

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041218\
 Data File : VX000816.D
 Acq On : 12 Apr 2018 21:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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Quant Time: Apr 13 07:50:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330179	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	211377	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	149446	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	5.51	113	126695	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	8.73	98	465567	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.15	95	188751	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	131920	47.92	ug/l	98
3) Chloromethane	1.32	50	108359	45.91	ug/l	100
4) Vinyl Chloride	1.40	62	129904	48.93	ug/l	98
5) Bromomethane	1.64	94	53445	48.59	ug/l	100
6) Chloroethane	1.73	64	80636	50.11	ug/l	100
7) Trichlorofluoromethane	1.93	101	189261	47.25	ug/l	100
8) Diethyl Ether	2.20	74	72849	48.68	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	111137	47.05	ug/l	99
10) Methyl Iodide	2.51	142	60580	35.76	ug/l	100
11) Tert butyl alcohol	3.08	59	126264	231.26	ug/l	100
12) 1,1-Dichloroethene	2.38	96	106246	47.46	ug/l	99
13) Acrolein	2.30	56	48869	184.31	ug/l	95
14) Allyl chloride	2.73	41	197076	47.61	ug/l	98
15) Acrylonitrile	3.16	53	302332	259.73	ug/l	99
16) Acetone	2.45	43	240052	226.36	ug/l	98
17) Carbon Disulfide	2.57	76	296308	43.71	ug/l	100
18) Methyl Acetate	2.79	43	146052	53.22	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	364430	48.88	ug/l	100
20) Methylene Chloride	2.86	84	118206	47.92	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	115094	46.63	ug/l	98
22) Diisopropyl ether	3.88	45	387233	50.91	ug/l	97
23) Vinyl Acetate	3.84	43	1696575	254.04	ug/l	99
24) 1,1-Dichloroethane	3.70	63	216283	50.67	ug/l	99
25) 2-Butanone	4.72	43	432330	246.87	ug/l	99
26) 2,2-Dichloropropane	4.59	77	176186	41.59	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	138732	49.52	ug/l	98
28) Bromochloromethane	5.03	49	86767	50.48	ug/l	100
29) Tetrahydrofuran	5.18	42	279351	251.23	ug/l	100
30) Chloroform	5.23	83	225917	49.99	ug/l	97
31) Cyclohexane	5.58	56	189999	46.87	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	208586	48.45	ug/l	100
36) 1,1-Dichloropropene	5.81	75	168628	46.37	ug/l	99
37) Ethyl Acetate	4.87	43	175450	49.42	ug/l	99
38) Carbon Tetrachloride	5.79	117	188387	46.29	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	195485	44.77	ug/l	100
40) Benzene	6.15	78	489359	48.43	ug/l	99
41) Methacrylonitrile	5.07	41	101155	49.32	ug/l	99
42) 1,2-Dichloroethane	6.21	62	182826	48.45	ug/l	100
43) Isopropyl Acetate	6.48	43	294245	48.35	ug/l	100
44) Trichloroethene	7.22	130	149449	47.56	ug/l	98
45) 1,2-Dichloropropane	7.52	63	127000	49.36	ug/l	98
46) Dibromomethane	7.67	93	87541	48.80	ug/l	100
47) Bromodichloromethane	7.91	83	174470	48.19	ug/l	99
48) Methyl methacrylate	7.79	41	153806	48.75	ug/l	99
49) 1,4-Dioxane	7.77	88	58950	929.85	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	893170	249.84	ug/l	98
52) Toluene	8.79	92	320489	47.81	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	207586	47.80	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	198302	46.90	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	128764	48.39	ug/l	99
56) Ethyl methacrylate	9.19	69	199810	48.67	ug/l	99
57) 1,3-Dichloropropane	9.38	76	211323	49.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	473868	247.07	ug/l	100
59) 2-Hexanone	9.51	43	669142	242.45	ug/l	100
60) Dibromochloromethane	9.59	129	153123	48.09	ug/l	100
61) 1,2-Dibromoethane	9.68	107	139958	49.58	ug/l	99
64) Tetrachloroethene	9.34	164	148232	48.11	ug/l	99
65) Chlorobenzene	10.15	112	380571	48.01	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	142651	47.81	ug/l	99
67) Ethyl Benzene	10.26	91	629186	47.61	ug/l	100
68) m/p-Xylenes	10.37	106	494700	94.84	ug/l	100
69) o-Xylene	10.71	106	240925	47.92	ug/l	100
70) Styrene	10.72	104	407559	48.08	ug/l	100
71) Bromoform	10.87	173	130562	47.26	ug/l	100
73) Isopropylbenzene	11.02	105	649719	48.45	ug/l	100
74) N-amyl acetate	6.48	43	294245	48.73	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	191615	49.24	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	178644m	49.01	ug/l	
77) Bromobenzene	11.26	156	190032	48.36	ug/l	99
78) n-propylbenzene	11.37	91	729475	47.56	ug/l	100
79) 2-Chlorotoluene	11.43	91	434563	47.94	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	550687	47.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59155	44.64	ug/l	97
82) 4-Chlorotoluene	11.52	91	517935	47.33	ug/l	100
83) tert-Butylbenzene	11.77	119	567001	48.06	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	567601	47.68	ug/l	99
85) sec-Butylbenzene	11.95	105	660833	47.48	ug/l	100
86) p-Isopropyltoluene	12.07	119	613497	47.27	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	345494	47.50	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	352085	47.23	ug/l	99
89) n-Butylbenzene	12.40	91	528233	46.11	ug/l	100
90) Hexachloroethane	12.60	117	99858	45.47	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	342838	48.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	45136	46.29	ug/l	99

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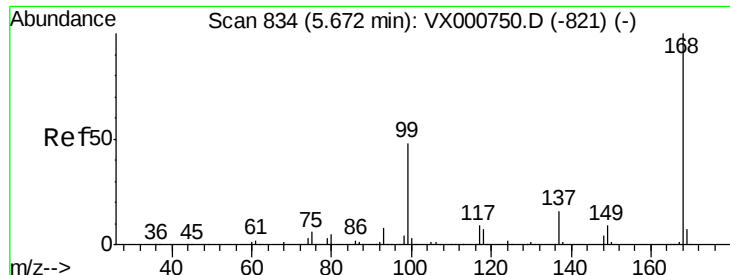
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	281133	46.92	ug/l	99
94) Hexachlorobutadiene	13.79	225	135671	46.05	ug/l	100
95) Naphthalene	13.84	128	764264	49.69	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	280764	48.24	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. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 243889

Ion Ratio Lower Upper

168 100

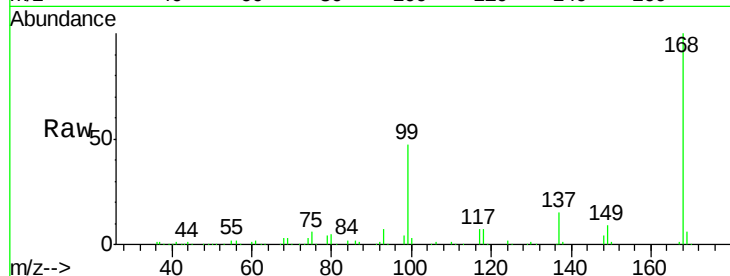
99 46.9 38.3 57.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

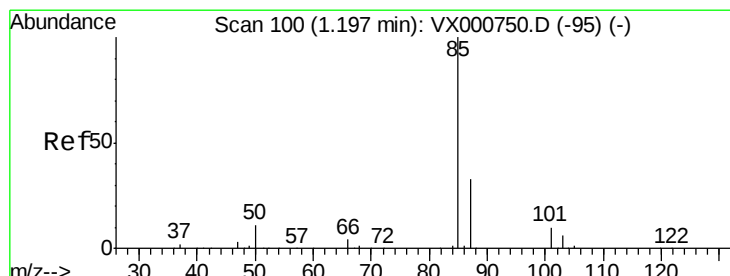
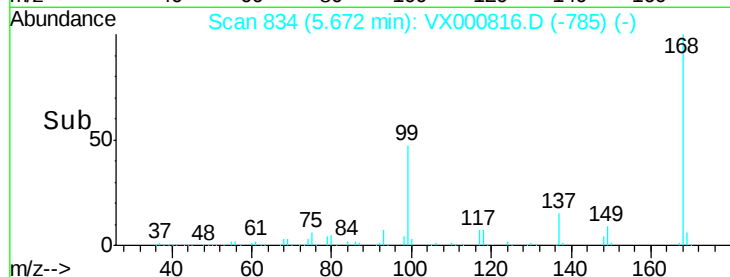
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.92 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000816.D

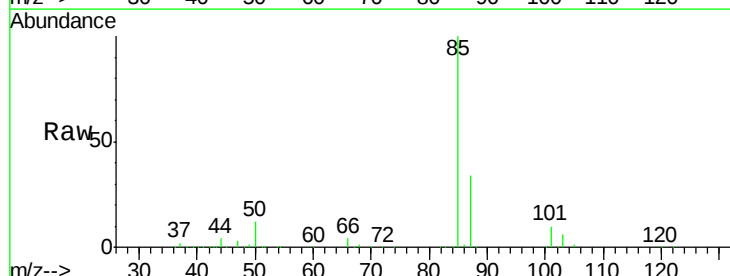
Acq: 12 Apr 2018 21:39

Tgt Ion: 85 Resp: 131920

Ion Ratio Lower Upper

85 100

87 33.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

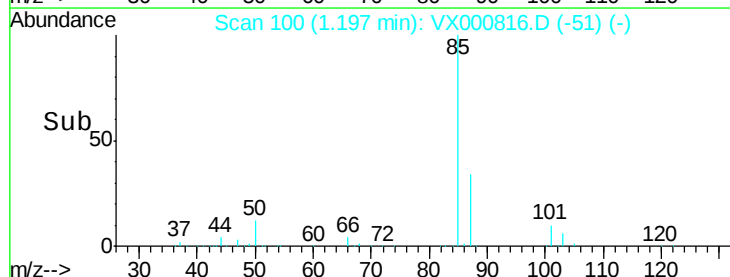
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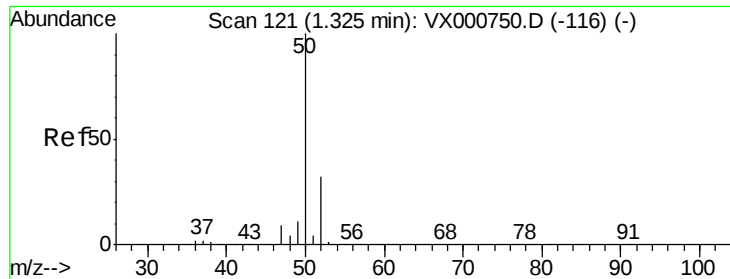
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.91 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 108359

Ion Ratio Lower Upper

50 100

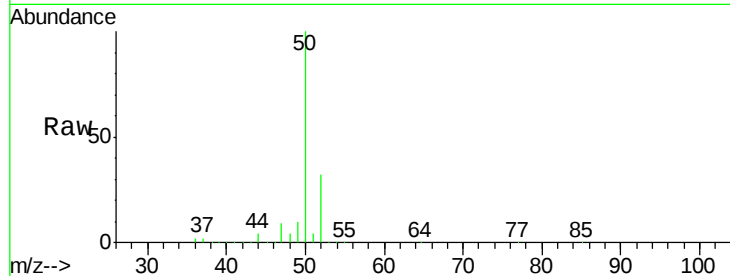
52 32.3 25.8 38.8

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

120000

100000

80000

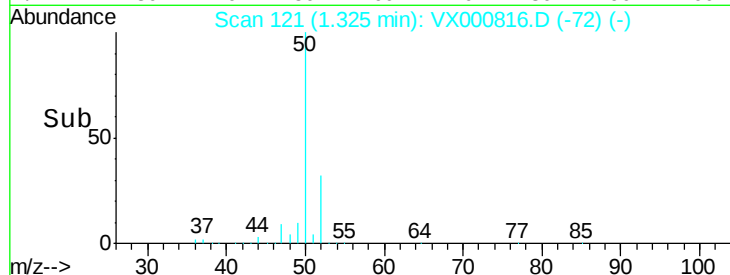
60000

40000

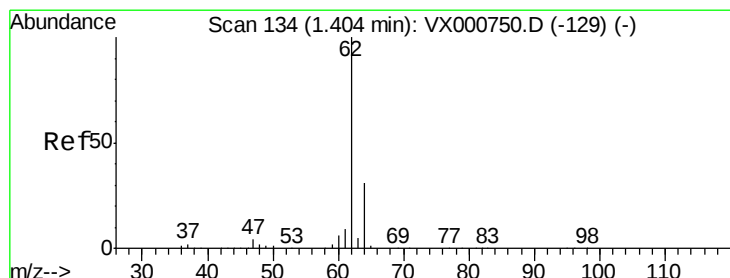
20000

0

Time-->



Time-->



#4

Vinyl Chloride

Concen: 48.93 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000816.D

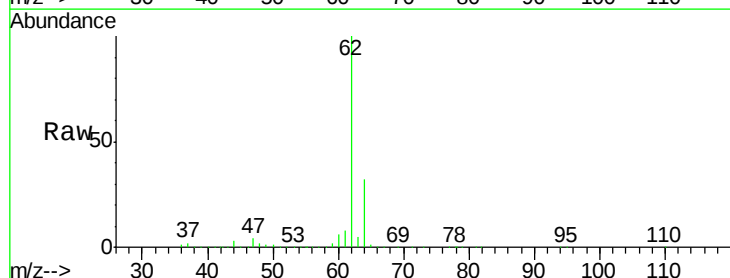
Acq: 12 Apr 2018 21:39

Tgt Ion: 62 Resp: 129904

Ion Ratio Lower Upper

62 100

64 31.7 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

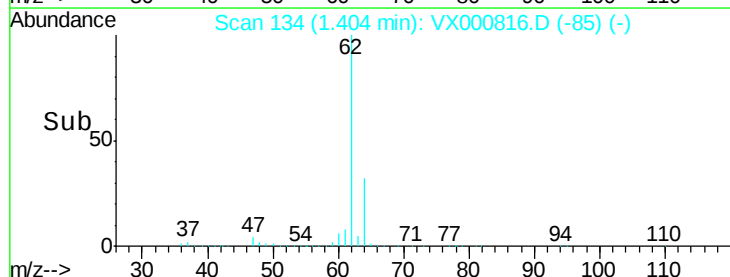
Ion 63.90 (63.60 to 64.60): VX0

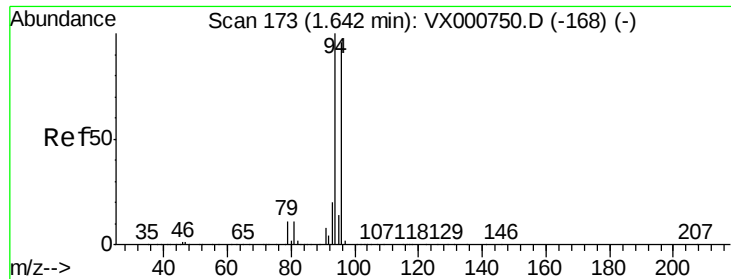
100000

50000

0

Time-->





#5

Bromomethane

Concen: 48.59 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 53445

Ion Ratio Lower Upper

94 100

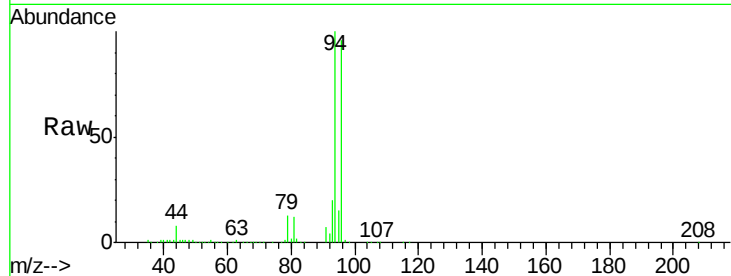
96 96.3 77.0 115.6

Manual Integrations

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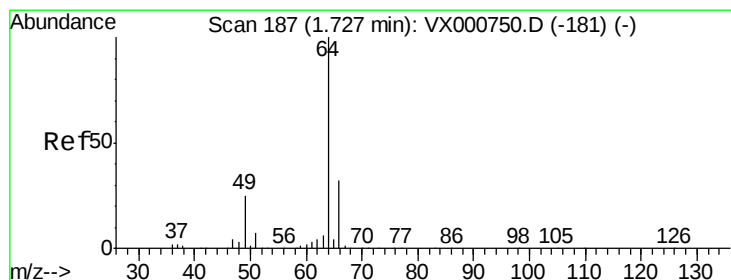
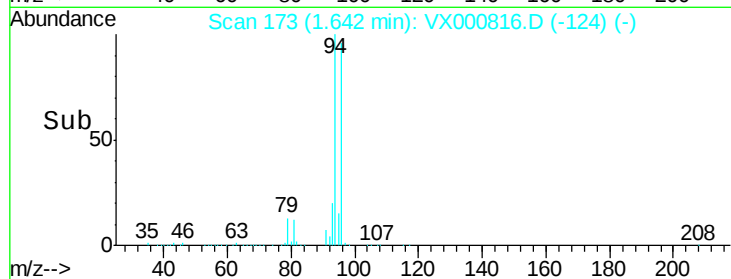
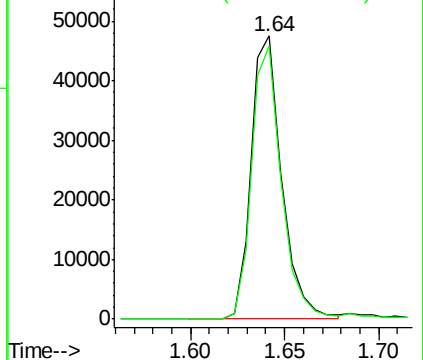
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.11 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000816.D

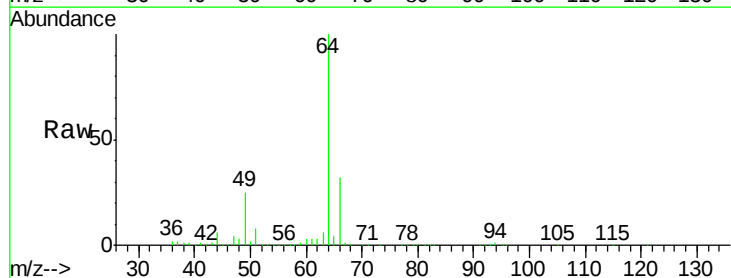
Acq: 12 Apr 2018 21:39

Tgt Ion: 64 Resp: 80636

Ion Ratio Lower Upper

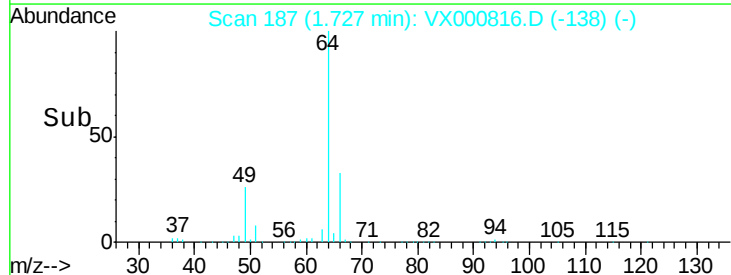
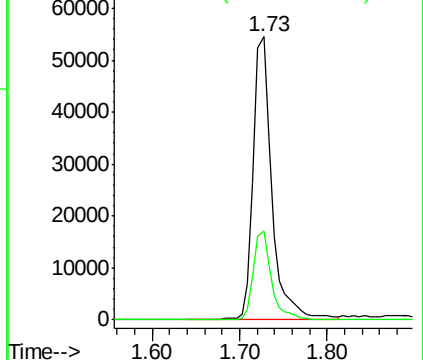
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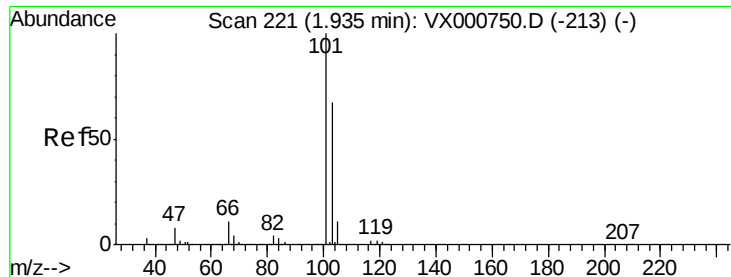
66 31.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

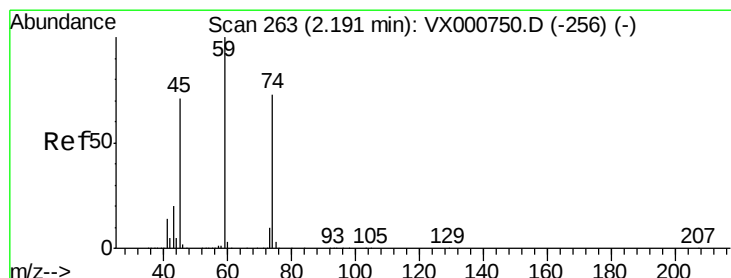
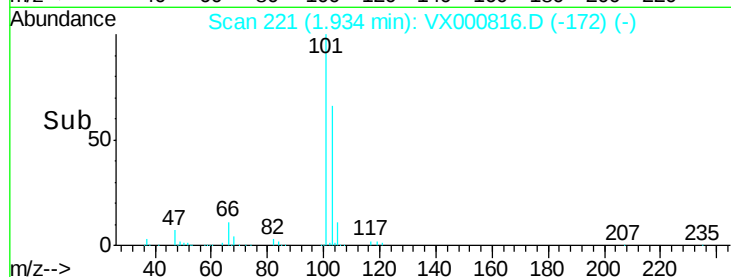
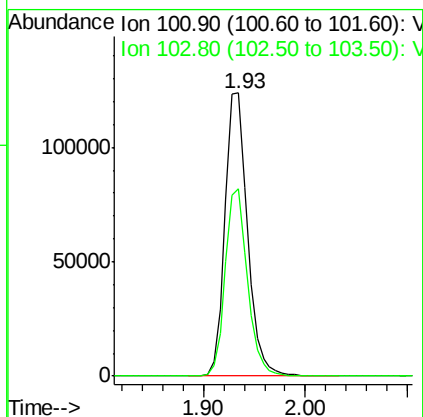
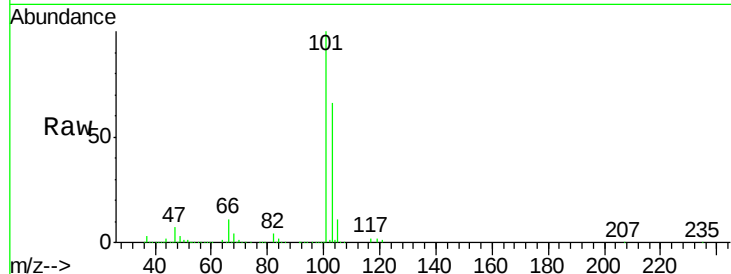
Trichlorofluoromethane
 Concen: 47.25 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	189261		
103	66.2	53.2	79.8	

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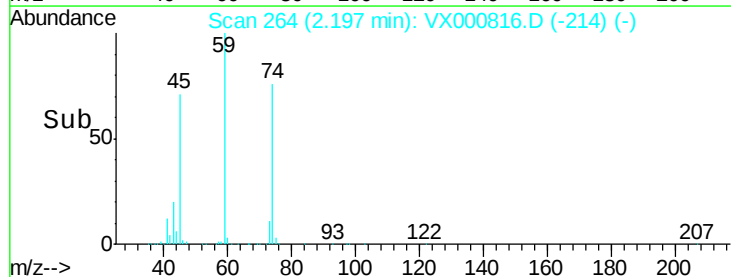
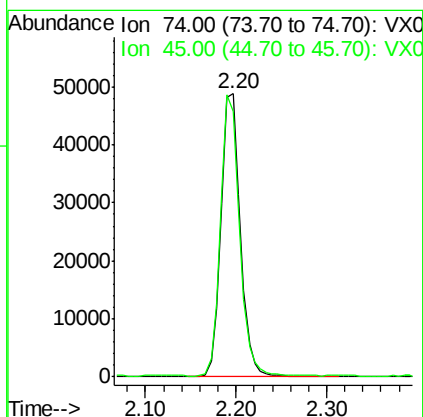
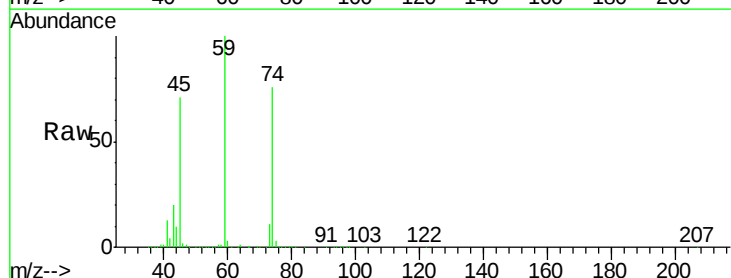
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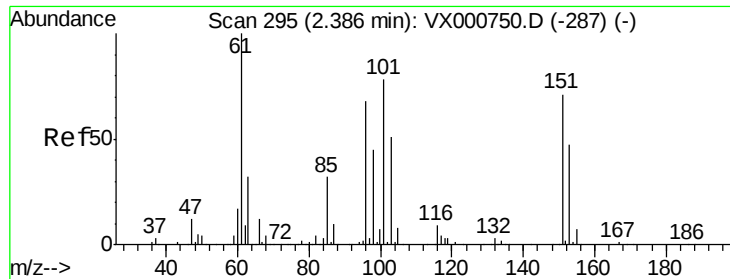


#8

Diethyl Ether
 Concen: 48.68 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.01 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	72849		
45	97.4	48.6	145.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.05 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000816.D

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Instrument :

MSVOA_X

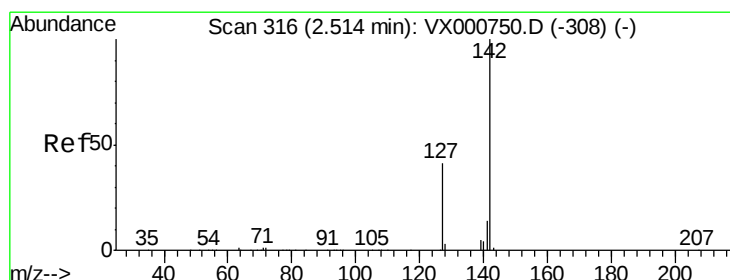
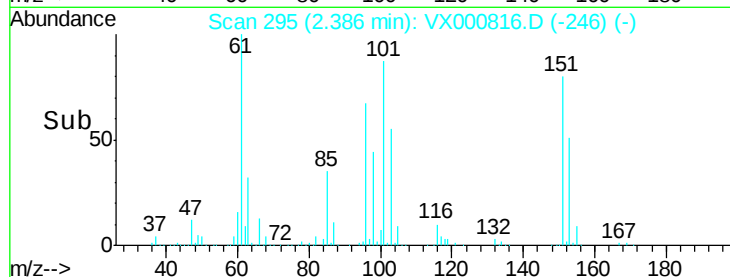
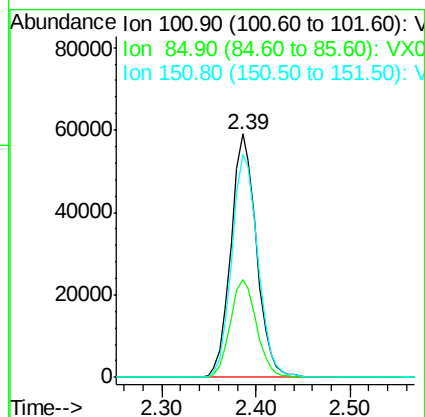
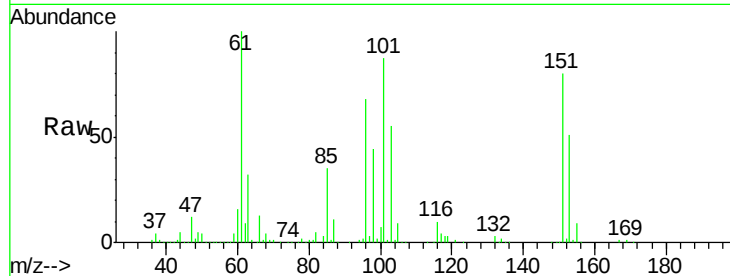
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	111137
Ion Ratio	Lower	Upper	
101	100		
85	41.5	34.0	51.0
151	93.9	75.8	113.8

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#10

Methyl Iodide

Concen: 35.76 ug/l

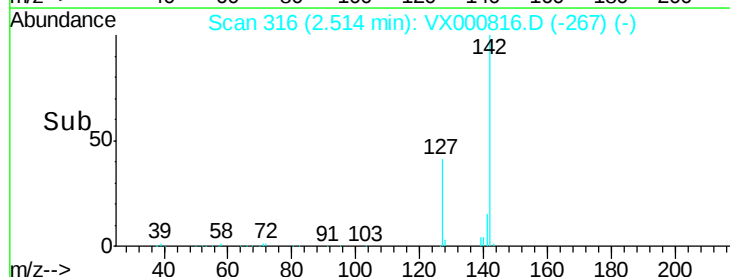
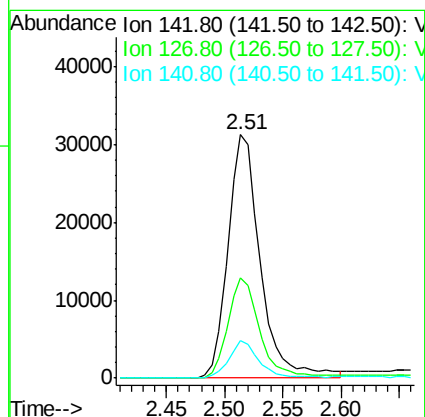
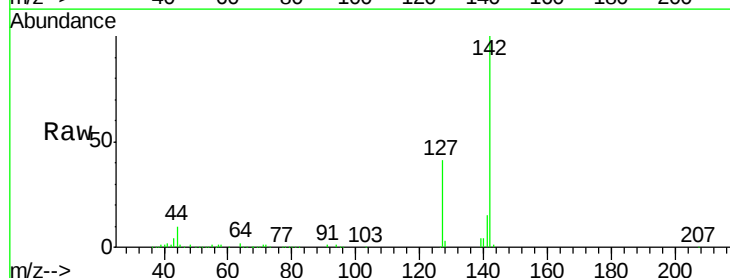
RT: 2.51 min Scan# 316

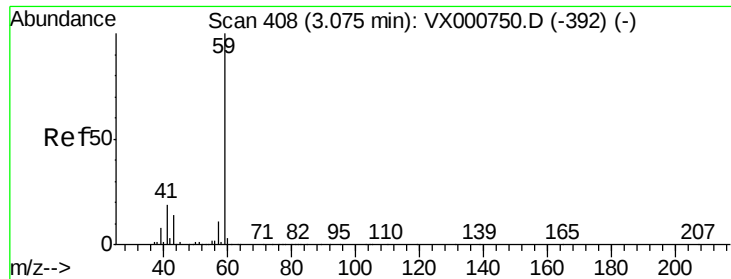
Delta R.T. 0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Tgt Ion:	142	Resp:	60580
Ion Ratio	Lower	Upper	
142	100		
127	41.1	32.6	49.0
141	14.4	11.5	17.3





