

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
 Data File : VX000323.D
 Acq On : 15 Mar 2018 12:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC50

Manual Integrations
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apatel
 3/16/2018 3:43:15 PM

Quant Time: Mar 16 02:45:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	139094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	220908	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	223661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	144754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	80670	41.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.84%	
35) Dibromofluoromethane	5.52	113	63552	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
50) Toluene-d8	8.73	98	254858	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	
62) 4-Bromofluorobenzene	11.15	95	105027	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59405	39.65	ug/l	99
3) Chloromethane	1.32	50	58457	38.27	ug/l	99
4) Vinyl Chloride	1.41	62	67397	39.40	ug/l	98
5) Bromomethane	1.64	94	82325	43.12	ug/l	97
6) Chloroethane	1.73	64	43992	36.18	ug/l	96
7) Trichlorofluoromethane	1.93	101	120950	40.71	ug/l	99
8) Diethyl Ether	2.20	74	42971	40.63	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69762	43.60	ug/l	97
10) Methyl Iodide	2.52	142	69202	42.81	ug/l	99
11) Tert butyl alcohol	3.07	59	126315	202.88	ug/l	99
12) 1,1-Dichloroethene	2.38	96	59314	39.07	ug/l	92
13) Acrolein	2.30	56	62353	232.79	ug/l	99
14) Allyl chloride	2.73	41	110230	40.71	ug/l	98
15) Acrylonitrile	3.15	53	248505	207.01	ug/l	99
16) Acetone	2.45	43	275272	214.25	ug/l	97
17) Carbon Disulfide	2.57	76	162162	36.56	ug/l	98
18) Methyl Acetate	2.78	43	122363	42.56	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	228289	42.71	ug/l	98
20) Methylene Chloride	2.87	84	68335	41.08	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	65145	38.81	ug/l	96
22) Diisopropyl ether	3.87	45	215550	47.83	ug/l	94
23) Vinyl Acetate	3.83	43	1049155	244.27	ug/l	99
24) 1,1-Dichloroethane	3.70	63	122018	43.04	ug/l	100
25) 2-Butanone	4.71	43	344882	224.59	ug/l	99
26) 2,2-Dichloropropane	4.59	77	91943	44.93	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	65127	42.47	ug/l	99
28) Bromochloromethane	5.03	49	58140	48.80	ug/l	99
29) Tetrahydrofuran	5.17	42	223331	225.96	ug/l	98
30) Chloroform	5.23	83	121374	45.35	ug/l	96
31) Cyclohexane	5.59	56	95126	43.73	ug/l	93
32) 1,1,1-Trichloroethane	5.51	97	107020	45.25	ug/l	98
36) 1,1-Dichloropropene	5.81	75	90253	44.96	ug/l	99
37) Ethyl Acetate	4.87	43	121650	45.60	ug/l	99
38) Carbon Tetrachloride	5.79	117	94417	46.66	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	109823	46.91	ug/l	97
40) Benzene	6.15	78	259390	45.55	ug/l	99
41) Methacrylonitrile	5.07	41	64114	45.77	ug/l	98
42) 1,2-Dichloroethane	6.20	62	104185	46.16	ug/l	99
43) Isopropyl Acetate	6.47	43	189123	49.12	ug/l	99
44) Trichloroethene	7.22	130	75365	45.67	ug/l	91
45) 1,2-Dichloropropane	7.52	63	69200	49.27	ug/l	98
46) Dibromomethane	7.67	93	53308	47.25	ug/l	99
47) Bromodichloromethane	7.91	83	99487	49.68	ug/l	99
48) Methyl methacrylate	7.79	41	92125	47.32	ug/l	99
49) 1,4-Dioxane	7.76	88	37791	862.81	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	722154	241.52	ug/l	98
52) Toluene	8.79	92	180667	45.16	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	114286	49.45	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	114285	50.56	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	76260	47.51	ug/l	100
56) Ethyl methacrylate	9.19	69	120162	50.56	ug/l	100
57) 1,3-Dichloropropane	9.38	76	124772	47.99	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	295951	292.27	ug/l	99
59) 2-Hexanone	9.51	43	617915	245.29	ug/l	99
60) Dibromochloromethane	9.59	129	84328	49.69	ug/l	100
61) 1,2-Dibromoethane	9.68	107	83982	47.20	ug/l	99
64) Tetrachloroethene	9.34	164	72725	50.59	ug/l	97
65) Chlorobenzene	10.15	112	219142	48.11	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	76758	50.11	ug/l	100
67) Ethyl Benzene	10.26	91	378990	48.81	ug/l	98
68) m/p-Xylenes	10.37	106	303128	100.19	ug/l	99
69) o-Xylene	10.71	106	145084	49.37	ug/l	99
70) Styrene	10.72	104	248434	50.94	ug/l	99
71) Bromoform	10.87	173	68638	44.68	ug/l #	95
73) Isopropylbenzene	11.02	105	403936	46.33	ug/l	100
74) N-amyl acetate	6.47	43	189123	45.31	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	141654	45.64	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	128677m	49.17	ug/l	
77) Bromobenzene	11.26	156	102395	44.75	ug/l	99
78) n-propylbenzene	11.37	91	486257	46.25	ug/l	100
79) 2-Chlorotoluene	11.43	91	272407	45.66	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	354654	47.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	43773	45.84	ug/l	97
82) 4-Chlorotoluene	11.52	91	350131	47.75	ug/l	99
83) tert-Butylbenzene	11.78	119	347265	47.93	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	374405	49.03	ug/l	99
85) sec-Butylbenzene	11.96	105	442501	48.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	402437	49.85	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	204481	45.53	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	216304	46.35	ug/l	98
89) n-Butylbenzene	12.40	91	387970	49.43	ug/l	99
90) Hexachloroethane	12.60	117	64320	49.68	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	204207	46.95	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40638	48.37	ug/l	97

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ClientSampleId :
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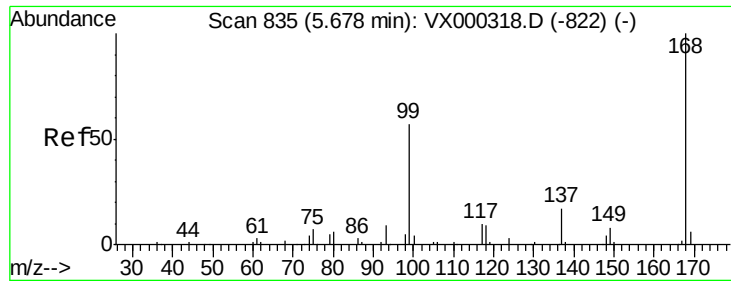
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	145361	46.39	ug/l	100
94) Hexachlorobutadiene	13.79	225	57262	46.33	ug/l	100
95) Naphthalene	13.85	128	517527	47.60	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	146638	46.33	ug/l	99

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



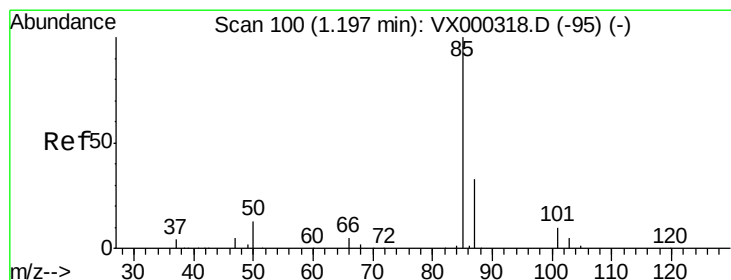
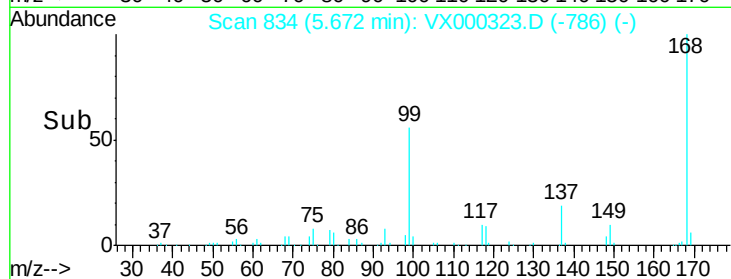
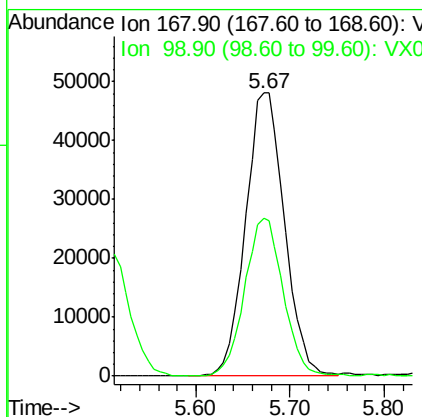
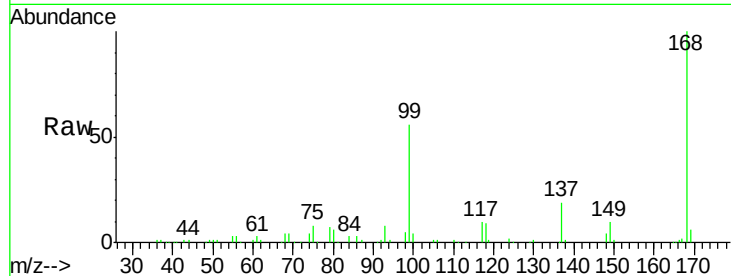
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCC50

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.8	45.8	68.6

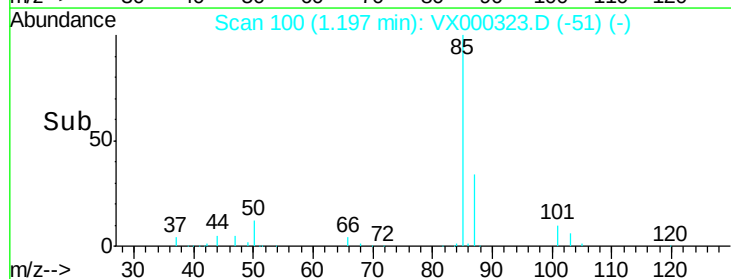
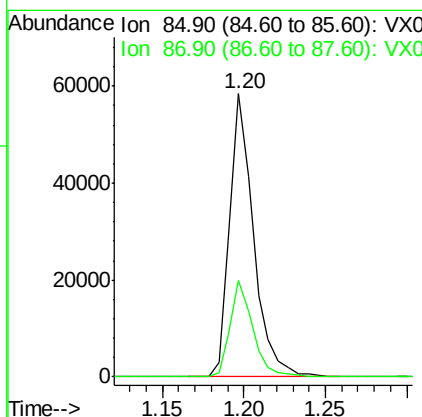
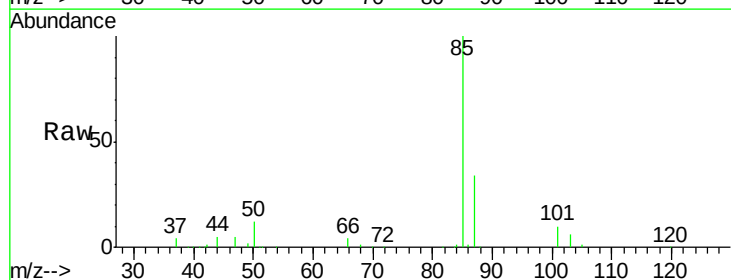
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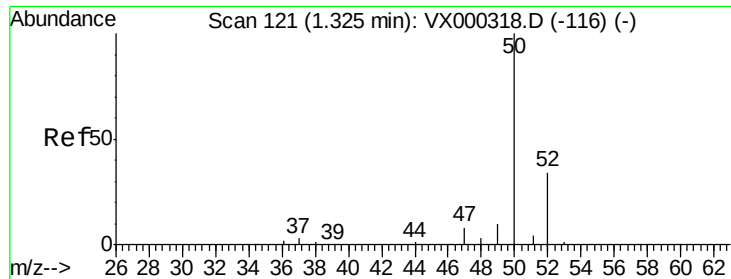
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#2
Dichlorodifluoromethane
Concen: 39.65 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.1	16.8	50.3





#3

Chloromethane

Concen: 38.27 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCC50

Tot Ion: 50 Resp: 58457

Ion Ratio Lower Upper

50 100

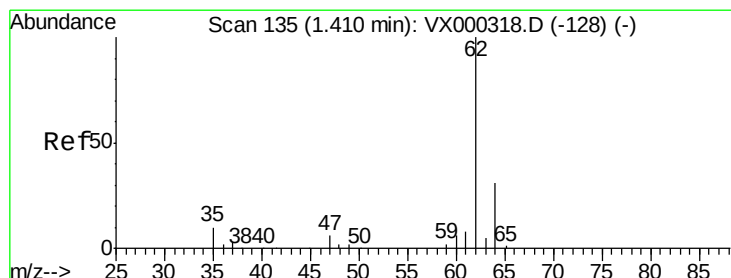
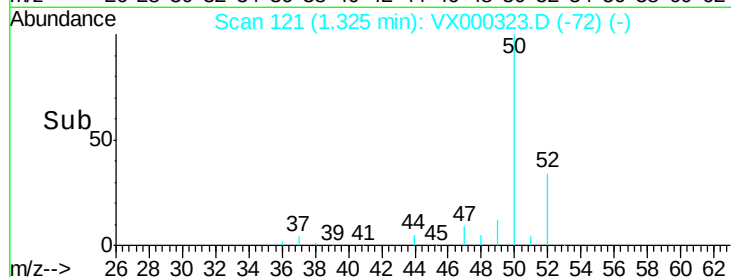
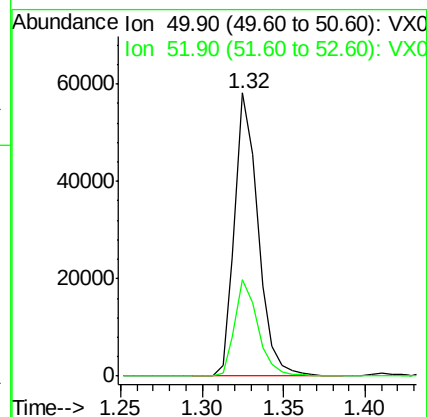
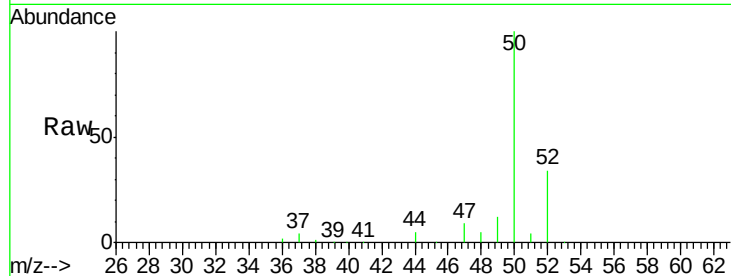
52 34.0 27.5 41.3

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#4

Vinyl Chloride

Concen: 39.40 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000323.D

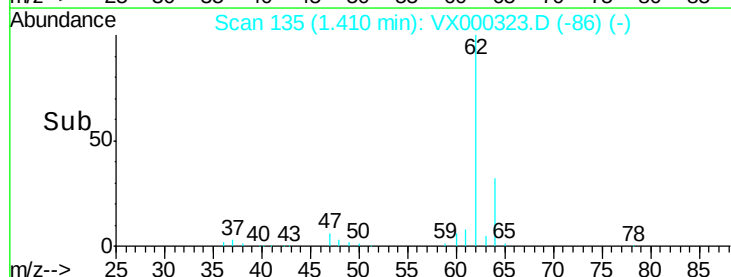
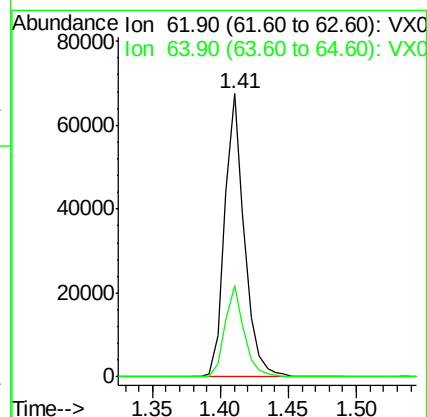
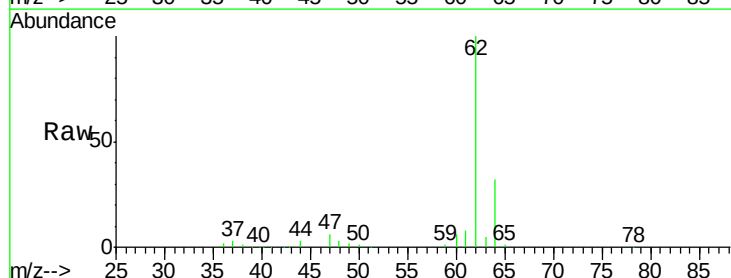
Acq: 15 Mar 2018 12:13

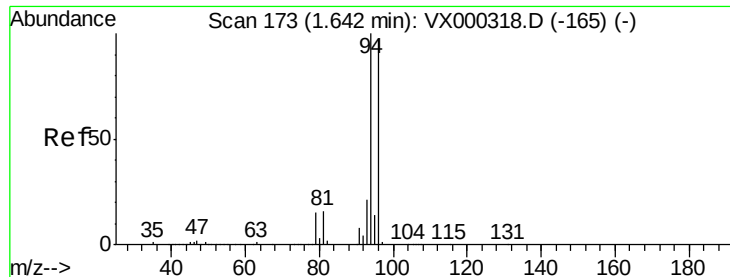
Tgt Ion: 62 Resp: 67397

Ion Ratio Lower Upper

62 100

64 32.3 24.8 37.2





#5

Bromomethane

Concen: 43.12 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampled :

VSTDCC50

Tot Ion: 94 Resp: 82325

Ion Ratio Lower Upper

94 100

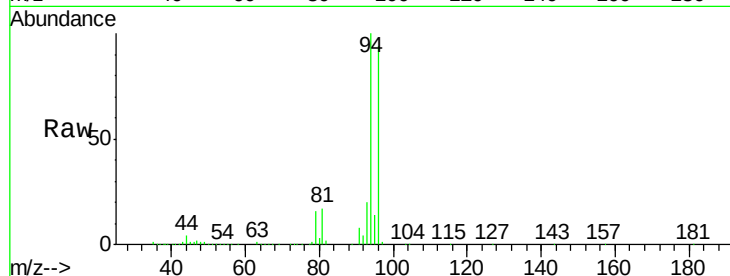
96 94.2 77.7 116.5

Manual Integrations

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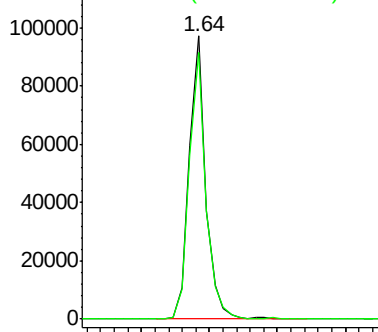
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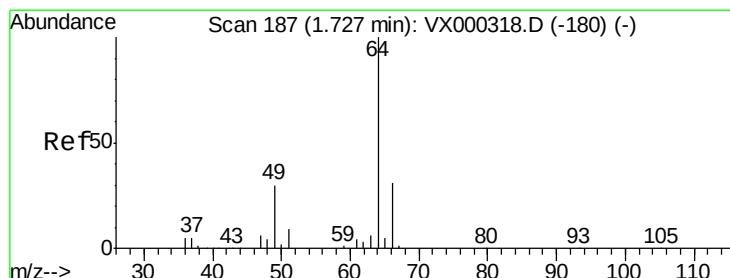
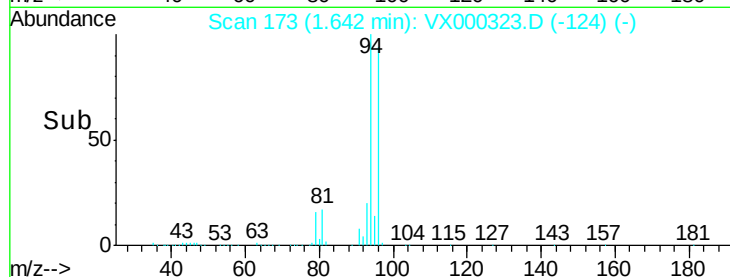


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 36.18 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000323.D

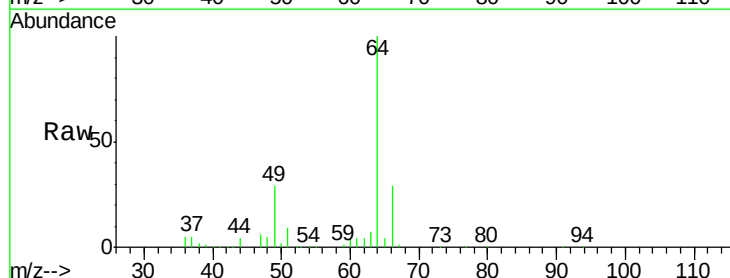
Acq: 15 Mar 2018 12:13

Tgt Ion: 64 Resp: 43992

Ion Ratio Lower Upper

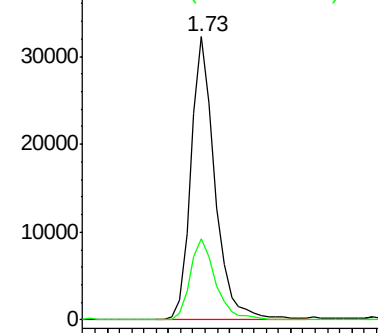
64 100

66 28.6 24.8 37.2

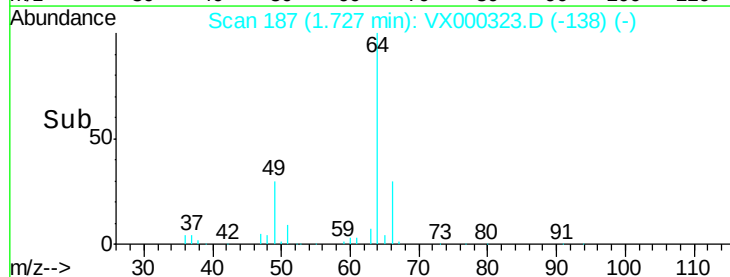


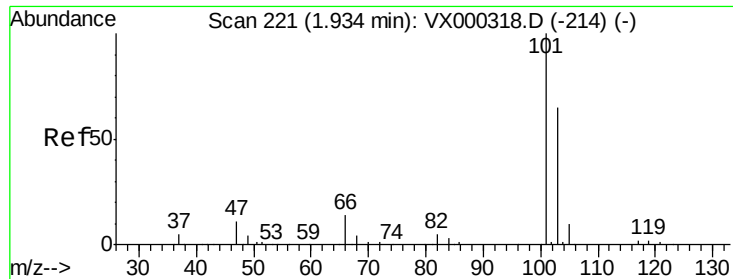
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

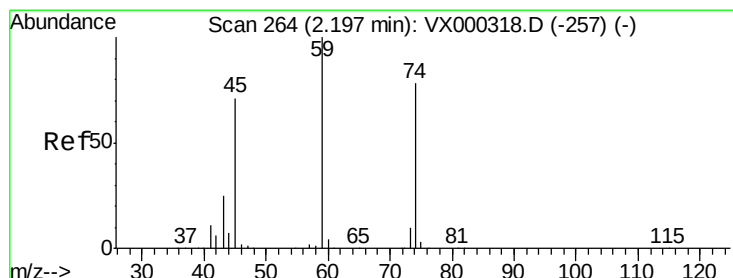
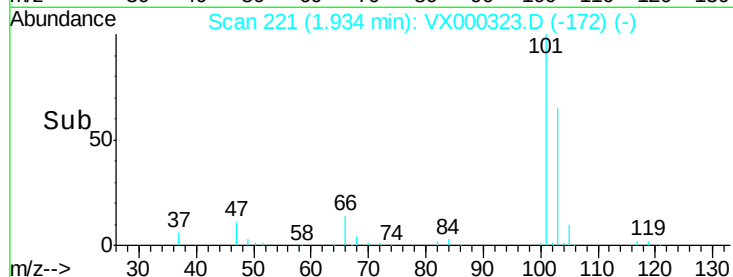
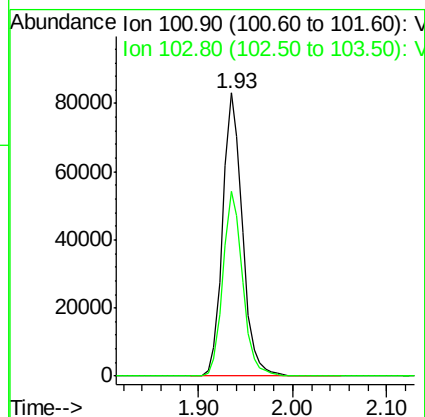
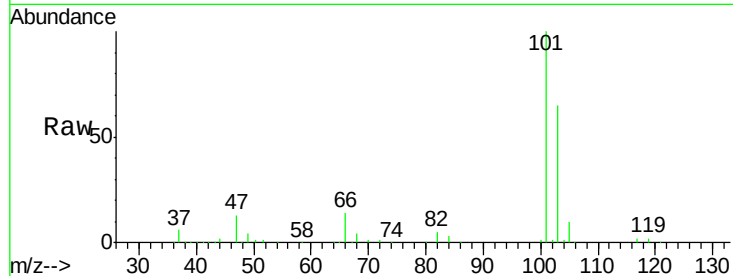
Trichlorofluoromethane
Concen: 40.71 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
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ClientSampleId :
VSTDCC50

Tot Ion:101 Resp: 120950
Ion Ratio Lower Upper
101 100
103 65.3 51.6 77.4

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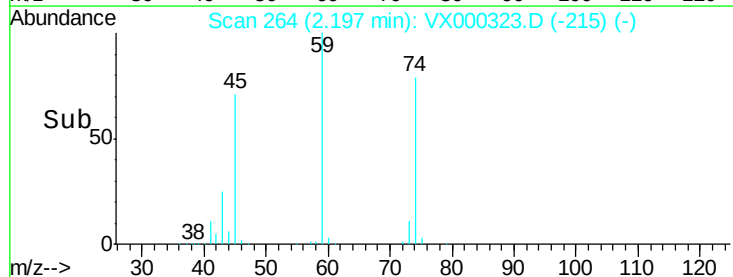
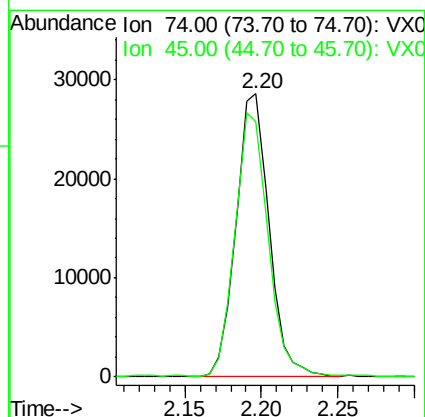
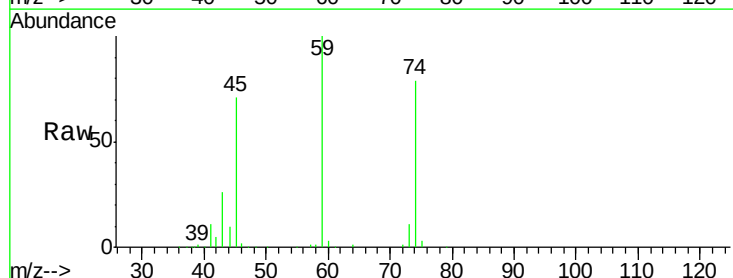
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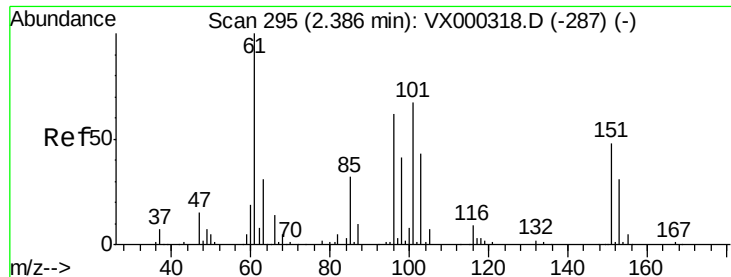


#8

Diethyl Ether
Concen: 40.63 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion: 74 Resp: 42971
Ion Ratio Lower Upper
74 100
45 92.8 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.60 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

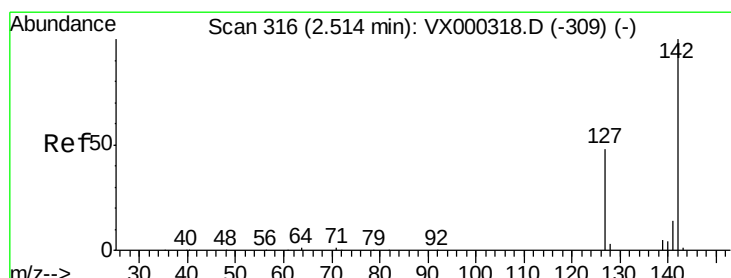
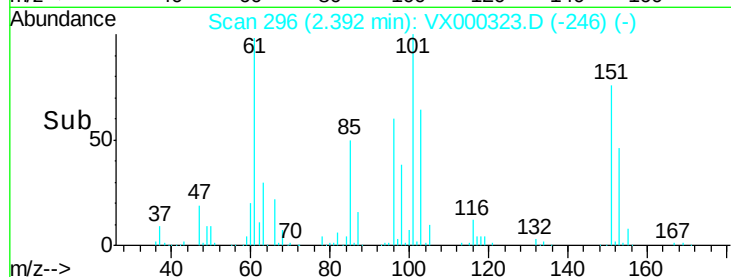
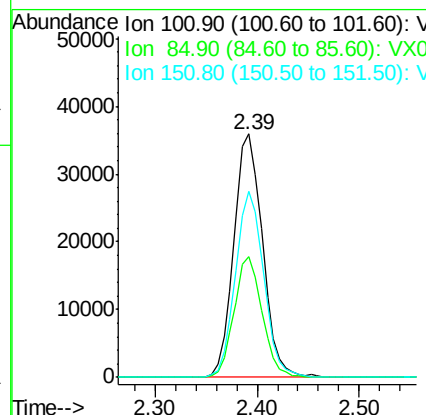
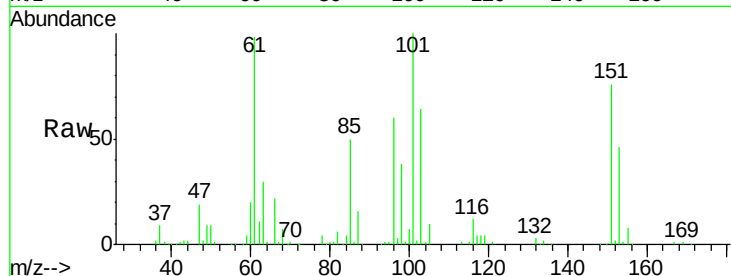
ClientSampleId :

VSTDCC50

Tot Ion:	101	Resp:	69762
Ion Ratio	Lower	Upper	
101	100		
85	48.3	37.6	56.4
151	75.5	62.6	93.8

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#10

Methyl Iodide

Concen: 42.81 ug/l

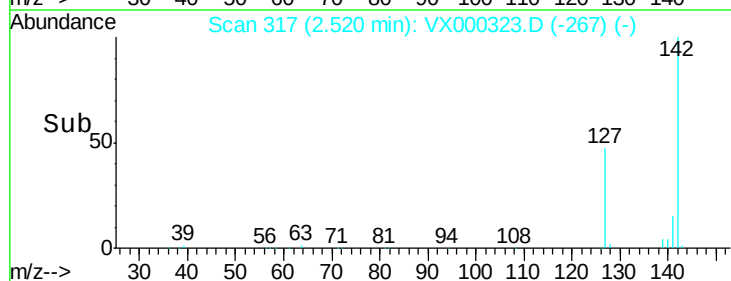
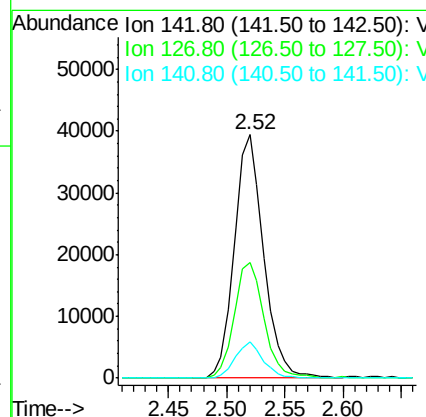
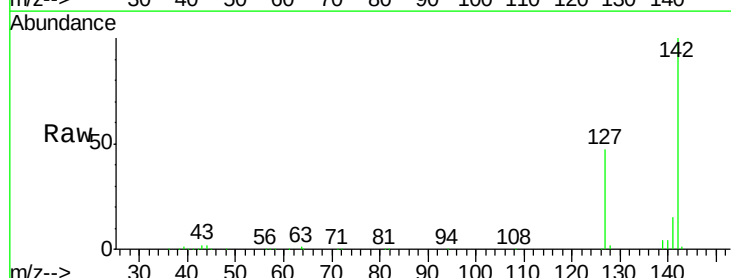
RT: 2.52 min Scan# 317

