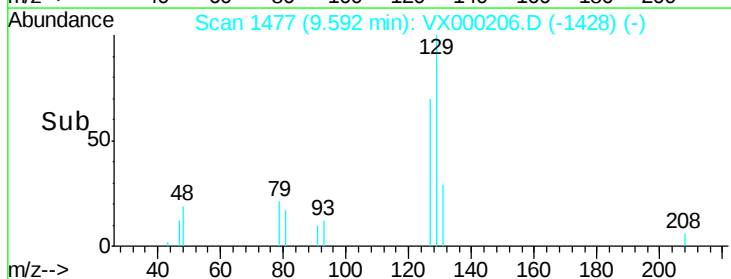
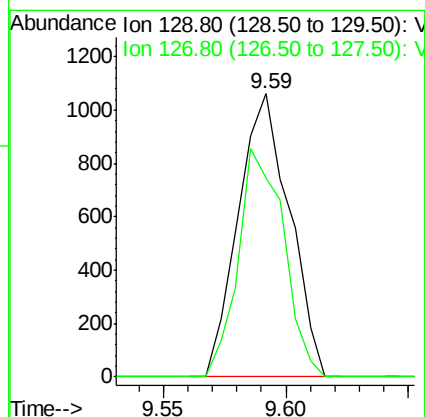
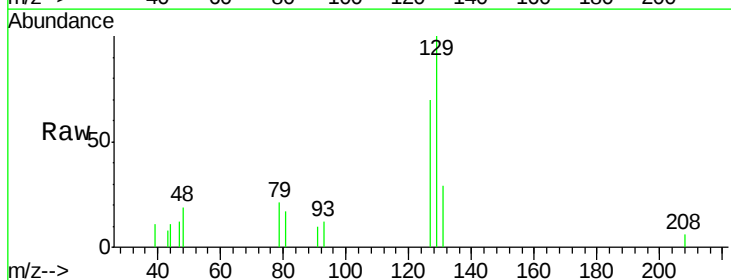
Manual Integrations
APPROVED

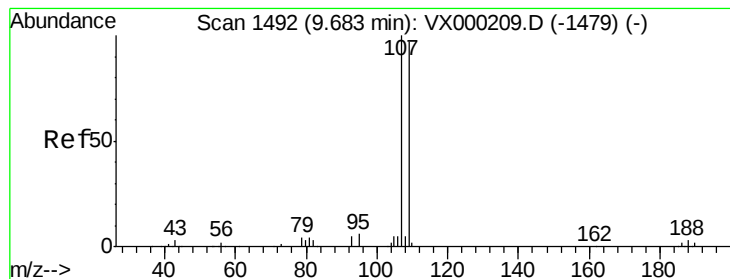
apatel
3/8/2018 10:42:06 AM



#60
Dibromochloromethane
Concen: 0.91 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Tgt Ion: 129 Resp: 1538
Ion Ratio Lower Upper
129 100
127 71.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 0.94 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 107 Resp: 1664

Ion Ratio Lower Upper

107 100

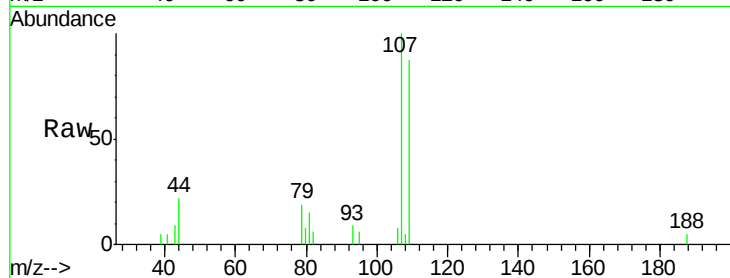
109 96.4 76.8 115.2

Manual Integrations

APPROVED

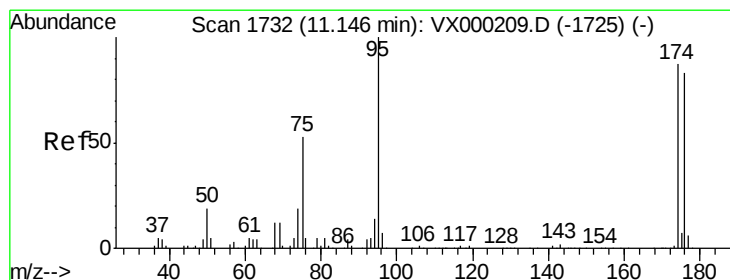
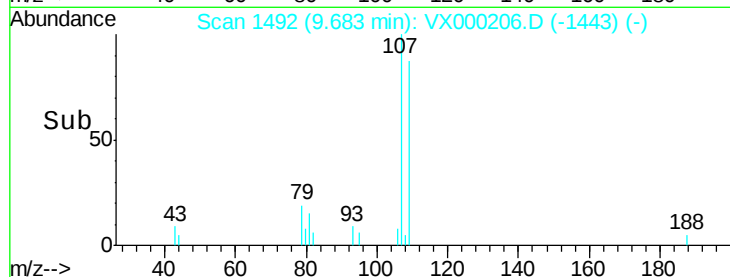
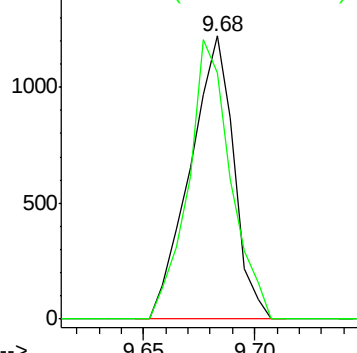
apatel

3/8/2018 10:42:06 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.89 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

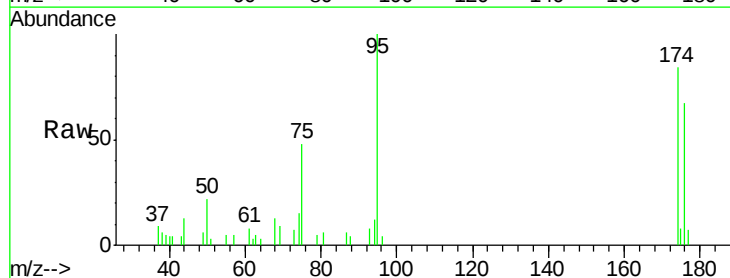
Tgt Ion: 95 Resp: 2121

Ion Ratio Lower Upper

95 100

174 83.6 0.0 175.6

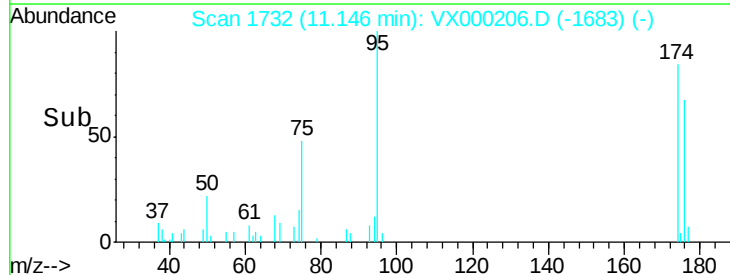
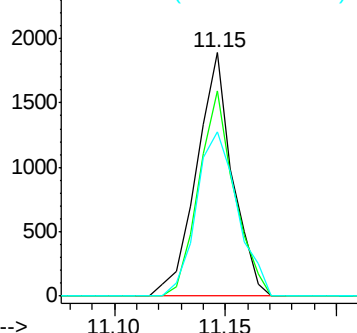
176 77.5 0.0 171.0

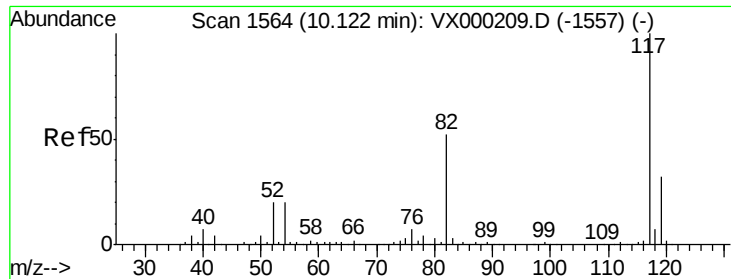


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





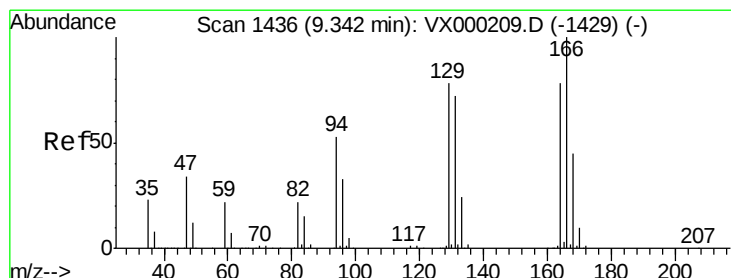
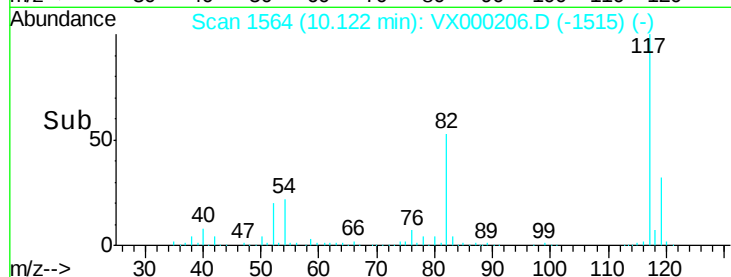
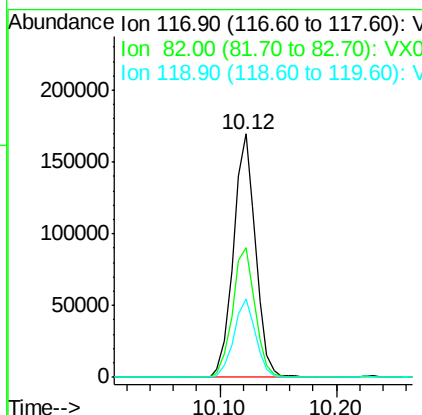
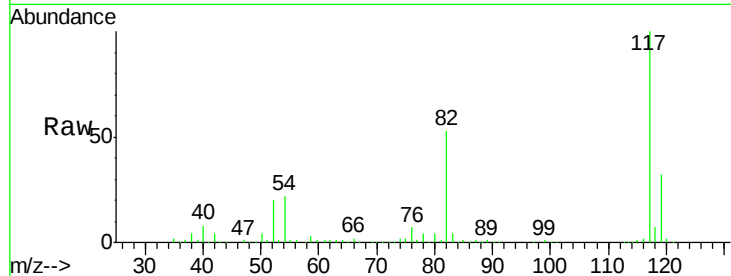
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.0	63.0
119	32.2	25.3	37.9

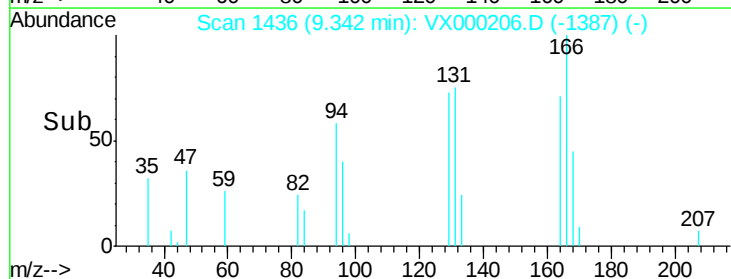
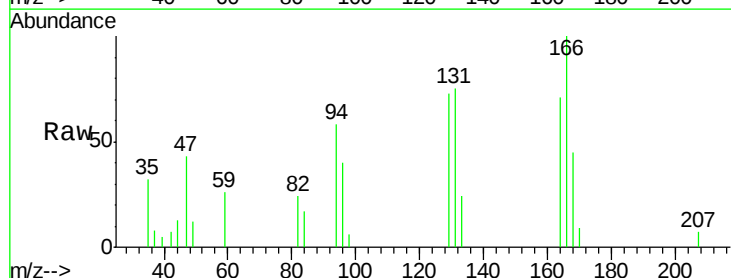
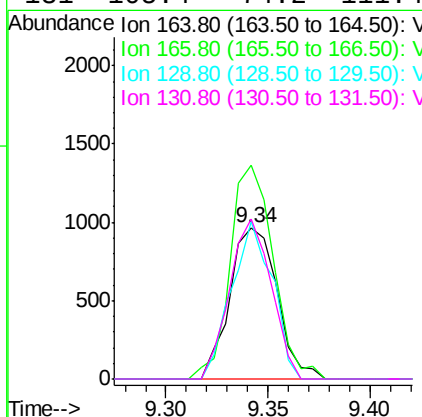
Manual Integrations
APPROVED