#11

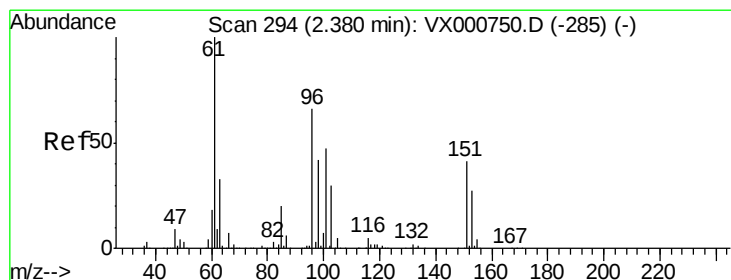
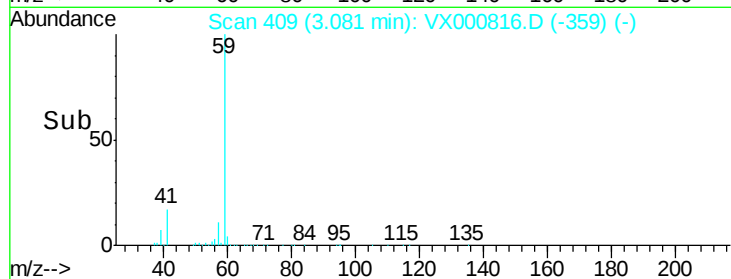
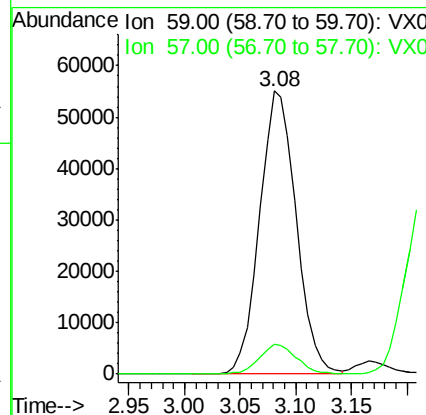
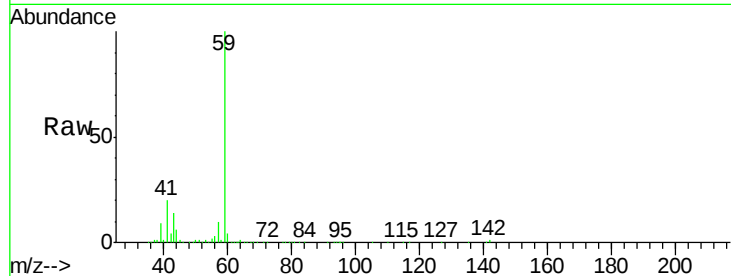
Tert butyl alcohol
Concen: 231.26 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	126264
Ion Ratio	100	Lower	Upper
57	10.4	8.4	12.6

Manual Integrations
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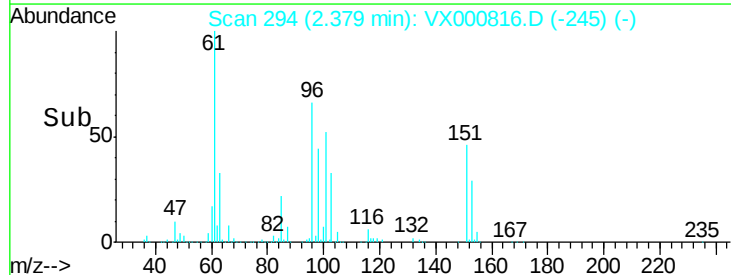
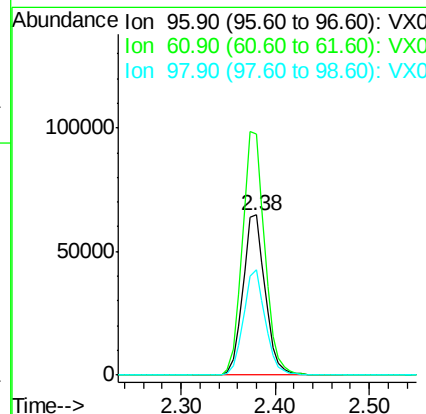
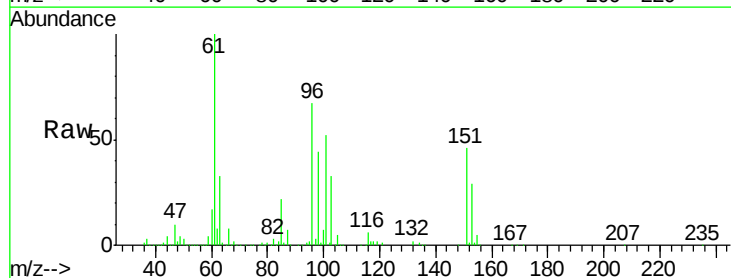
apatel
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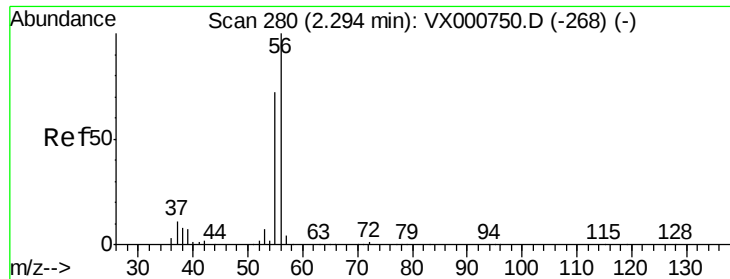


#12

1,1-Dichloroethene
Concen: 47.46 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion	96	Resp	106246
Ion Ratio	100	Lower	Upper
61	150.5	120.5	180.7
98	65.9	50.9	76.3





#13

Acrolein

Concen: 184.31 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 48869

Ion Ratio Lower Upper

56 100

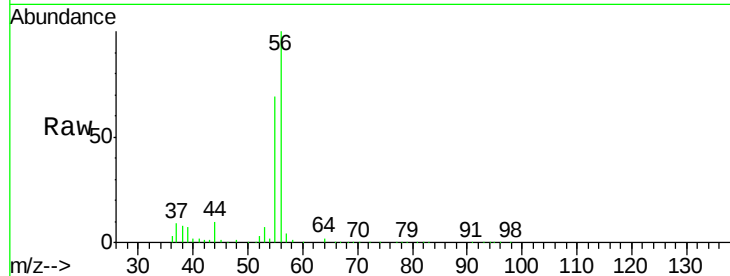
55 69.4 58.7 88.1

Manual Integrations

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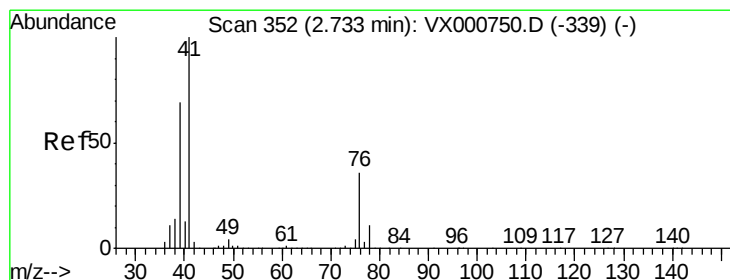
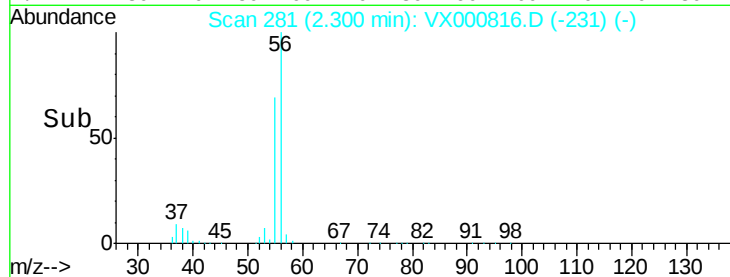
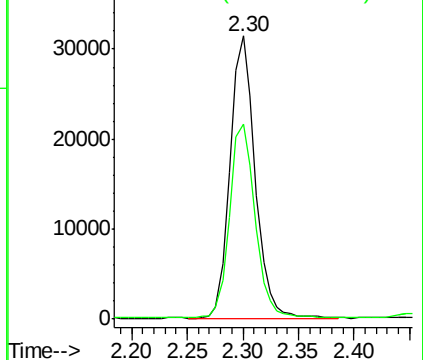
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.61 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

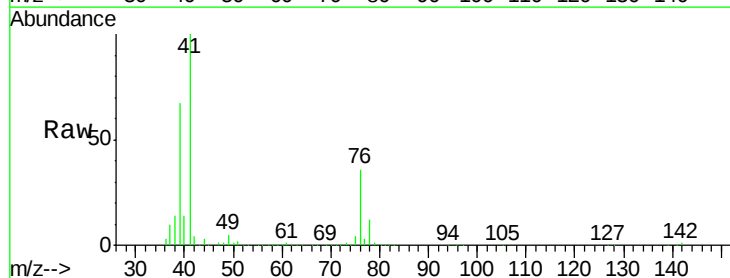
Tgt Ion: 41 Resp: 197076

Ion Ratio Lower Upper

41 100

39 62.6 51.5 77.3

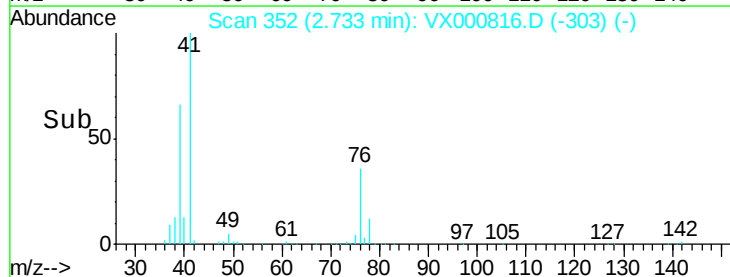
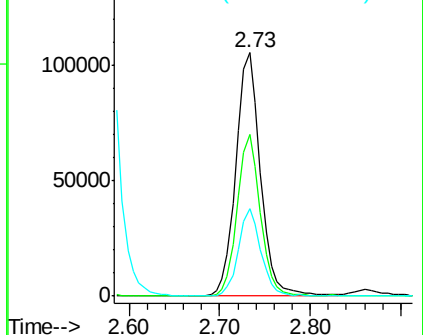
76 33.0 26.5 39.7



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





#15

Acrylonitrile

Concen: 259.73 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

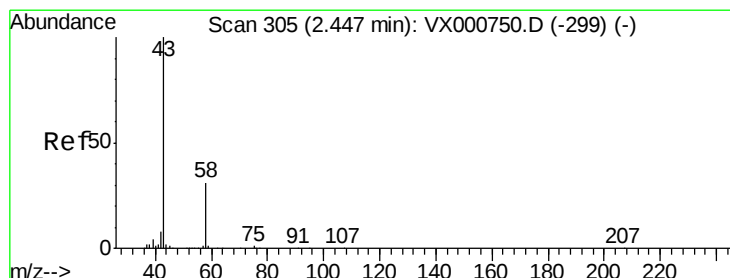
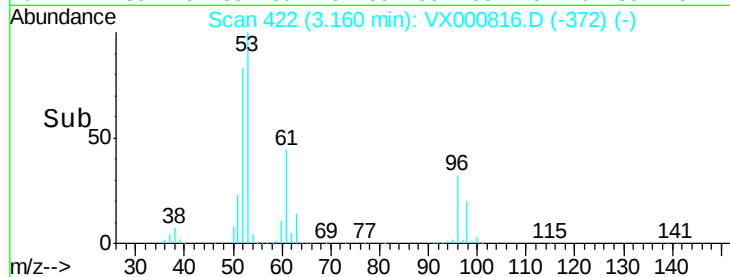
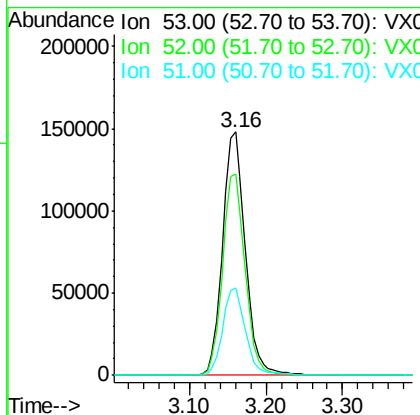
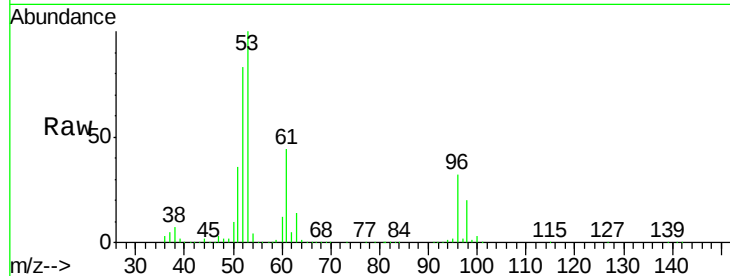
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	302332
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.5	99.7
51	35.9	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 226.36 ug/l

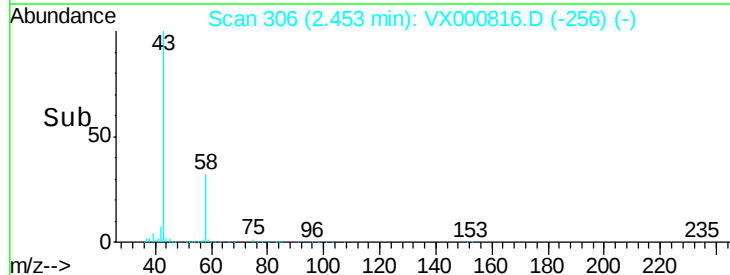
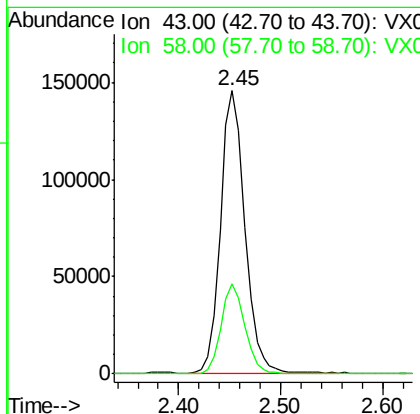
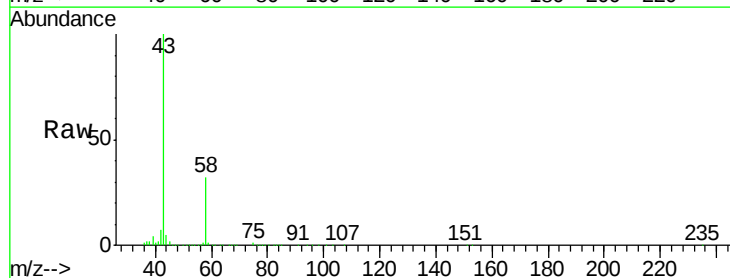
RT: 2.45 min Scan# 306

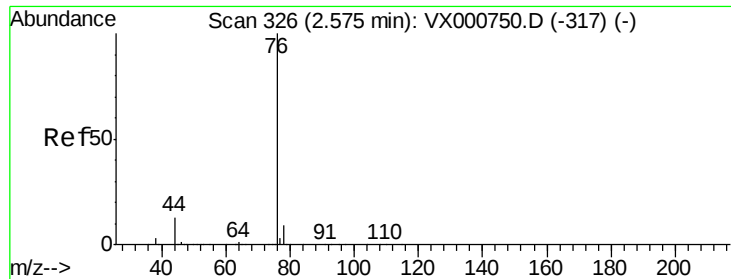
Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Tgt Ion:	43	Resp:	240052
Ion Ratio	Lower	Upper	
43	100		
58	31.7	24.6	37.0





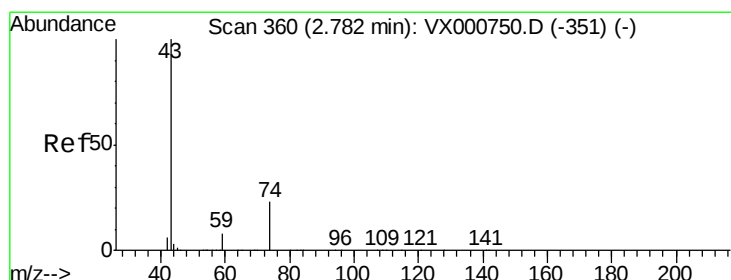
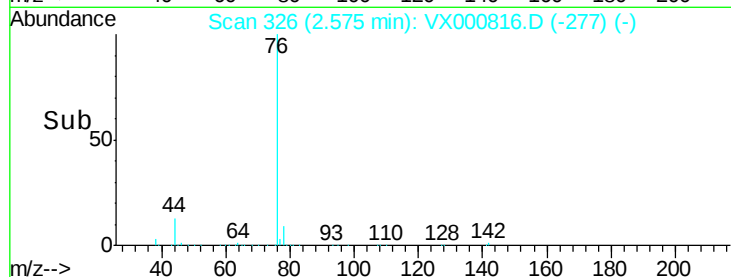
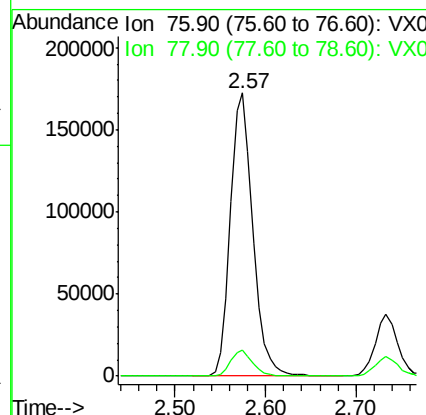
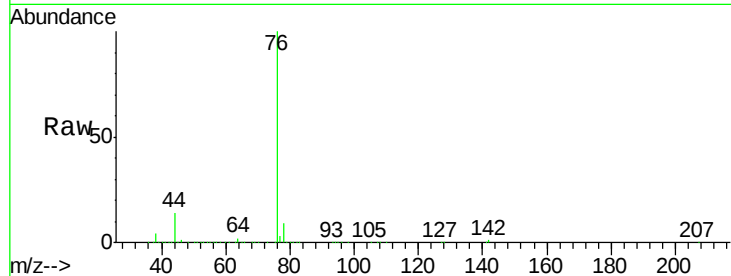
#17
Carbon Disulfide
Concen: 43.71 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

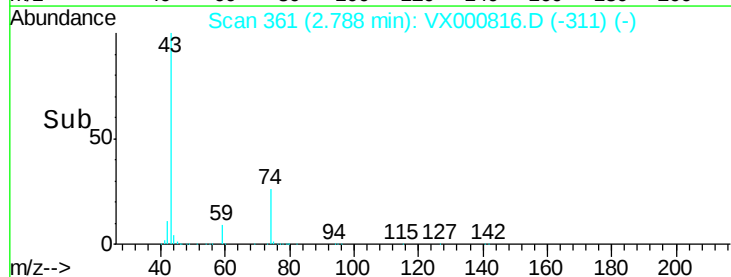
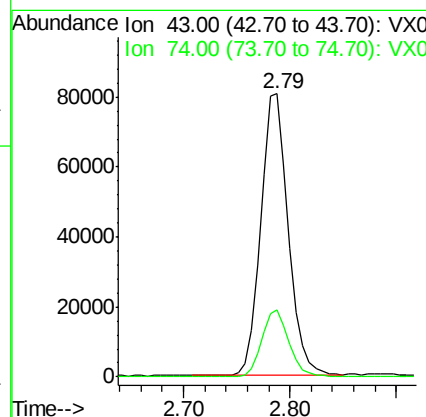
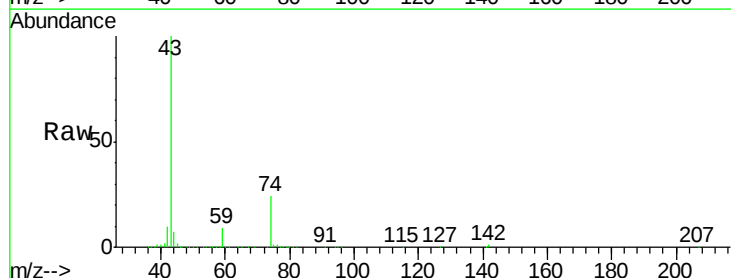
Manual Integrations
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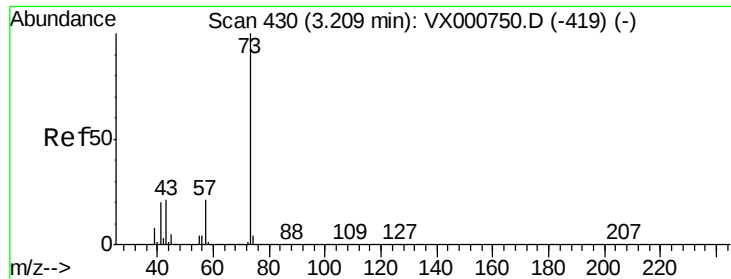
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#18
Methyl Acetate
Concen: 53.22 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	19.1	28.7





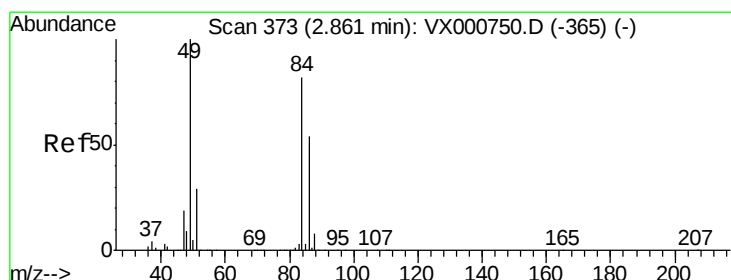
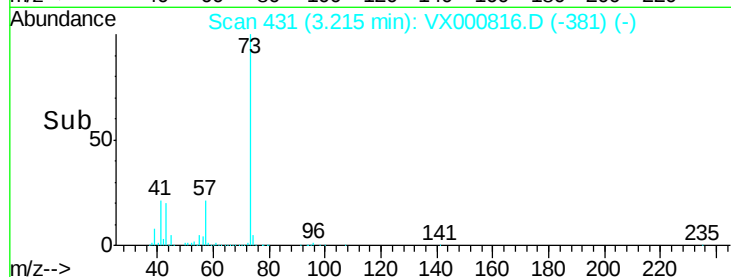
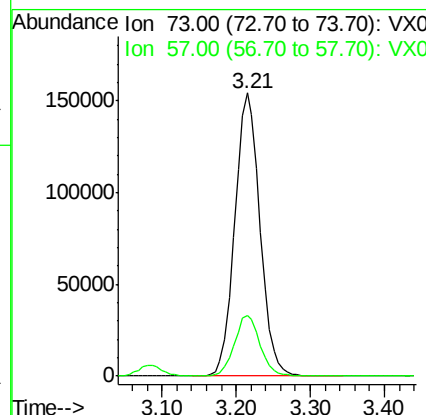
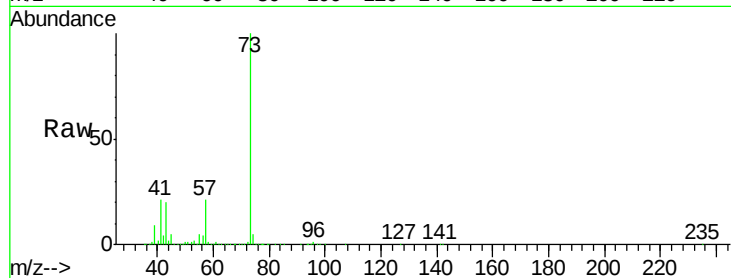
#19
Methvl tert-butvl Ether
Concen: 48.88 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.9	25.3

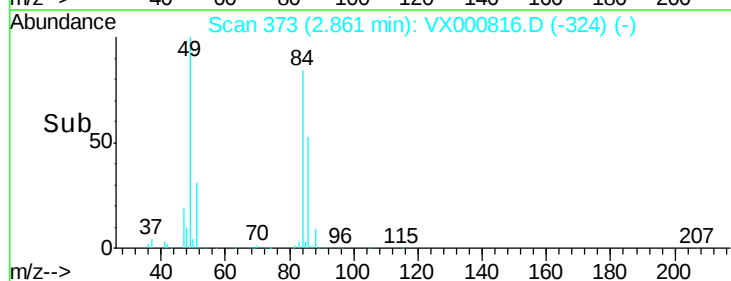
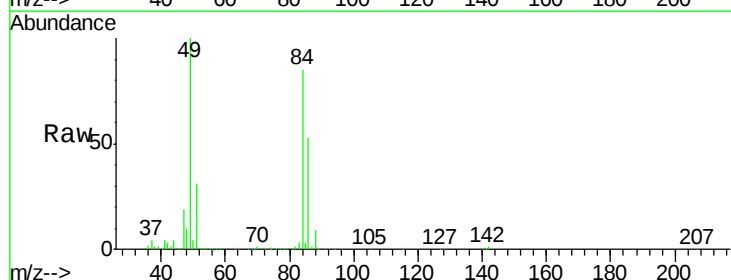
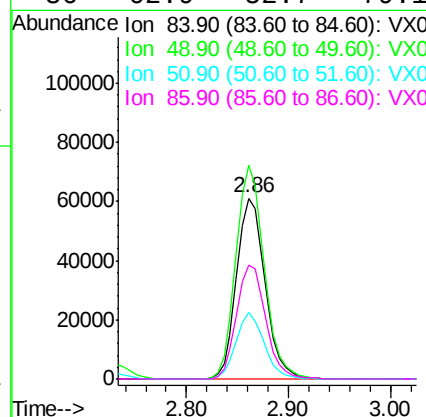
Manual Integrations
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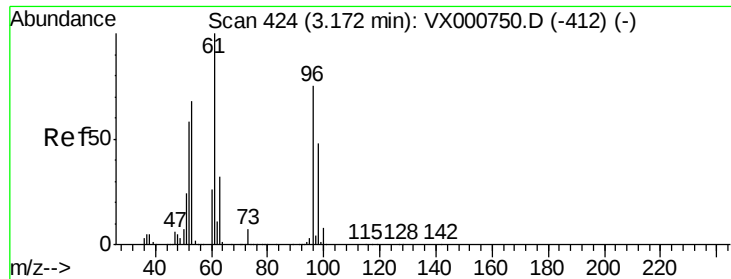
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#20
Methylene Chloride
Concen: 47.92 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.3	98.1	147.1
51	36.9	28.9	43.3
86	62.9	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 46.63 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

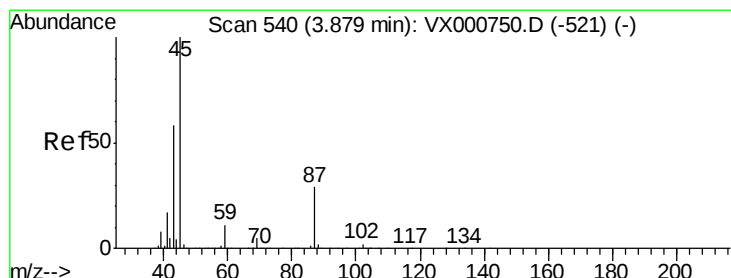
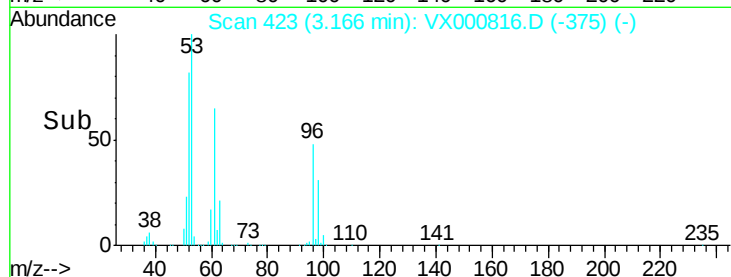
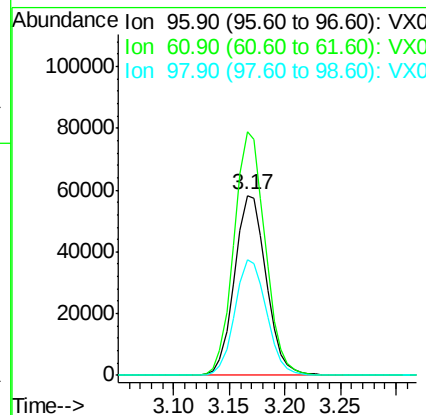
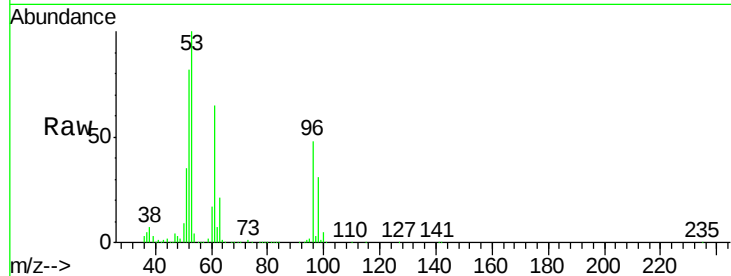
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	115094
Ion	Ratio	Lower	Upper
96	100		
61	135.3	106.2	159.2
98	64.1	51.2	76.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.91 ug/l

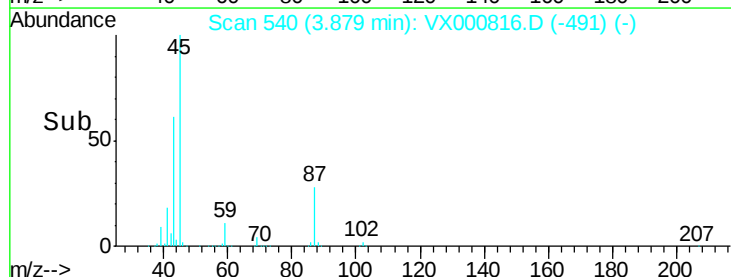
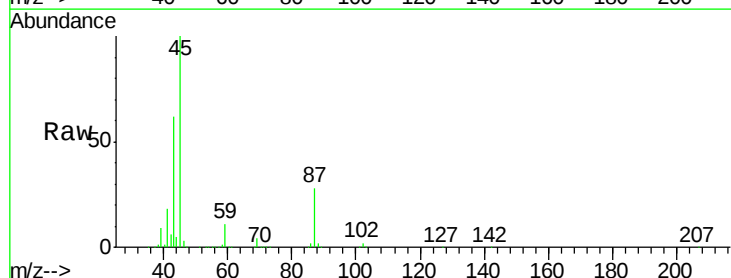
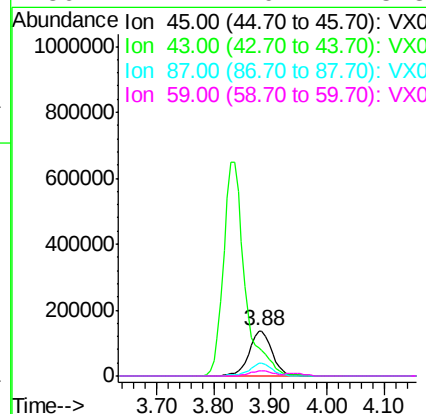
RT: 3.88 min Scan# 540

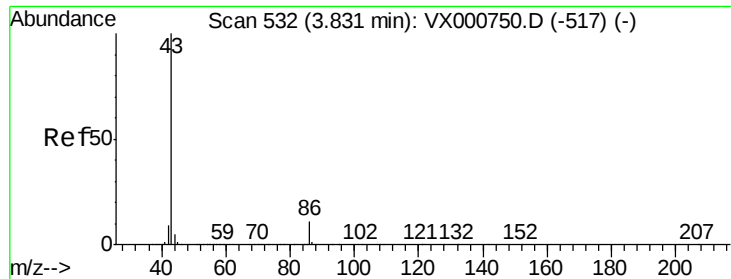
Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Tgt Ion:	45	Resp:	387233
Ion	Ratio	Lower	Upper
45	100		
43	61.5	46.6	69.8
87	27.9	22.9	34.3
59	11.1	9.2	13.8





