

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030718\
 Data File : VX000208.D
 Acq On : 07 Mar 2018 13:01
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 3/8/2018 10:42:14 AM

Quant Time: Mar 08 00:46:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 00:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	139651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	232727	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	237374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135856	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	39780	22.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.58%	
35) Dibromofluoromethane	5.52	113	30193	20.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.96%	
50) Toluene-d8	8.73	98	122538	20.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.46%	
62) 4-Bromofluorobenzene	11.15	95	47537	20.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28487	19.75	ug/l	99
3) Chloromethane	1.32	50	28387	20.09	ug/l	99
4) Vinyl Chloride	1.41	62	35096	22.12	ug/l	99
5) Bromomethane	1.65	94	30501	19.49	ug/l	97
6) Chloroethane	1.73	64	21790	20.29	ug/l	97
7) Trichlorofluoromethane	1.93	101	56506	19.88	ug/l	98
8) Diethyl Ether	2.20	74	20304	20.69	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31240	19.74	ug/l	99
10) Methyl Iodide	2.52	142	25367	15.09	ug/l	99
11) Tert butyl alcohol	3.07	59	68935	101.60	ug/l	99
12) 1,1-Dichloroethene	2.38	96	29115	19.80	ug/l	93
13) Acrolein	2.30	56	36257	108.75	ug/l	99
14) Allyl chloride	2.73	41	53070	21.34	ug/l	99
15) Acrylonitrile	3.15	53	122924	105.35	ug/l	99
16) Acetone	2.45	43	135051	115.12	ug/l	99
17) Carbon Disulfide	2.58	76	78344	18.13	ug/l	99
18) Methyl Acetate	2.78	43	56833	20.99	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	103275	20.40	ug/l	99
20) Methylene Chloride	2.87	84	32034	19.55	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	31480	19.68	ug/l	97
22) Diisopropyl ether	3.88	45	92683	21.61	ug/l	100
23) Vinyl Acetate	3.84	43	466881	115.57	ug/l	99
24) 1,1-Dichloroethane	3.71	63	56702	21.50	ug/l	98
25) 2-Butanone	4.72	43	166273	103.66	ug/l	99
26) 2,2-Dichloropropane	4.59	77	39853	18.16	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	29614	19.61	ug/l	99
28) Bromochloromethane	5.03	49	22913	19.81	ug/l	# 12
29) Tetrahydrofuran	5.18	42	104620	100.63	ug/l	100
30) Chloroform	5.23	83	52202	19.40	ug/l	100
31) Cyclohexane	5.59	56	42654	19.36	ug/l	88
32) 1,1,1-Trichloroethane	5.51	97	47239	19.16	ug/l	98
36) 1,1-Dichloropropene	5.81	75	39163	18.71	ug/l	99
37) Ethyl Acetate	4.87	43	55267	19.14	ug/l	99
38) Carbon Tetrachloride	5.79	117	38605	17.27	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	47826	18.93	ug/l	94
40) Benzene	6.15	78	115084	19.21	ug/l	100
41) Methacrylonitrile	5.07	41	28097	18.63	ug/l	97
42) 1,2-Dichloroethane	6.21	62	45818	20.65	ug/l	100
43) Isopropyl Acetate	6.48	43	81975	19.61	ug/l	99
44) Trichloroethene	7.22	130	32519	18.54	ug/l	91
45) 1,2-Dichloropropane	7.52	63	29327	19.89	ug/l	91
46) Dibromomethane	7.67	93	23246	20.19	ug/l	99
47) Bromodichloromethane	7.91	83	41201	19.42	ug/l	96
48) Methyl methacrylate	7.79	41	39399	19.28	ug/l	98
49) 1,4-Dioxane	7.77	88	19130	364.25	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	318887	103.40	ug/l	99
52) Toluene	8.79	92	79190	19.65	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	48954	19.63	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	46899	18.95	ug/l	94
55) 1,1,2-Trichloroethane	9.23	97	32604	19.66	ug/l	99
56) Ethyl methacrylate	9.19	69	49323	19.34	ug/l	95
57) 1,3-Dichloropropane	9.38	76	55236	20.92	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	119299	92.73	ug/l	98
59) 2-Hexanone	9.51	43	272353	104.10	ug/l	99
60) Dibromochloromethane	9.59	129	33551	18.03	ug/l	99
61) 1,2-Dibromoethane	9.68	107	35824	19.42	ug/l	100
64) Tetrachloroethene	9.34	164	32062	18.86	ug/l	95
65) Chlorobenzene	10.15	112	93209	18.69	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	31966	18.49	ug/l	99
67) Ethyl Benzene	10.26	91	162686	19.35	ug/l	100
68) m/p-Xylenes	10.37	106	122977	36.90	ug/l	98
69) o-Xylene	10.71	106	60192	18.80	ug/l	98
70) Styrene	10.72	104	98985	18.85	ug/l	99
71) Bromoform	10.87	173	25888	16.60	ug/l #	99
73) Isopropylbenzene	11.02	105	164069	19.15	ug/l	99
74) N-amyl acetate	6.48	43	81975	19.03	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	11.27	83	58246	19.49	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	53948m	19.33	ug/l	
77) Bromobenzene	11.26	156	40971	17.86	ug/l	97
78) n-propylbenzene	11.37	91	196193	19.42	ug/l	98
79) 2-Chlorotoluene	11.43	91	110131	19.12	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	137633	19.03	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	16927	17.50	ug/l	95
82) 4-Chlorotoluene	11.52	91	134631	19.18	ug/l	99
83) tert-Butylbenzene	11.78	119	133618	18.28	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	145377	19.33	ug/l	98
85) sec-Butylbenzene	11.96	105	173683	19.10	ug/l	99
86) p-Isopropyltoluene	12.07	119	152269	18.79	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	80114	18.05	ug/l	97
88) 1,4-Dichlorobenzene	12.11	146	81860	17.85	ug/l	99
89) n-Butylbenzene	12.40	91	148304	19.29	ug/l	99
90) Hexachloroethane	12.60	117	24106	18.41	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	78967	18.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16514	19.95	ug/l	93

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VSTDICC020

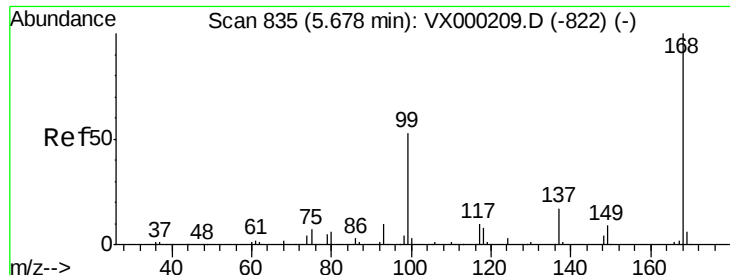
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57198	17.63	ug/l	99
94) Hexachlorobutadiene	13.79	225	23278	16.66	ug/l	98
95) Naphthalene	13.84	128	206554	18.64	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	56766	17.74	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion:168 Resp: 139651

Ion Ratio Lower Upper

168 100

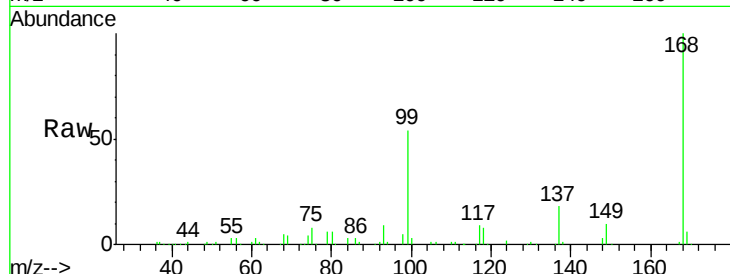
99 53.5 42.8 64.2

Manual Integrations

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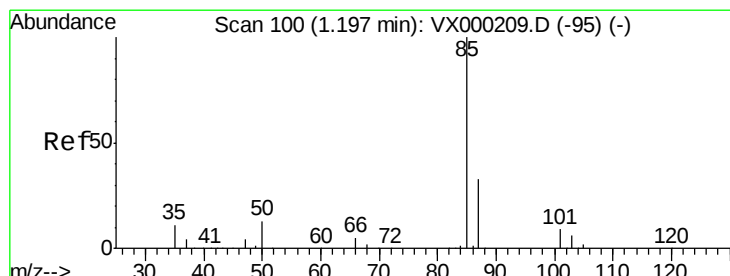
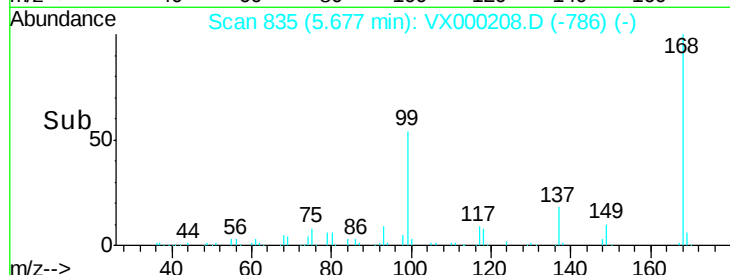
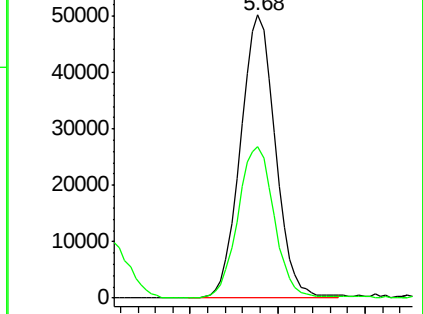
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.75 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000208.D

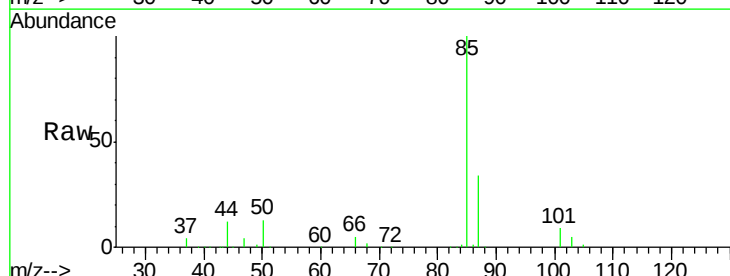
Acq: 07 Mar 2018 13:01

Tgt Ion: 85 Resp: 28487

Ion Ratio Lower Upper

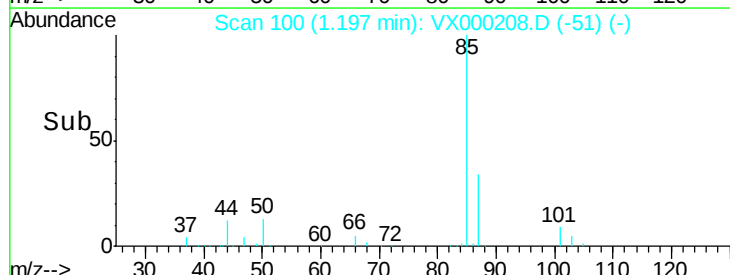
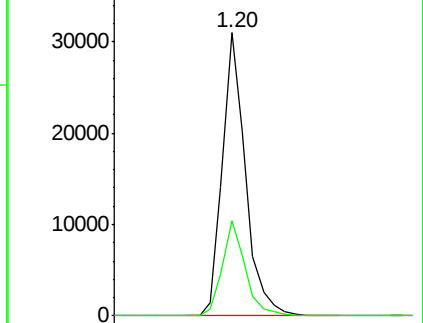
85 100

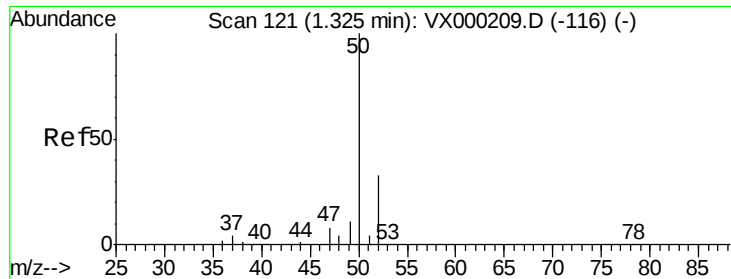
87 33.6 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.09 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 28387

Ion Ratio Lower Upper

50 100

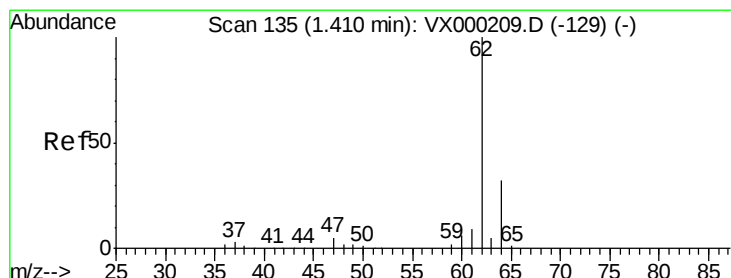
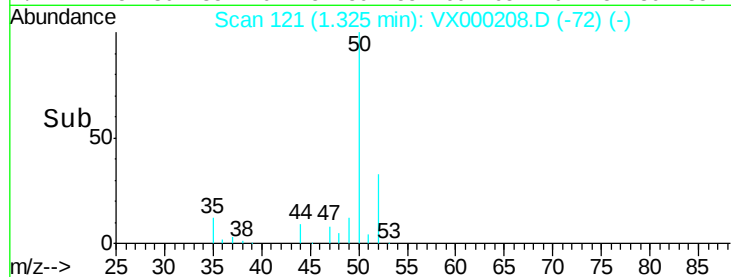
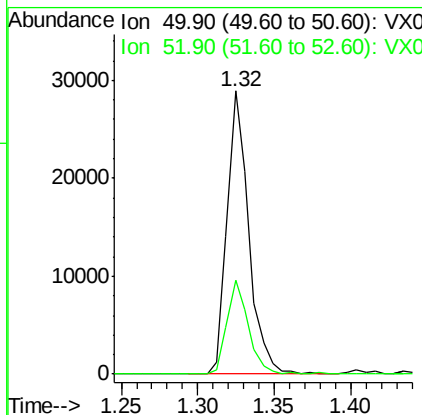
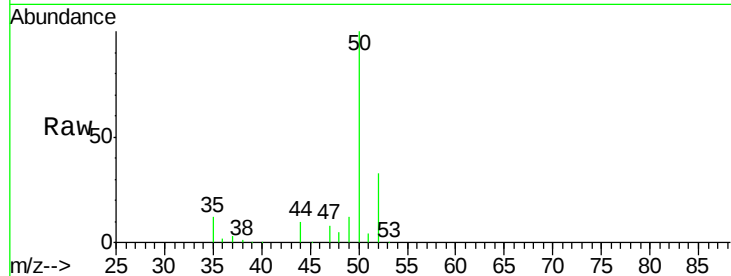
52 33.1 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.12 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000208.D

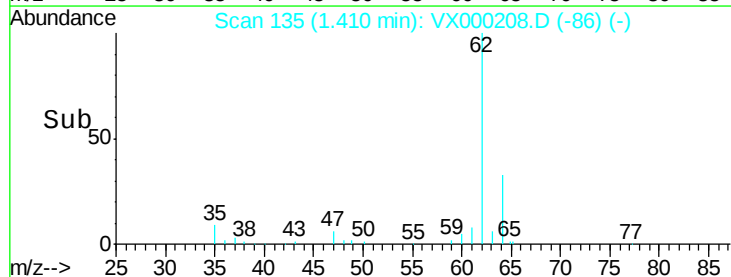
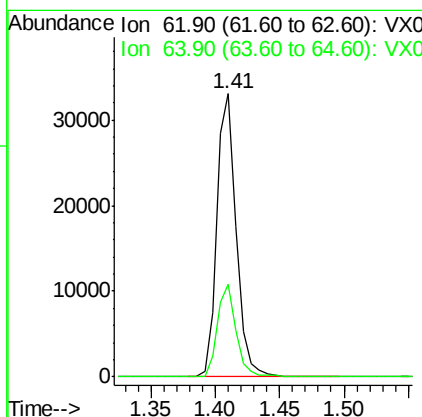
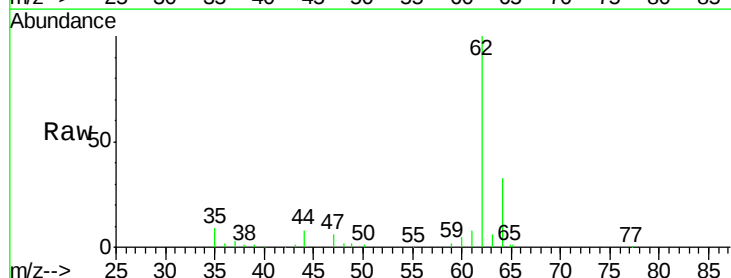
Acq: 07 Mar 2018 13:01

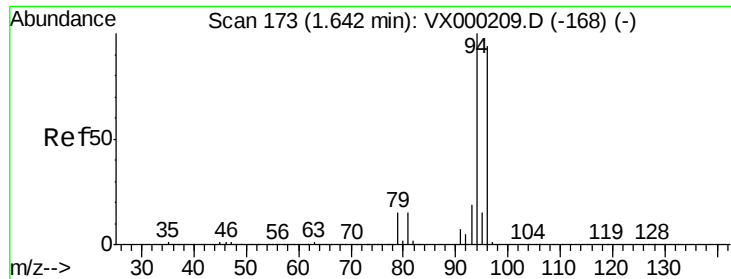
Tgt Ion: 62 Resp: 35096

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 19.49 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 94 Resp: 30501

Ion Ratio Lower Upper

94 100

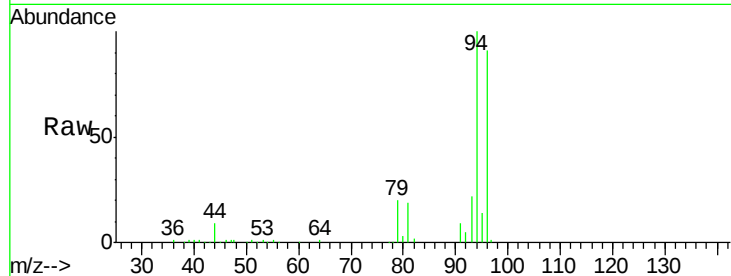
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Manual Integrations

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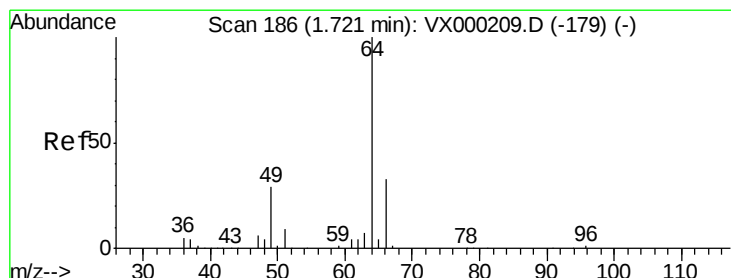
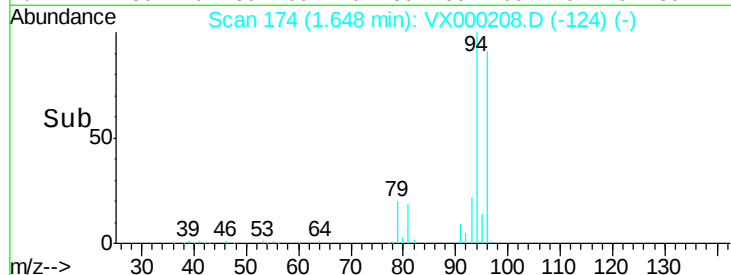
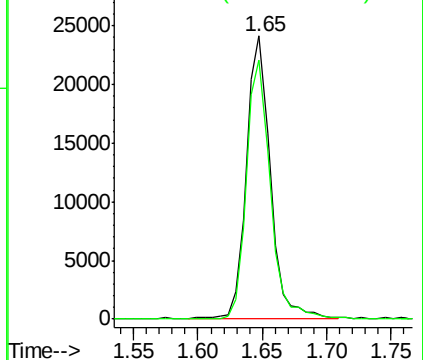
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.29 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000208.D

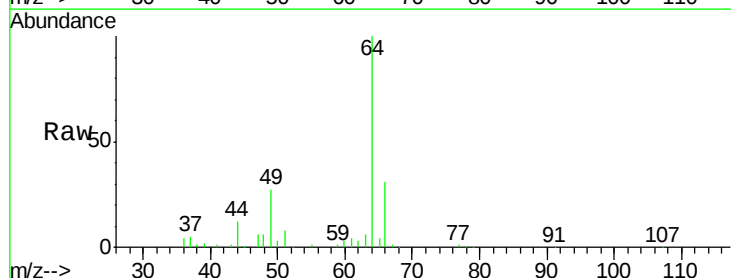
Acq: 07 Mar 2018 13:01

Tgt Ion: 64 Resp: 21790

Ion Ratio Lower Upper

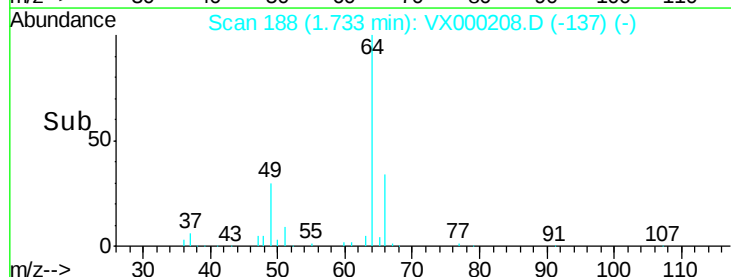
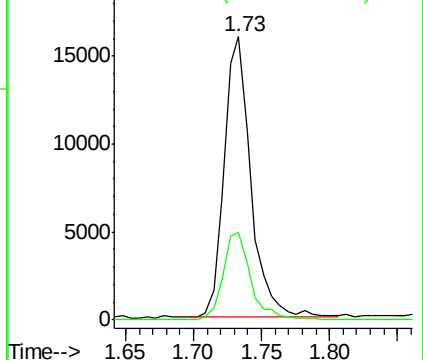
64 100

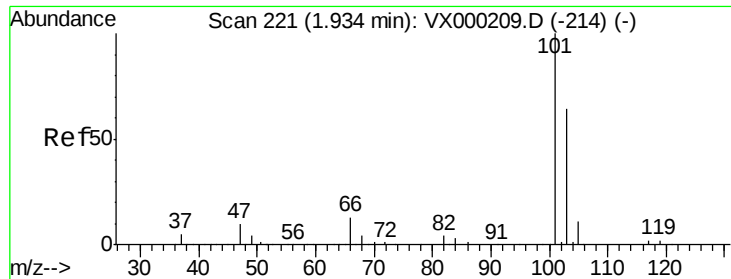
66 31.1 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

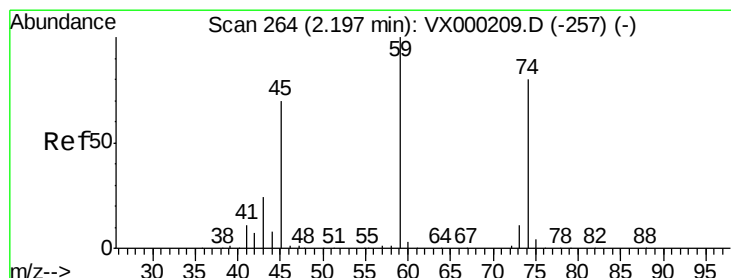
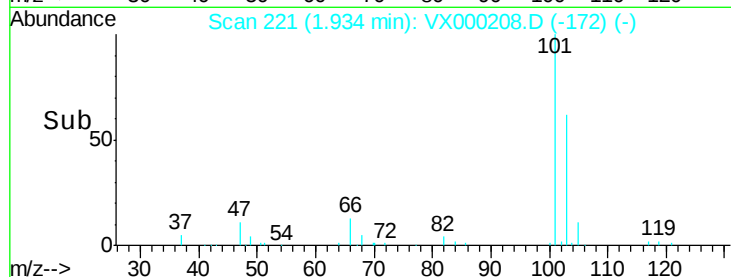
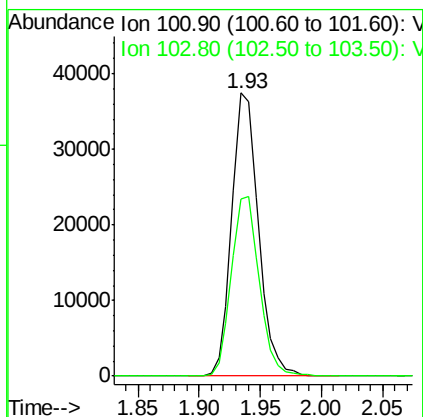
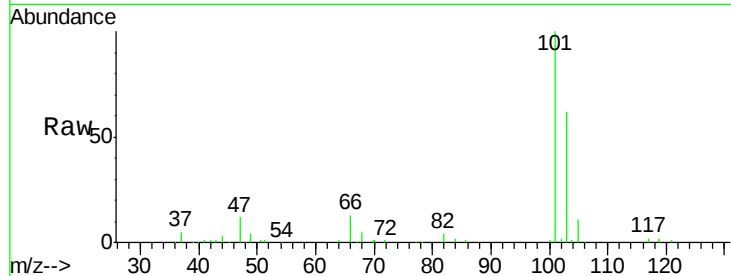
Trichlorofluoromethane
Concen: 19.88 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.2	76.8

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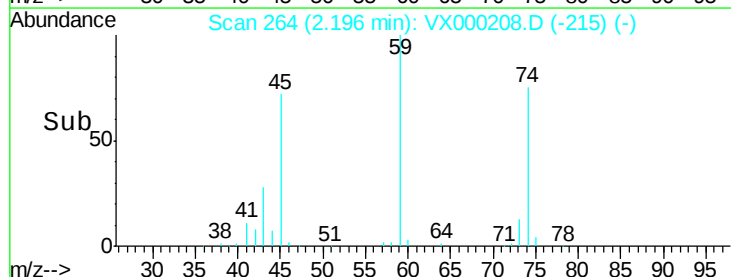
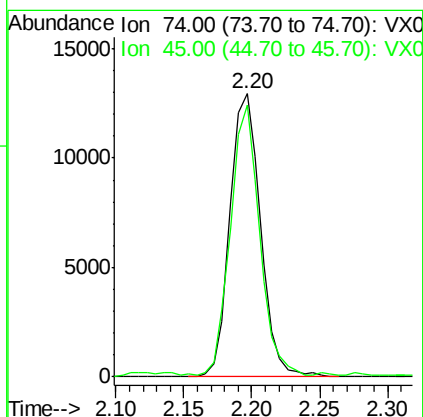
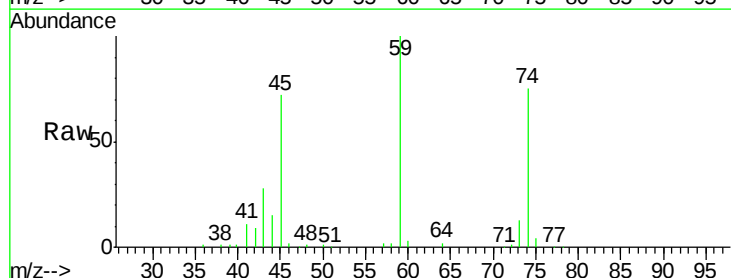
apatel
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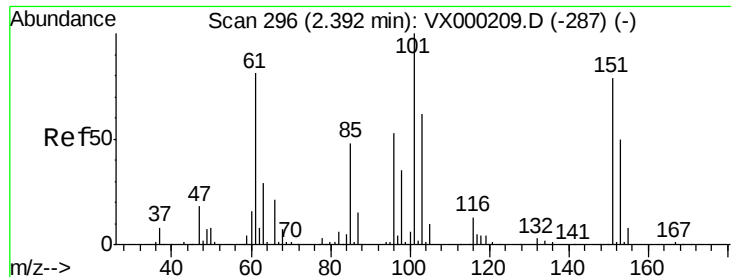


#8

Diethyl Ether
Concen: 20.69 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000208.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.7	47.2	141.6





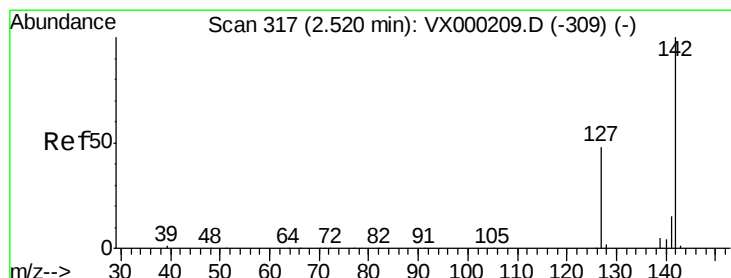
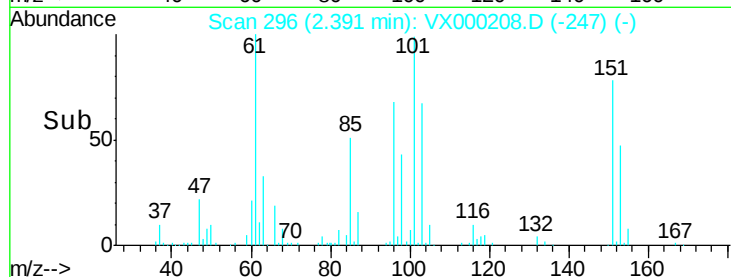
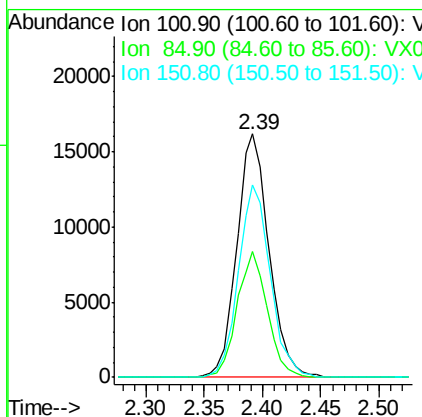
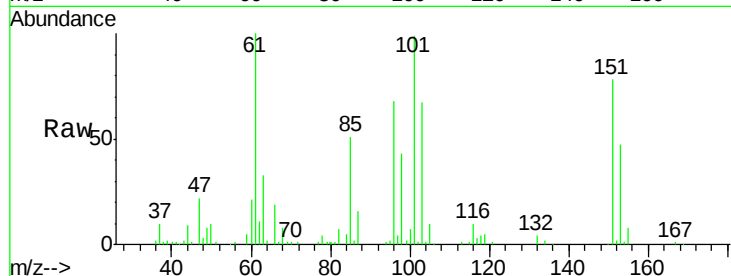
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.74 ug/l
 RT: 2.39 min Scan# 296
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
101	100		
85	48.5	38.3	57.5
151	77.9	62.8	94.2

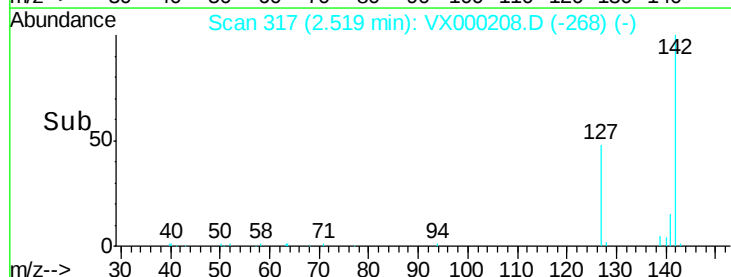
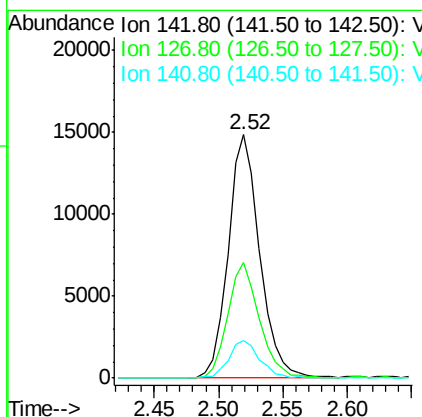
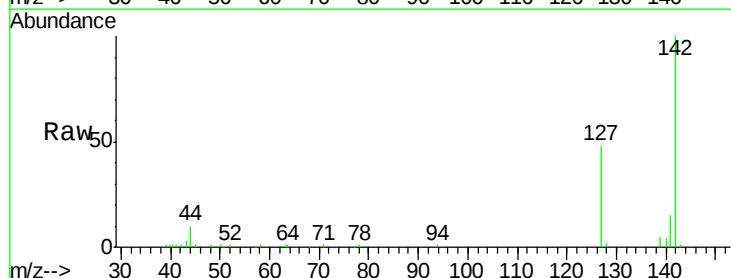
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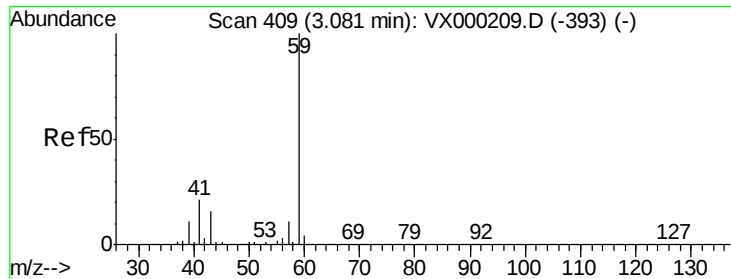
apatel
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#10
 Methyl Iodide
 Concen: 15.09 ug/l
 RT: 2.52 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
142	100		
127	47.8	39.0	58.6
141	15.1	11.6	17.4