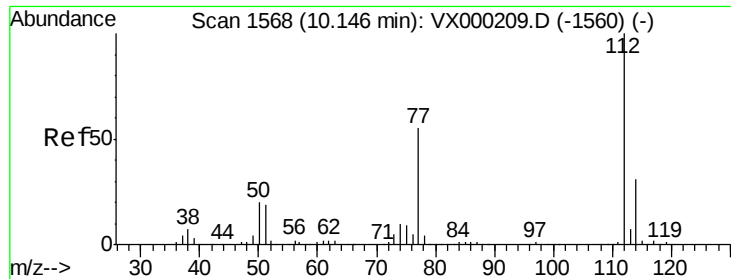
apatel
3/8/2018 10:42:06 AM



#64
Tetrachloroethene
Concen: 1.04 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	140.9	103.0	154.6
129	103.5	80.2	120.4
131	105.4	74.2	111.4





#65

Chlorobenzene

Concen: 0.99 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:112 Resp: 4320

Ion Ratio Lower Upper

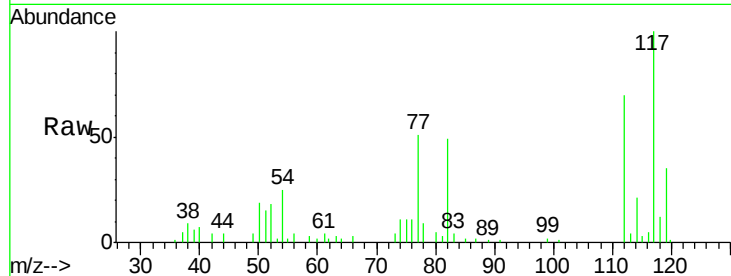
112 100

114 30.4 25.0 37.4

Manual Integrations
APPROVED

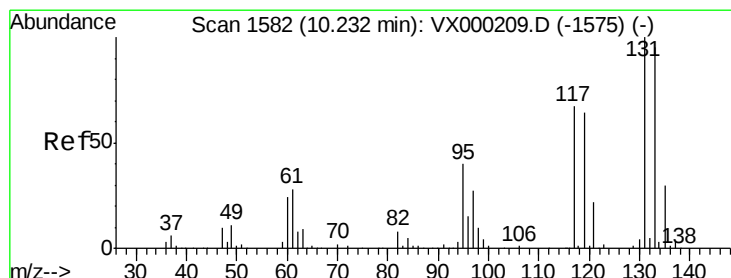
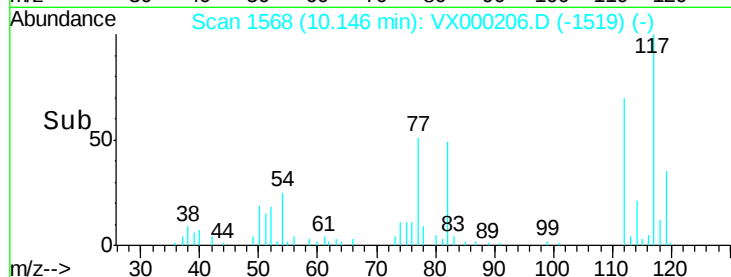
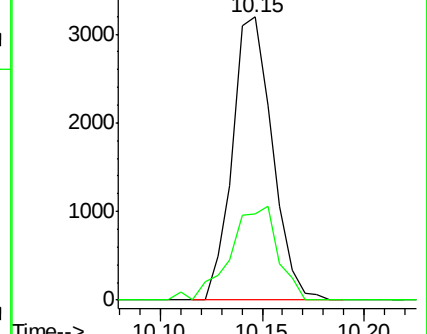
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.02 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

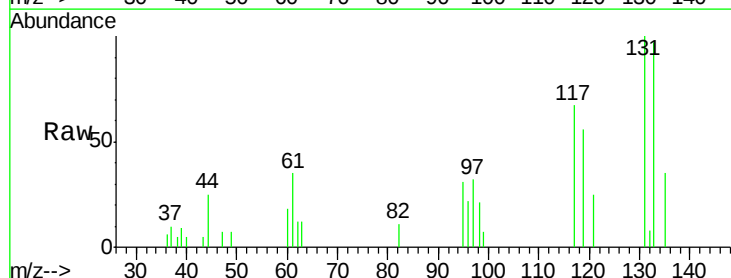
Tgt Ion:131 Resp: 1528

Ion Ratio Lower Upper

131 100

133 87.2 48.3 144.9

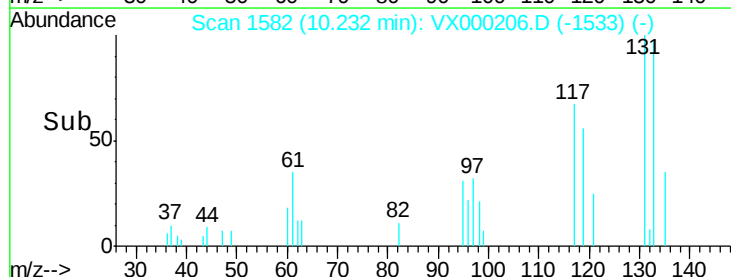
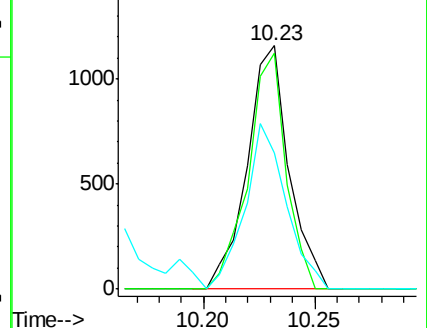
119 0.0 32.3 96.8#

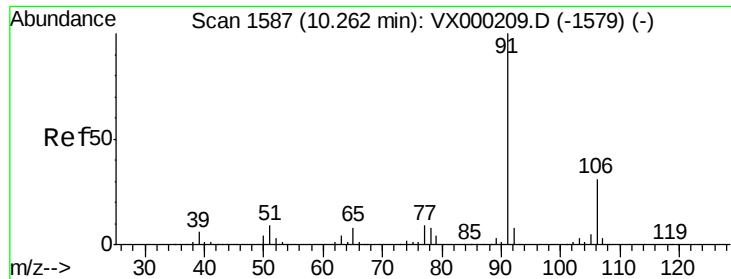


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





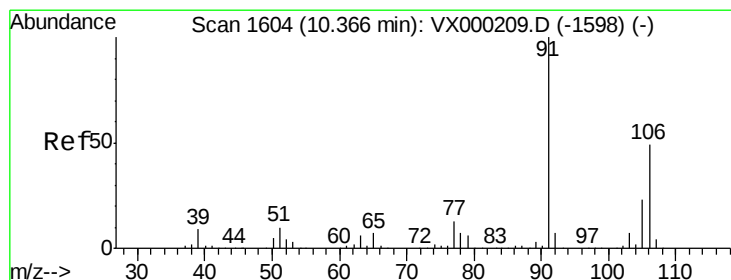
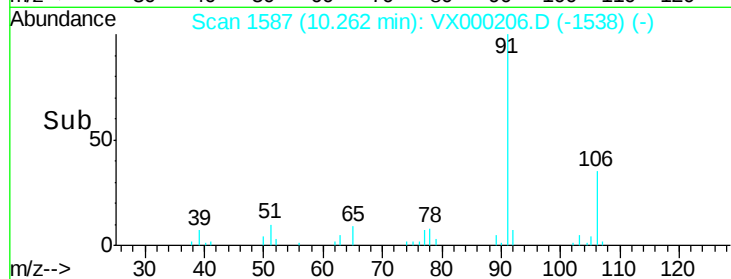
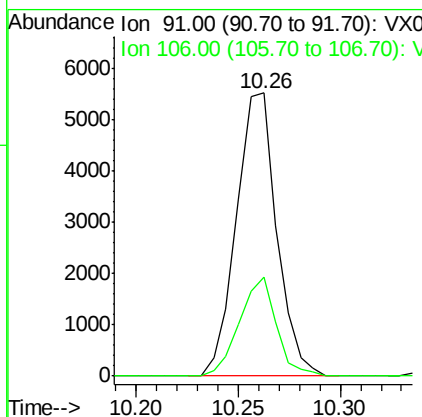
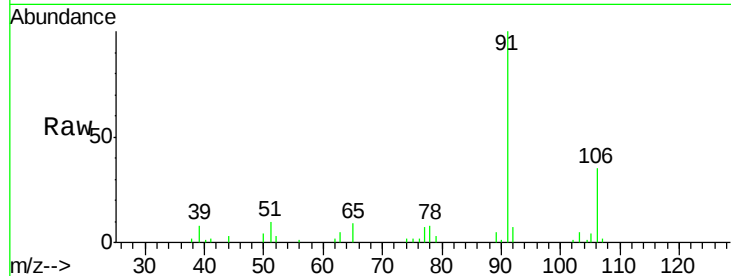
#67
Ethyl Benzene
Concen: 1.00 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 91 Resp: 7600
Ion Ratio Lower Upper
91 100
106 34.9 25.2 37.8

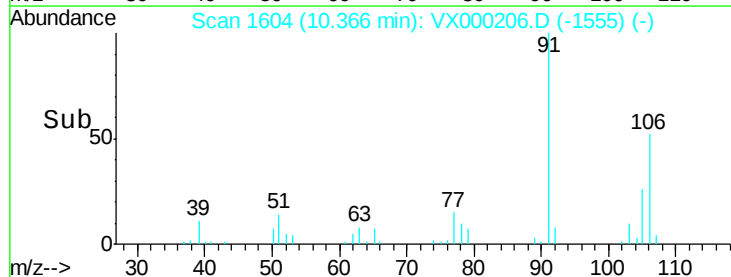
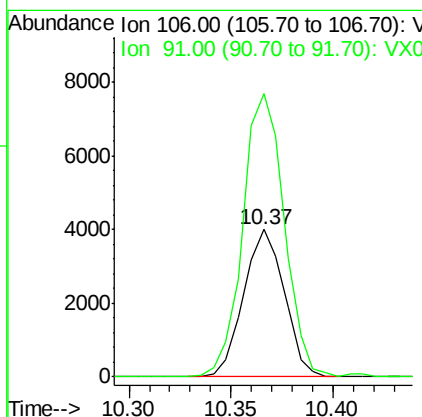
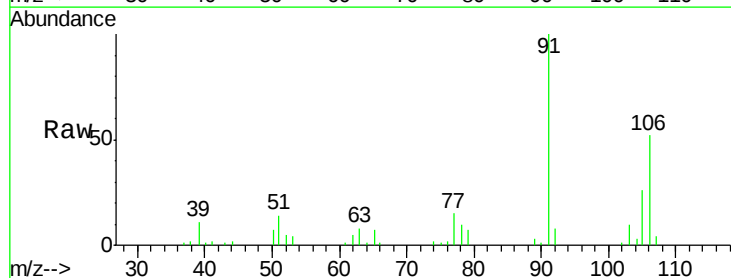
Manual Integrations
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3/8/2018 10:42:06 AM



#68
m/p-Xylenes
Concen: 1.88 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Tgt Ion: 106 Resp: 5543
Ion Ratio Lower Upper
106 100
91 195.5 160.9 241.3