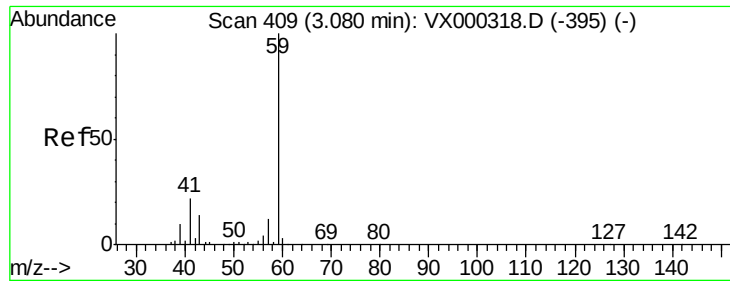
Delta R.T. 0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Tgt Ion:	142	Resp:	69202
Ion Ratio	Lower	Upper	
142	100		
127	48.5	39.2	58.8
141	14.3	11.7	17.5





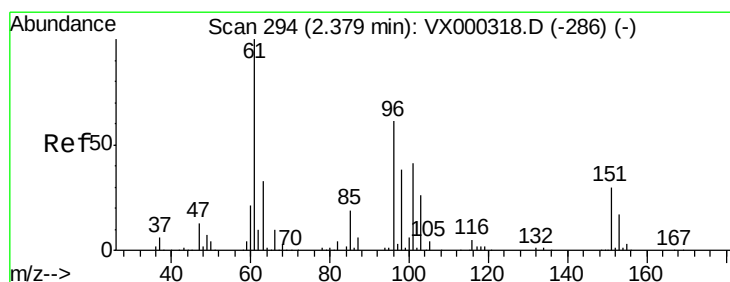
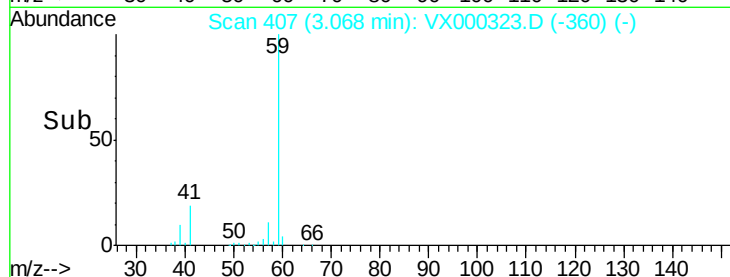
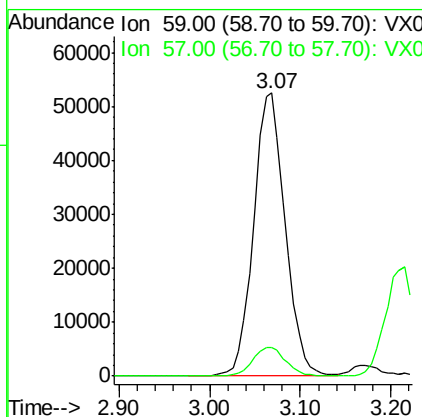
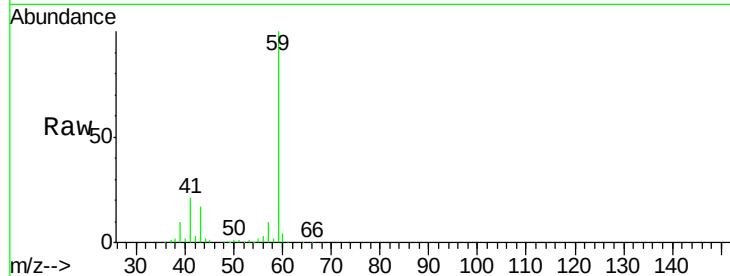
#11
Tert butyl alcohol
Concen: 202.88 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCC50

Tot Ion	59	Resp	126315
Ion Ratio	100	Lower	Upper
57	10.7	8.4	12.6

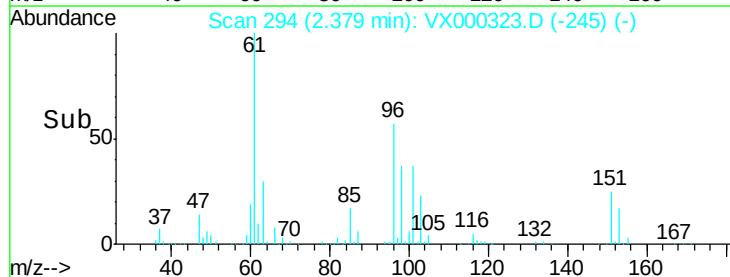
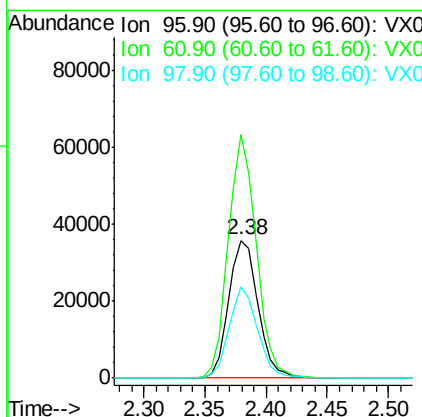
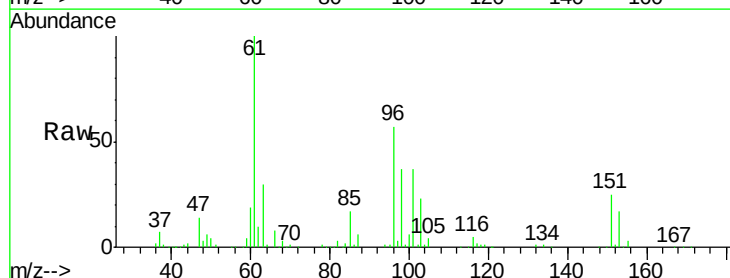
Manual Integrations
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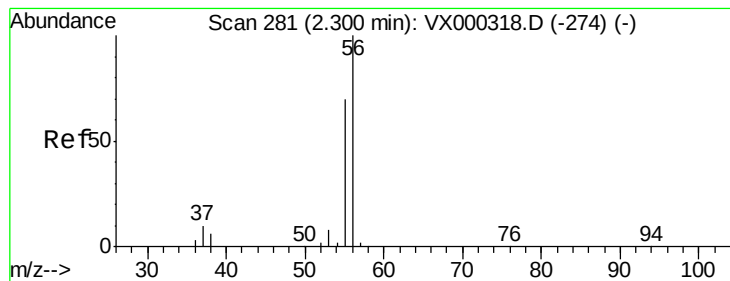
apatel
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#12
1,1-Dichloroethene
Concen: 39.07 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion	96	Resp	59314
Ion Ratio	100	Lower	Upper
61	176.9	131.2	196.8
98	66.2	49.8	74.8





#13

Acrolein

Concen: 232.79 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCC50

Tot Ion: 56 Resp: 62353

Ion Ratio Lower Upper

56 100

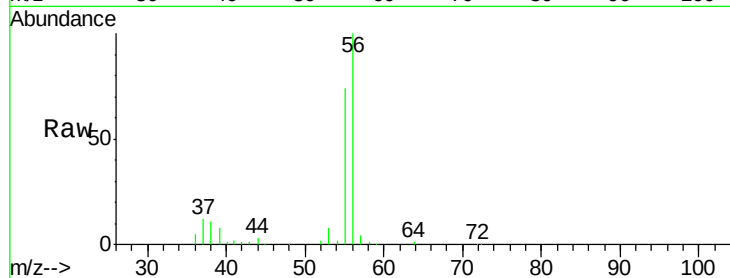
55 72.8 58.8 88.2

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

40000

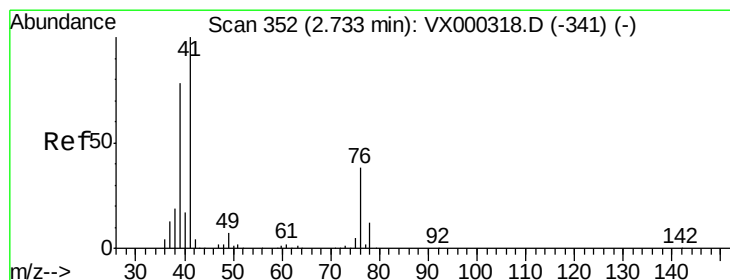
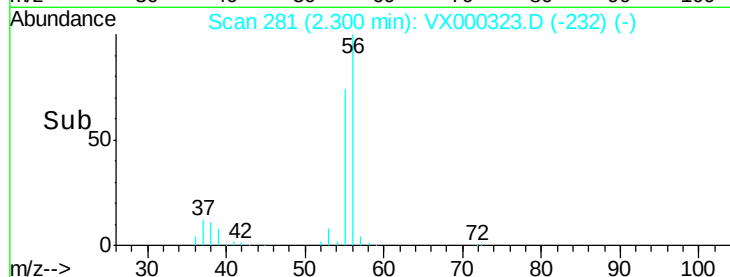
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 40.71 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

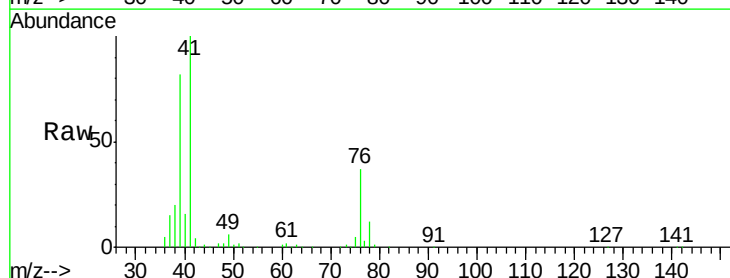
Tgt Ion: 41 Resp: 110230

Ion Ratio Lower Upper

41 100

39 74.7 57.6 86.4

76 33.7 27.3 40.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

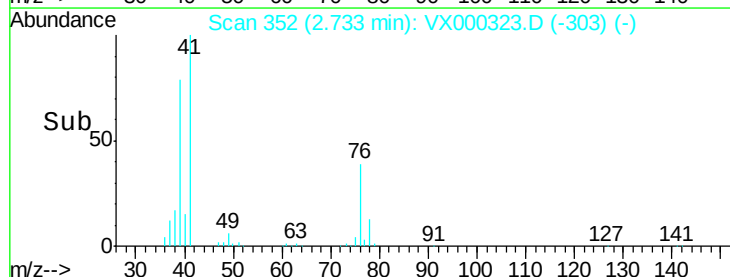
2.73

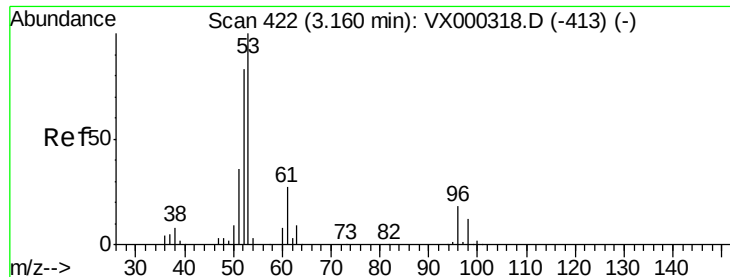
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 207.01 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

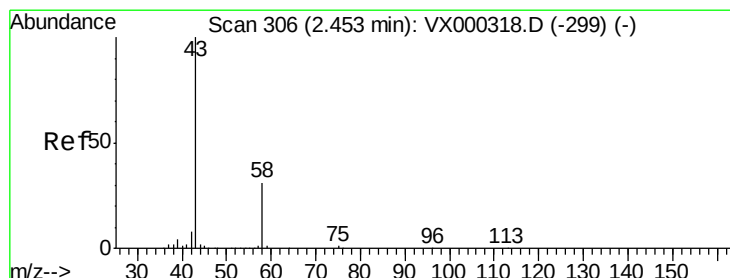
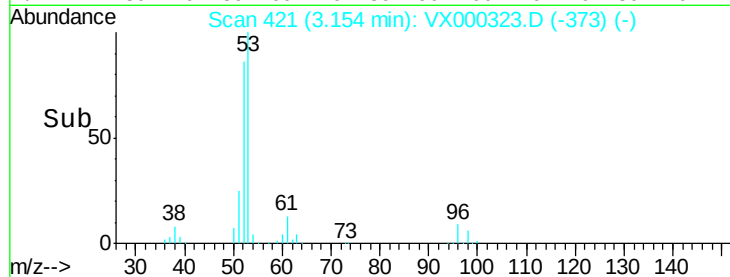
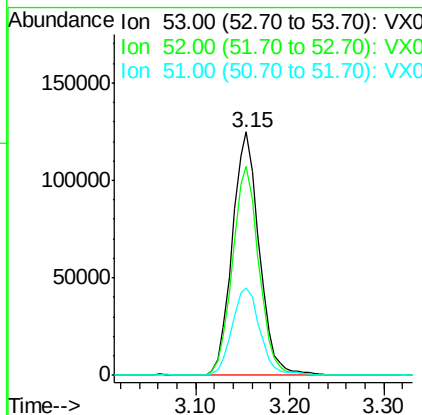
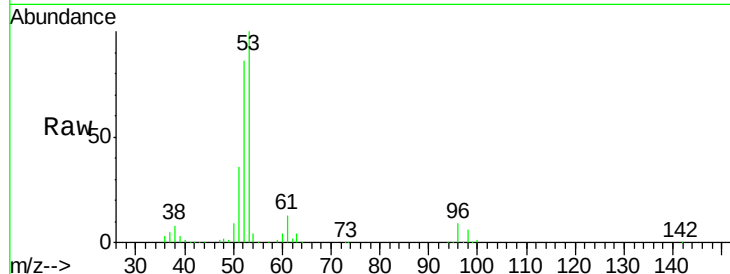
ClientSampleId :

VSTDCC50

Tot Ion:	53	Resp:	248505
Ion Ratio	Lower	Upper	
53	100		
52	84.4	66.6	99.8
51	37.7	29.3	43.9

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#16

Acetone

Concen: 214.25 ug/l

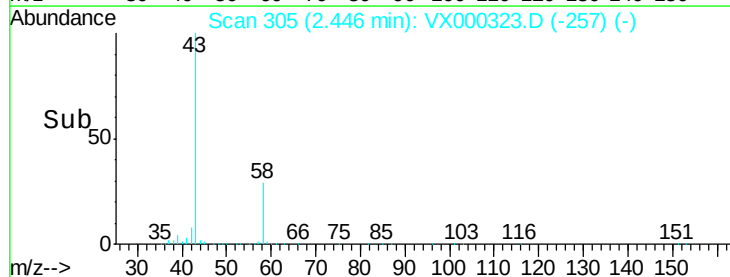
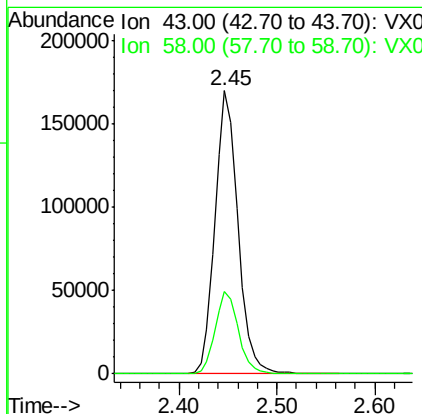
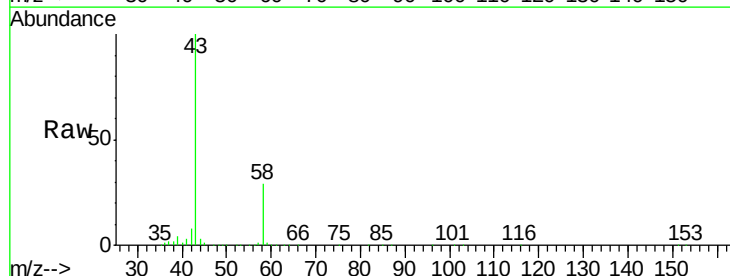
RT: 2.45 min Scan# 305

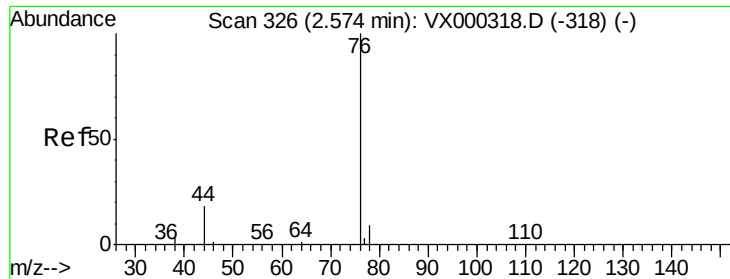
Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Tgt Ion:	43	Resp:	275272
Ion Ratio	Lower	Upper	
43	100		
58	29.0	24.7	37.1





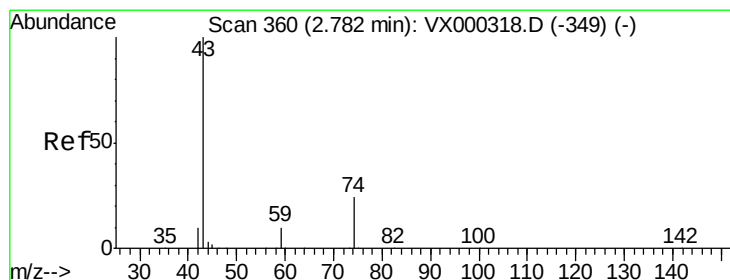
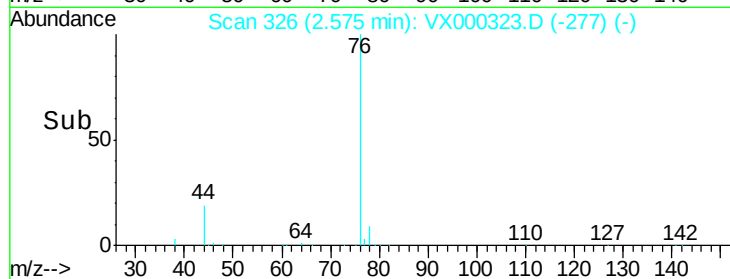
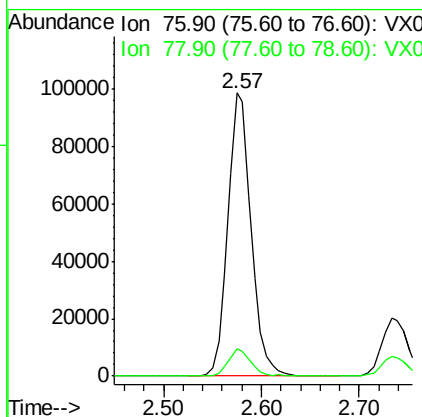
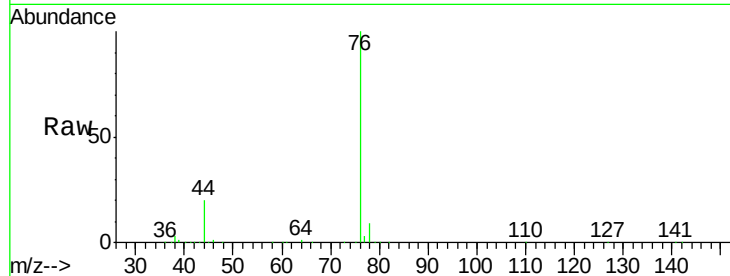
#17
Carbon Disulfide
Concen: 36.56 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCC50

Tot Ion: 76 Resp: 162162
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

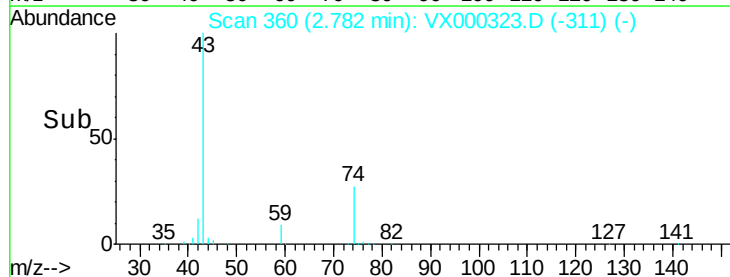
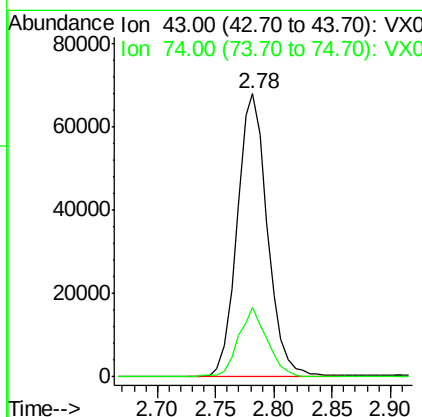
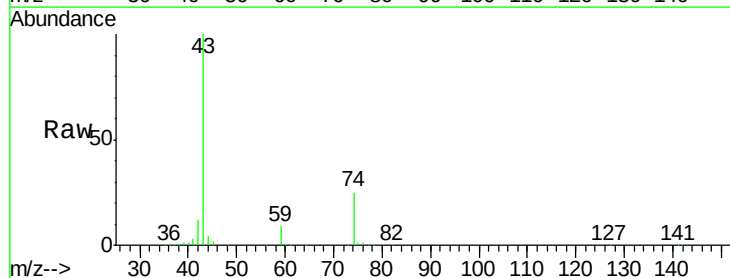
Manual Integrations
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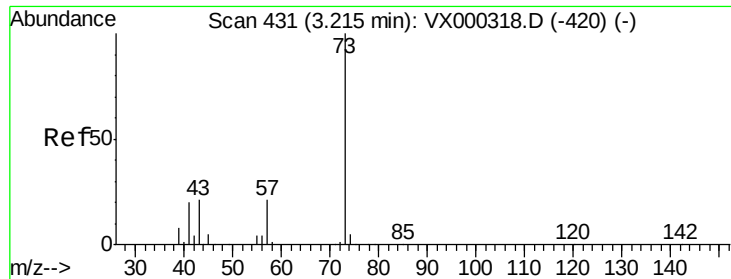
apatel
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#18
Methyl Acetate
Concen: 42.56 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion: 43 Resp: 122363
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2





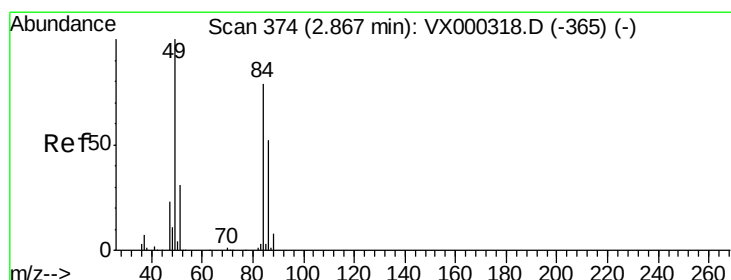
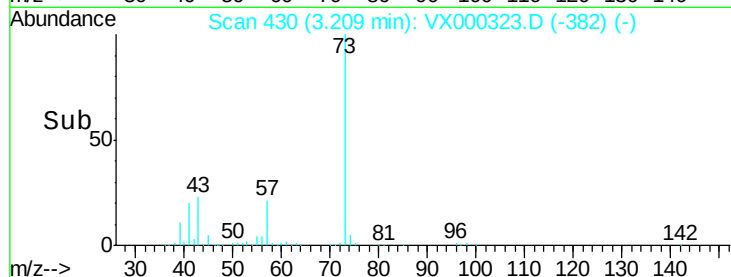
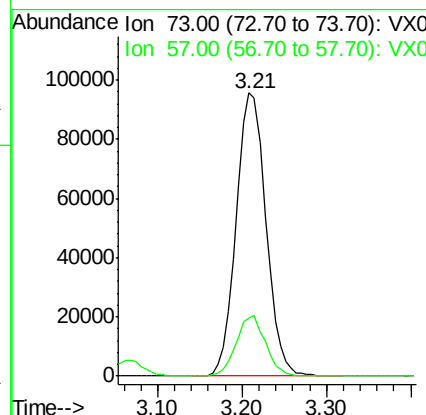
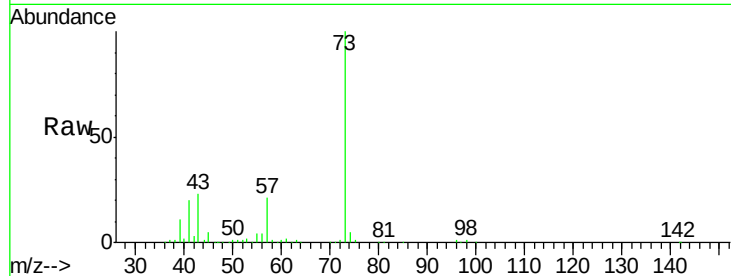
#19
Methyl tert-butyl Ether
Concen: 42.71 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCC50

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.2	25.8

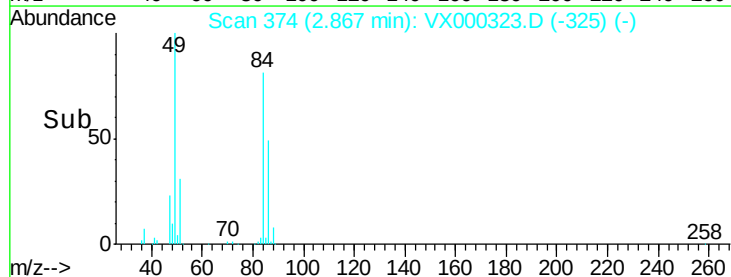
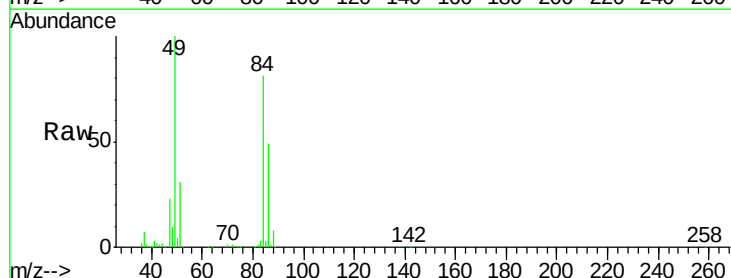
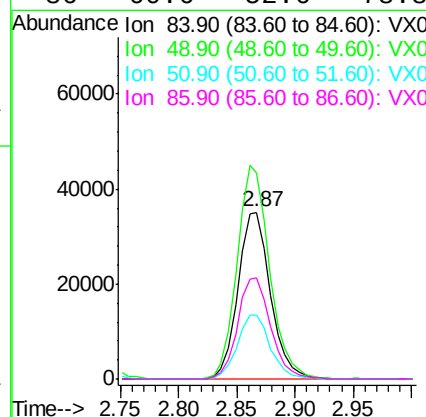
Manual Integrations
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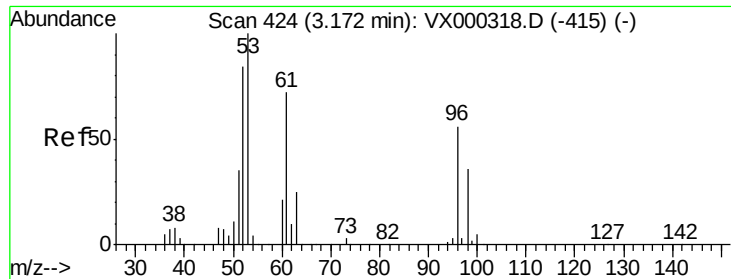
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#20
Methylene Chloride
Concen: 41.08 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.8	100.6	151.0
51	38.8	31.6	47.4
86	60.6	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 38.81 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

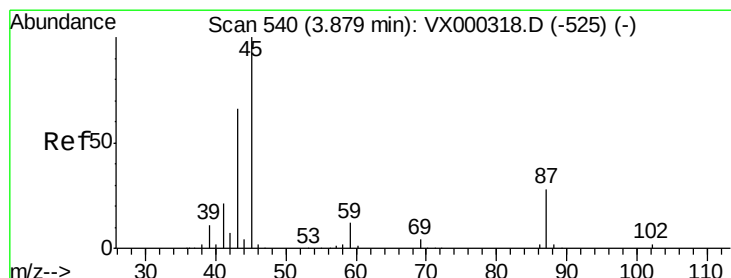
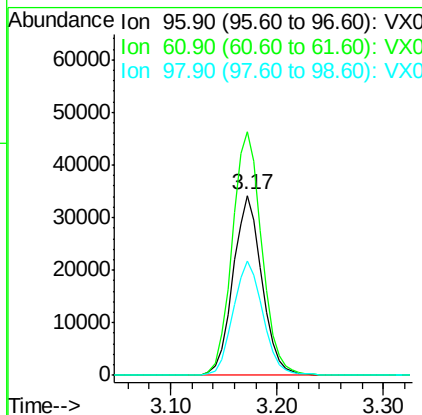
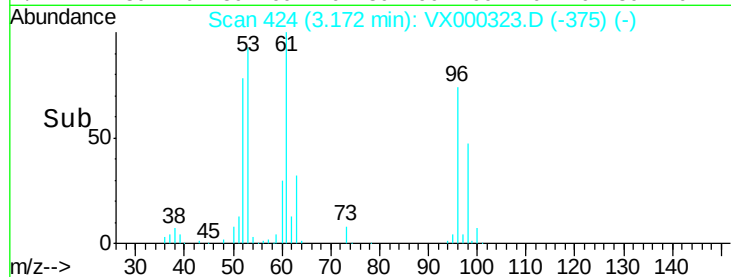
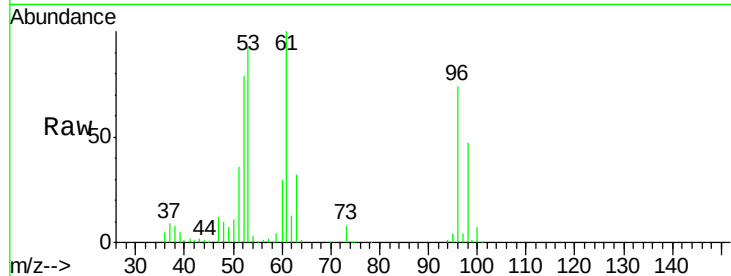
ClientSampleId :

VSTDCC50

Tot Ion:	96	Resp:	65145
Ion	Ratio	Lower	Upper
96	100		
61	135.6	104.0	156.0
98	63.6	52.1	78.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.83 ug/l

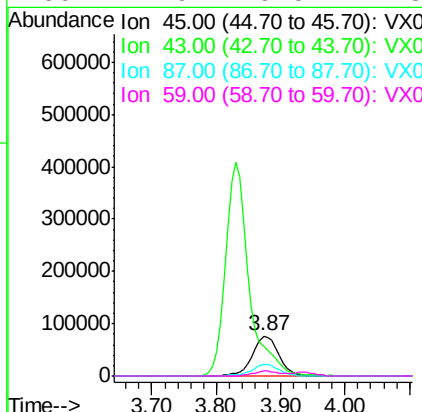
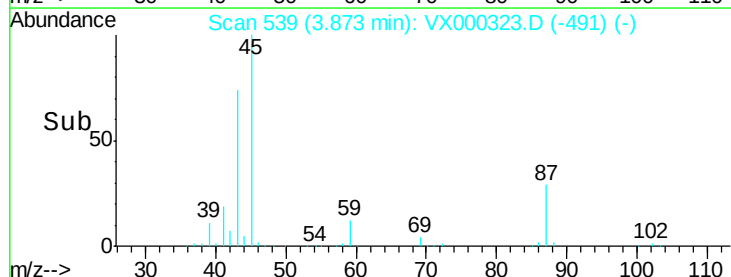
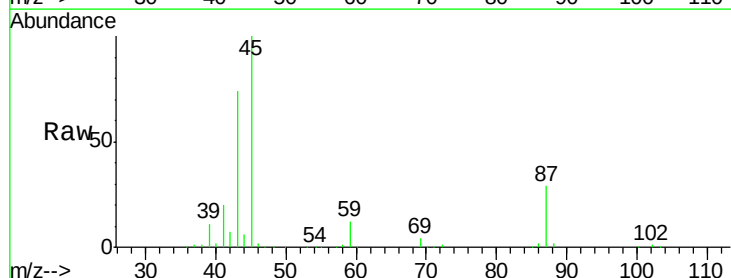
RT: 3.87 min Scan# 539

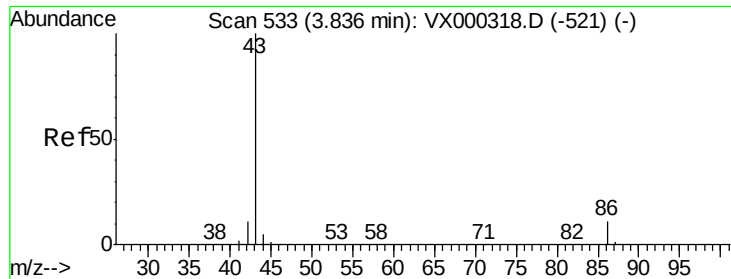
Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Tgt Ion:	45	Resp:	215550
Ion	Ratio	Lower	Upper
45	100		
43	74.3	53.9	80.9
87	28.5	22.6	34.0
59	11.9	9.5	14.3