#11

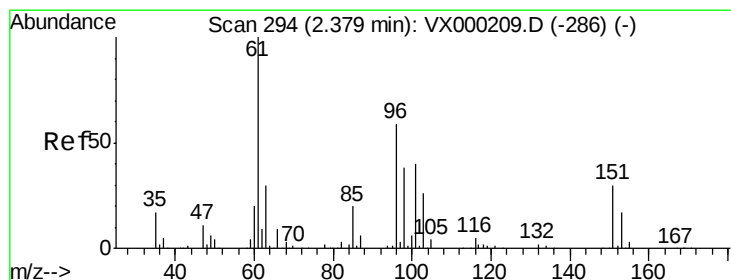
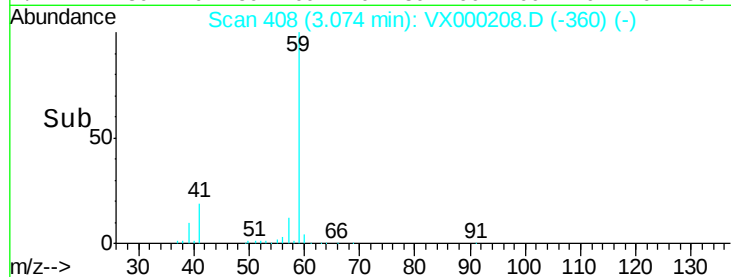
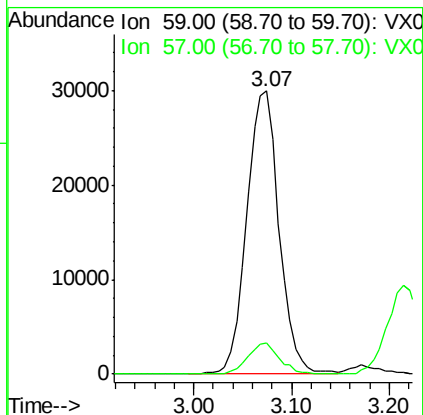
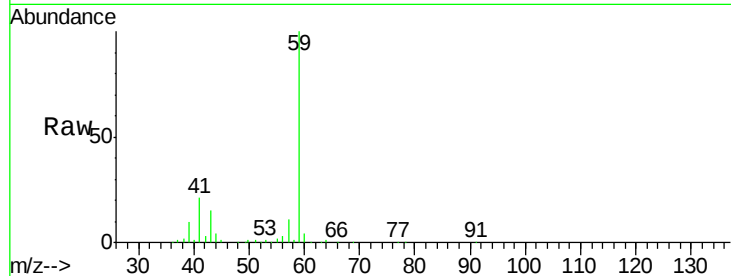
Tert butyl alcohol
Concen: 101.60 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	59	Resp	68935
Ion Ratio	100	Lower	Upper
57	10.8	8.4	12.6

Manual Integrations
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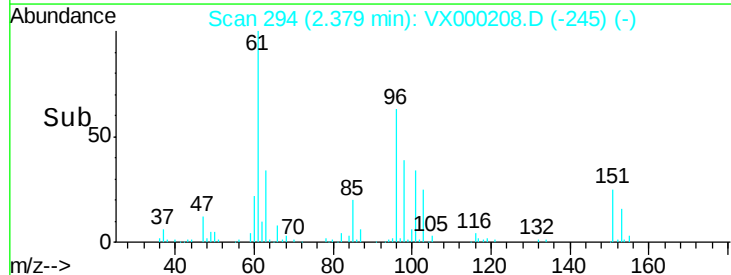
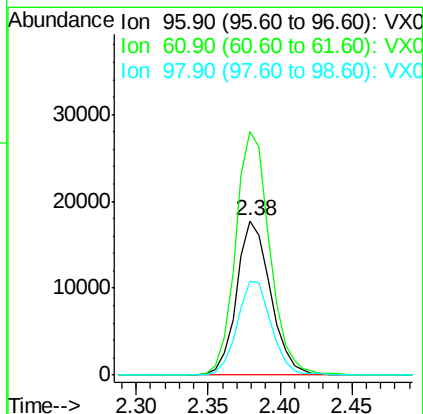
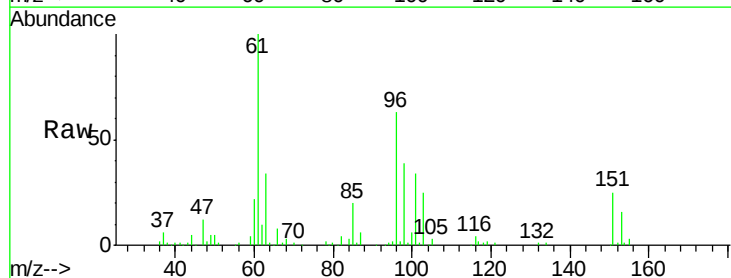
apatel
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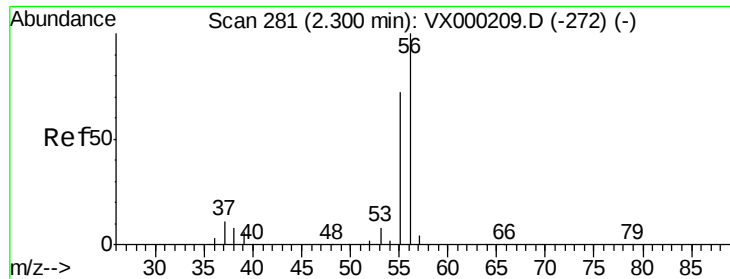


#12

1,1-Dichloroethene
Concen: 19.80 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion	96	Resp	29115
Ion Ratio	100	Lower	Upper
61	157.7	135.8	203.6
98	61.2	51.1	76.7





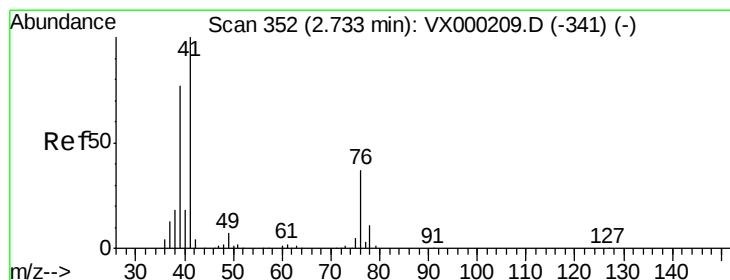
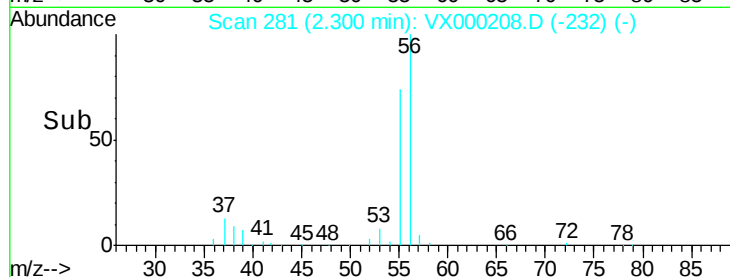
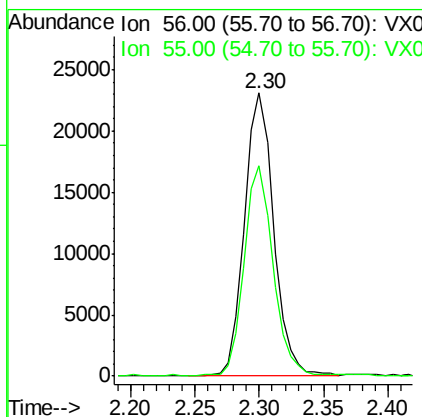
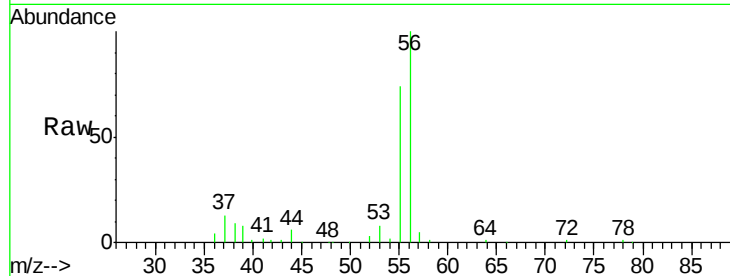
#13
Acrolein
Concen: 108.75 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	56	Resp	36257
Ion Ratio	100	Lower	Upper
55	75.1	59.2	88.8

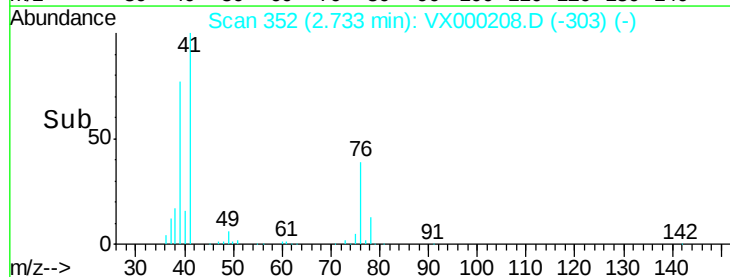
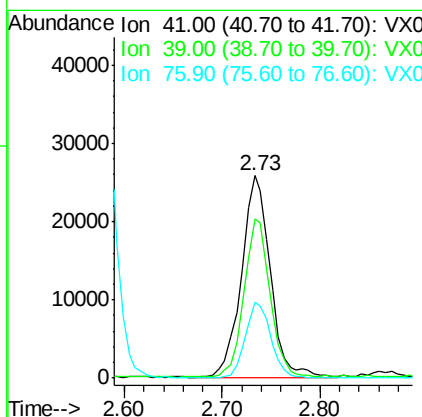
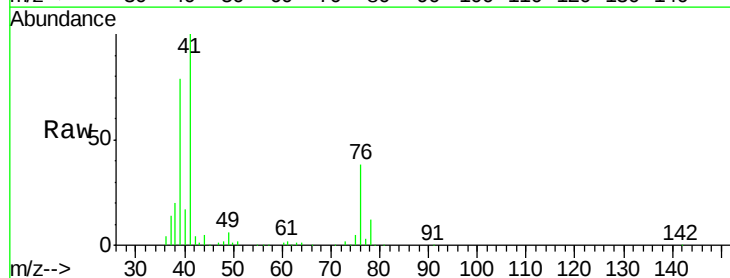
Manual Integrations
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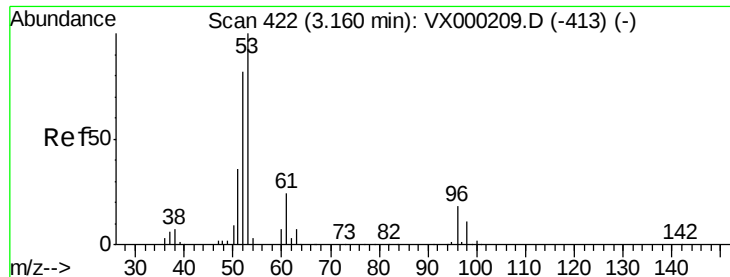
apatel
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#14
Allyl chloride
Concen: 21.34 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion	41	Resp	53070
Ion Ratio	100	Lower	Upper
39	70.2	57.0	85.6
76	33.0	26.8	40.2





#15

Acrylonitrile

Concen: 105.35 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

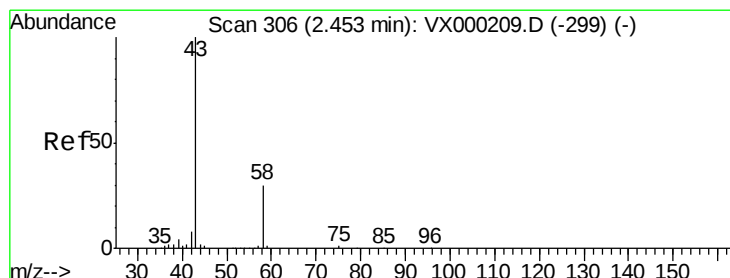
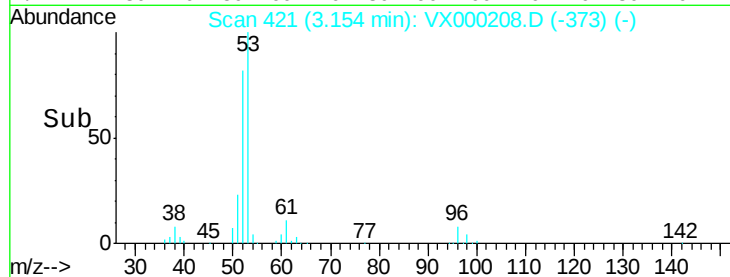
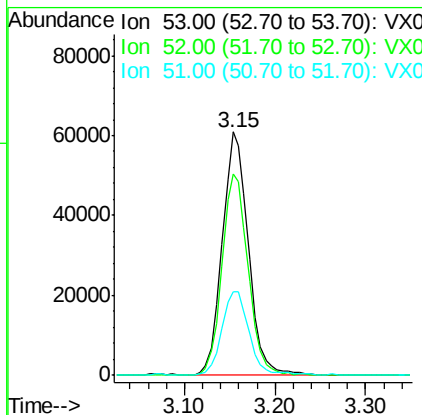
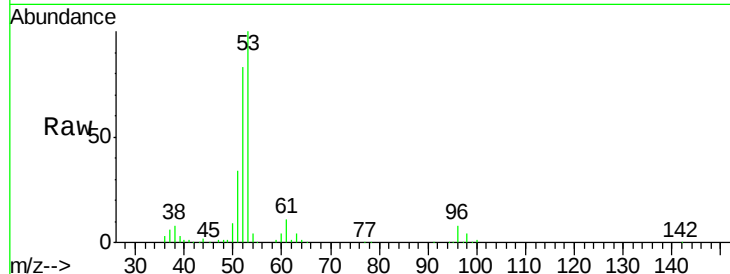
ClientSampled :

VSTDIC020

Tot Ion:	53	Resp:	122924
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.3	99.5
51	36.0	29.6	44.4

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#16

Acetone

Concen: 115.12 ug/l

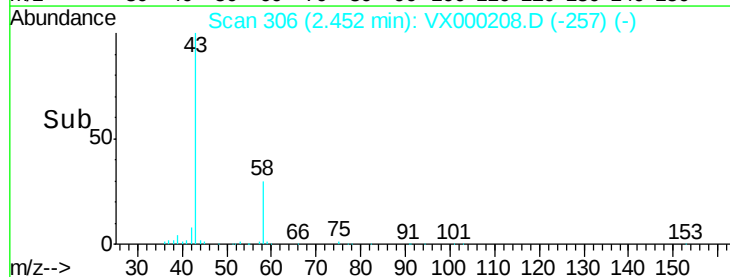
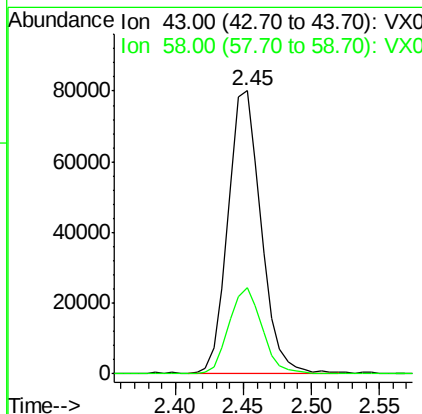
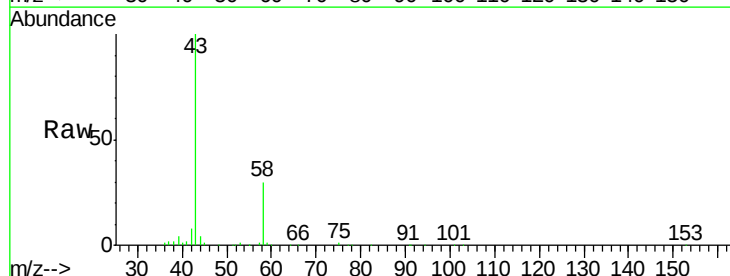
RT: 2.45 min Scan# 306

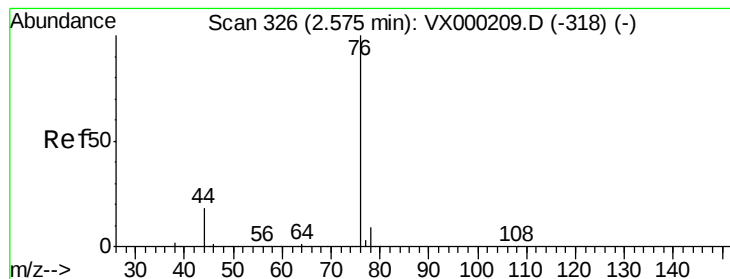
Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Tgt Ion:	43	Resp:	135051
Ion Ratio		Lower	Upper
43	100		
58	30.5	23.8	35.6





#17

Carbon Disulfide

Concen: 18.13 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 76 Resp: 78344

Ion Ratio Lower Upper

76 100

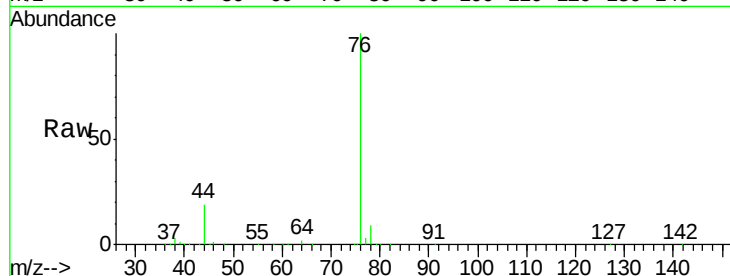
78 9.3 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

50000

40000

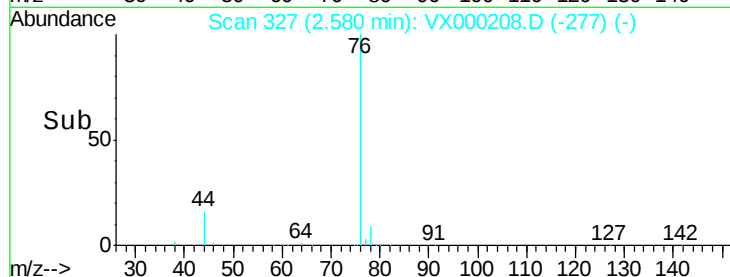
30000

20000

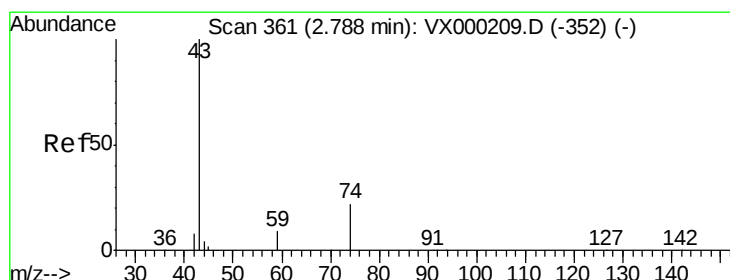
10000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 20.99 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000208.D

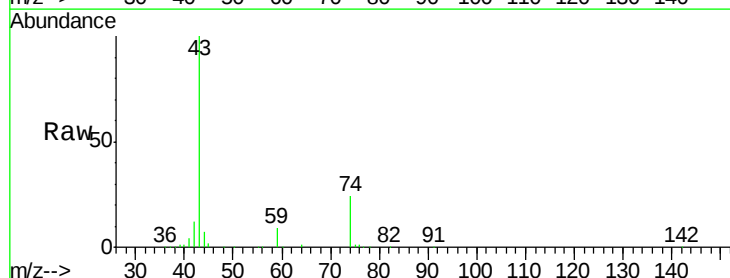
Acq: 07 Mar 2018 13:01

Tgt Ion: 43 Resp: 56833

Ion Ratio Lower Upper

43 100

74 24.3 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

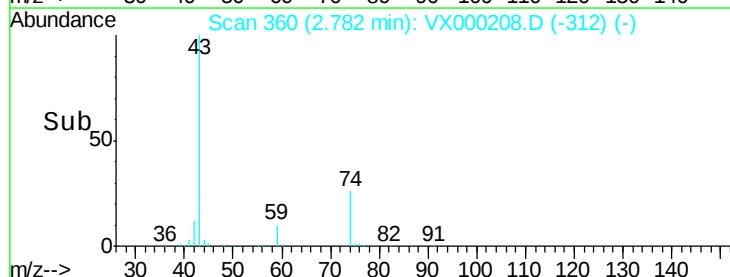
30000

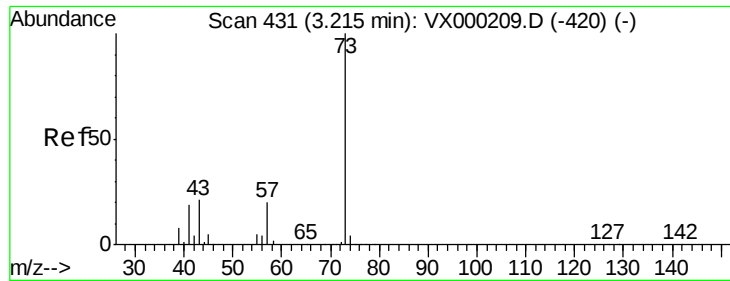
20000

10000

0

Time-->





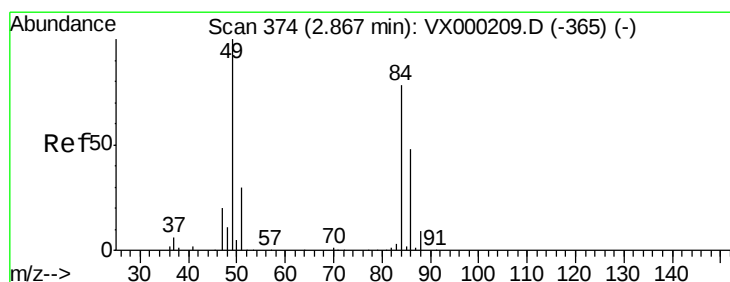
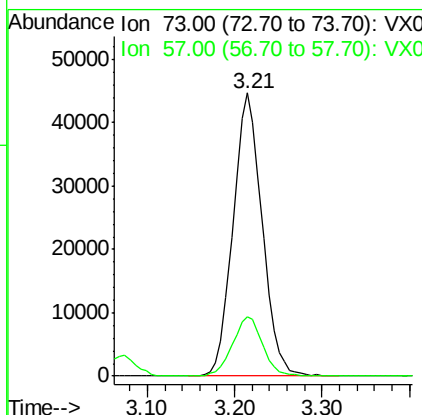
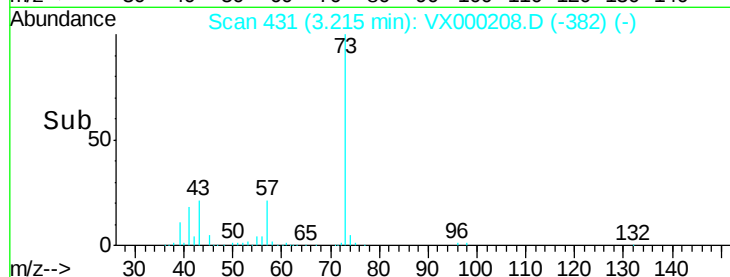
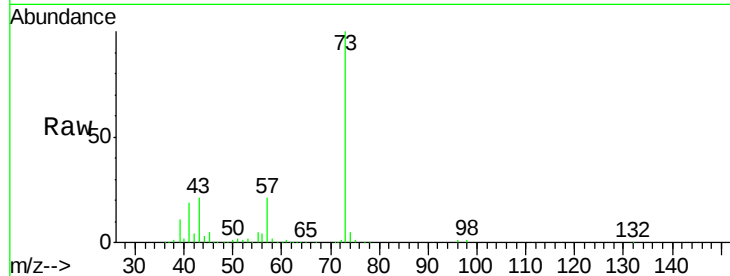
#19
Methyl tert-butyl Ether
Concen: 20.40 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion: 73 Resp: 103275
Ion Ratio Lower Upper
73 100
57 20.9 16.3 24.5

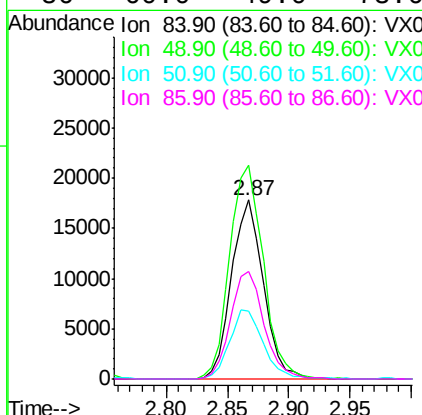
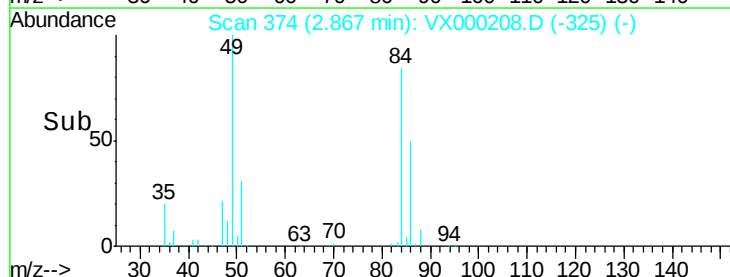
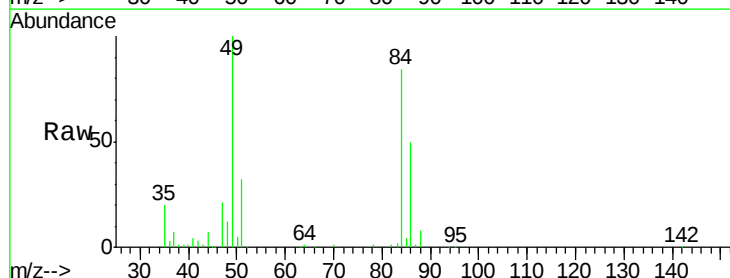
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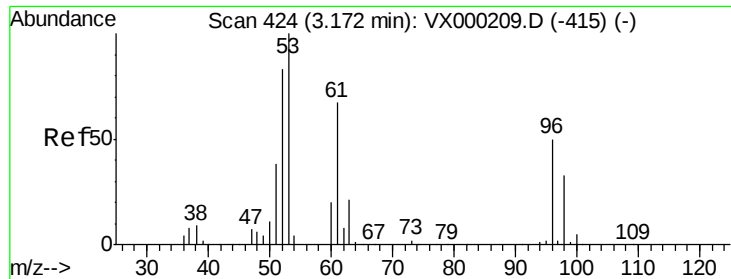
apatel
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#20
Methylene Chloride
Concen: 19.55 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion: 84 Resp: 32034
Ion Ratio Lower Upper
84 100
49 119.6 102.1 153.1
51 37.7 30.6 45.8
86 60.0 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 19.68 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

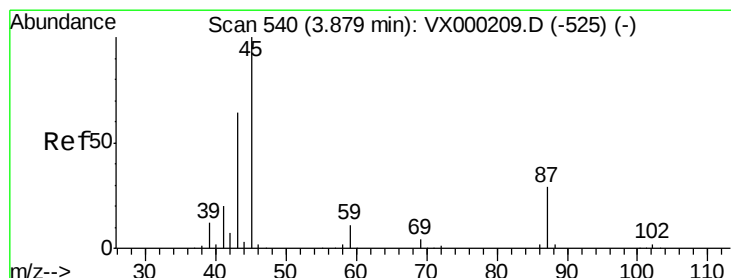
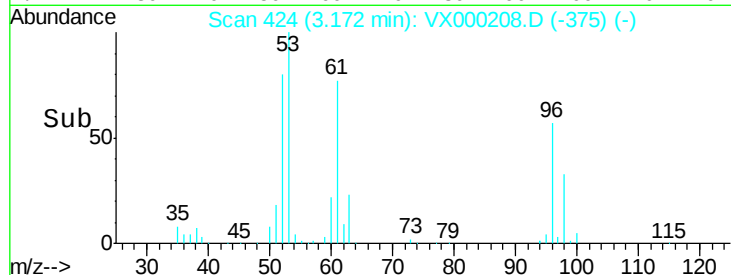
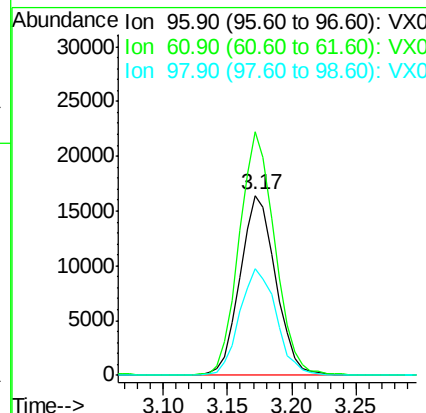
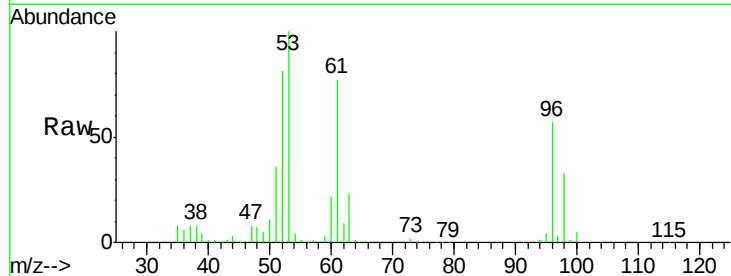
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	31480
Ion	Ratio	Lower	Upper
96	100		
61	135.4	107.0	160.4
98	59.0	51.8	77.8

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#22

Diisopropyl ether

Concen: 21.61 ug/l

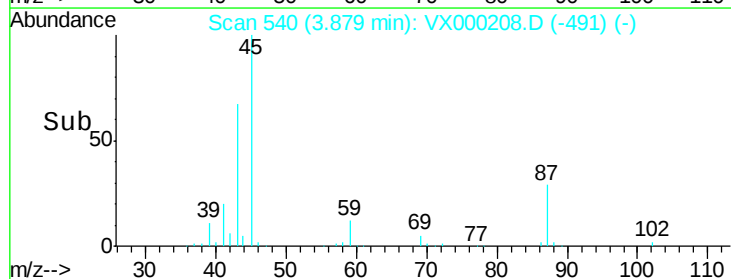
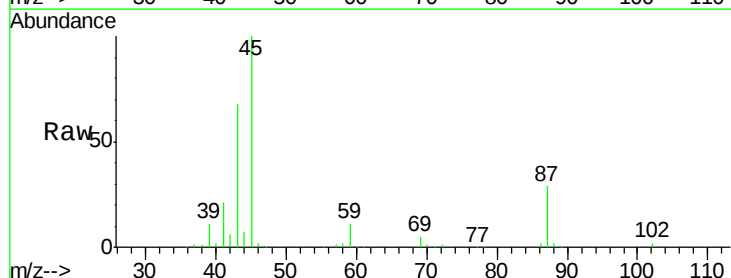
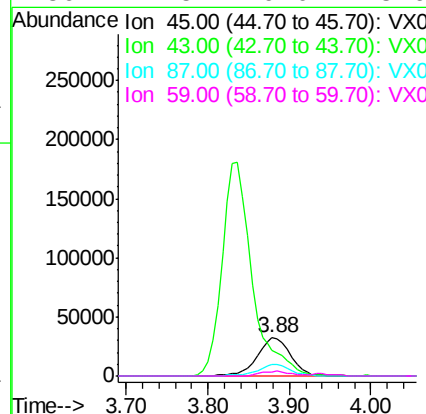
RT: 3.88 min Scan# 540