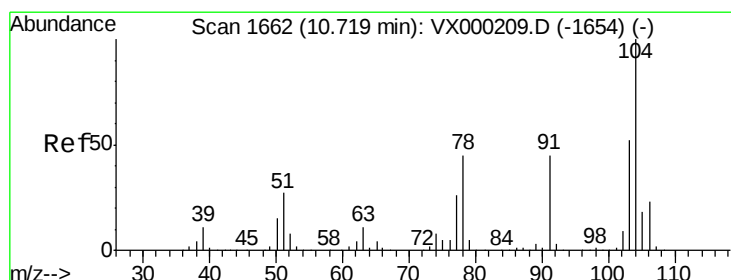
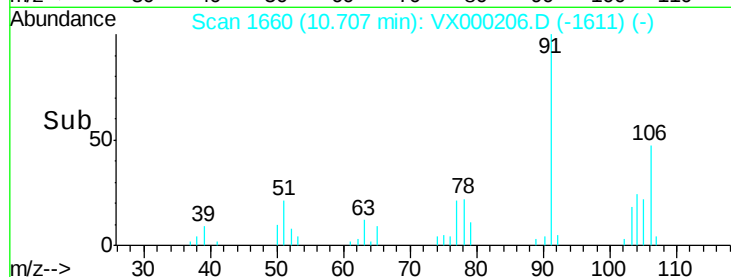
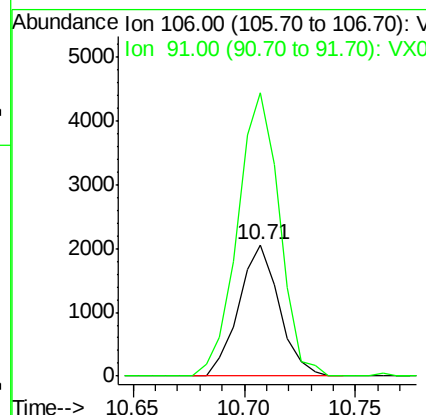
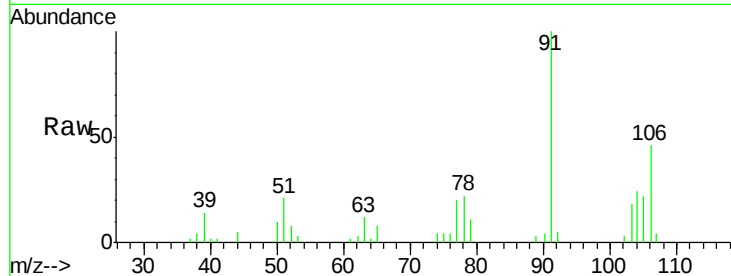
#69
o-Xylene
Concen: 0.91 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:106 Resp: 2591
Ion Ratio Lower Upper
106 100
91 224.5 105.9 317.7

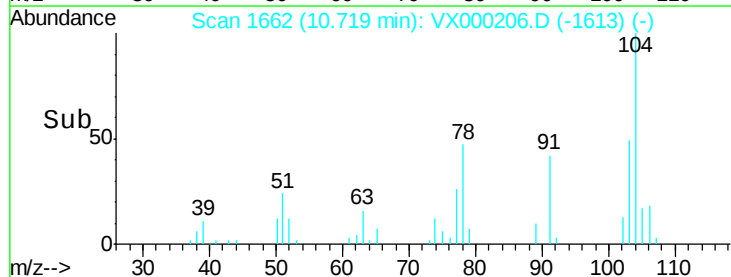
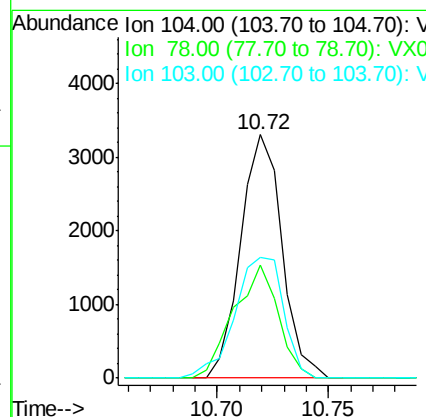
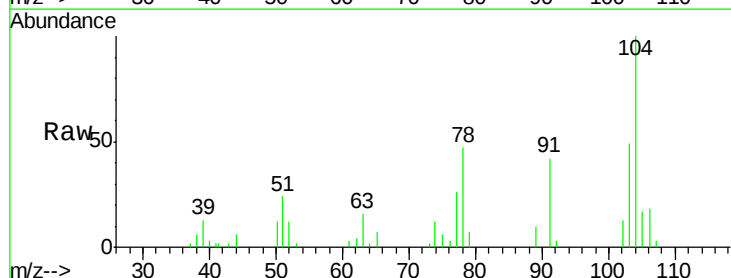
Manual Integrations
APPROVED

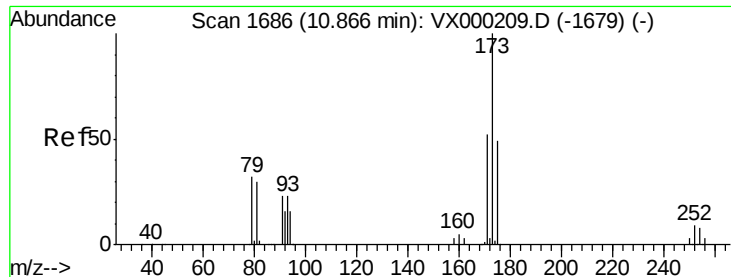
apatel
3/8/2018 10:42:06 AM



#70
Styrene
Concen: 0.91 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Tgt Ion:104 Resp: 4280
Ion Ratio Lower Upper
104 100
78 50.1 39.6 59.4
103 58.6 45.0 67.6





#71

Bromoform

Concen: 0.80 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:173 Resp: 1042

Ion Ratio Lower Upper

173 100

175 61.1 24.4 73.2

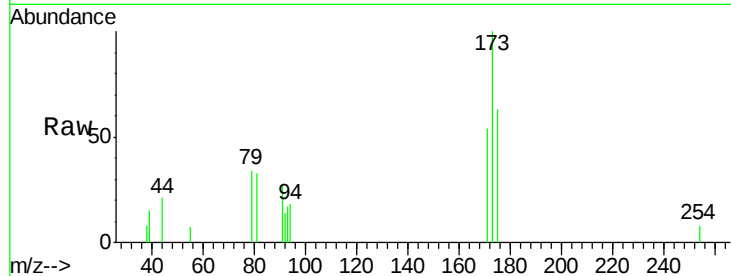
254 0.0 0.2 0.2#

Manual Integrations

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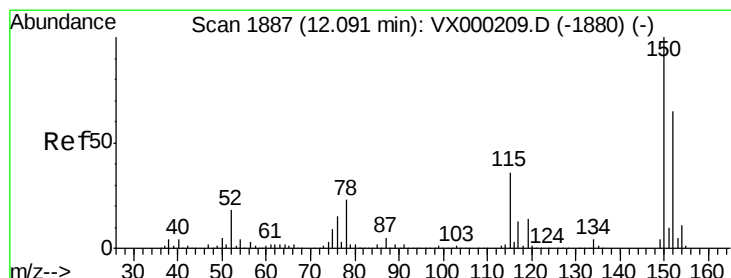
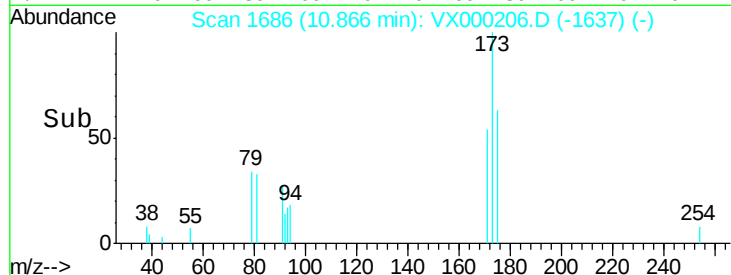
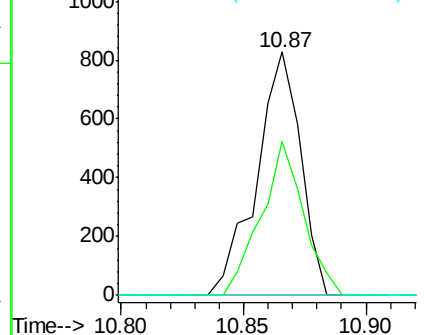
3/8/2018 10:42:06 AM



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: VX000206.D

Acq: 07 Mar 2018 11:57

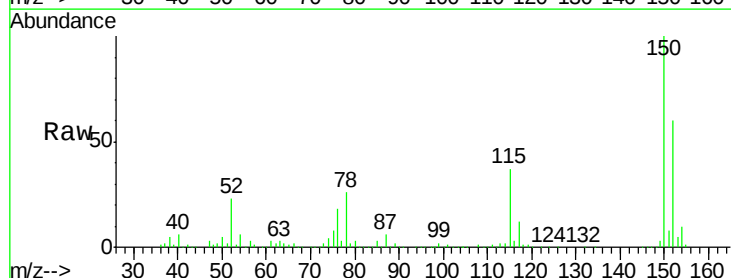
Tgt Ion:152 Resp: 117454

Ion Ratio Lower Upper

152 100

115 59.6 39.8 119.3

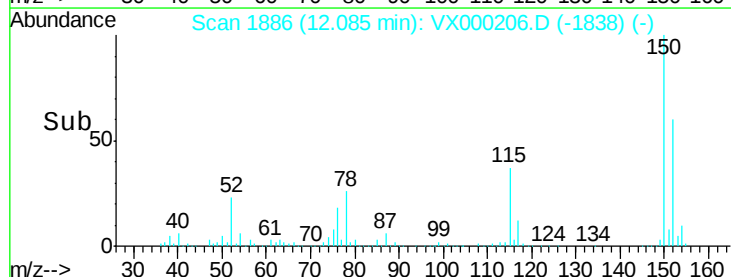
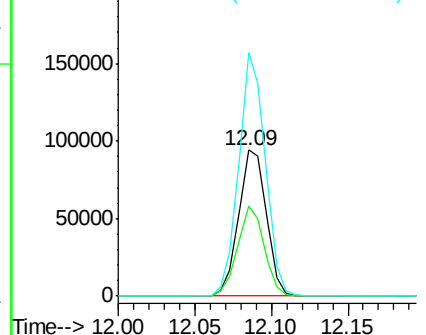
150 160.4 0.0 345.0



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: 1.09 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 105 Resp: 7642

Ion Ratio Lower Upper

105 100

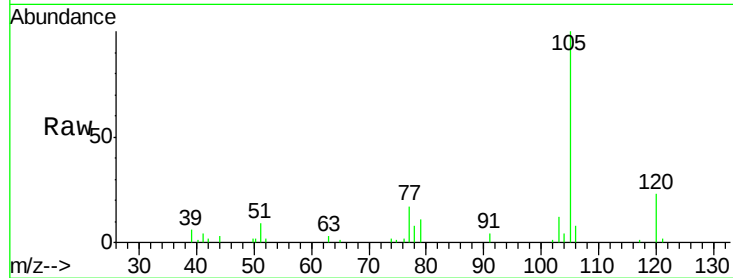
120 25.7 13.5 40.4

Manual Integrations

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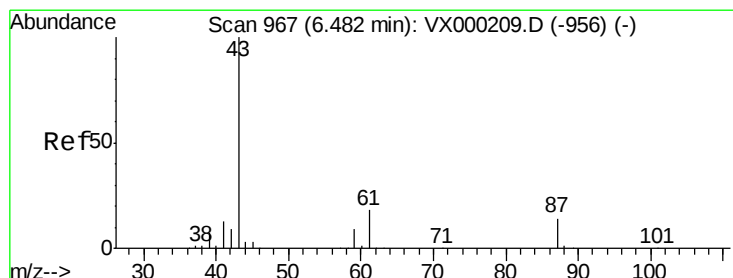
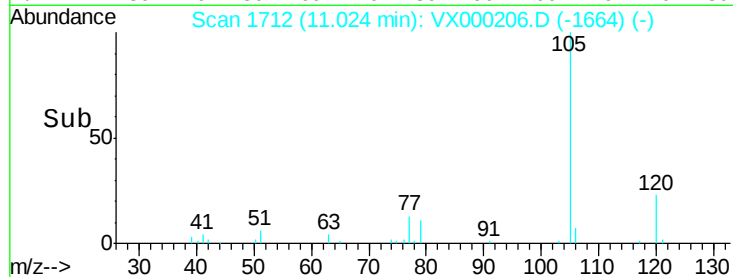
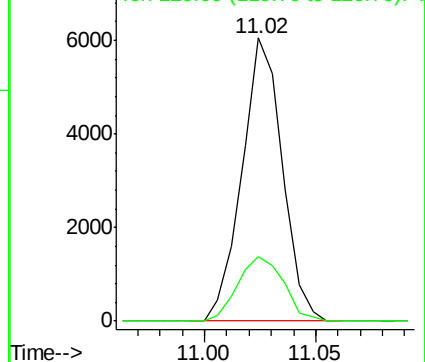
apatel