#23

Vinyl Acetate

Concen: 244.27 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCC50

Tot Ion: 43 Resp: 1049155

Ion Ratio Lower Upper

43 100

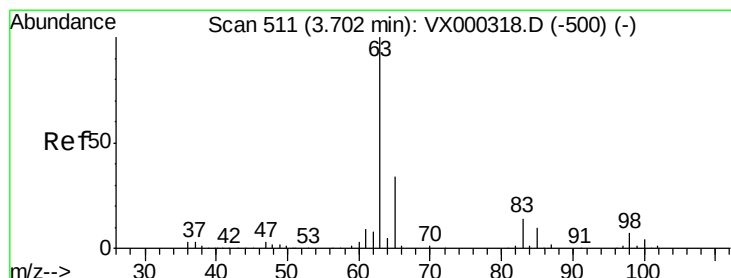
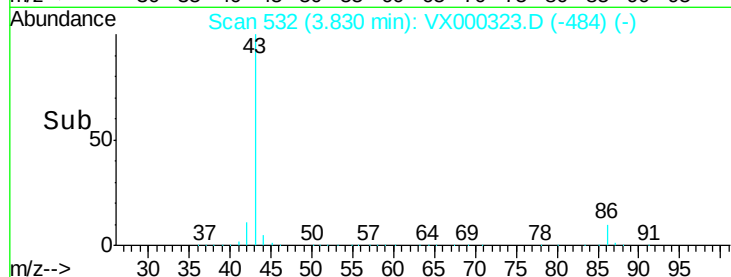
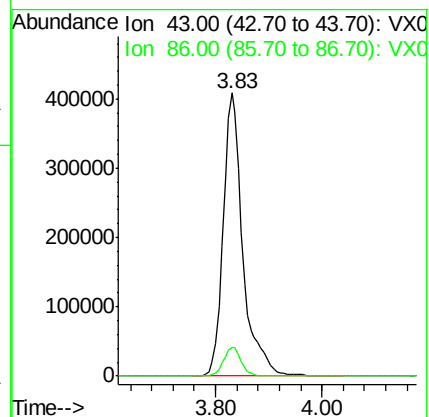
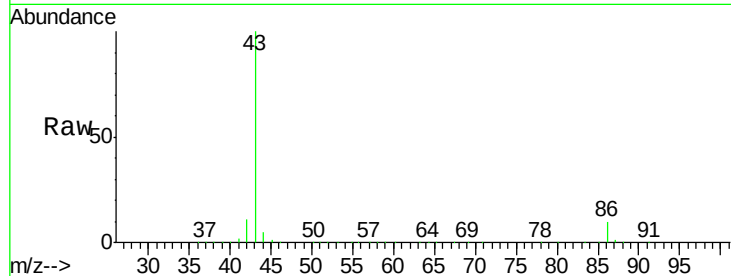
86 10.3 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 43.04 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

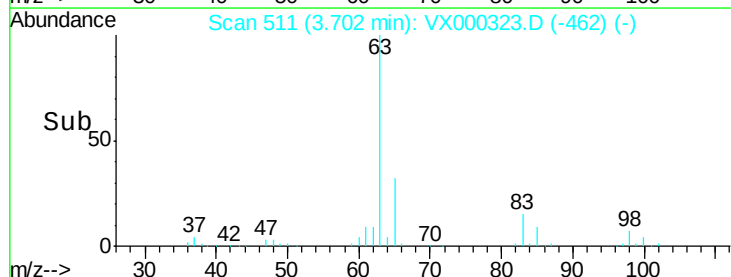
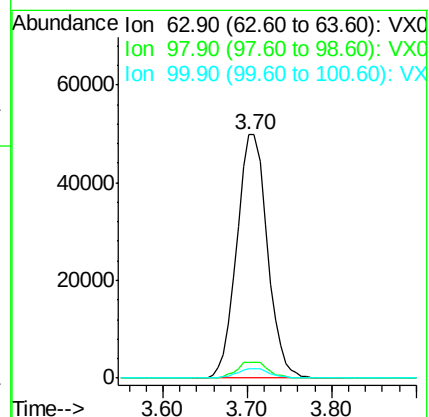
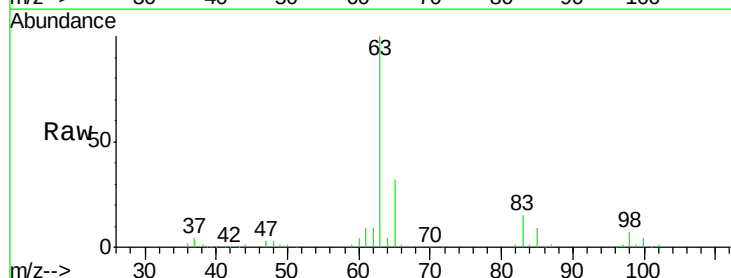
Tgt Ion: 63 Resp: 122018

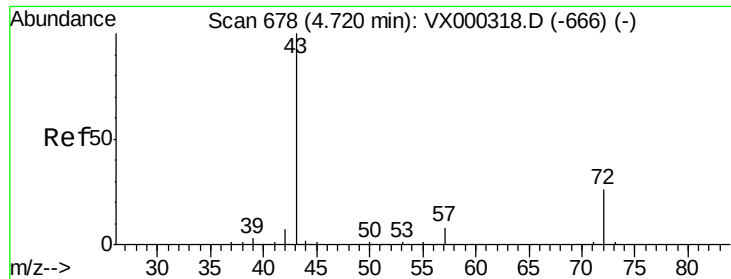
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 3.6 2.0 5.8





#25

2-Butanone

Concen: 224.59 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCC50

Tot Ion: 43 Resp: 344882

Ion Ratio Lower Upper

43 100

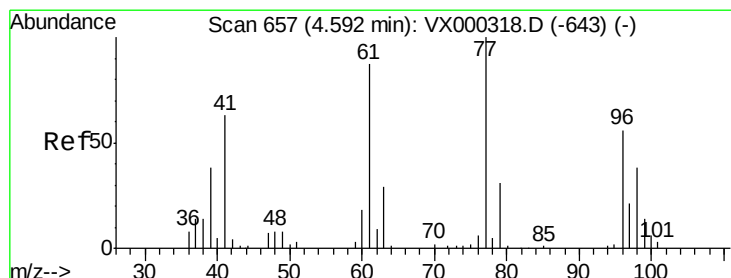
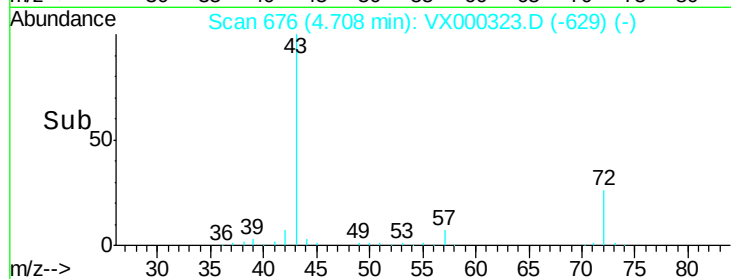
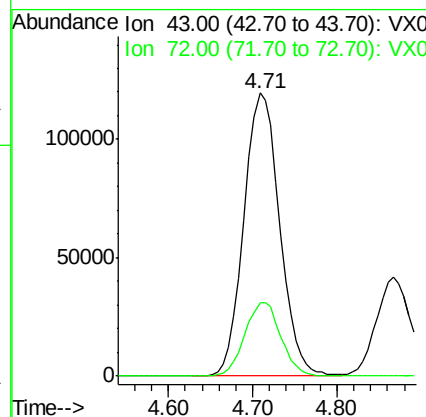
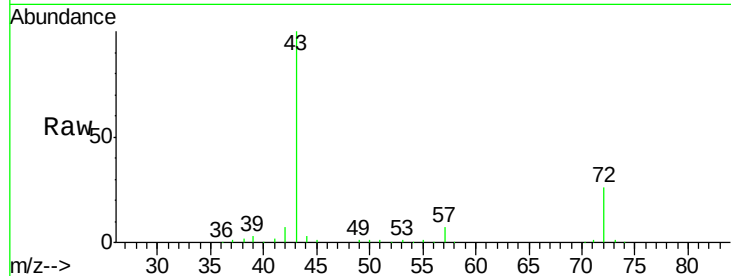
72 25.9 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.93 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000323.D

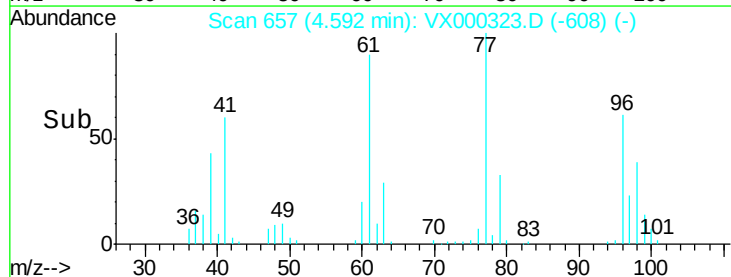
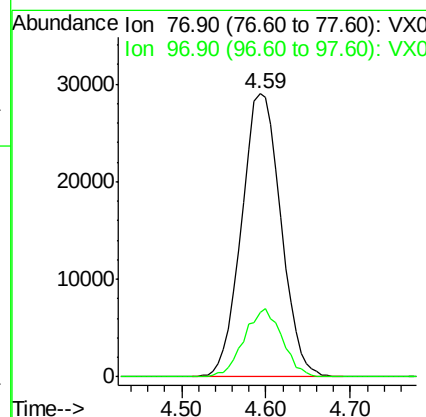
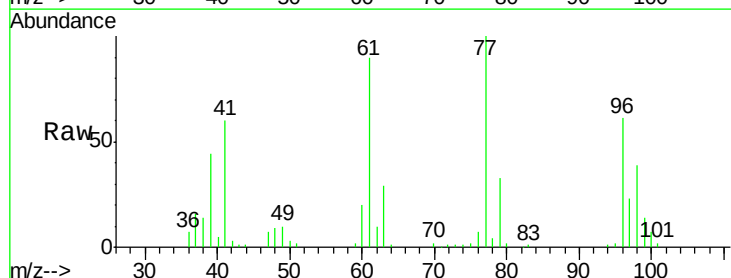
Acq: 15 Mar 2018 12:13

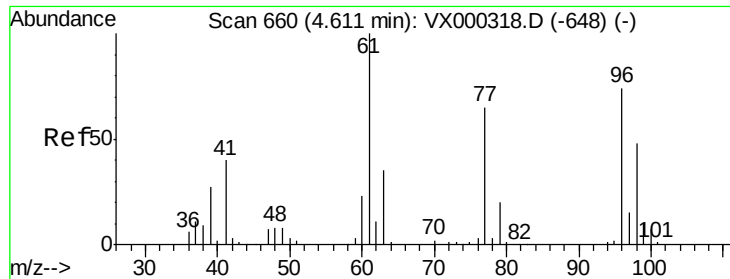
Tgt Ion: 77 Resp: 91943

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8





#27

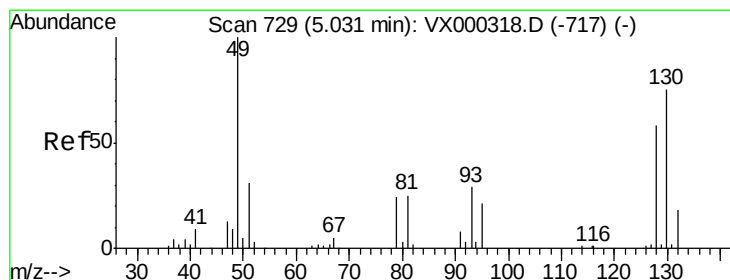
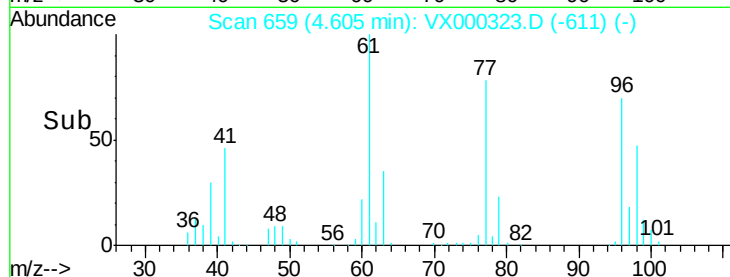
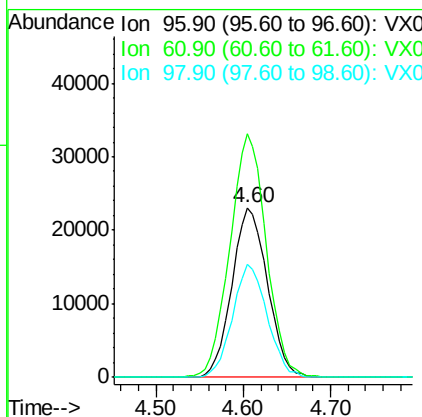
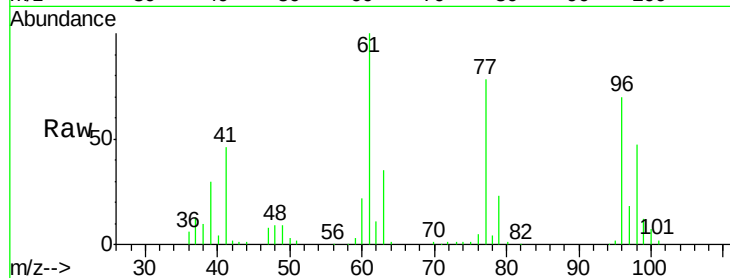
cis-1,2-Dichloroethene
Concen: 42.47 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	291.6
98	65.1	0.0	132.0

Manual Integrations
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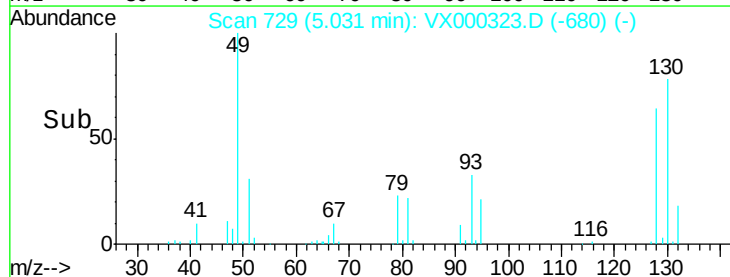
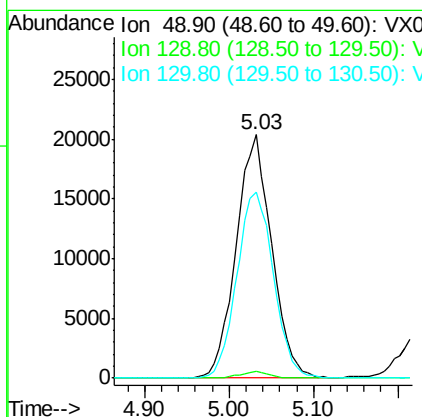
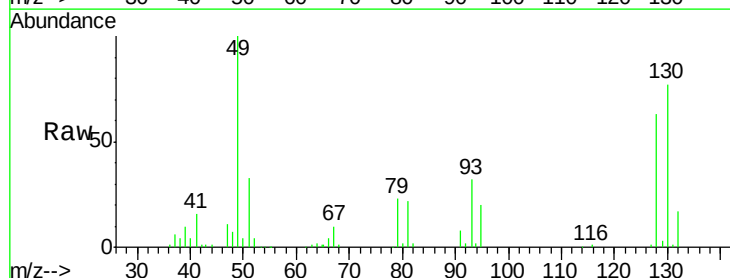
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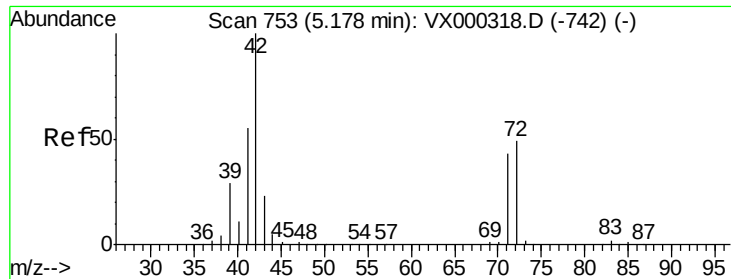


#28

Bromochloromethane
Concen: 48.80 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.0
130	78.8	64.0	96.0





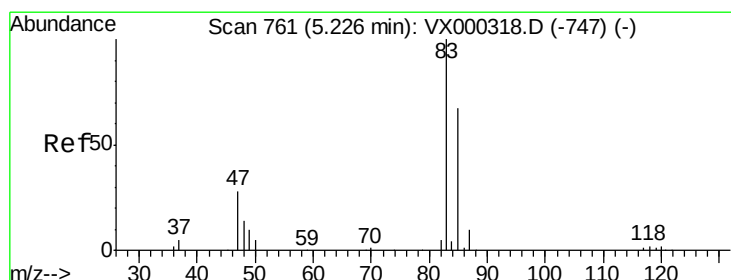
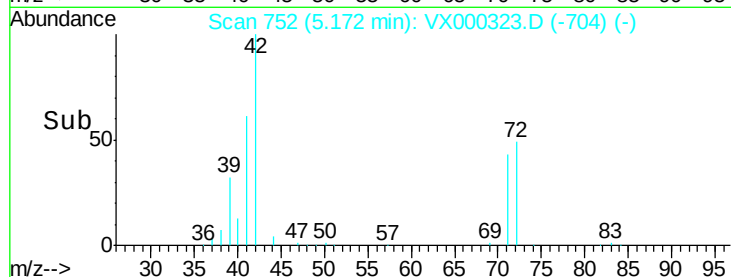
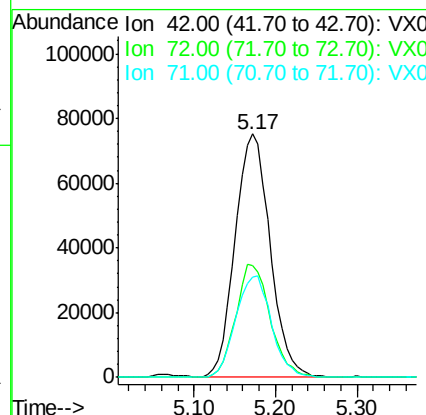
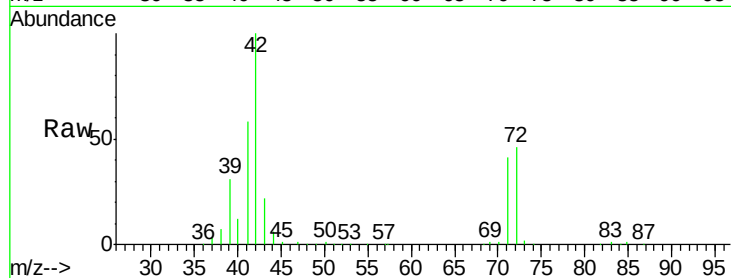
#29
Tetrahydrofuran
Concen: 225.96 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCC50

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	37.9	56.9
71	42.4	34.4	51.6

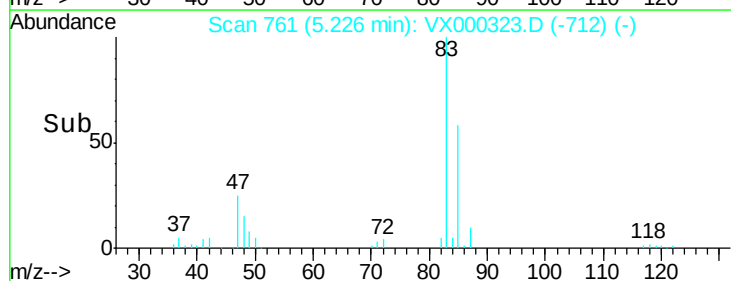
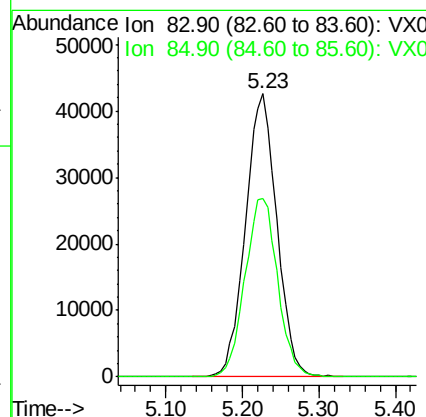
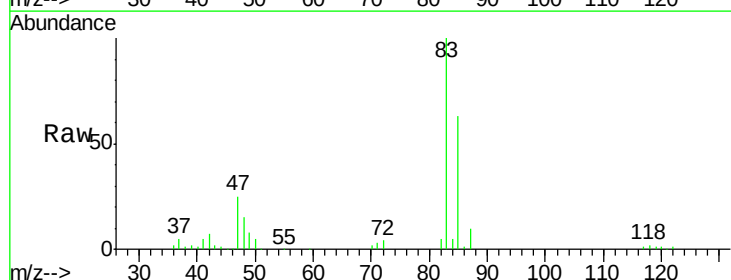
Manual Integrations
APPROVED

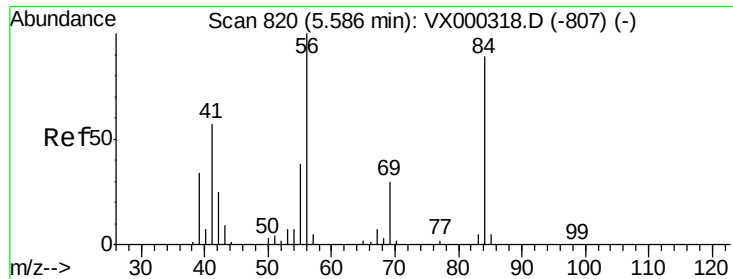
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#30
Chloroform
Concen: 45.35 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	53.3	79.9





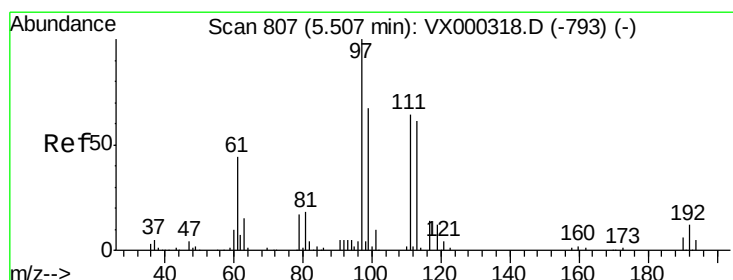
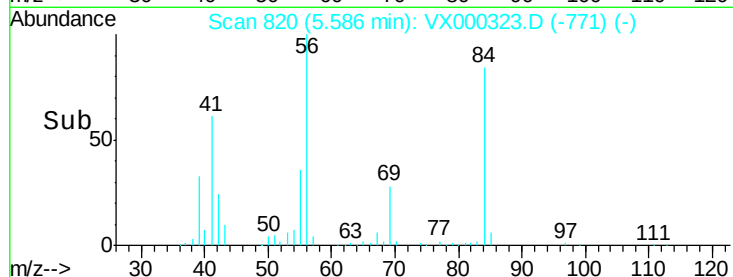
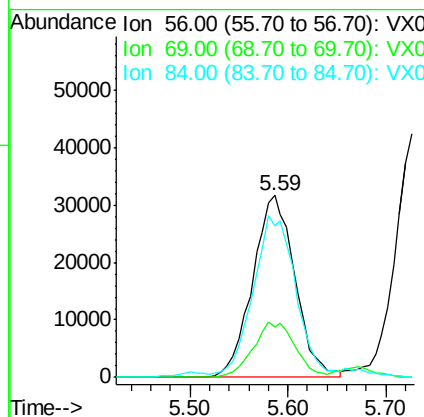
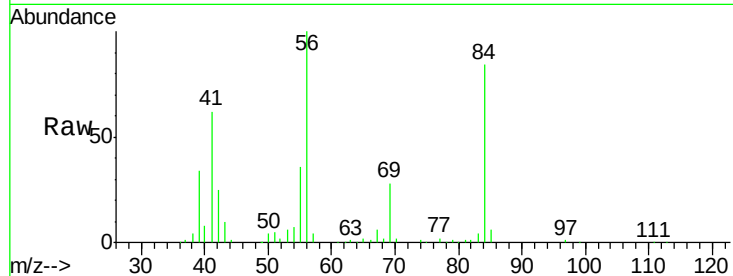
#31
Cyclohexane
Concen: 43.73 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCC50

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.8	23.4	35.0
84	80.8	71.0	106.4

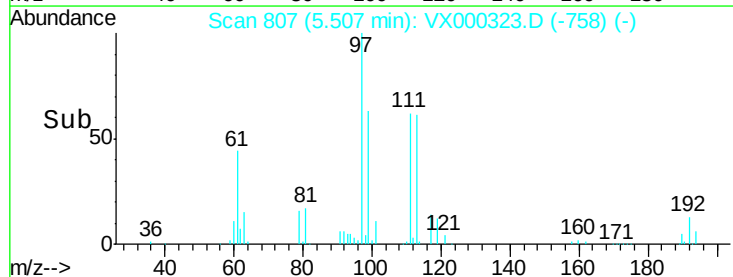
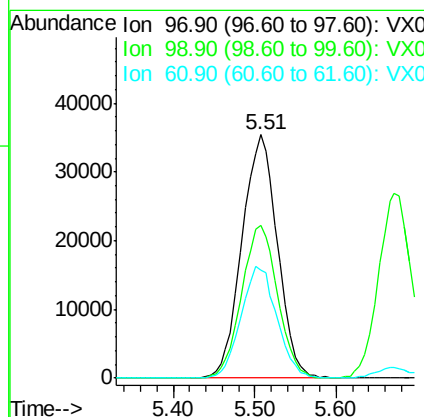
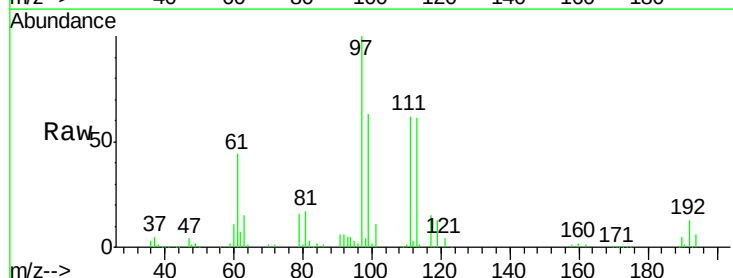
Manual Integrations
APPROVED

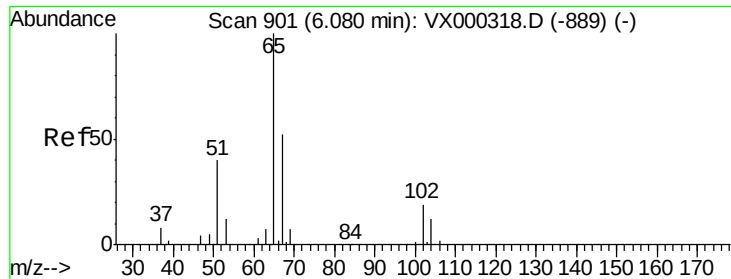
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#32
1,1,1-Trichloroethane
Concen: 45.25 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

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





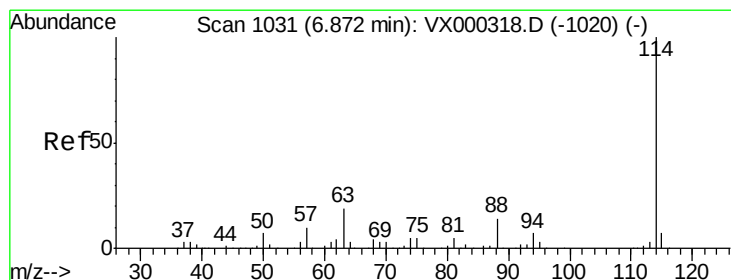
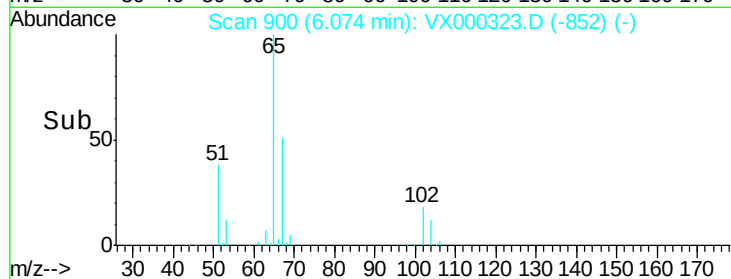
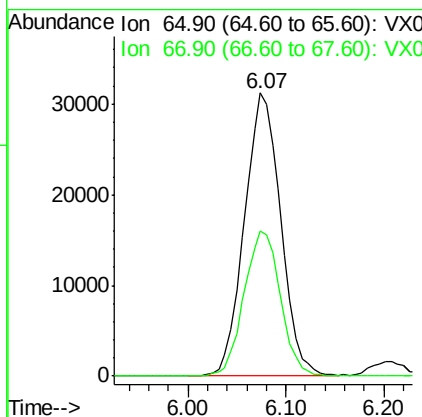
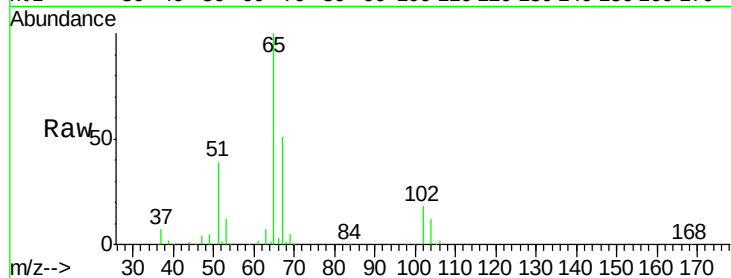
#33
 1,2-Dichloroethane-d4
 Concen: 41.92 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCC50

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.2

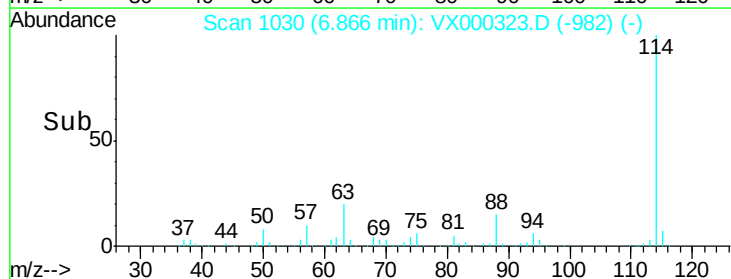
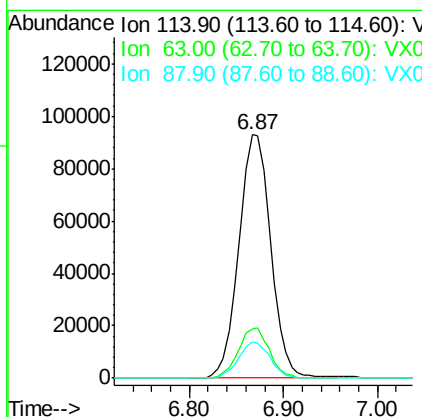
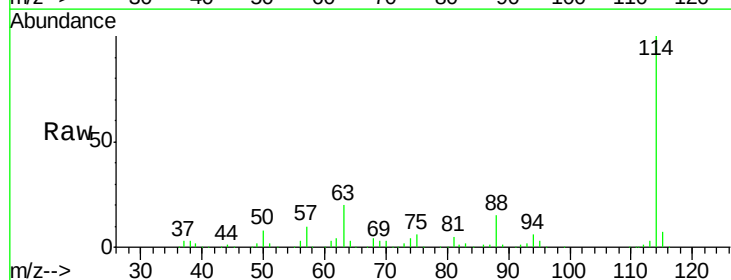
Manual Integrations
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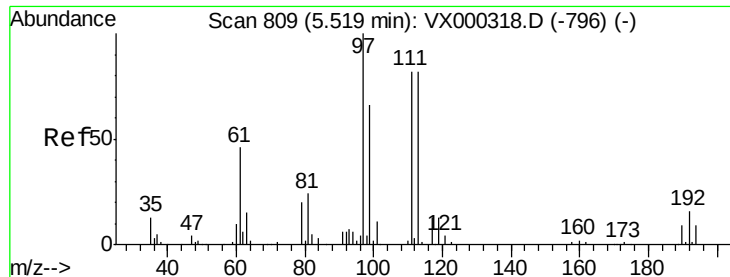
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.4
88	14.7	0.0	27.0