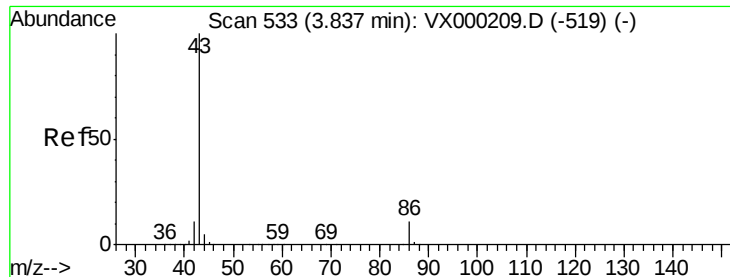
Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Tgt Ion:	45	Resp:	92683
Ion	Ratio	Lower	Upper
45	100		
43	66.5	53.5	80.3
87	28.9	23.3	34.9
59	11.5	9.0	13.6





#23

Vinyl Acetate

Concen: 115.57 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 466881

Ion Ratio Lower Upper

43 100

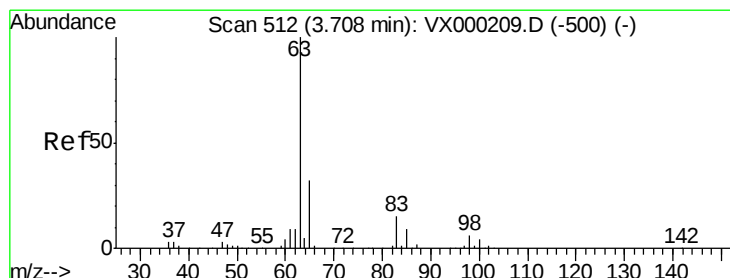
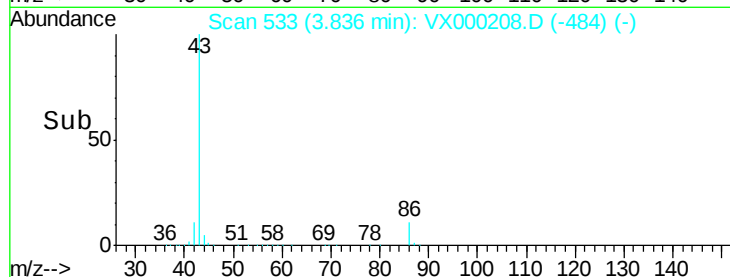
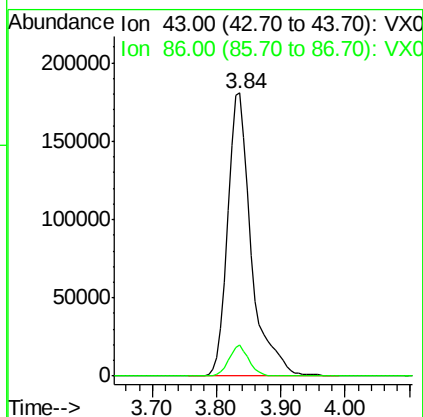
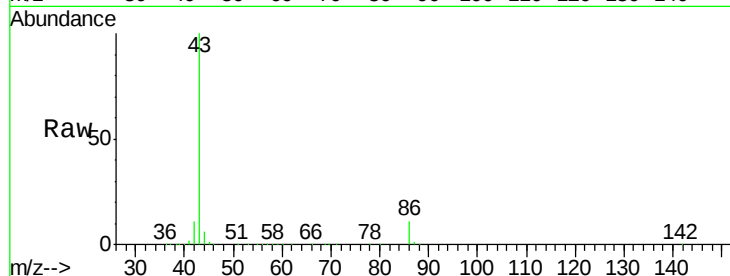
86 10.9 8.5 12.7

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#24

1,1-Dichloroethane

Concen: 21.50 ug/l

RT: 3.71 min Scan# 512

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

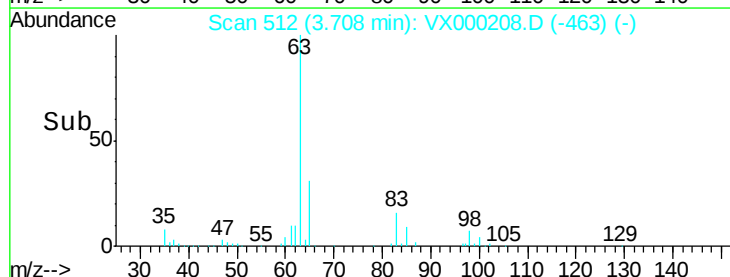
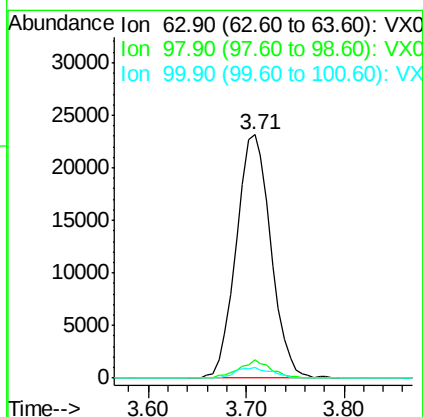
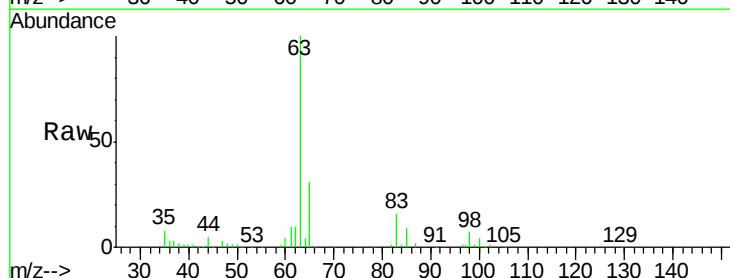
Tgt Ion: 63 Resp: 56702

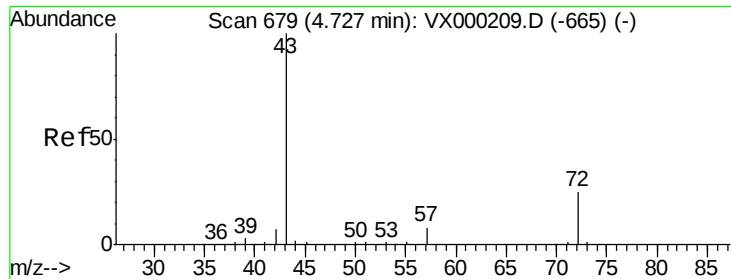
Ion Ratio Lower Upper

63 100

98 7.5 3.1 9.4

100 4.2 2.2 6.6





#25

2-Butanone

Concen: 103.66 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 166273

Ion Ratio Lower Upper

43 100

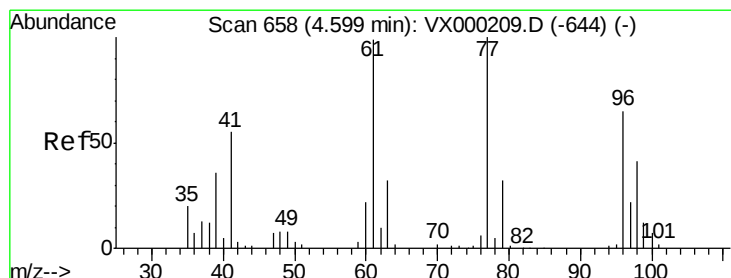
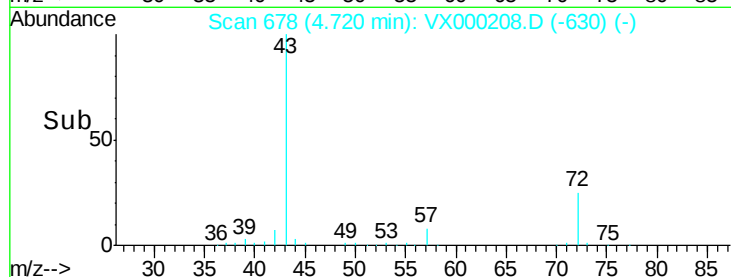
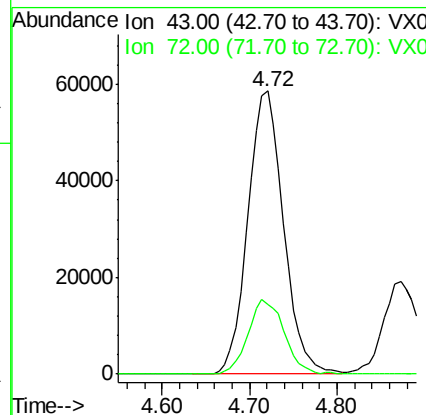
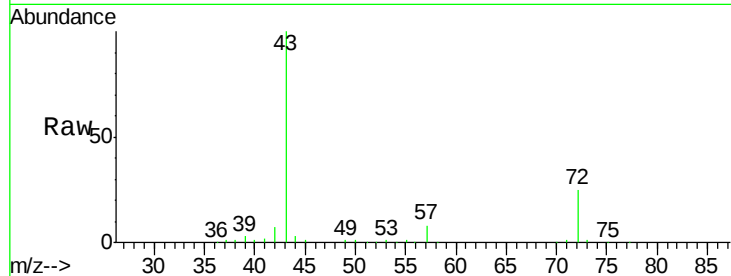
72 24.5 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 18.16 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000208.D

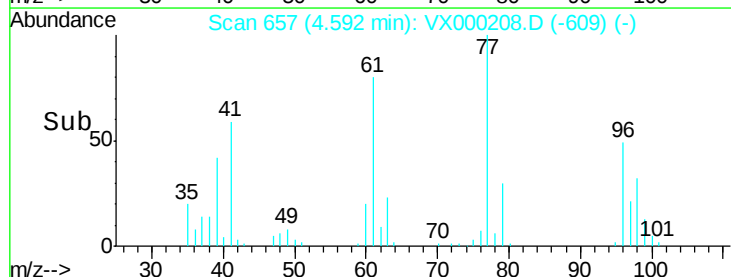
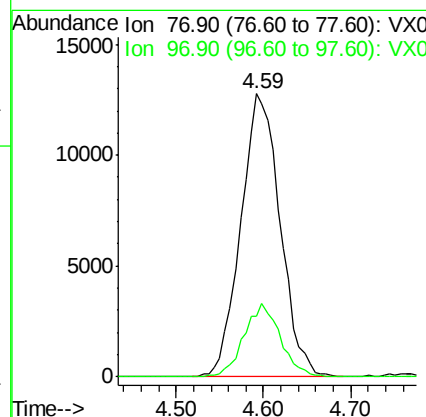
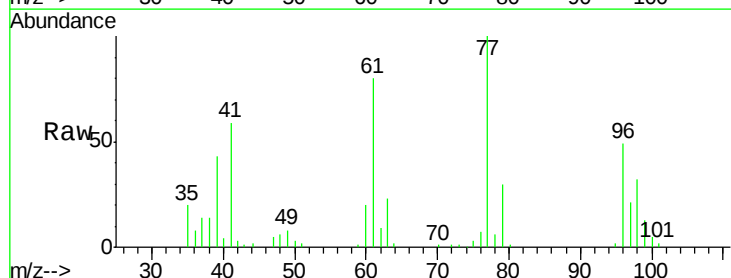
Acq: 07 Mar 2018 13:01

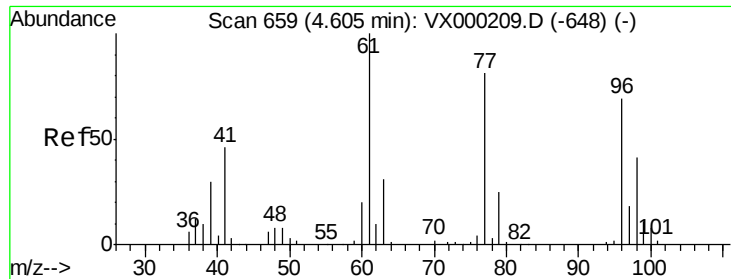
Tgt Ion: 77 Resp: 39853

Ion Ratio Lower Upper

77 100

97 23.9 11.4 34.1





#27

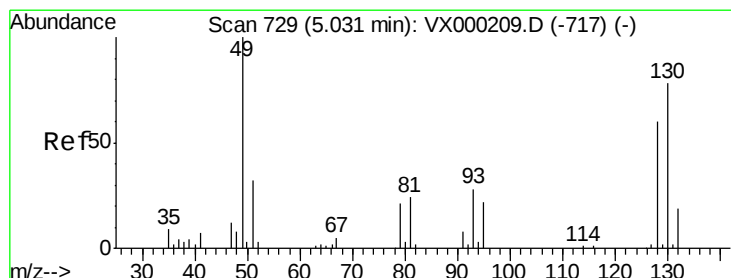
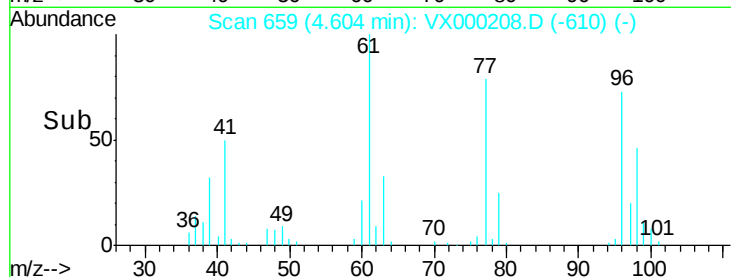
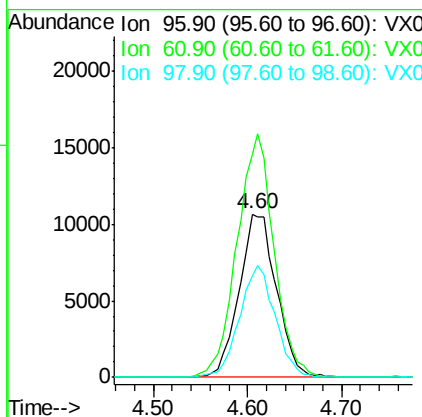
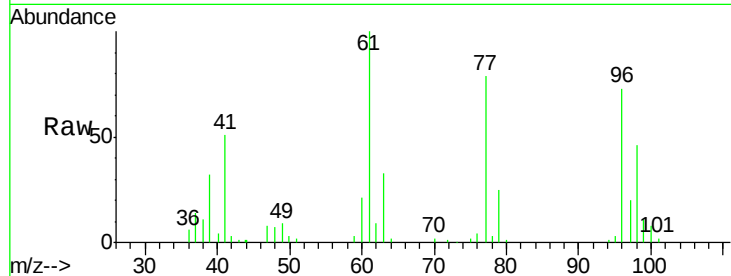
cis-1,2-Dichloroethene
 Concen: 19.61 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	296.4
98	65.2	0.0	130.6

Manual Integrations
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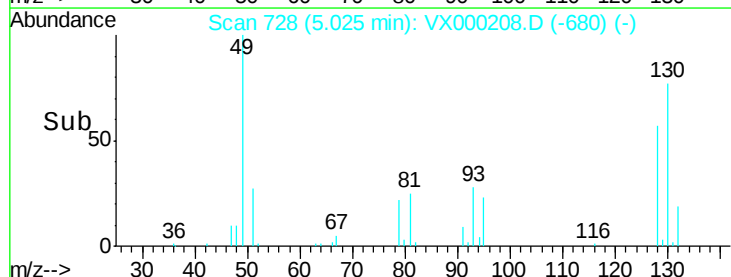
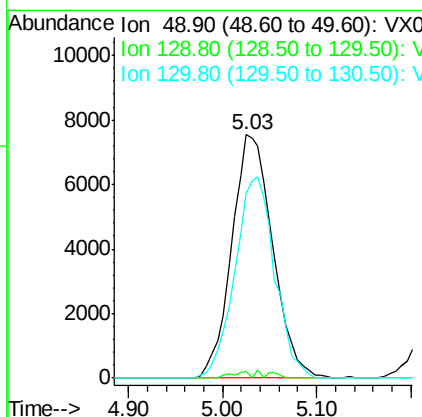
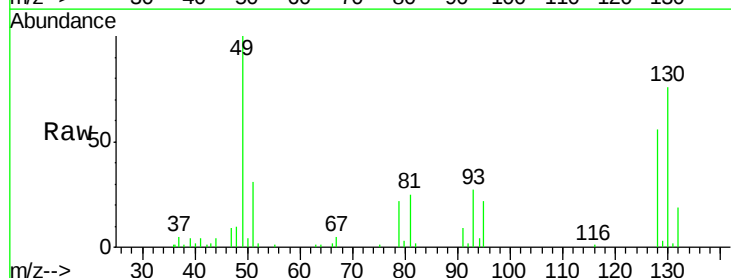
apatel
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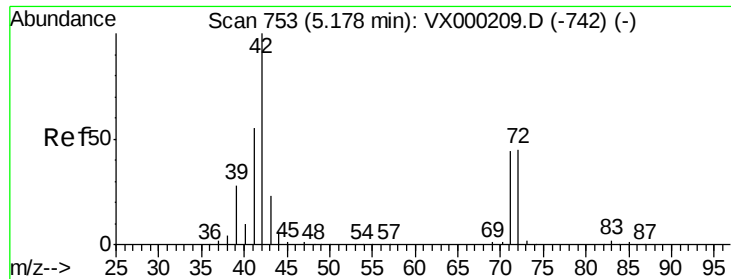


#28

Bromochloromethane
 Concen: 19.81 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	5.0
130	0.0	63.5	95.3#





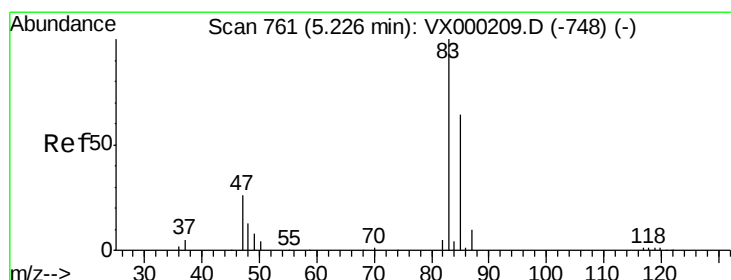
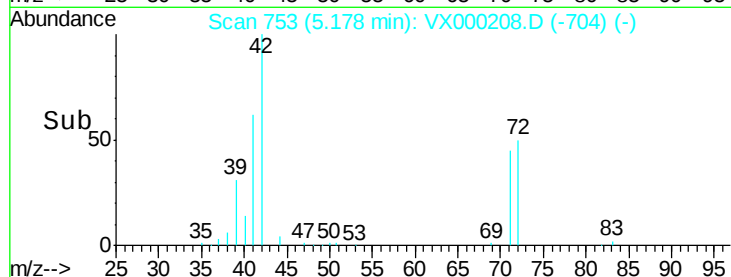
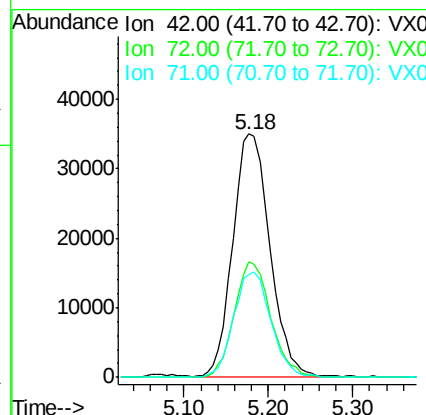
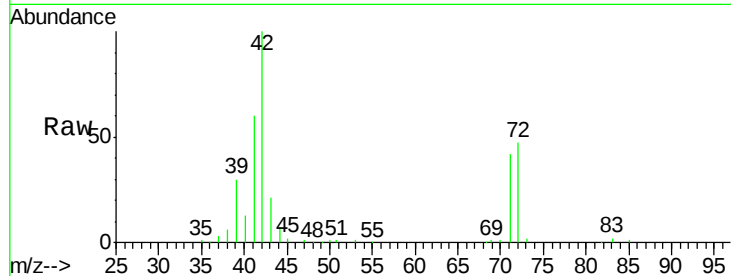
#29
Tetrahydrofuran
Concen: 100.63 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	37.3	55.9
71	43.3	35.0	52.4

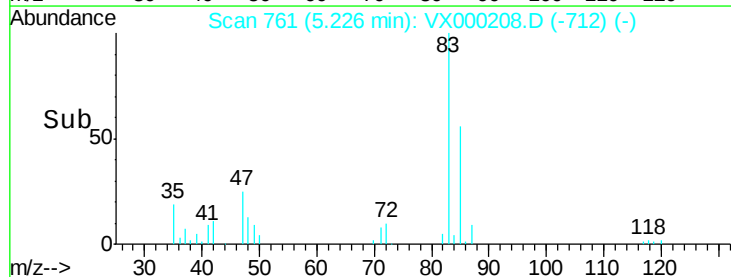
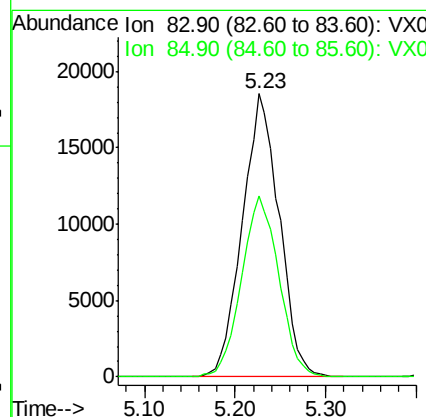
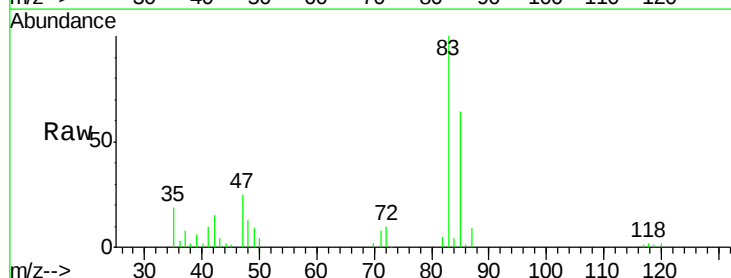
Manual Integrations
APPROVED

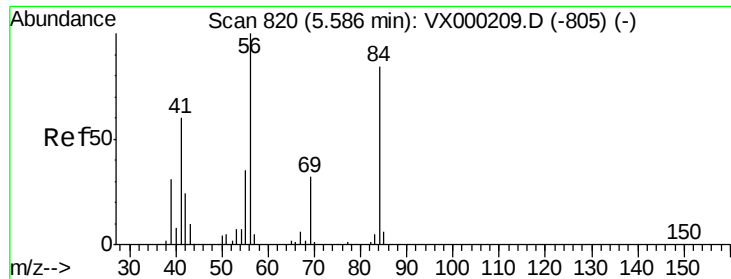
apatel
3/8/2018 10:42:14 AM



#30
Chloroform
Concen: 19.40 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.0	76.6





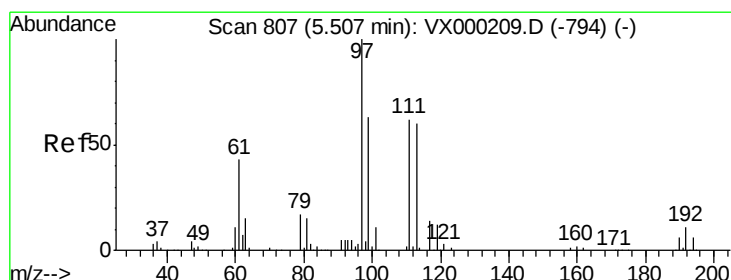
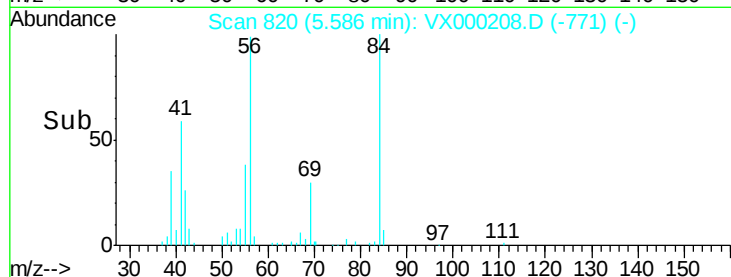
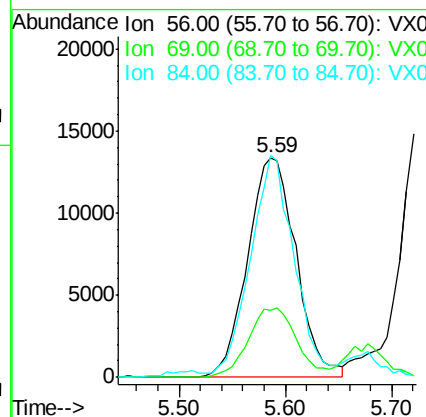
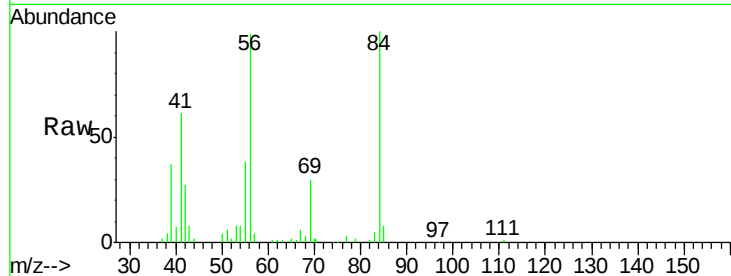
#31
Cyclohexane
Concen: 19.36 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.3	37.9
84	98.0	67.2	100.8

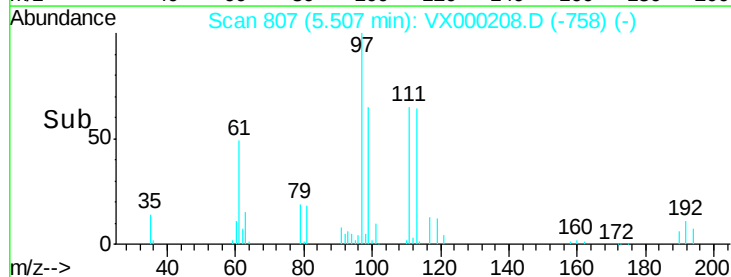
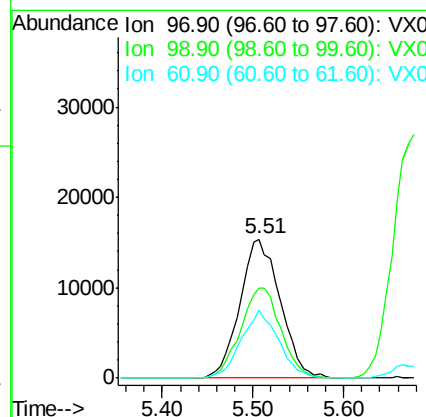
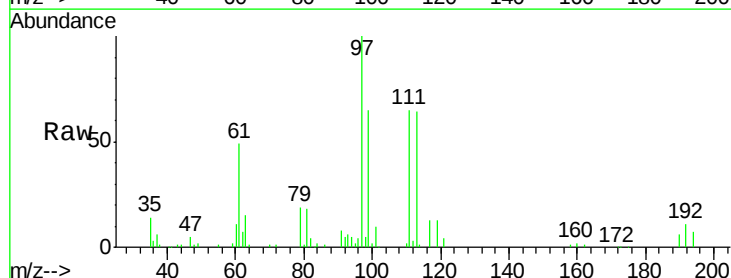
Manual Integrations
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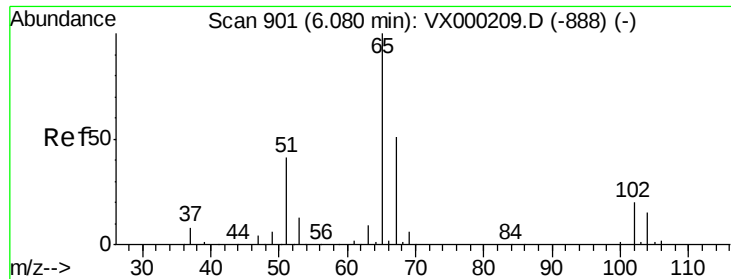
apatel
3/8/2018 10:42:14 AM



#32
1,1,1-Trichloroethane
Concen: 19.16 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.9	76.3
61	45.7	35.4	53.0





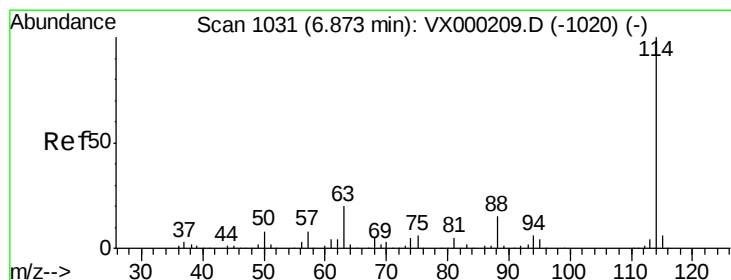
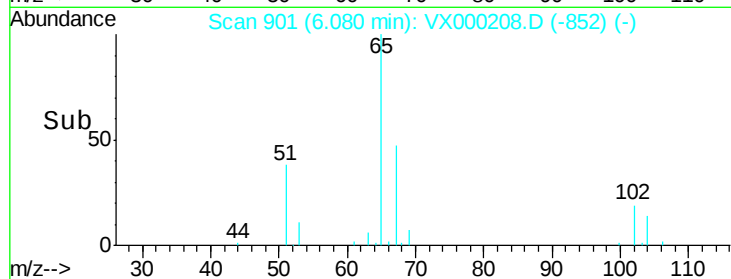
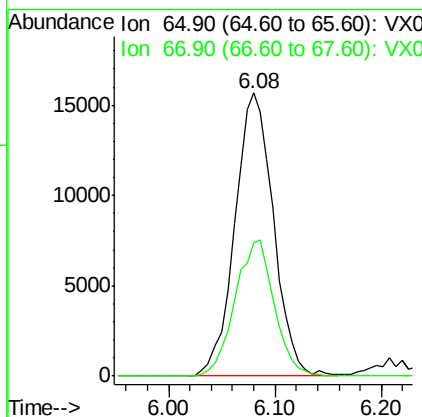
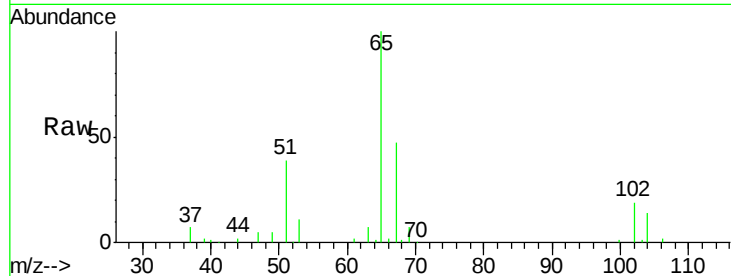
#33
 1,2-Dichloroethane-d4
 Concen: 22.29 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
65	100	39780		
67	48.8	0.0	103.4	

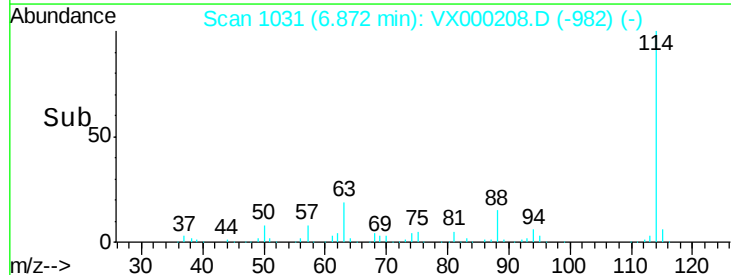
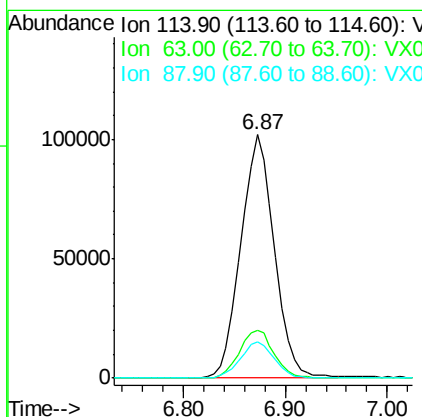
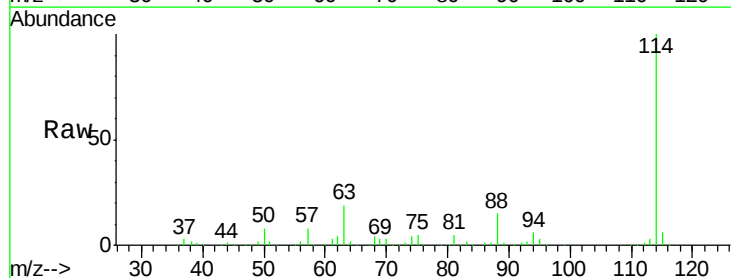
Manual Integrations
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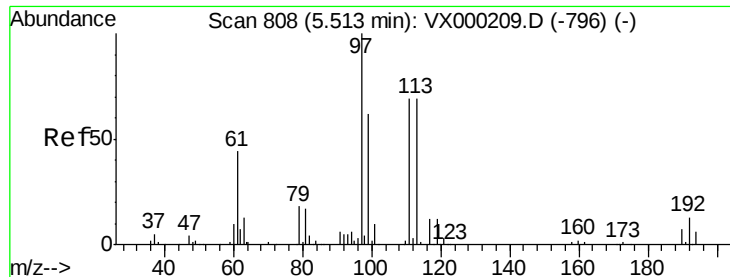
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	232727		
63	19.4	0.0	39.2	
88	15.0	0.0	29.8	