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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: 1.26 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Tgt Ion: 43 Resp: 4506

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

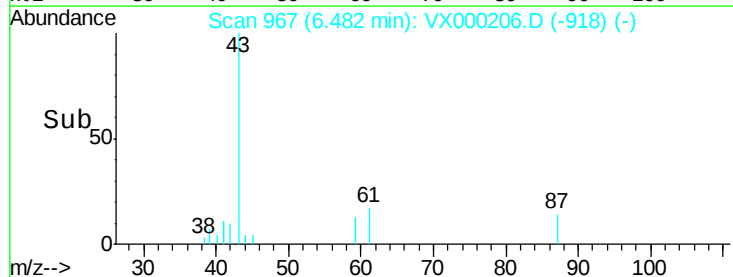
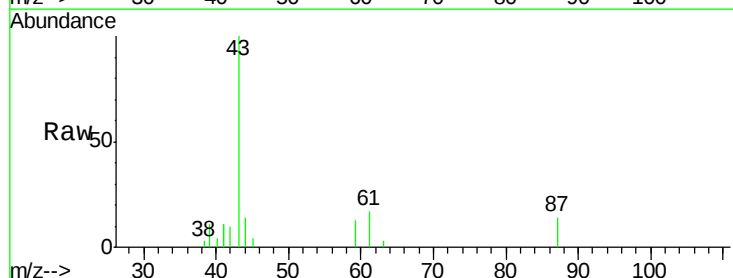
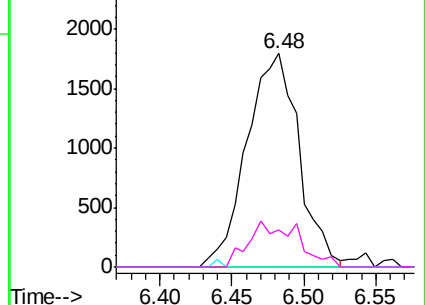
61 20.3 14.8 22.2

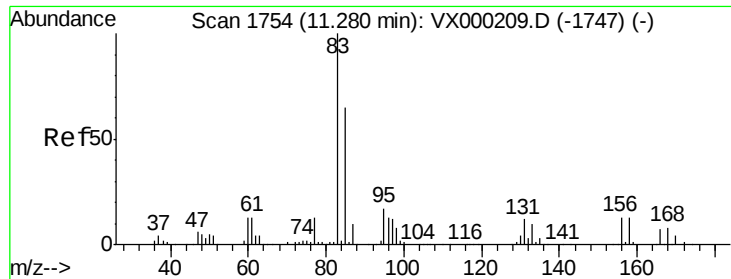
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.04 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

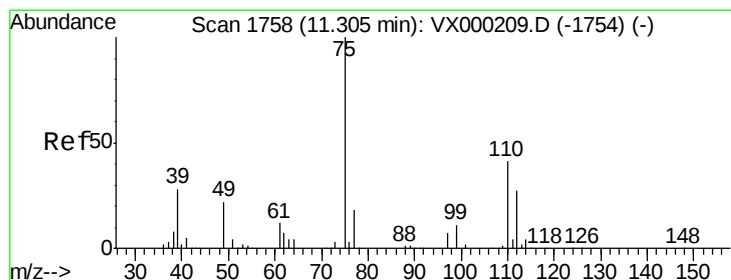
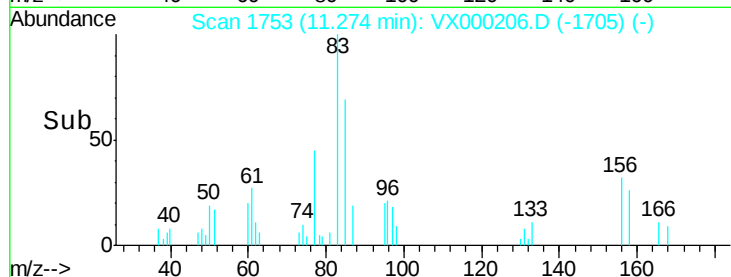
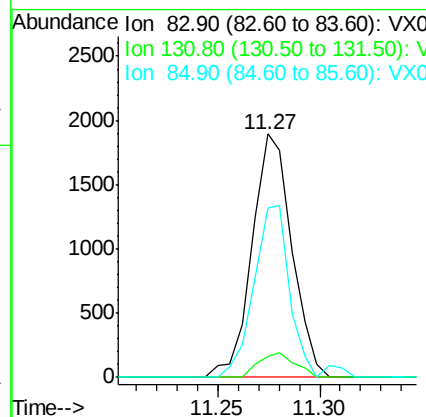
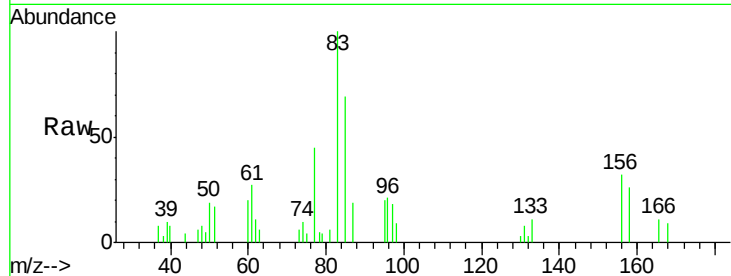
ClientSampled :

VSTDIC001

Tot Ion:	83	Resp:	2570
Ion	Ratio	Lower	Upper
83	100		
131	9.3	5.5	16.5
85	65.4	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 1.12 ug/l m

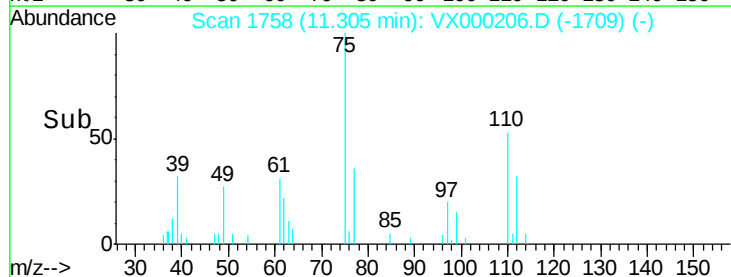
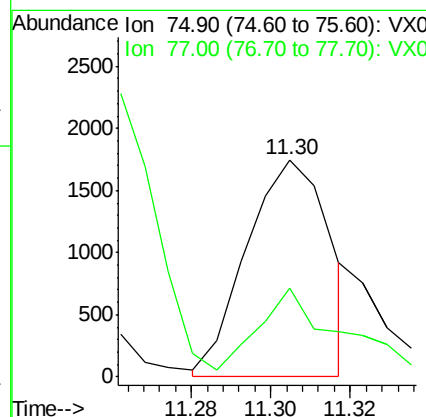
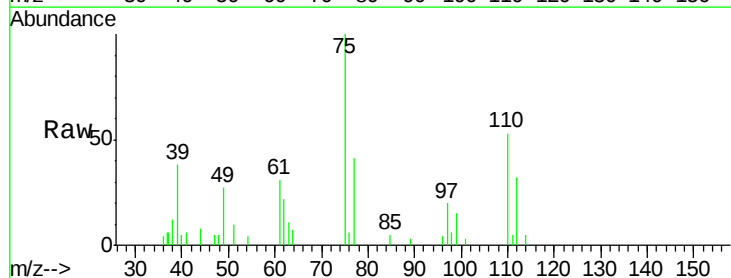
RT: 11.30 min Scan# 1758

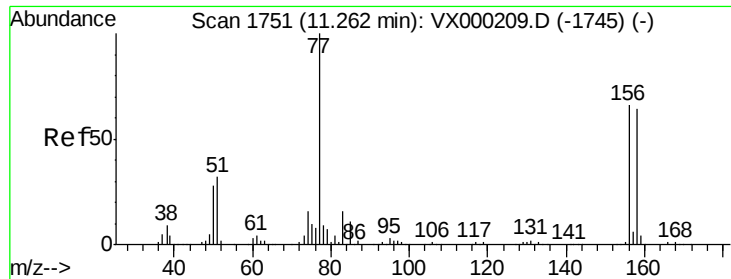
Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Tgt Ion:	75	Resp:	2522
Ion	Ratio	Lower	Upper
75	100		
77	41.6	22.3	66.8





#77

Bromobenzene

Concen: 1.17 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

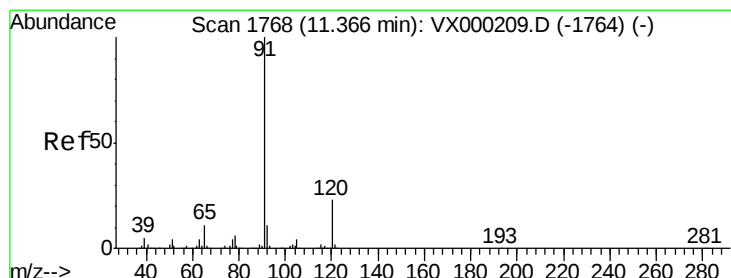
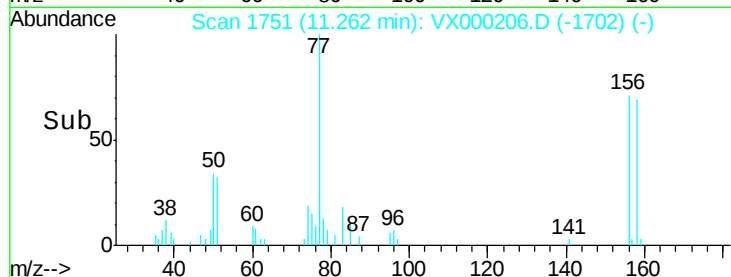
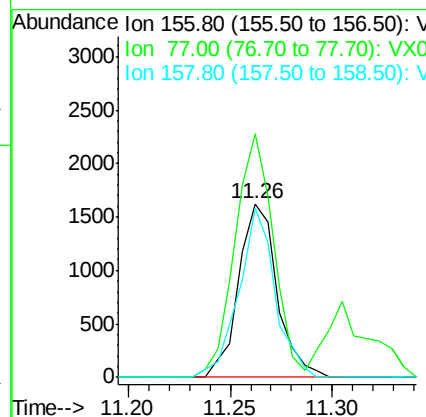
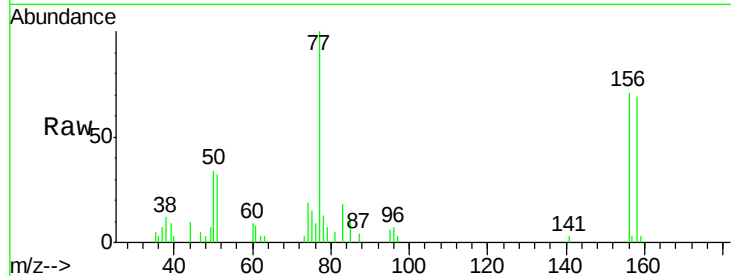
ClientSampled :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
156	100		
77	140.0	71.9	215.7
158	91.9	48.0	144.2

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#78

n-propylbenzene

Concen: 1.06 ug/l

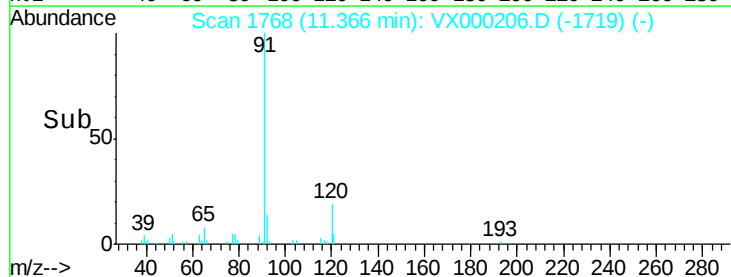
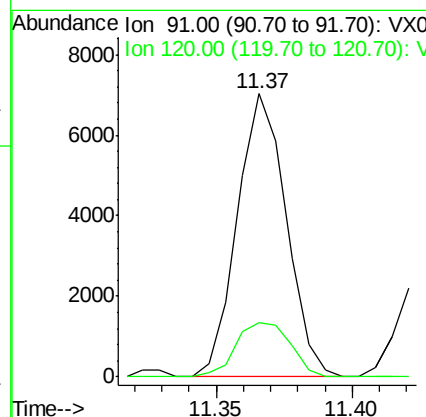
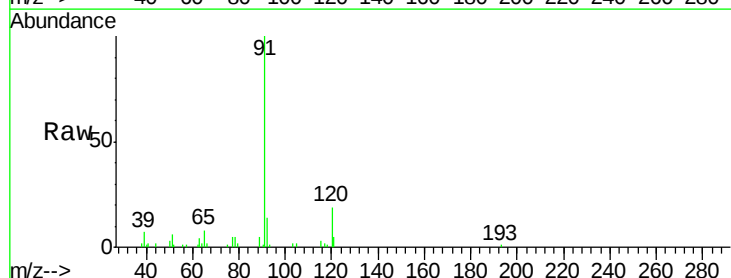
RT: 11.37 min Scan# 1768