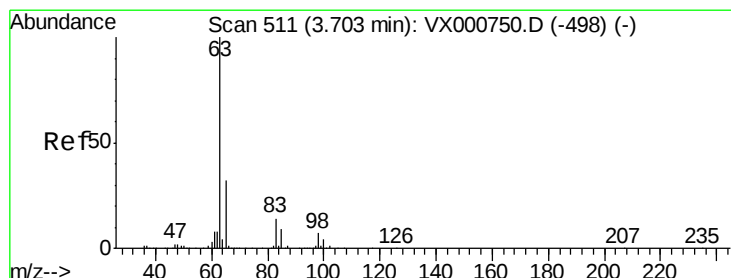
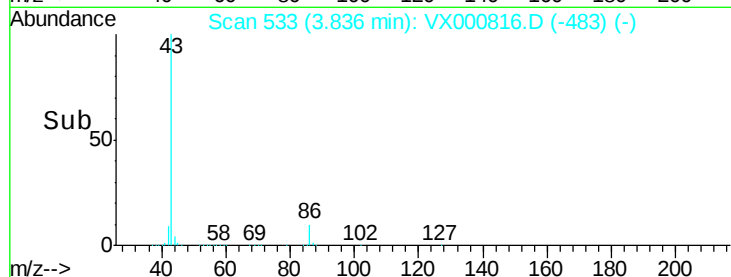
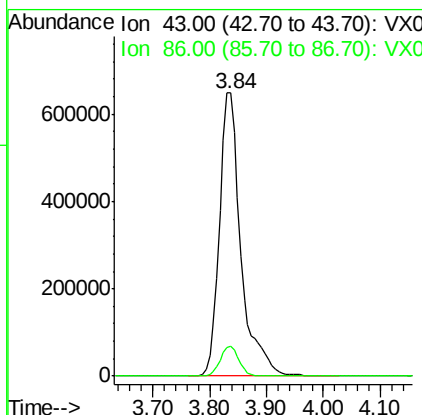
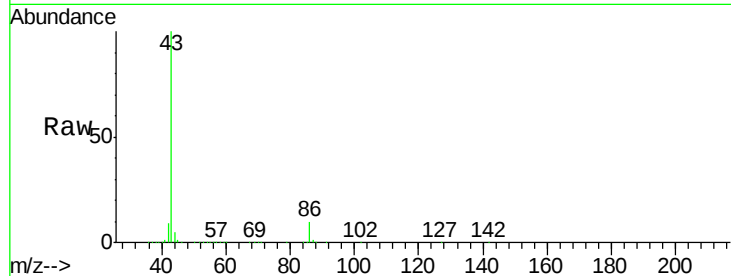
#23
 Vinyl Acetate
 Concen: 254.04 ug/l
 RT: 3.84 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1696575
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8

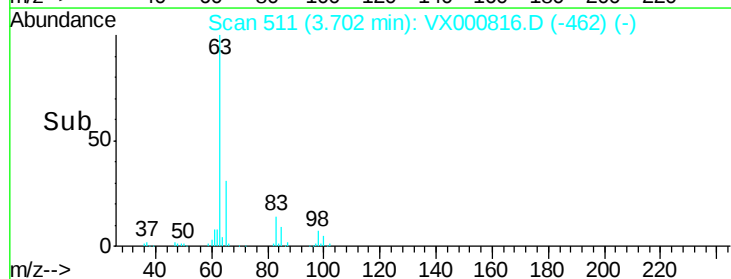
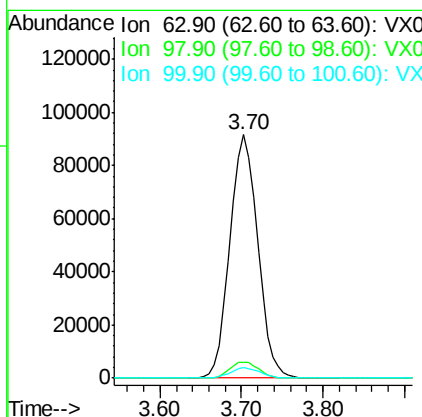
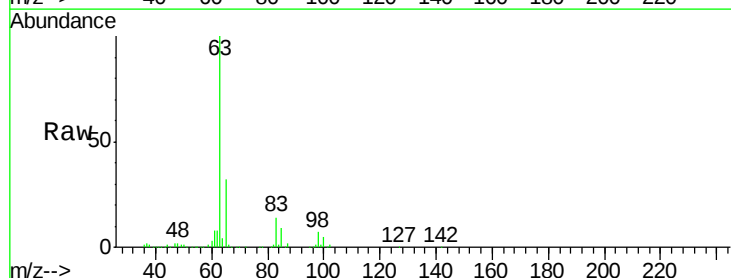
Manual Integrations
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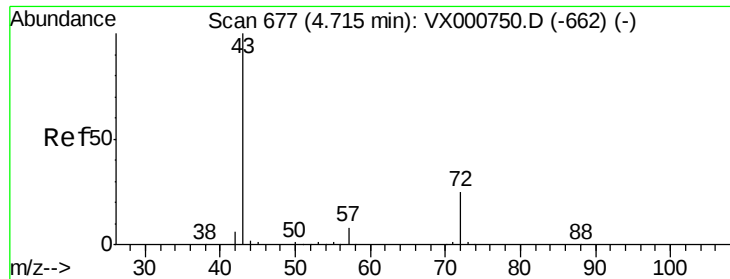
apatel
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#24
 1,1-Dichloroethane
 Concen: 50.67 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion: 63 Resp: 216283
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.6 2.1 6.3





#25

2-Butanone

Concen: 246.87 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 432330

Ion Ratio Lower Upper

43 100

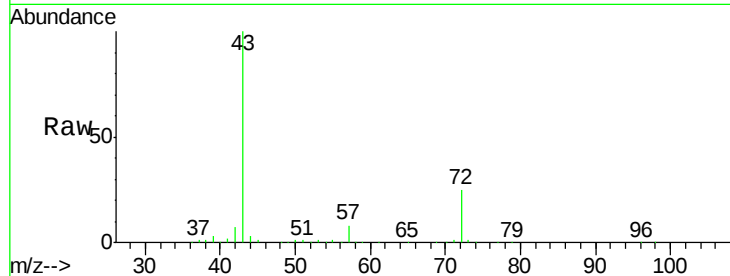
72 25.1 20.3 30.5

Manual Integrations

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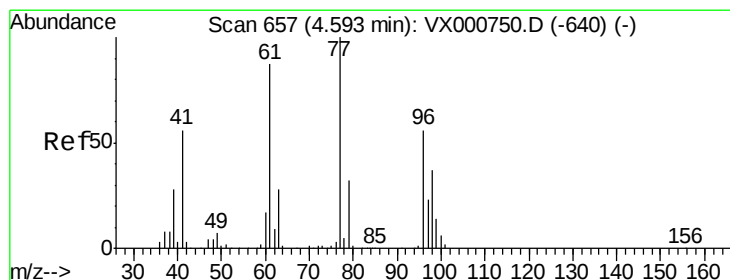
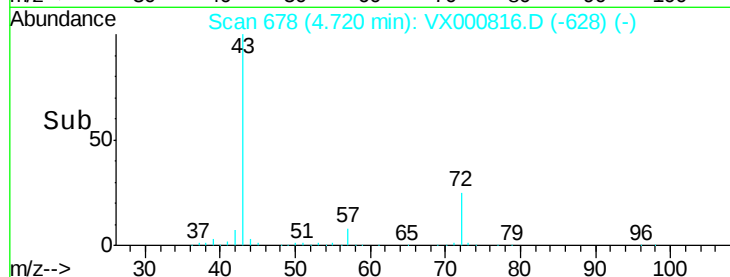
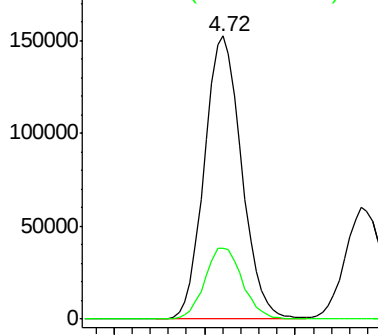
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 41.59 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000816.D

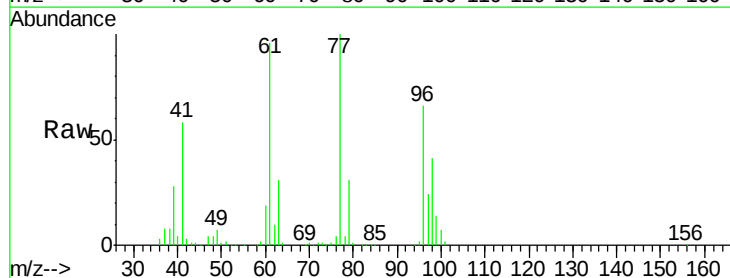
Acq: 12 Apr 2018 21:39

Tgt Ion: 77 Resp: 176186

Ion Ratio Lower Upper

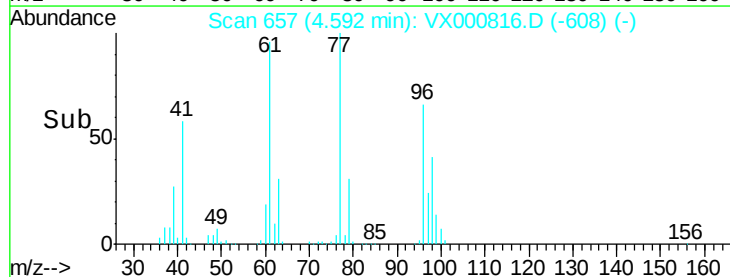
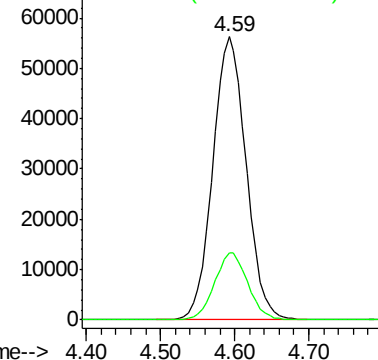
77 100

97 23.6 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 49.52 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

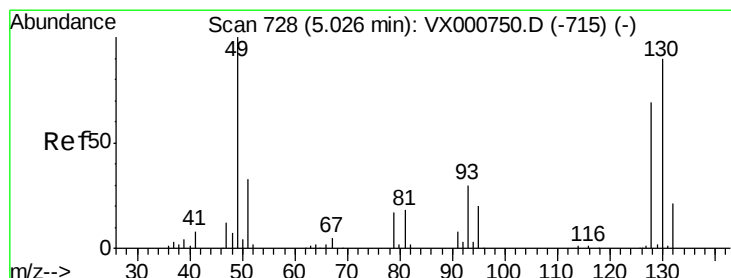
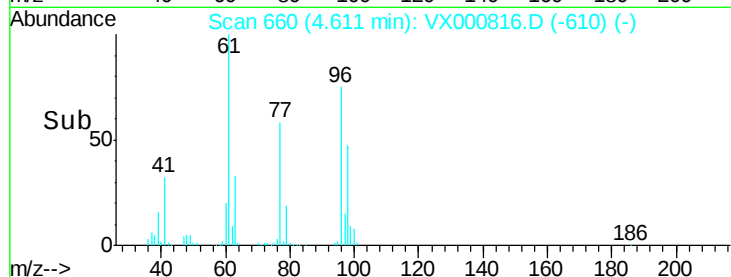
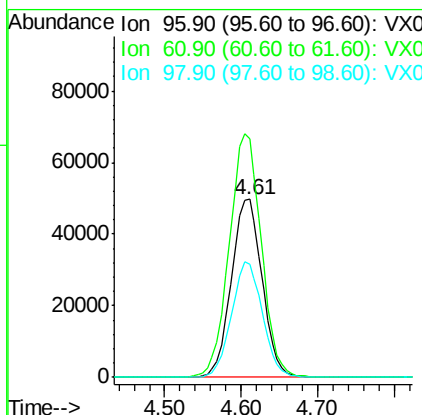
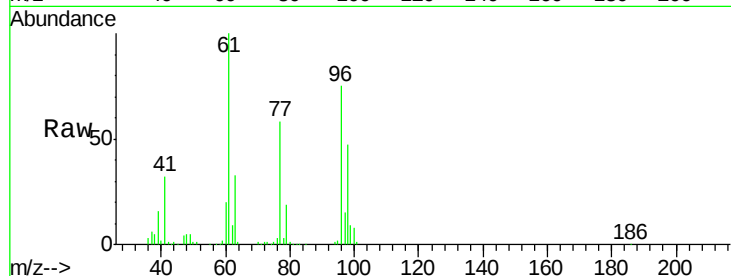
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	138732
Ion Ratio	Lower	Upper	
96	100		
61	142.0	0.0	292.4
98	64.8	0.0	130.2

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#28

Bromochloromethane

Concen: 50.48 ug/l

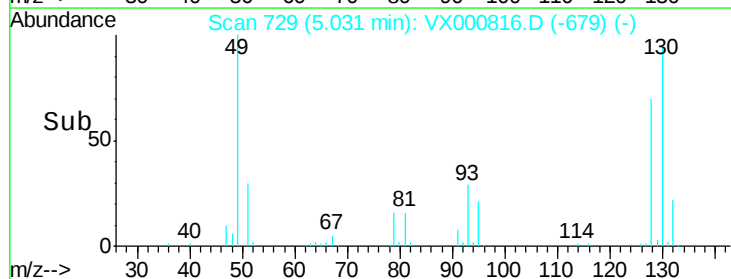
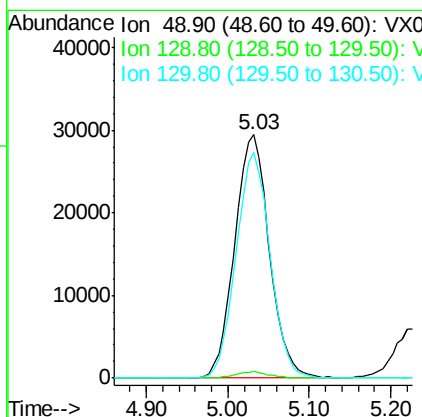
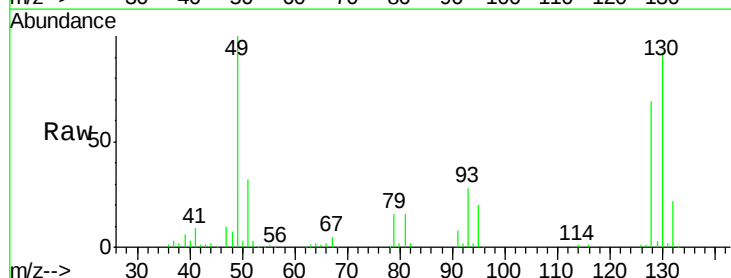
RT: 5.03 min Scan# 729

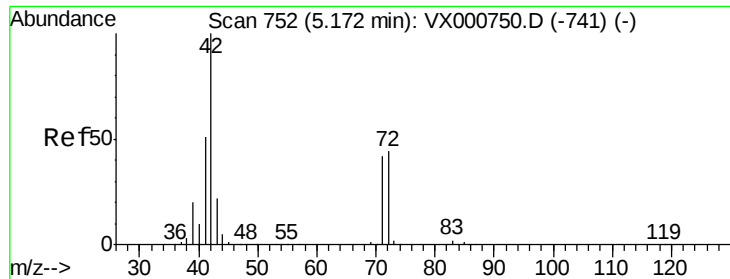
Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Tgt Ion:	49	Resp:	86767
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	5.2
130	91.2	72.6	109.0





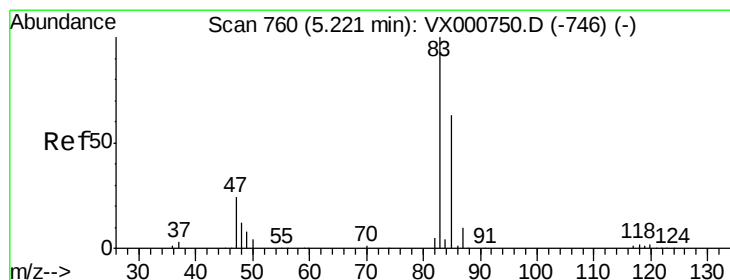
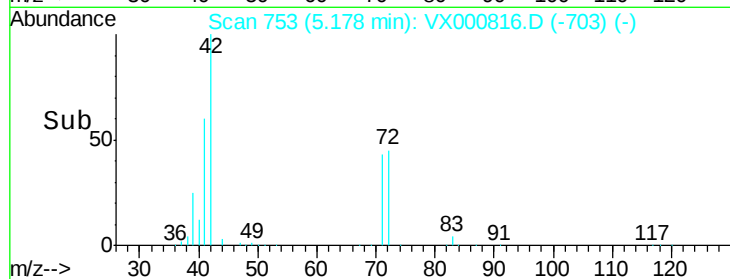
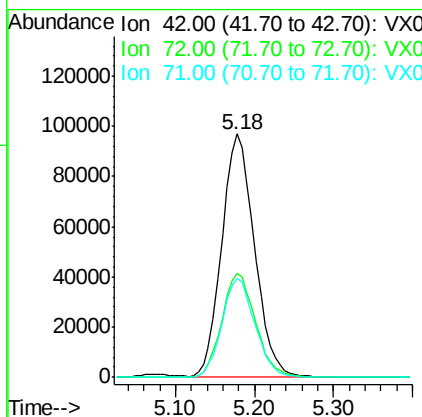
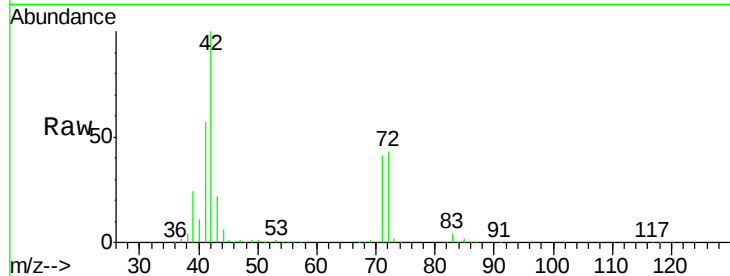
#29
Tetrahydrofuran
Concen: 251.23 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.1	52.7
71	41.2	32.8	49.2

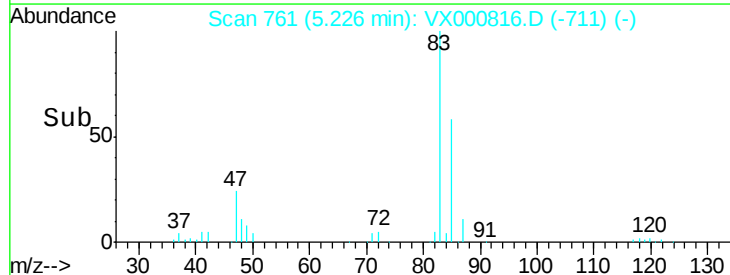
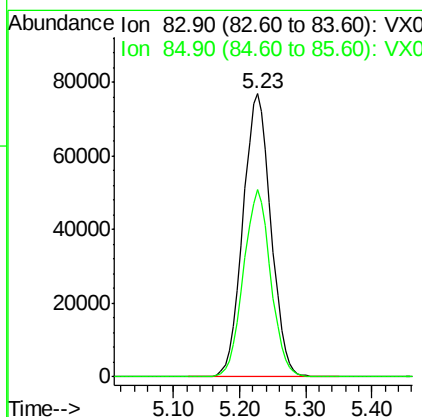
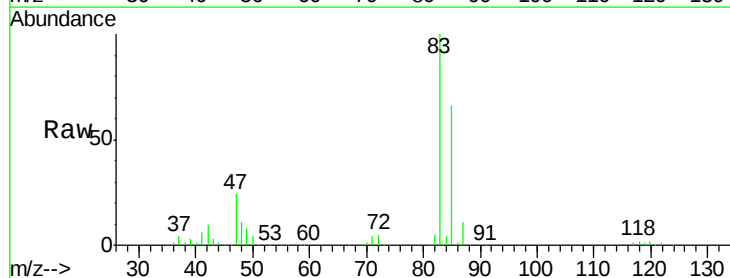
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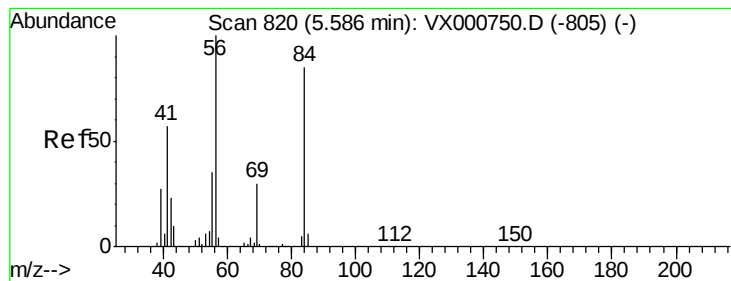
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#30
Chloroform
Concen: 49.99 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.7	76.1





#31

Cyclohexane

Concen: 46.87 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

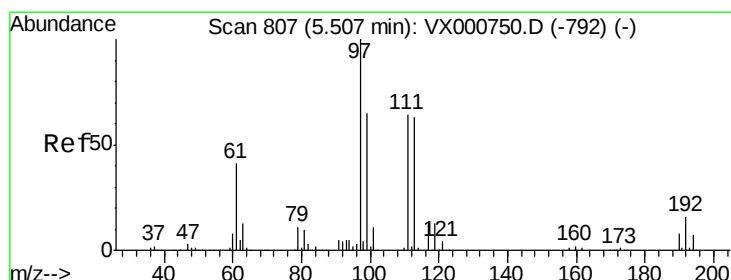
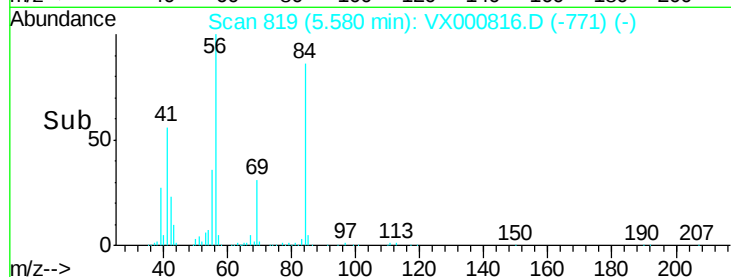
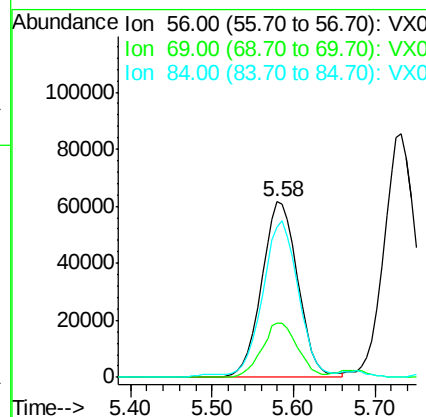
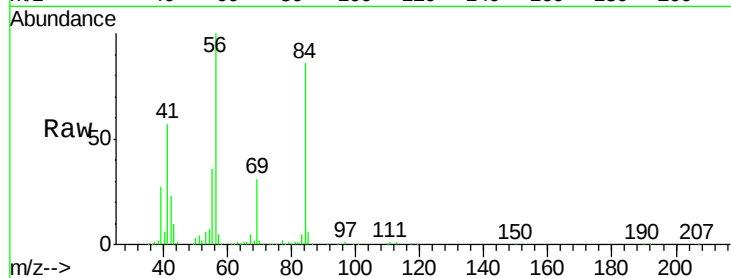
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	189999
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.2	36.4
84	85.1	67.6	101.4

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#32

1,1,1-Trichloroethane

Concen: 48.45 ug/l

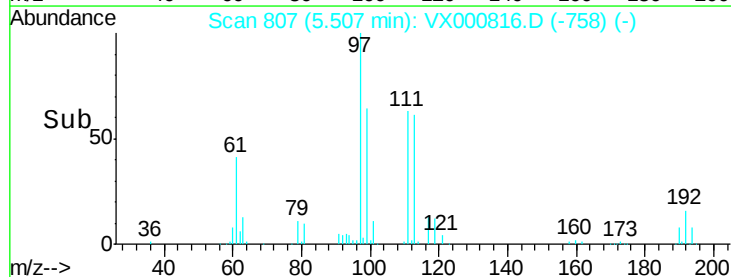
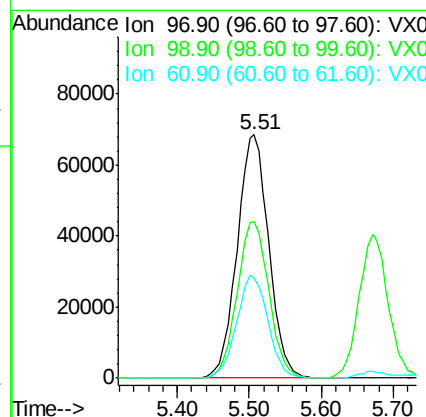
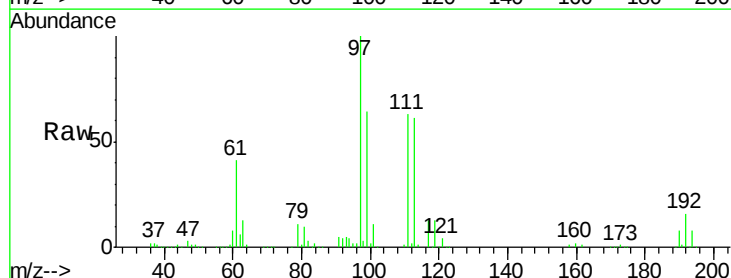
RT: 5.51 min Scan# 807

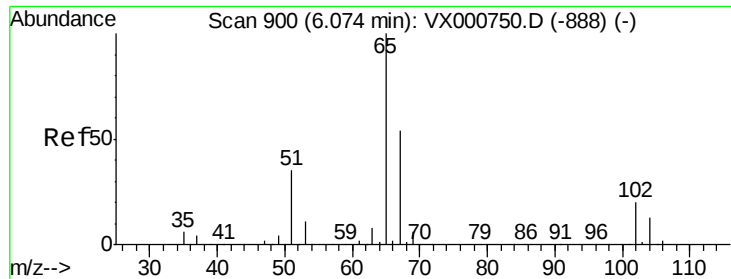
Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Tgt Ion:	97	Resp:	208586
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	42.1	33.7	50.5





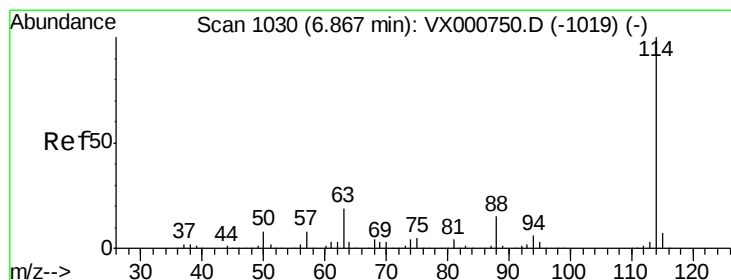
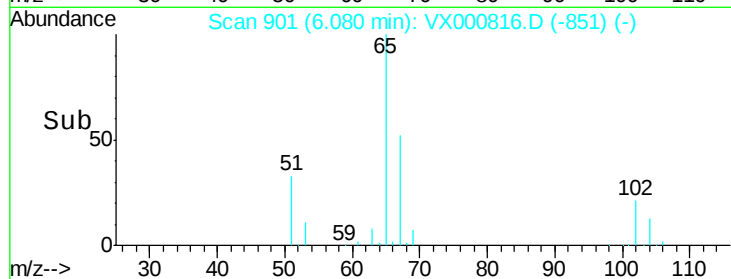
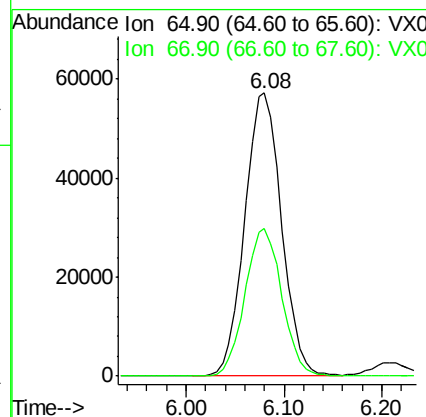
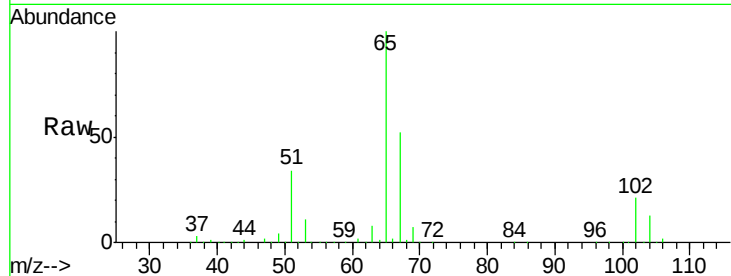
#33
 1,2-Dichloroethane-d4
 Concen: 48.60 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	149446		
67	52.4	0.0	103.8	

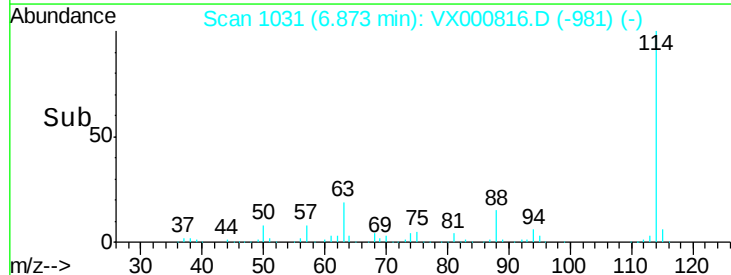
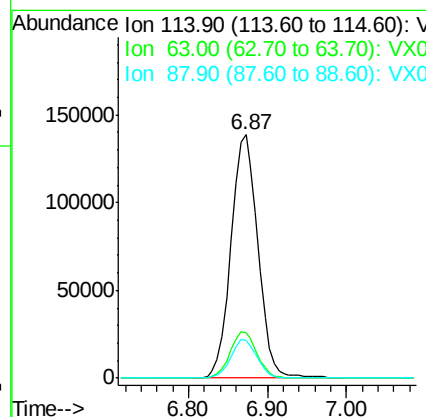
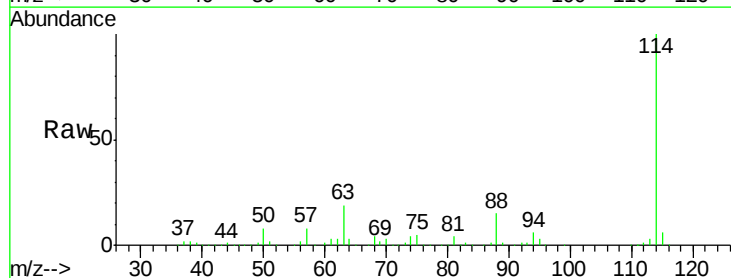
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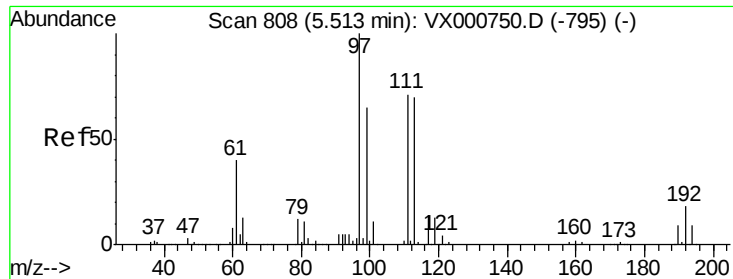
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	330179		
63	18.7	0.0	38.4	
88	15.2	0.0	31.0	





