

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050818\
 Data File : VX001504.D
 Acq On : 08 May 2018 10:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/10/2018 1:11:31 PM

Quant Time: May 08 13:52:36 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233717	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	179868	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
35) Dibromofluoromethane	5.51	113	146089	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	8.72	98	534023	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.14	95	208013	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	179323	51.39	ug/l	99
3) Chloromethane	1.32	50	162030	47.68	ug/l	99
4) Vinyl Chloride	1.40	62	167279	47.16	ug/l	98
5) Bromomethane	1.64	94	82325	50.76	ug/l	99
6) Chloroethane	1.72	64	108617	46.33	ug/l	97
7) Trichlorofluoromethane	1.93	101	269277	50.45	ug/l	100
8) Diethyl Ether	2.19	74	98455	47.06	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	158821	50.75	ug/l	99
10) Methyl Iodide	2.51	142	217231	48.11	ug/l	99
11) Tert butyl alcohol	3.07	59	168202	214.12	ug/l	99
12) 1,1-Dichloroethene	2.37	96	136915	47.73	ug/l	99
13) Acrolein	2.29	56	38414	247.96	ug/l	96
14) Allyl chloride	2.73	41	256339	47.93	ug/l	97
15) Acrylonitrile	3.15	53	402212	226.58	ug/l	100
16) Acetone	2.45	43	409350	241.95	ug/l	99
17) Carbon Disulfide	2.57	76	338326	46.35	ug/l	99
18) Methyl Acetate	2.78	43	211997	47.69	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	483766	48.44	ug/l	100
20) Methylene Chloride	2.85	84	152643	45.57	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	149184	46.60	ug/l	96
22) Diisopropyl ether	3.87	45	493095	49.35	ug/l	98
23) Vinyl Acetate	3.82	43	2136158	256.51	ug/l	100
24) 1,1-Dichloroethane	3.70	63	271384	48.62	ug/l	99
25) 2-Butanone	4.71	43	577198	236.02	ug/l	98
26) 2,2-Dichloropropane	4.59	77	225683	52.36	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	166823	48.93	ug/l	97
28) Bromochloromethane	5.02	49	123369	50.98	ug/l	98
29) Tetrahydrofuran	5.17	42	361632	231.11	ug/l	100
30) Chloroform	5.22	83	290186	50.47	ug/l	97
31) Cyclohexane	5.58	56	244368	50.97	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	260583	51.85	ug/l	100
36) 1,1-Dichloropropene	5.80	75	214969	52.70	ug/l	99
37) Ethyl Acetate	4.86	43	219272	49.04	ug/l	99
38) Carbon Tetrachloride	5.79	117	240077	55.18	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	266936	55.35	ug/l	99
40) Benzene	6.15	78	626337	52.57	ug/l	99
41) Methacrylonitrile	5.06	41	126045	49.27	ug/l	99
42) 1,2-Dichloroethane	6.20	62	244499	53.39	ug/l	99
43) Isopropyl Acetate	6.47	43	357841	52.13	ug/l	100
44) Trichloroethene	7.21	130	194954	53.53	ug/l	99
45) 1,2-Dichloropropane	7.52	63	155652	52.40	ug/l	98
46) Dibromomethane	7.66	93	111306	52.93	ug/l	99
47) Bromodichloromethane	7.90	83	214704	55.17	ug/l	98
48) Methyl methacrylate	7.78	41	194773	52.11	ug/l	100
49) 1,4-Dioxane	7.76	88	76572	948.23	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1177573	258.16	ug/l	100
52) Toluene	8.79	92	421292	54.08	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	250919	57.05	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	236240	51.87	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	169543	54.02	ug/l	98
56) Ethyl methacrylate	9.18	69	248121	54.84	ug/l	99
57) 1,3-Dichloropropane	9.38	76	277663	53.50	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	625605	281.92	ug/l	100
59) 2-Hexanone	9.50	43	919914	263.37	ug/l	99
60) Dibromochloromethane	9.59	129	185975	57.86	ug/l	99
61) 1,2-Dibromoethane	9.68	107	179941	54.60	ug/l	99
64) Tetrachloroethene	9.34	164	241844	54.95	ug/l	98
65) Chlorobenzene	10.14	112	484833	52.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	182470	55.09	ug/l	99
67) Ethyl Benzene	10.26	91	818732	53.95	ug/l	99
68) m/p-Xylenes	10.37	106	664782	110.85	ug/l	99
69) o-Xylene	10.70	106	315890	54.20	ug/l	99
70) Styrene	10.72	104	533095	56.30	ug/l	99
71) Bromoform	10.86	173	148599	46.89	ug/l	99
73) Isopropylbenzene	11.02	105	844604	52.20	ug/l	99
74) N-amyl acetate	6.47	43	357841	48.69	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	233758	48.92	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	236072m	49.80	ug/l	
77) Bromobenzene	11.26	156	234081	49.76	ug/l	100
78) n-propylbenzene	11.37	91	957448	54.34	ug/l	99
79) 2-Chlorotoluene	11.43	91	561163	51.76	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	716839	53.21	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	67538	45.82	ug/l	98
82) 4-Chlorotoluene	11.52	91	662334	52.95	ug/l	100
83) tert-Butylbenzene	11.77	119	690930	51.55	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	737334	53.26	ug/l	100
85) sec-Butylbenzene	11.95	105	881965	54.82	ug/l	100
86) p-Isopropyltoluene	12.07	119	818935	55.49	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	440199	52.35	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	445996	52.00	ug/l	100
89) n-Butylbenzene	12.40	91	692100	56.60	ug/l	100
90) Hexachloroethane	12.60	117	122168	54.97	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	438968	51.31	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54756	52.15	ug/l	98