#35

Dibromofluoromethane

Concen: 20.48 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

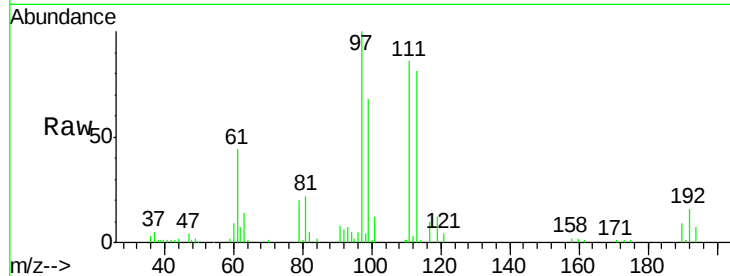
ClientSampled :

VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
113	100	30193		
111	102.9	83.0	124.6	
192	20.6	15.5	23.3	

Manual Integrations
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3/8/2018 10:42:14 AM

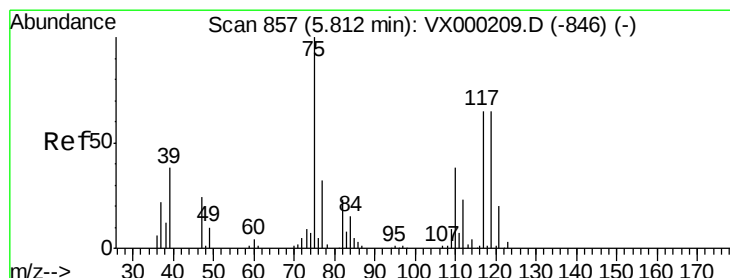
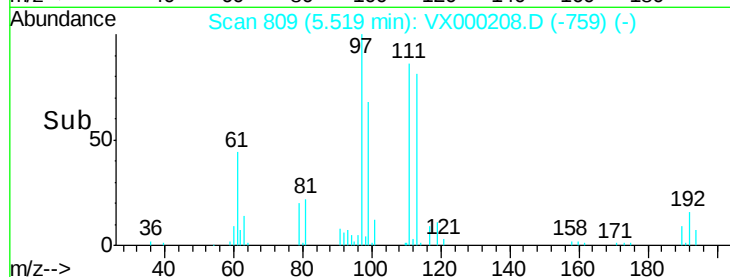
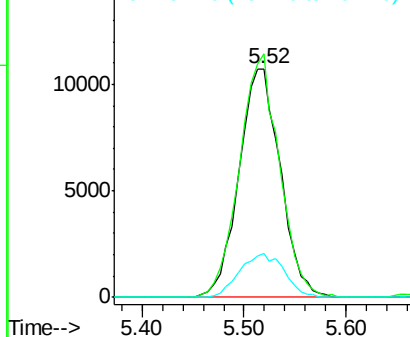


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.71 ug/l

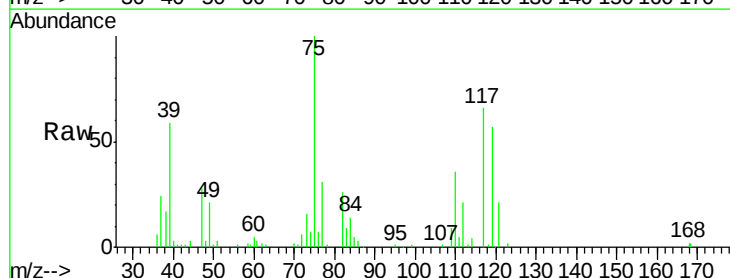
RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	39163		
110	35.9	17.8	53.5	
77	32.4	24.9	37.3	

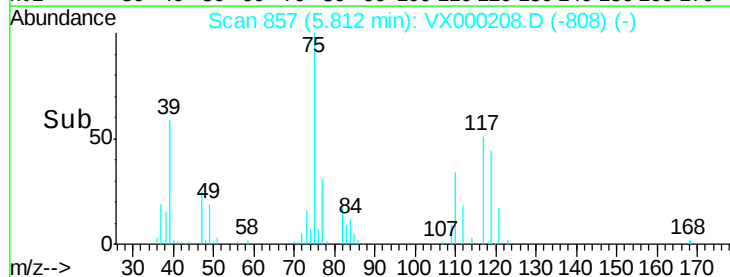
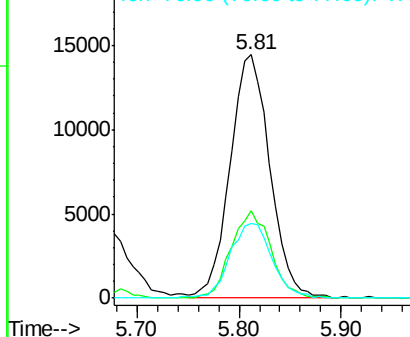


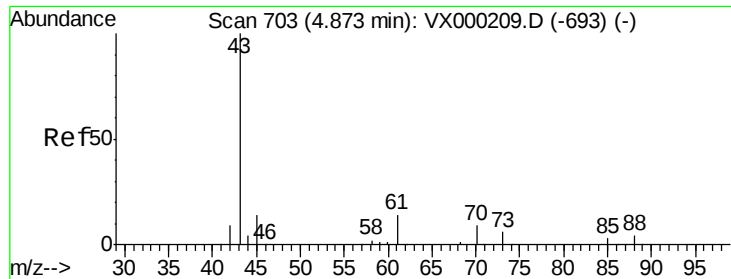
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





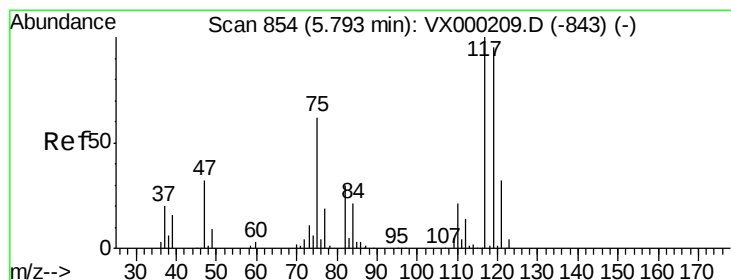
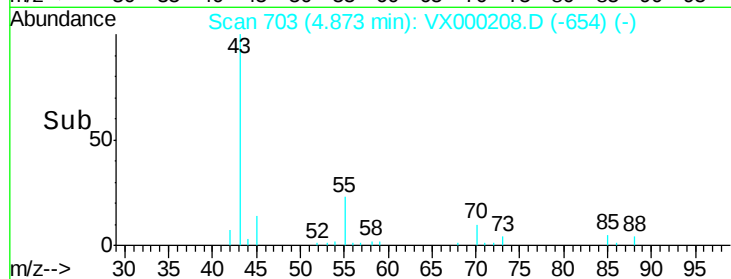
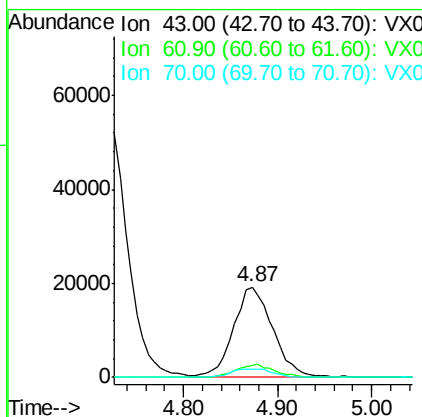
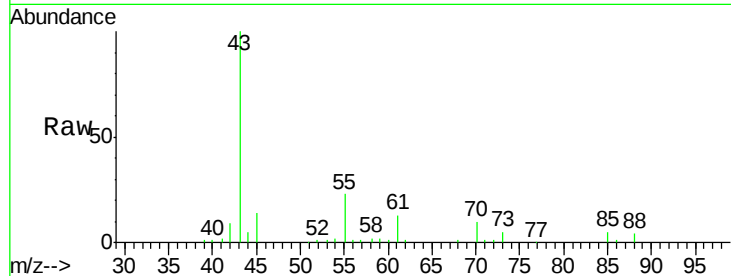
#37
Ethyl Acetate
Concen: 19.14 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.0	16.6
70	10.2	7.8	11.6

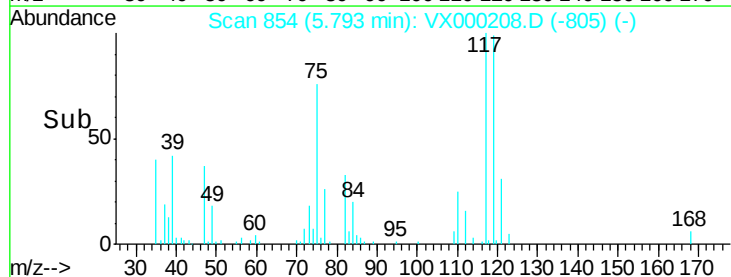
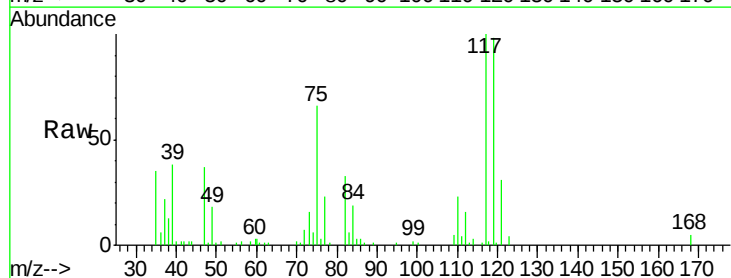
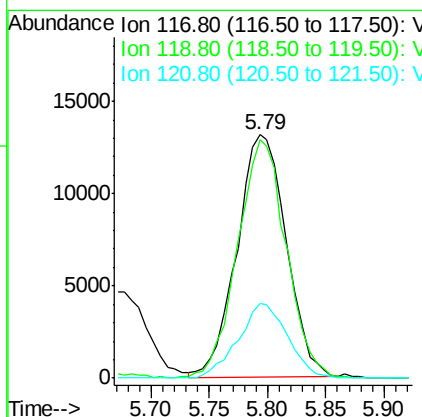
Manual Integrations
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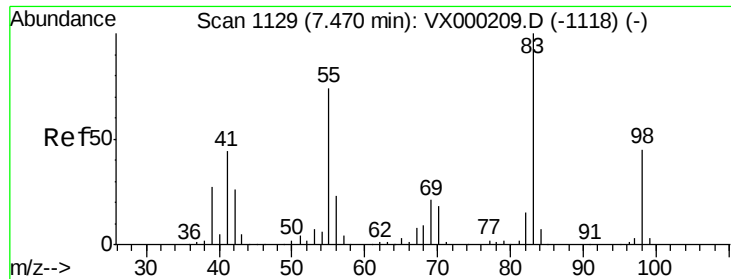
apatel
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#38
Carbon Tetrachloride
Concen: 17.27 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.9	113.9
121	31.2	25.8	38.6





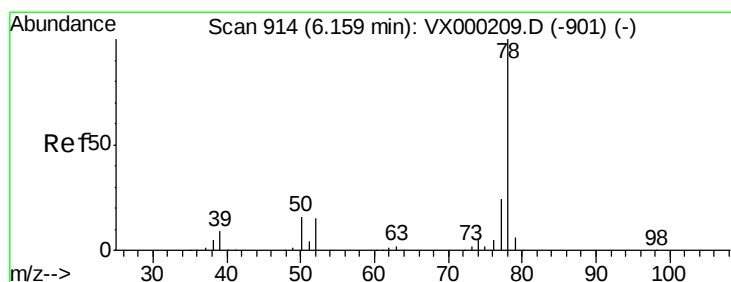
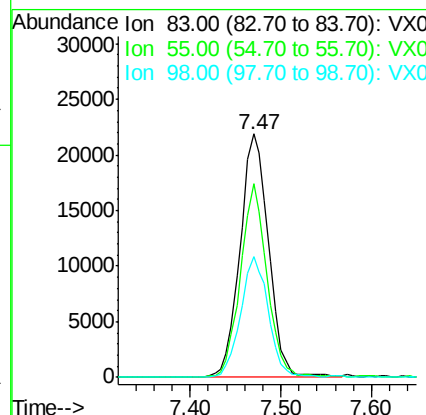
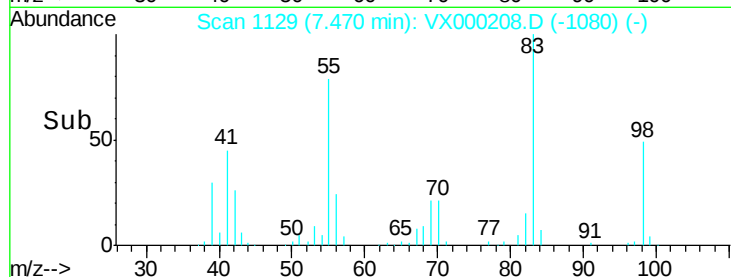
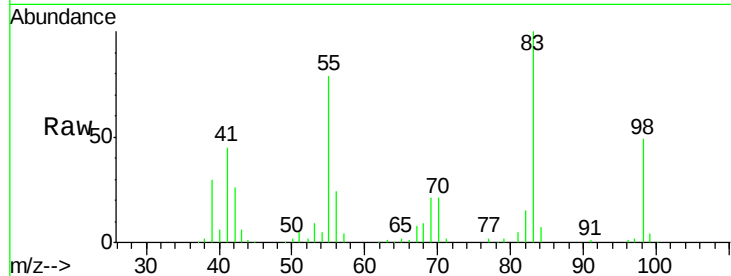
#39
Methvlcvclohexane
Concen: 18.93 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.2	59.4	89.0
98	49.4	36.3	54.5

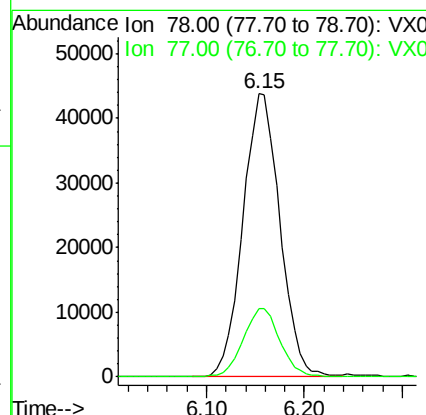
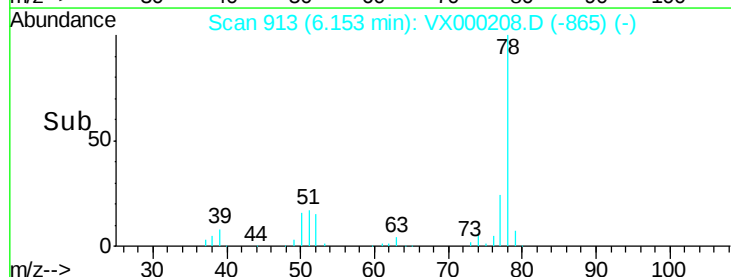
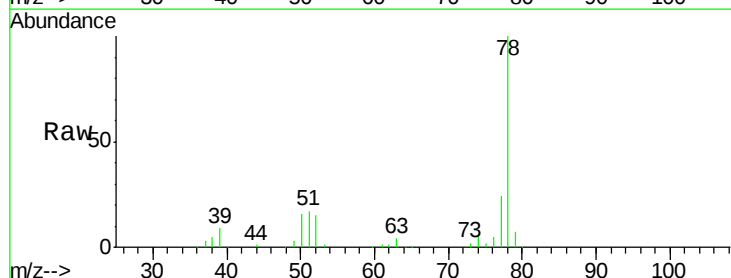
Manual Integrations
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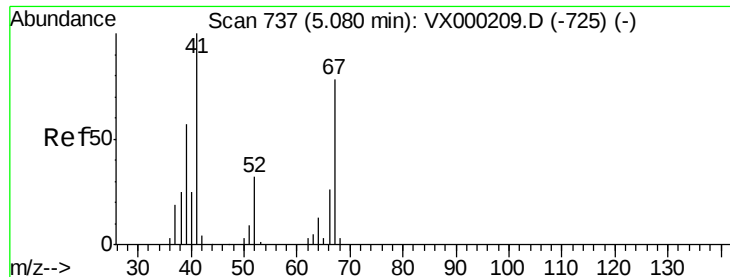
apatel
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#40
Benzene
Concen: 19.21 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.2





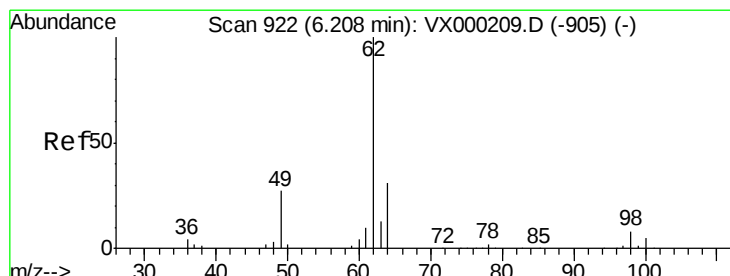
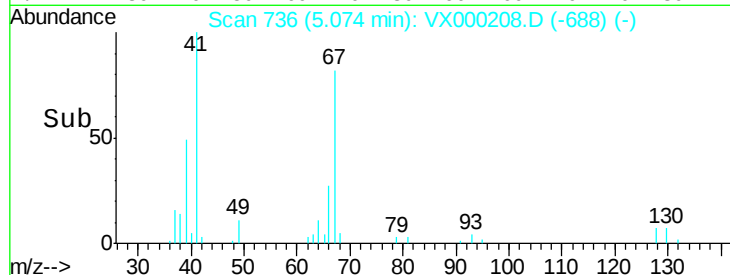
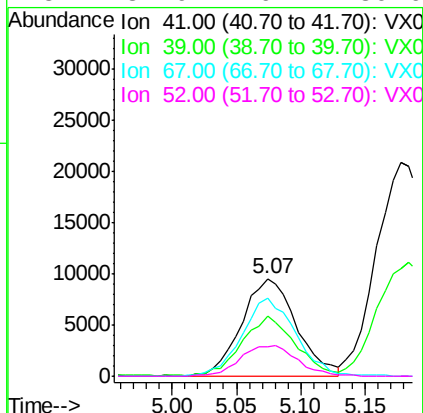
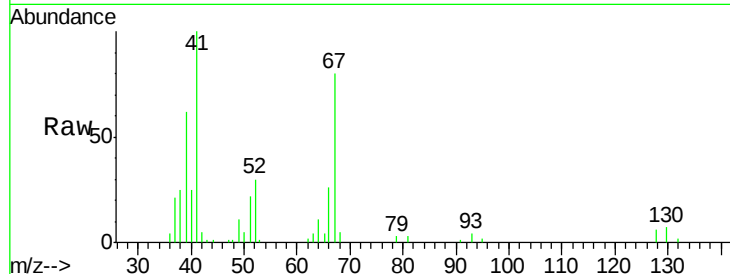
#41
Methacrylonitrile
Concen: 18.63 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion:	41	Resp:	28097
Ion Ratio	Lower	Upper	
41	100		
39	58.2	47.8	71.6
67	78.7	59.3	88.9
52	32.9	26.4	39.6

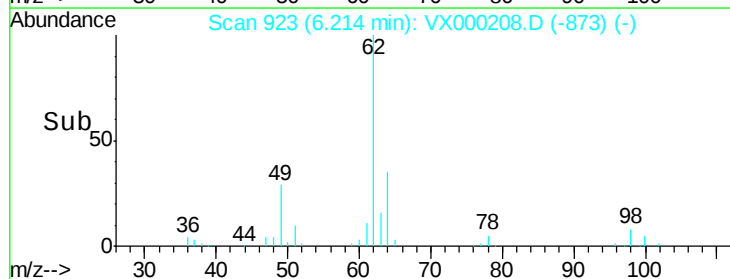
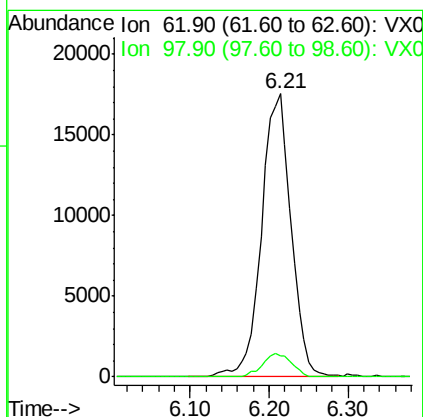
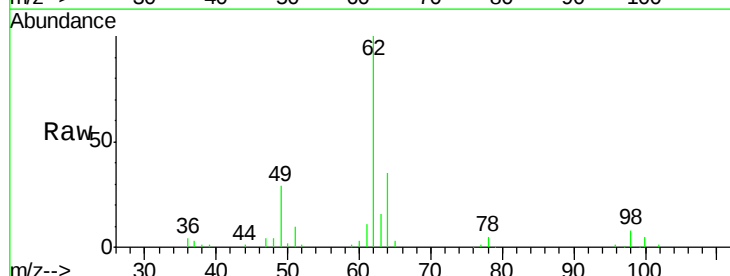
Manual Integrations
APPROVED

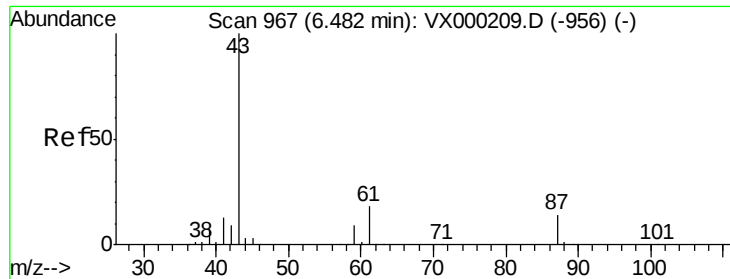
apatel
3/8/2018 10:42:14 AM



#42
1,2-Dichloroethane
Concen: 20.65 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion:	62	Resp:	45818
Ion Ratio	Lower	Upper	
62	100		
98	8.1	0.0	16.2





#43

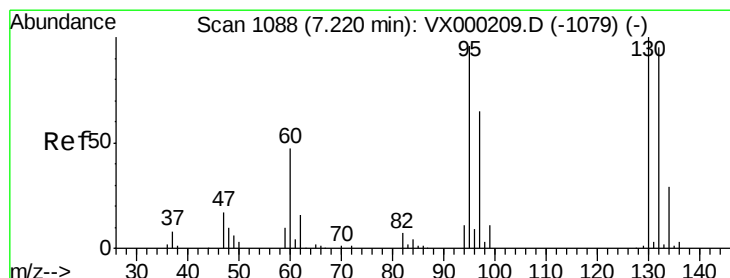
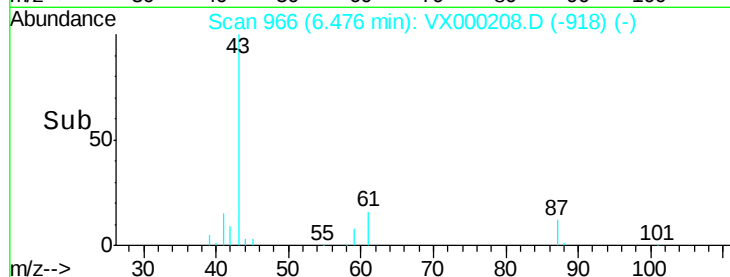
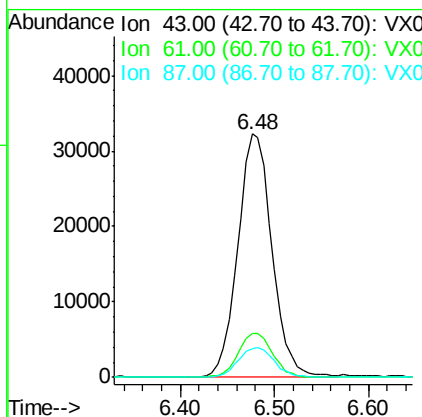
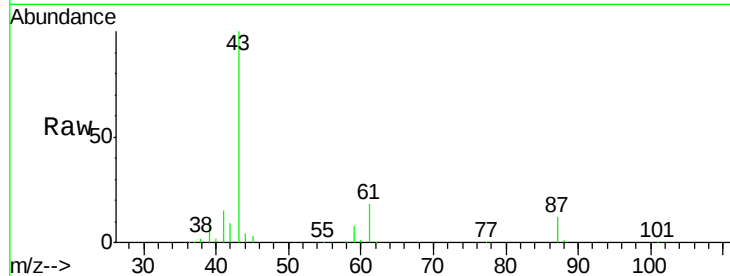
Isopropyl Acetate
 Concen: 19.61 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	43	61	87
Resp	81975		
Ratio	100	18.2	12.9
Lower		14.8	10.6
Upper		22.2	16.0

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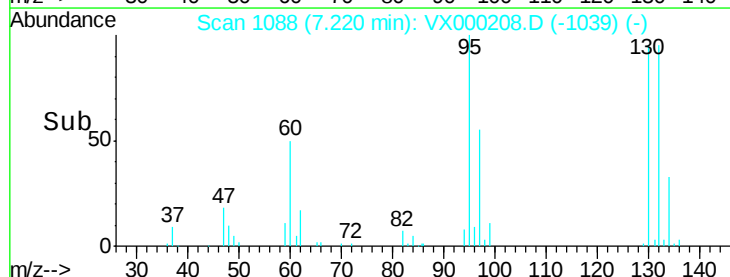
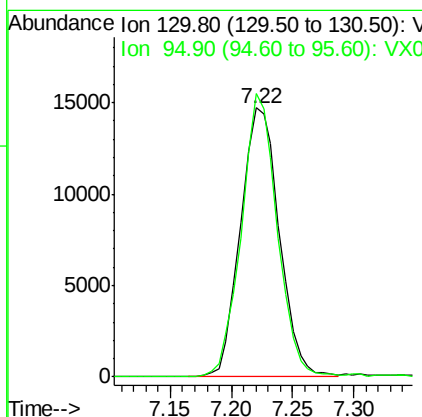
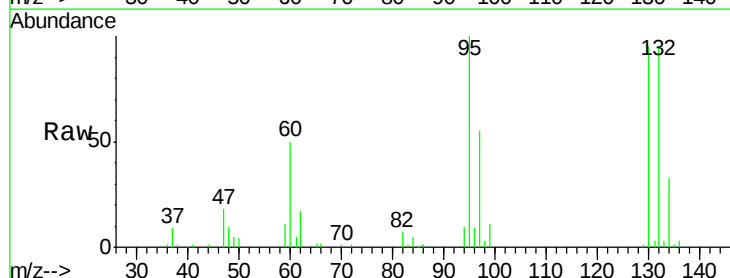
apatel
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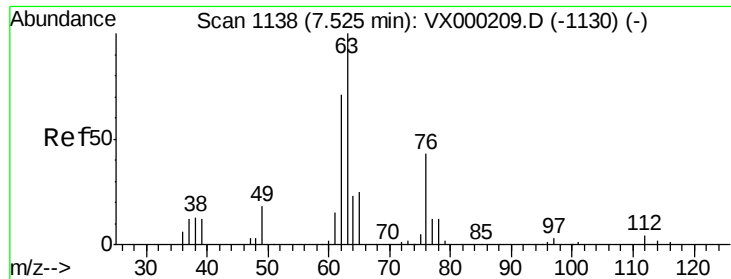


#44

Trichloroethene
 Concen: 18.54 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Tgt Ion	130	95
Resp	32519	
Ratio	100	105.2
Lower		0.0
Upper		191.8





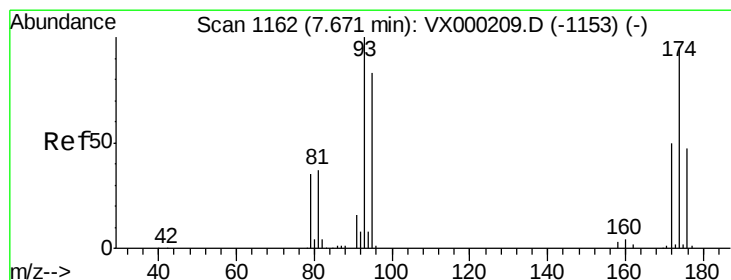
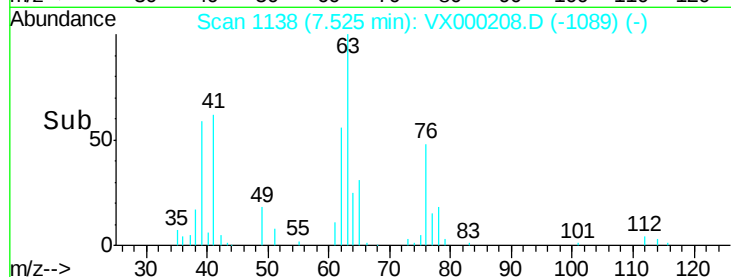
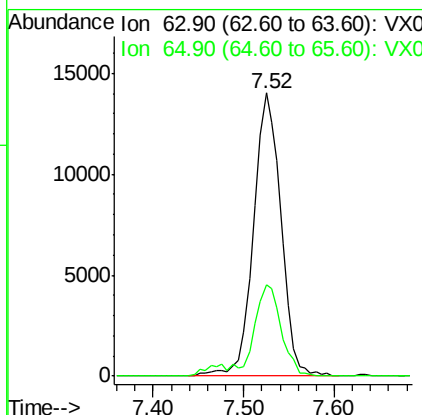
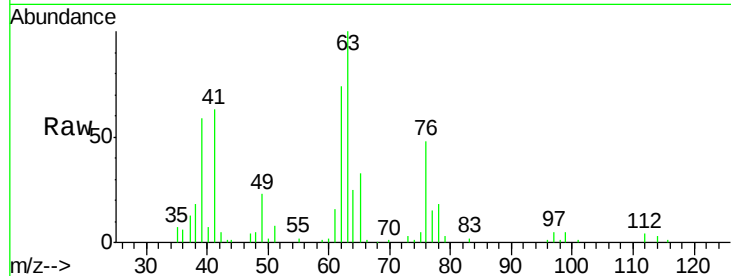
#45
 1,2-Dichloropropane
 Concen: 19.89 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.3	33.5

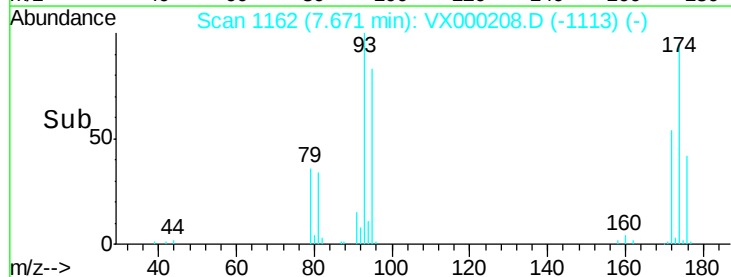
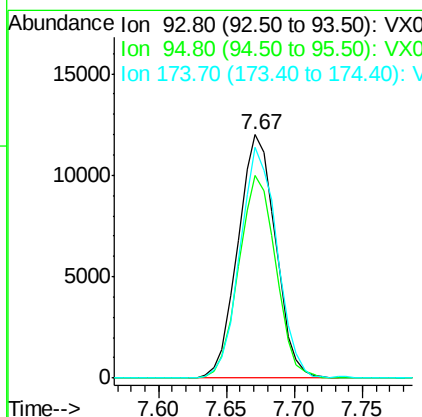
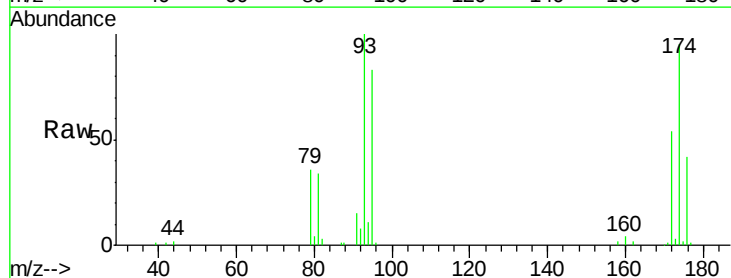
Manual Integrations
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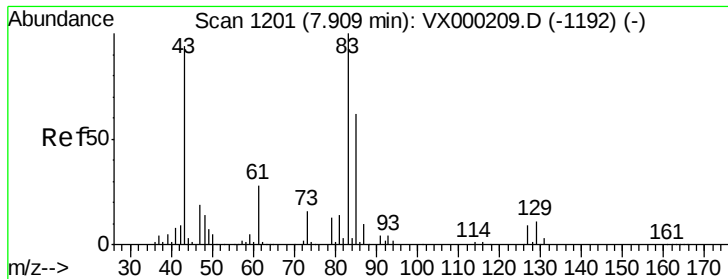
apatel
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#46
 Dibromomethane
 Concen: 20.19 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.5	64.1	96.1
174	93.4	75.8	113.8