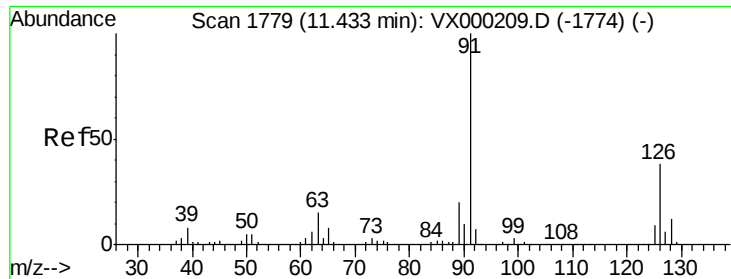
Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.2	12.2	36.4





#79

2-Chlorotoluene

Concen: 1.05 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 4889

Ion Ratio Lower Upper

91 100

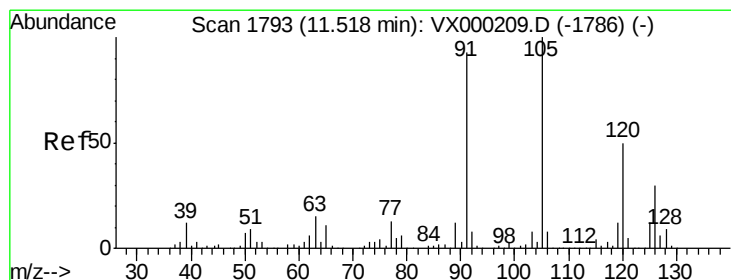
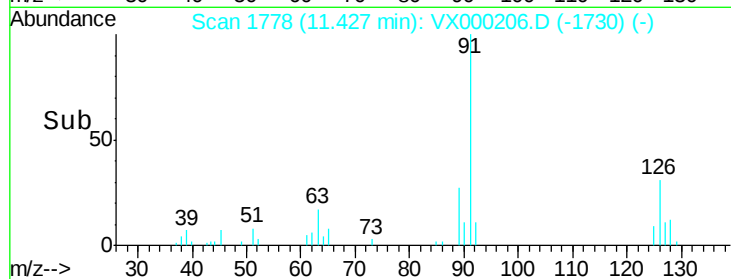
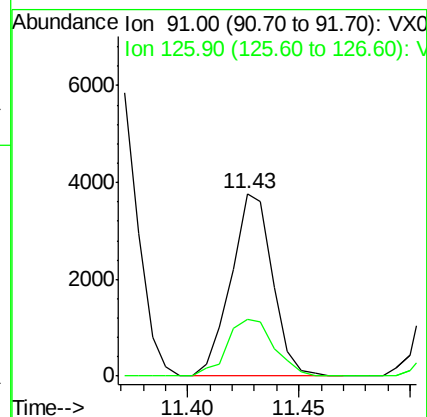
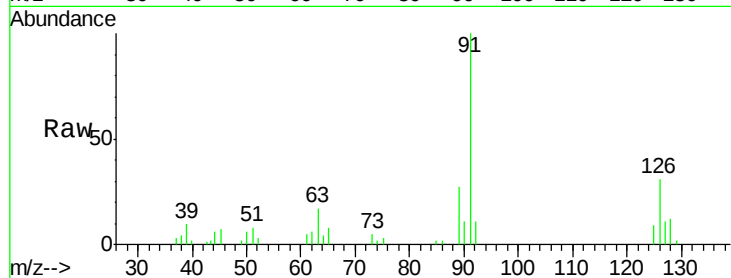
126 34.9 18.4 55.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 1.05 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000206.D

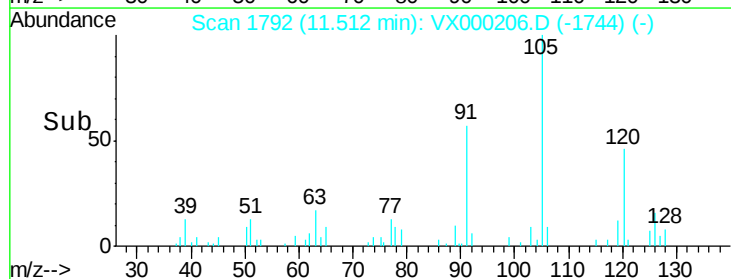
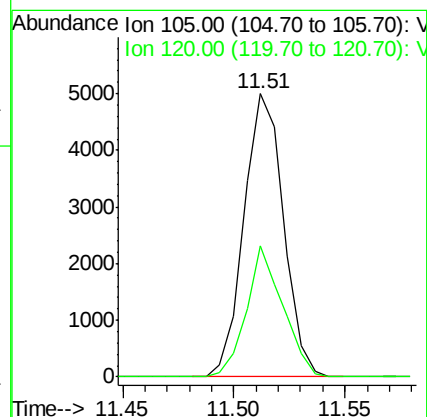
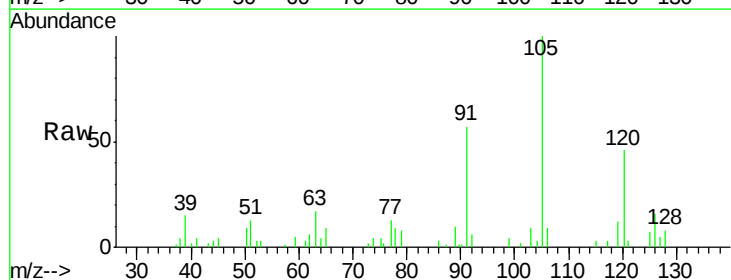
Acq: 07 Mar 2018 11:57

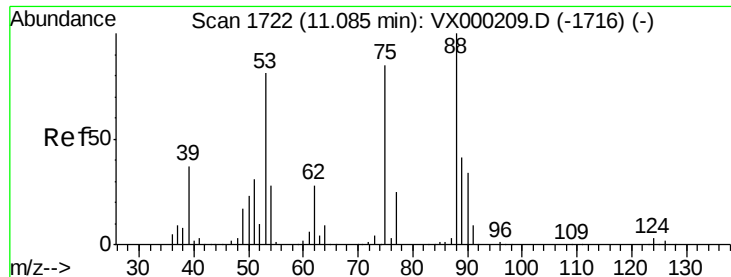
Tgt Ion: 105 Resp: 6196

Ion Ratio Lower Upper

105 100

120 42.6 24.9 74.6





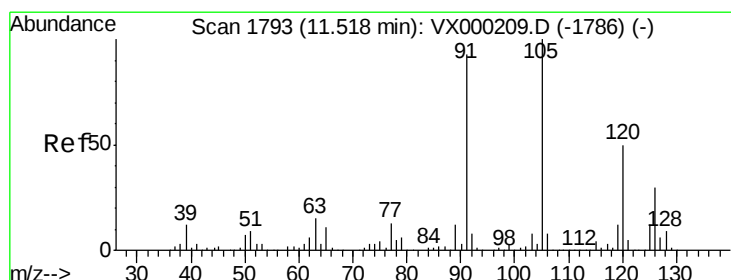
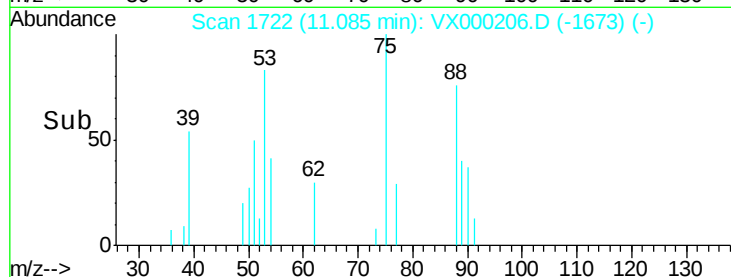
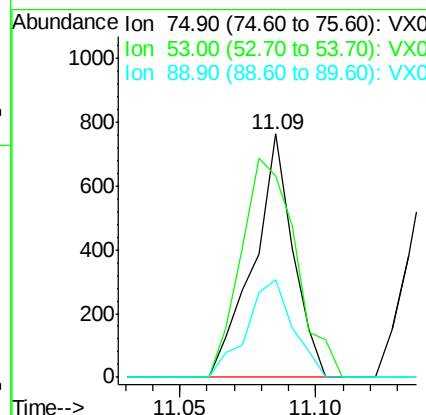
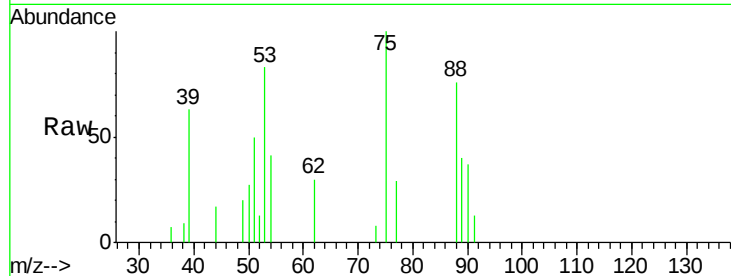
#81
trans-1,4-Dichloro-2-butene
Concen: 1.04 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 75 Resp: 769
Ion Ratio Lower Upper
75 100
53 124.4 78.6 118.0#
89 46.9 38.8 58.2

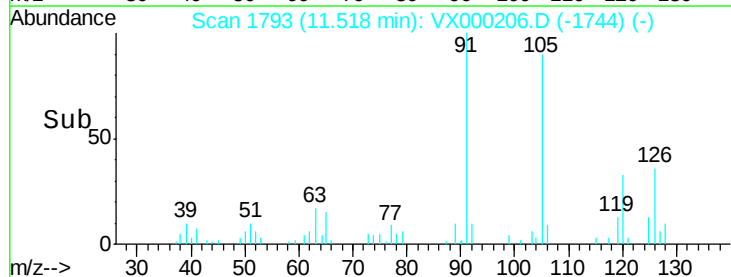
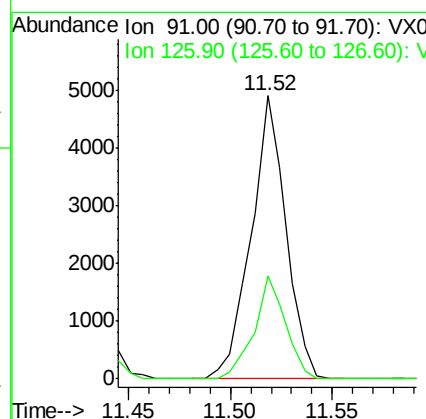
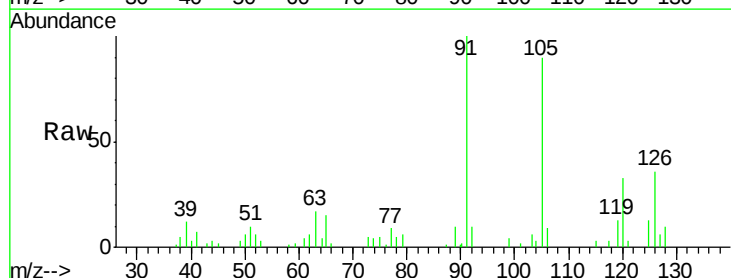
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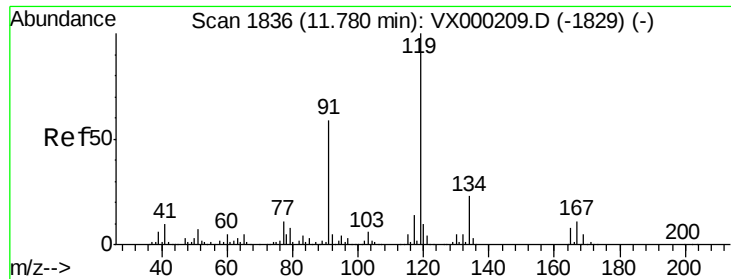
apatel
3/8/2018 10:42:06 AM