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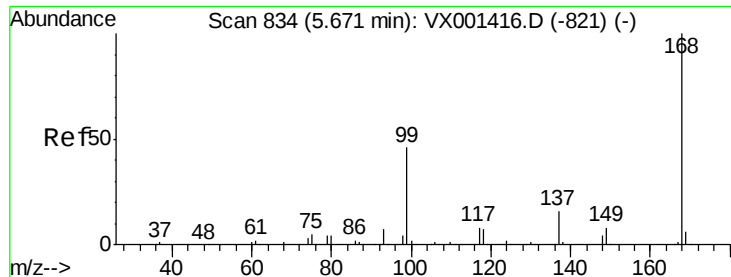
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	344940	55.10	ug/l	100
94) Hexachlorobutadiene	13.79	225	189931	55.45	ug/l	99
95) Naphthalene	13.84	128	929635	53.70	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	346120	53.88	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 259225

Ion Ratio Lower Upper

168 100

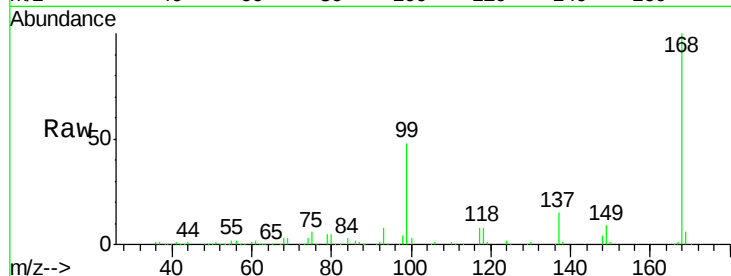
99 47.6 36.6 54.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

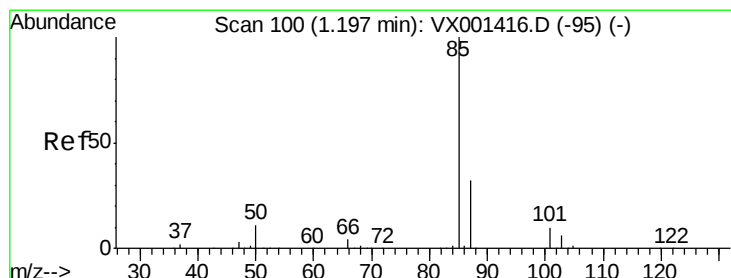
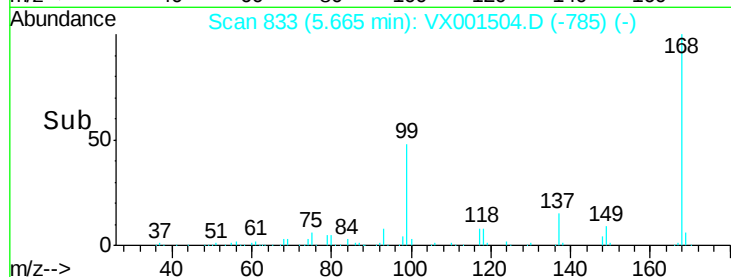
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.39 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001504.D