#47

Bromodichloromethane

Concen: 19.42 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

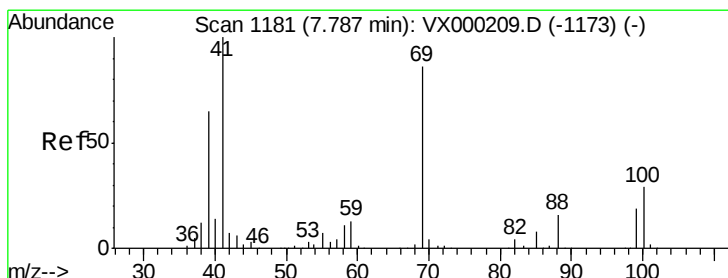
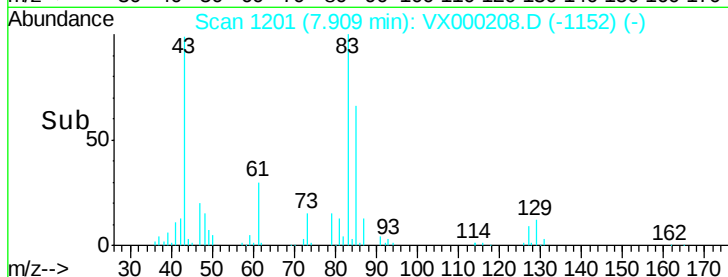
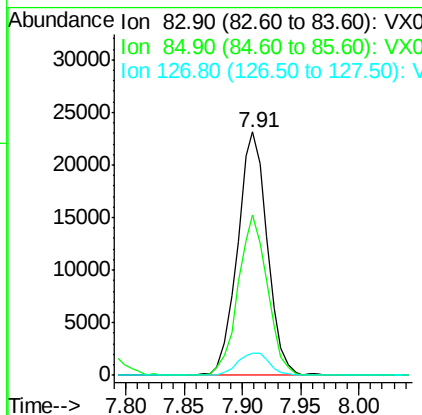
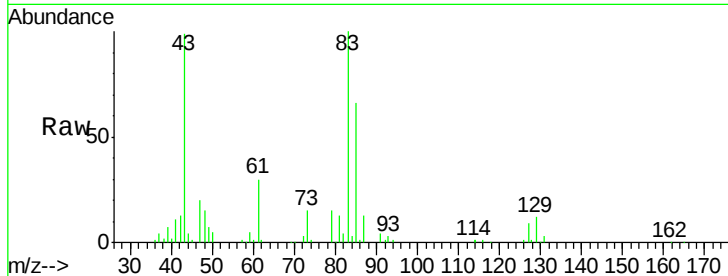
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	41201
Ion	Ratio	Lower	Upper
83	100		
85	65.7	49.6	74.4
127	9.2	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.28 ug/l

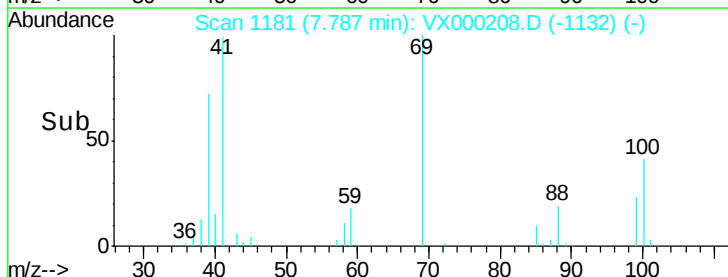
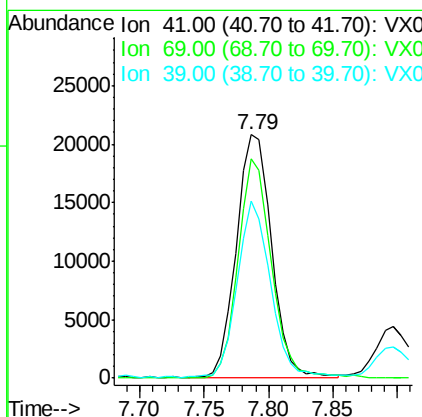
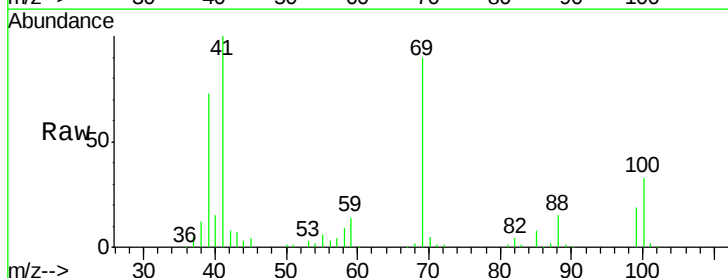
RT: 7.79 min Scan# 1181

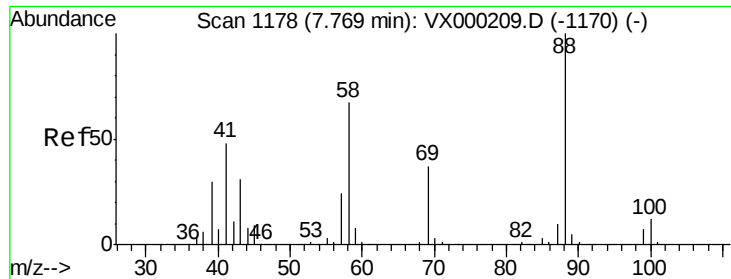
Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Tgt Ion:	41	Resp:	39399
Ion	Ratio	Lower	Upper
41	100		
69	85.7	70.0	105.0
39	68.1	53.6	80.4





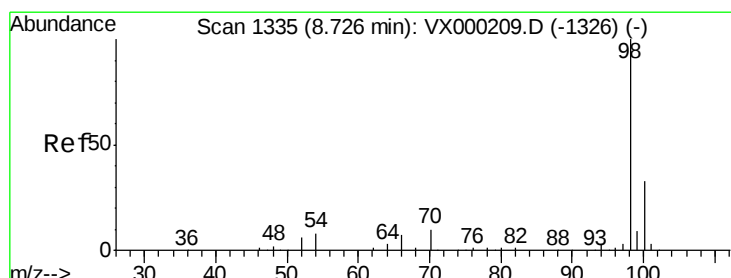
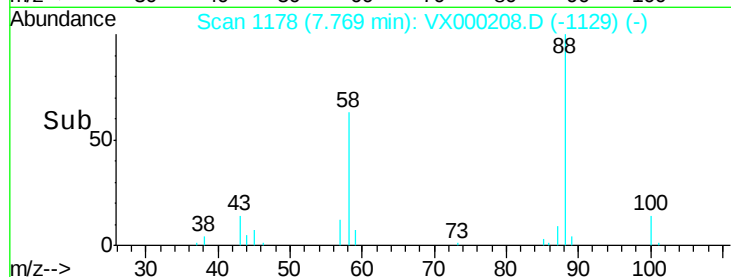
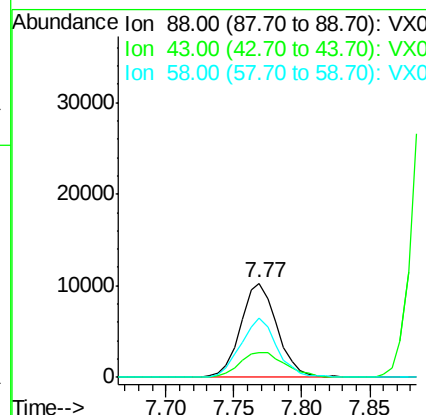
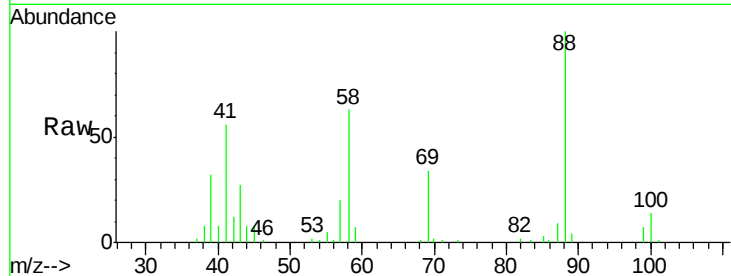
#49
1,4-Dioxane
Concen: 364.25 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	26.9	40.3
58	63.3	52.2	78.4

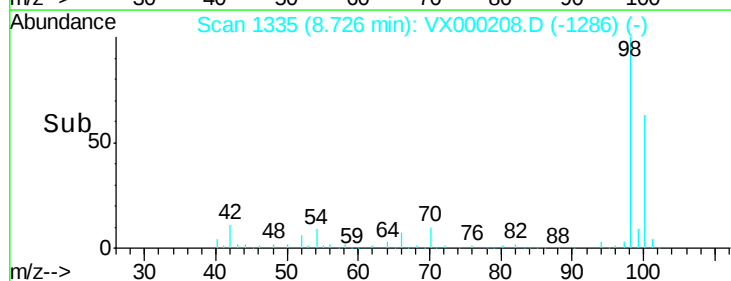
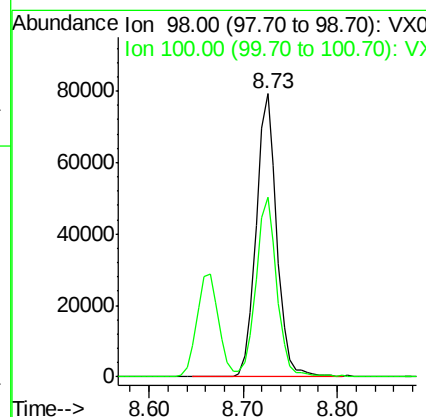
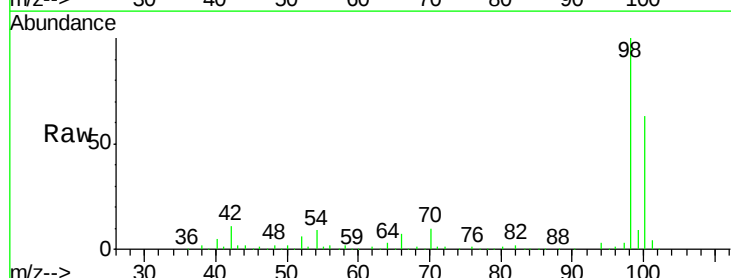
Manual Integrations
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#50
Toluene-d8
Concen: 20.73 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 103.40 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 31887

Ion Ratio Lower Upper

43 100

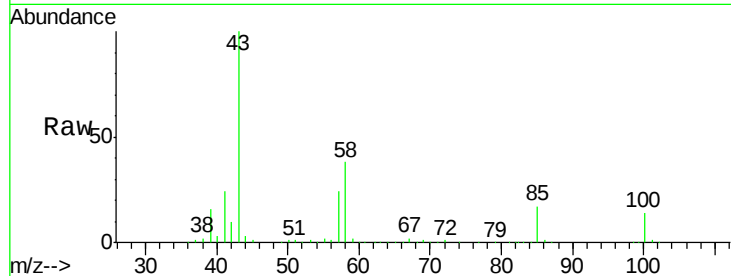
58 37.3 30.2 45.2

Manual Integrations

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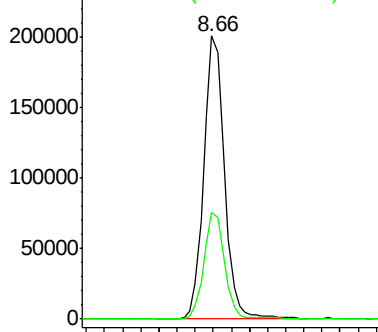
apatel

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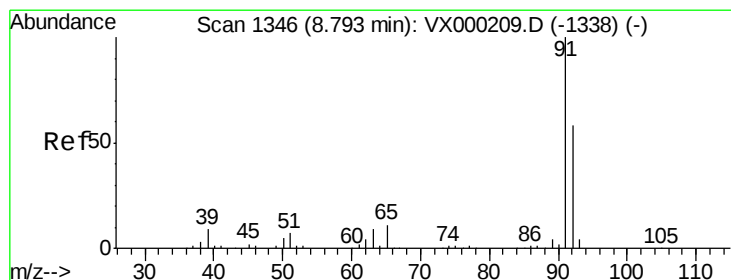
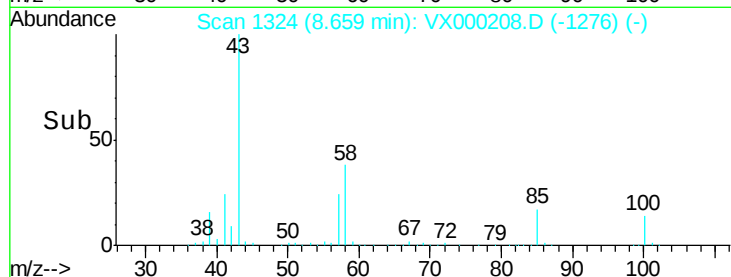


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 19.65 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000208.D

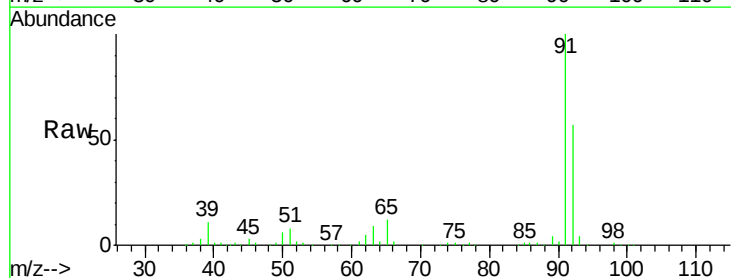
Acq: 07 Mar 2018 13:01

Tgt Ion: 92 Resp: 79190

Ion Ratio Lower Upper

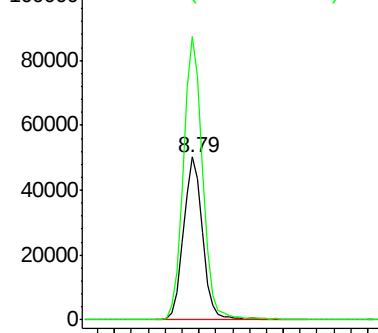
92 100

91 175.7 139.0 208.6

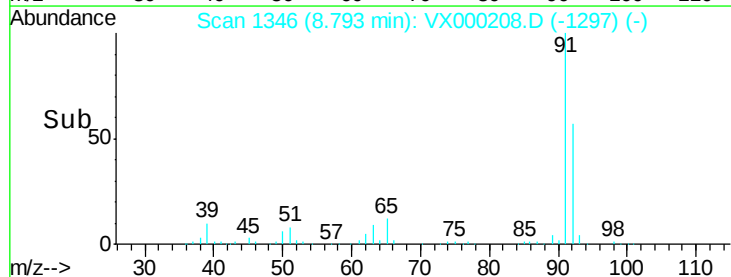


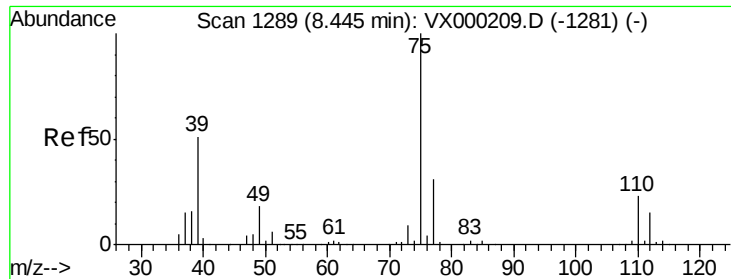
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





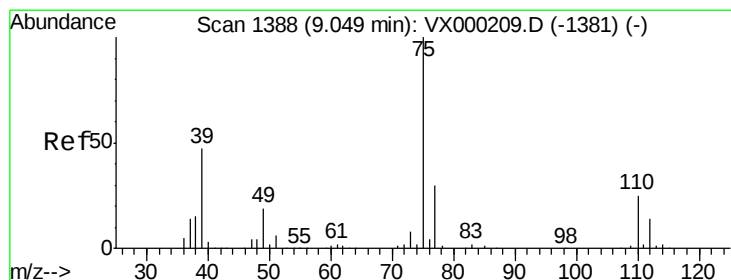
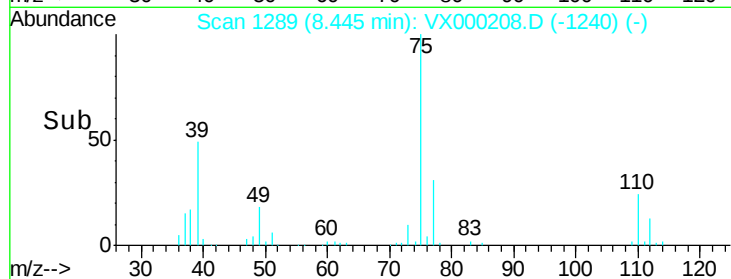
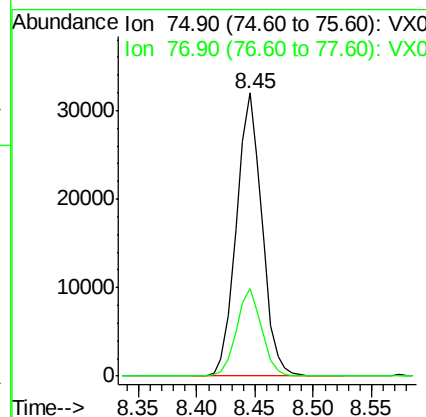
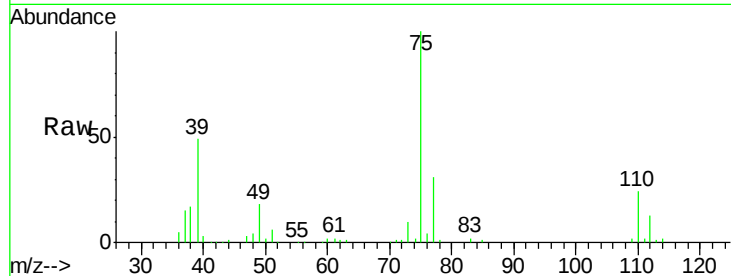
#53
 t-1,3-Dichloropropene
 Concen: 19.63 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.8	37.2

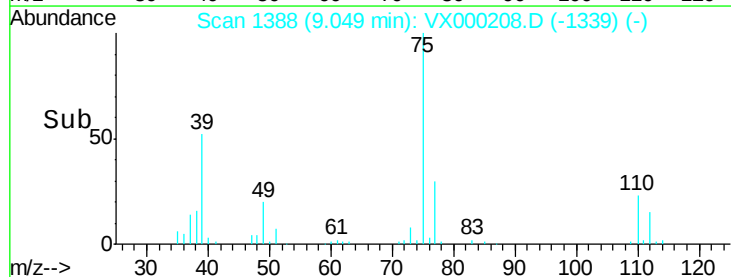
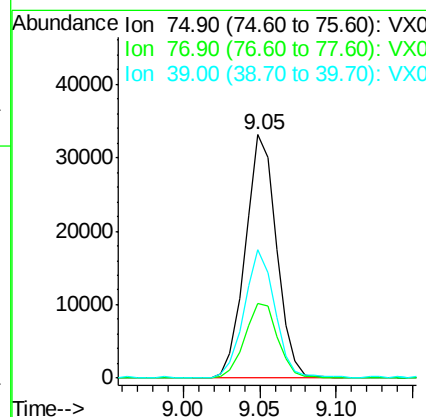
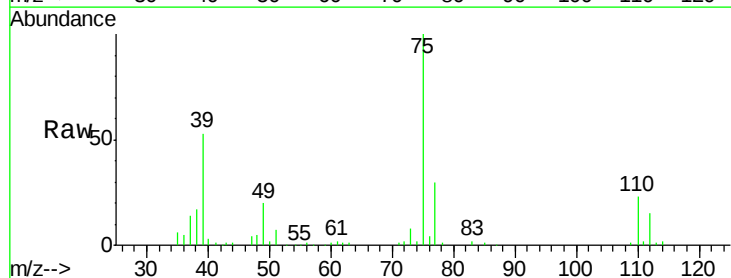
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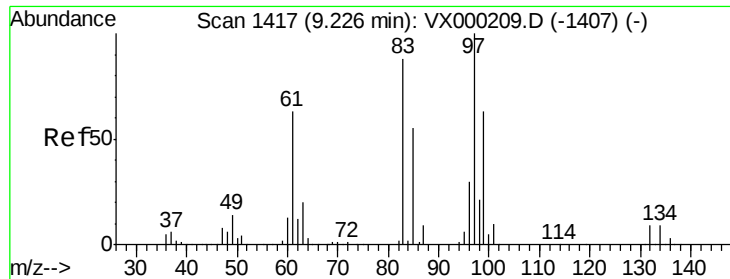
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#54
 cis-1,3-Dichloropropene
 Concen: 18.95 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	23.9	35.9
39	52.5	37.4	56.2





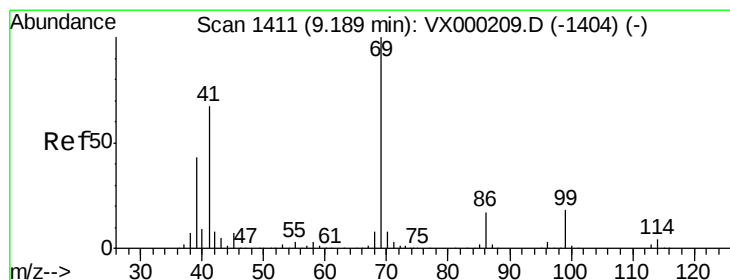
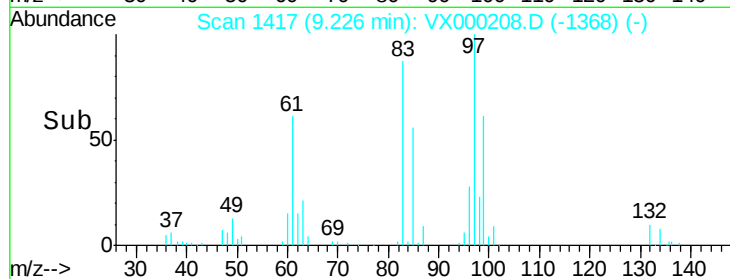
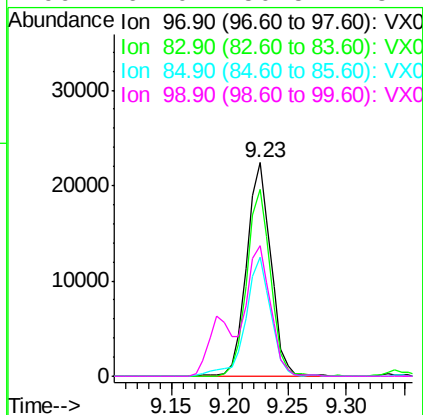
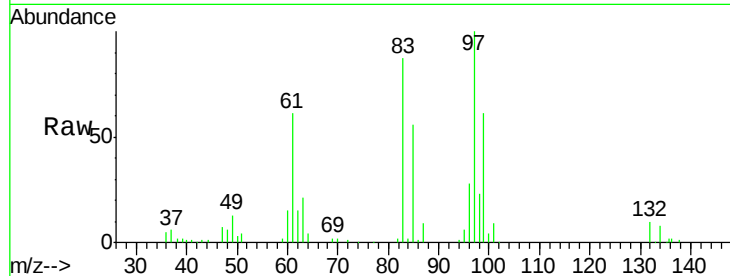
#55
 1,1,2-Trichloroethane
 Concen: 19.66 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tot Ion:	97	Resp:	32604
Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.4	105.6
85	55.5	43.9	65.9
99	61.0	50.5	75.7

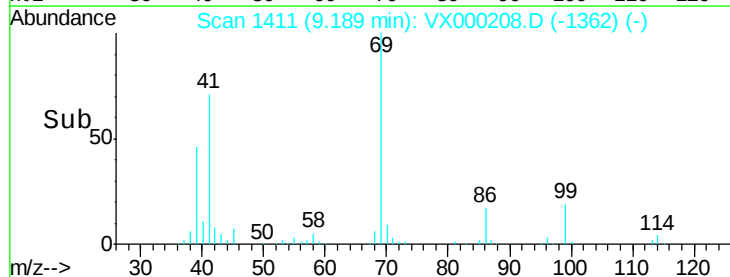
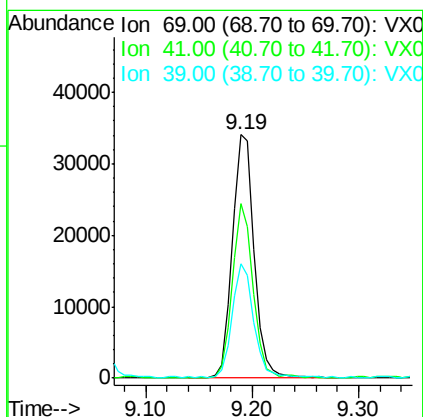
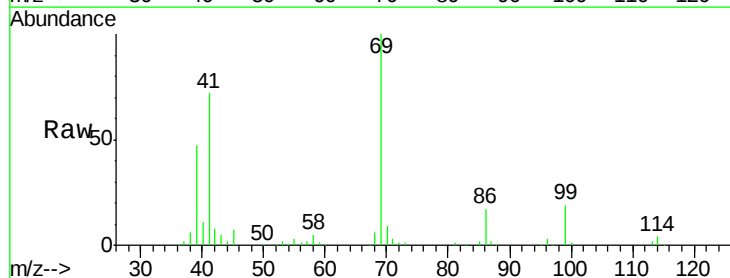
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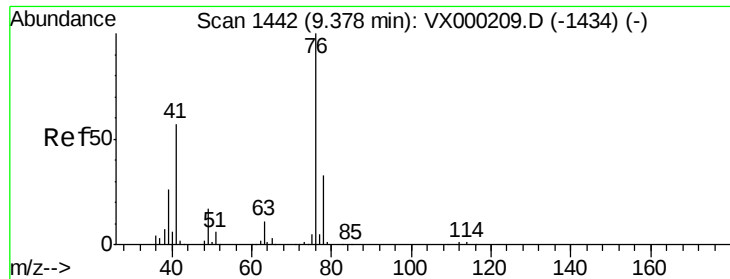
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#56
 Ethyl methacrylate
 Concen: 19.34 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Tgt Ion:	69	Resp:	49323
Ion	Ratio	Lower	Upper
69	100		
41	68.8	52.2	78.2
39	46.2	34.3	51.5





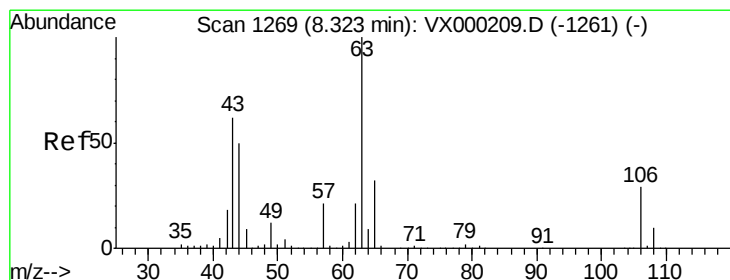
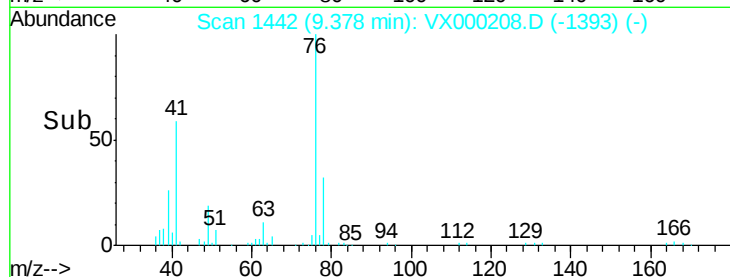
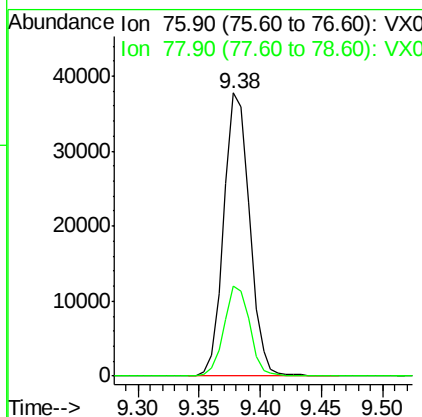
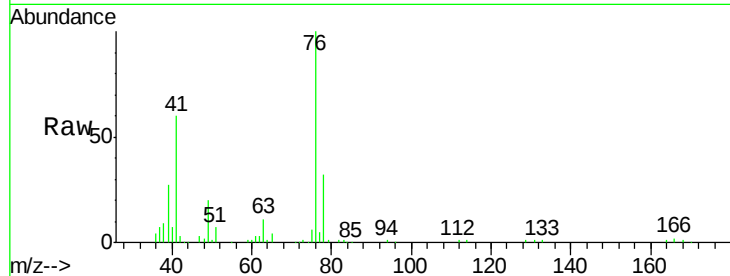
#57
 1,3-Dichloropropane
 Concen: 20.92 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tot Ion: 76 Resp: 55236
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.2 39.2

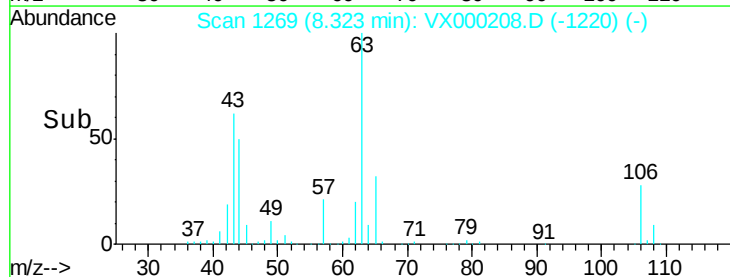
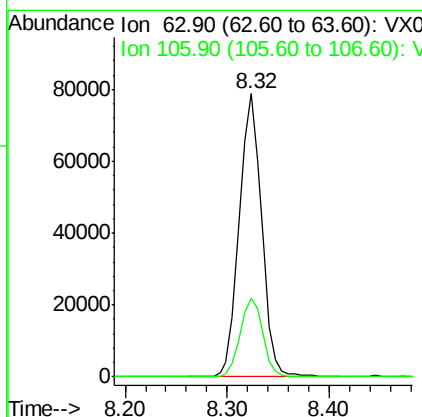
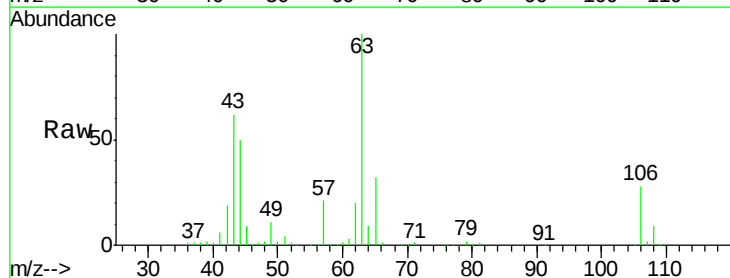
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 92.73 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Tgt Ion: 63 Resp: 119299
 Ion Ratio Lower Upper
 63 100
 106 28.2 23.2 34.8