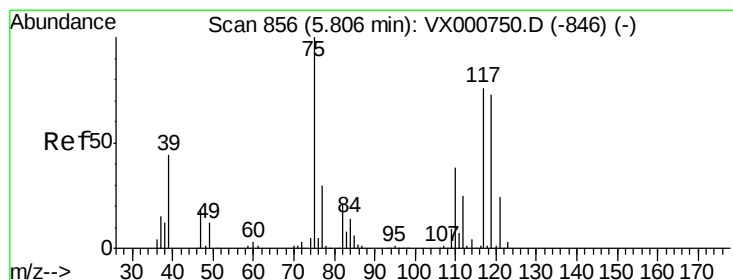
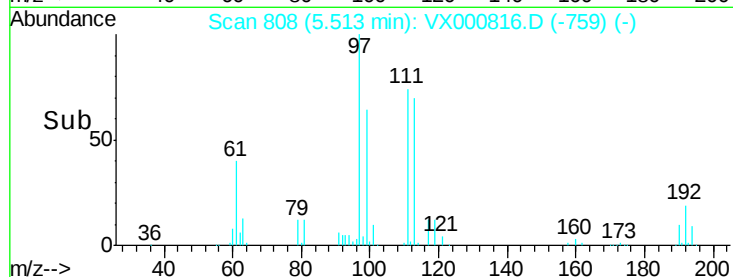
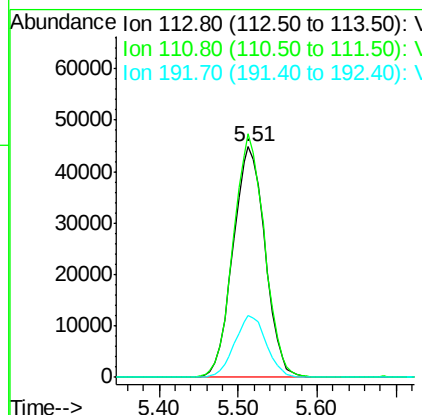
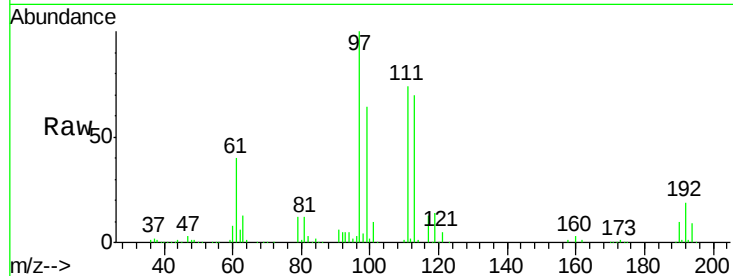
#35
 Dibromofluoromethane
 Concen: 49.80 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	126695		
111	103.3	81.5	122.3	
192	26.6	20.4	30.6	

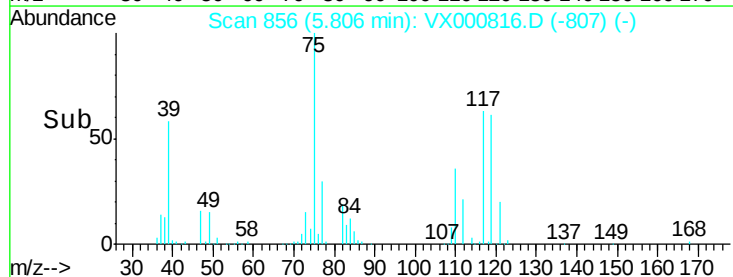
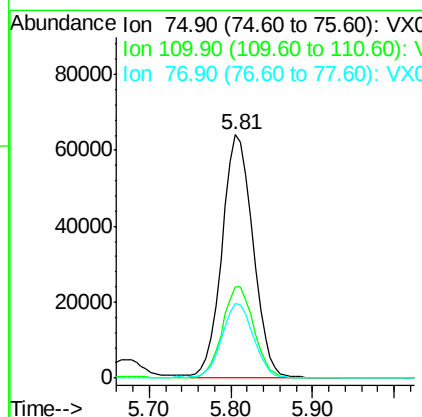
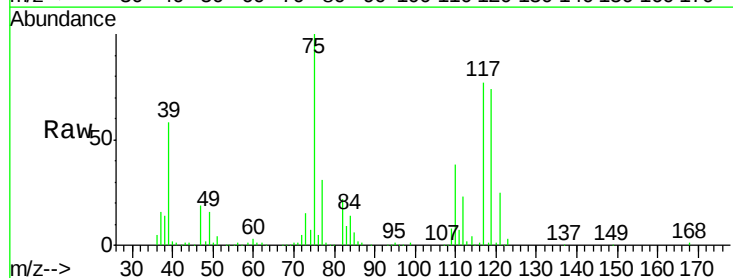
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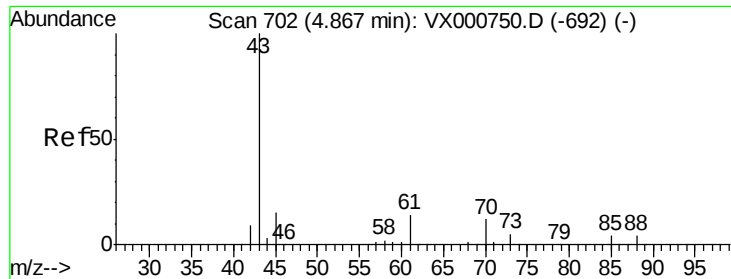
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#36
 1,1-Dichloropropene
 Concen: 46.37 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	168628		
110	38.4	19.2	57.6	
77	31.2	25.4	38.2	





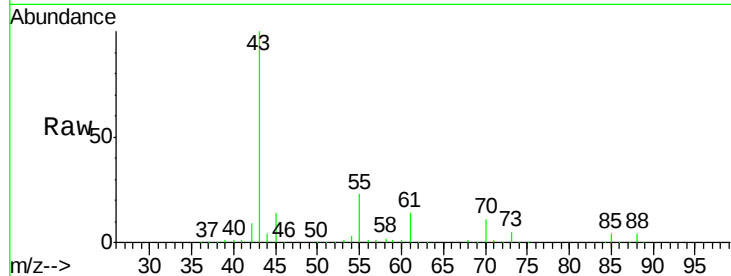
#37
Ethyl Acetate
Concen: 49.42 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

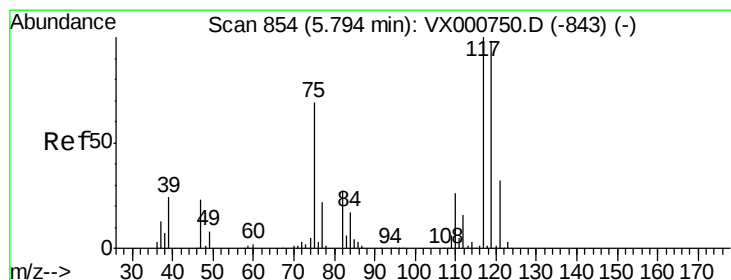
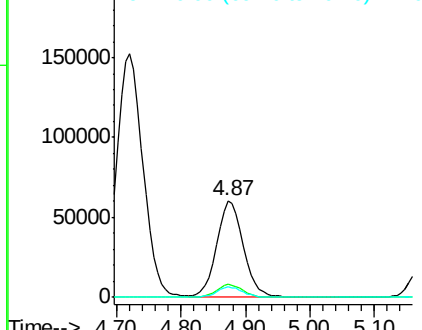
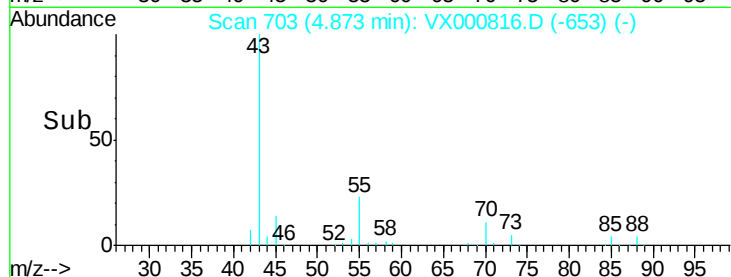
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	10.7	8.7	13.1

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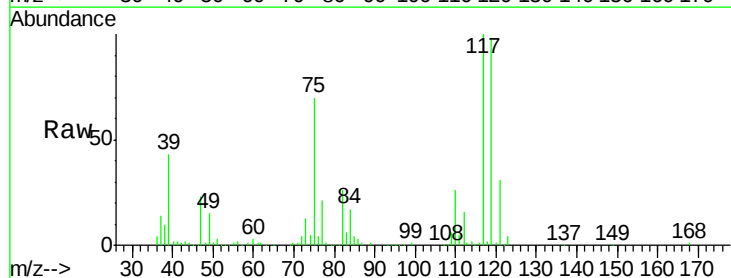


Abundance Ion 43.00 (42.70 to 43.70): VX000816.D (-653) (-)

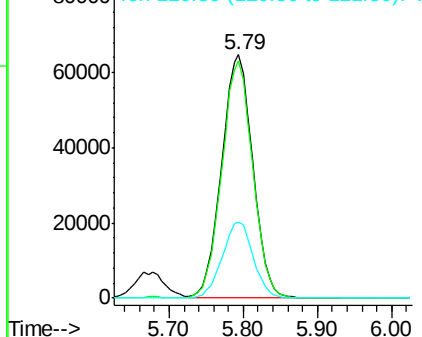
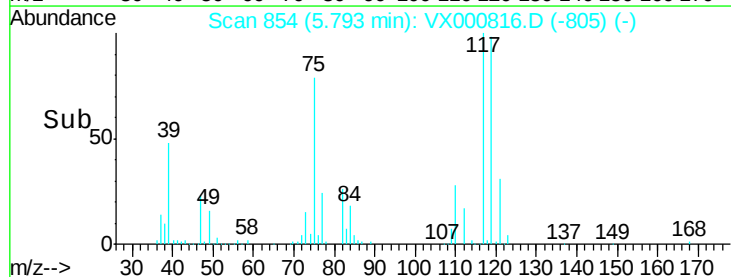


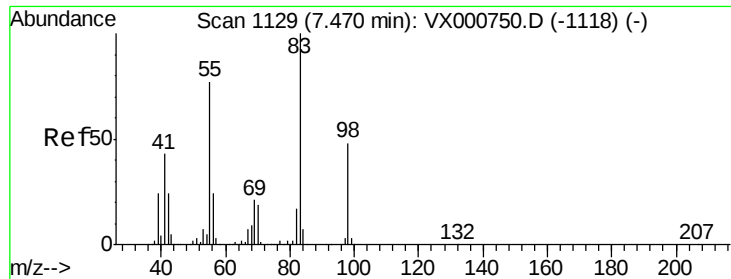
#38
Carbon Tetrachloride
Concen: 46.29 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.4	117.6
121	31.1	25.4	38.0



Abundance Ion 116.80 (116.50 to 117.50): VX000816.D (-805) (-)





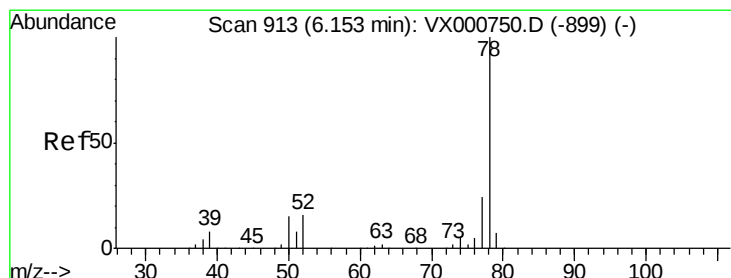
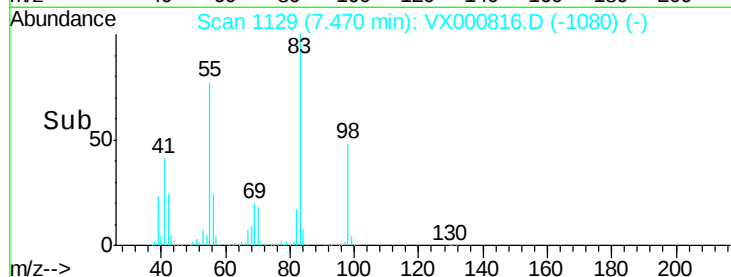
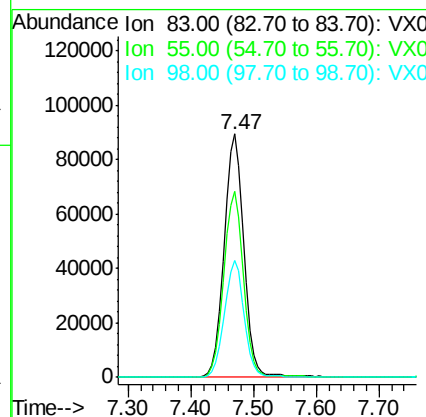
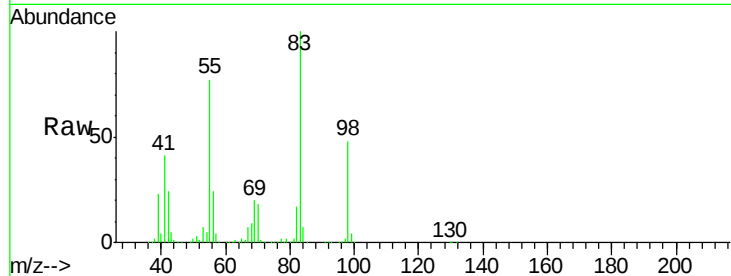
#39
Methvlcvclohexane
Concen: 44.77 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	195485		
55	76.5		61.5	92.3
98	47.9		38.1	57.1

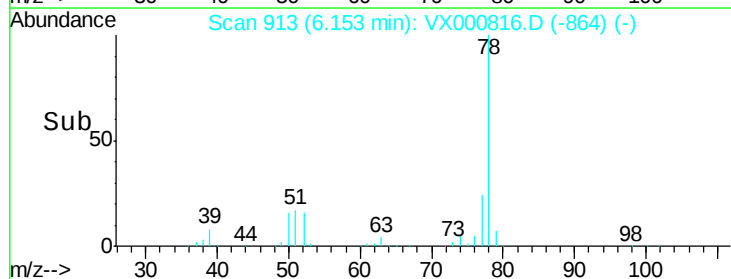
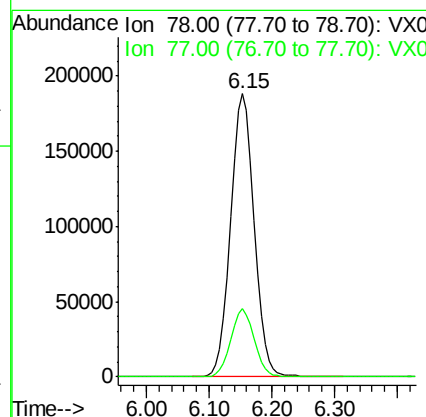
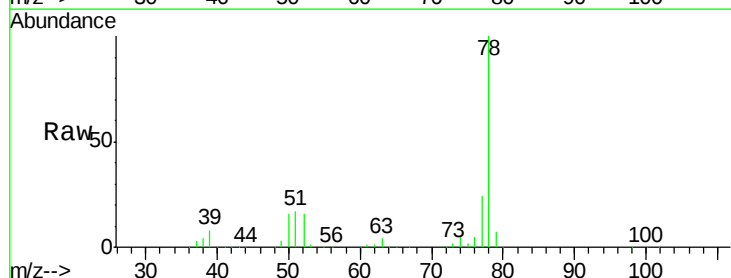
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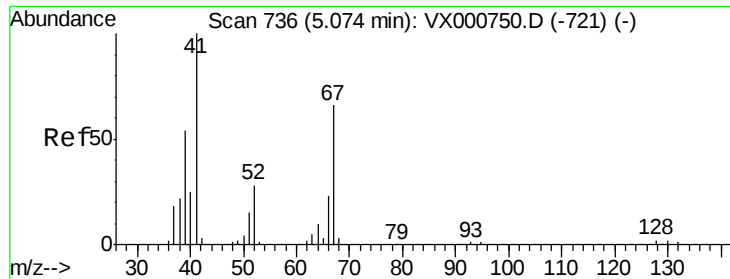
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#40
Benzene
Concen: 48.43 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	489359		
77	24.1		19.0	28.6





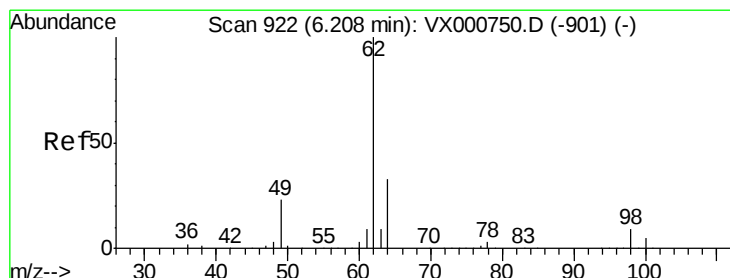
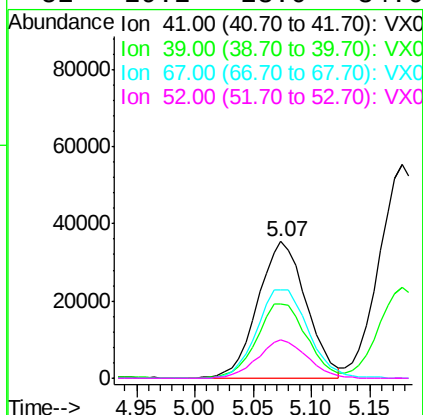
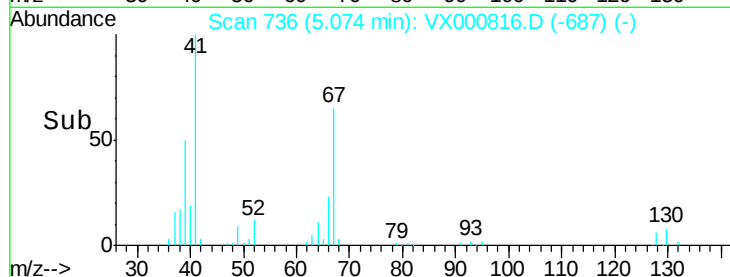
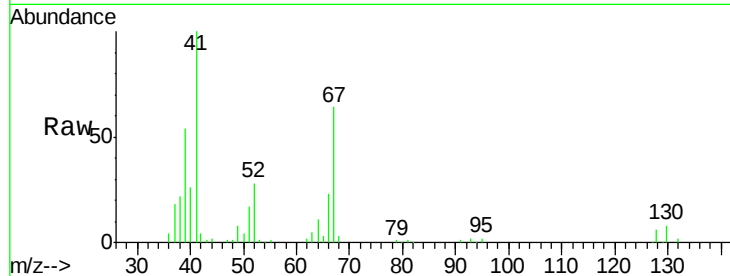
#41
Methacrylonitrile
Concen: 49.32 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.5	44.9	67.3		
67	69.4	54.7	82.1		
52	29.2	23.0	34.6		

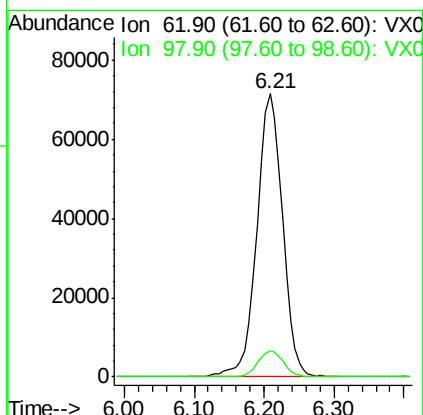
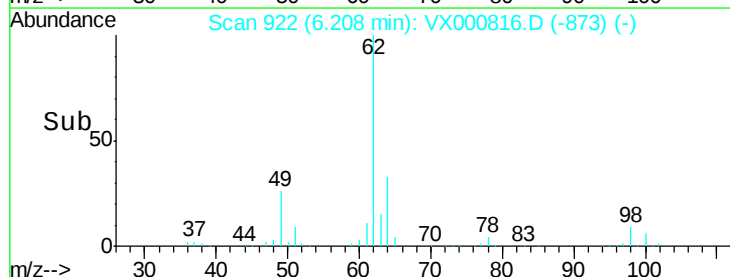
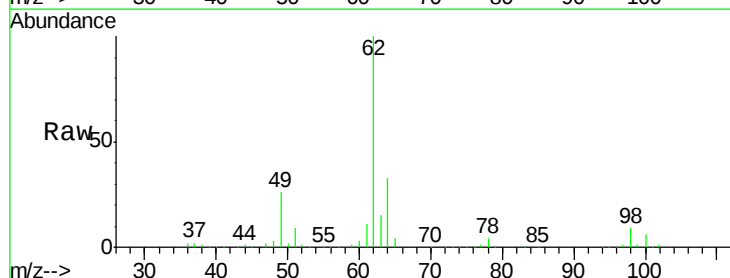
Manual Integrations
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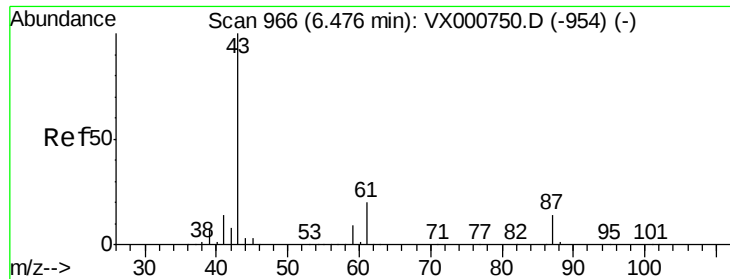
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#42
1,2-Dichloroethane
Concen: 48.45 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.2	0.0	18.6		





#43

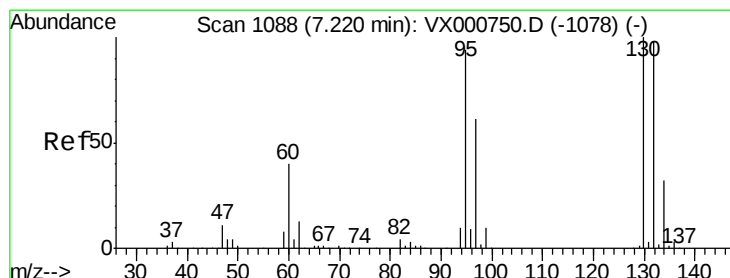
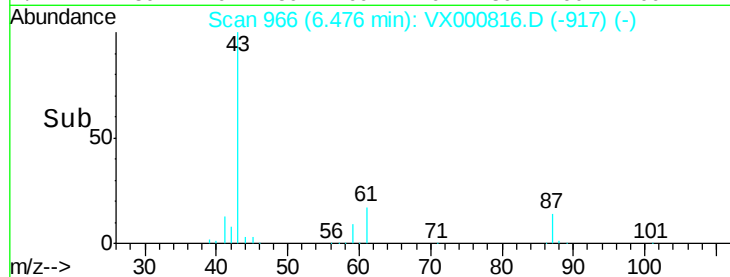
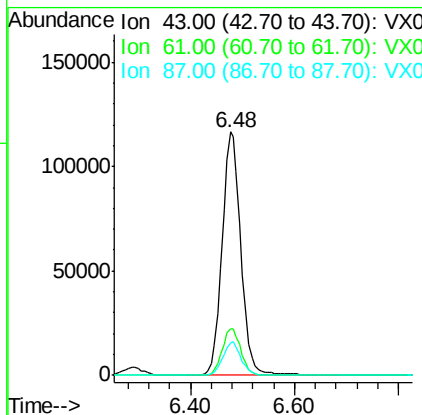
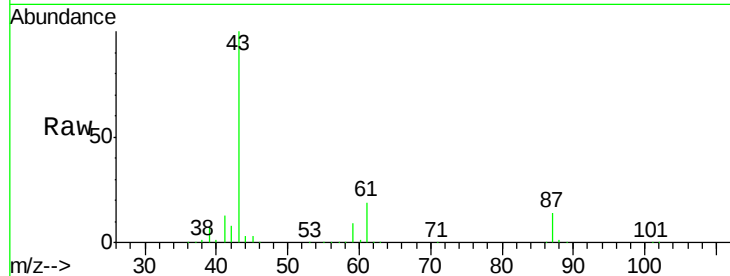
Isopropyl Acetate
 Concen: 48.35 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.6	23.4
87	13.4	10.7	16.1

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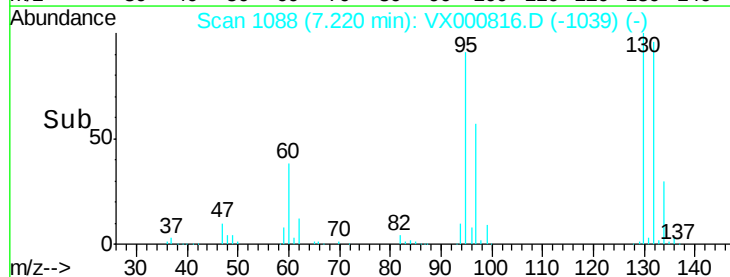
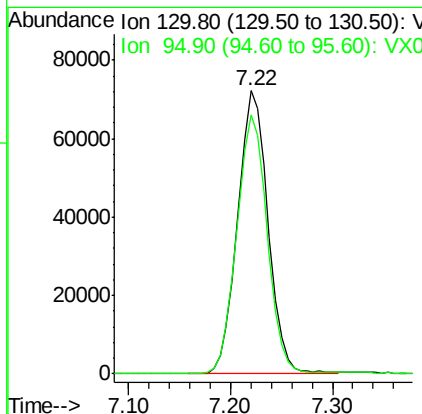
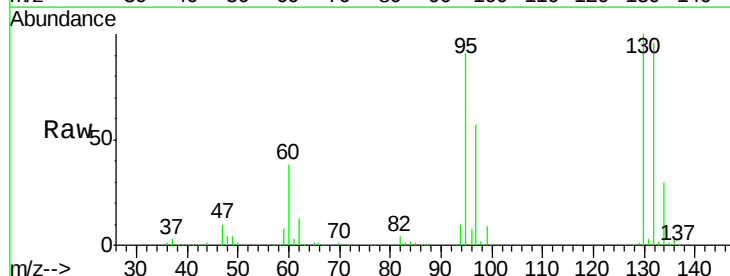
apatel
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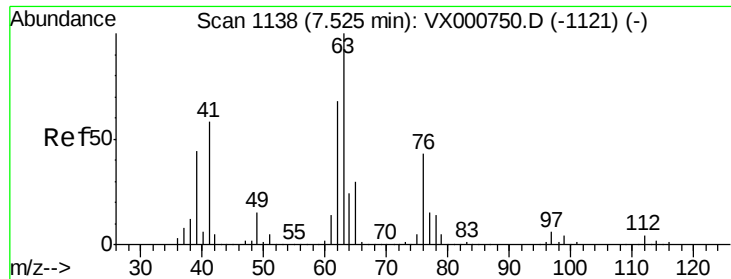


#44

Trichloroethene
 Concen: 47.56 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	187.0





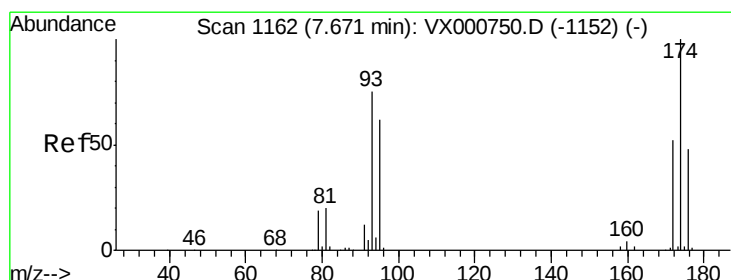
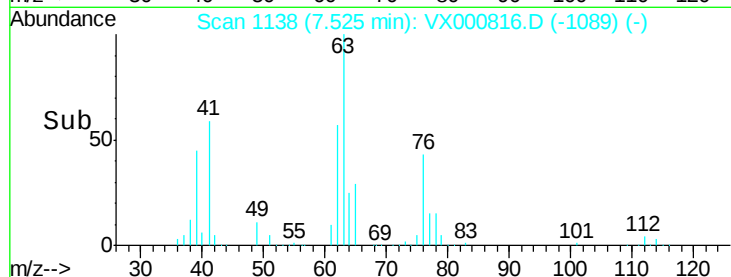
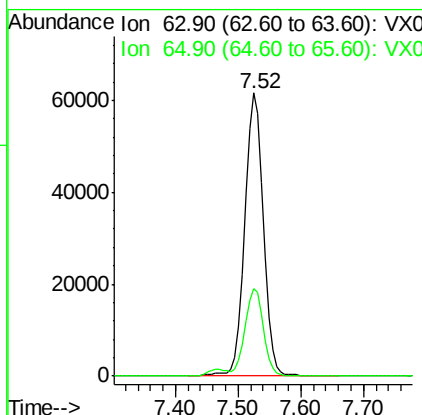
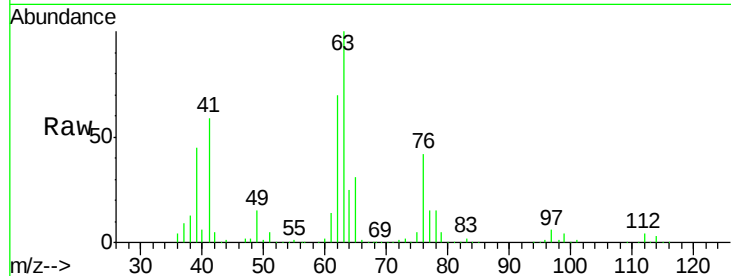
#45
 1,2-Dichloropropane
 Concen: 49.36 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 127000
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.7 35.5

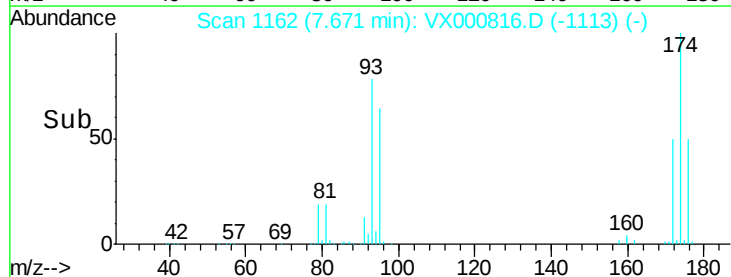
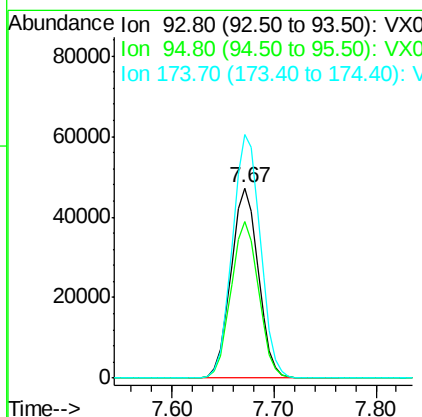
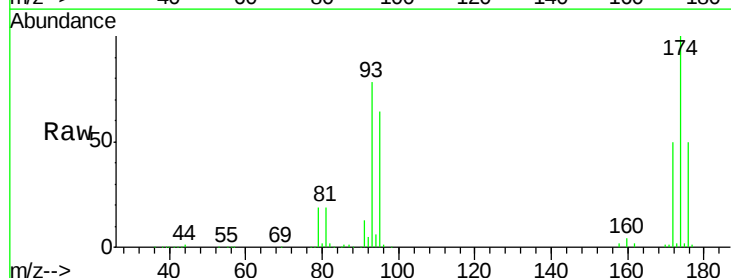
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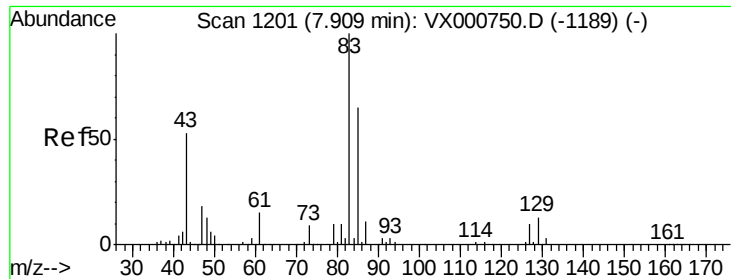
apatel
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#46
 Dibromomethane
 Concen: 48.80 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion: 93 Resp: 87541
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 100.0
 174 130.6 104.5 156.7