#82
4-Chlorotoluene
Concen: 1.03 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Tgt Ion: 91 Resp: 5865
Ion Ratio Lower Upper
91 100
126 32.5 16.0 48.0





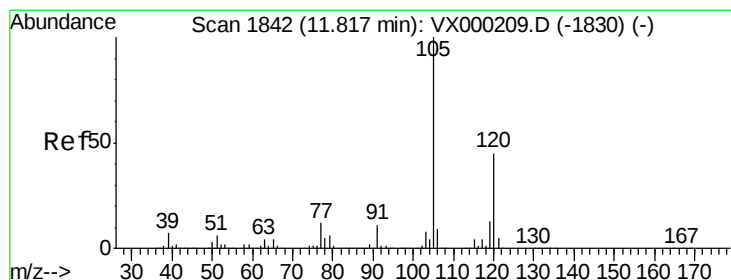
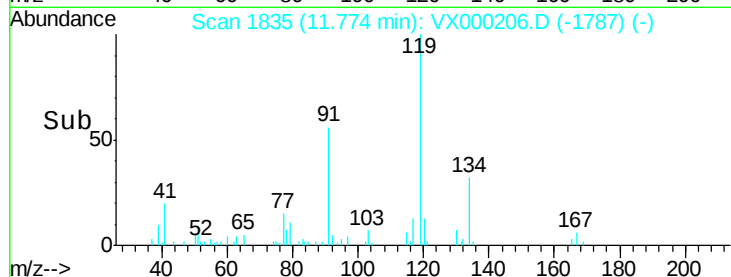
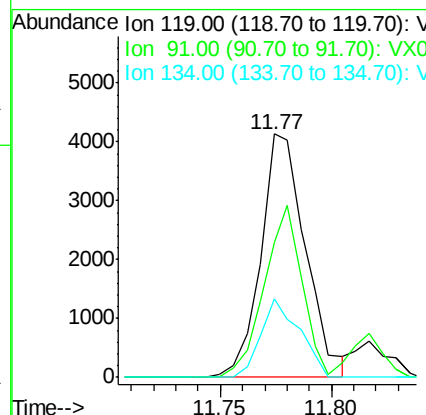
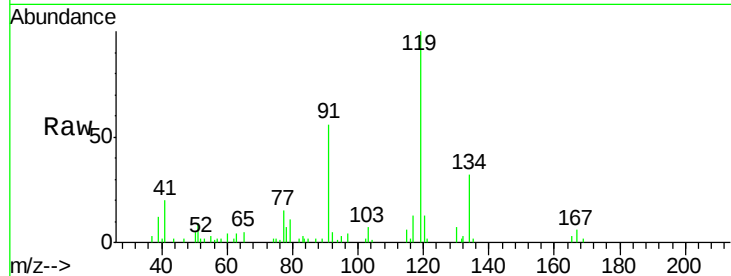
#83
tert-Butylbenzene
Concen: 1.01 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.01 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.6	28.9	86.7
134	27.6	11.5	34.4

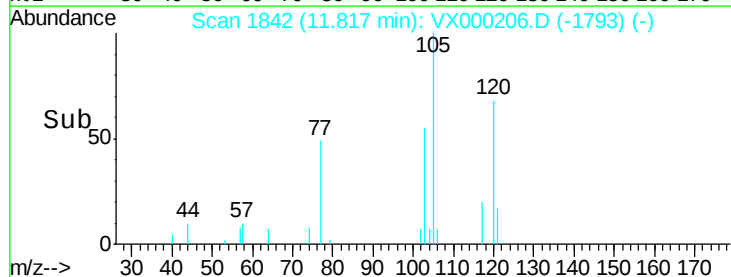
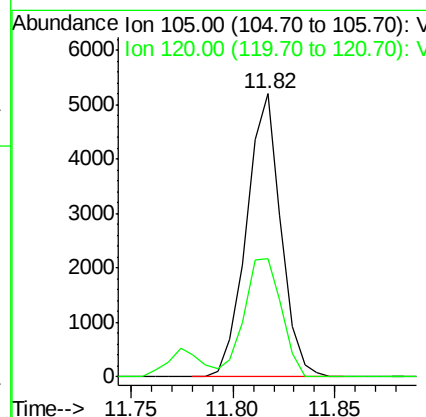
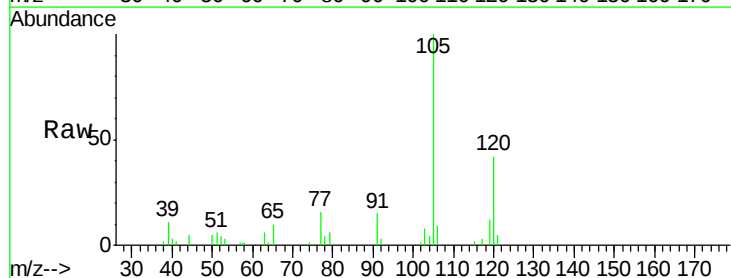
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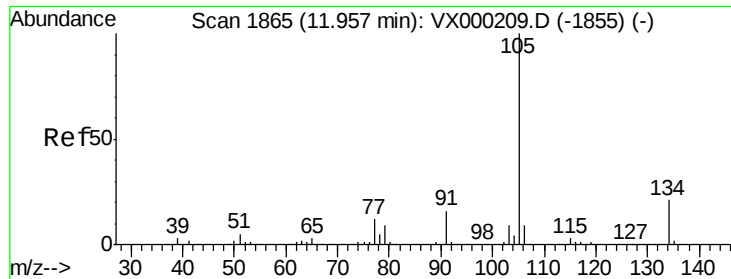
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#84
1,2,4-Trimethylbenzene
Concen: 1.00 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.0	69.0





#85

sec-Butylbenzene

Concen: 0.99 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 7172

Ion Ratio Lower Upper

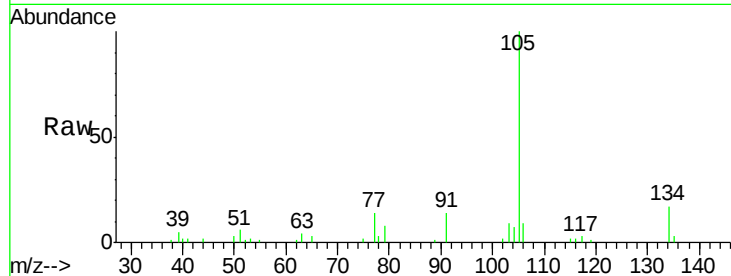
105 100

134 19.8 10.3 30.9

Manual Integrations
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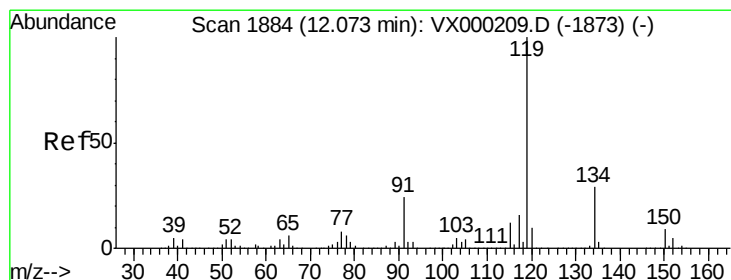
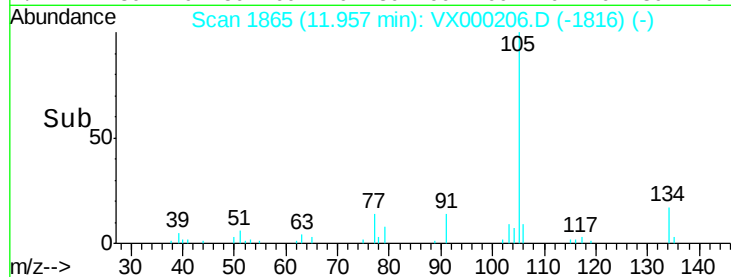
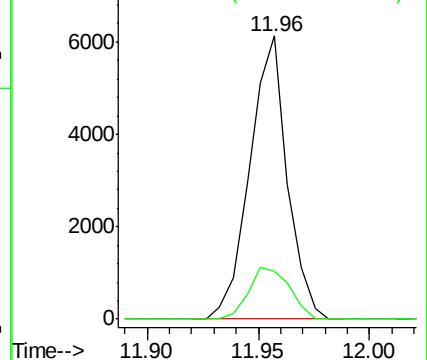
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.96 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000206.D

Acq: 07 Mar 2018 11:57

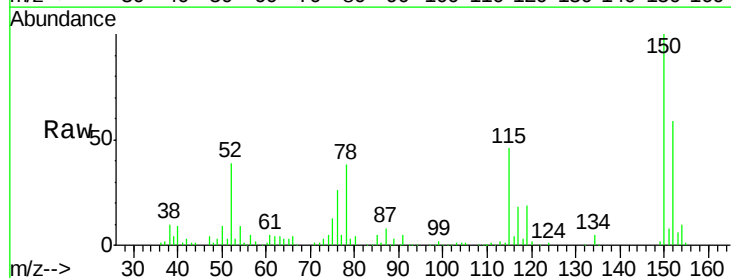
Tgt Ion:119 Resp: 6165

Ion Ratio Lower Upper

119 100

134 27.9 13.8 41.3

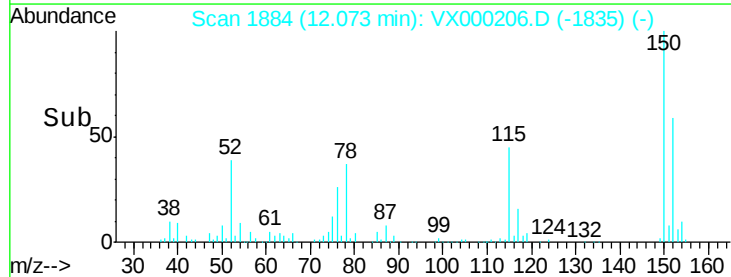
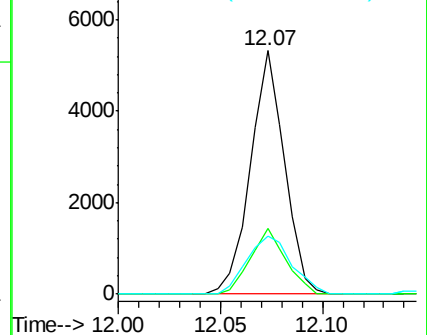
91 31.4 12.0 36.0

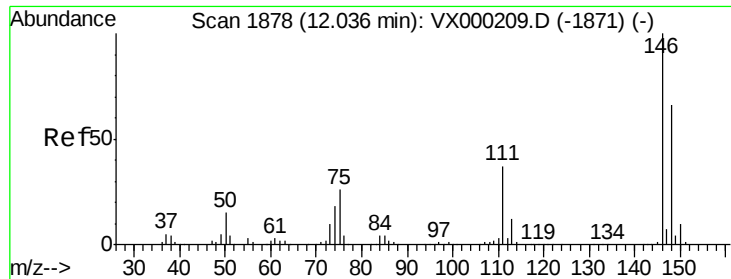


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





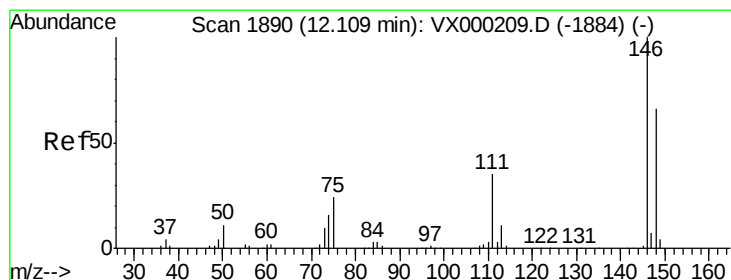
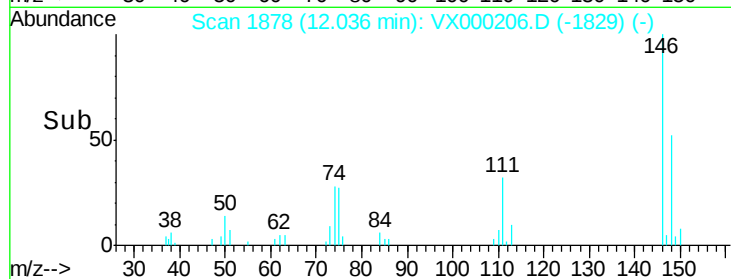
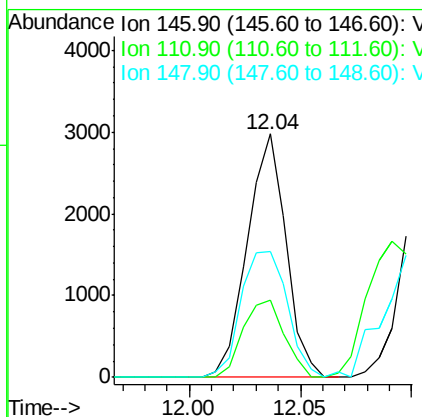
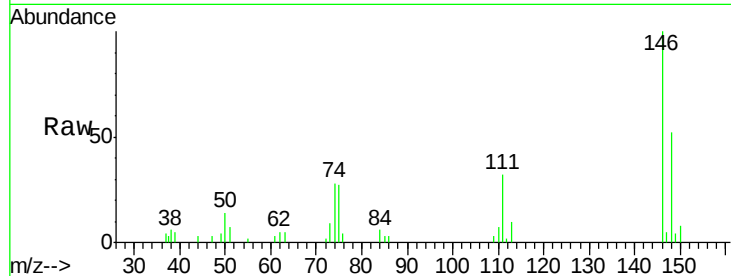
#87
 1,3-Dichlorobenzene
 Concen: 1.04 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000206.D
 Acq: 07 Mar 2018 11:57