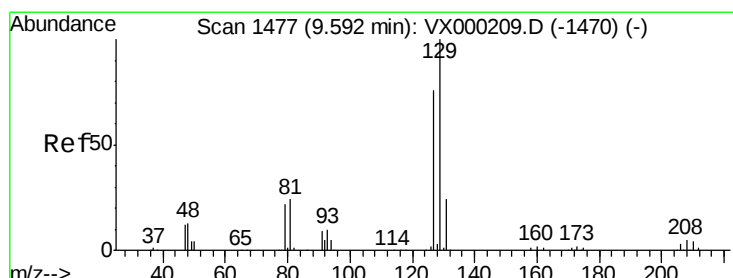
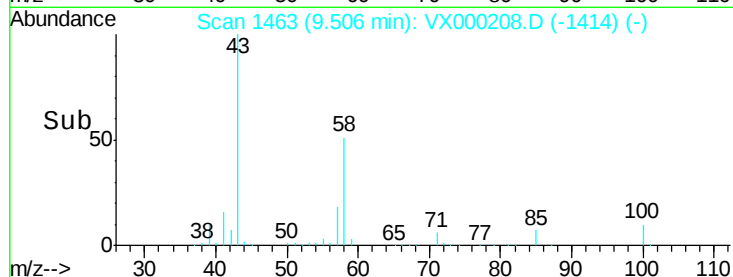
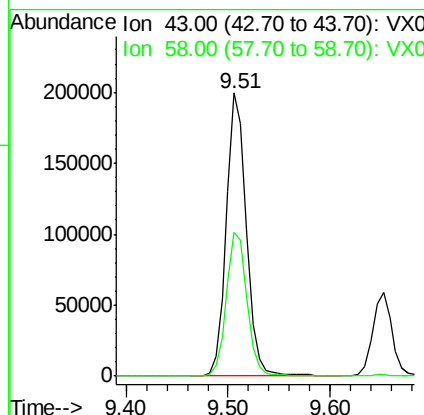
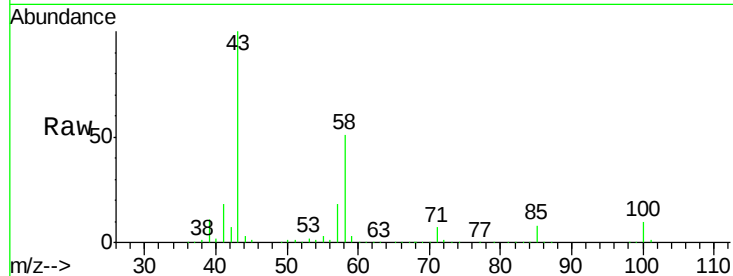
#59
2-Hexanone
Concen: 104.10 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion: 43 Resp: 272353
Ion Ratio Lower Upper
43 100
58 52.1 26.6 79.7

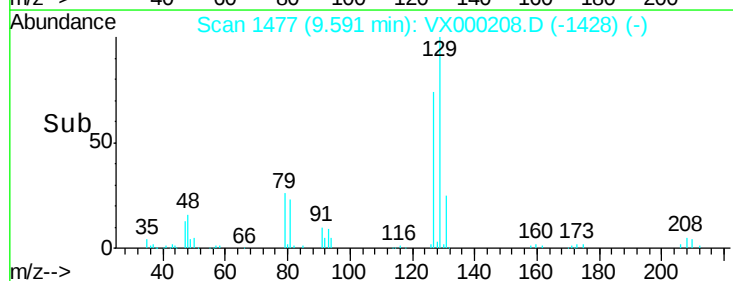
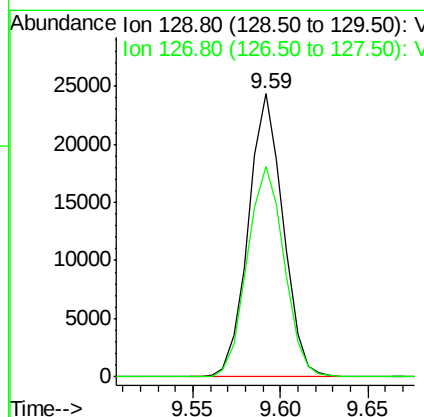
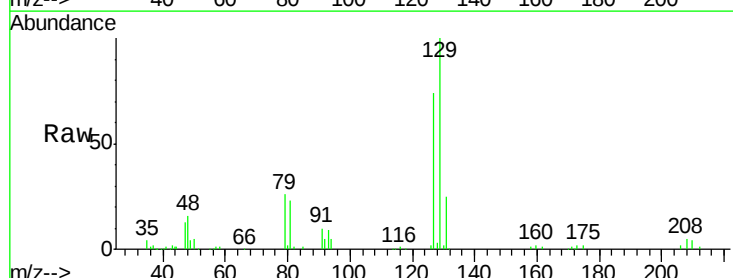
Manual Integrations
APPROVED

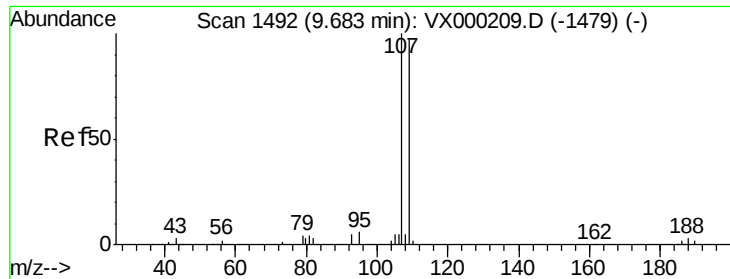
apatel
3/8/2018 10:42:14 AM



#60
Dibromochloromethane
Concen: 18.03 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion: 129 Resp: 33551
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.42 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:107 Resp: 35824

Ion Ratio Lower Upper

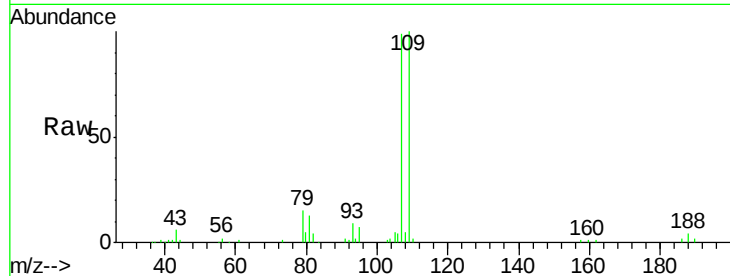
107 100

109 95.6 76.8 115.2

Manual Integrations
APPROVED

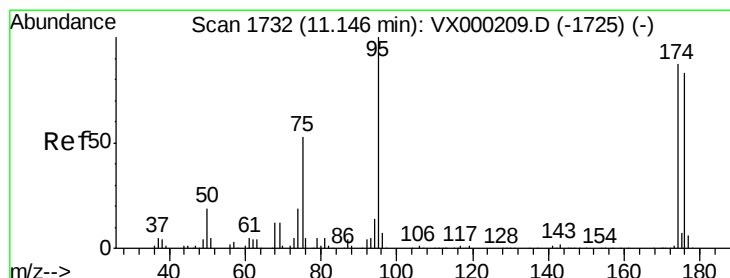
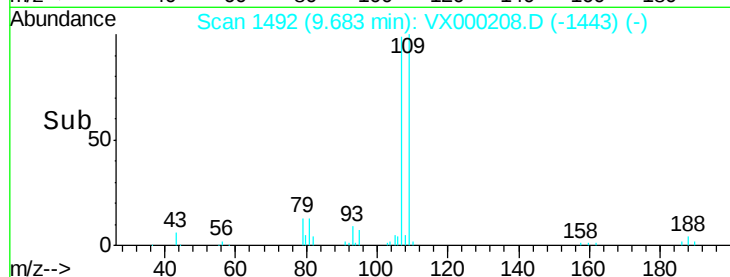
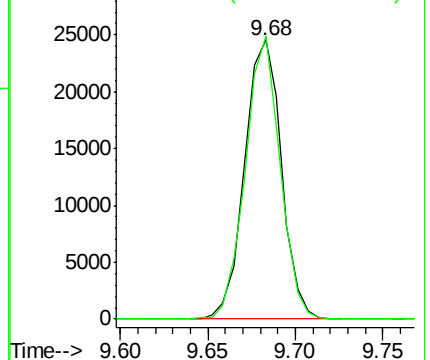
apatel

3/8/2018 10:42:14 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 20.58 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

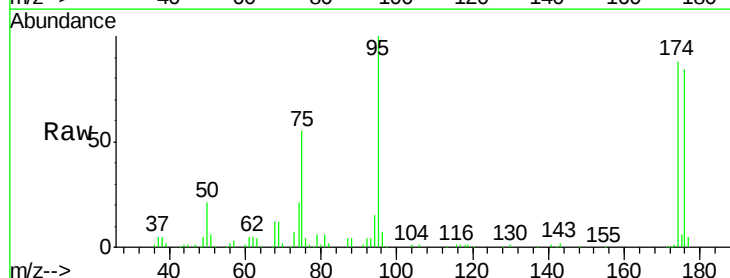
Tgt Ion: 95 Resp: 47537

Ion Ratio Lower Upper

95 100

174 86.6 0.0 175.6

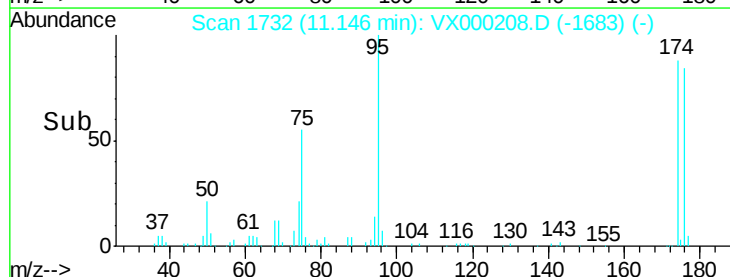
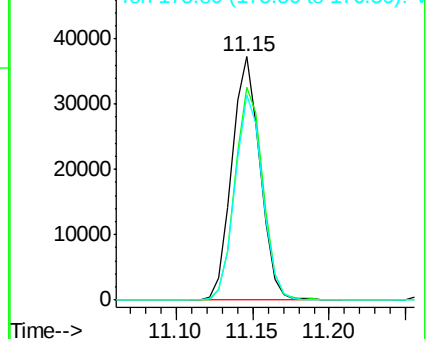
176 82.5 0.0 171.0

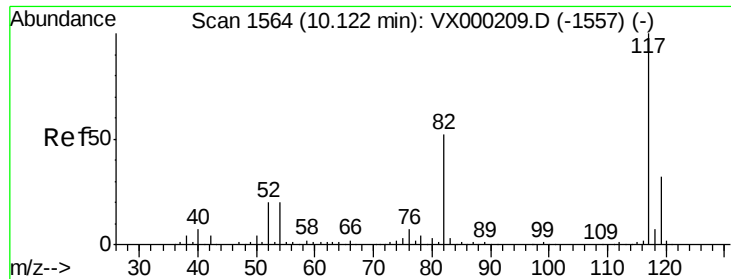


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





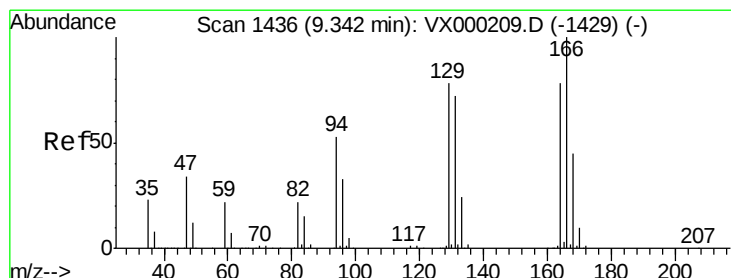
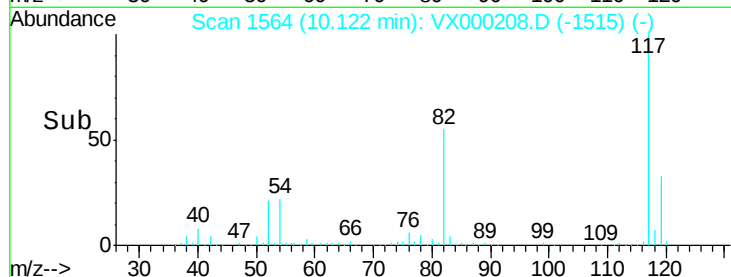
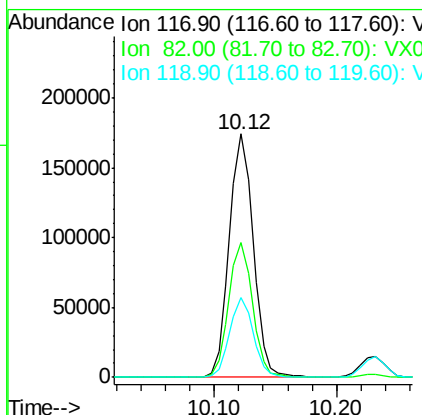
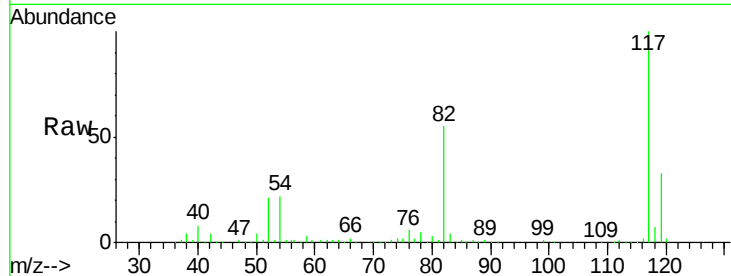
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.0	63.0
119	32.6	25.3	37.9

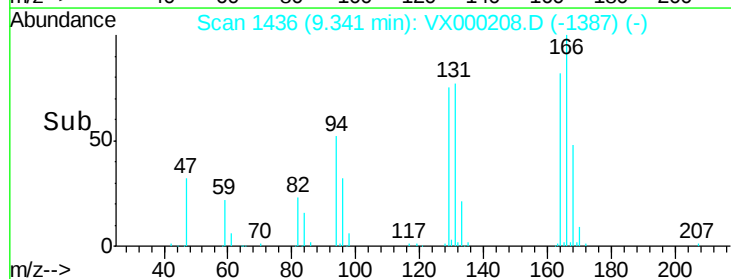
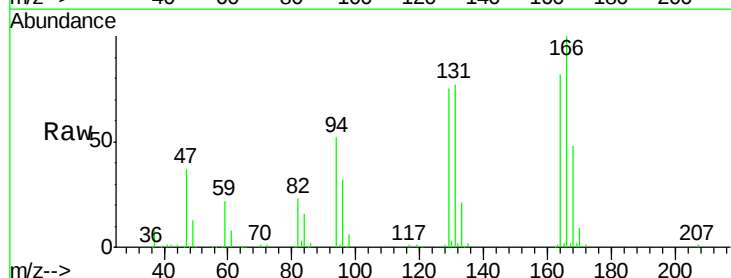
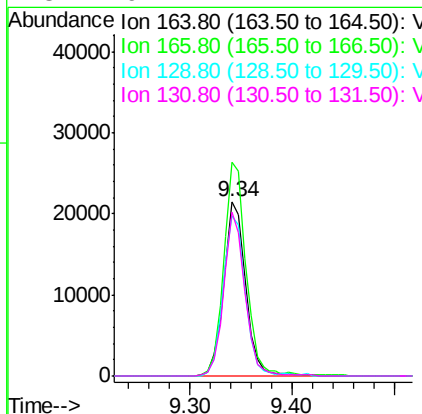
Manual Integrations
APPROVED

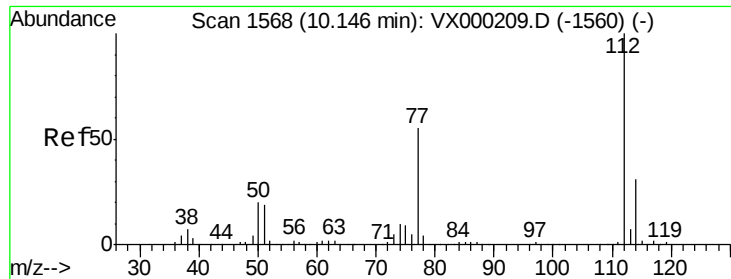
apatel
3/8/2018 10:42:14 AM



#64
Tetrachloroethene
Concen: 18.86 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.2	103.0	154.6
129	91.8	80.2	120.4
131	94.1	74.2	111.4





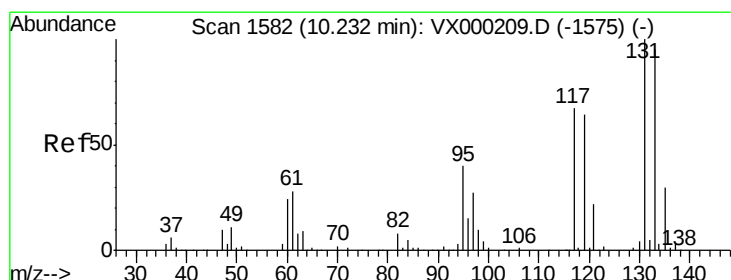
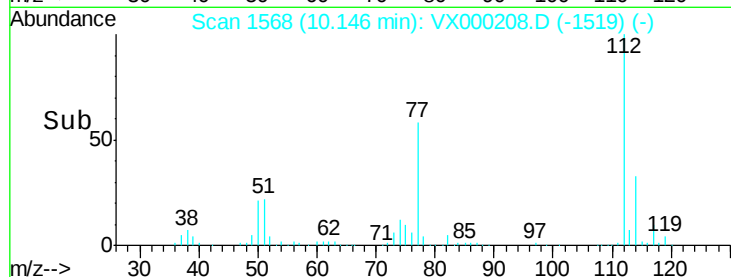
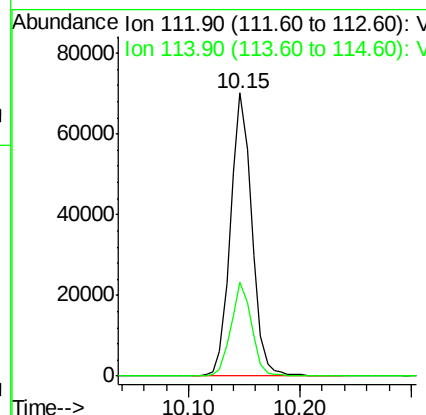
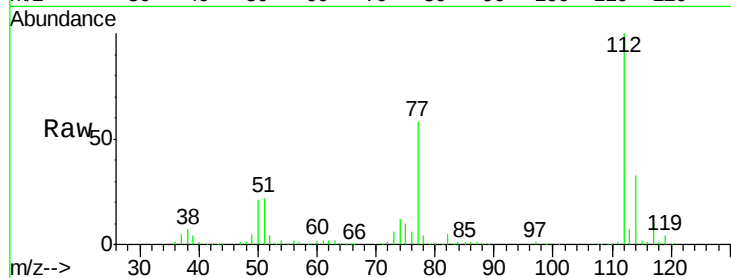
#65
Chlorobenzene
Concen: 18.69 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:112 Resp: 93209
Ion Ratio Lower Upper
112 100
114 33.1 25.0 37.4

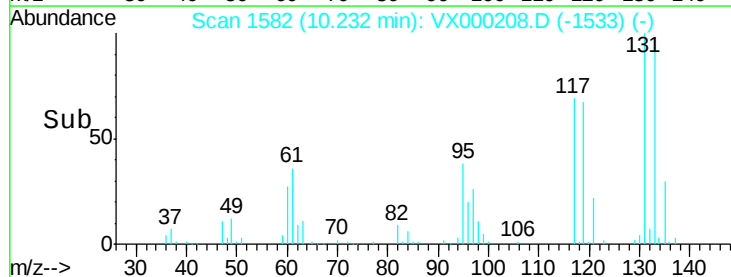
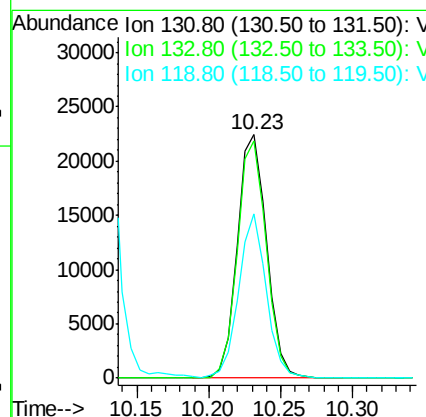
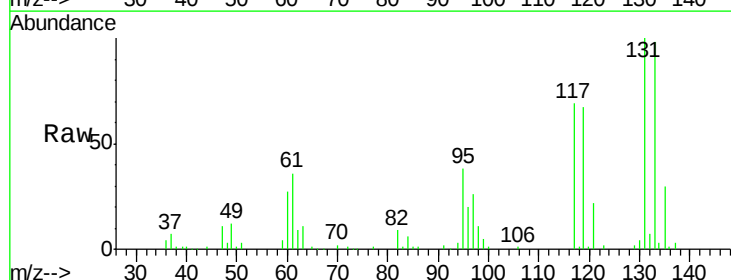
Manual Integrations
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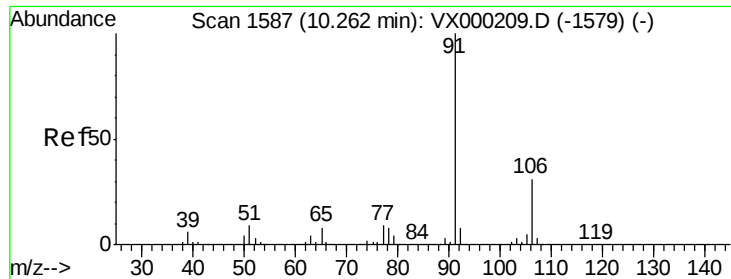
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.49 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion:131 Resp: 31966
Ion Ratio Lower Upper
131 100
133 95.9 48.3 144.9
119 63.5 32.3 96.8





#67

Ethyl Benzene

Concen: 19.35 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 91 Resp: 162686

Ion Ratio Lower Upper

91 100

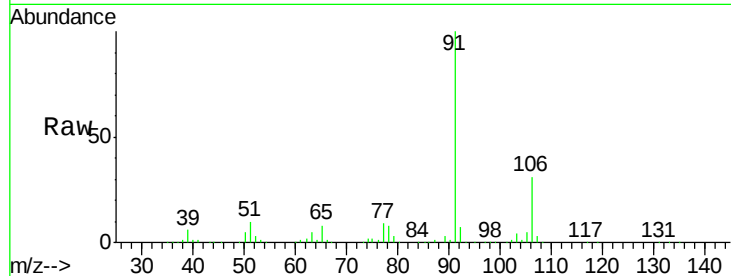
106 31.3 25.2 37.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX000209.D (-1579) (-)

Ion 106.00 (105.70 to 106.70): VX000209.D (-1579) (-)

200000

150000

100000

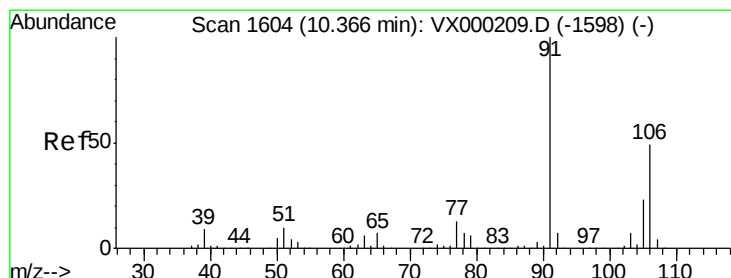
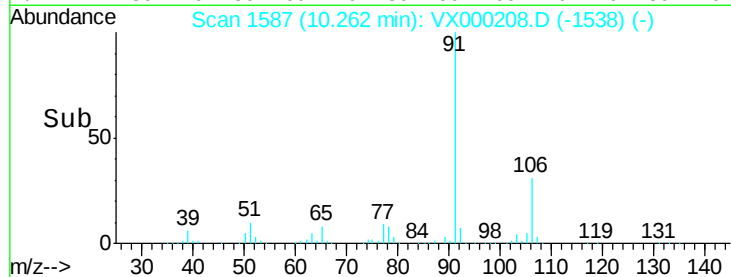
50000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 36.90 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000208.D

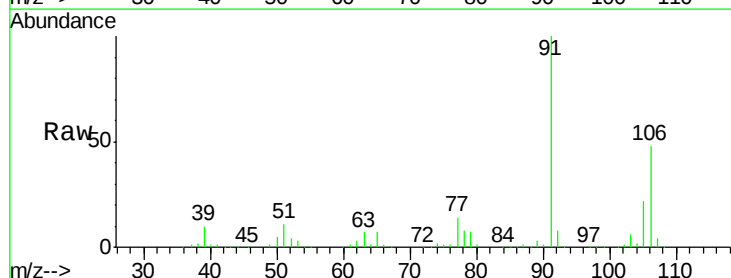
Acq: 07 Mar 2018 13:01

Tgt Ion: 106 Resp: 122977

Ion Ratio Lower Upper

106 100

91 203.8 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): VX000209.D (-1598) (-)

Ion 91.00 (90.70 to 91.70): VX000209.D (-1598) (-)

200000

150000

100000

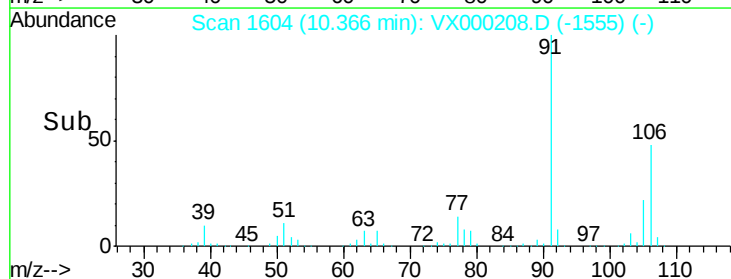
50000

0

10.30

10.40

Time-->





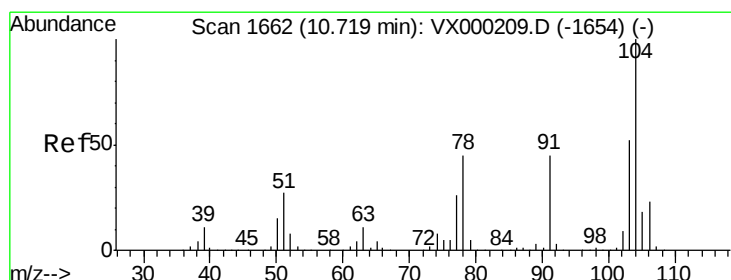
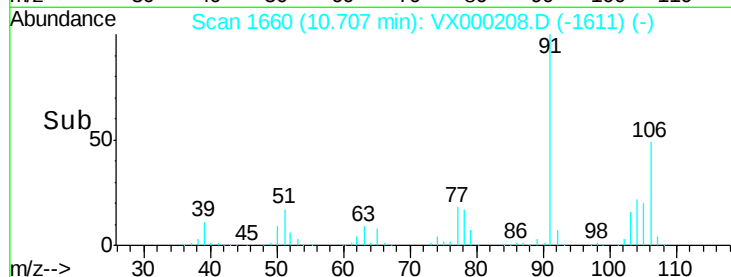
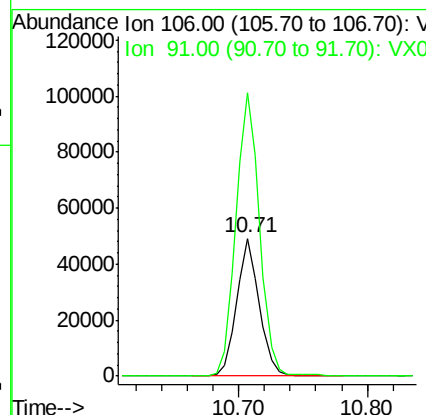
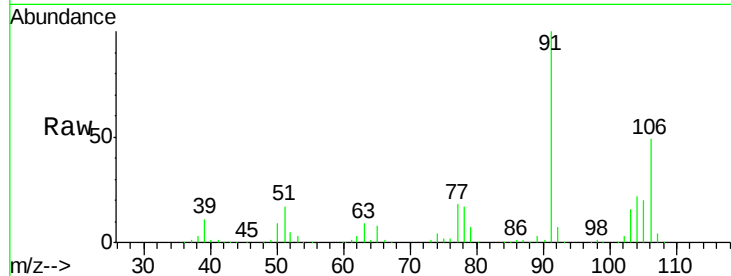
#69
o-Xylene
Concen: 18.80 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion:106 Resp: 60192
Ion Ratio Lower Upper
106 100
91 215.7 105.9 317.7

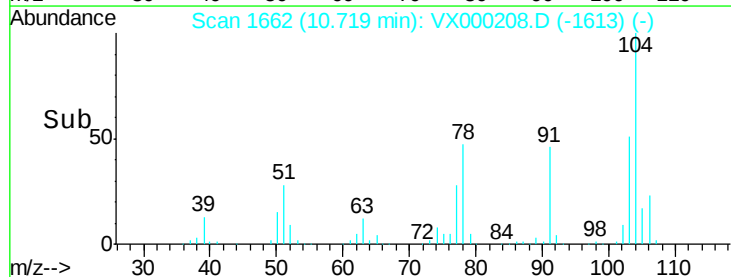
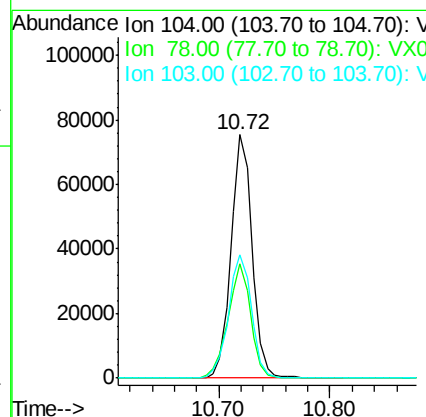
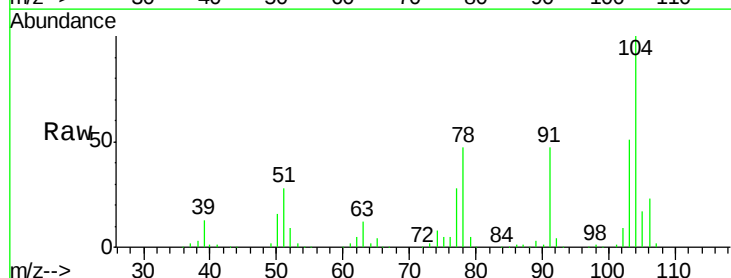
Manual Integrations
APPROVED

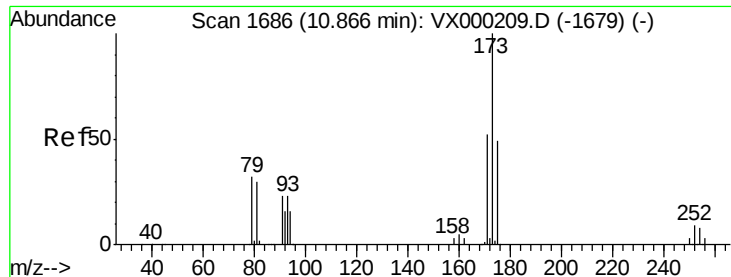
apatel
3/8/2018 10:42:14 AM



#70
Styrene
Concen: 18.85 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion:104 Resp: 98985
Ion Ratio Lower Upper
104 100
78 50.6 39.6 59.4
103 55.9 45.0 67.6





#71

Bromoform

Concen: 16.60 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion:173 Resp: 25888

Ion Ratio Lower Upper

173 100

175 48.4 24.4 73.2

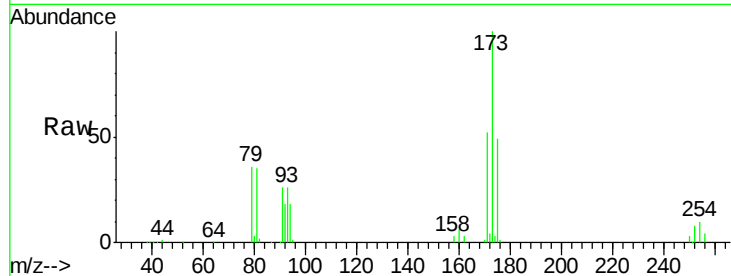
254 0.0 0.2 0.2#

Manual Integrations

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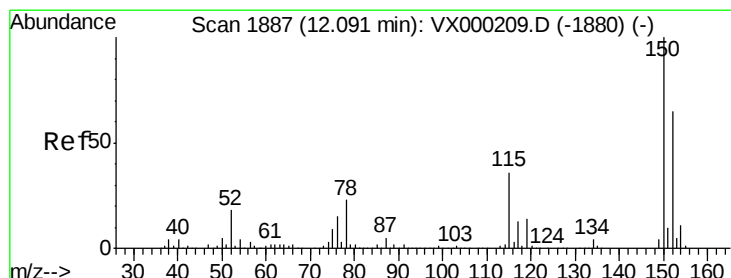
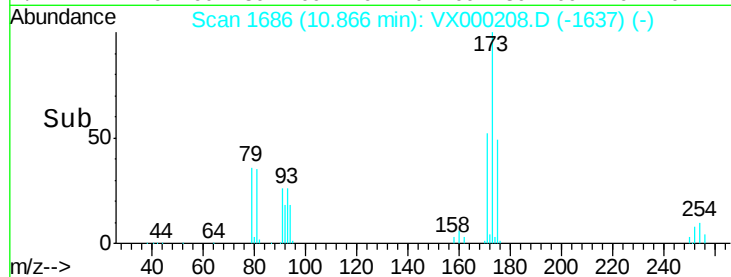
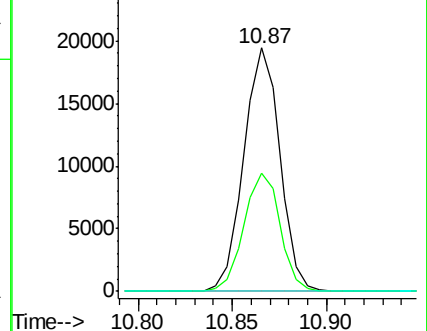
3/8/2018 10:42:14 AM