#47

Bromodichloromethane

Concen: 48.19 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000816.D

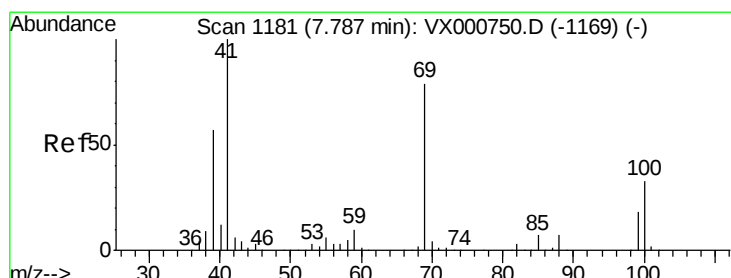
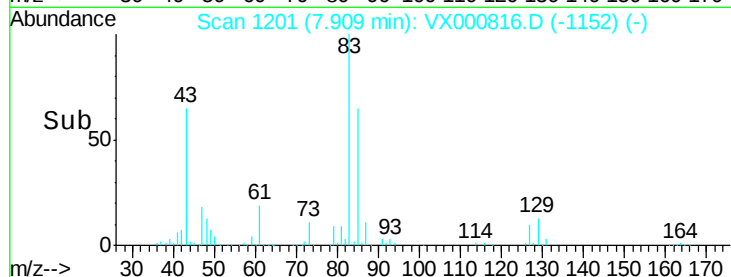
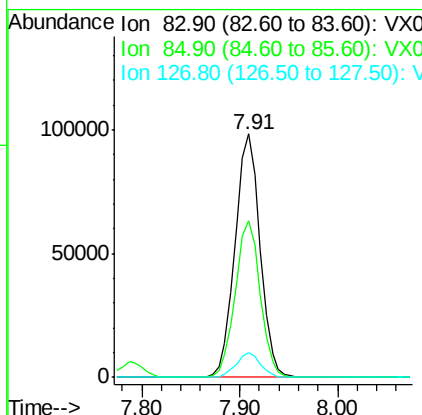
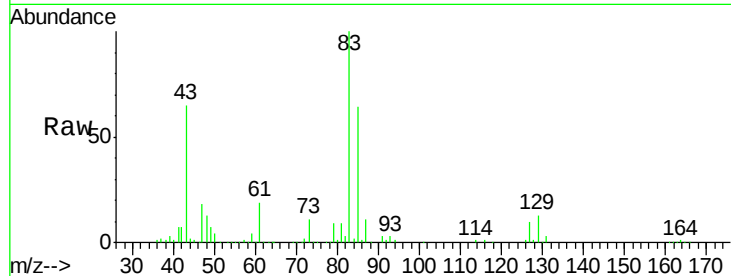
Acq: 12 Apr 2018 21:39

Tot Ion:	83	Resp:	174470
Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.2	78.4
127	10.1	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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#48

Methyl methacrylate

Concen: 48.75 ug/l

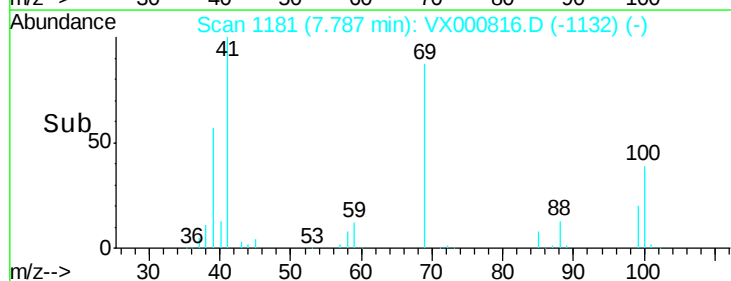
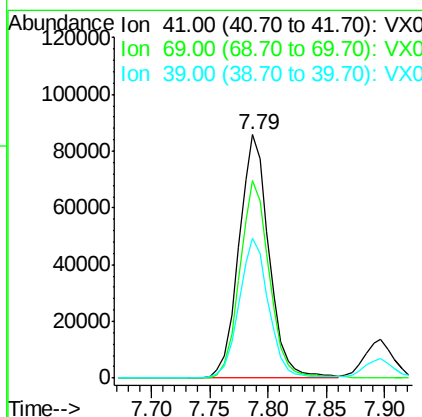
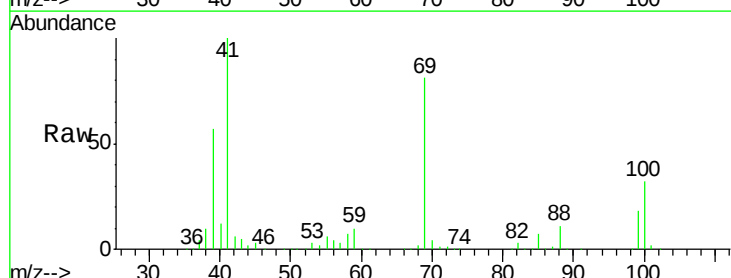
RT: 7.79 min Scan# 1181

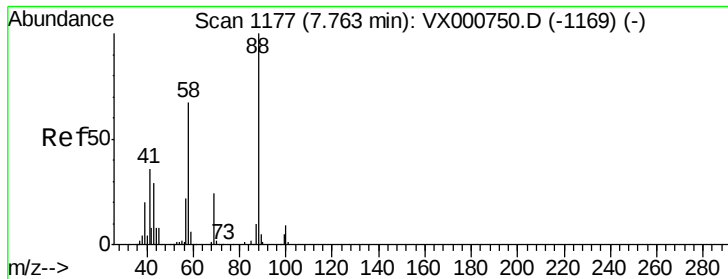
Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Tgt Ion:	41	Resp:	153806
Ion	Ratio	Lower	Upper
41	100		
69	80.4	63.9	95.9
39	56.6	45.9	68.9





#49

1,4-Dioxane

Concen: 929.85 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

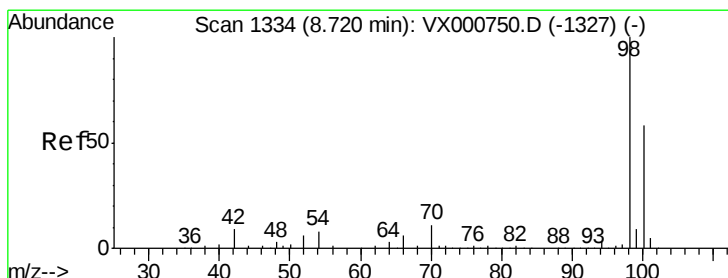
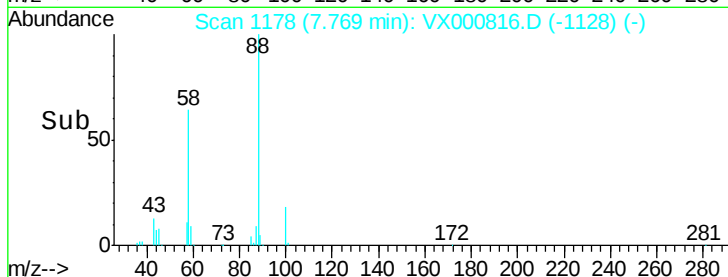
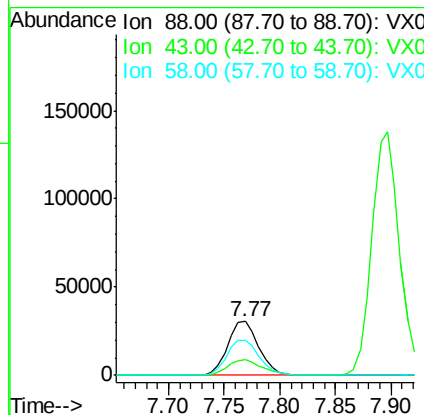
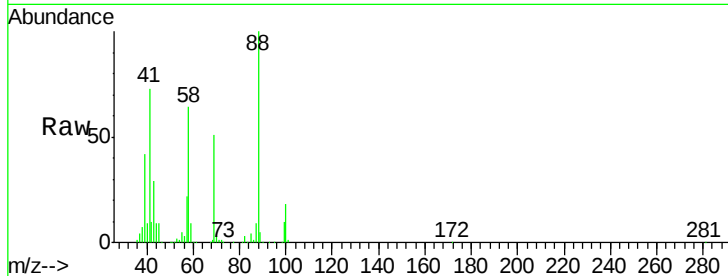
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	58950
Ion	Ratio	Lower	Upper
88	100		
43	32.6	25.8	38.8
58	68.4	54.4	81.6

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#50

Toluene-d8

Concen: 49.15 ug/l

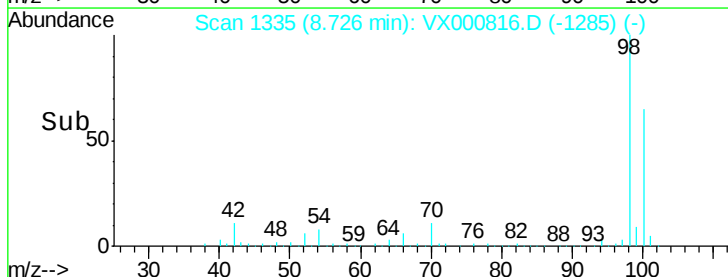
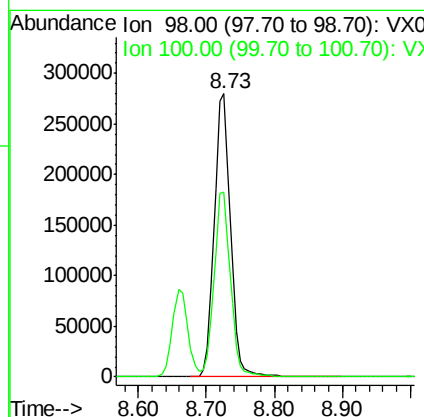
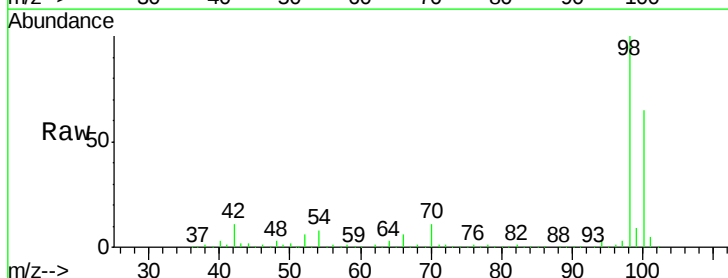
RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Tgt Ion:	98	Resp:	465567
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 249.84 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 893170

Ion Ratio Lower Upper

43 100

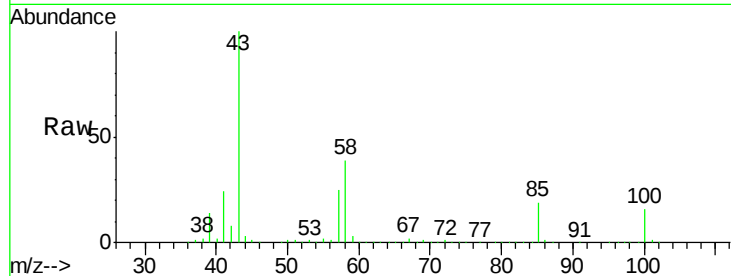
58 38.9 30.3 45.5

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

200000

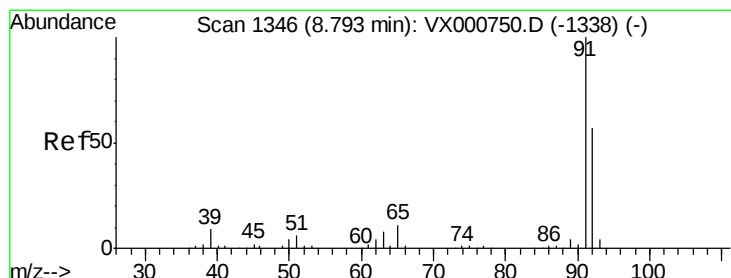
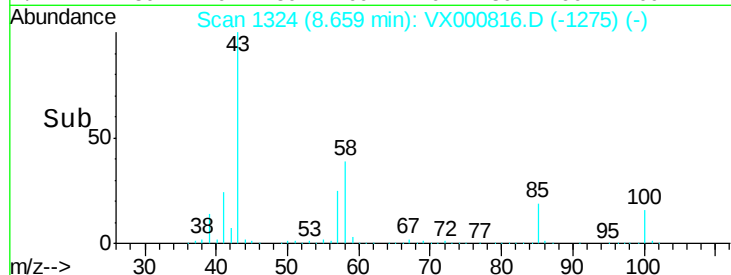
100000

0

8.66

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 47.81 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000816.D

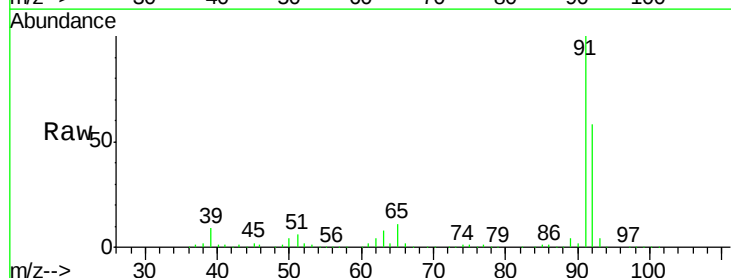
Acq: 12 Apr 2018 21:39

Tgt Ion: 92 Resp: 320489

Ion Ratio Lower Upper

92 100

91 174.1 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

200000

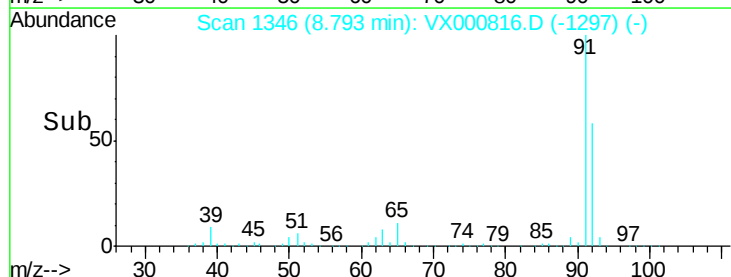
100000

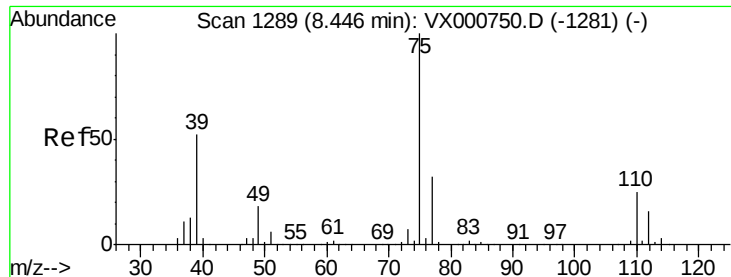
0

8.79

8.70 8.80 8.90 9.00

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.80 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Tot Ion: 75 Resp: 207586

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

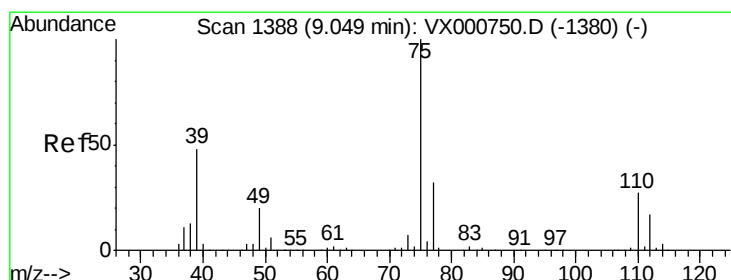
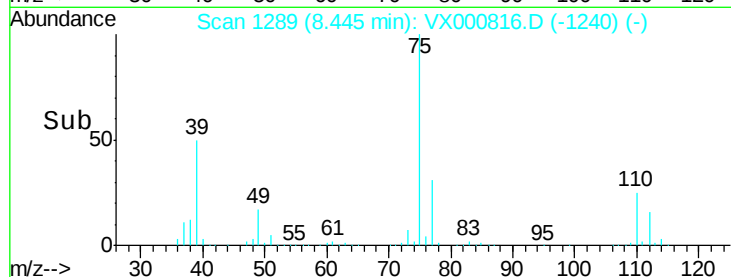
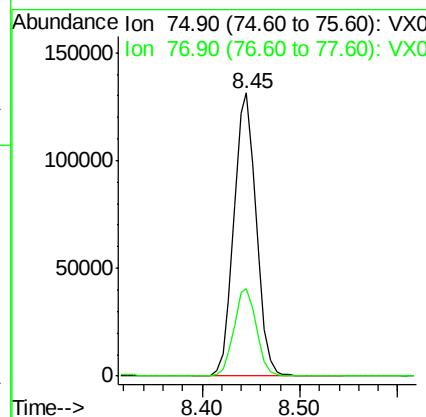
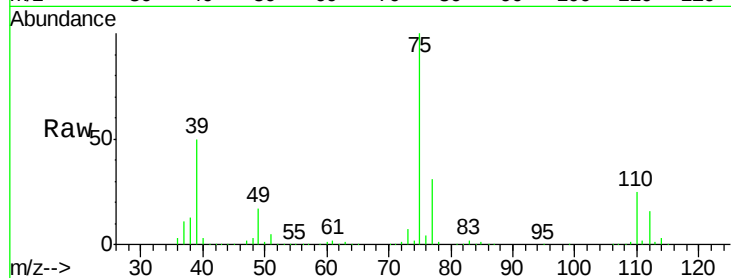
VSTDCCC050

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#54

cis-1,3-Dichloropropene

Concen: 46.90 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

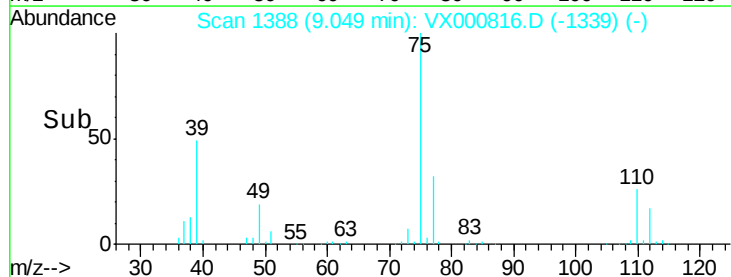
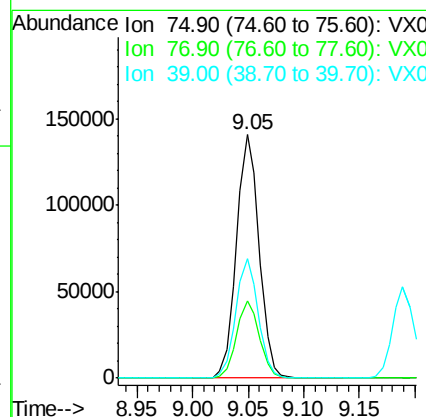
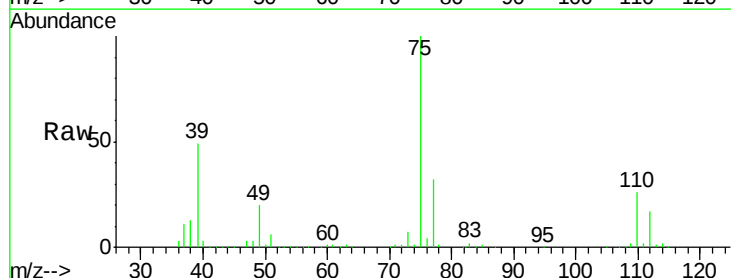
Tgt Ion: 75 Resp: 198302

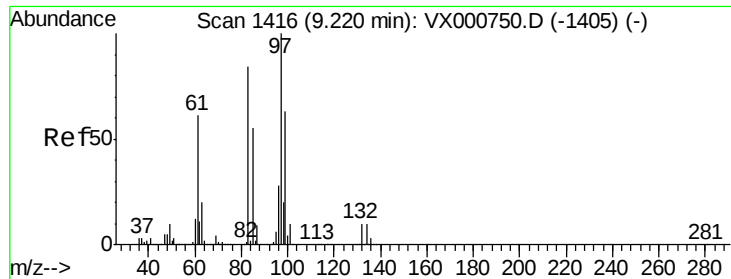
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 48.8 38.6 58.0





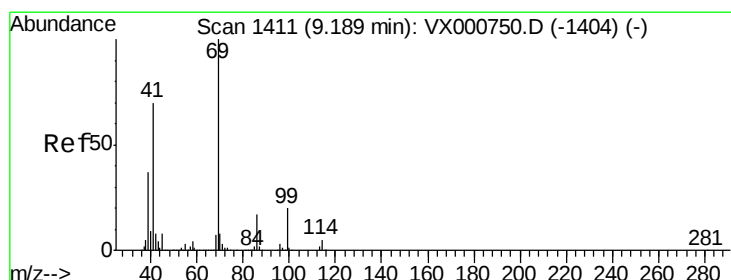
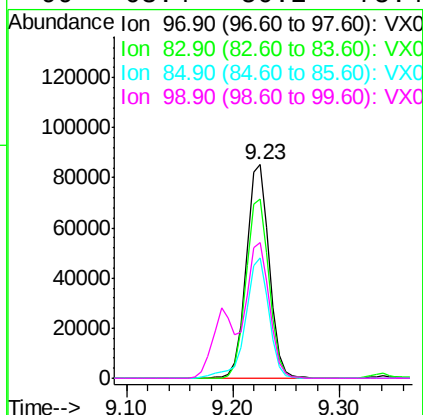
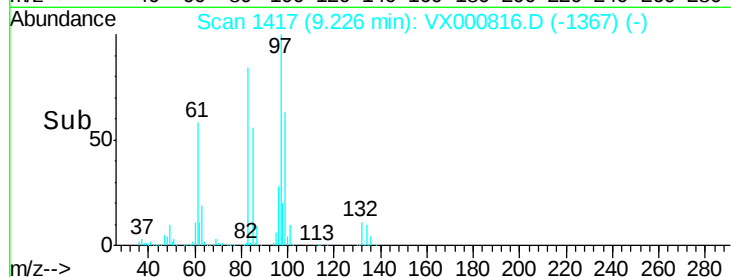
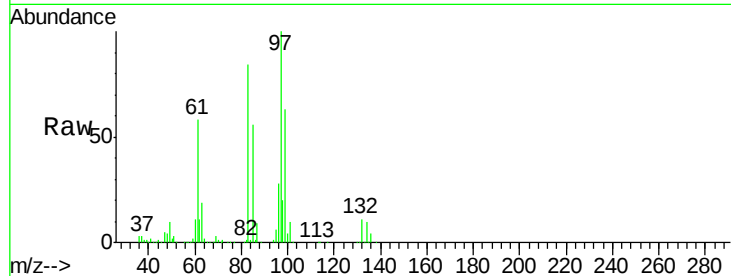
#55
 1,1,2-Trichloroethane
 Concen: 48.39 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	128764
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.6	101.4
85	56.1	43.8	65.6
99	63.4	50.2	75.4

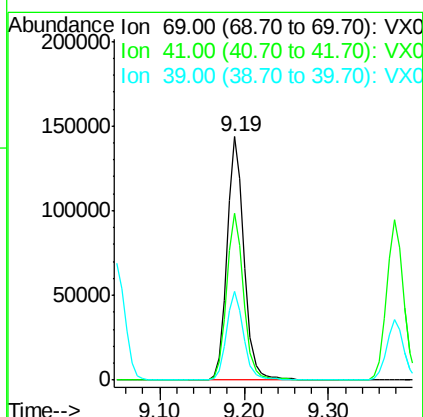
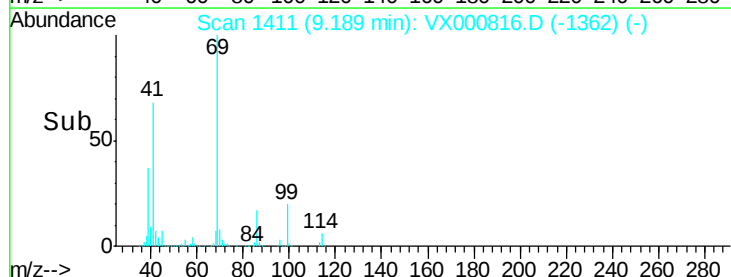
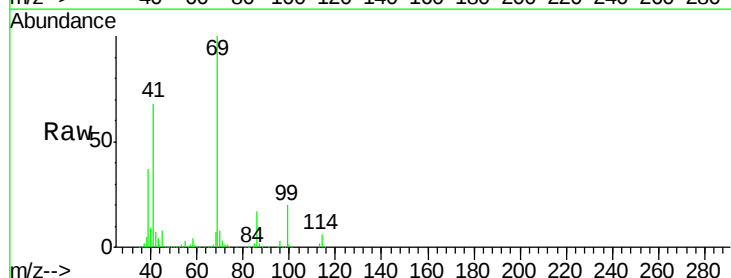
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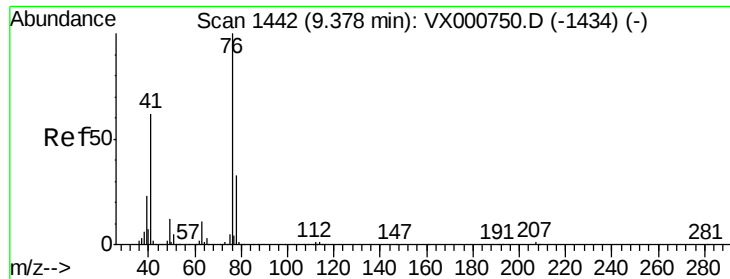
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#56
 Ethyl methacrylate
 Concen: 48.67 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion:	69	Resp:	199810
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.6	83.4
39	36.7	30.3	45.5





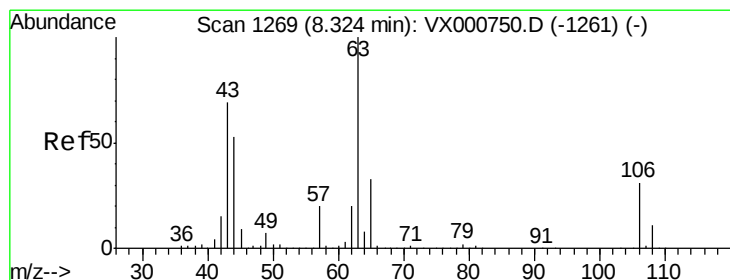
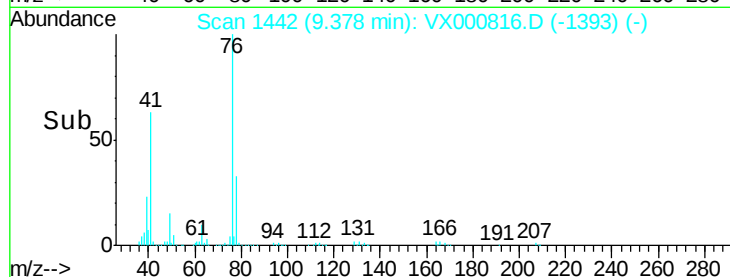
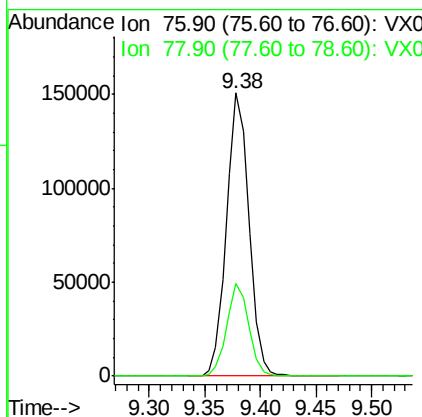
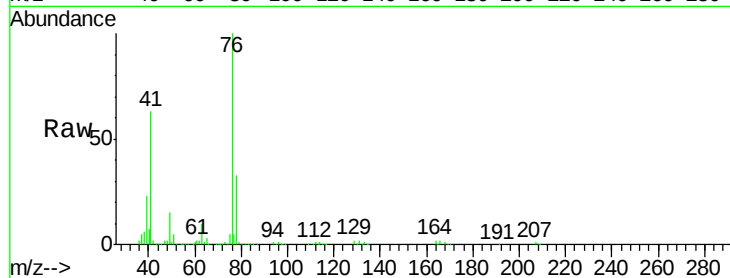
#57
 1,3-Dichloropropane
 Concen: 49.95 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.6

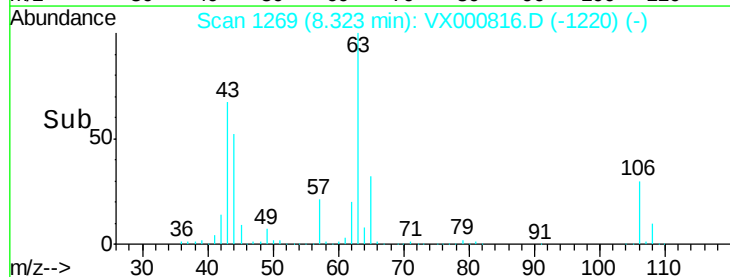
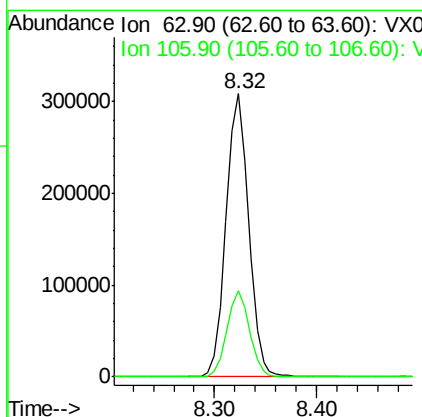
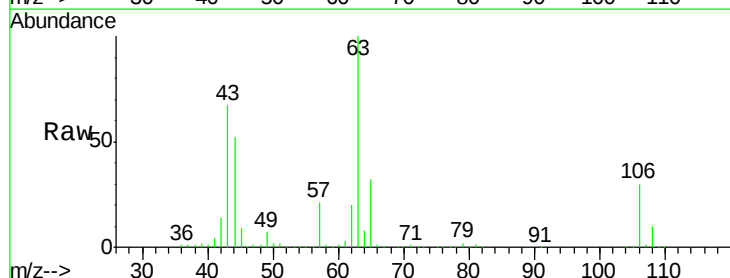
Manual Integrations
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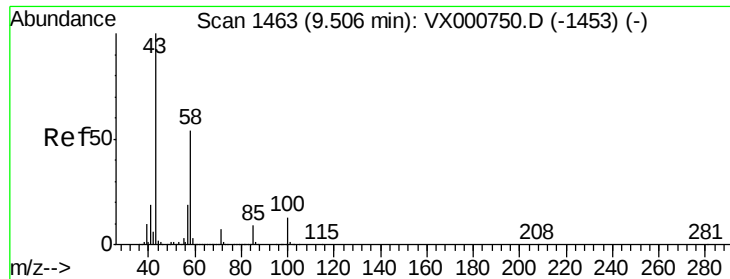
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 247.07 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.3	24.3	36.5





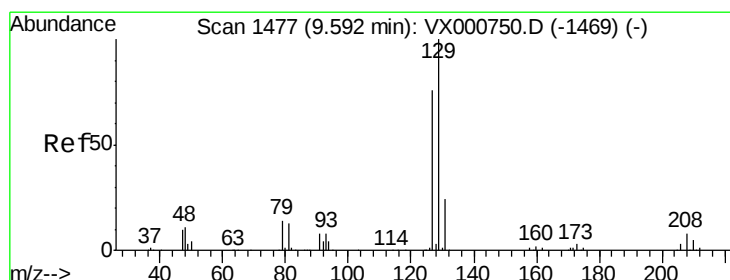
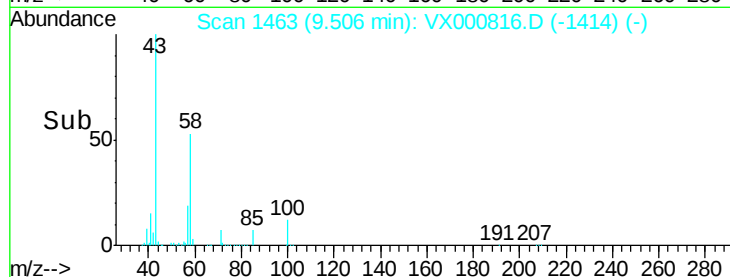
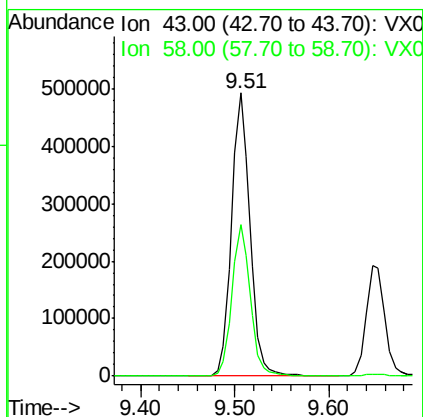
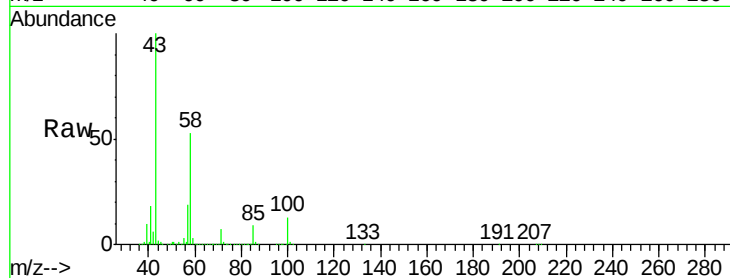
#59
2-Hexanone
Concen: 242.45 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 669142
Ion Ratio Lower Upper
43 100
58 53.3 26.5 79.5