#35

Dibromofluoromethane

Concen: 45.60 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

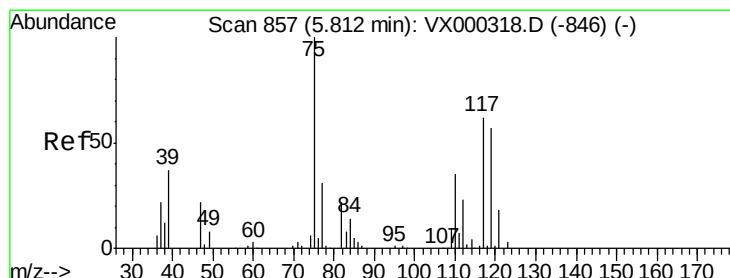
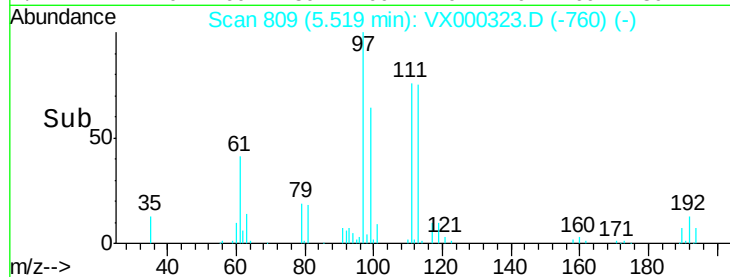
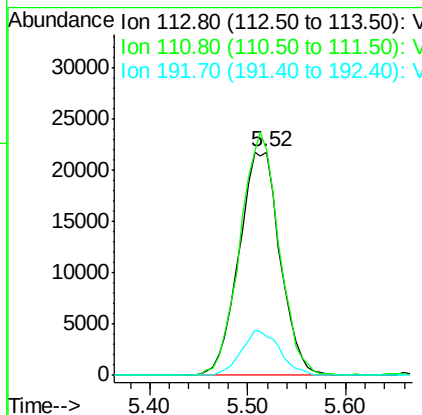
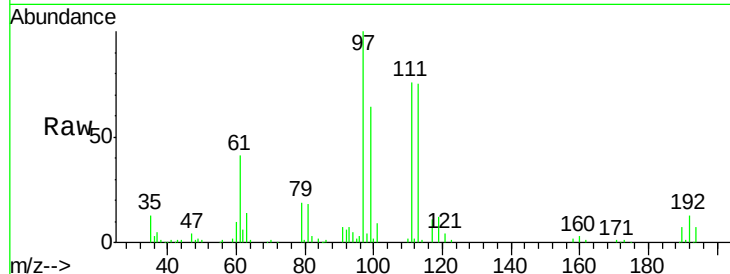
ClientSampled :

VSTDCC50

Tot Ion:	113	Resp:	63552
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	19.0	15.8	23.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 44.96 ug/l

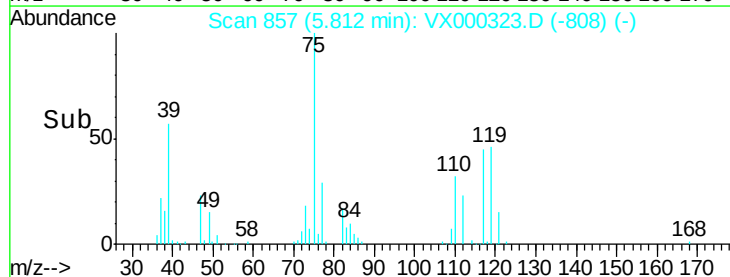
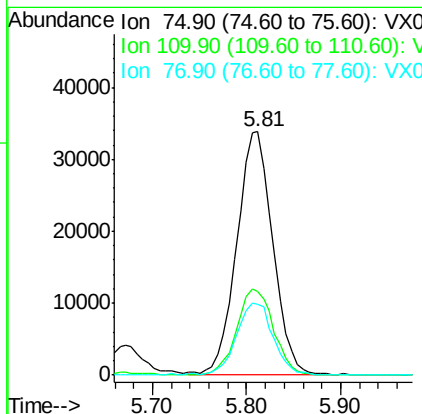
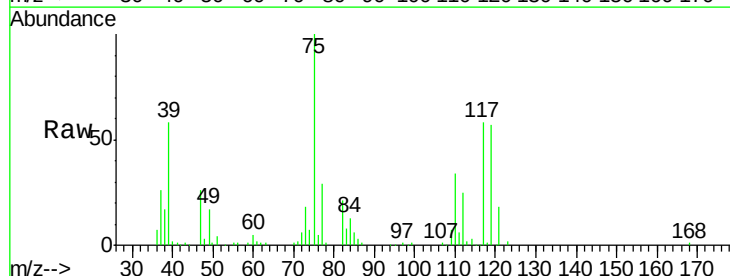
RT: 5.81 min Scan# 857

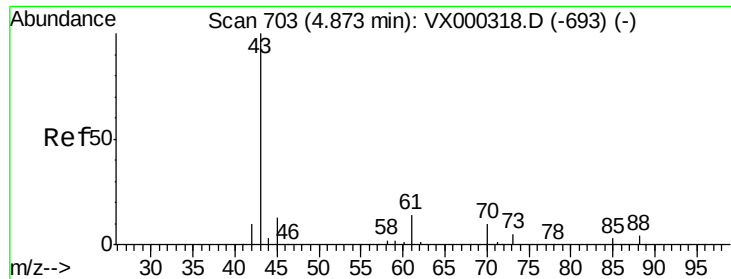
Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Tgt Ion:	75	Resp:	90253
Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.9	53.7
77	30.6	24.0	36.0





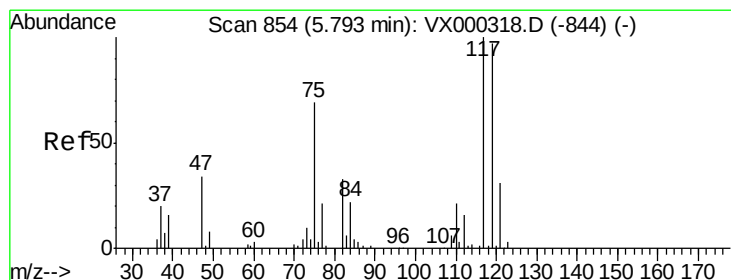
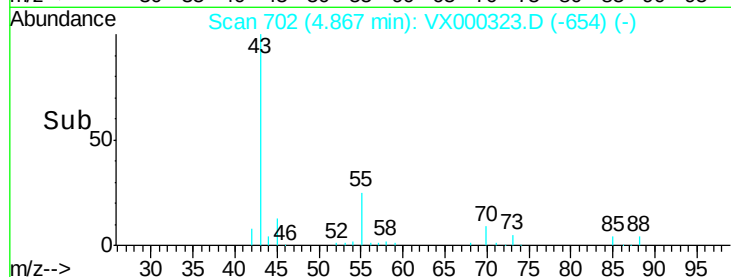
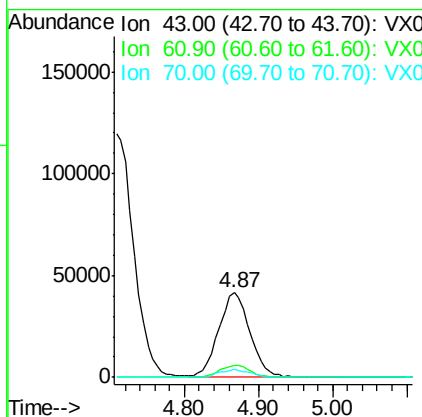
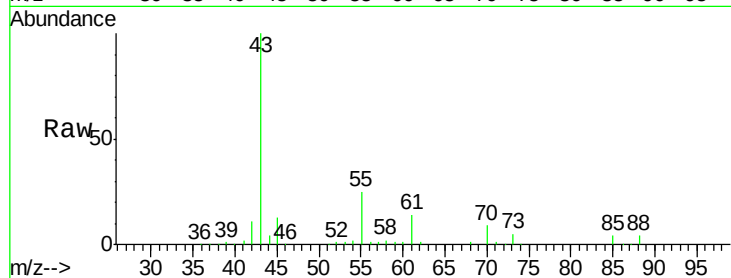
#37
Ethyl Acetate
Concen: 45.60 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	9.3	7.7	11.5

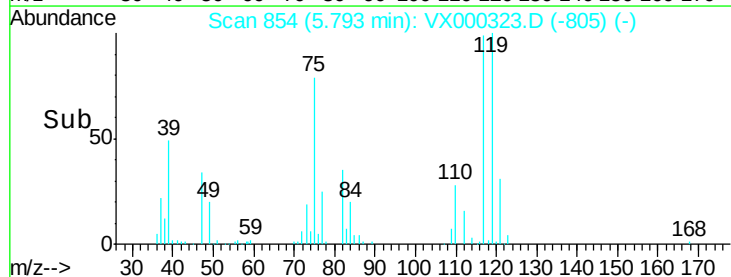
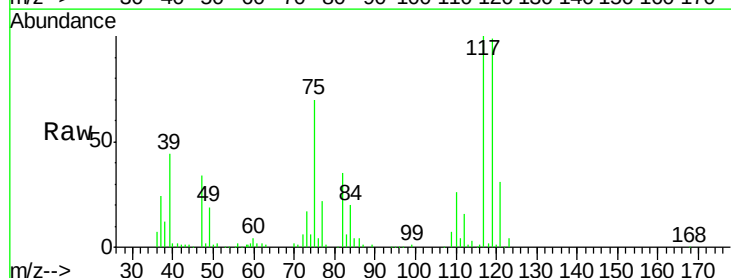
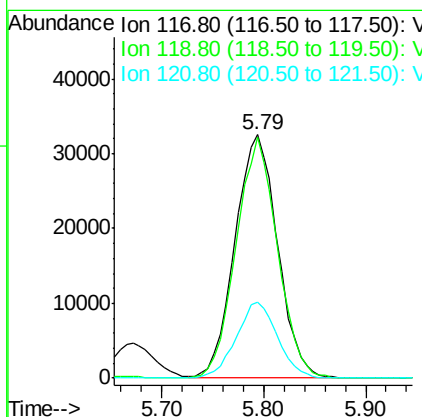
Manual Integrations
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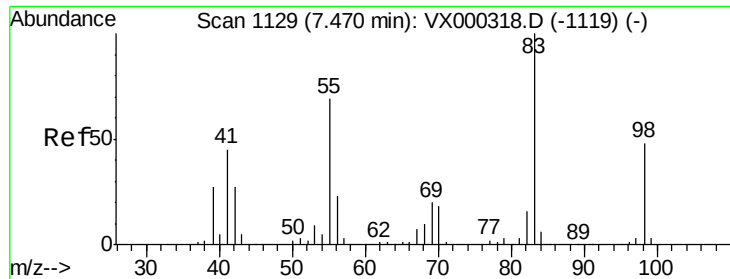
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#38
Carbon Tetrachloride
Concen: 46.66 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	77.4	116.2
121	31.3	24.8	37.2





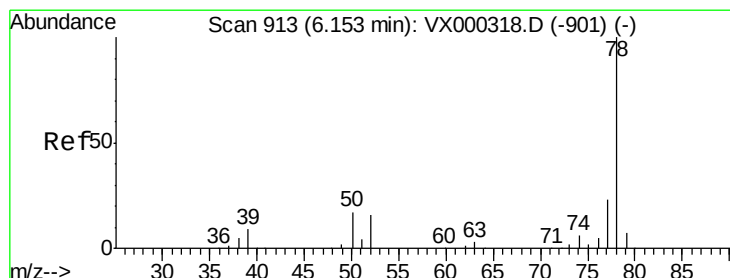
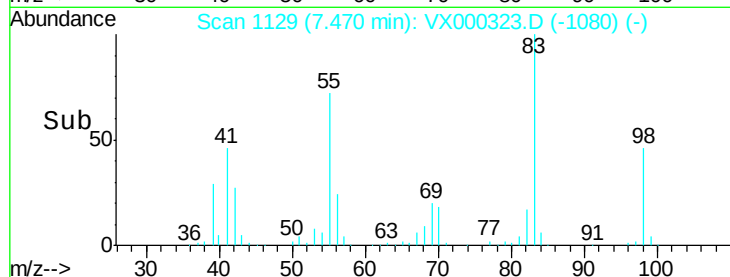
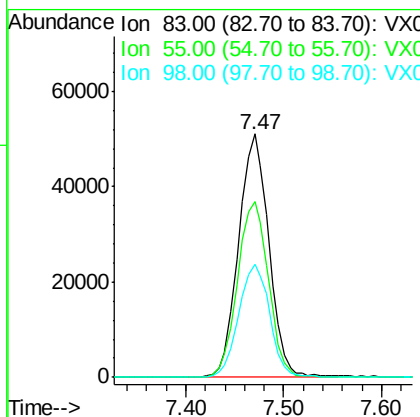
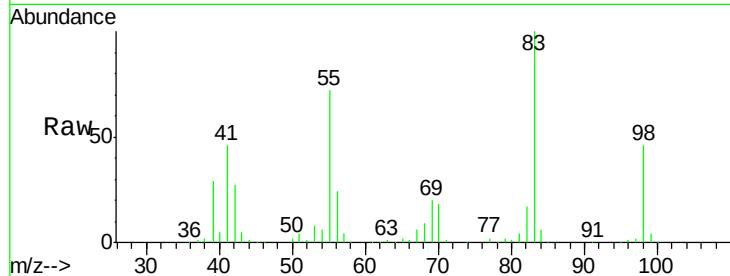
#39
Methylvlcyclohexane
Concen: 46.91 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

Tot Ion	83	Resp	109823
Ion Ratio	Lower	Upper	
83	100		
55	72.1	55.5	83.3
98	46.4	38.2	57.4

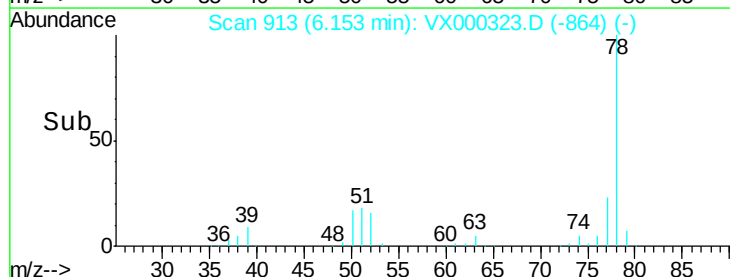
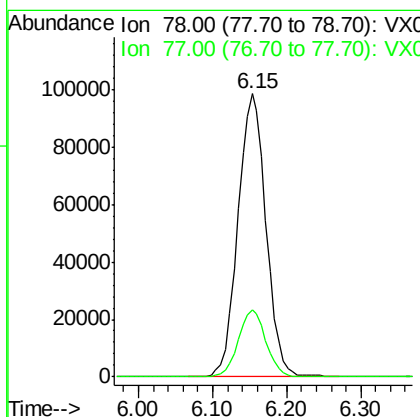
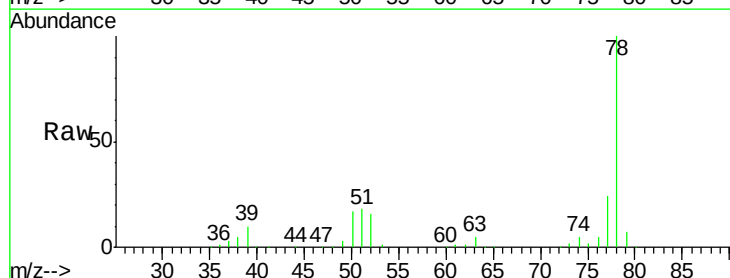
Manual Integrations
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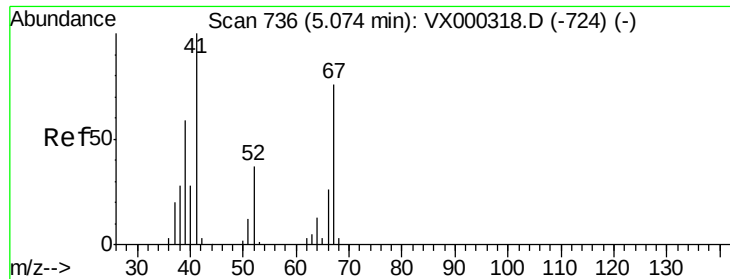
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#40
Benzene
Concen: 45.55 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion	78	Resp	259390
Ion Ratio	Lower	Upper	
78	100		
77	23.7	18.7	28.1





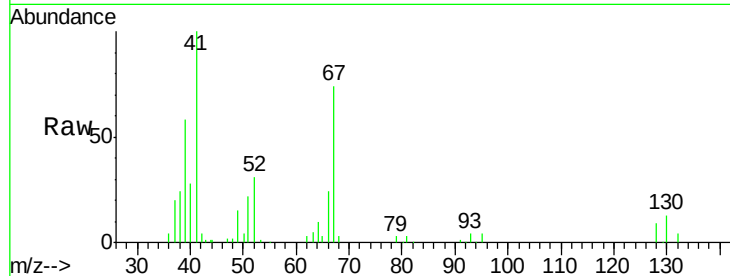
#41
Methacrylonitrile
Concen: 45.77 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

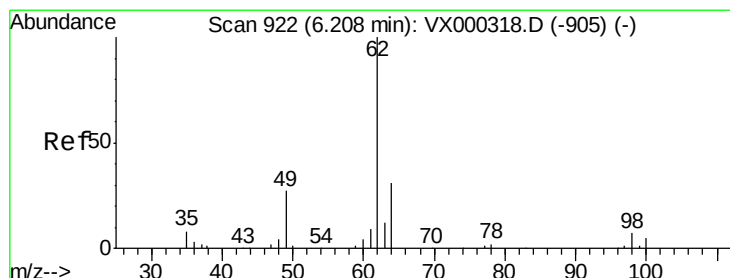
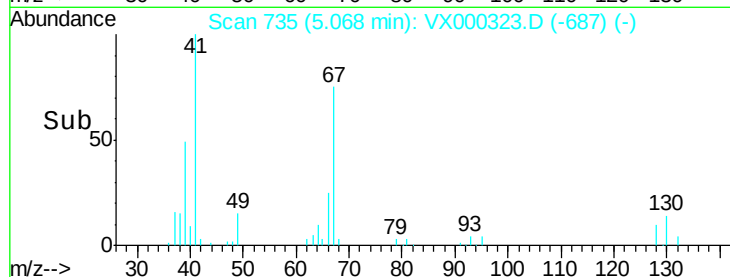
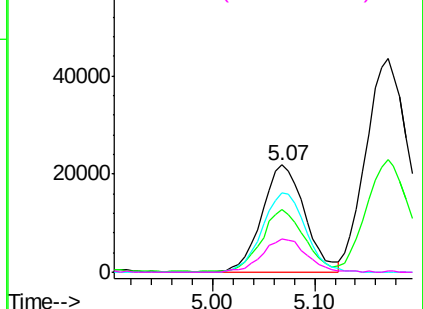
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	45.7	68.5	
67	74.3	57.8	86.8	
52	32.4	26.7	40.1	

Manual Integrations
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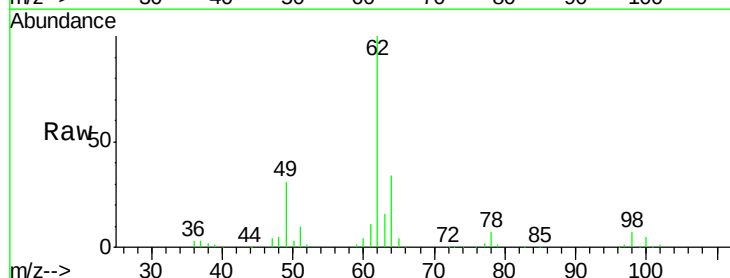


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

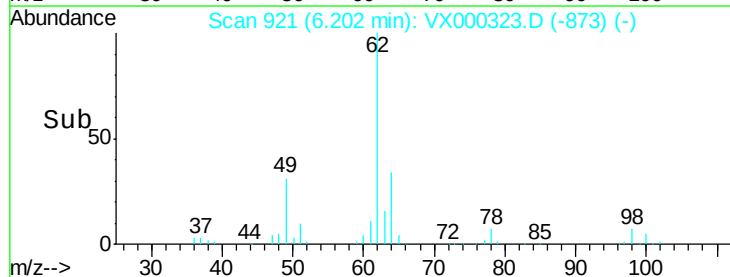
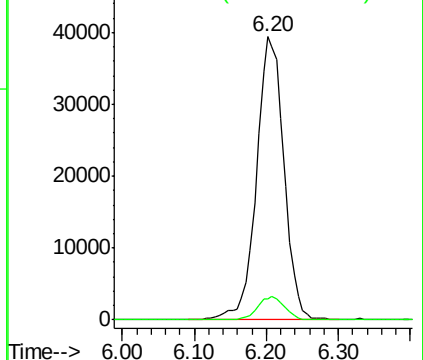


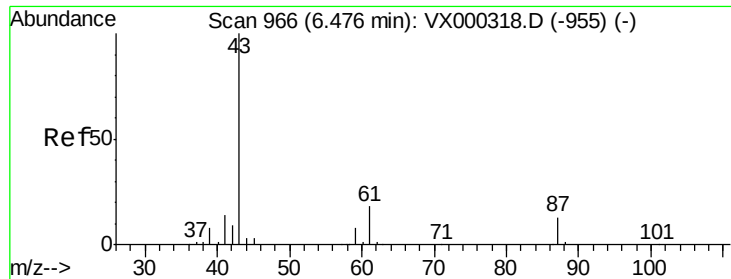
#42
1,2-Dichloroethane
Concen: 46.16 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	15.8	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.12 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

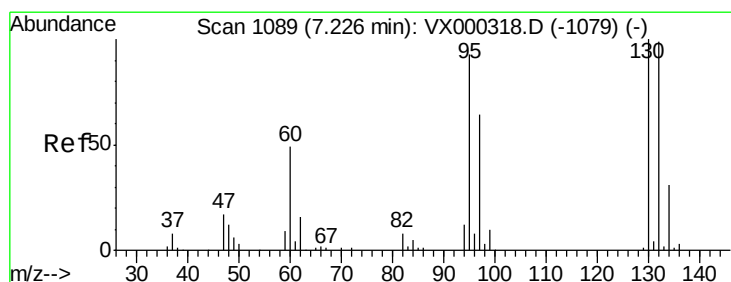
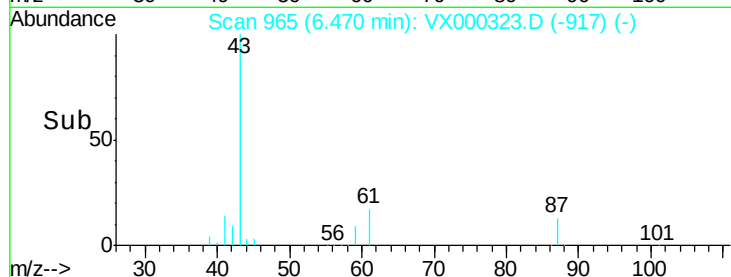
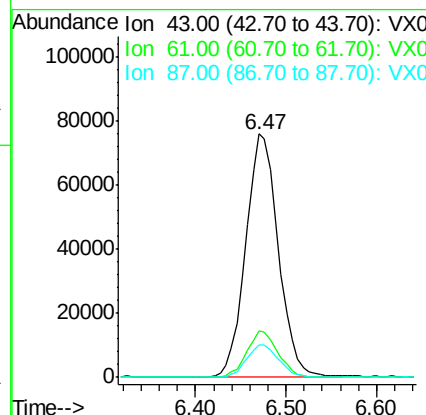
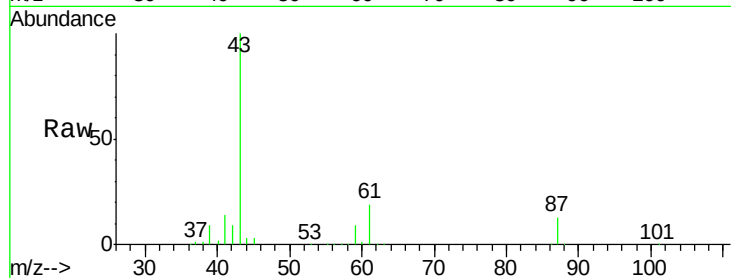
ClientSampleId :

VSTDCC50

Tot Ion:	43	Resp:	189123
Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.4	21.6
87	13.3	11.0	16.4

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#44

Trichloroethene

Concen: 45.67 ug/l

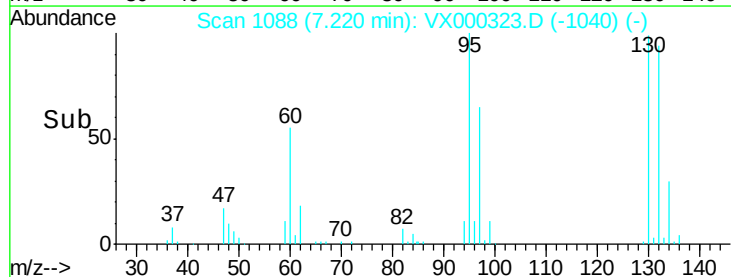
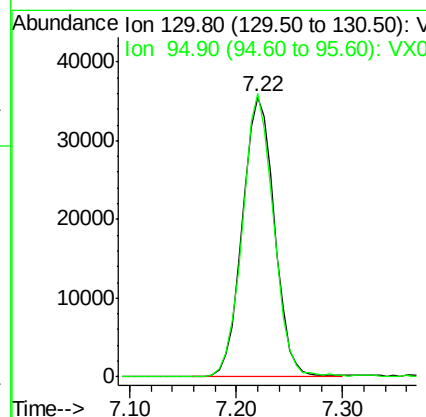
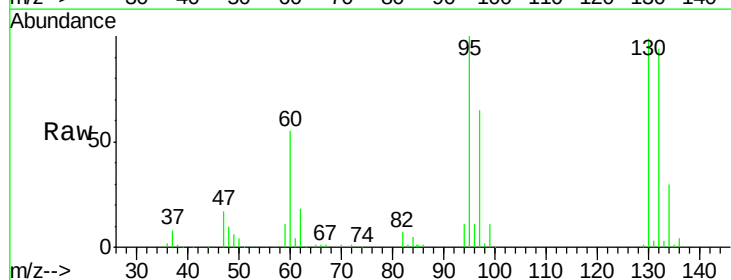
RT: 7.22 min Scan# 1088

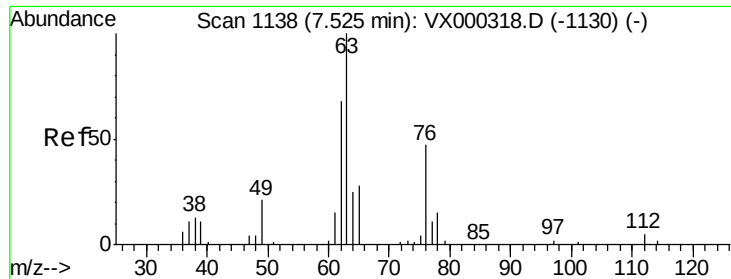
Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Tgt Ion:	130	Resp:	75365
Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	186.0





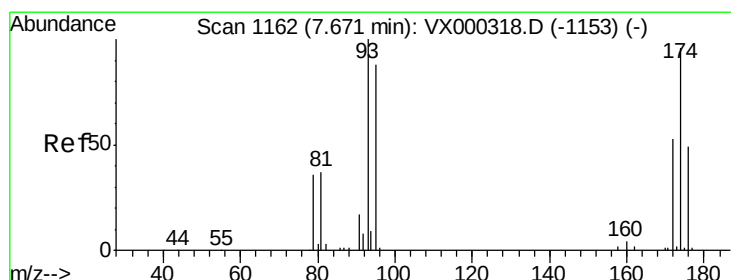
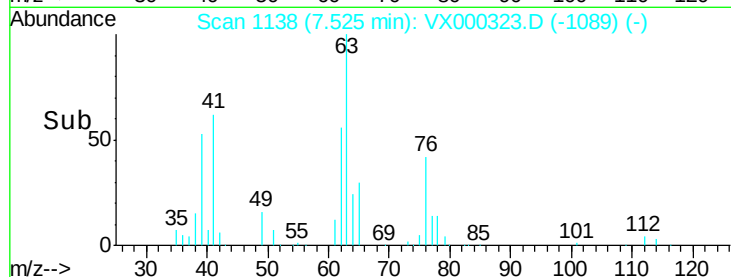
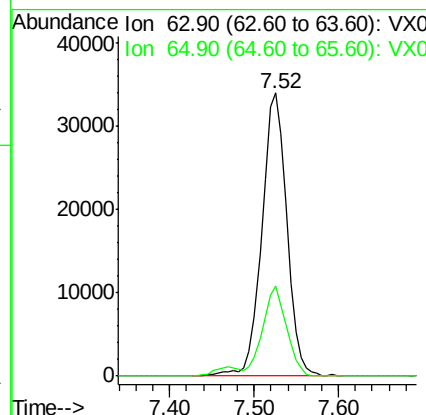
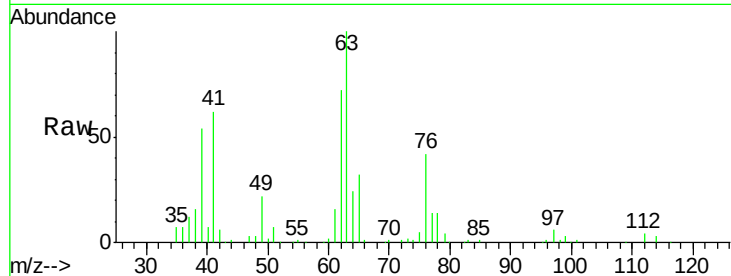
#45
 1,2-Dichloropropane
 Concen: 49.27 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCC50

Tot Ion: 63 Resp: 69200
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.6 36.8

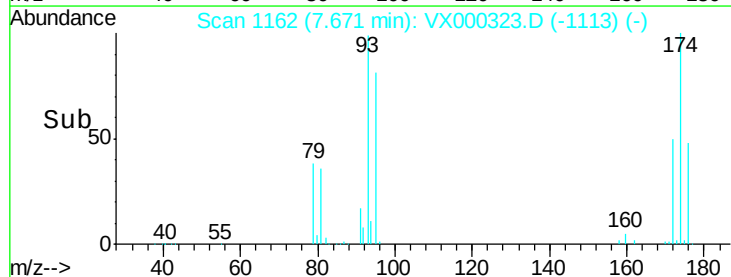
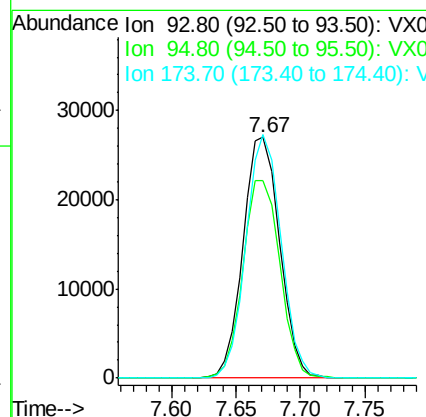
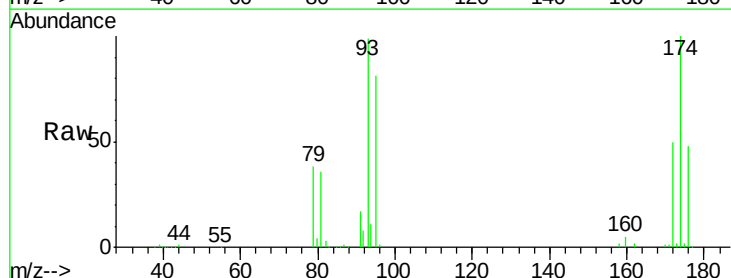
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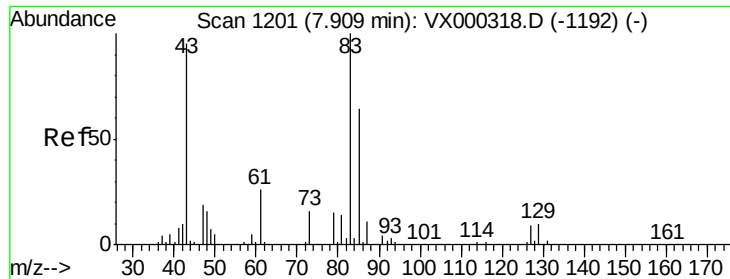
apatel
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#46
 Dibromomethane
 Concen: 47.25 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Tgt Ion: 93 Resp: 53308
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.5 99.7
 174 96.8 76.0 114.0





#47

Bromodichloromethane

Concen: 49.68 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

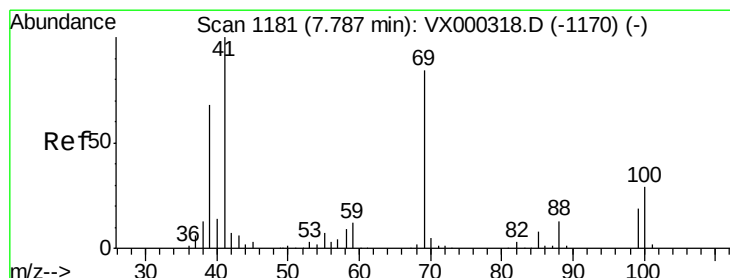
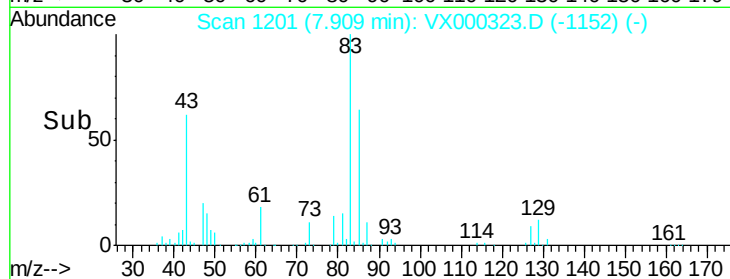
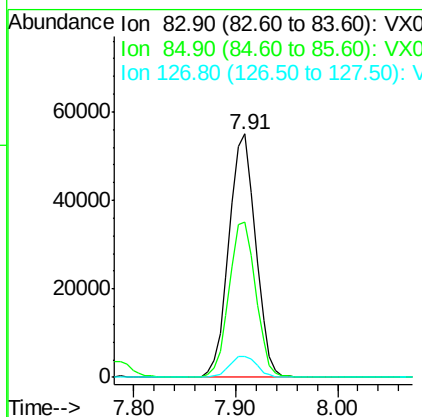
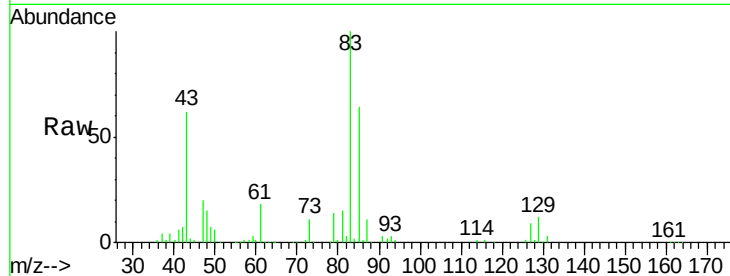
ClientSampleId :