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: 12.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

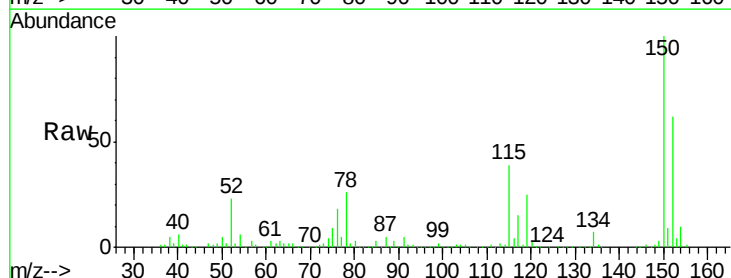
Tgt Ion:152 Resp: 135856

Ion Ratio Lower Upper

152 100

115 66.2 39.8 119.3

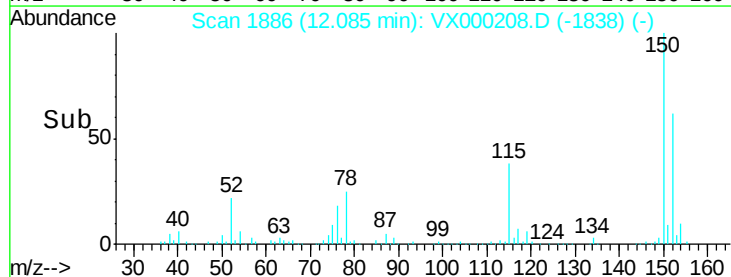
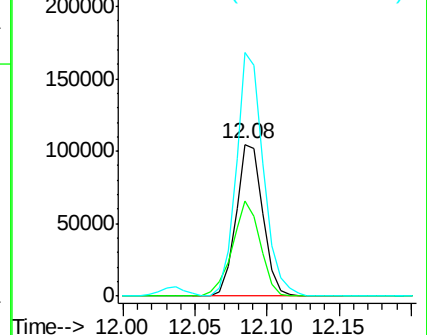
150 163.1 0.0 345.0



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: 19.15 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion:105 Resp: 164069

Ion Ratio Lower Upper

105 100

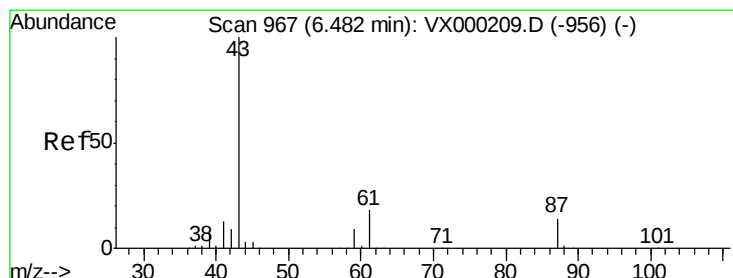
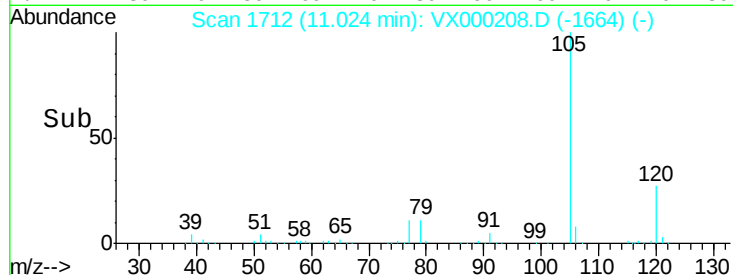
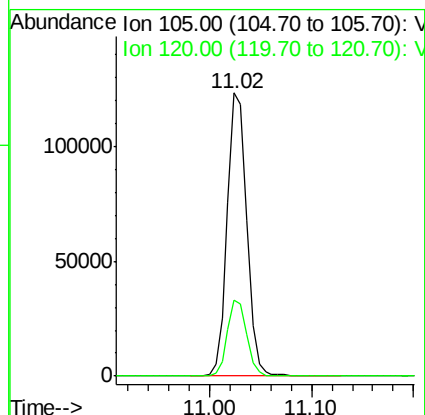
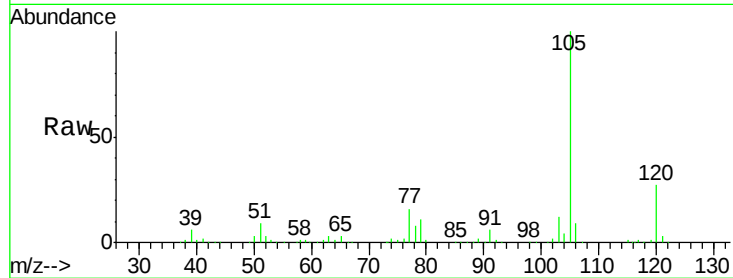
120 26.6 13.5 40.4

Manual Integrations

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apatel

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#74

N-ethyl acetate

Concen: 19.03 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Tgt Ion: 43 Resp: 81975

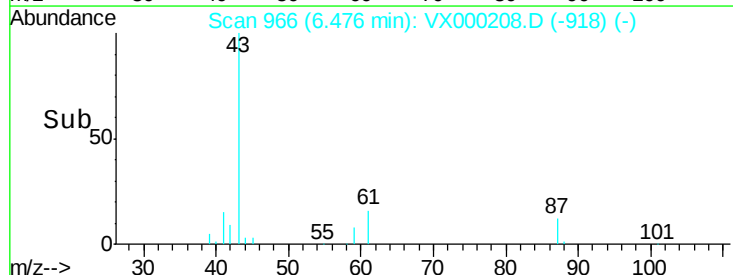
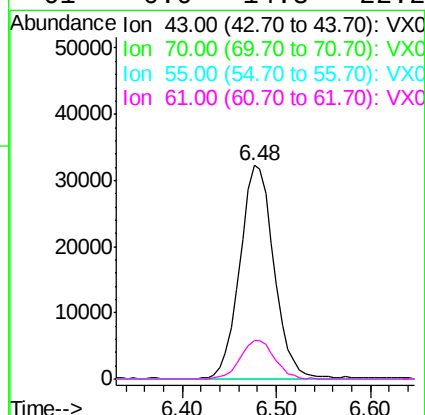
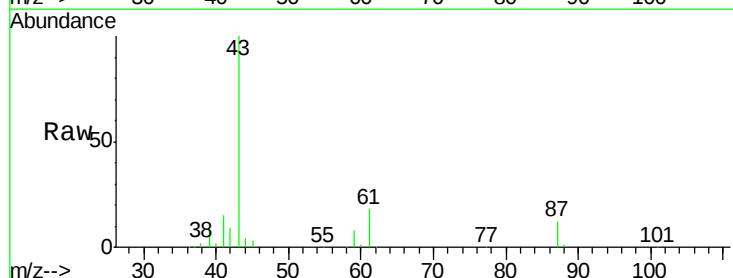
Ion Ratio Lower Upper

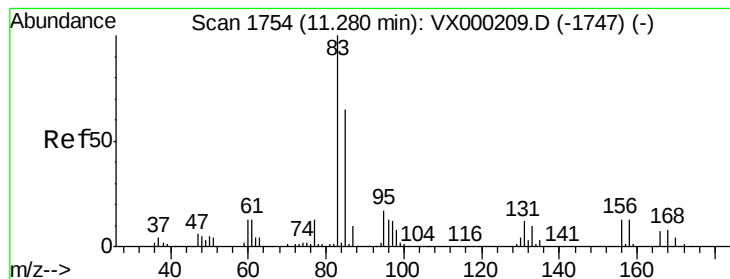
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 0.0 14.8 22.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.49 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

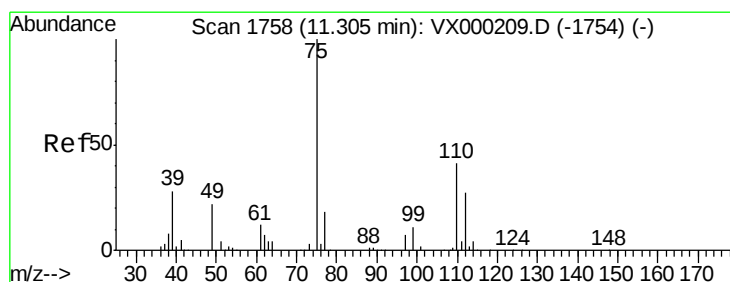
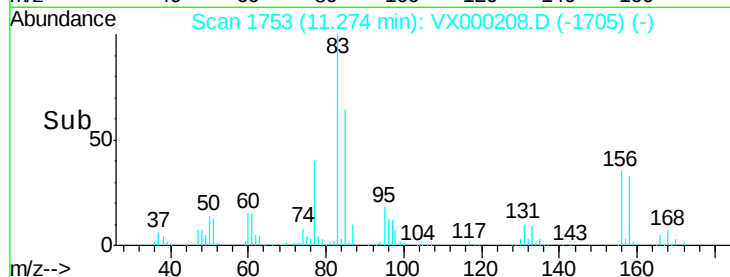
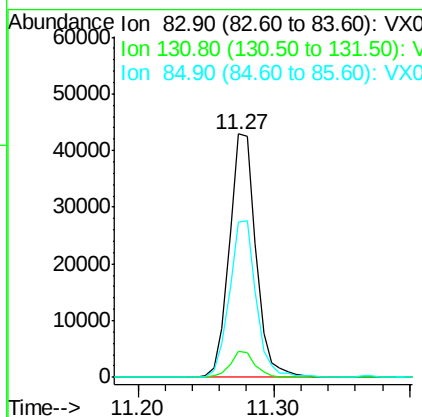
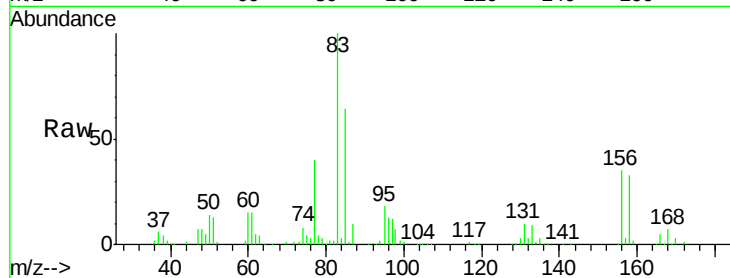
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	58246
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.5	16.5
85	64.6	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.33 ug/l m

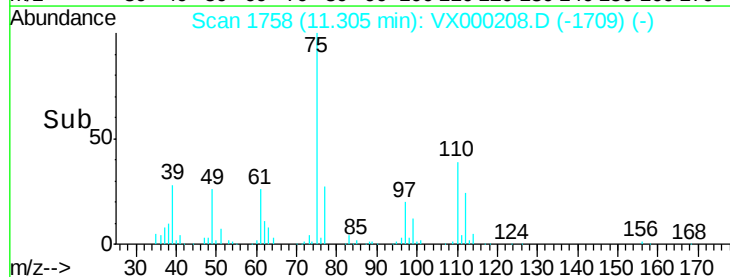
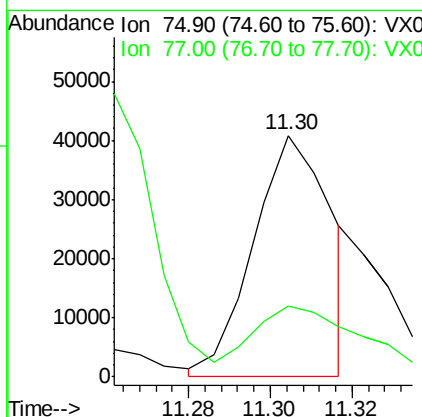
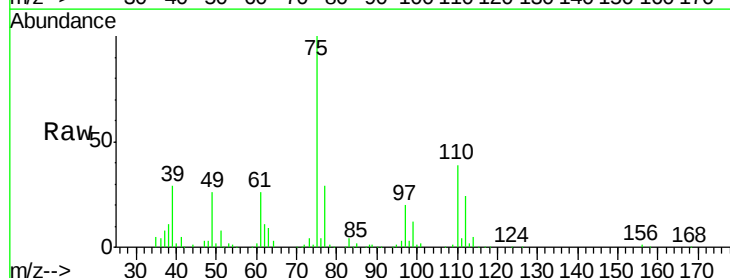
RT: 11.30 min Scan# 1758

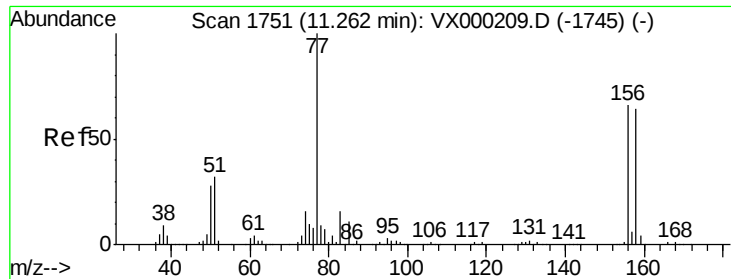
Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Tgt Ion:	75	Resp:	53948
Ion Ratio	Lower	Upper	
75	100		
77	41.9	22.3	66.8





#77

Bromobenzene

Concen: 17.86 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:156 Resp: 40971

Ion Ratio Lower Upper

156 100

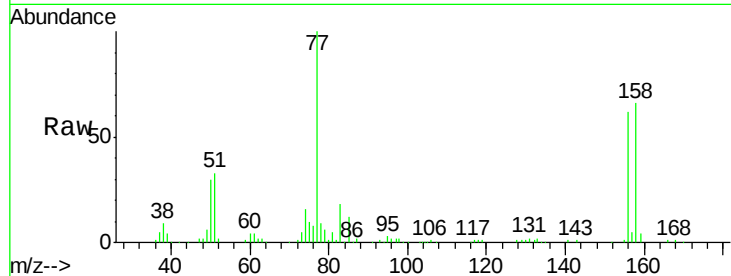
77 150.2 71.9 215.7

158 97.0 48.0 144.2

Manual Integrations
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apatel

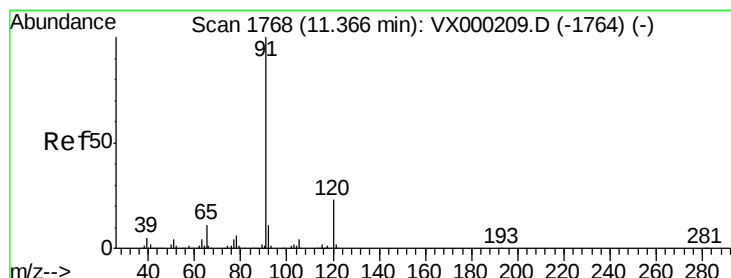
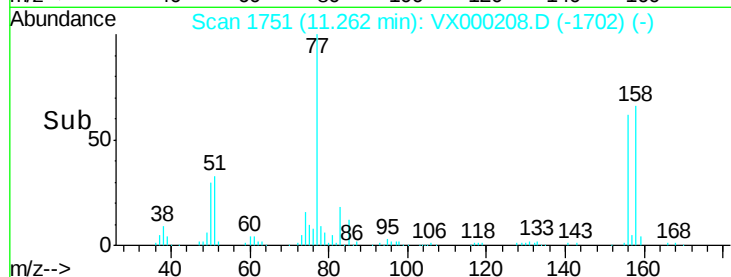
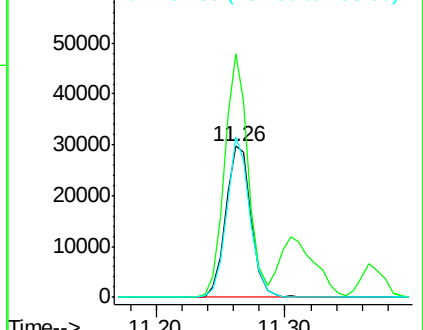
3/8/2018 10:42:14 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.42 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000208.D

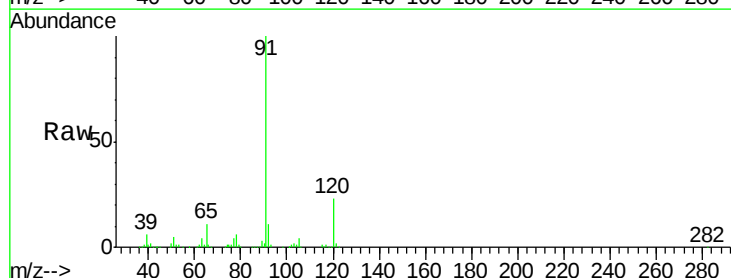
Acq: 07 Mar 2018 13:01

Tgt Ion: 91 Resp: 196193

Ion Ratio Lower Upper

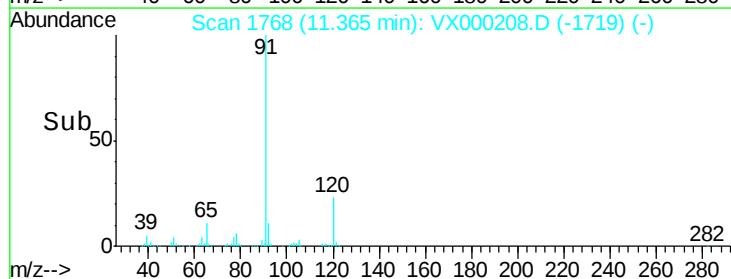
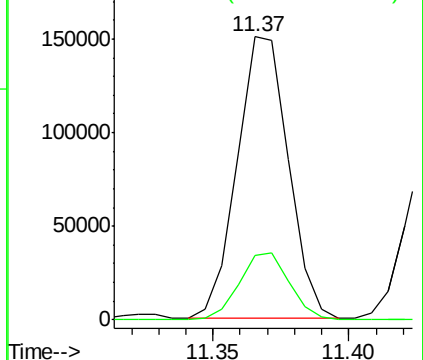
91 100

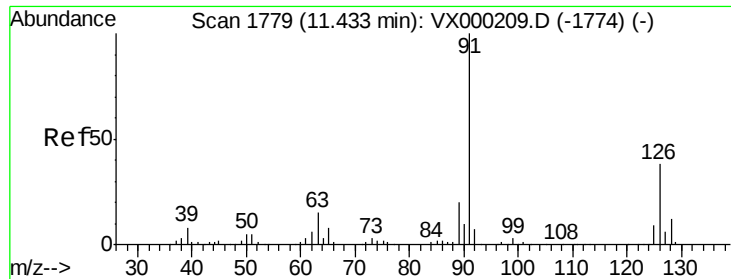
120 23.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.12 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 91 Resp: 110131

Ion Ratio Lower Upper

91 100

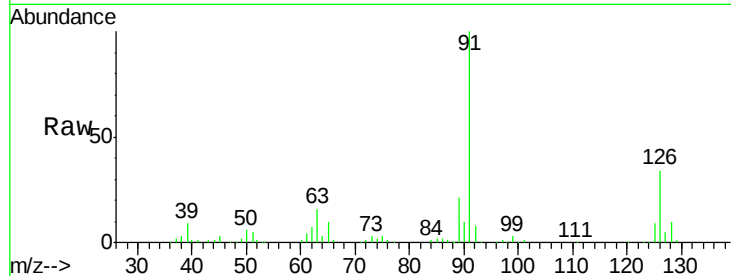
126 36.5 18.4 55.2

Manual Integrations

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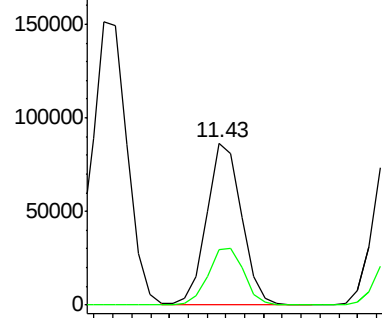
apatel

3/8/2018 10:42:14 AM

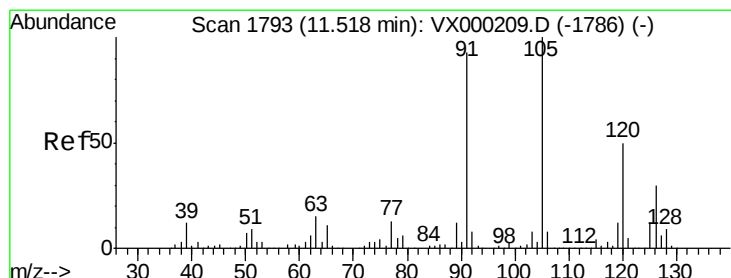
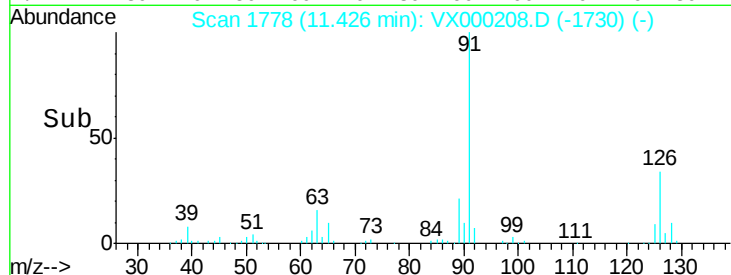


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.03 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000208.D

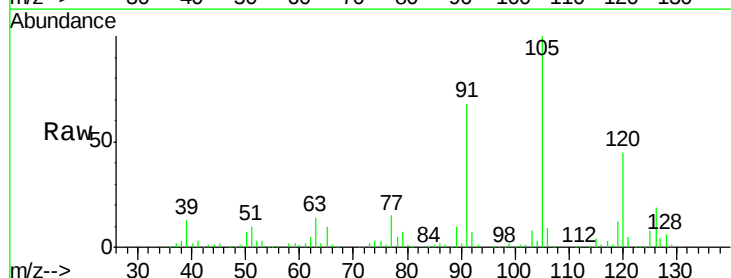
Acq: 07 Mar 2018 13:01

Tgt Ion:105 Resp: 137633

Ion Ratio Lower Upper

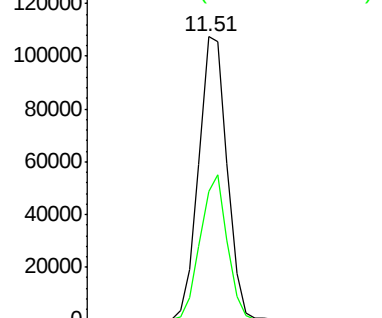
105 100

120 48.6 24.9 74.6

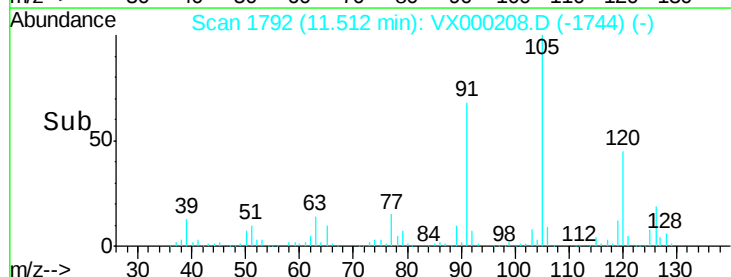


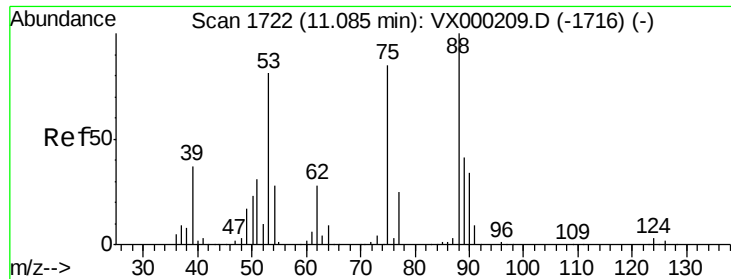
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.50 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

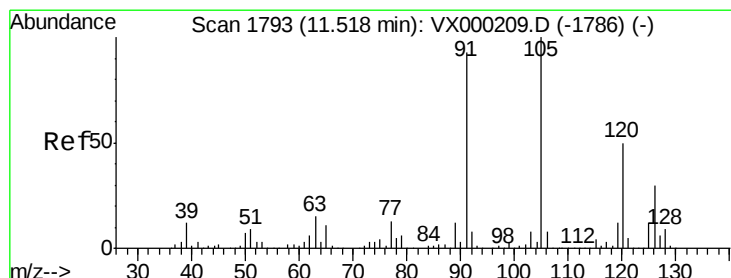
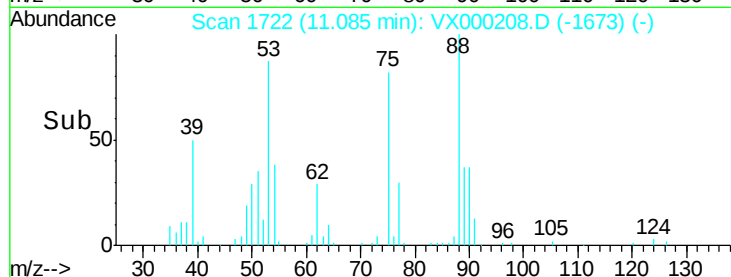
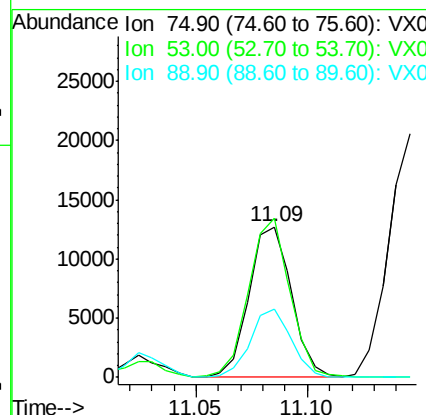
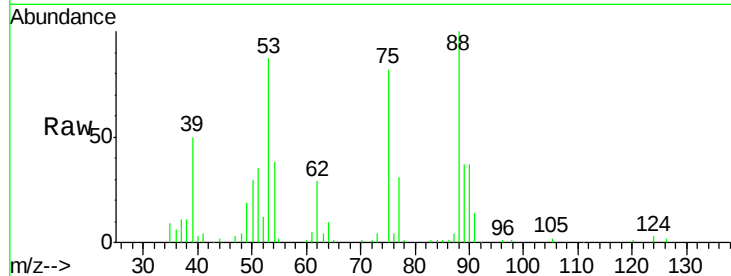
ClientSampled :

VSTDIC020

Tot Ion:	75	Resp:	16927
Ion	Ratio	Lower	Upper
75	100		
53	102.7	78.6	118.0
89	43.6	38.8	58.2

Manual Integrations
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3/8/2018 10:42:14 AM



#82

4-Chlorotoluene

Concen: 19.18 ug/l

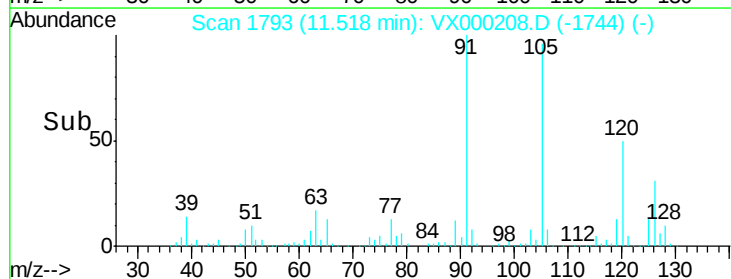
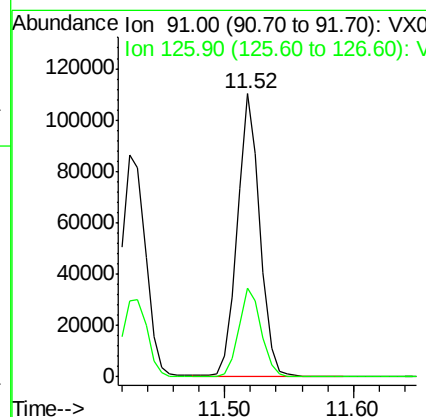
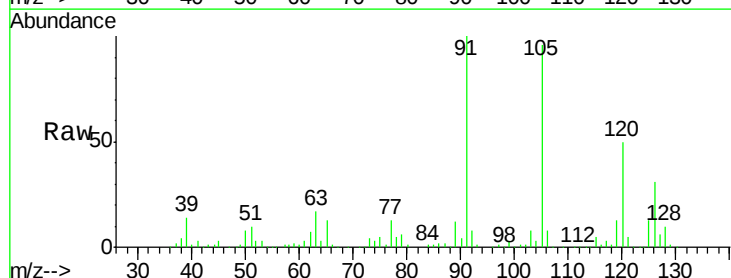
RT: 11.52 min Scan# 1793

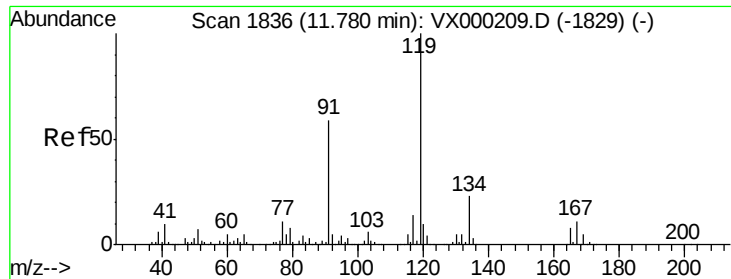
Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Tgt Ion:	91	Resp:	134631
Ion	Ratio	Lower	Upper
91	100		
126	31.4	16.0	48.0





#83

tert-Butylbenzene

Concen: 18.28 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

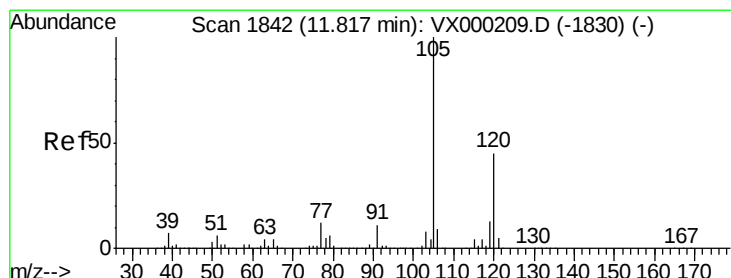
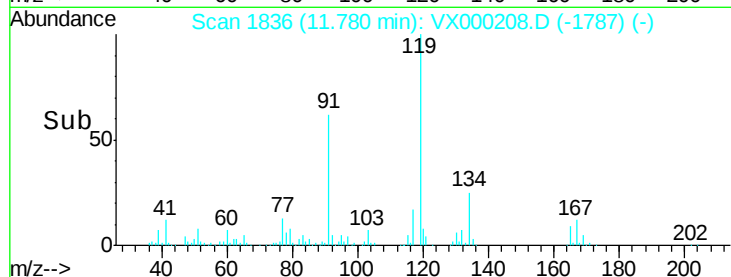
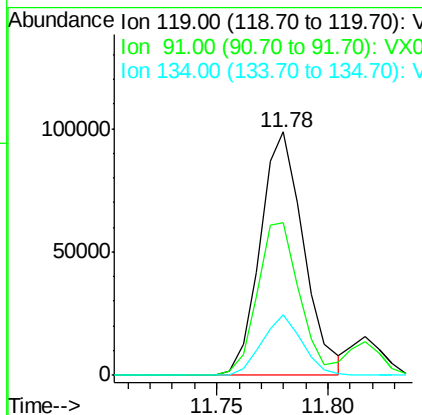
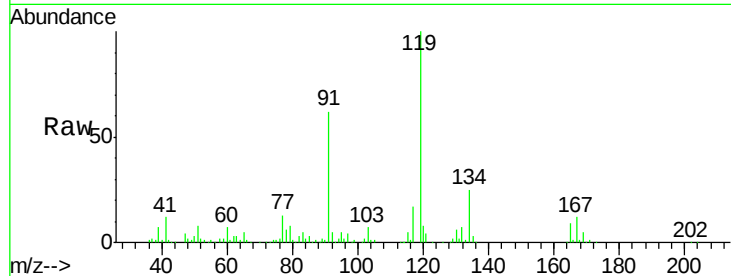
ClientSampled :