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	33.8	19.0	57.0
148	61.8	32.1	96.3

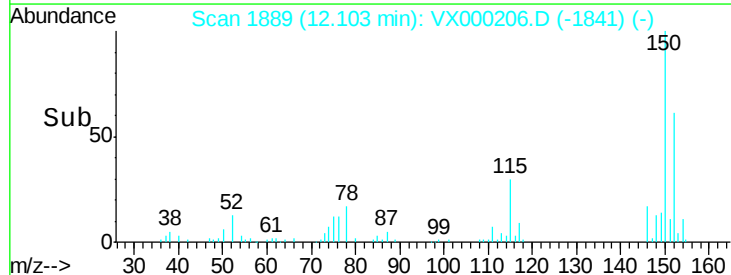
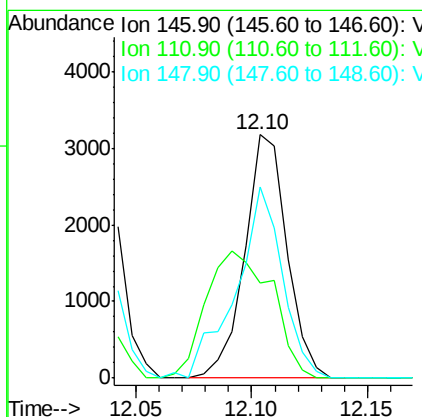
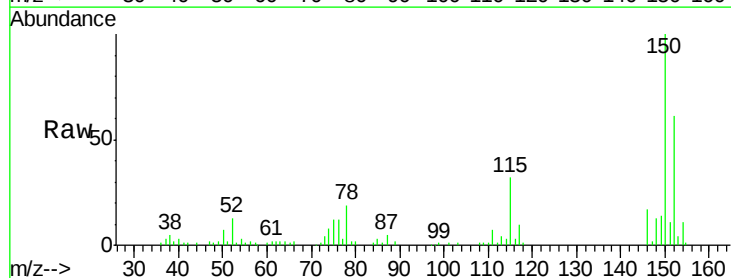
Manual Integrations
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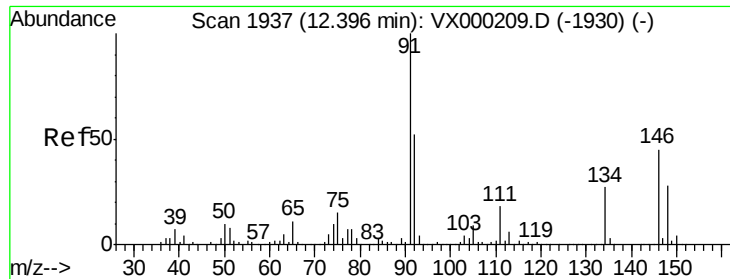
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#88
 1,4-Dichlorobenzene
 Concen: 1.11 ug/l m
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000206.D
 Acq: 07 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	30.2	18.9	56.9
148	55.2	32.6	97.8





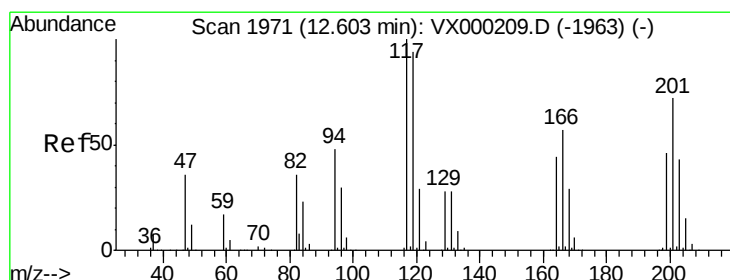
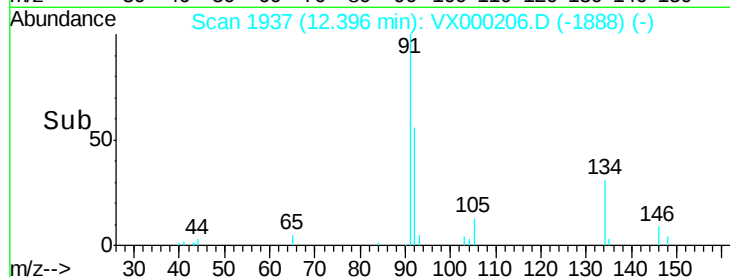
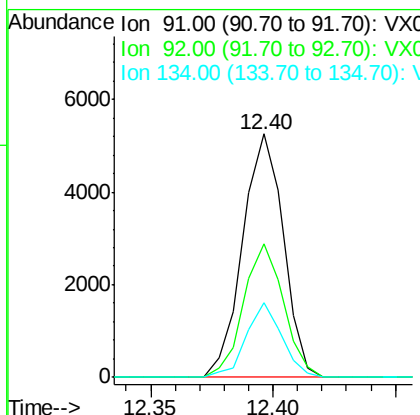
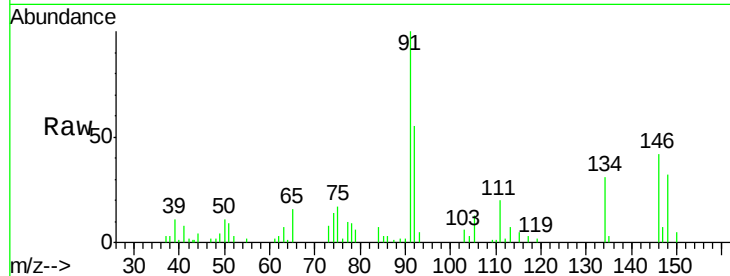
#89
n-Butylbenzene
Concen: 0.99 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	25.8	77.4
134	26.9	13.5	40.5

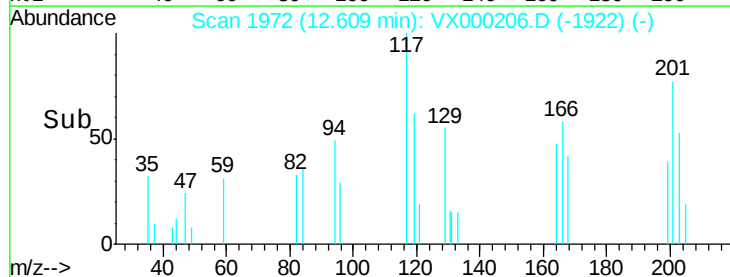
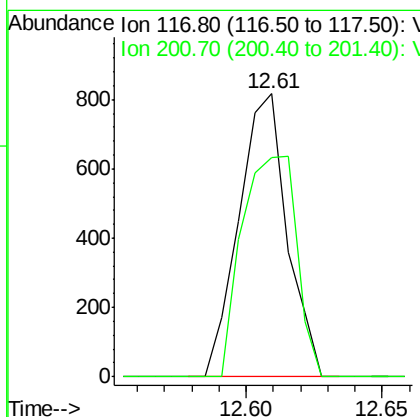
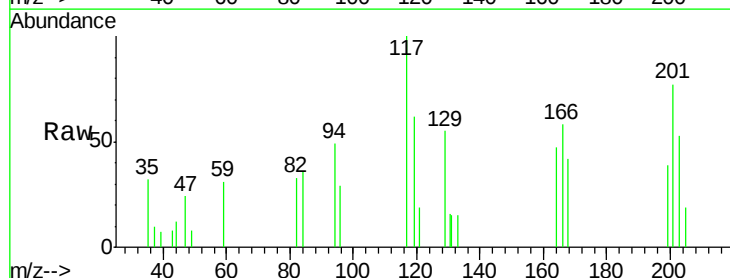
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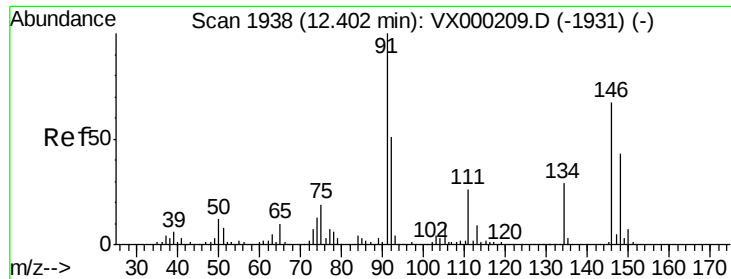
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#90
Hexachloroethane
Concen: 0.97 ug/l
RT: 12.61 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	38.2	114.6





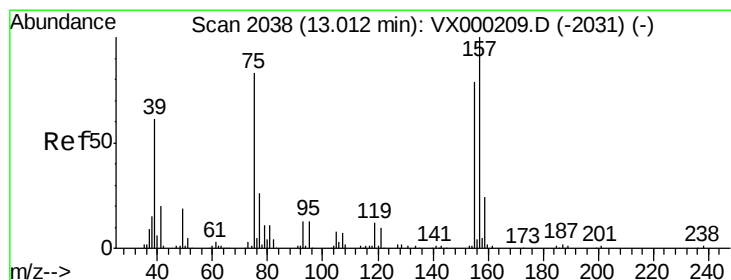
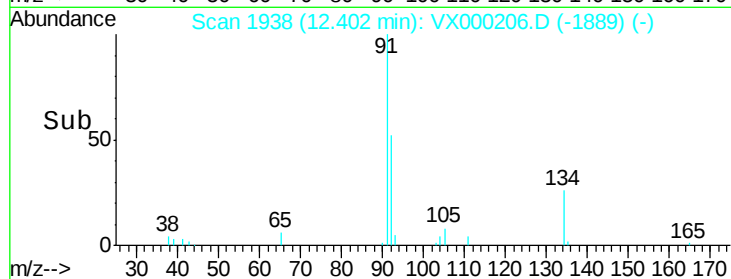
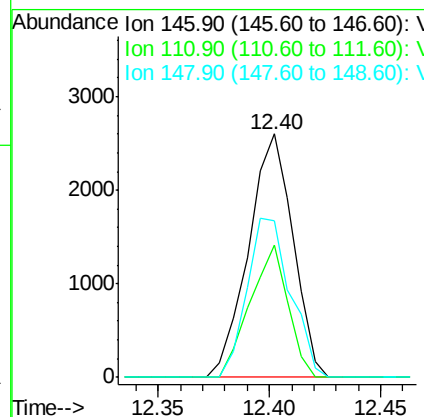
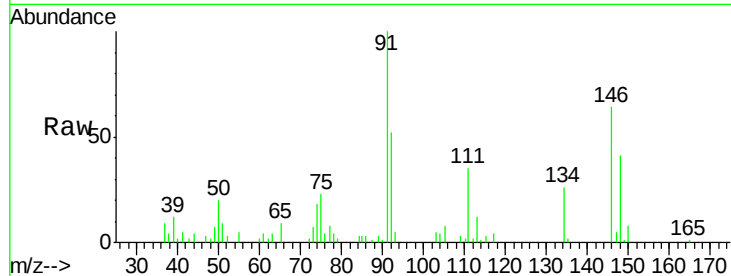
#91
1,2-Dichlorobenzene
Concen: 1.05 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.4	19.7	59.0
148	64.1	32.0	96.0