VSTDCC50

Tot Ion:	83	Resp:	99487
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.4	77.0
127	8.5	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.32 ug/l

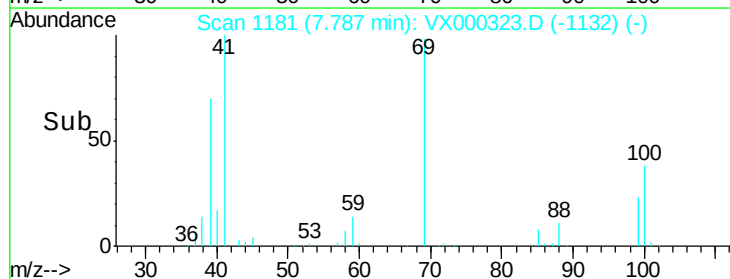
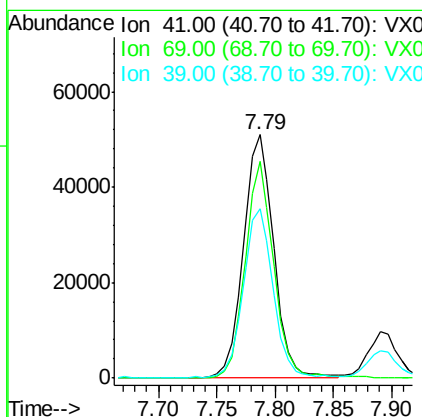
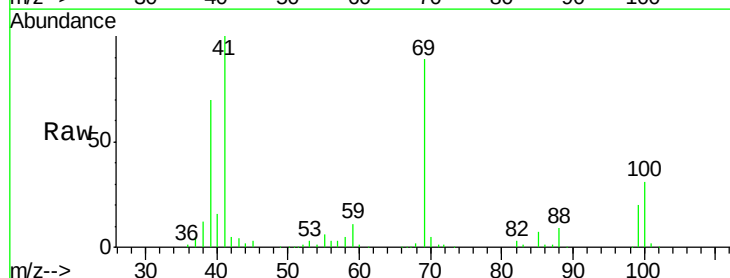
RT: 7.79 min Scan# 1181

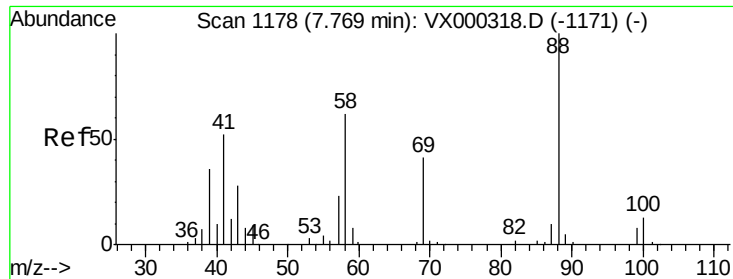
Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Tgt Ion:	41	Resp:	92125
Ion	Ratio	Lower	Upper
41	100		
69	84.5	68.2	102.4
39	68.0	54.6	81.8





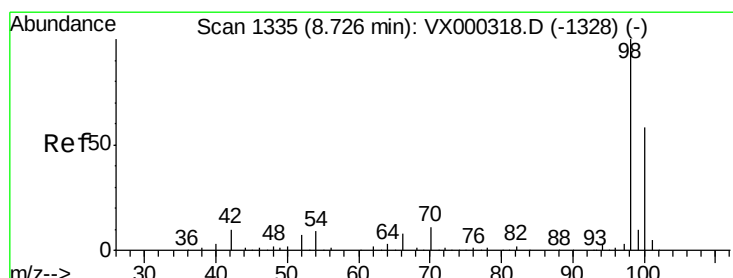
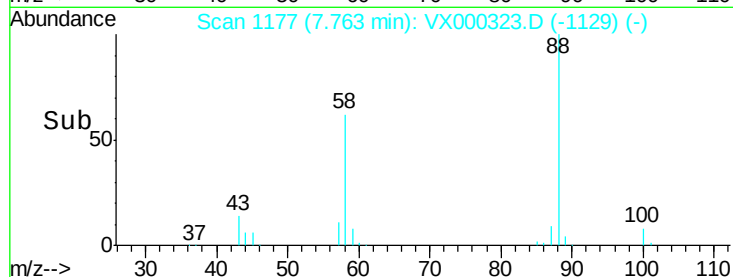
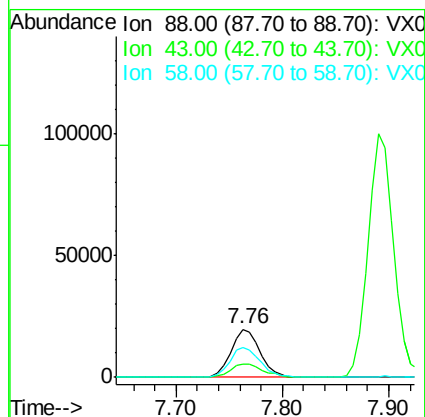
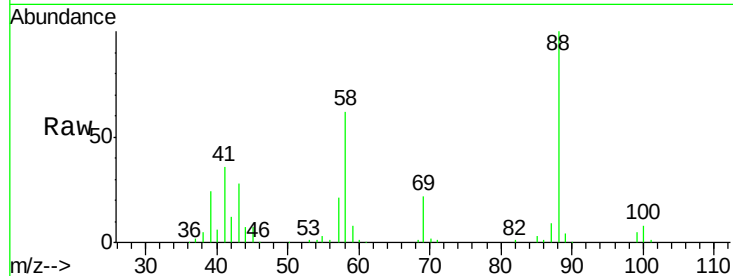
#49
1,4-Dioxane
Concen: 862.81 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCC50

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	26.8	40.2
58	63.8	52.2	78.2

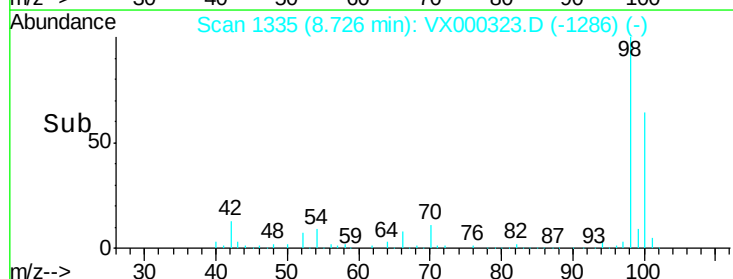
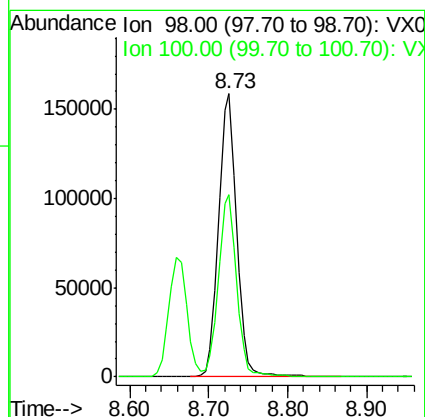
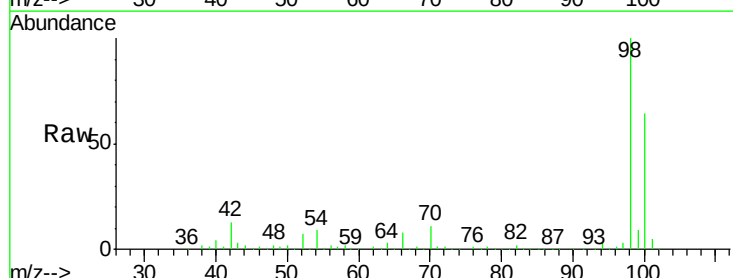
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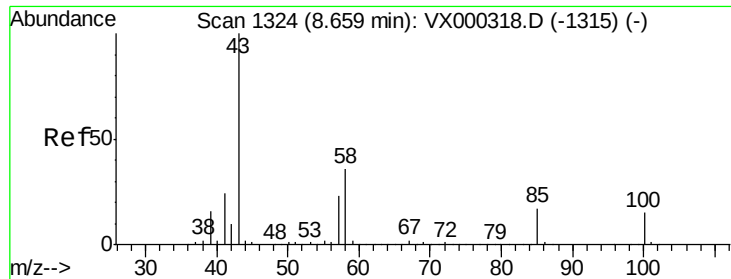
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#50
Toluene-d8
Concen: 43.83 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 241.52 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampled :

VSTDCC50

Tot Ion: 43 Resp: 722154

Ion Ratio Lower Upper

43 100

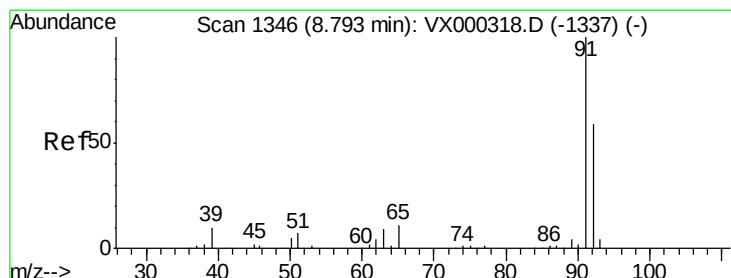
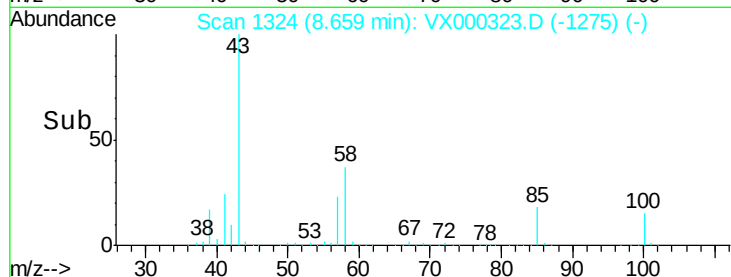
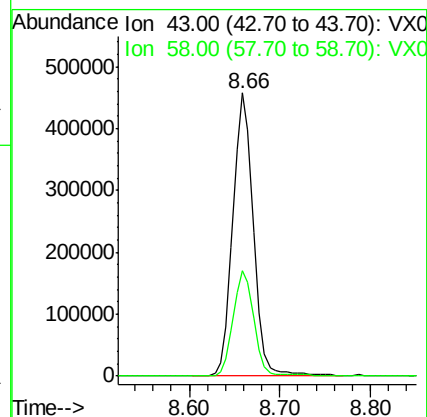
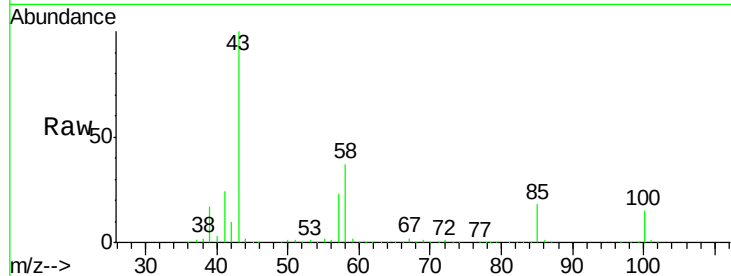
58 36.8 30.3 45.5

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#52

Toluene

Concen: 45.16 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000323.D

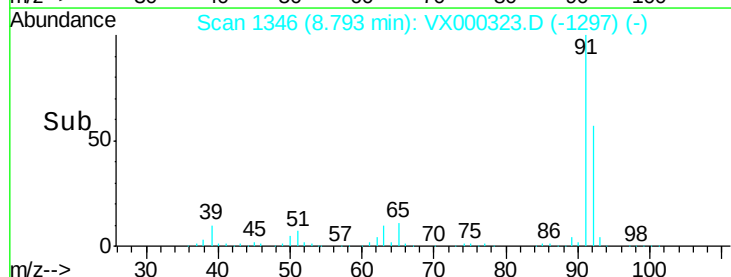
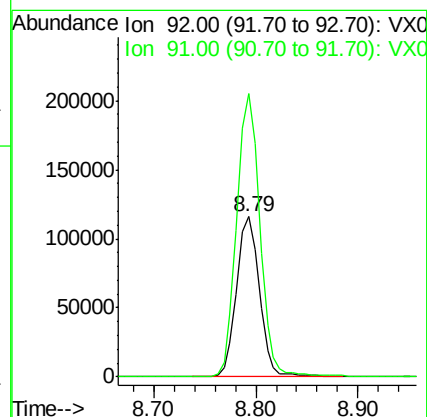
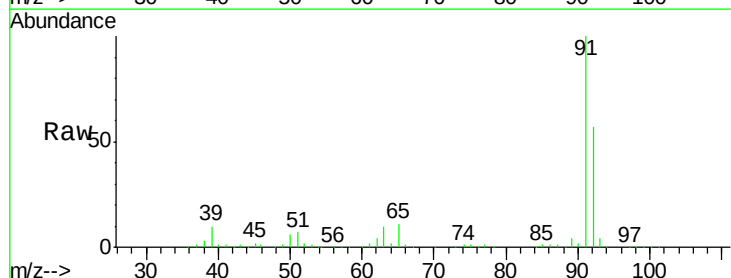
Acq: 15 Mar 2018 12:13

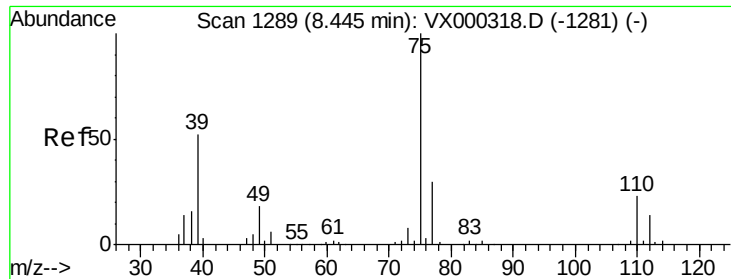
Tgt Ion: 92 Resp: 180667

Ion Ratio Lower Upper

92 100

91 179.4 140.2 210.2





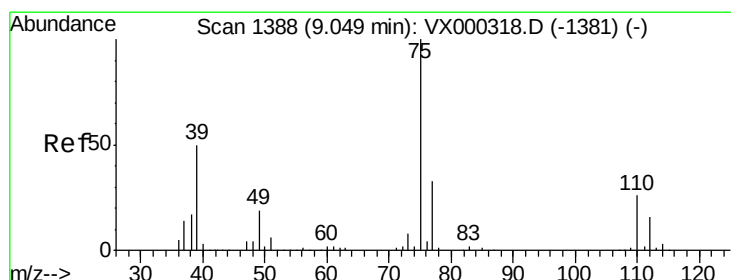
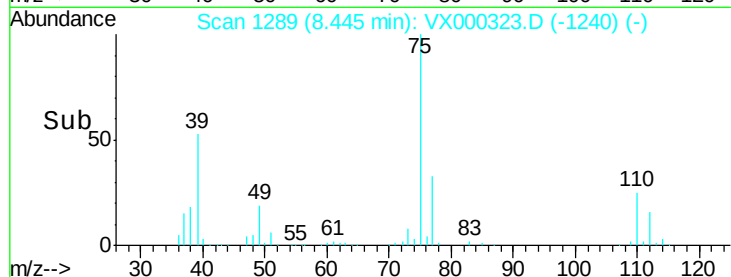
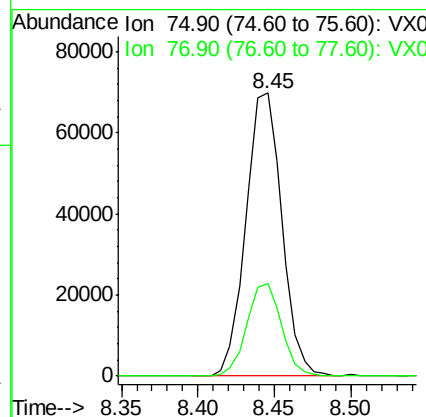
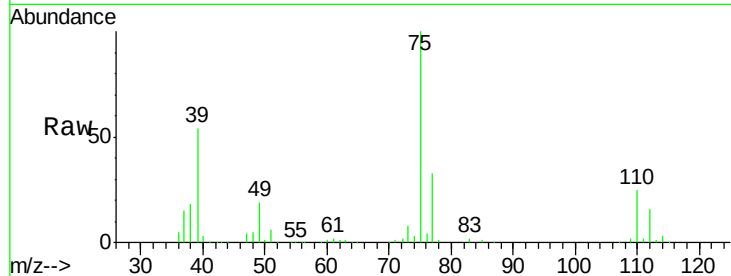
#53
t-1,3-Dichloropropene
Concen: 49.45 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

Tot Ion: 75 Resp: 114286
Ion Ratio Lower Upper
75 100
77 32.7 24.0 36.0

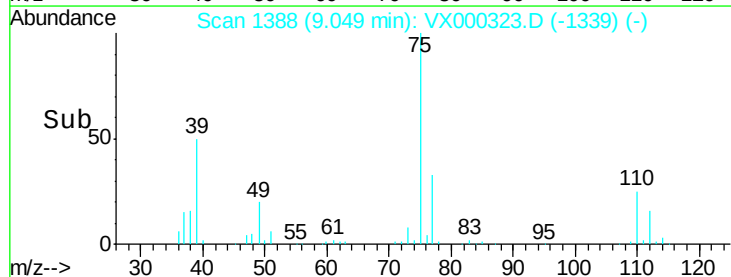
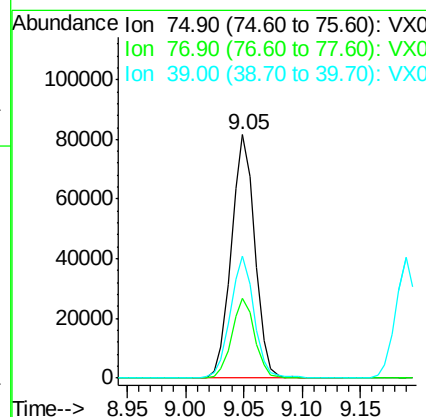
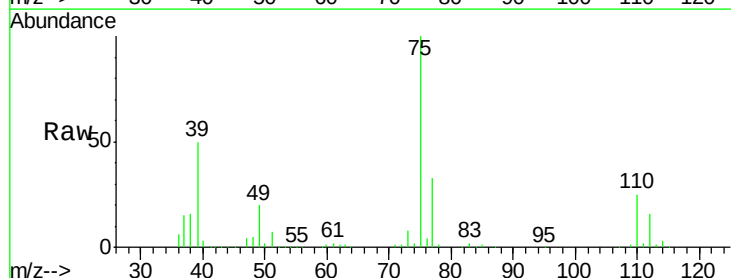
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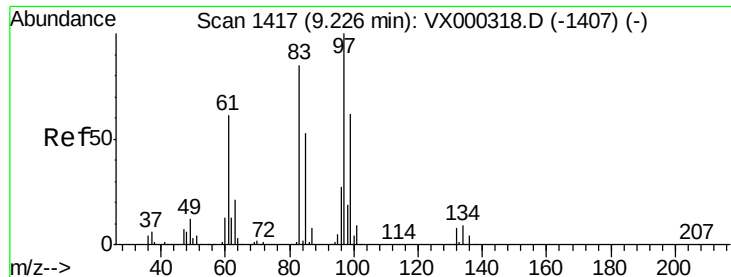
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#54
cis-1,3-Dichloropropene
Concen: 50.56 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion: 75 Resp: 114285
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
39 50.1 39.8 59.6





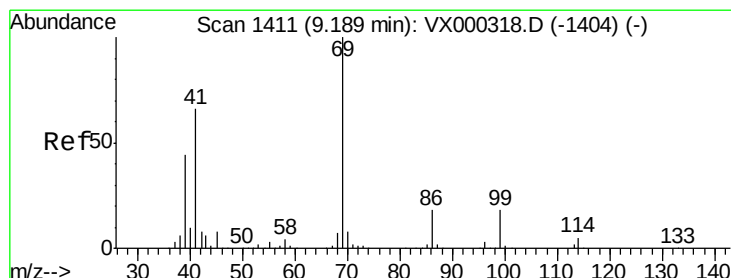
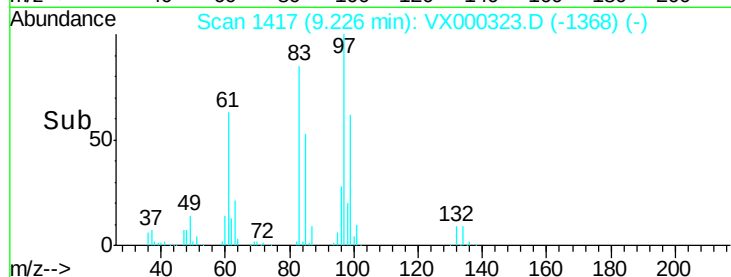
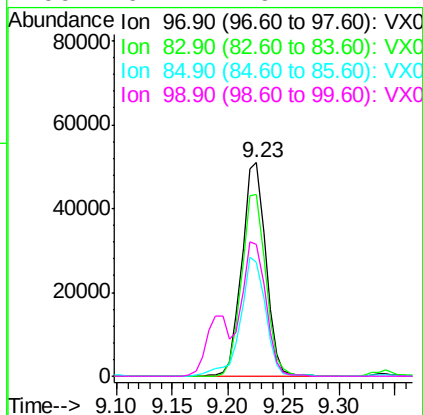
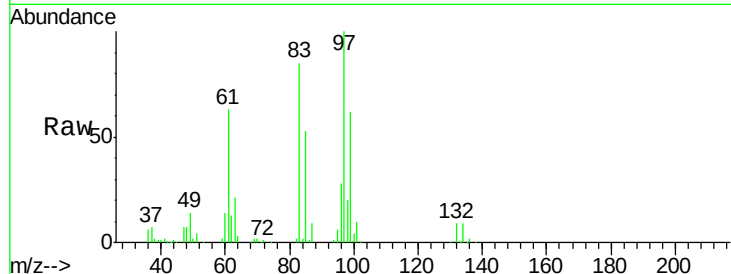
#55
 1,1,2-Trichloroethane
 Concen: 47.51 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCC50

Tot Ion:	97	Resp:	76260
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.9	101.9
85	52.9	42.8	64.2
99	61.7	49.4	74.2

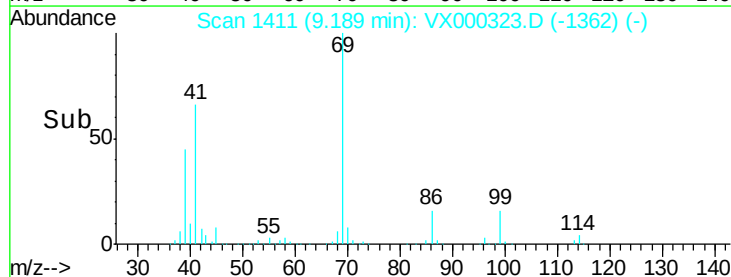
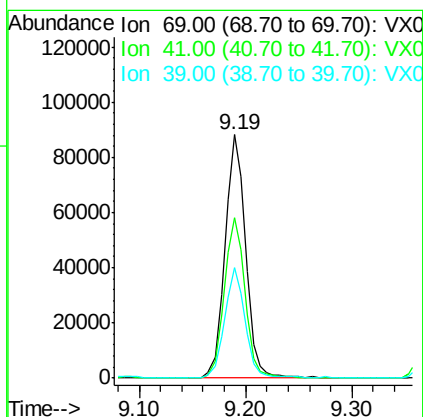
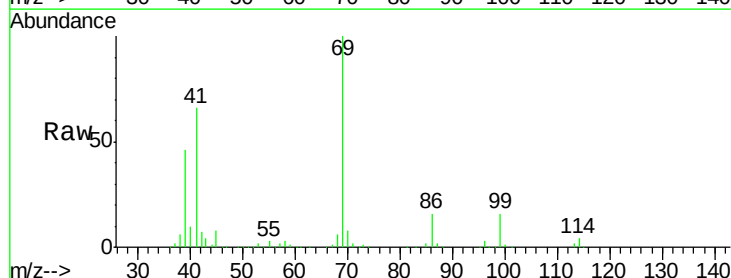
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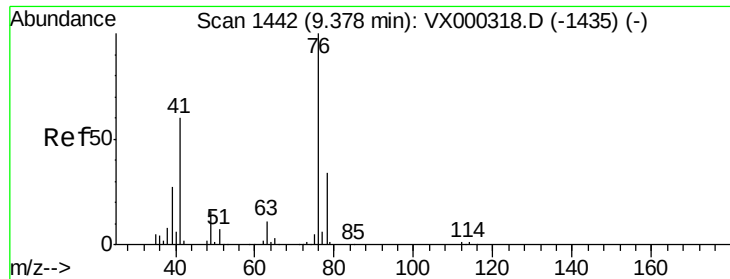
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#56
 Ethyl methacrylate
 Concen: 50.56 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Tgt Ion:	69	Resp:	120162
Ion	Ratio	Lower	Upper
69	100		
41	66.8	53.0	79.6
39	44.3	35.3	52.9





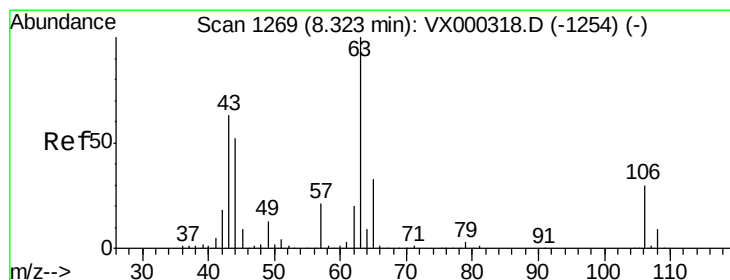
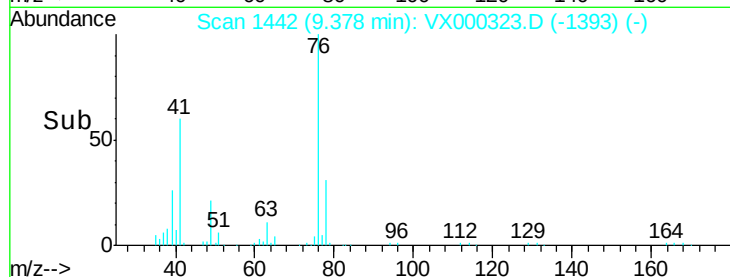
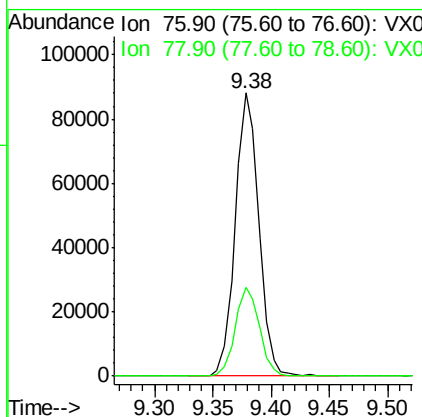
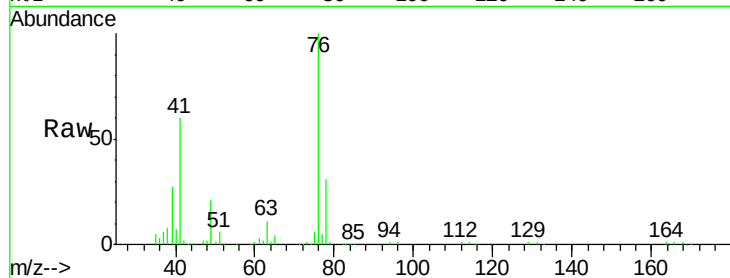
#57
 1,3-Dichloropropane
 Concen: 47.99 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCC50

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.4	39.6

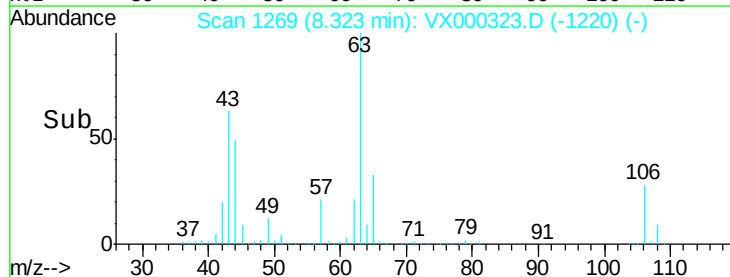
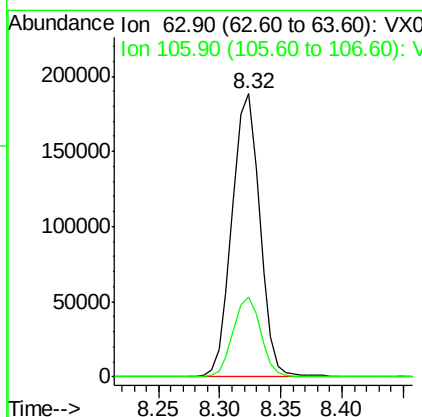
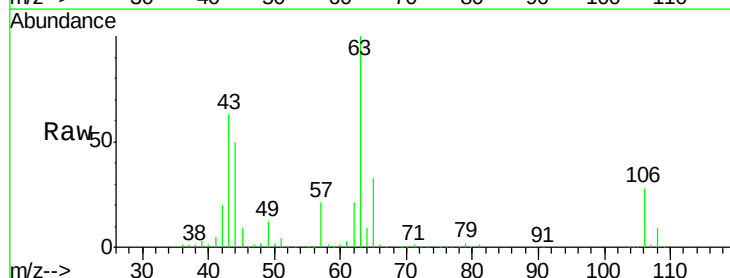
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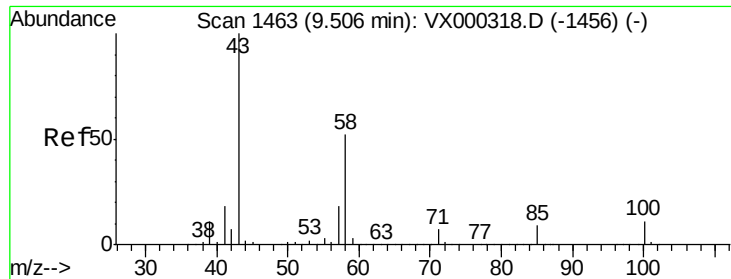
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#58
 2-Chloroethyl Vinyl ether
 Concen: 292.27 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	23.2	34.8





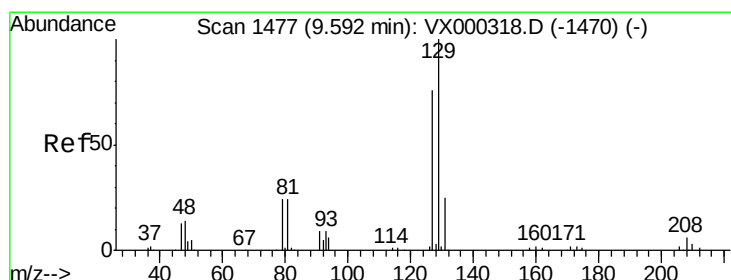
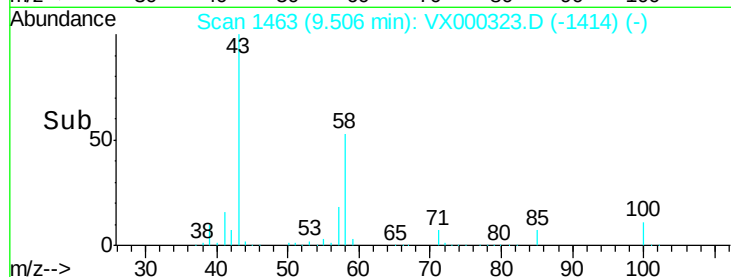
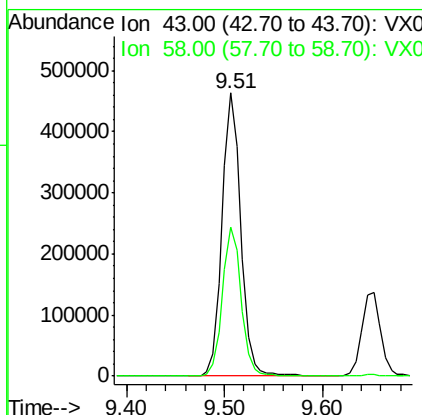
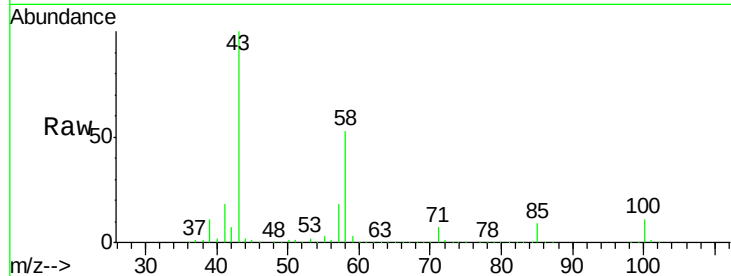
#59
2-Hexanone
Concen: 245.29 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCC50