VSTDIC020

Tot Ion:	119	Resp:	133618
Ion Ratio	Lower	Upper	
119	100		
91	60.4	28.9	86.7
134	23.2	11.5	34.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.33 ug/l

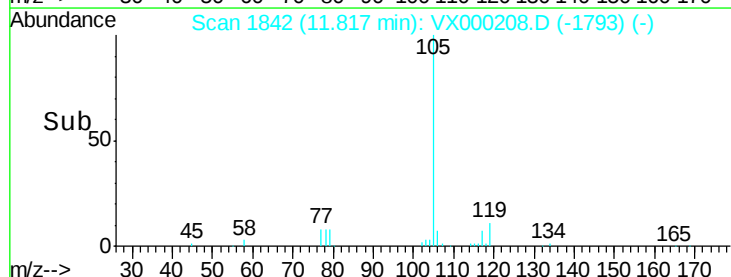
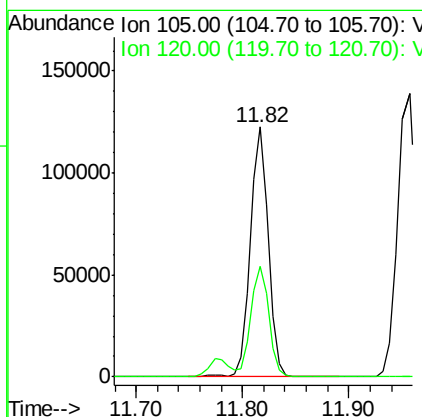
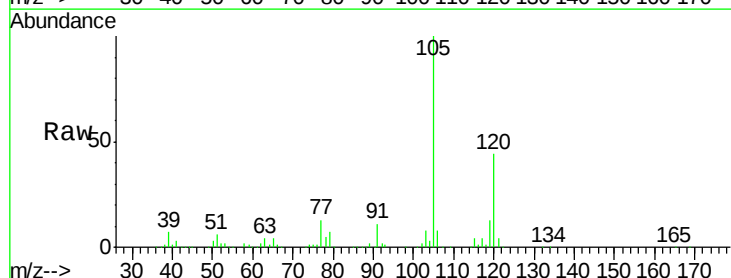
RT: 11.82 min Scan# 1842

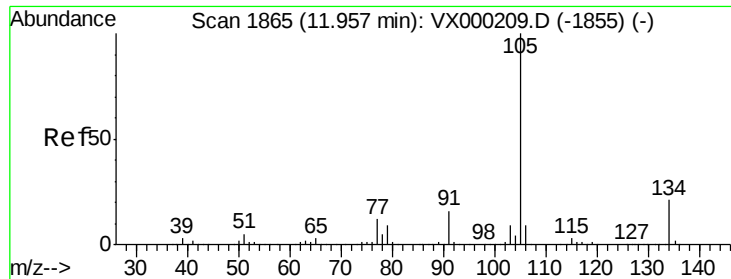
Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Tgt Ion:	105	Resp:	145377
Ion Ratio	Lower	Upper	
105	100		
120	44.9	23.0	69.0





#85

sec-Butylbenzene

Concen: 19.10 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion:105 Resp: 173683

Ion Ratio Lower Upper

105 100

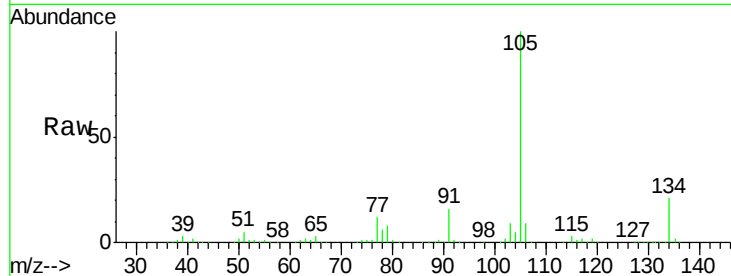
134 20.3 10.3 30.9

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

11.96

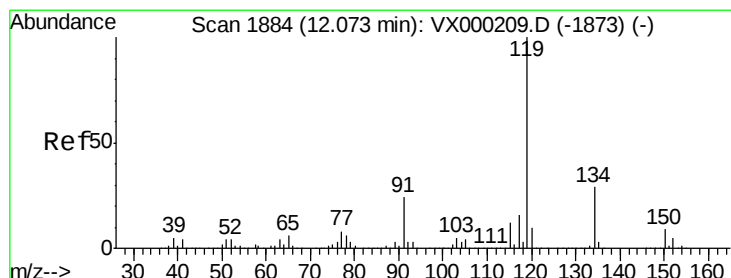
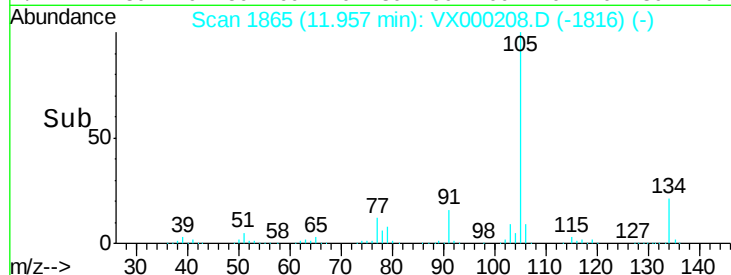
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.79 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

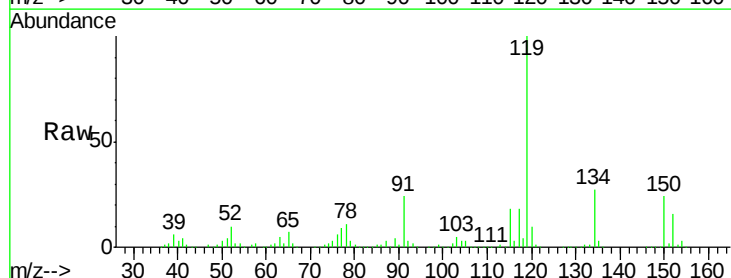
Tgt Ion:119 Resp: 152269

Ion Ratio Lower Upper

119 100

134 26.4 13.8 41.3

91 24.6 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): V

12.07

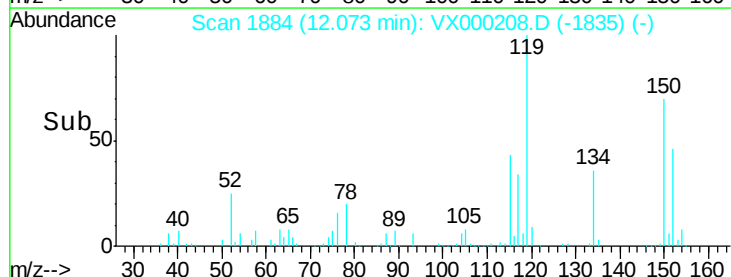
150000

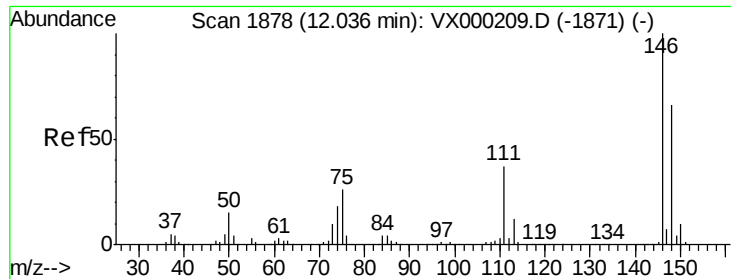
100000

50000

0

Time-->





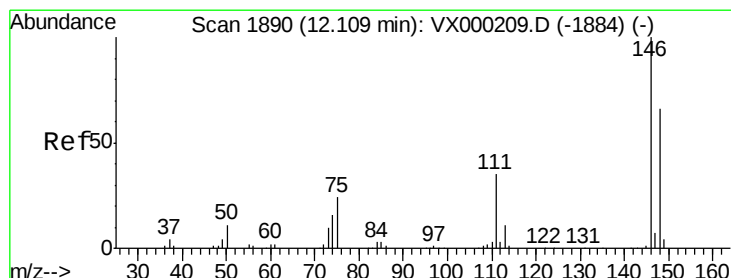
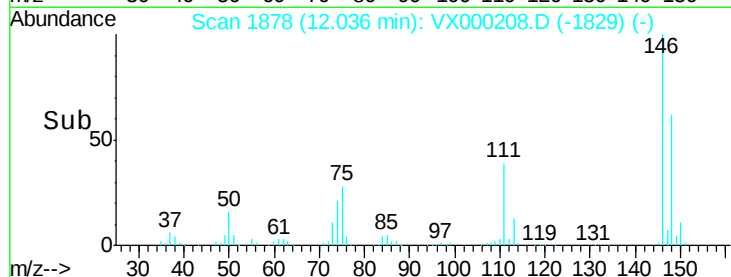
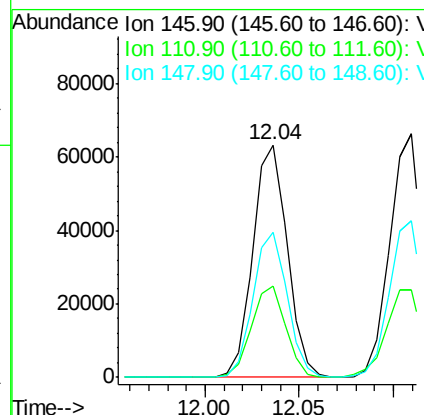
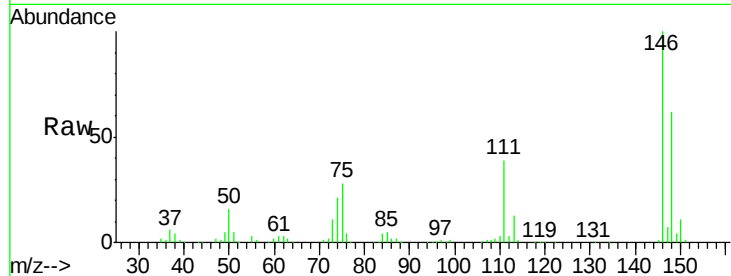
#87
 1,3-Dichlorobenzene
 Concen: 18.05 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.0	57.0
148	62.0	32.1	96.3

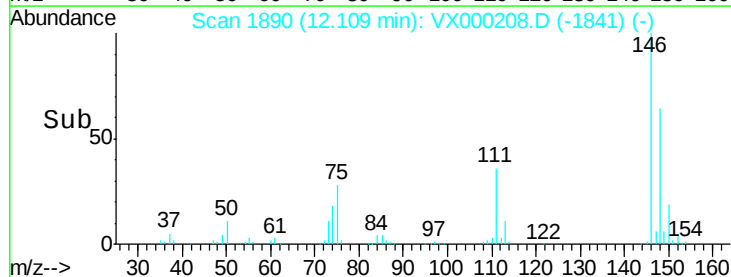
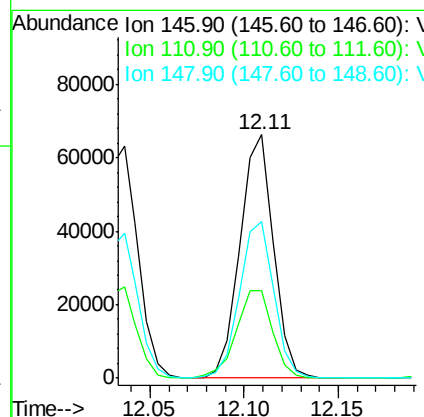
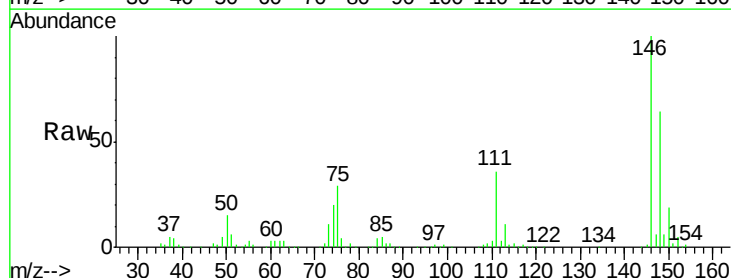
Manual Integrations
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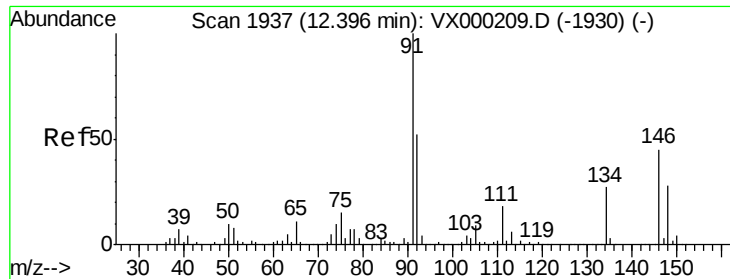
apatel
 3/8/2018 10:42:14 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.85 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	18.9	56.9
148	65.8	32.6	97.8





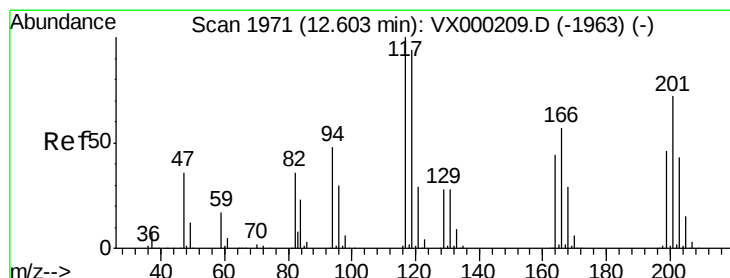
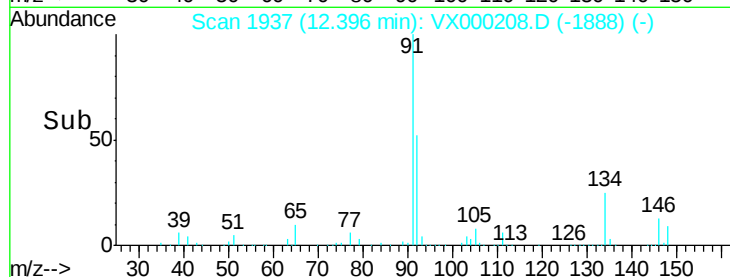
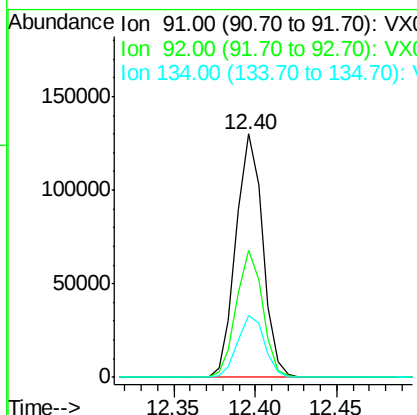
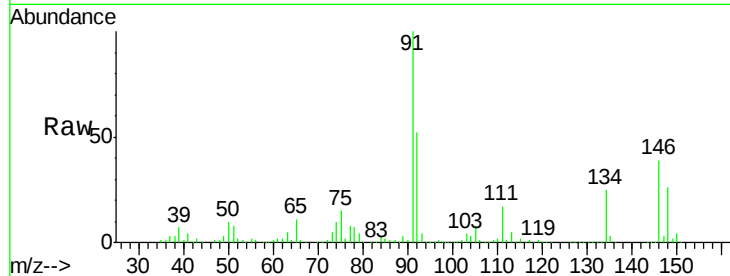
#89
n-Butylbenzene
Concen: 19.29 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.8	77.4
134	25.9	13.5	40.5

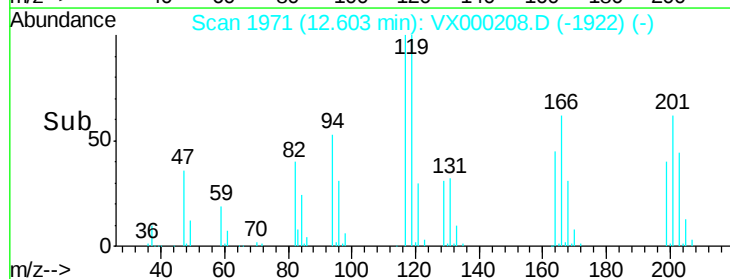
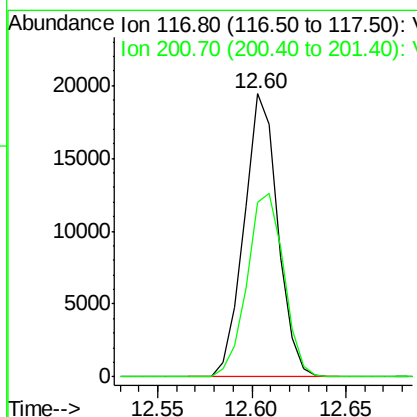
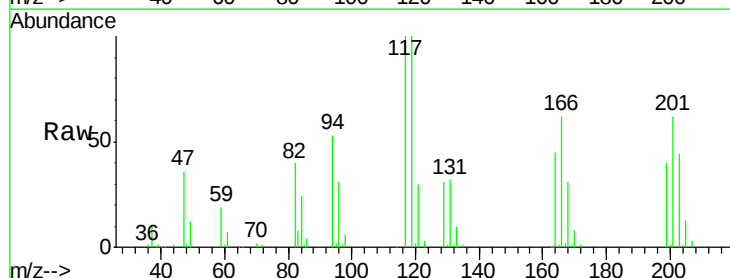
Manual Integrations
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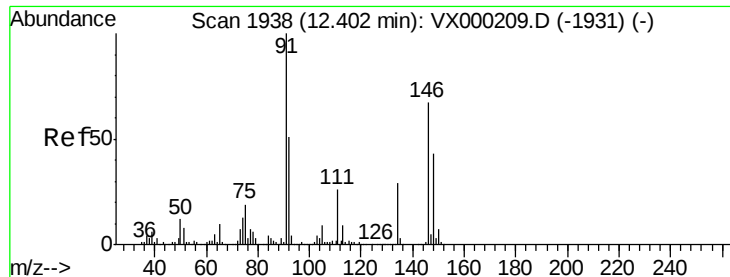
apatel
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#90
Hexachloroethane
Concen: 18.41 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000208.D
Acq: 07 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.5	38.2	114.6





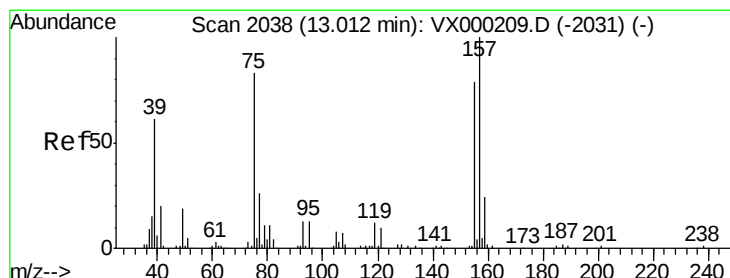
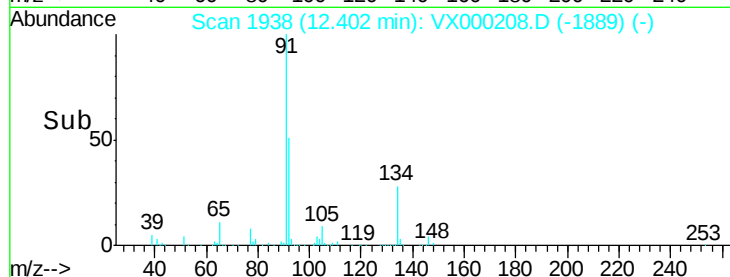
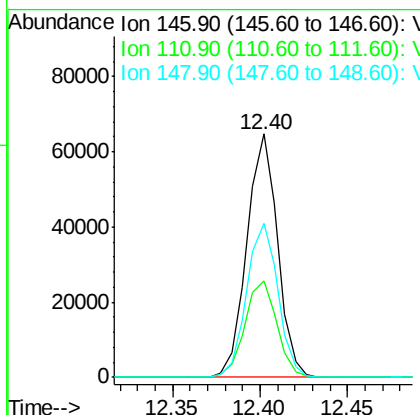
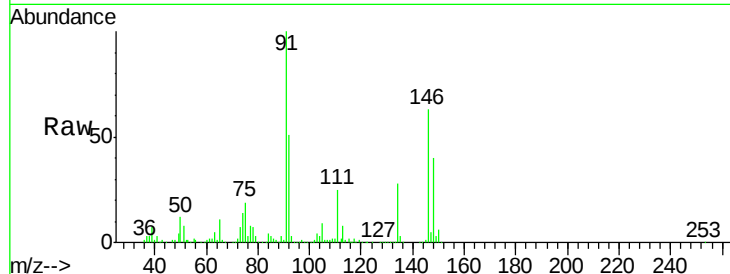
#91
 1,2-Dichlorobenzene
 Concen: 18.05 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.7	59.0
148	64.3	32.0	96.0

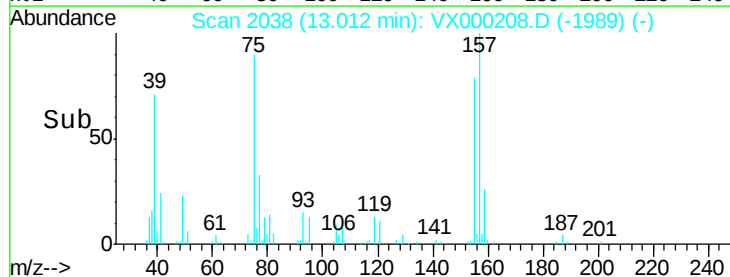
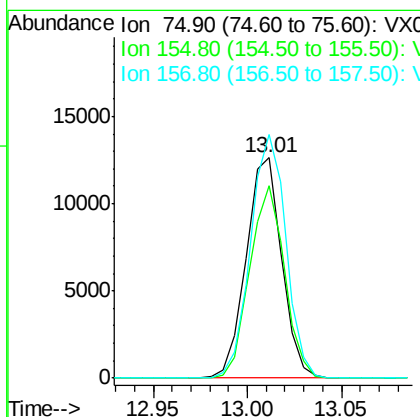
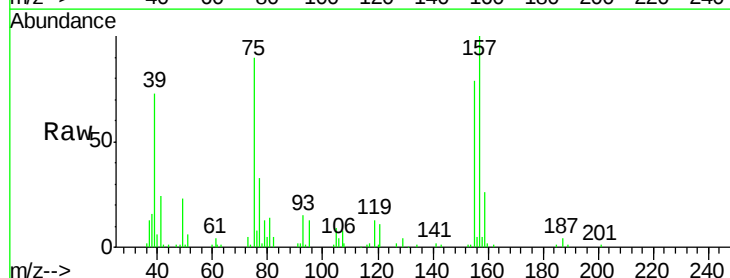
Manual Integrations
 APPROVED

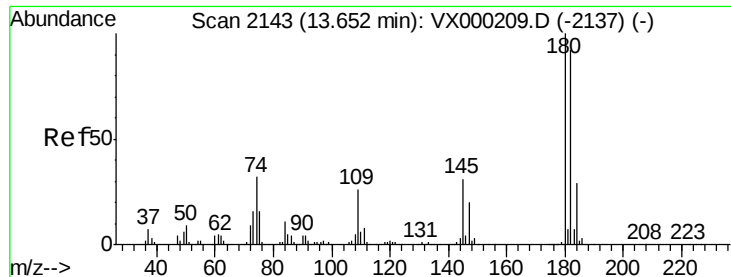
apatel
 3/8/2018 10:42:14 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.95 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	45.5	136.5
157	109.7	58.6	175.8





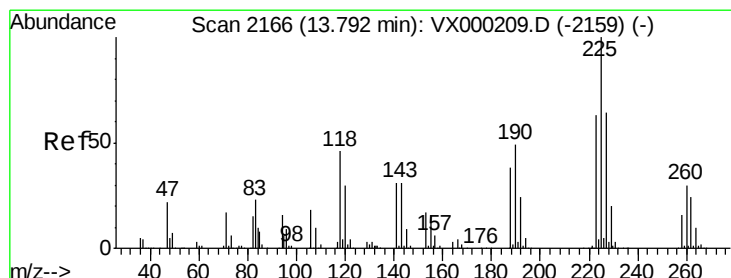
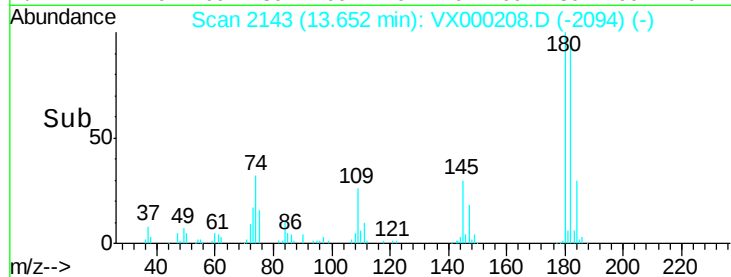
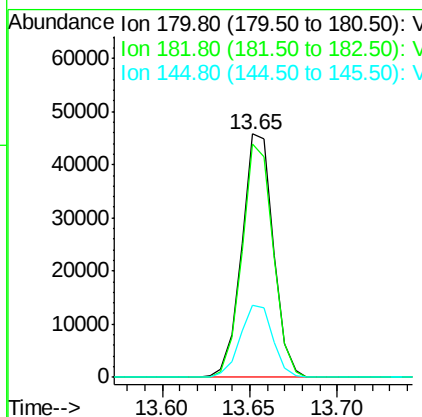
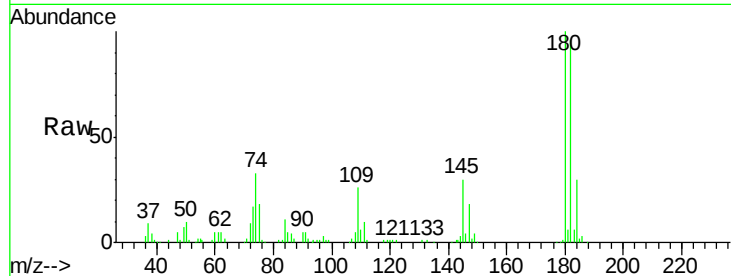
#93
 1,2,4-Trichlorobenzene
 Concen: 17.63 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.0	141.0
145	30.5	15.3	45.9

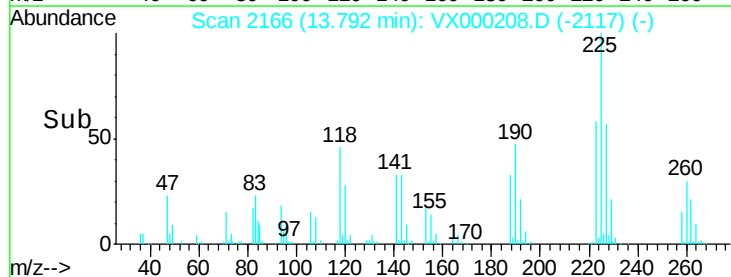
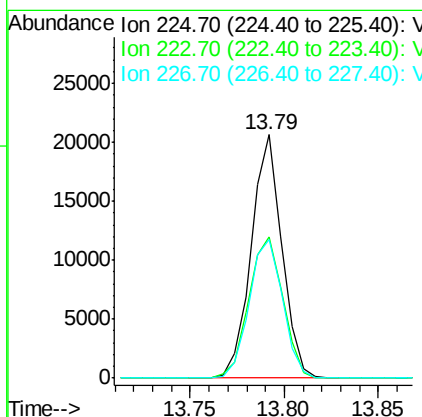
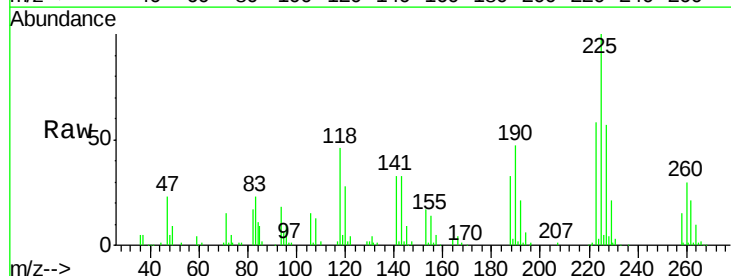
Manual Integrations
 APPROVED

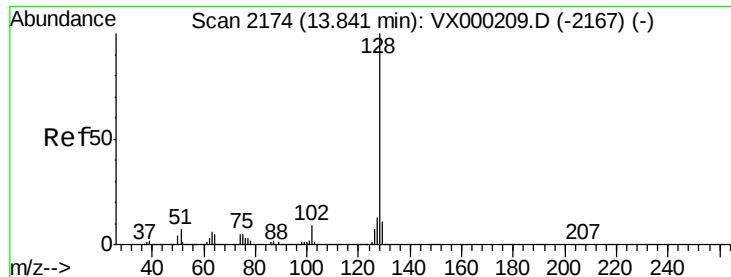
apatel
 3/8/2018 10:42:14 AM



#94
 Hexachlorobutadiene
 Concen: 16.66 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000208.D
 Acq: 07 Mar 2018 13:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.8	95.3
227	61.8	31.9	95.5





#95

Naphthalene

Concen: 18.64 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Instrument :

MSVOA_X

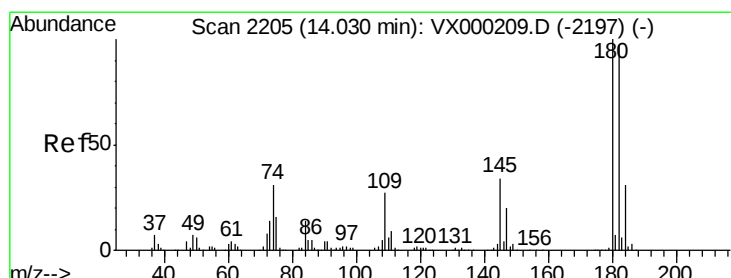
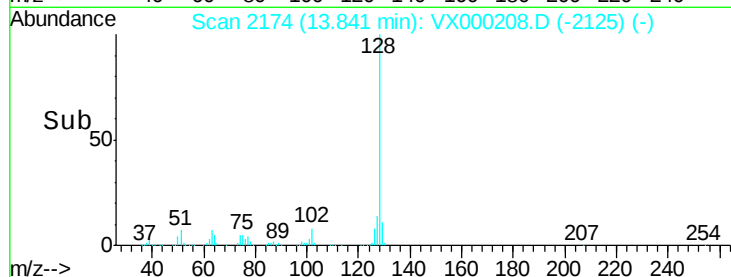
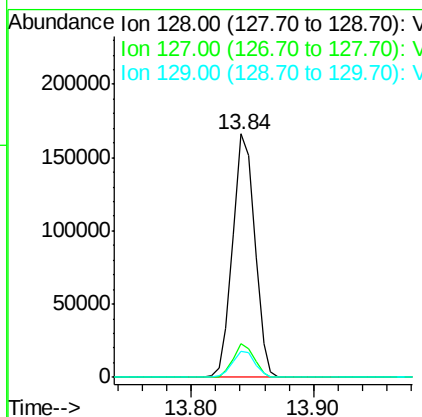
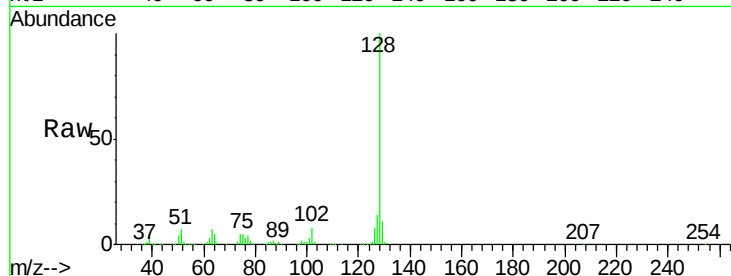
ClientSampled :

VSTDIC020

Tot Ion:	128	Resp:	206554
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
3/8/2018 10:42:14 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.74 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000208.D

Acq: 07 Mar 2018 13:01

Tgt Ion:	180	Resp:	56766
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.0	144.0
145	31.2	16.3	48.8