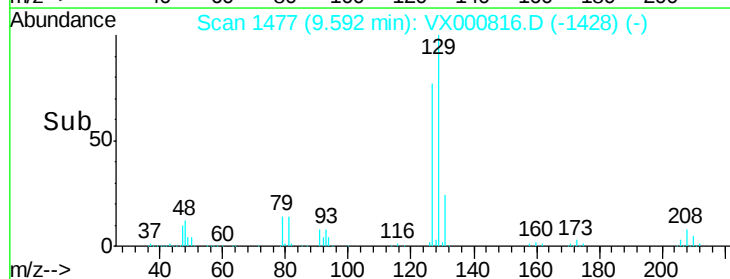
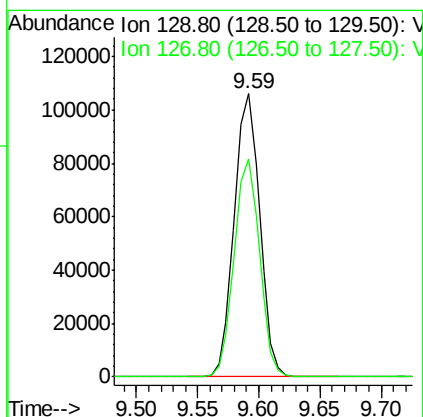
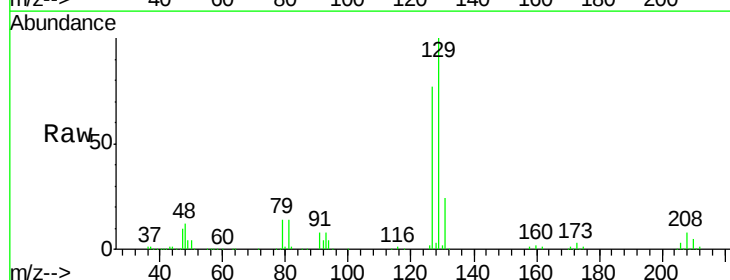
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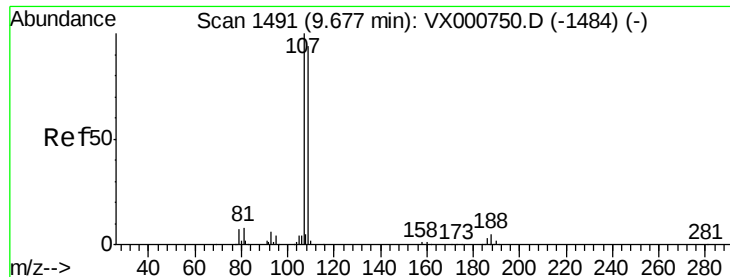
apatel
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#60
Dibromochloromethane
Concen: 48.09 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion: 129 Resp: 153123
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.1





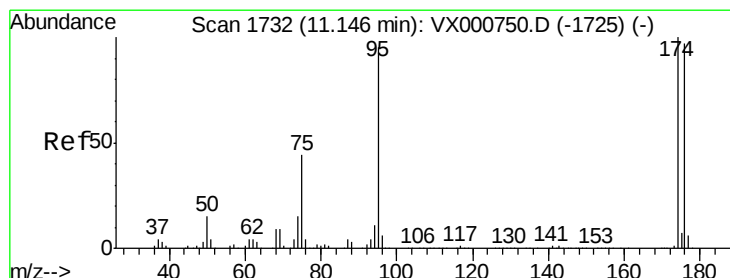
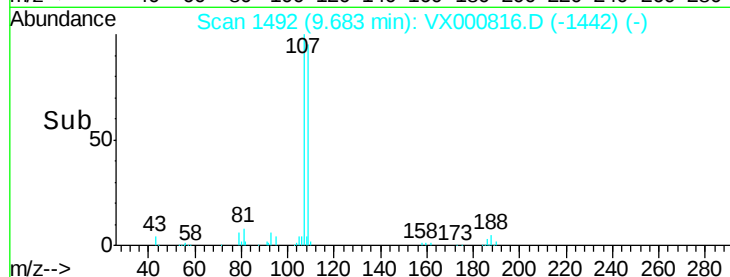
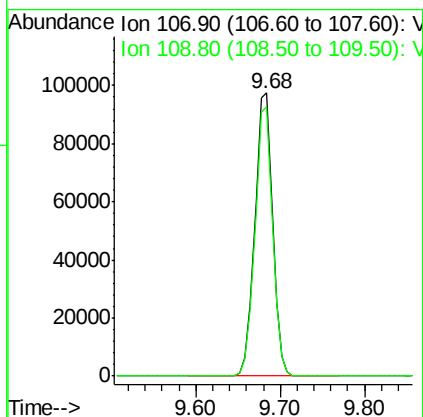
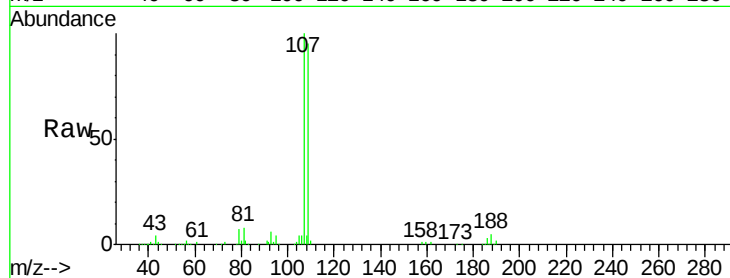
#61
 1,2-Dibromoethane
 Concen: 49.58 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. 0.01 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	139958		
109	94.4	76.2	114.4	

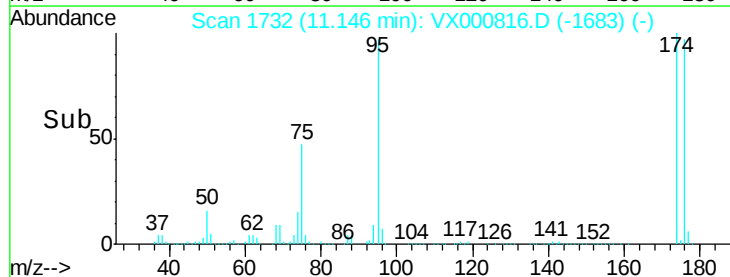
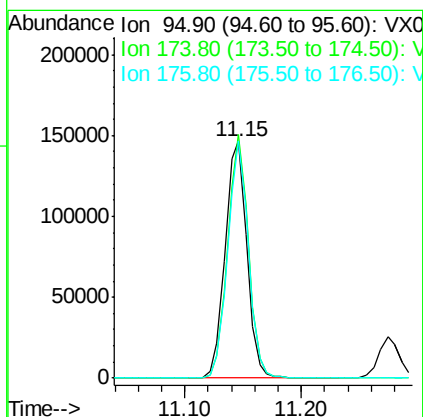
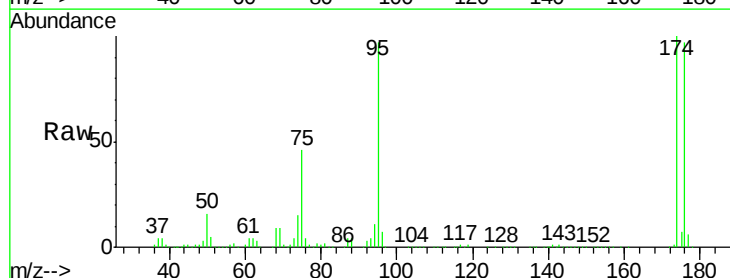
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#62
 4-Bromofluorobenzene
 Concen: 48.17 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	188751		
174	98.4	0.0	198.4	
176	95.7	0.0	194.4	





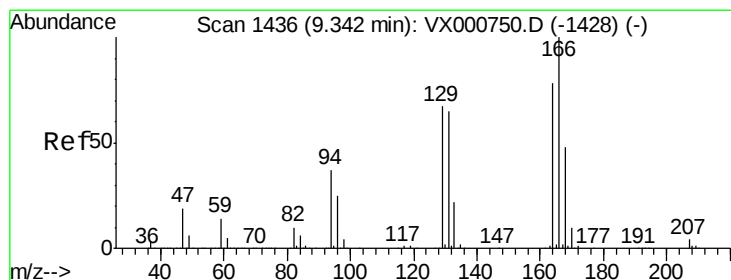
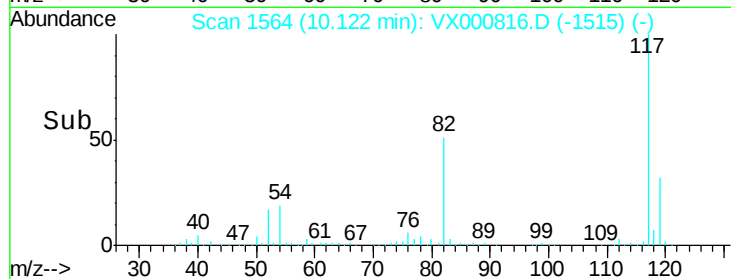
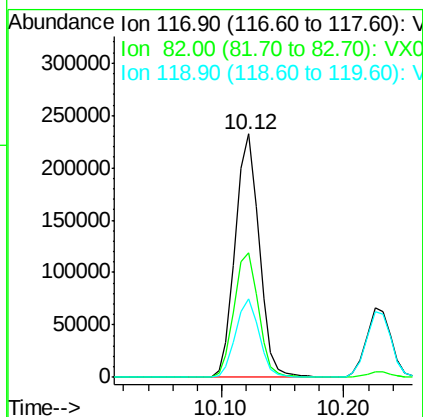
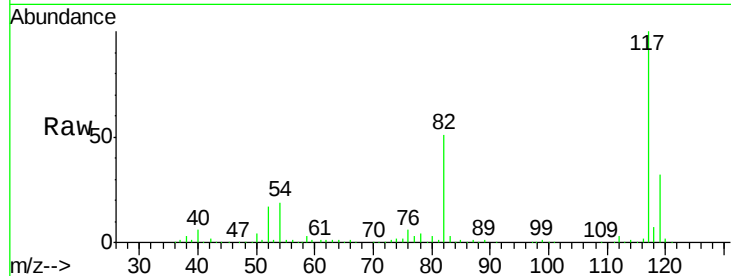
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.9	62.9
119	32.1	26.0	39.0

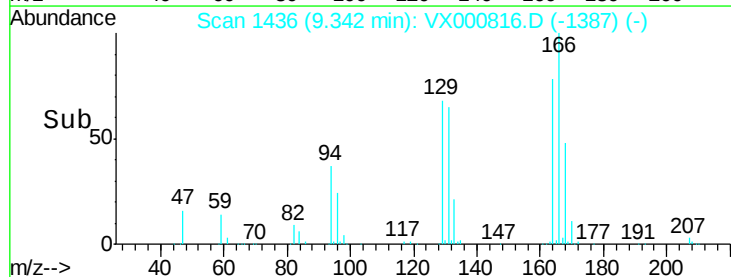
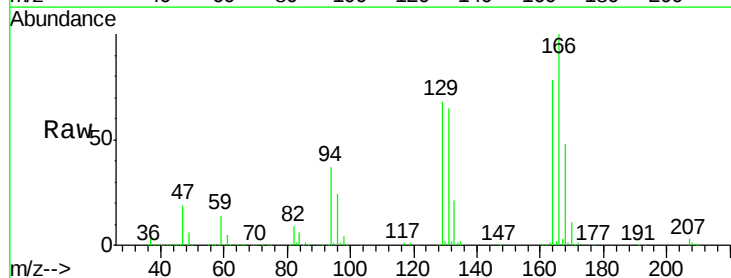
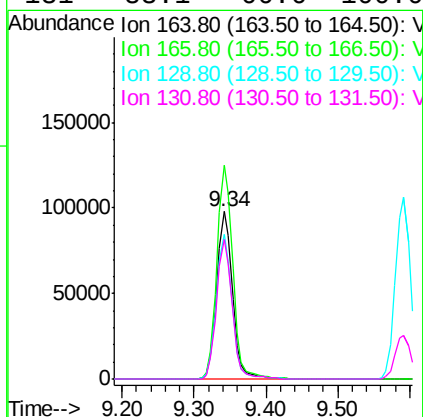
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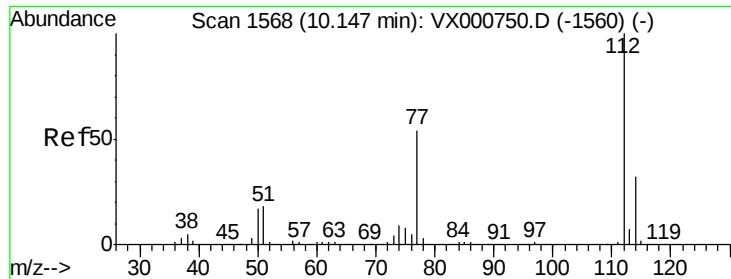
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#64
Tetrachloroethene
Concen: 48.11 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.8	154.2
129	86.3	68.5	102.7
131	83.1	66.6	100.0





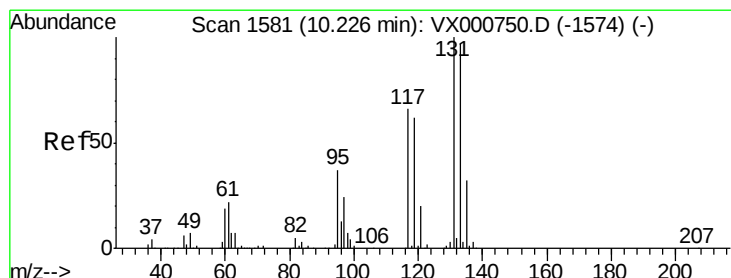
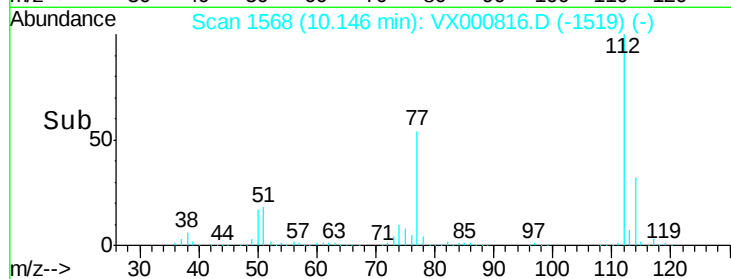
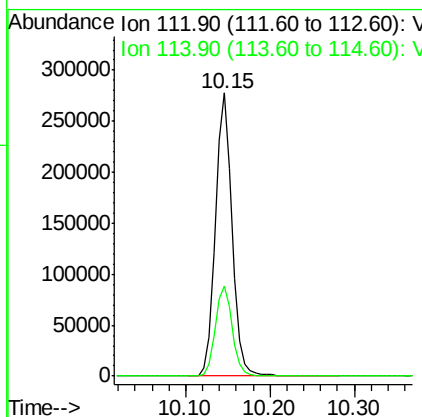
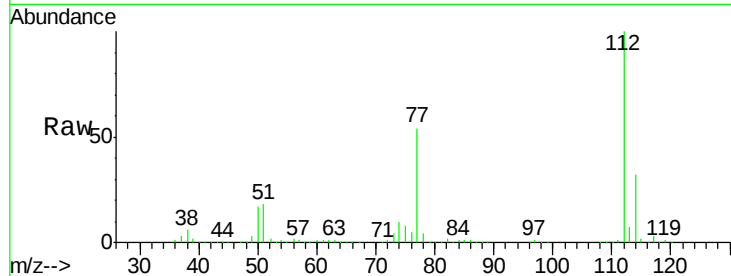
#65
Chlorobenzene
Concen: 48.01 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 380571
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8

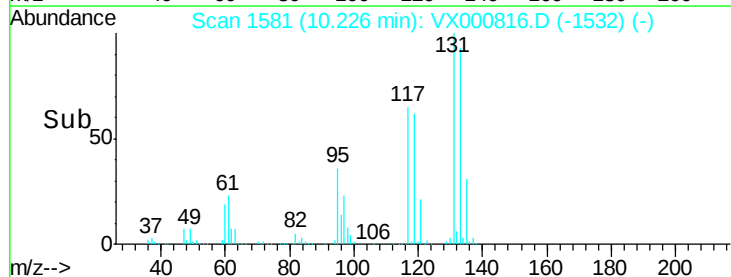
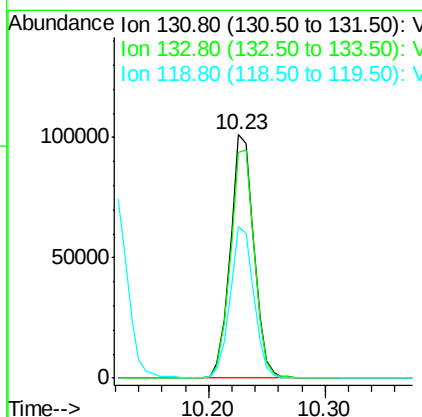
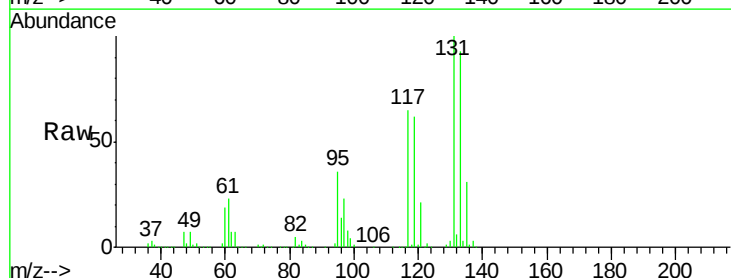
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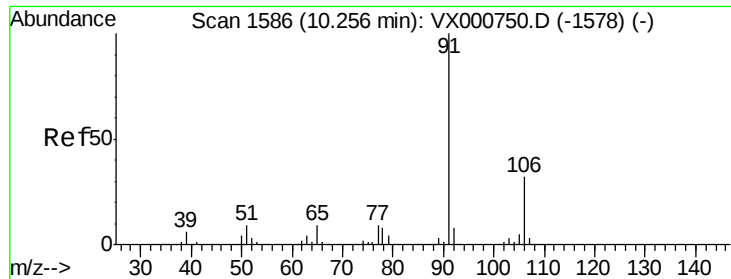
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.81 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion:131 Resp: 142651
Ion Ratio Lower Upper
131 100
133 95.3 48.3 144.9
119 62.5 31.4 94.0





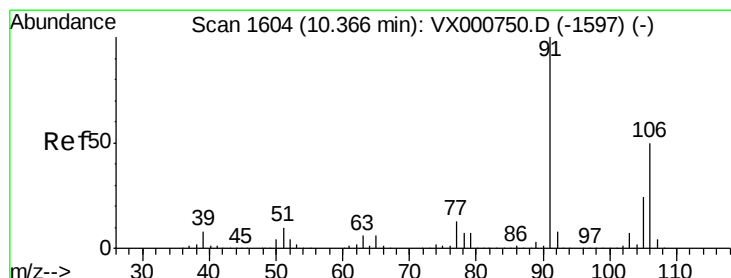
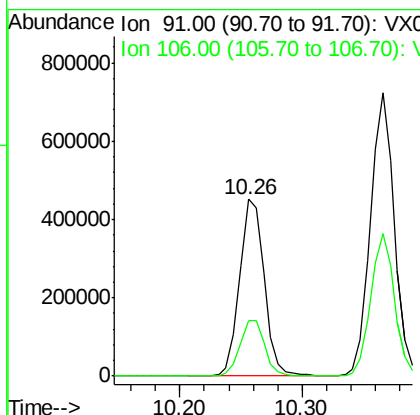
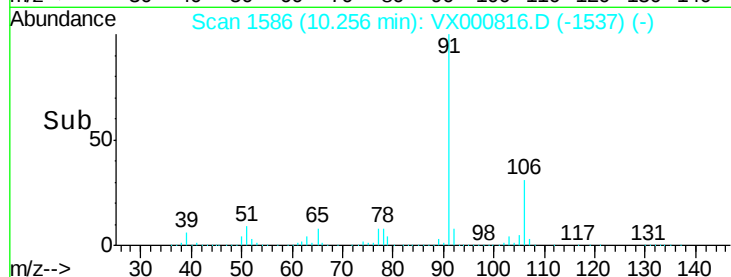
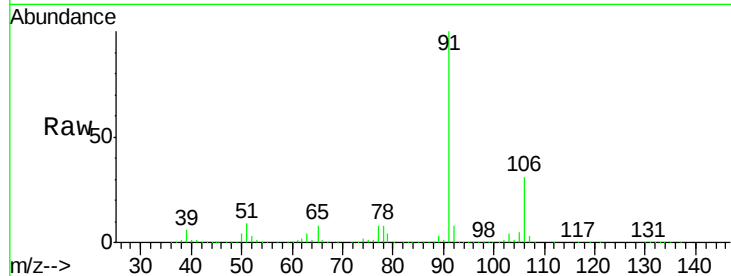
#67
Ethyl Benzene
Concen: 47.61 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 629186
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0

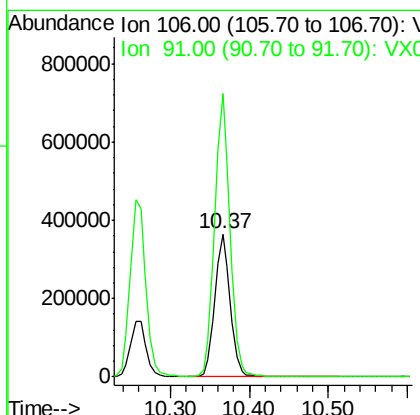
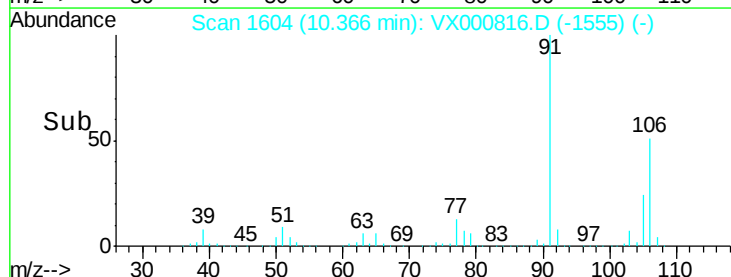
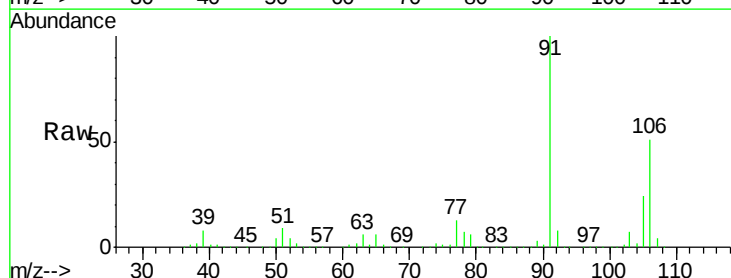
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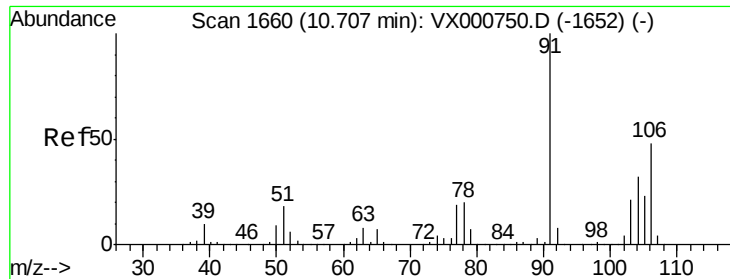
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#68
m/p-Xylenes
Concen: 94.84 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion: 106 Resp: 494700
Ion Ratio Lower Upper
106 100
91 198.9 159.3 238.9





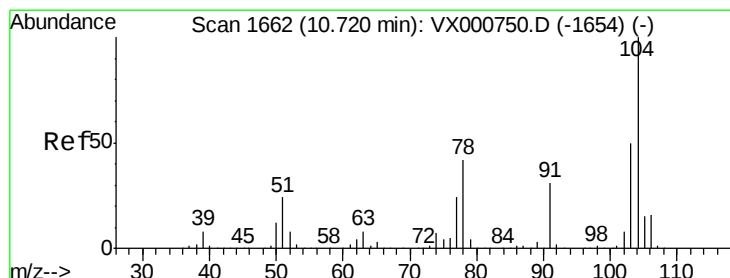
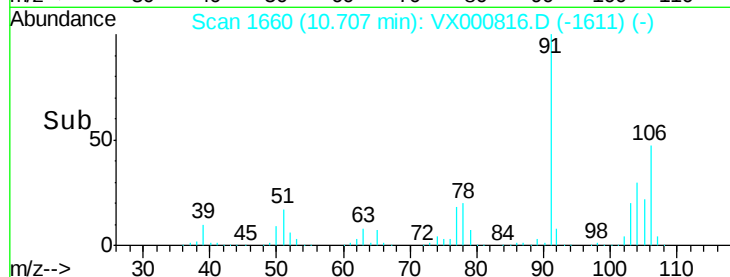
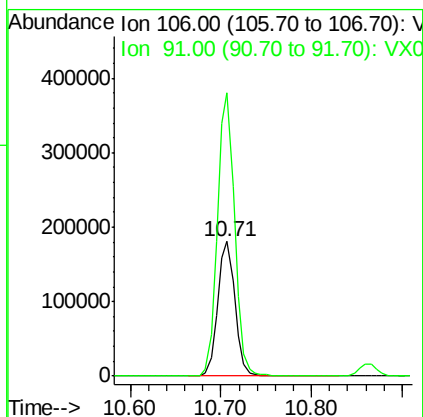
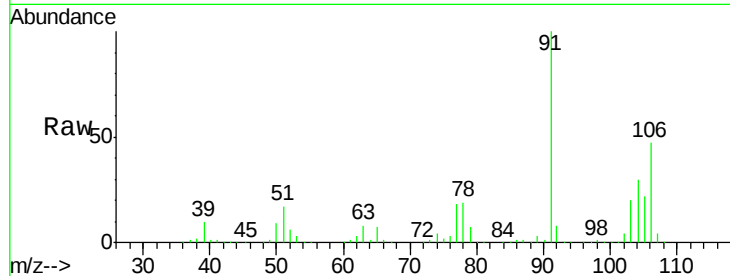
#69
o-Xylene
Concen: 47.92 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

Tot Ion:106 Resp: 240925
Ion Ratio Lower Upper
106 100
91 210.3 105.0 315.0

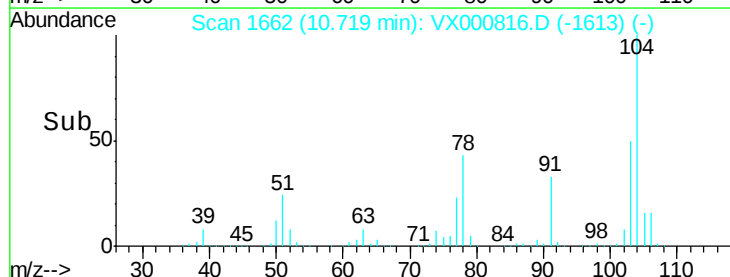
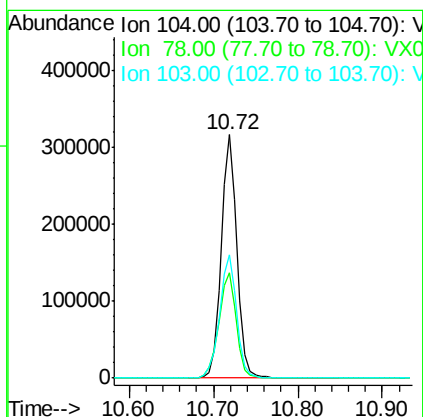
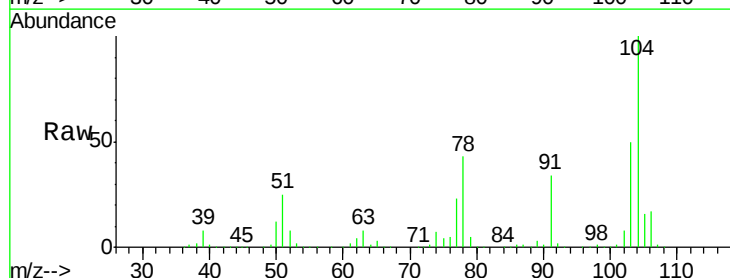
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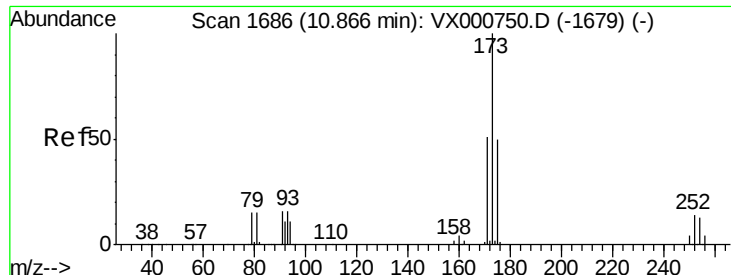
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#70
Styrene
Concen: 48.08 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion:104 Resp: 407559
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.6
103 55.2 44.1 66.1





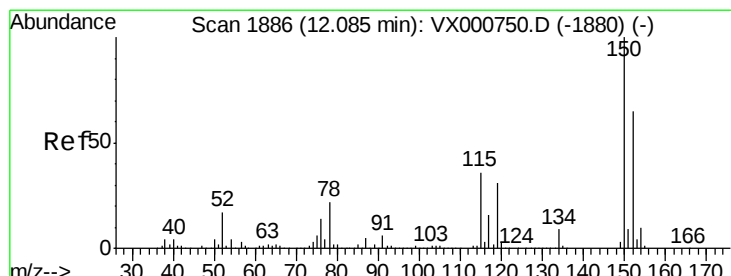
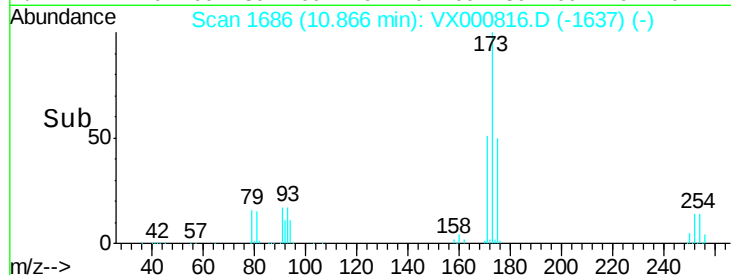
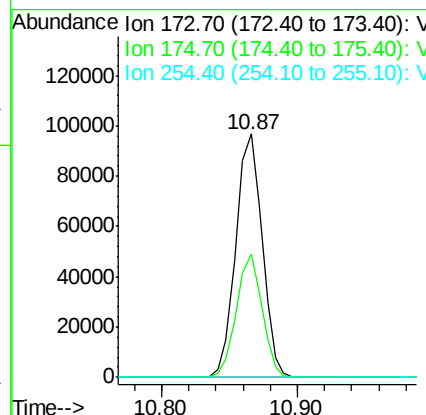
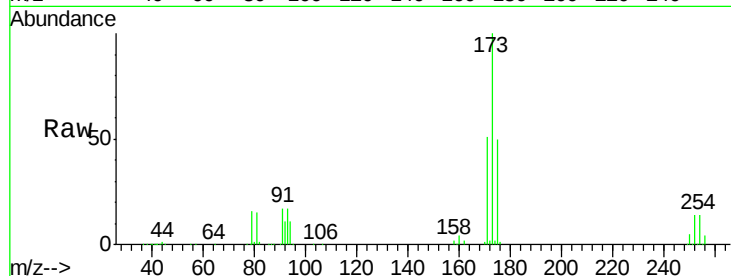
#71
Bromoform
Concen: 47.26 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.5	73.5
254	0.2	0.2	0.2