Tot Ion: 43 Resp: 617915
Ion Ratio Lower Upper
43 100
58 52.6 26.6 79.7

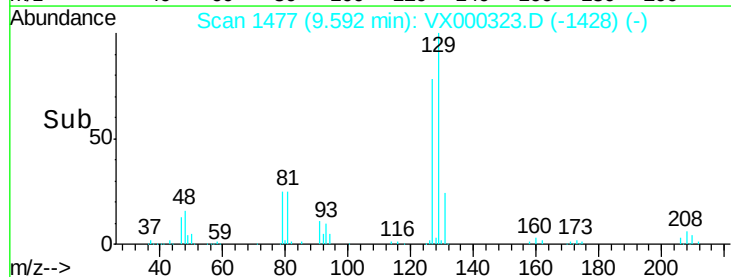
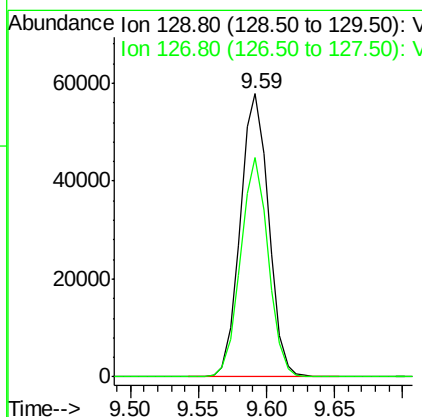
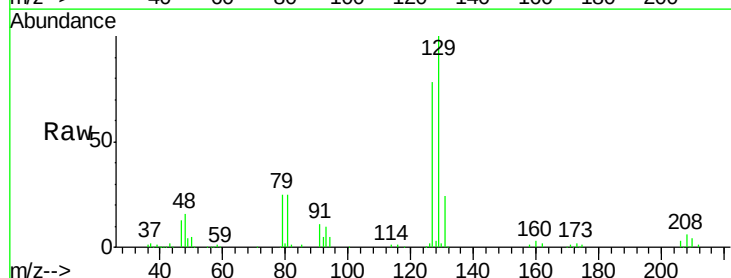
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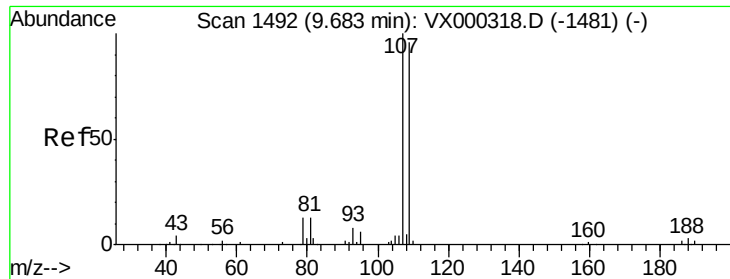
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#60
Dibromochloromethane
Concen: 49.69 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion: 129 Resp: 84328
Ion Ratio Lower Upper
129 100
127 75.7 37.9 113.6





#61

1,2-Dibromoethane

Concen: 47.20 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCC50

Tot Ion:107 Resp: 83982

Ion Ratio Lower Upper

107 100

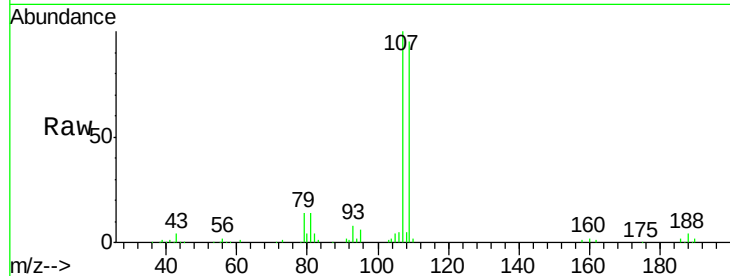
109 94.1 76.1 114.1

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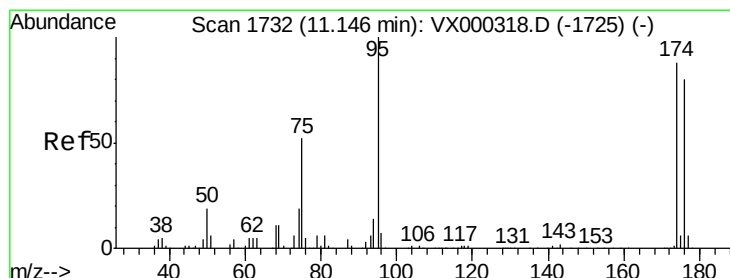
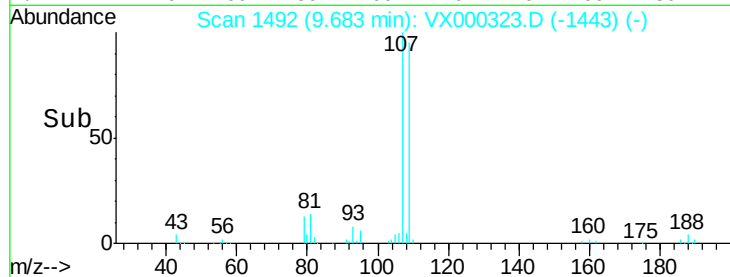
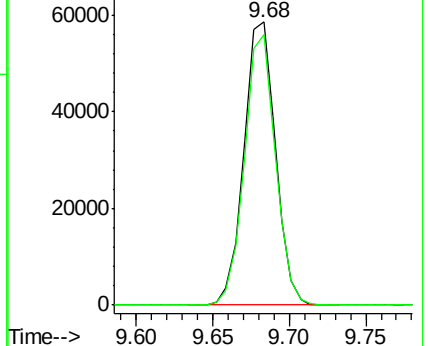
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.04 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

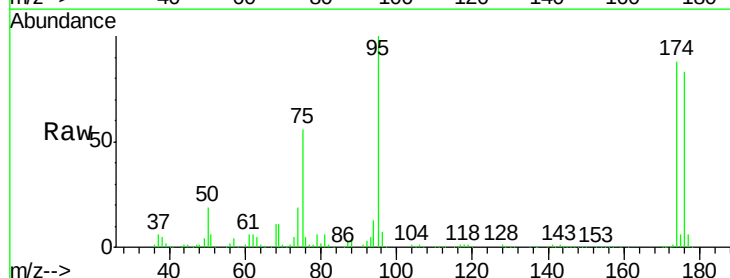
Tgt Ion: 95 Resp: 105027

Ion Ratio Lower Upper

95 100

174 86.3 0.0 173.6

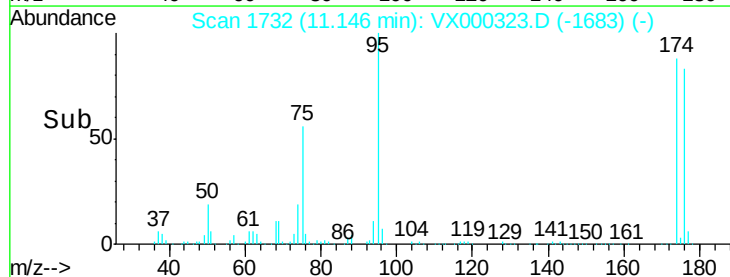
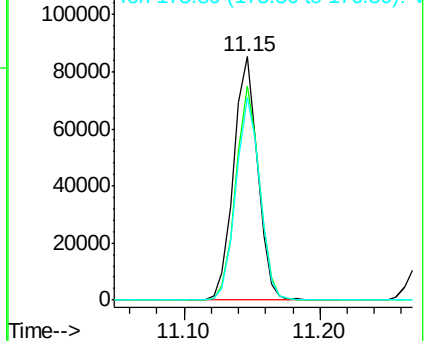
176 83.0 0.0 164.6

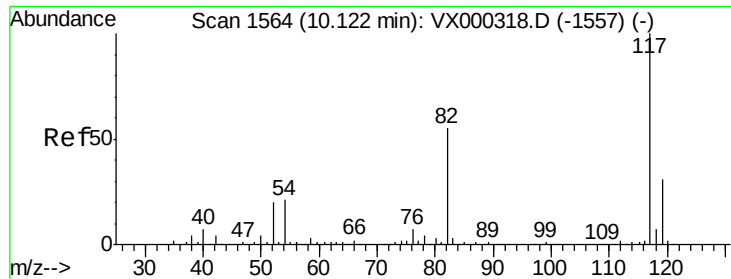


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





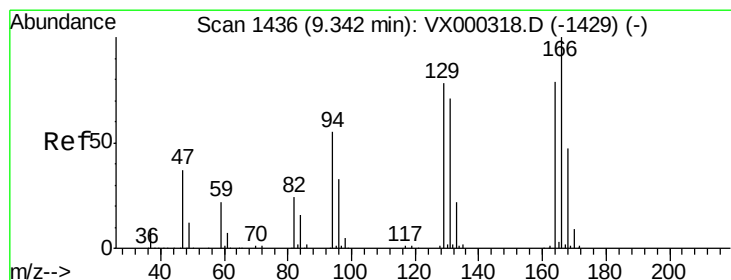
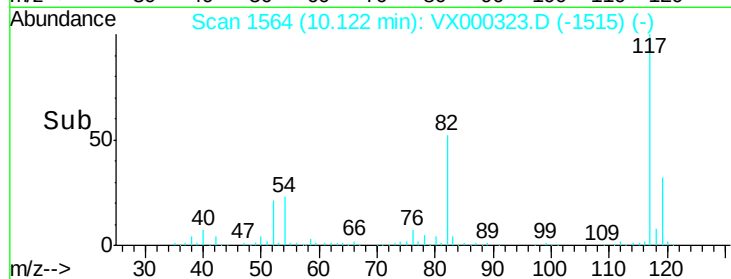
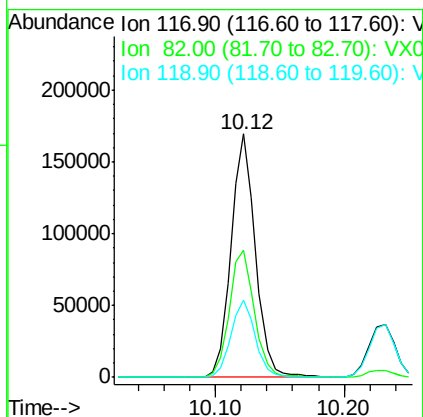
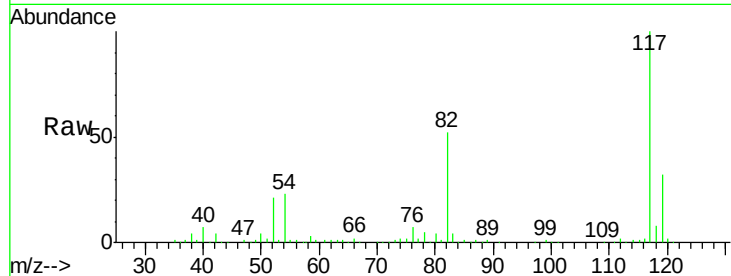
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.8	65.8
119	31.9	24.9	37.3

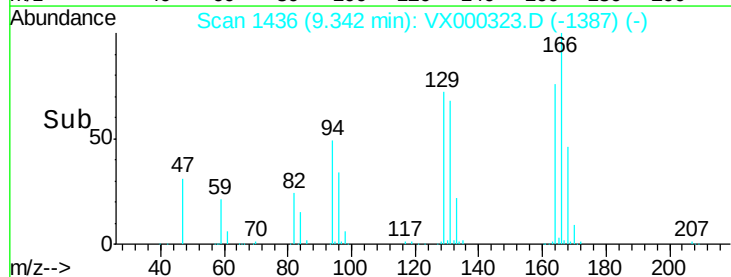
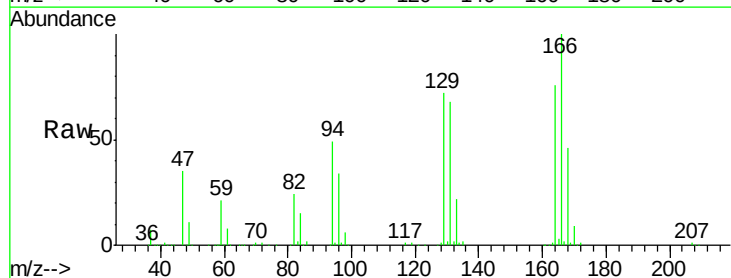
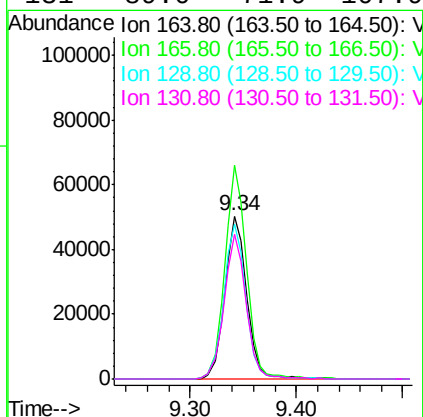
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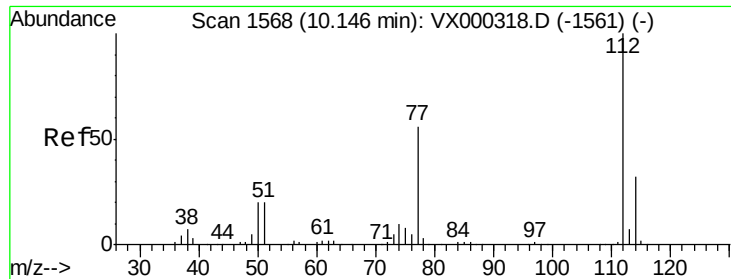
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#64
Tetrachloroethene
Concen: 50.59 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	101.0	151.6
129	94.9	79.0	118.4
131	89.0	71.9	107.9





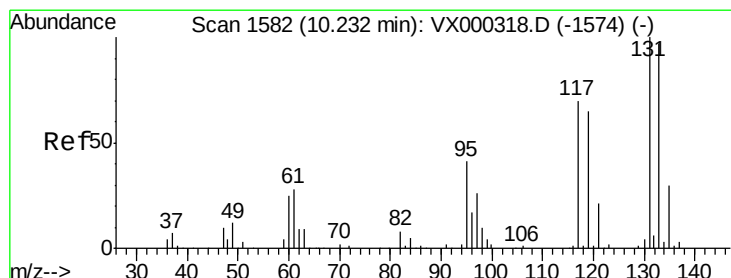
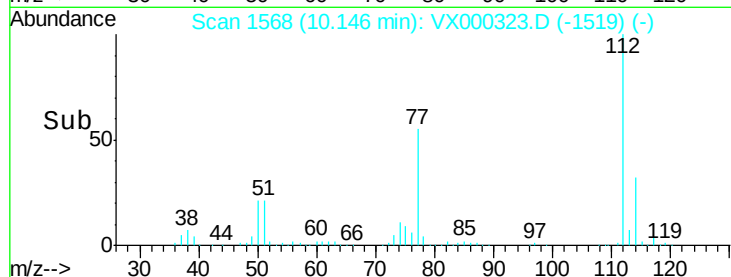
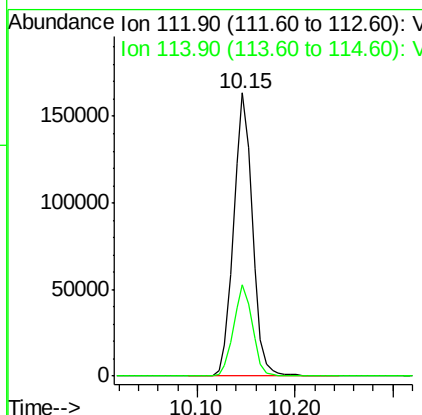
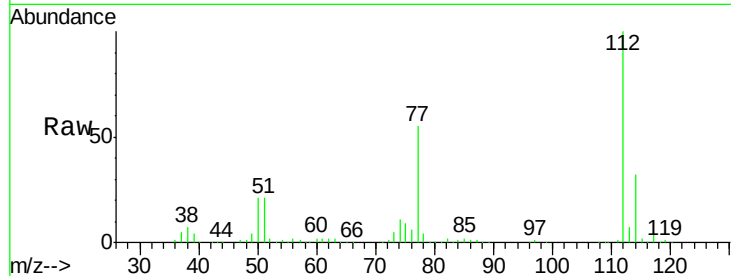
#65
Chlorobenzene
Concen: 48.11 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCC50

Tot Ion:112 Resp: 219142
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

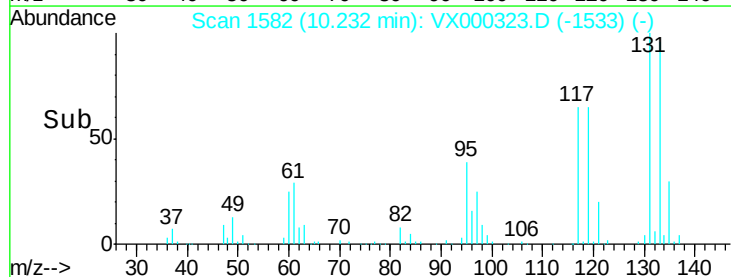
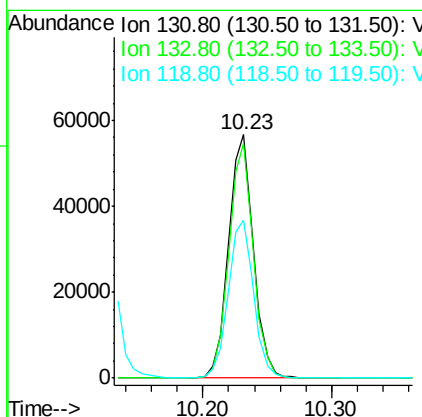
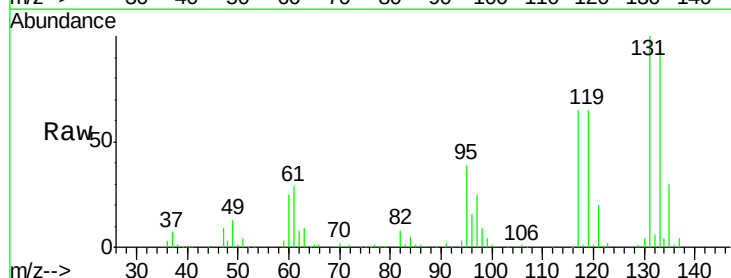
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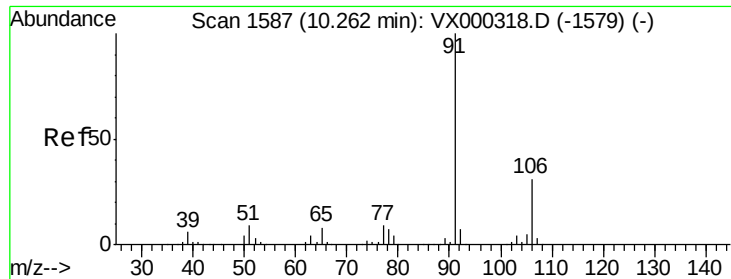
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.11 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion:131 Resp: 76758
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.3
119 66.3 33.1 99.2





#67

Ethyl Benzene

Concen: 48.81 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampled :

VSTDCC50

Tot Ion: 91 Resp: 378990

Ion Ratio Lower Upper

91 100

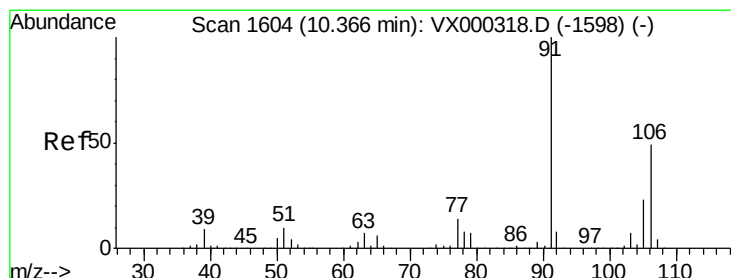
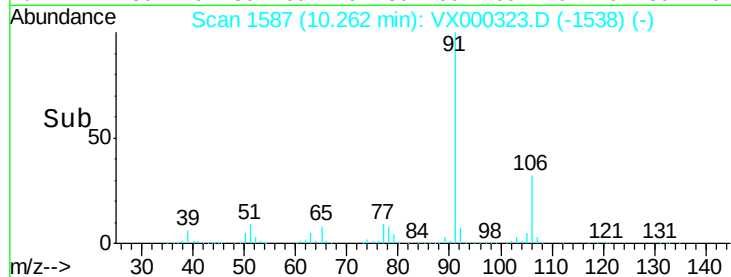
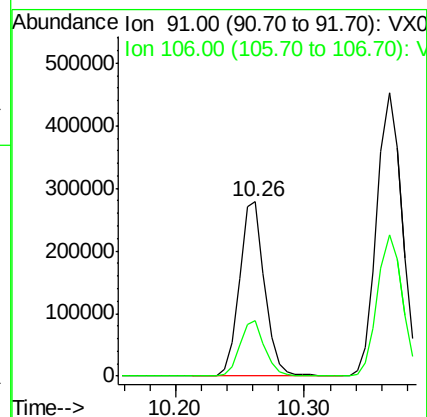
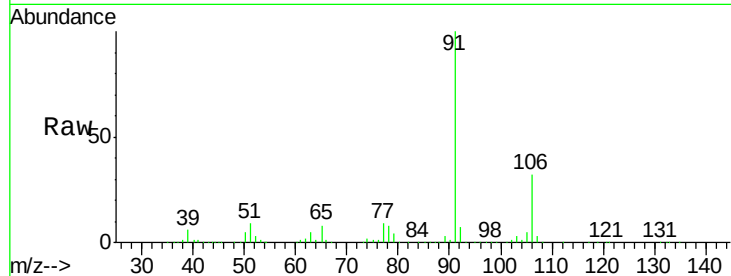
106 32.2 25.0 37.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 100.19 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000323.D

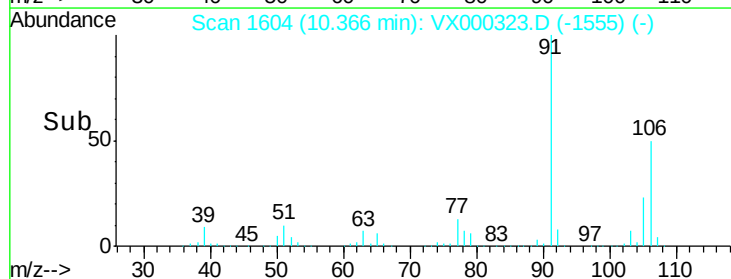
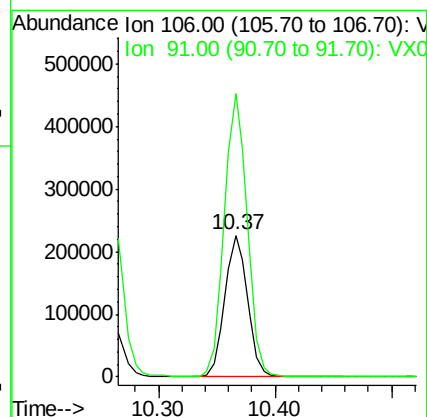
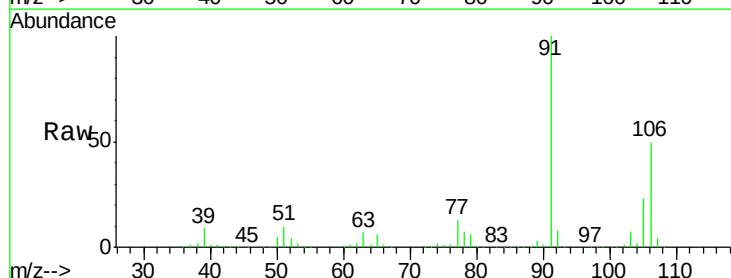
Acq: 15 Mar 2018 12:13

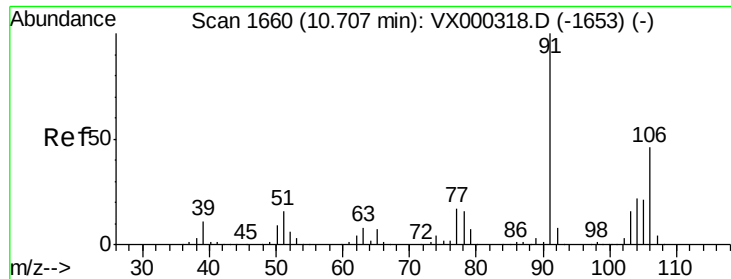
Tgt Ion: 106 Resp: 303128

Ion Ratio Lower Upper

106 100

91 203.0 163.4 245.2





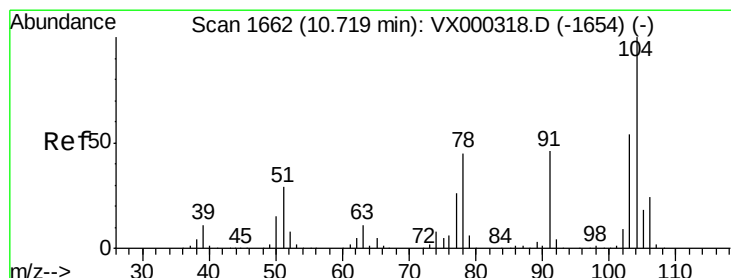
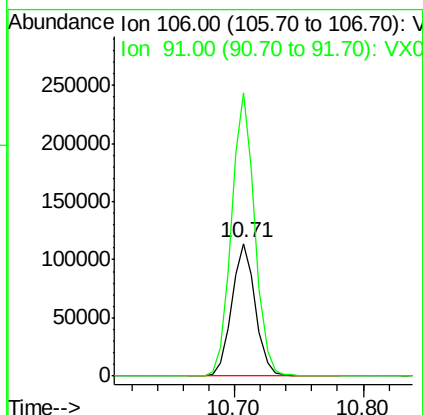
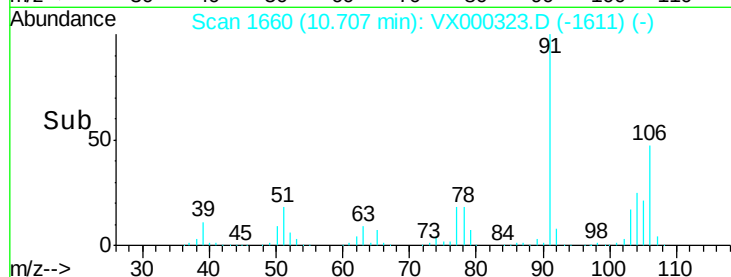
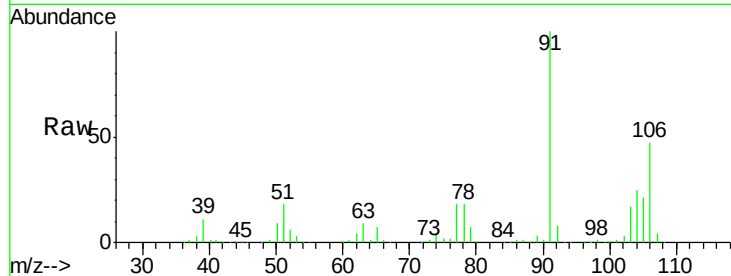
#69
o-Xylene
Concen: 49.37 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

Tot Ion:106 Resp: 145084
Ion Ratio Lower Upper
106 100
91 211.9 106.5 319.6

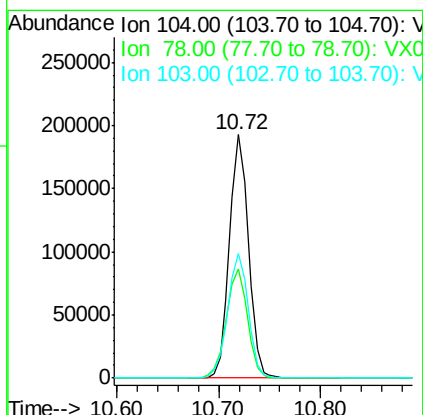
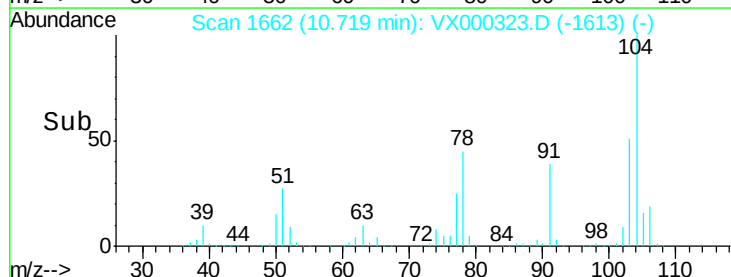
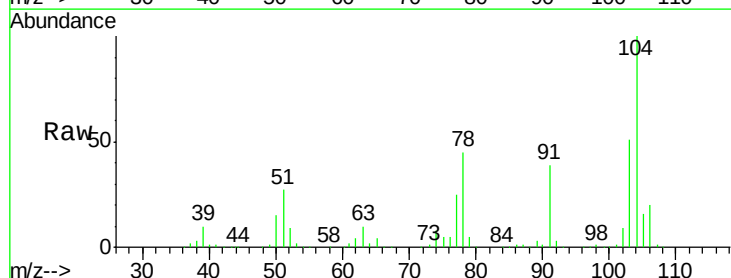
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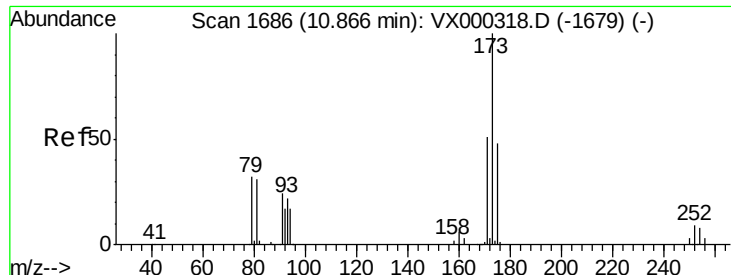
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#70
Styrene
Concen: 50.94 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion:104 Resp: 248434
Ion Ratio Lower Upper
104 100
78 50.3 40.5 60.7
103 55.7 45.7 68.5





#71

Bromoform

Concen: 44.68 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCC50

Tot Ion:173 Resp: 68638

Ion Ratio Lower Upper

173 100

175 47.3 25.4 76.4

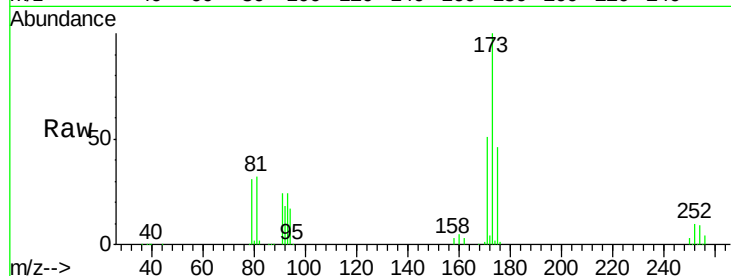
254 0.1 0.0 0.0#

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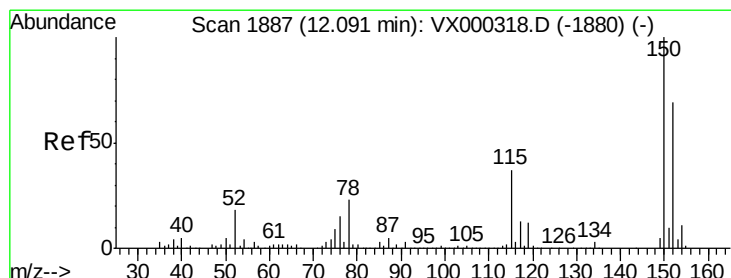
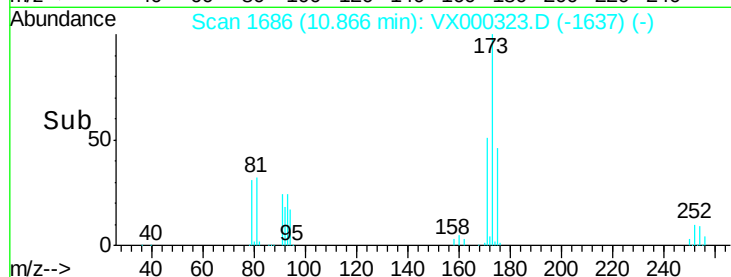
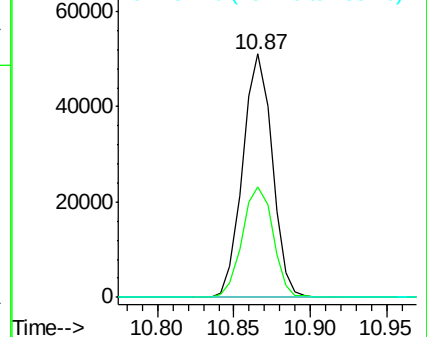
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