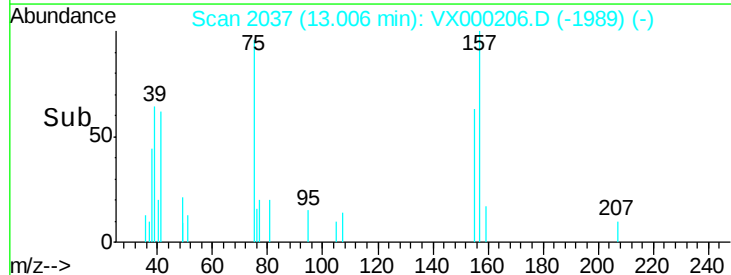
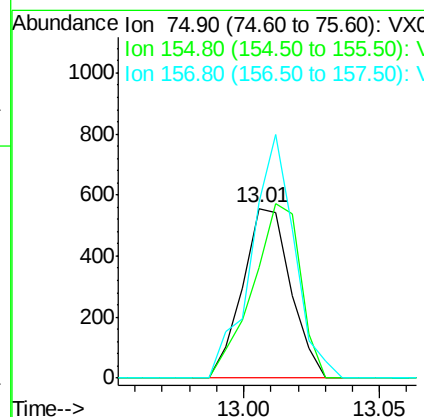
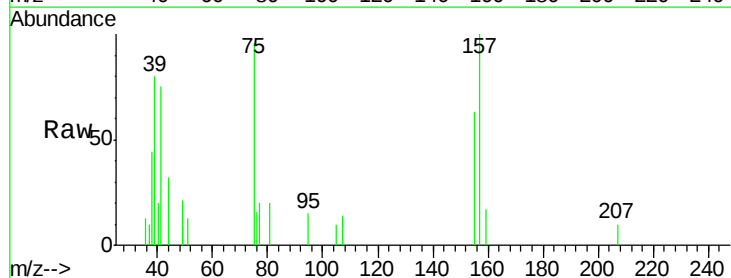
Manual Integrations
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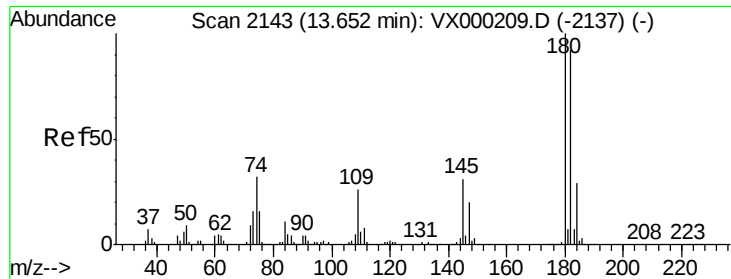
apatel
3/8/2018 10:42:06 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.98 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.01 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.9	45.5	136.5
157	128.7	58.6	175.8





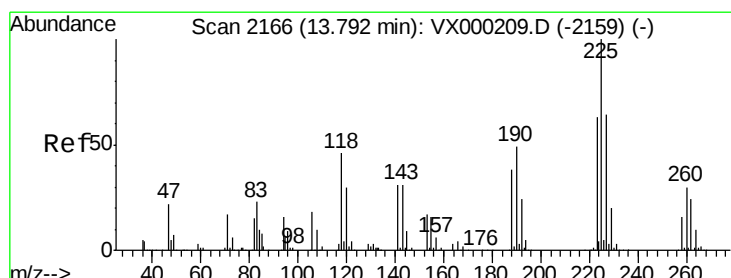
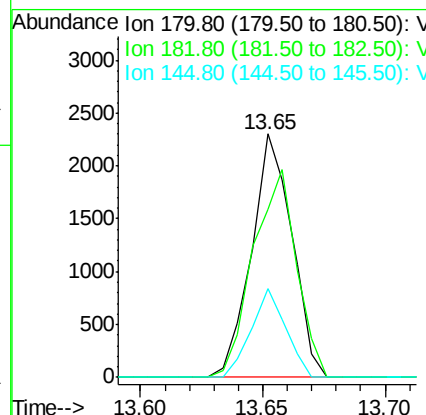
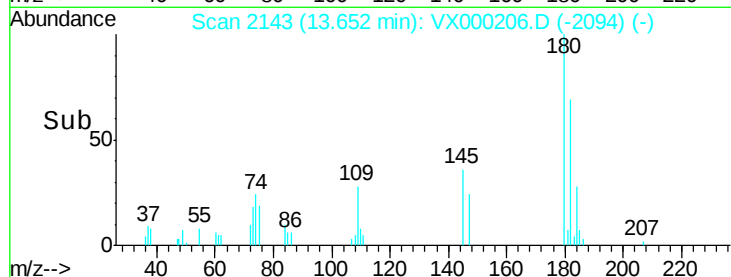
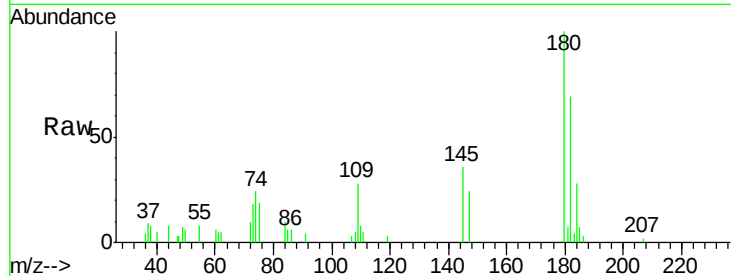
#93
 1,2,4-Trichlorobenzene
 Concen: 1.07 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000206.D
 Acq: 07 Mar 2018 11:57

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.1	47.0	141.0
145	31.0	15.3	45.9

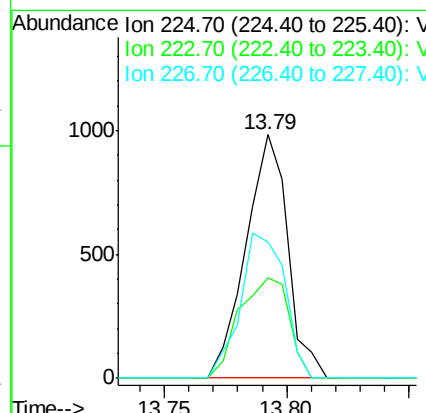
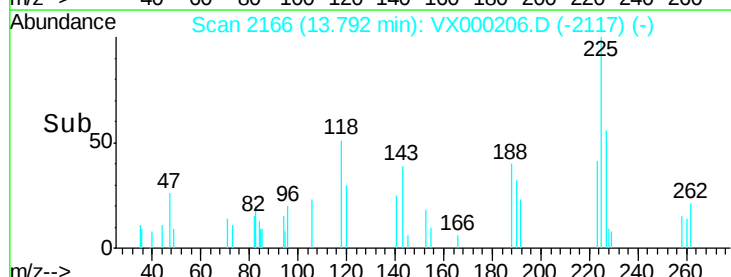
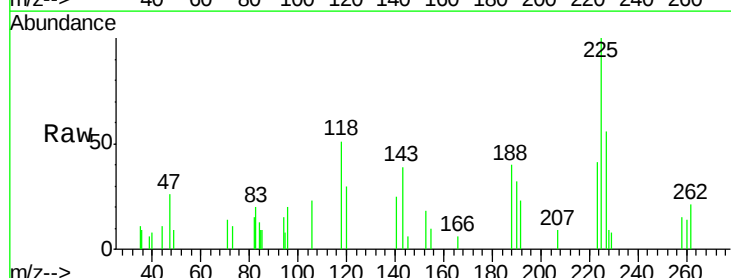
Manual Integrations
 APPROVED

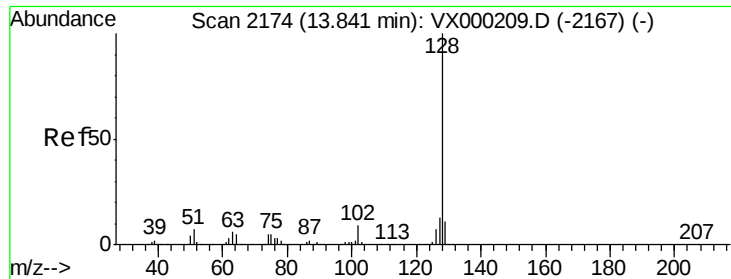
apatel
 3/8/2018 10:42:06 AM



#94
 Hexachlorobutadiene
 Concen: 1.14 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000206.D
 Acq: 07 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	48.7	31.8	95.3
227	62.9	31.9	95.5





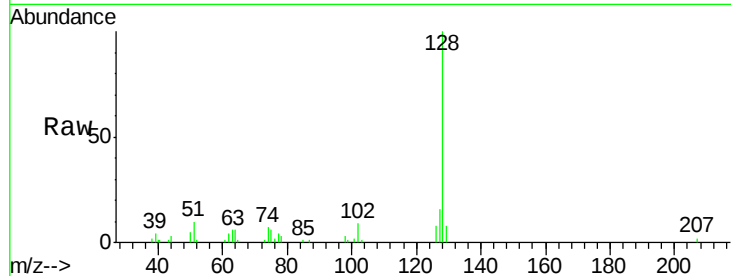
#95
Naphthalene
Concen: 1.05 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	8.8	8.6	13.0

Manual Integrations
APPROVED

apatel
3/8/2018 10:42:06 AM

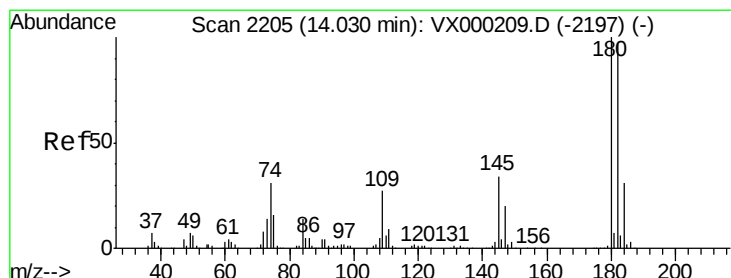
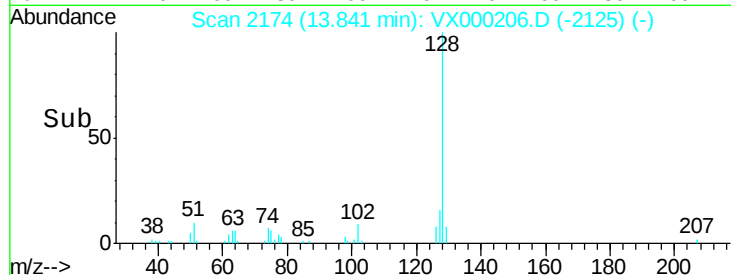
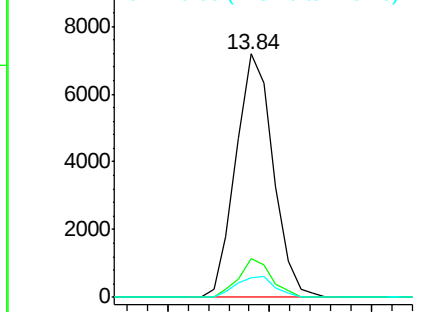


Abundance

Ion 128.00 (127.70 to 128.70): V

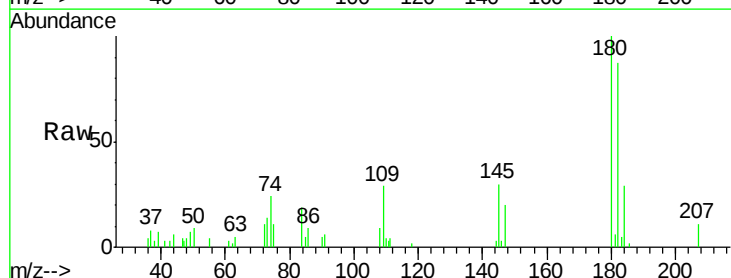
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 1.08 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000206.D
Acq: 07 Mar 2018 11:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	48.0	144.0
145	32.5	16.3	48.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