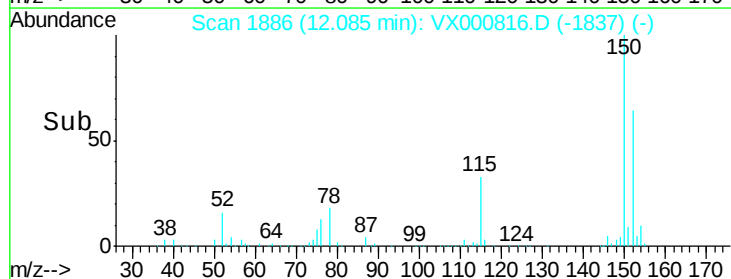
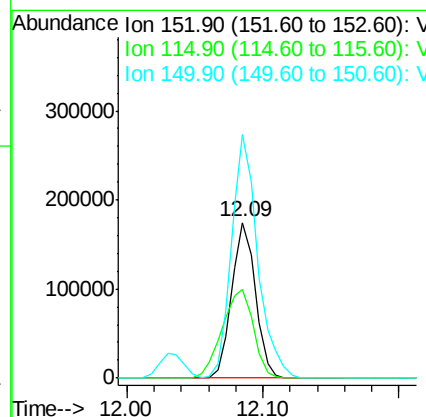
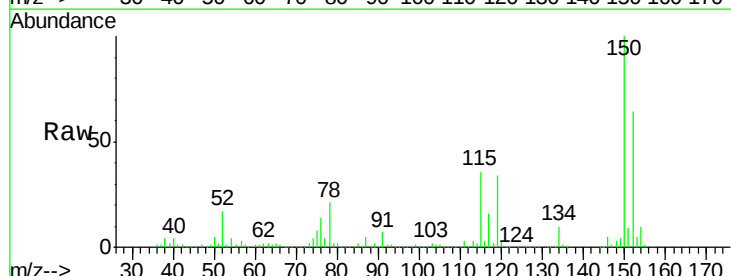
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	74.9	37.9	113.7
150	172.5	0.0	348.0





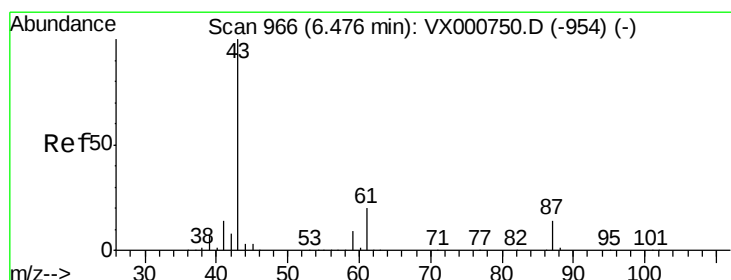
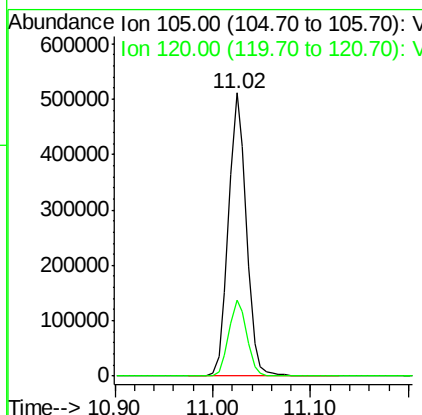
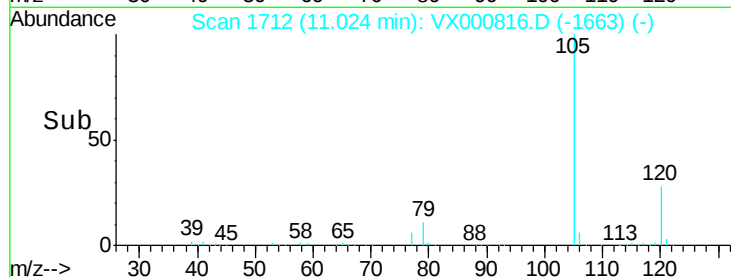
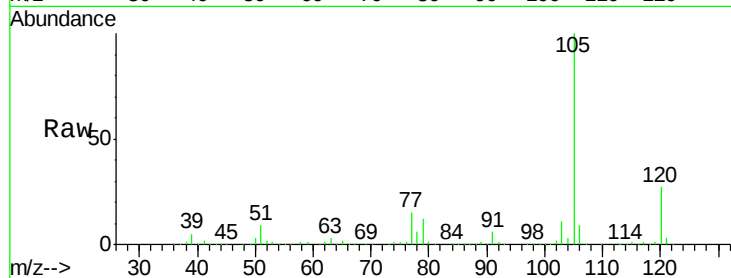
#73
Isopropylbenzene
Concen: 48.45 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.7	41.0

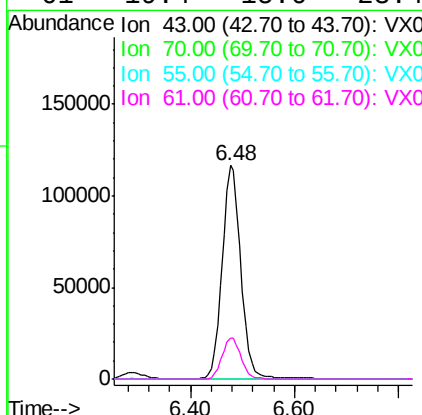
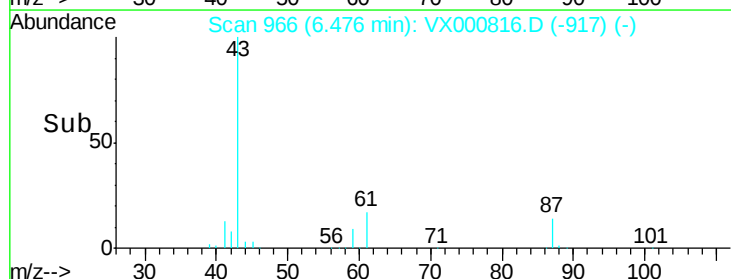
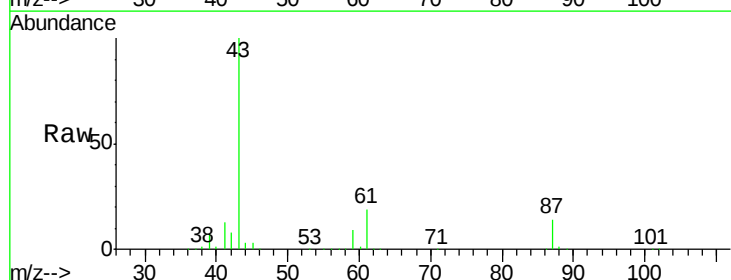
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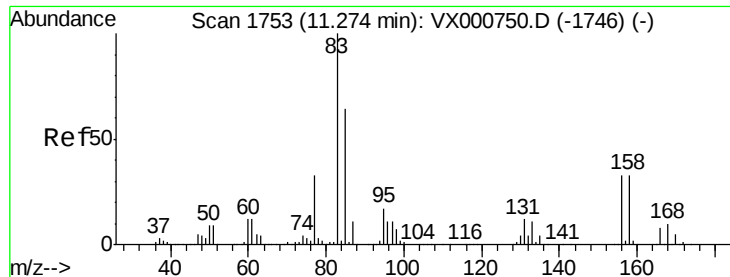
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#74
N-ethyl acetate
Concen: 48.73 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.2	0.0	0.0
61	19.4	15.6	23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.24 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

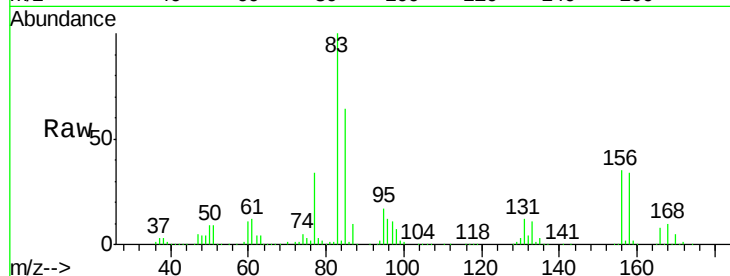
ClientSampleId :

VSTDCCC050

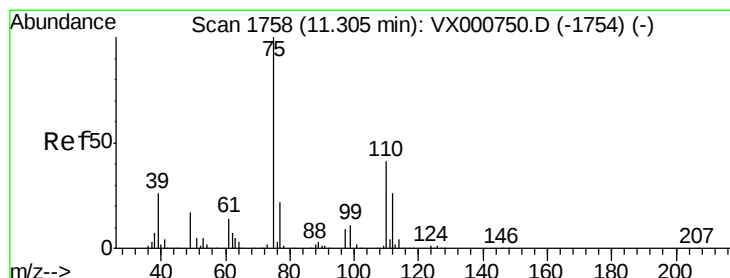
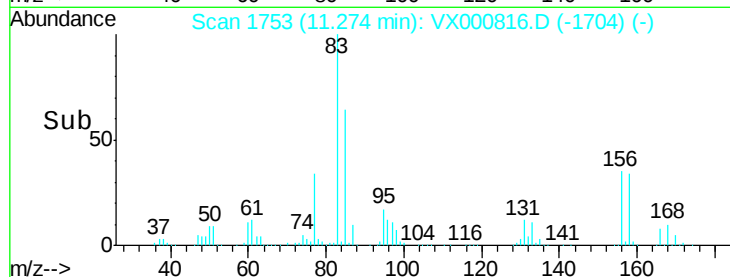
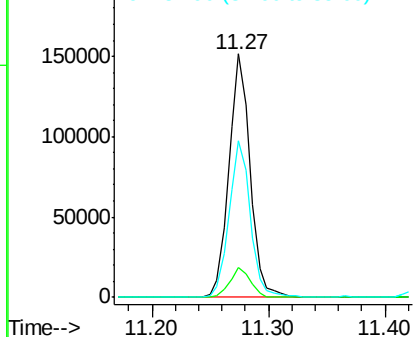
Tot Ion:	83	Resp:	191615
Ion Ratio		Lower	Upper
83	100		
131	11.8	6.0	18.0
85	64.6	32.3	96.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 49.01 ug/l m

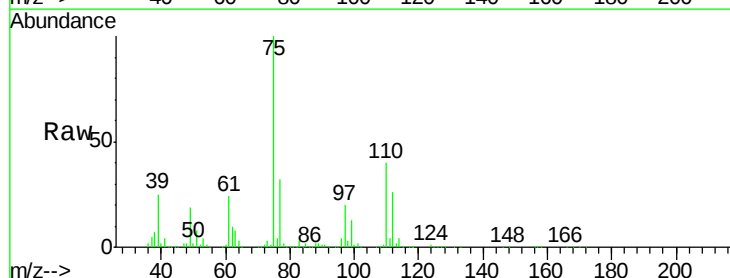
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

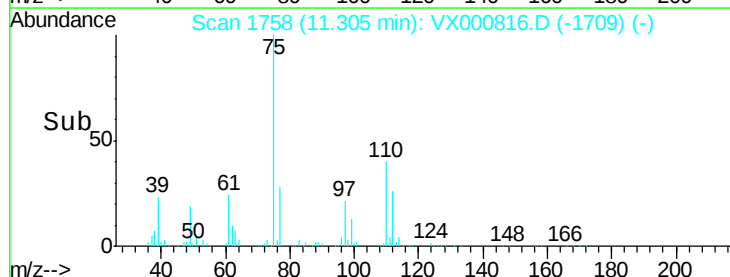
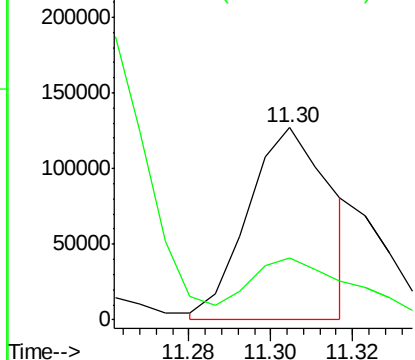
Lab File: VX000816.D

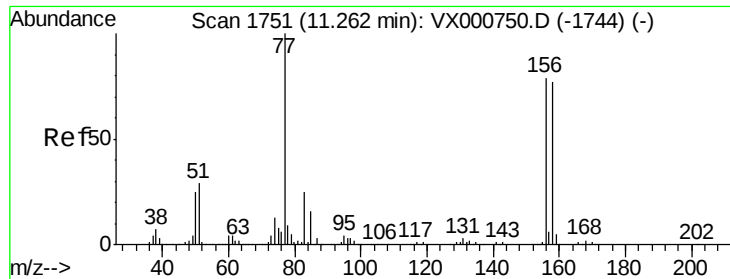
Acq: 12 Apr 2018 21:39

Tgt Ion:	75	Resp:	178644
Ion Ratio		Lower	Upper
75	100		
77	40.4	20.5	61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.36 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

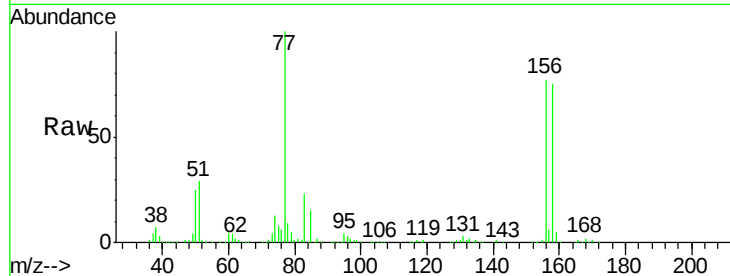
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	190032
Ion Ratio	Lower	Upper	
156	100		
77	131.1	66.0	198.2
158	97.8	48.8	146.4

Manual Integrations
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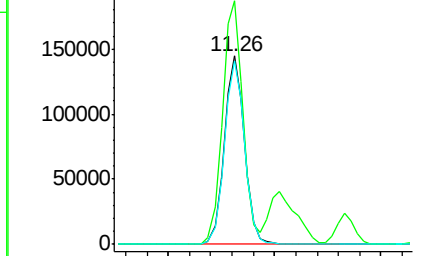
apatel
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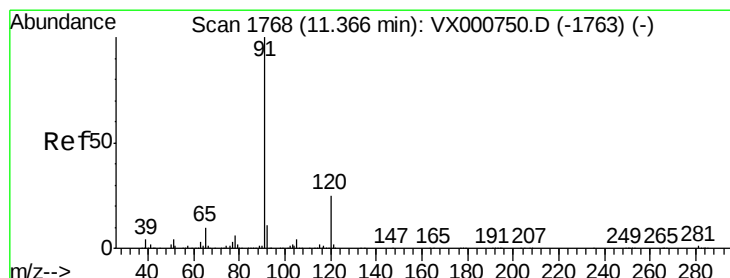
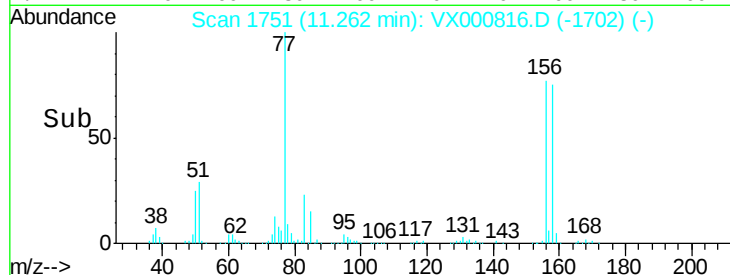
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 47.56 ug/l

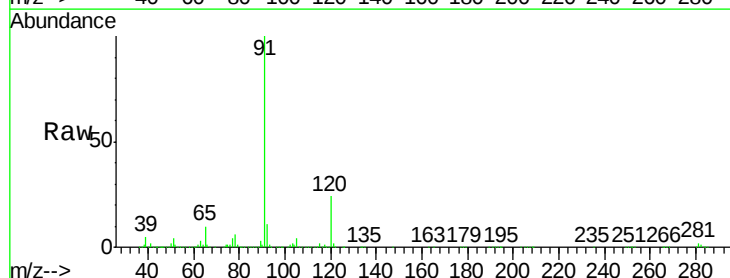
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000816.D

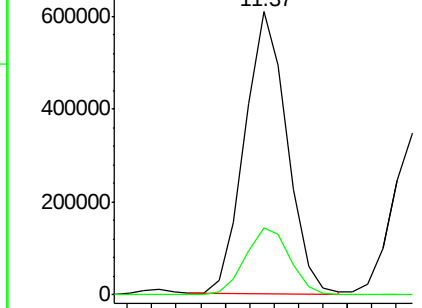
Acq: 12 Apr 2018 21:39

Tgt Ion:	91	Resp:	729475
Ion Ratio	Lower	Upper	
91	100		
120	25.0	12.6	37.6

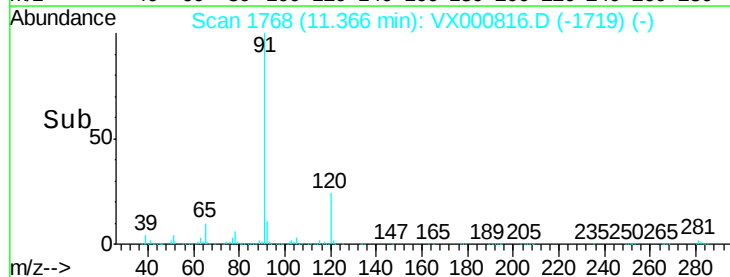


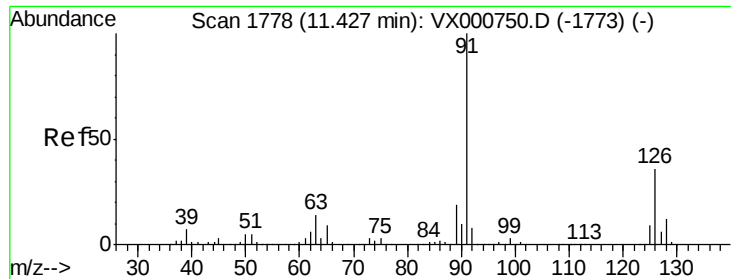
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time-->





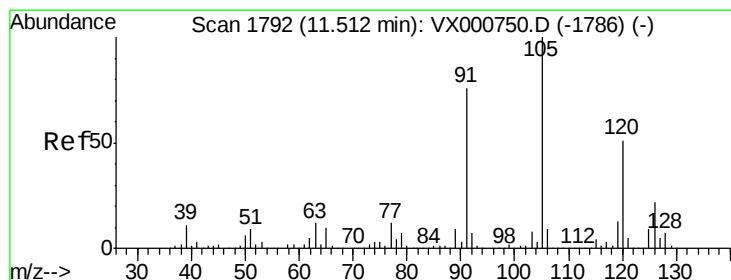
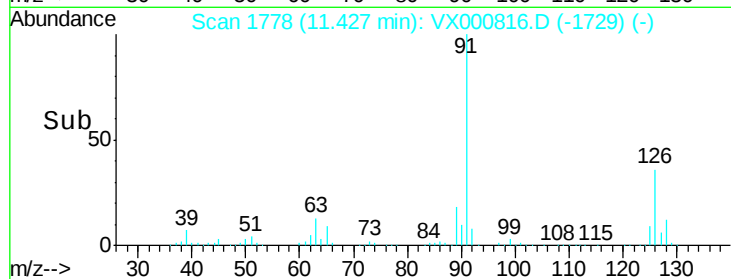
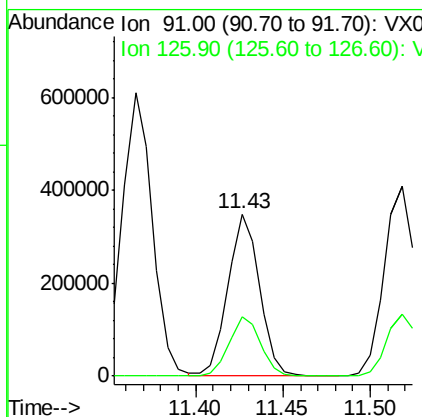
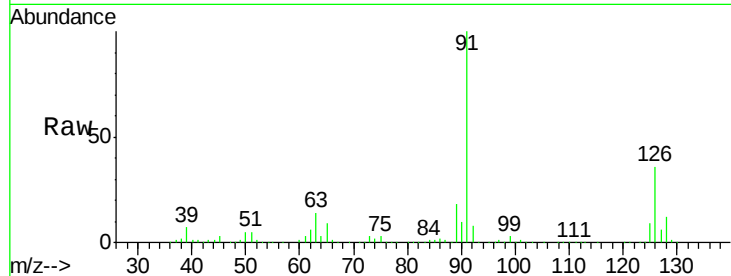
#79
 2-Chlorotoluene
 Concen: 47.94 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 434563
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.3 54.9

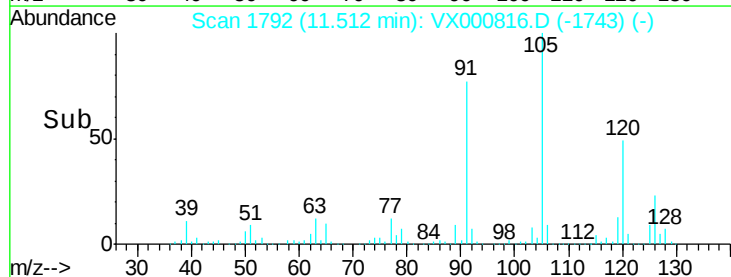
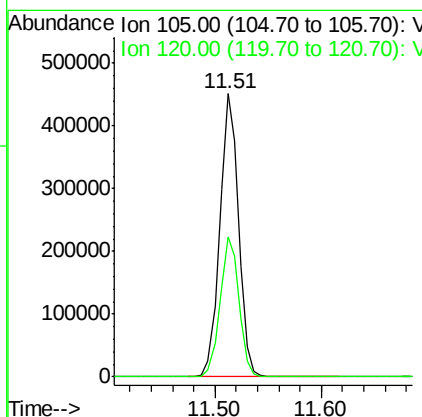
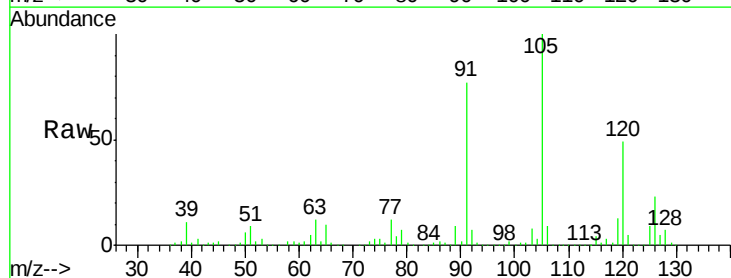
Manual Integrations
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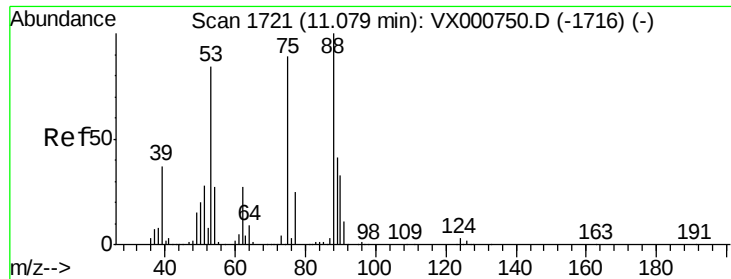
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 47.75 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion: 105 Resp: 550687
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 44.64 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

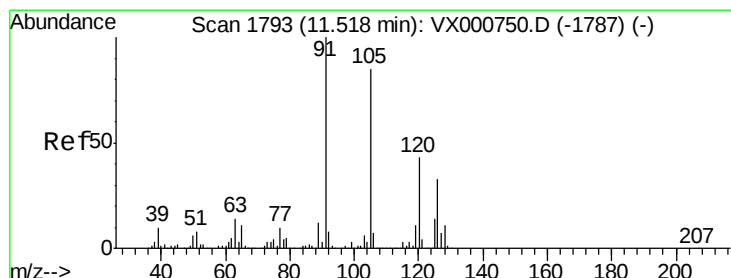
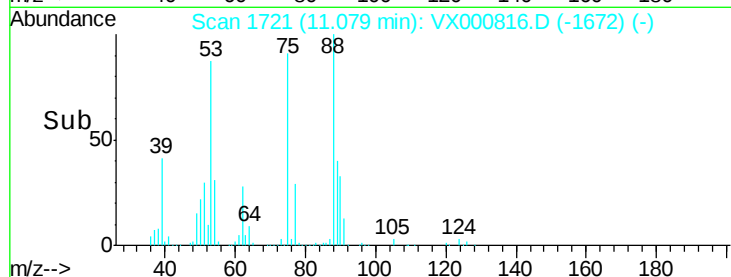
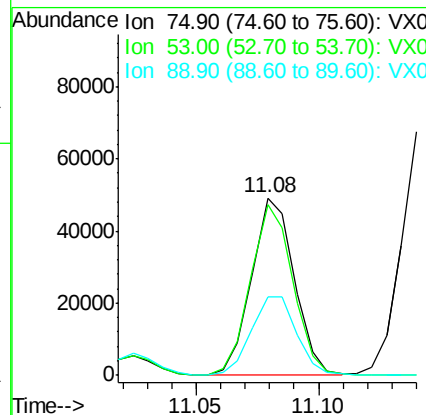
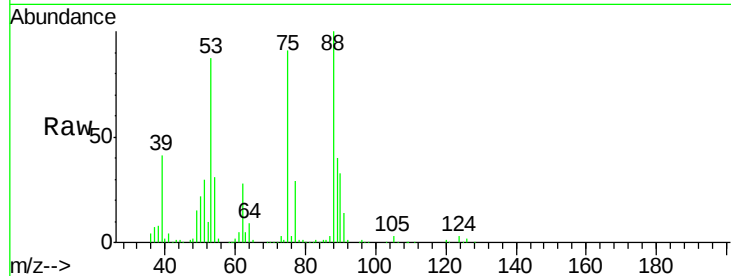
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	59155
Ion	Ratio	Lower	Upper
75	100		
53	96.3	75.4	113.0
89	48.1	40.9	61.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.33 ug/l

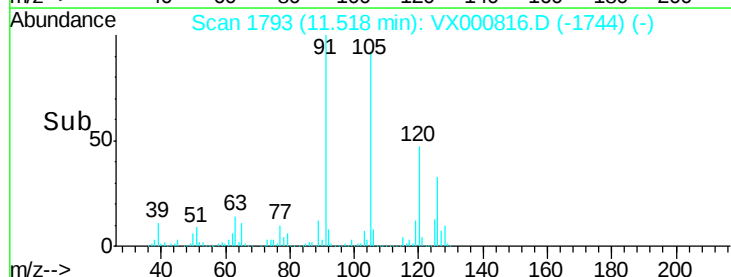
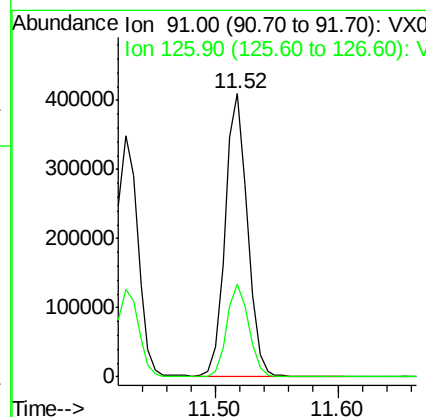
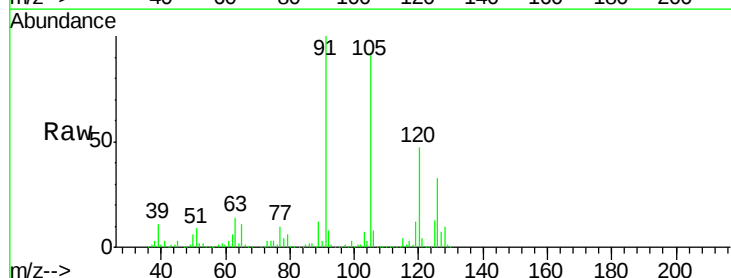
RT: 11.52 min Scan# 1793

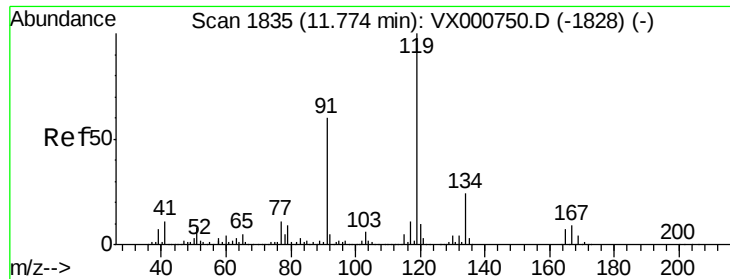
Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Tgt Ion:	91	Resp:	517935
Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.2	48.6





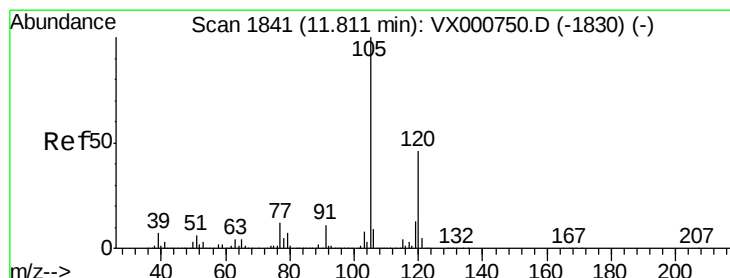
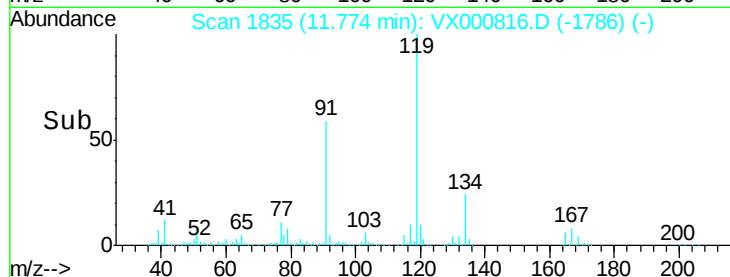
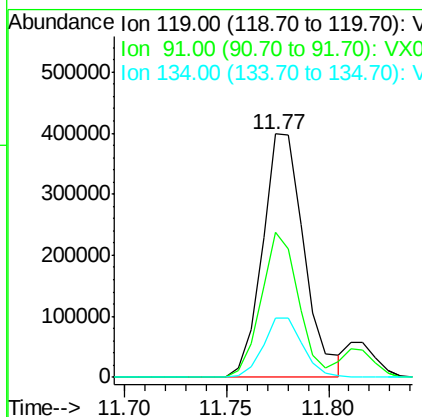
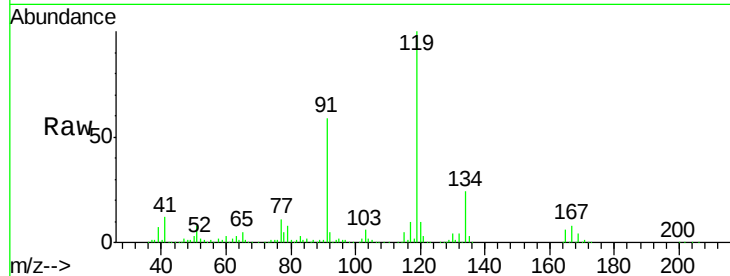
#83
 tert-Butylbenzene
 Concen: 48.06 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	53.3	26.8	80.3
134	23.4	11.5	34.4