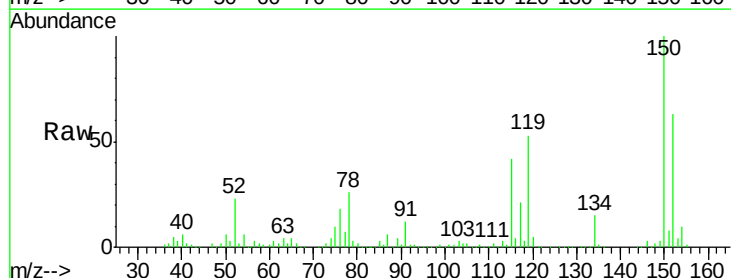
Tgt Ion:152 Resp: 144754

Ion Ratio Lower Upper

152 100

115 79.4 39.8 119.3

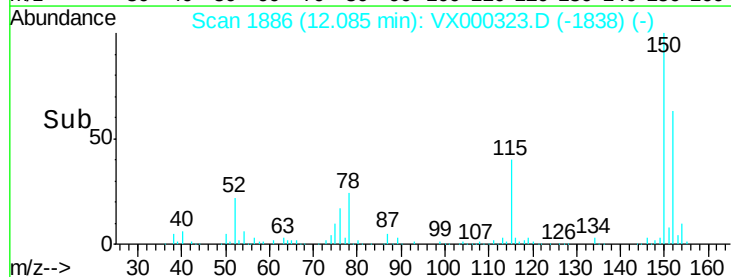
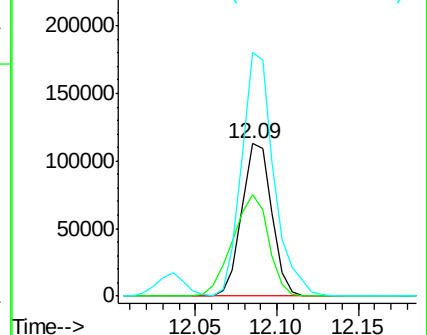
150 171.6 0.0 344.4

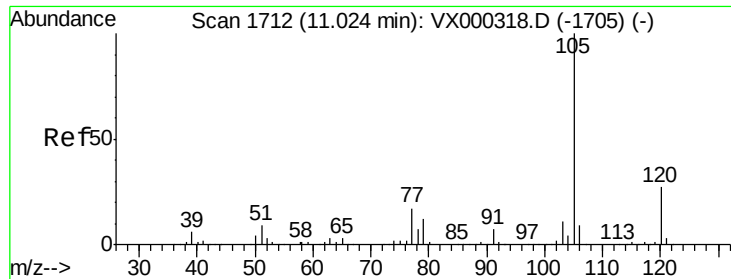


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.33 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampled :

VSTDCC50

Tot Ion:105 Resp: 403936

Ion Ratio Lower Upper

105 100

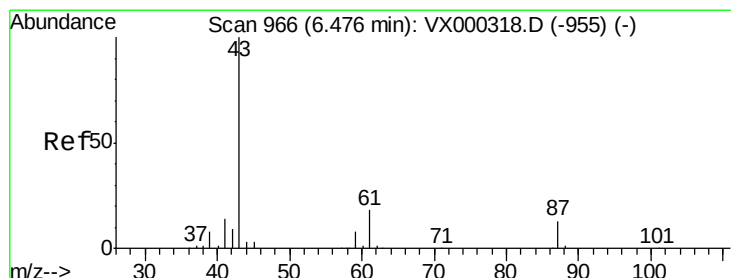
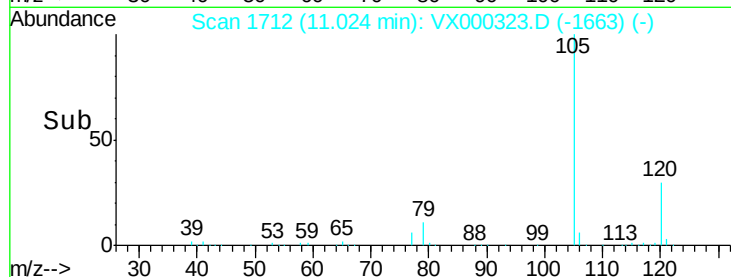
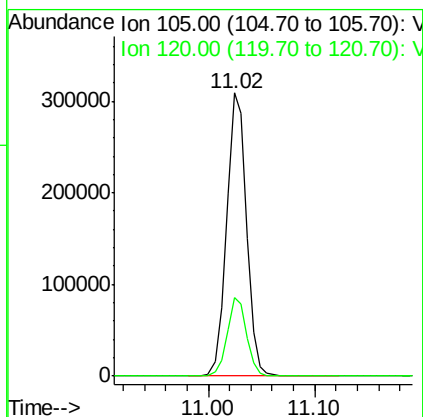
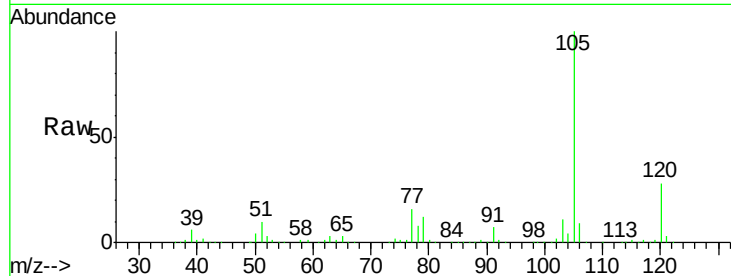
120 27.2 13.6 40.7

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#74

N-ethyl acetate

Concen: 45.31 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Tgt Ion: 43 Resp: 189123

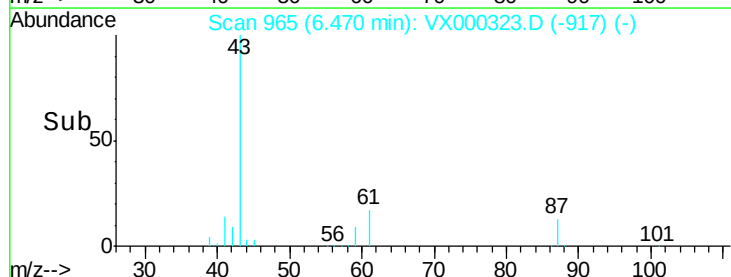
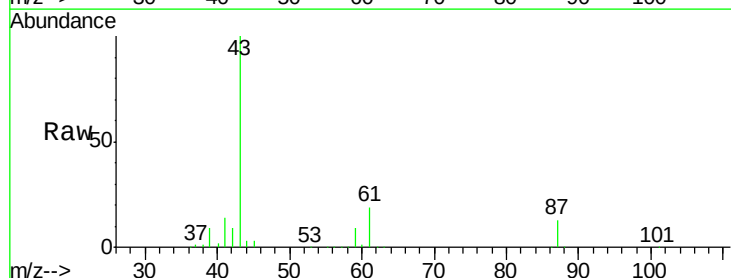
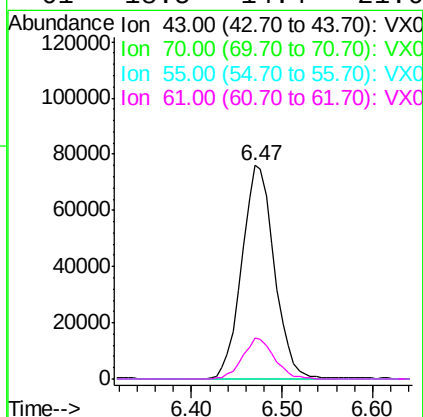
Ion Ratio Lower Upper

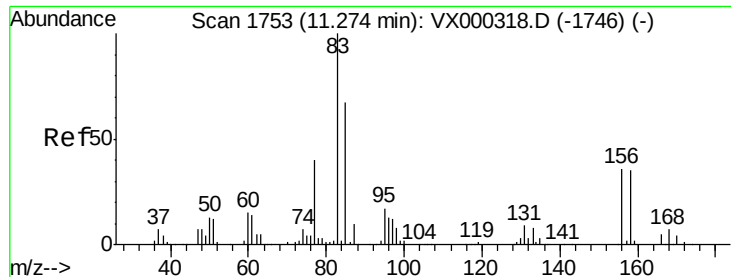
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.5 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.64 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

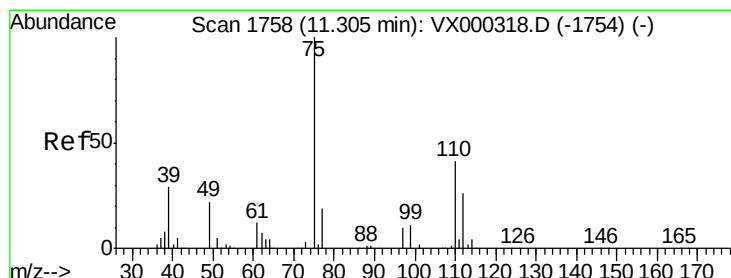
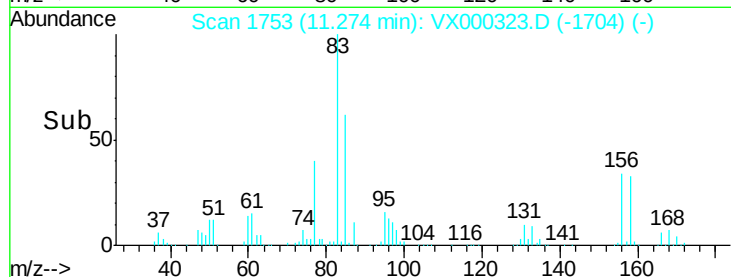
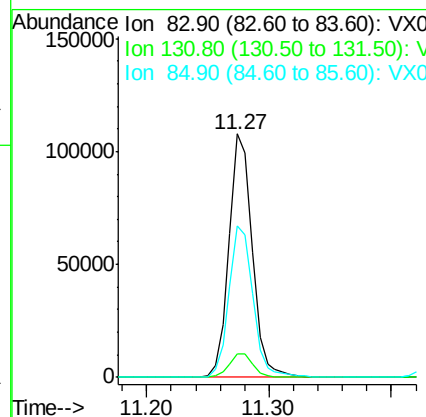
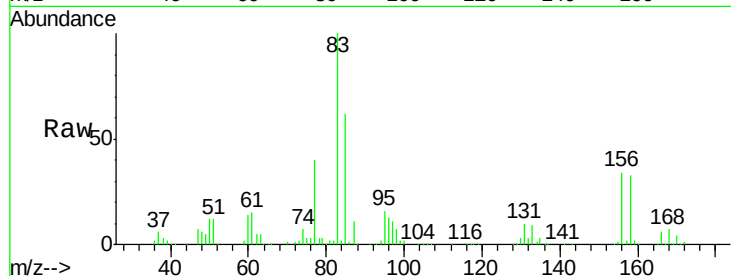
ClientSampled :

VSTDCC50

Tot Ion:	83	Resp:	141654
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	14.9
85	64.2	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 49.17 ug/l m

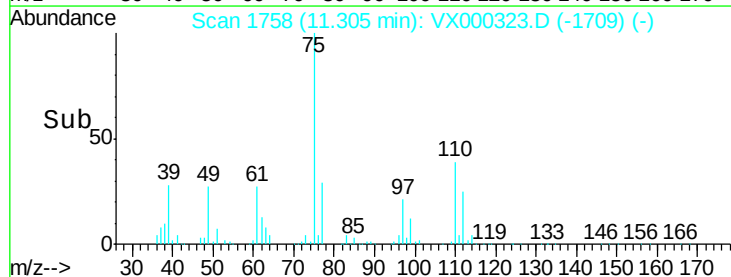
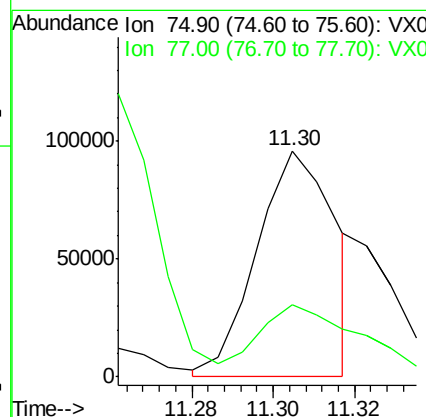
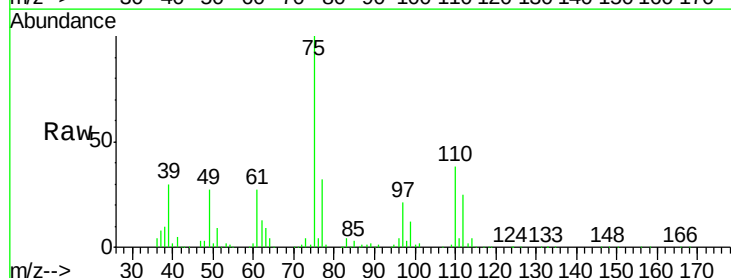
RT: 11.30 min Scan# 1758

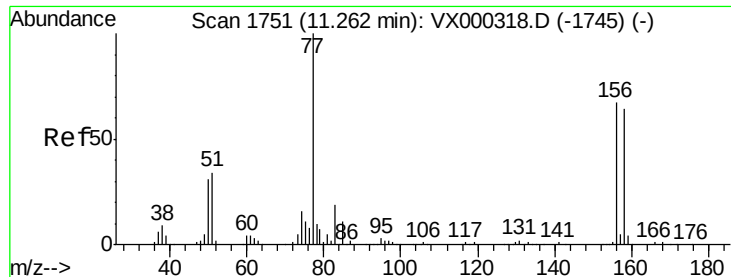
Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Tgt Ion:	75	Resp:	128677
Ion Ratio	Lower	Upper	
75	100		
77	41.9	21.4	64.2





#77

Bromobenzene

Concen: 44.75 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

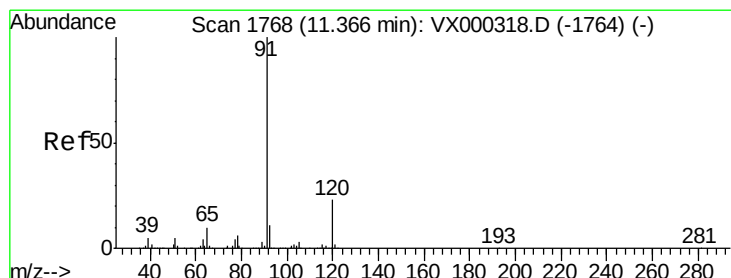
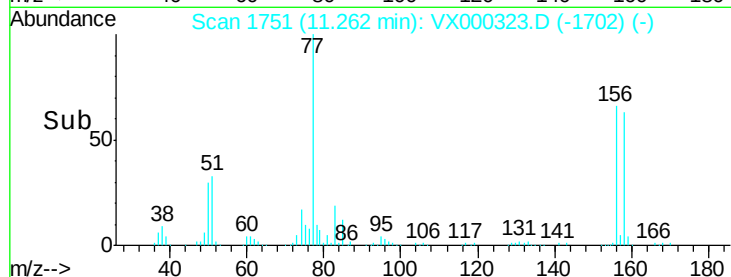
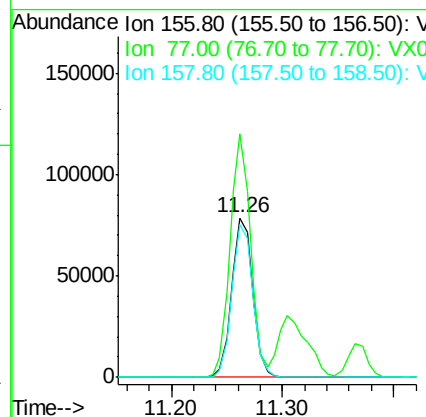
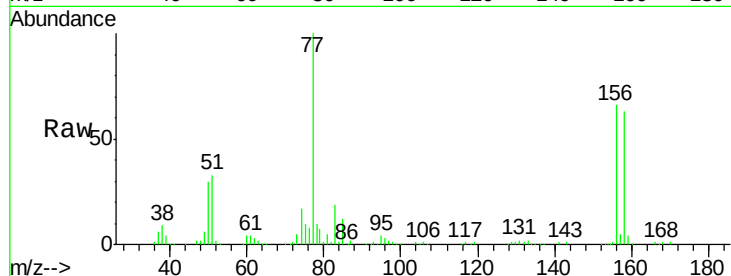
ClientSampleId :

VSTDCC50

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.9	73.4	220.2
158	96.2	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 46.25 ug/l

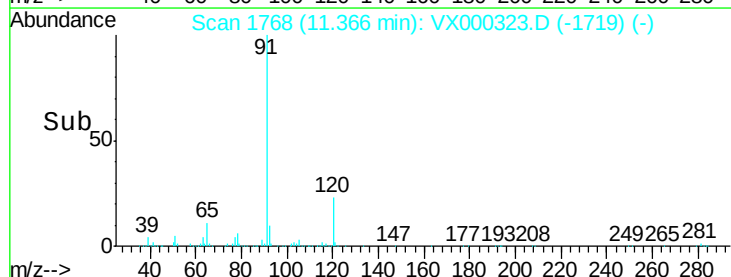
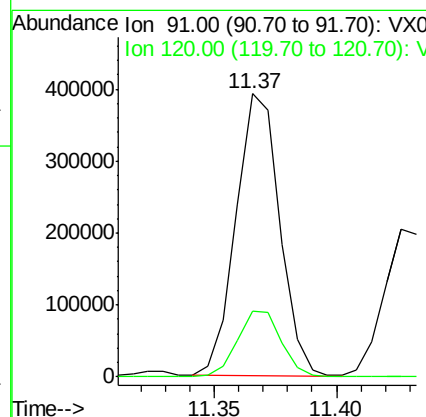
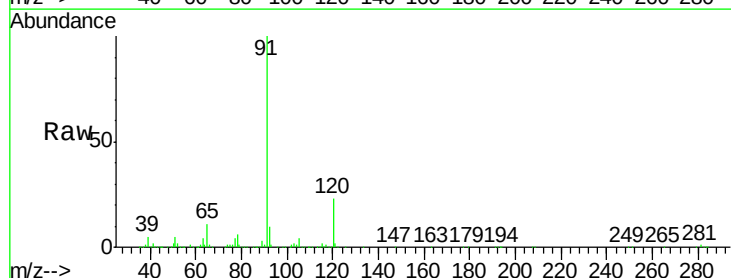
RT: 11.37 min Scan# 1768

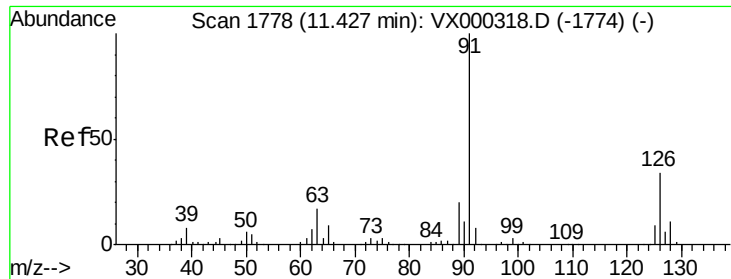
Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.8	35.3





#79

2-Chlorotoluene

Concen: 45.66 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampled :

VSTDCC50

Tot Ion: 91 Resp: 272407

Ion Ratio Lower Upper

91 100

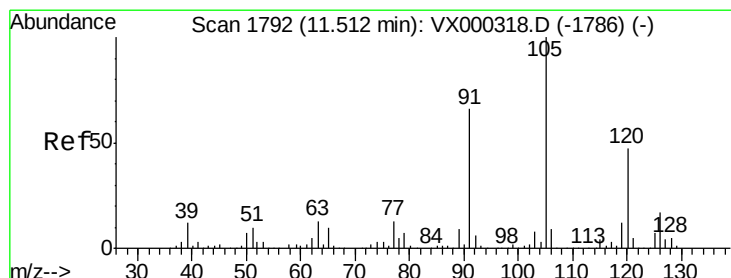
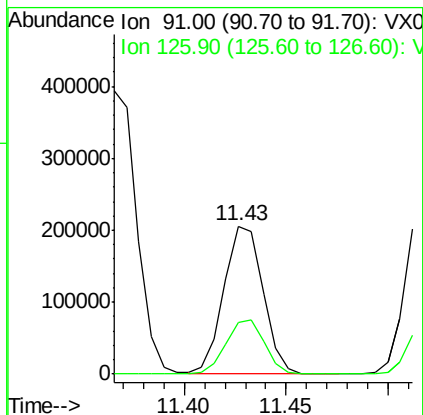
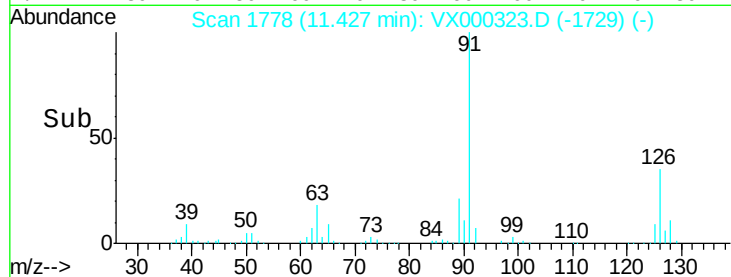
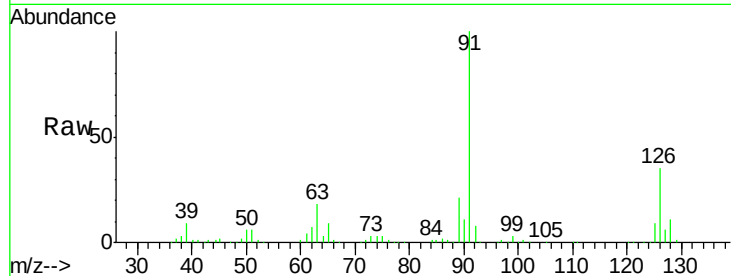
126 36.4 17.7 53.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 47.75 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000323.D

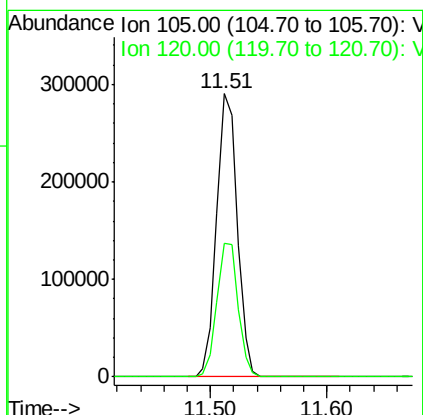
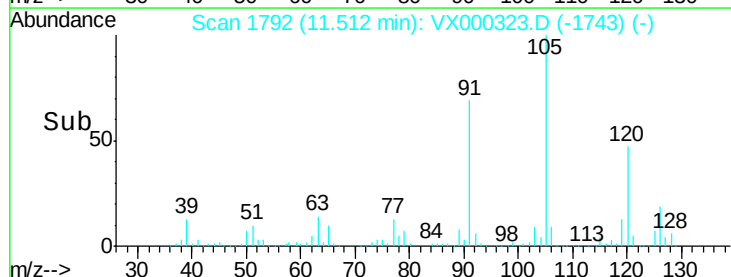
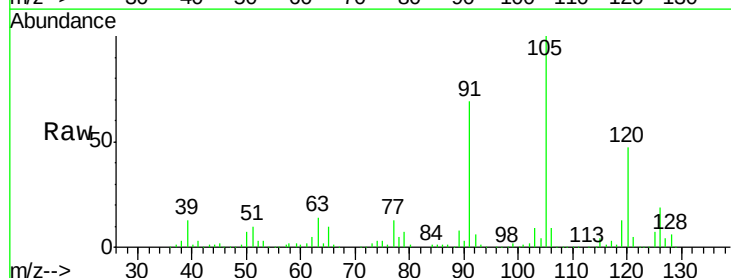
Acq: 15 Mar 2018 12:13

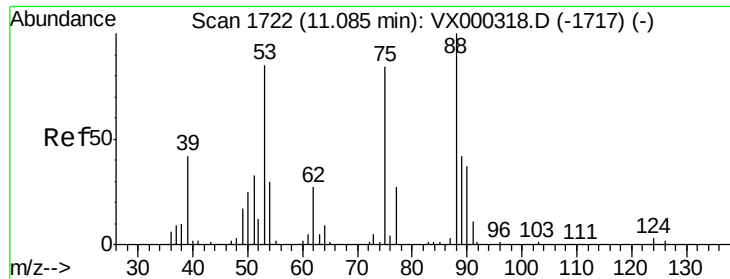
Tgt Ion: 105 Resp: 354654

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.4





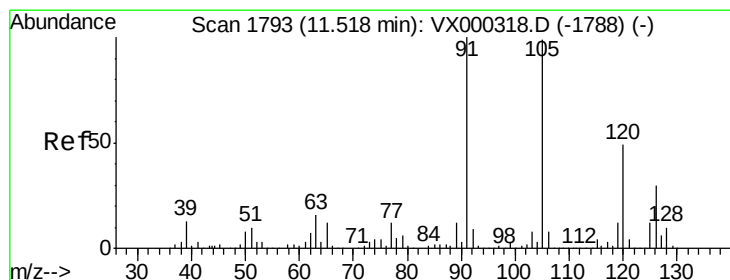
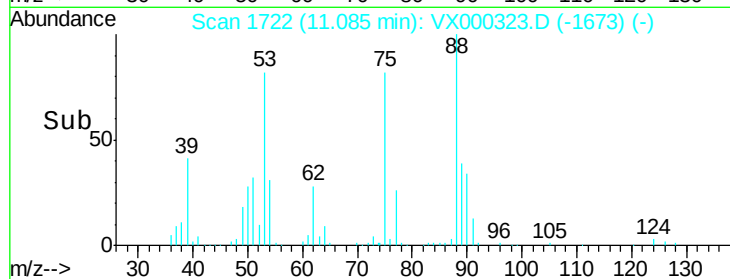
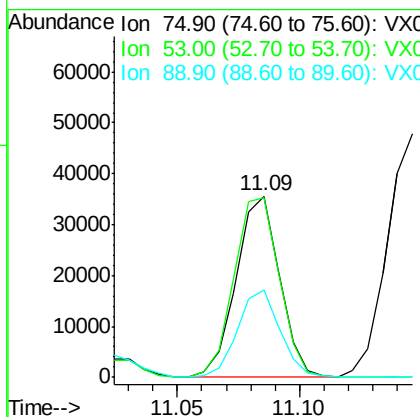
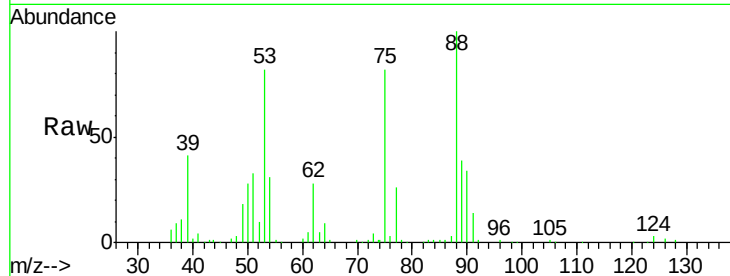
#81
trans-1,4-Dichloro-2-butene
Concen: 45.84 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCC50

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.2	80.7	121.1
89	47.7	39.4	59.0

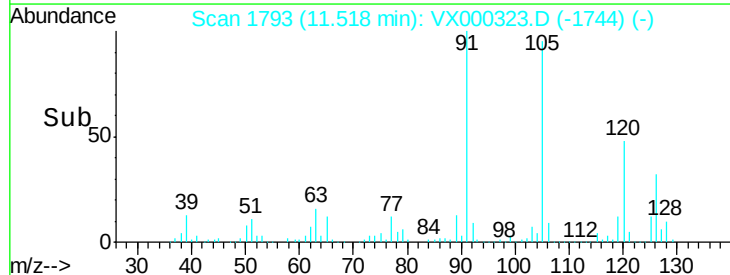
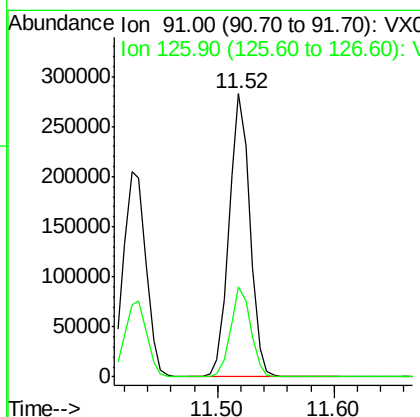
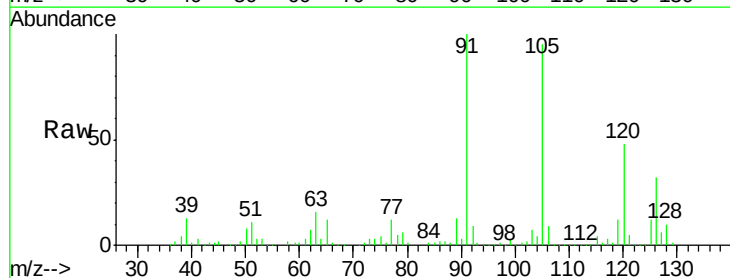
Manual Integrations
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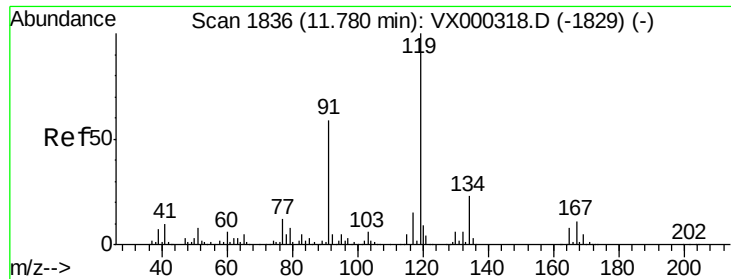
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#82
4-Chlorotoluene
Concen: 47.75 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.1





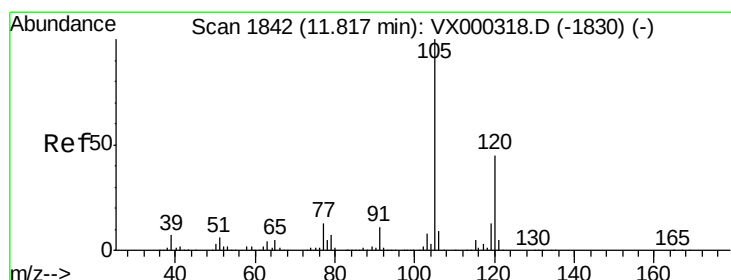
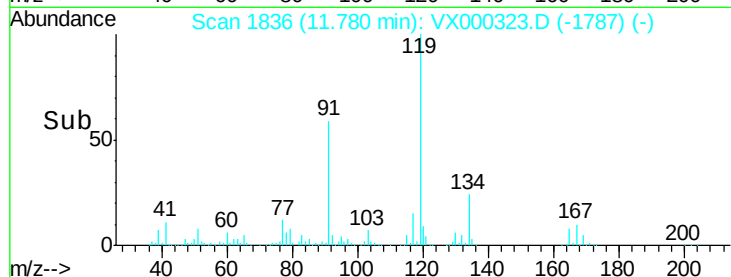
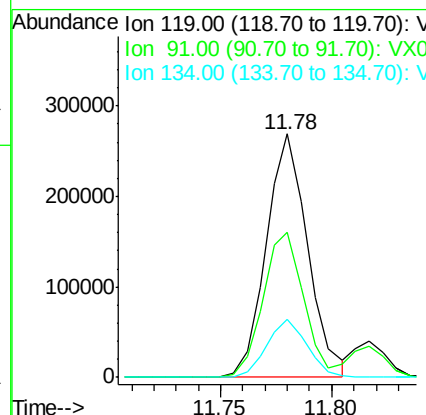
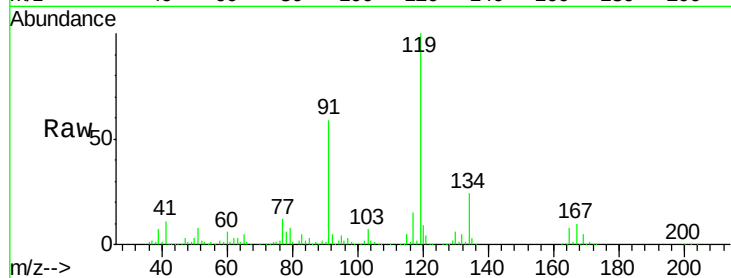
#83
 tert-Butylbenzene
 Concen: 47.93 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCC50

Tot Ion	Ratio	Resp	Lower	Upper
119	100	347265		
91	58.1		28.8	86.4
134	23.0		11.4	34.1

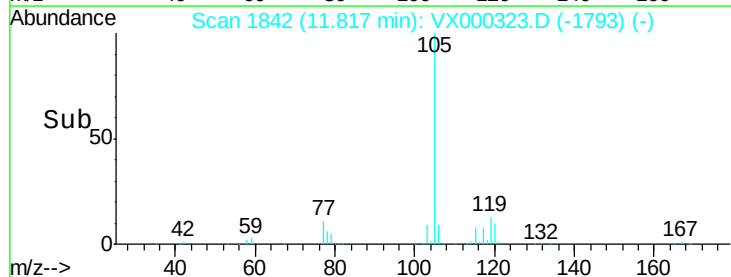
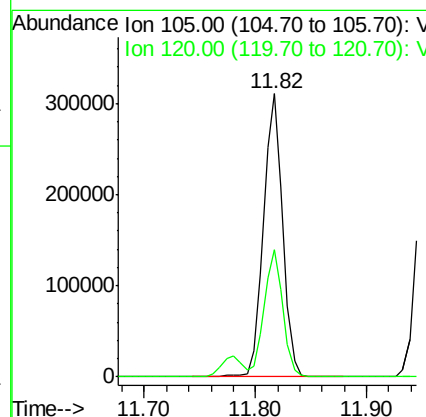
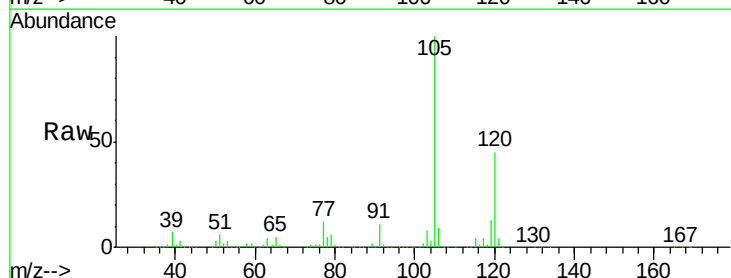
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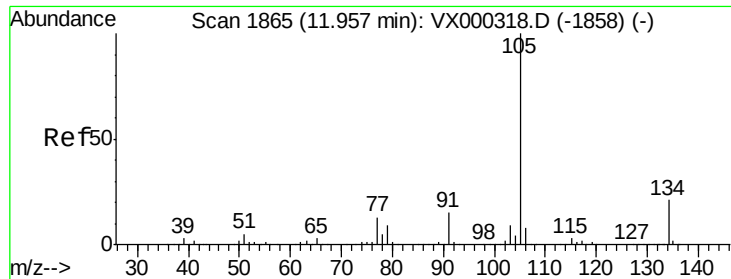
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.03 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	374405		
120	44.1		22.4	67.3





#85

sec-Butylbenzene

Concen: 48.78 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCC50

Tot Ion:105 Resp: 442501

Ion Ratio Lower Upper

105 100

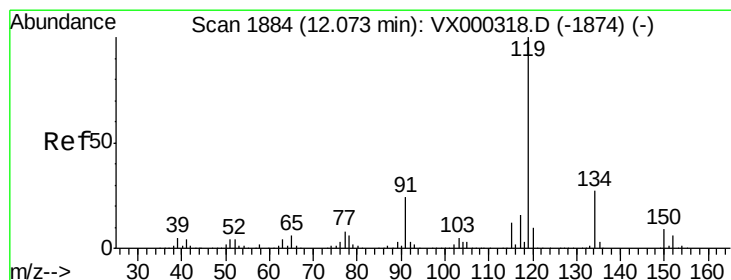
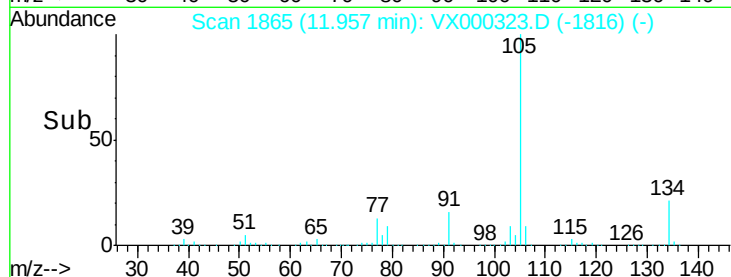
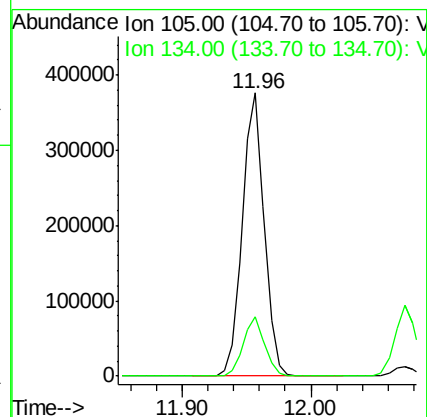
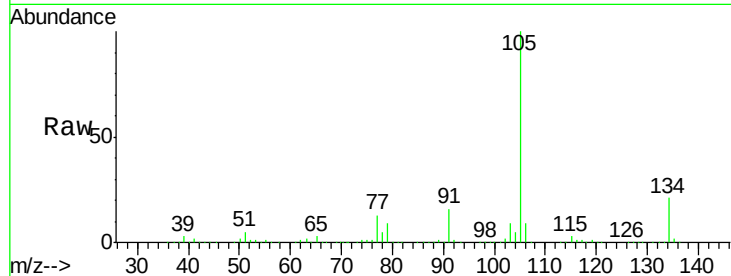
134 20.6 10.3 30.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.85 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

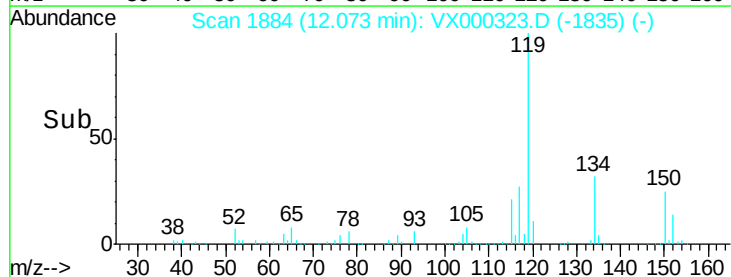
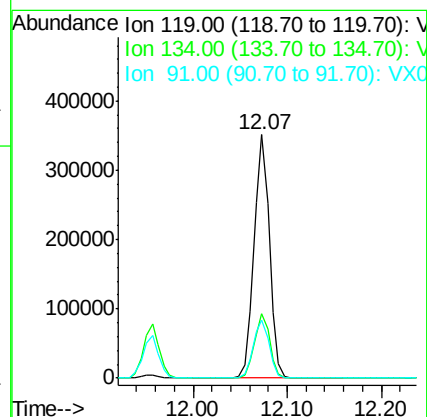
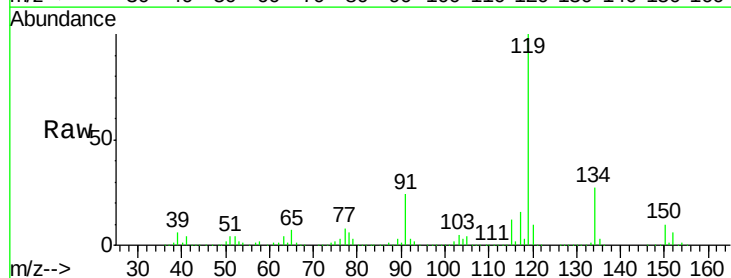
Tgt Ion:119 Resp: 402437

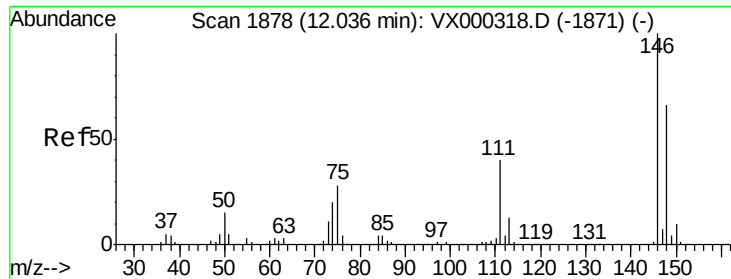
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

91 24.3 12.0 36.1





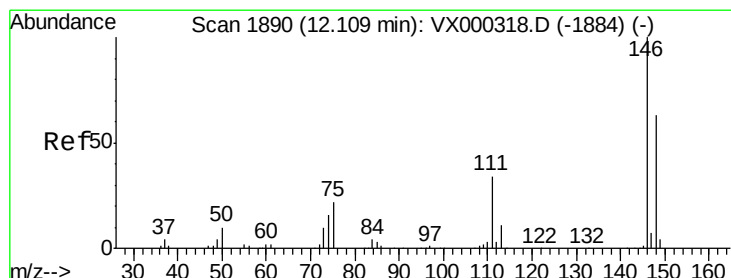
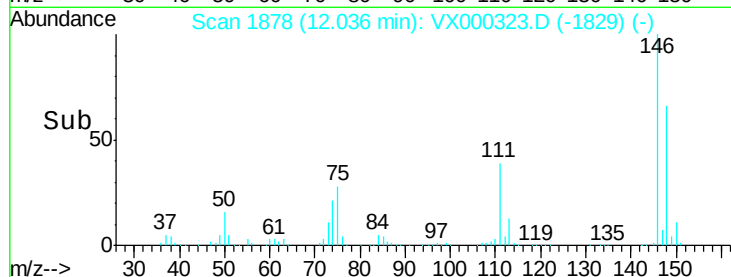
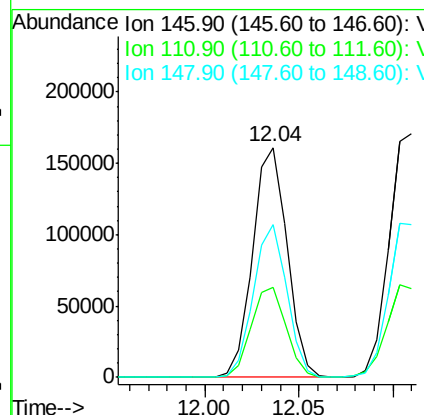
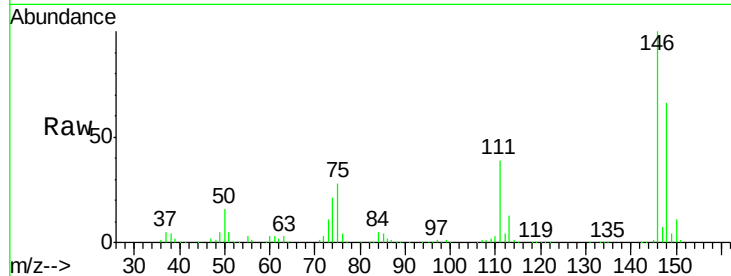
#87
 1,3-Dichlorobenzene
 Concen: 45.53 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCC50

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.5	58.5
148	64.7	32.4	97.0

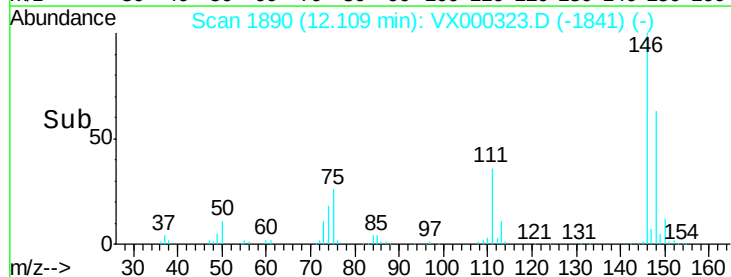
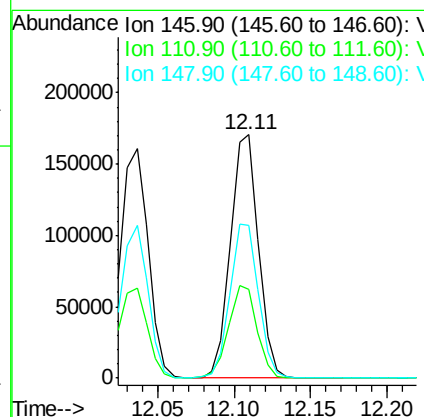
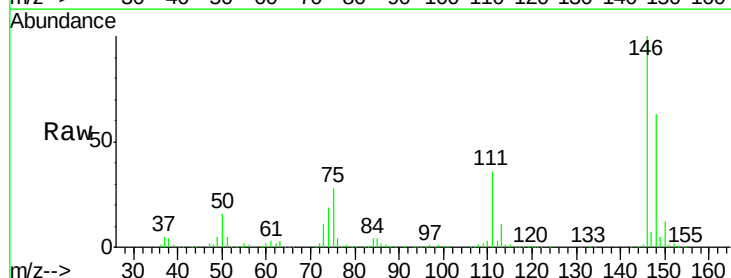
Manual Integrations
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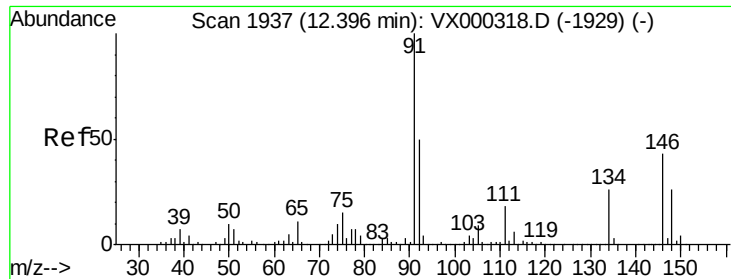
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 46.35 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.9
148	64.0	31.0	93.0





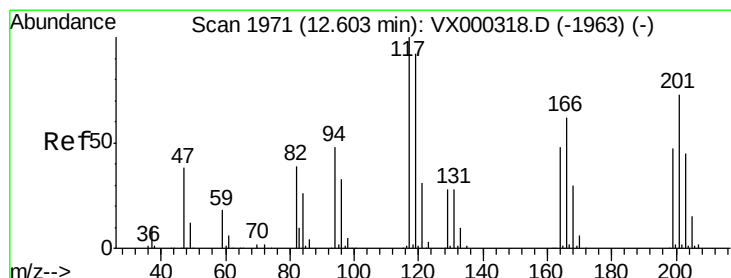
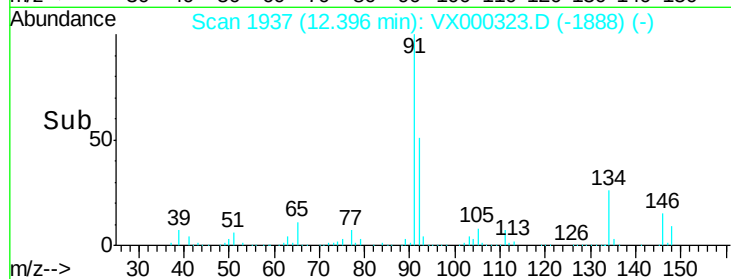
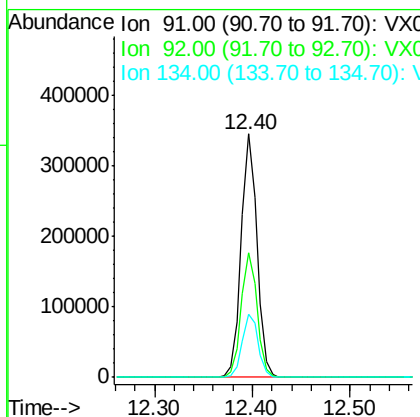
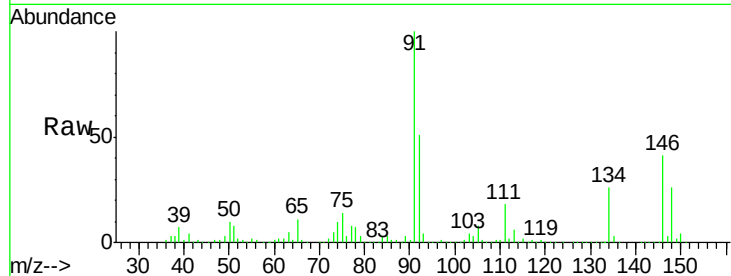
#89
n-Butylbenzene
Concen: 49.43 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCC50

Tot Ion	Ratio	Resp	Lower	Upper
91	100	387970		
92	51.3		25.9	77.8
134	26.2		13.1	39.3

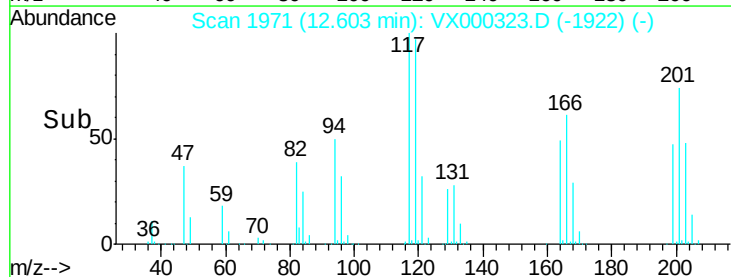
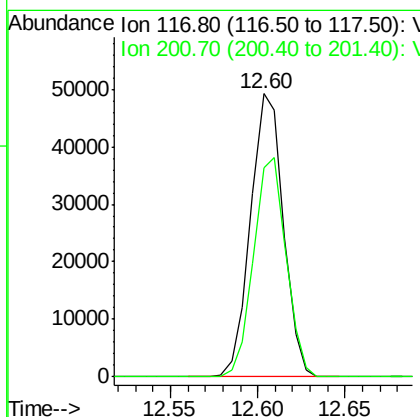
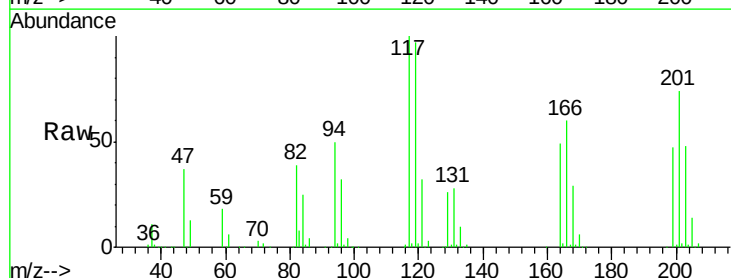
Manual Integrations
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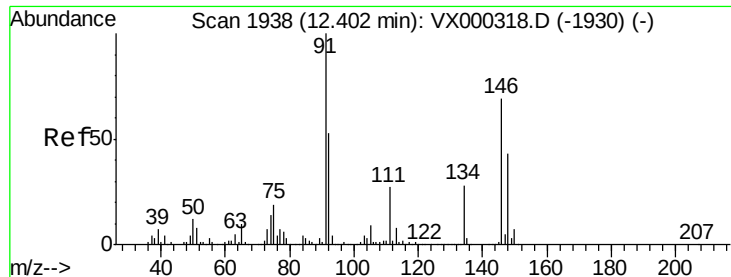
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#90
Hexachloroethane
Concen: 49.68 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000323.D
Acq: 15 Mar 2018 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	64320		
201	76.7		37.9	113.6





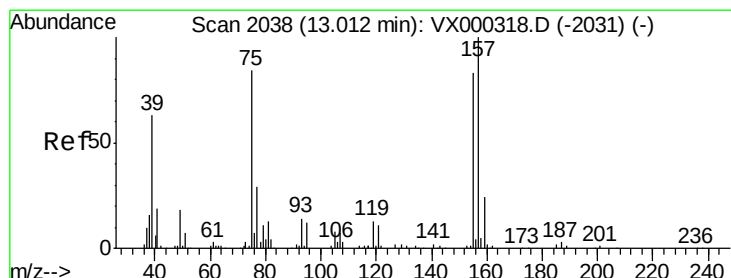
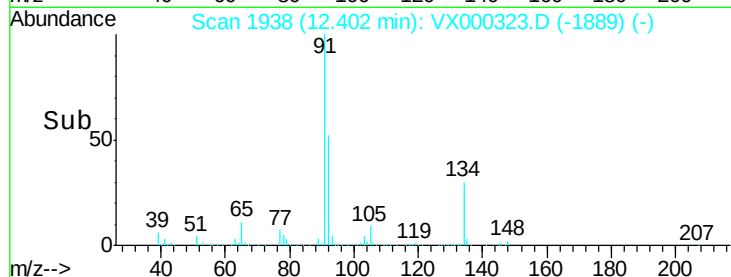
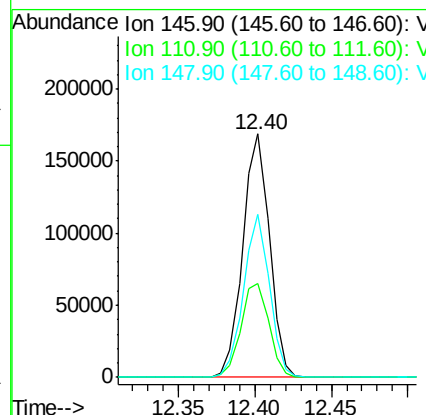
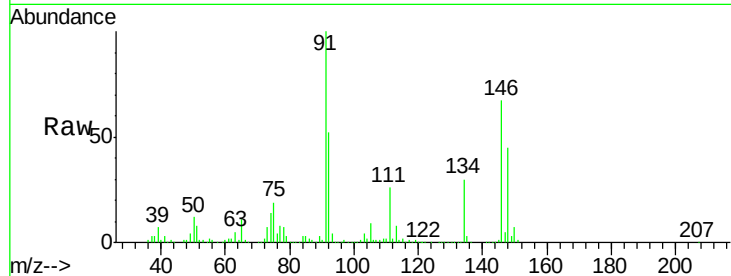
#91
 1,2-Dichlorobenzene
 Concen: 46.95 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCC50

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.2
148	64.9	31.2	93.6

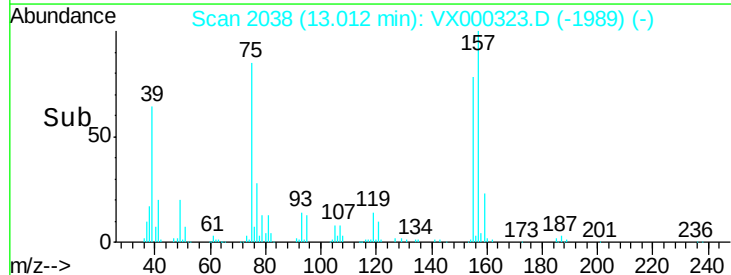
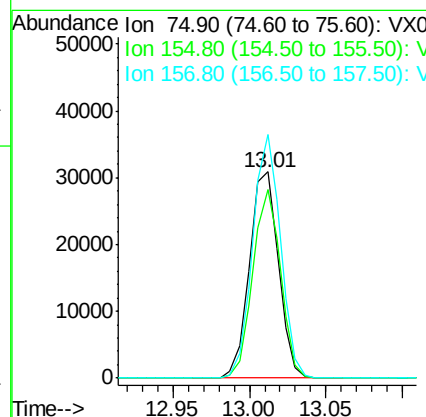
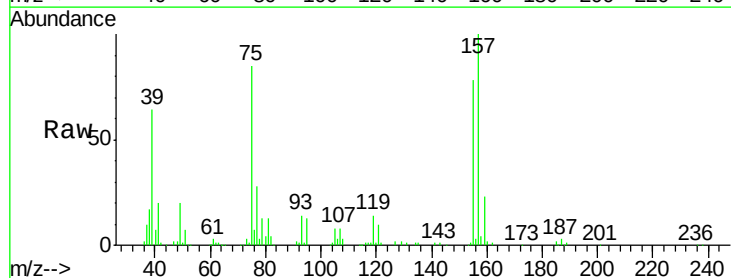
Manual Integrations
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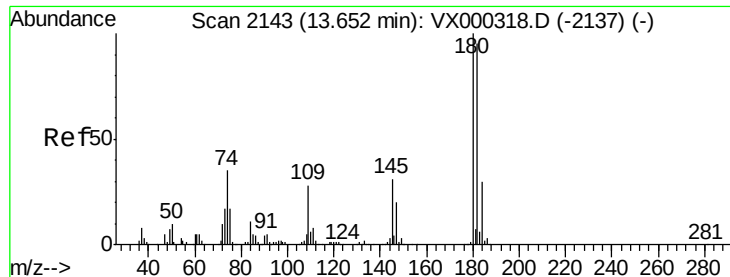
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.37 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.6	45.0	134.8
157	112.9	58.1	174.2





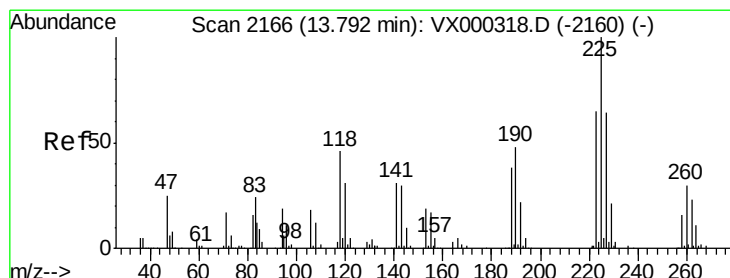
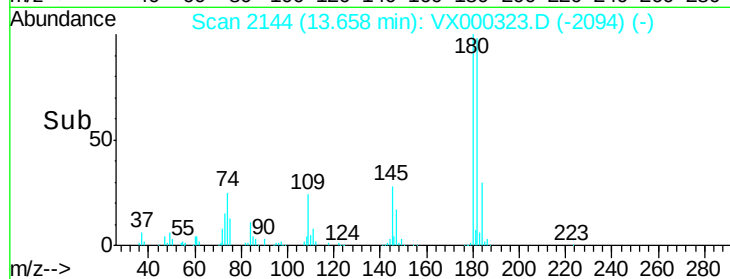
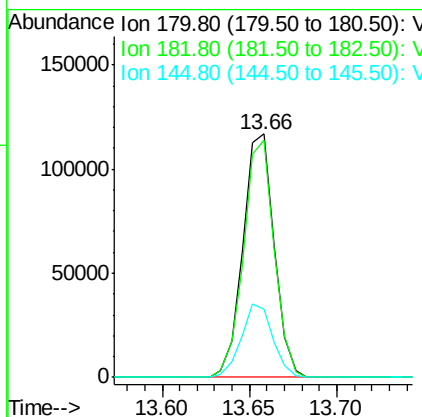
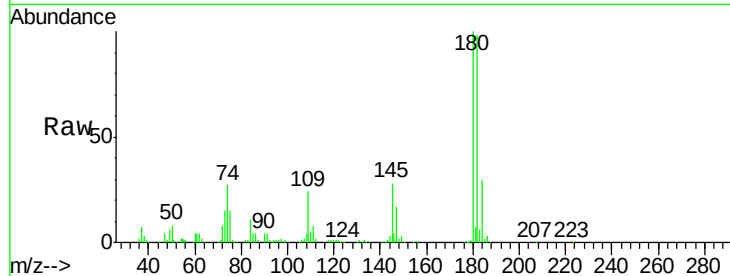
#93
 1,2,4-Trichlorobenzene
 Concen: 46.39 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCC50

Tot Ion:	180	Resp:	145361
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.6	142.9
145	30.3	15.1	45.3

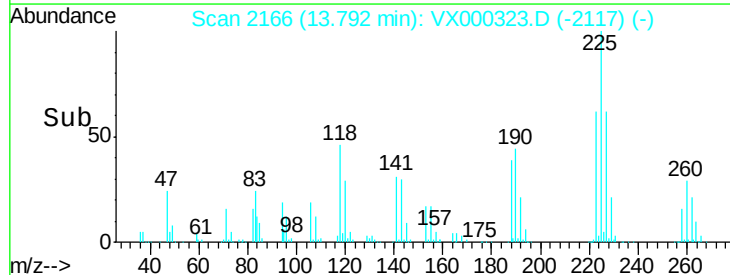
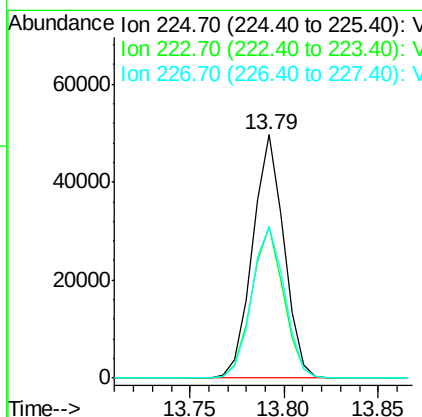
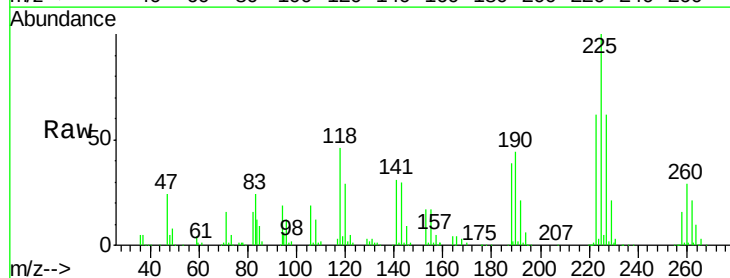
Manual Integrations
 APPROVED

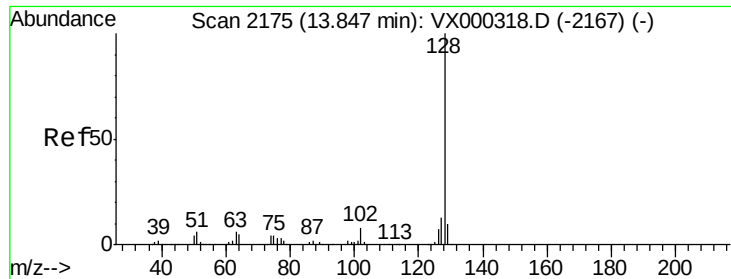
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#94
 Hexachlorobutadiene
 Concen: 46.33 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000323.D
 Acq: 15 Mar 2018 12:13

Tgt Ion:	225	Resp:	57262
Ion Ratio	Lower	Upper	
225	100		
223	63.4	32.0	96.0
227	65.2	32.6	98.0





#95

Naphthalene

Concen: 47.60 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Instrument :

MSVOA_X

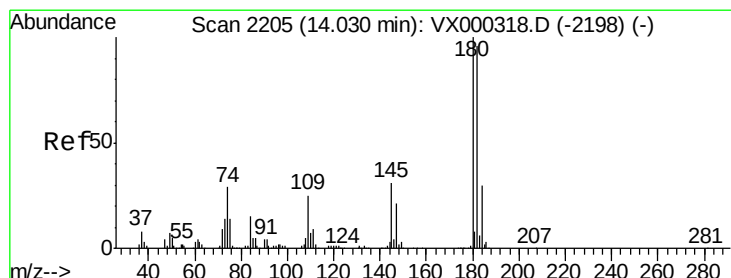
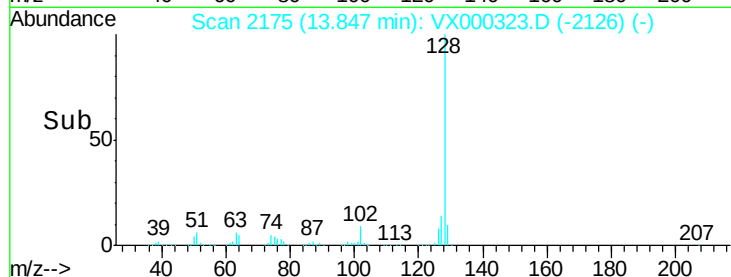
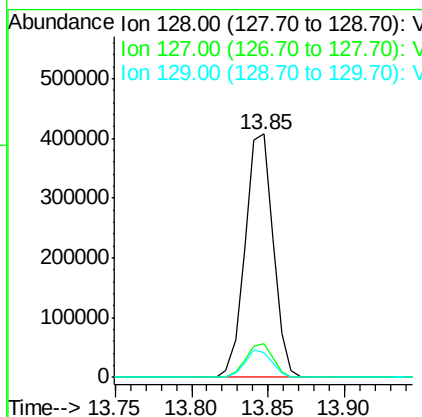
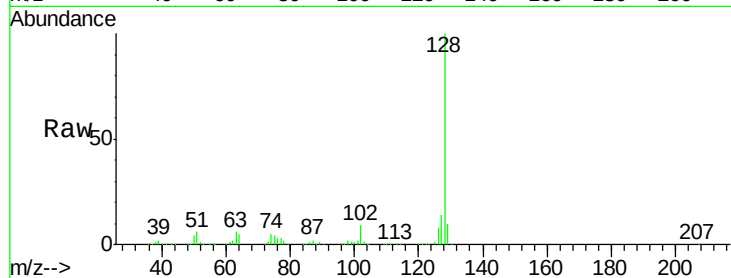
ClientSampleId :

VSTDCC50

Tot Ion:	128	Resp:	517527
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	15.8
129	10.8	8.9	13.3

Manual Integrations
APPROVED

apatel
3/16/2018 3:43:15 PM



#96

1,2,3-Trichlorobenzene

Concen: 46.33 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000323.D

Acq: 15 Mar 2018 12:13

Tgt Ion:	180	Resp:	146638
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.4	142.3
145	29.9	15.8	47.3