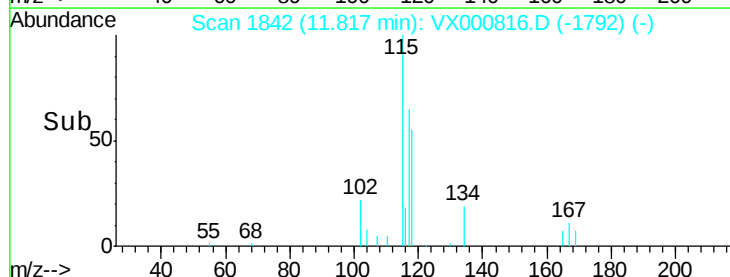
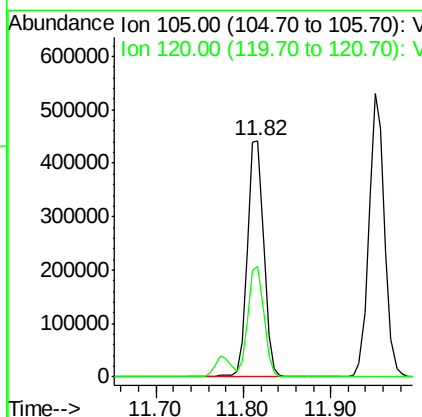
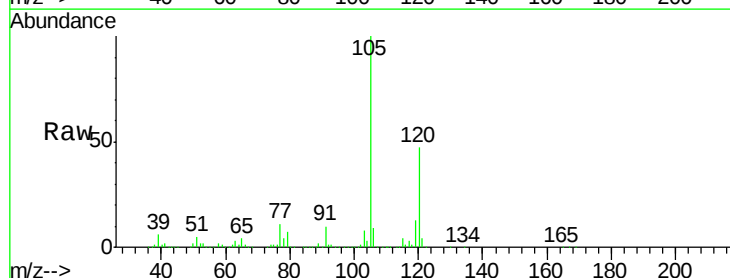
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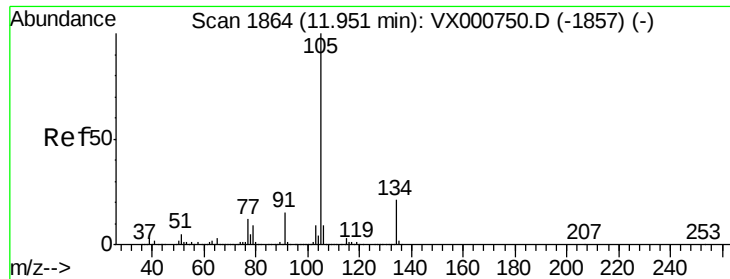
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.68 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.3





#85

sec-Butylbenzene

Concen: 47.48 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 660833

Ion Ratio Lower Upper

105 100

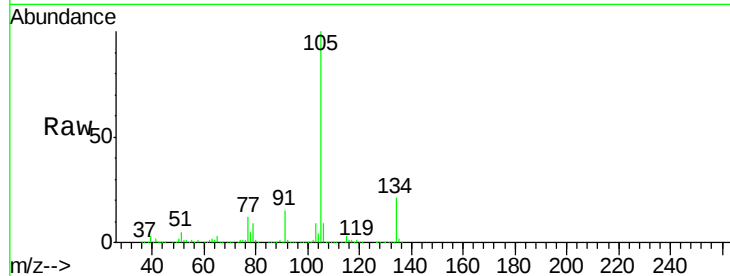
134 21.7 10.8 32.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

600000

500000

400000

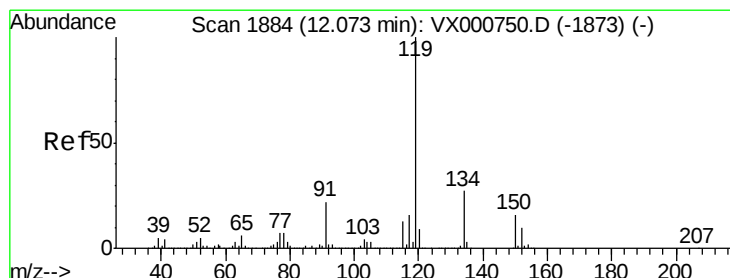
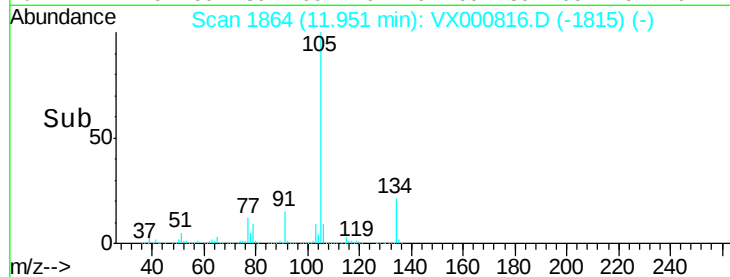
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 47.27 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

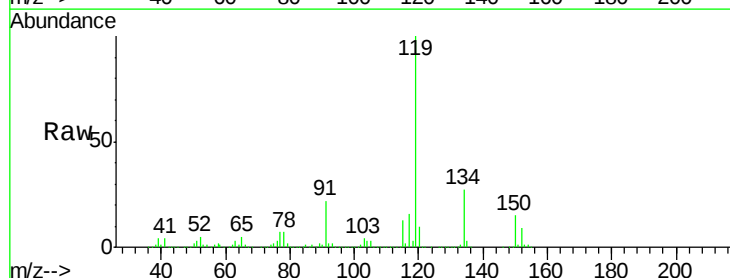
Tgt Ion:119 Resp: 613497

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 22.3 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

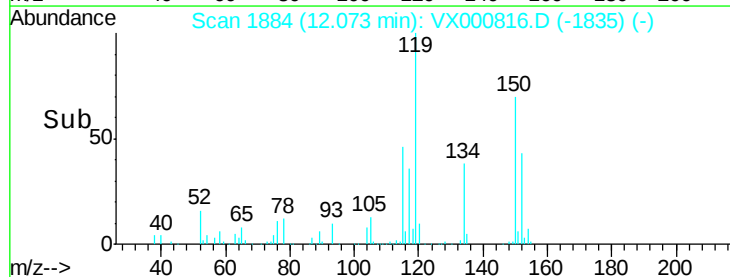
600000

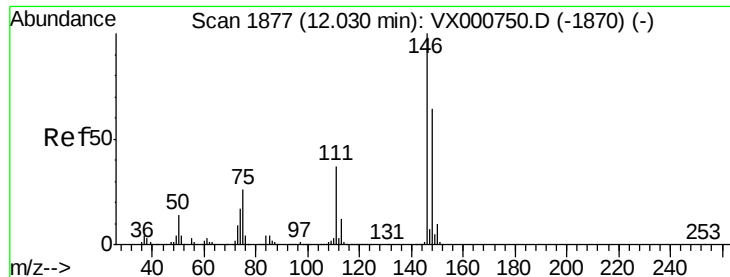
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 47.50 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

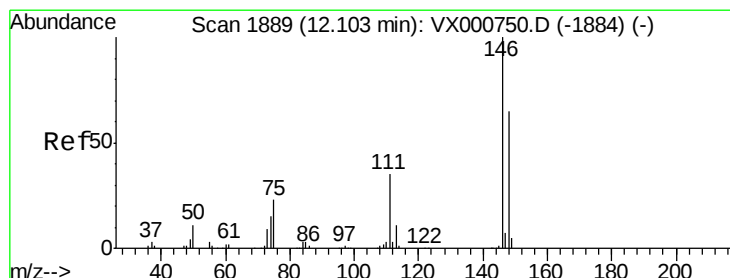
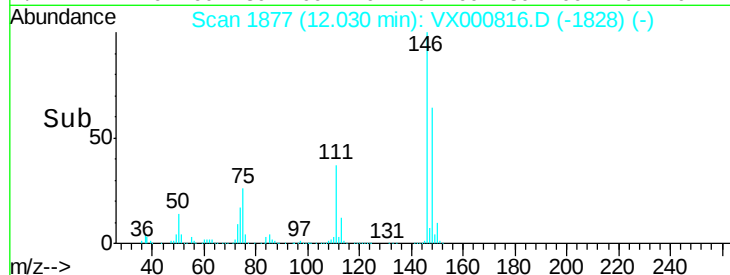
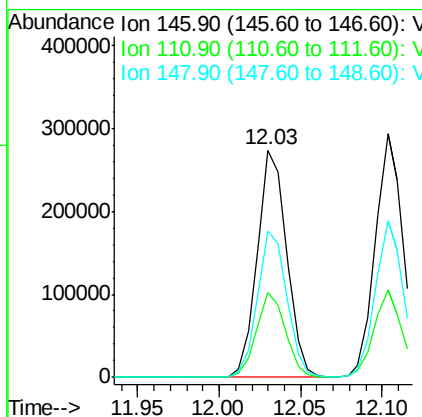
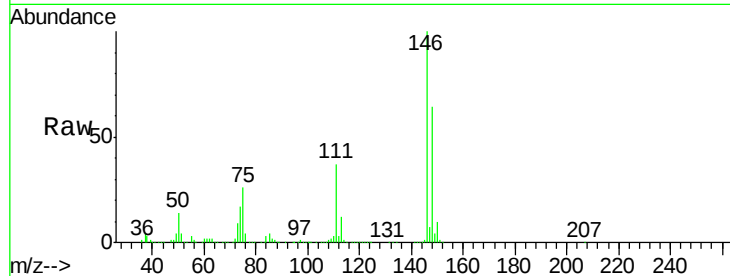
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	345494
Ion Ratio	Lower	Upper	
146	100		
111	36.9	18.3	54.8
148	64.2	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 47.23 ug/l

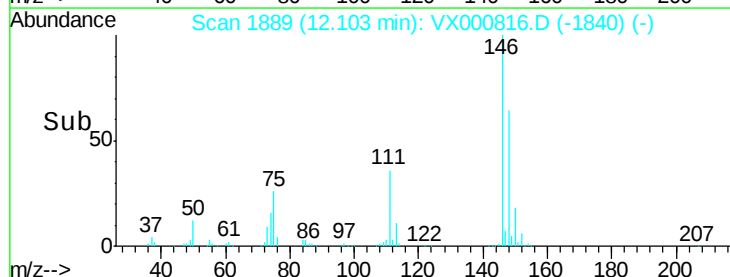
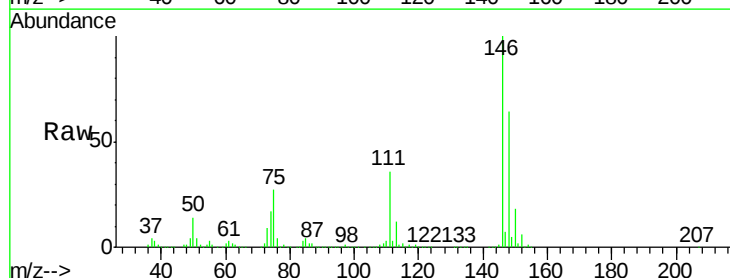
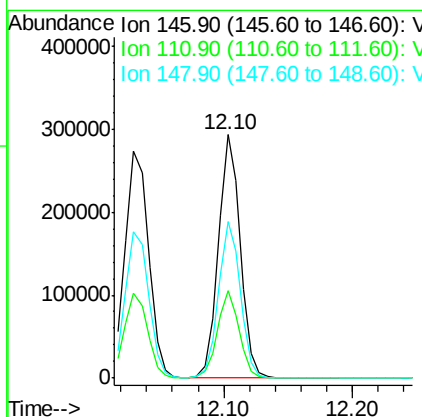
RT: 12.10 min Scan# 1889

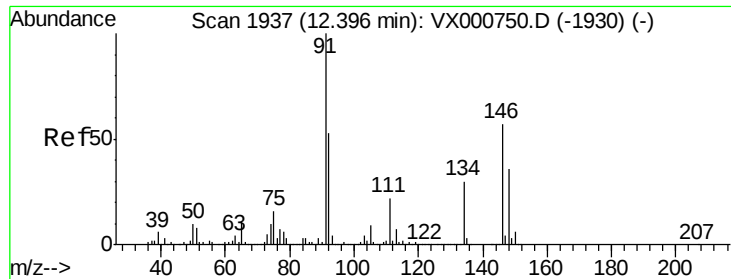
Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Tgt Ion:	146	Resp:	352085
Ion Ratio	Lower	Upper	
146	100		
111	35.7	17.9	53.8
148	64.6	32.6	97.7





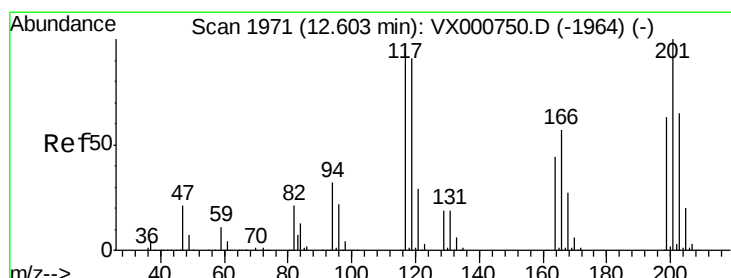
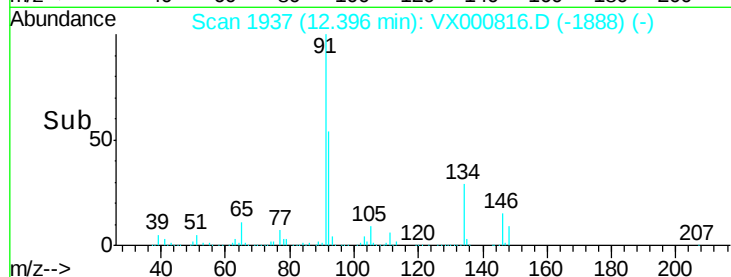
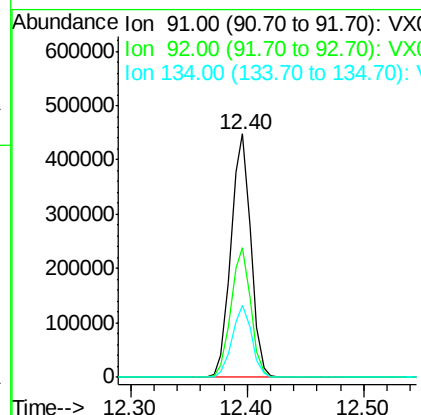
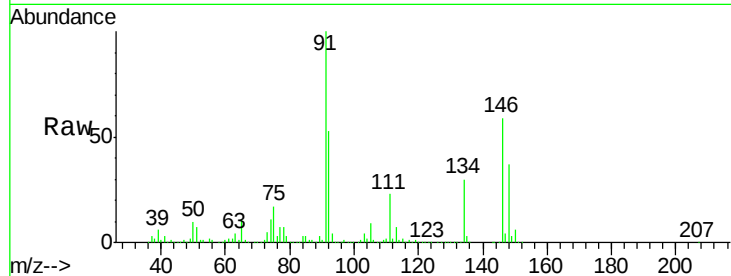
#89
n-Butylbenzene
Concen: 46.11 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		528233		
92	53.2	26.5	79.5		
134	29.1	14.5	43.5		

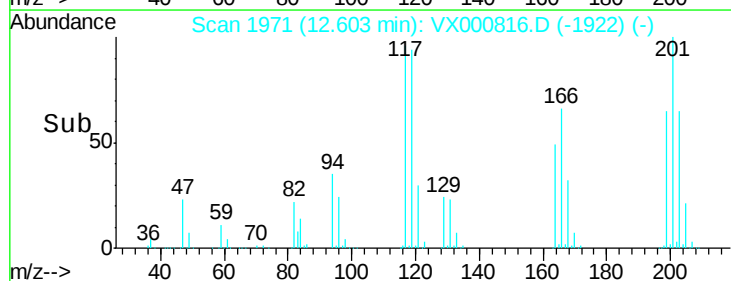
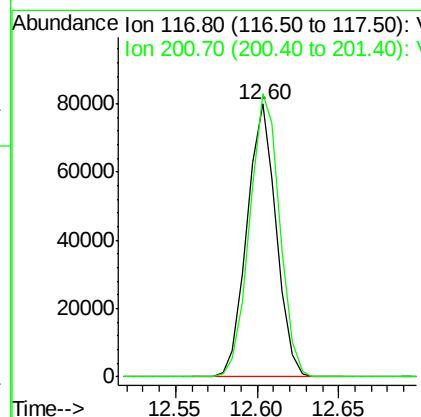
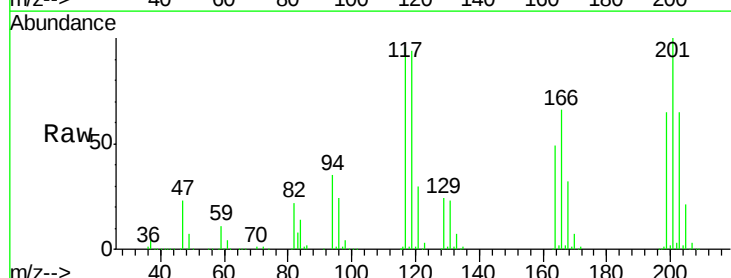
Manual Integrations
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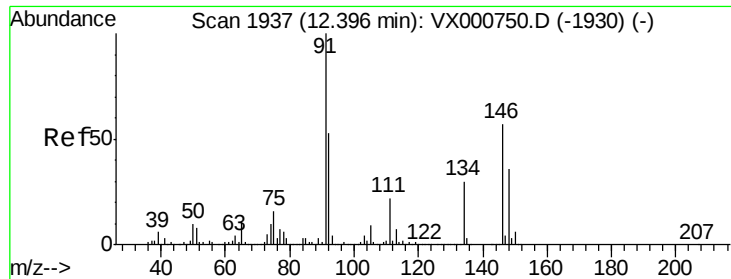
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#90
Hexachloroethane
Concen: 45.47 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000816.D
Acq: 12 Apr 2018 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		99858		
201	106.4	52.9	158.7		





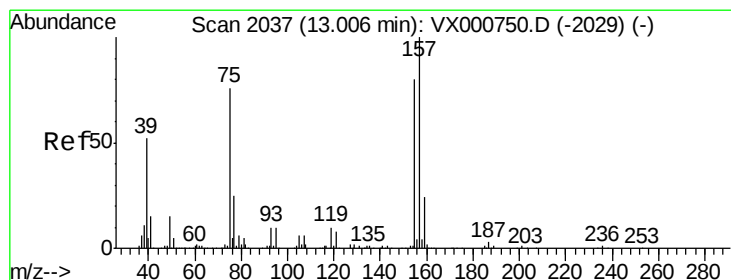
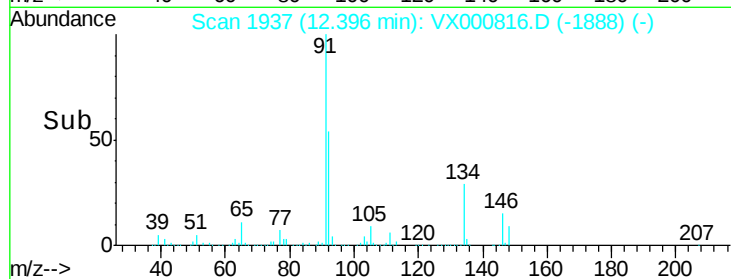
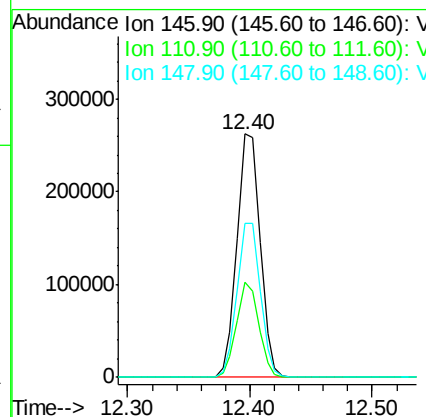
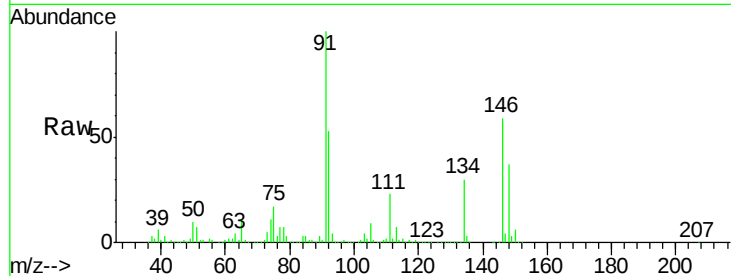
#91
 1,2-Dichlorobenzene
 Concen: 48.82 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.7
148	63.7	32.0	96.2

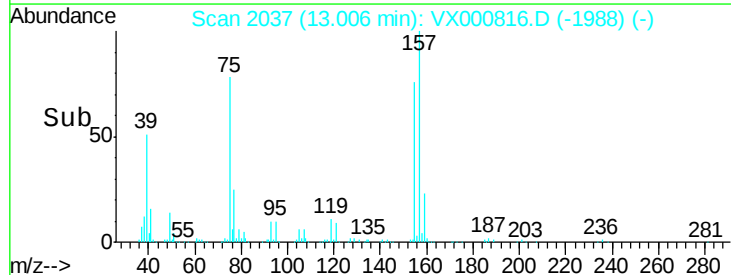
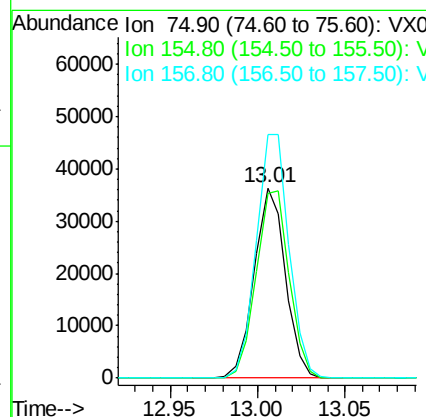
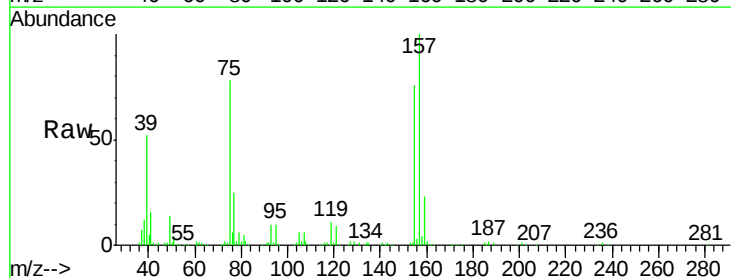
Manual Integrations
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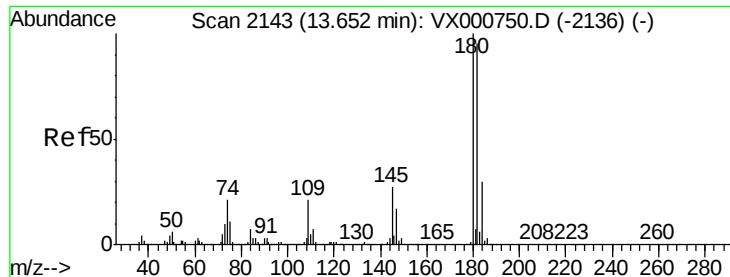
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.29 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.3	51.9	155.8
157	134.5	66.6	199.8





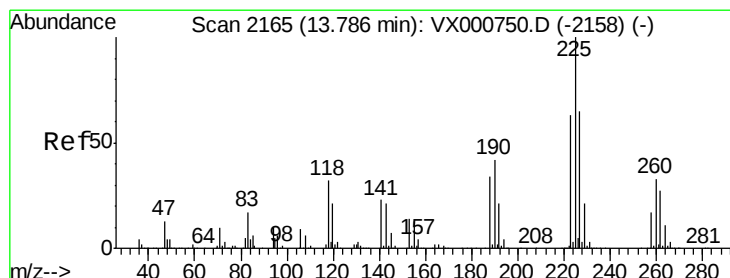
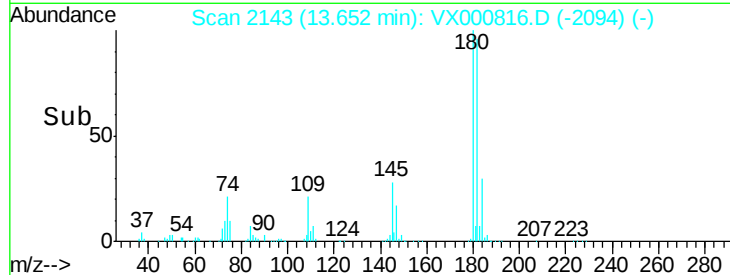
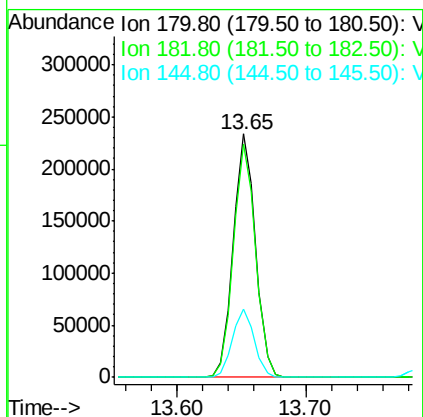
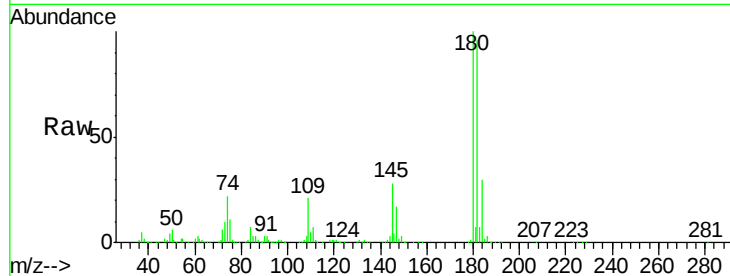
#93
 1,2,4-Trichlorobenzene
 Concen: 46.92 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	281133		
182	95.8	47.5	142.5	
145	27.7	13.8	41.4	

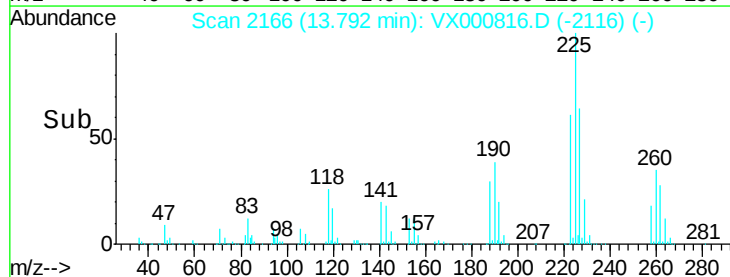
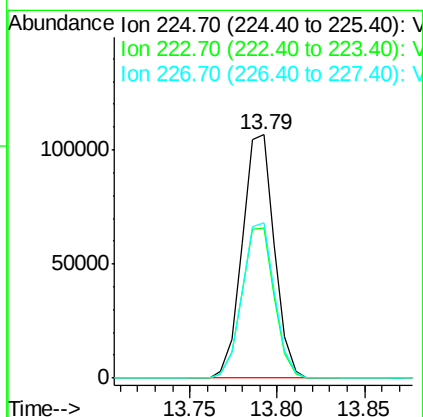
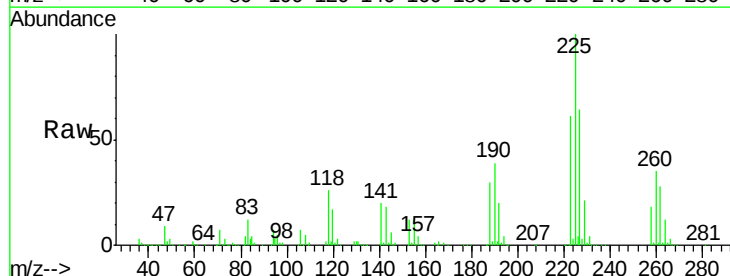
Manual Integrations
 APPROVED

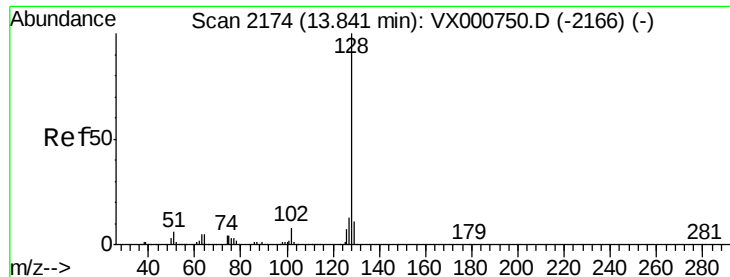
apatel
 4/13/2018 2:58:11 PM



#94
 Hexachlorobutadiene
 Concen: 46.05 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VX000816.D
 Acq: 12 Apr 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	135671		
223	62.3	31.2	93.6	
227	64.2	32.3	96.9	





#95

Naphthalene

Concen: 49.69 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Instrument :

MSVOA_X

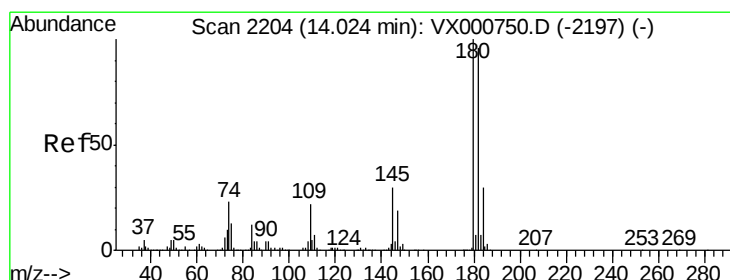
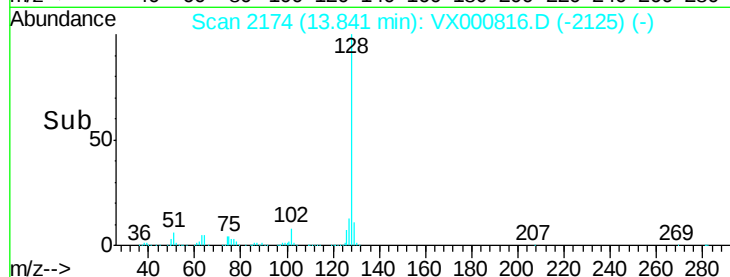
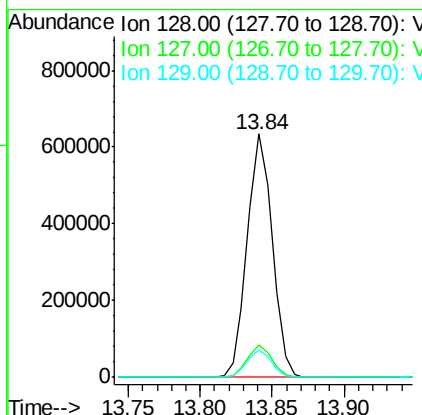
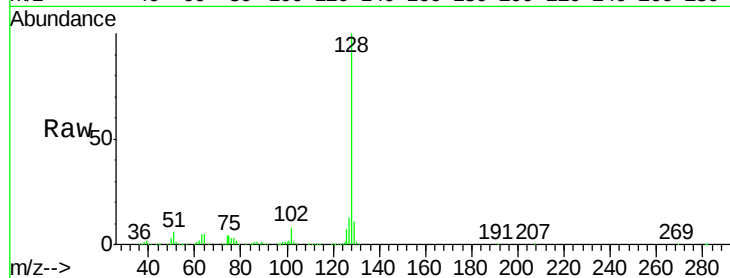
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	764264
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
4/13/2018 2:58:11 PM



#96

1,2,3-Trichlorobenzene

Concen: 48.24 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000816.D

Acq: 12 Apr 2018 21:39

Tgt Ion:	180	Resp:	280764
Ion Ratio	Lower	Upper	
180	100		
182	96.3	48.4	145.2
145	29.4	14.6	43.8