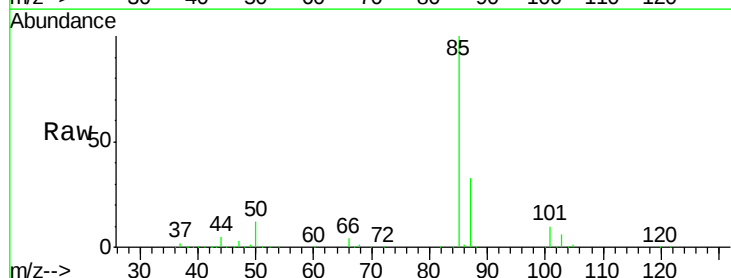
Acq: 08 May 2018 10:26

Tgt Ion: 85 Resp: 179323

Ion Ratio Lower Upper

85 100

87 32.8 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

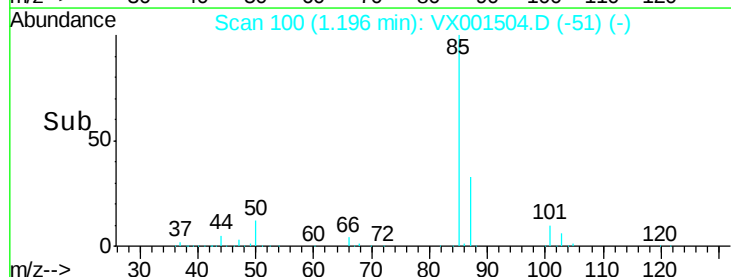
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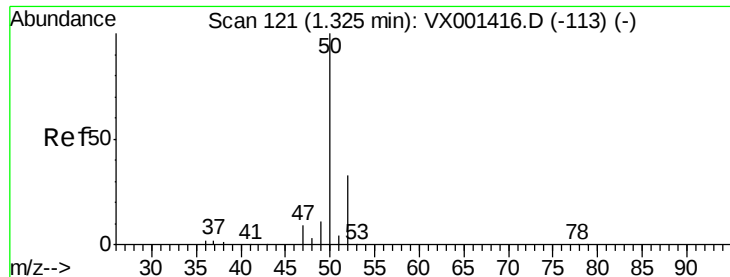
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50000

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Time-->





#3

Chloromethane

Concen: 47.68 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 162030

Ion Ratio Lower Upper

50 100

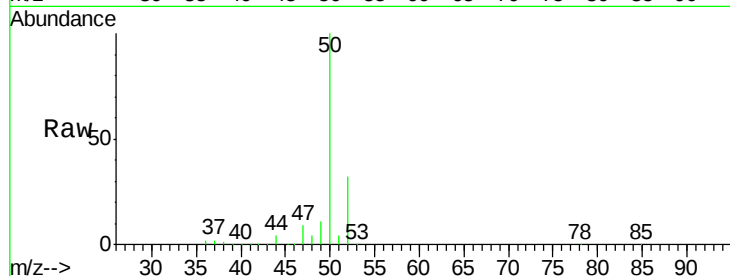
52 32.4 26.2 39.4

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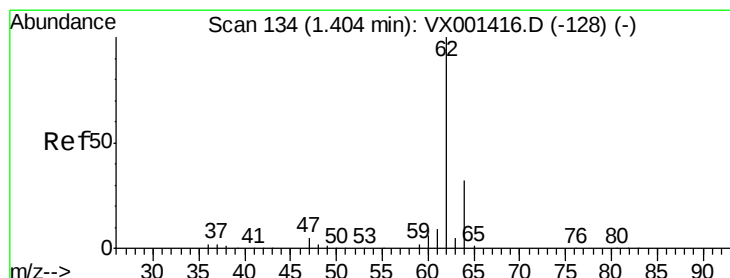
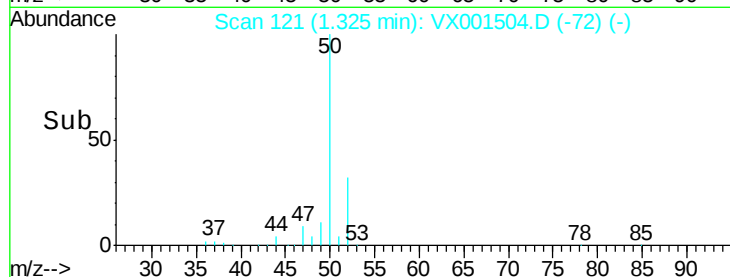
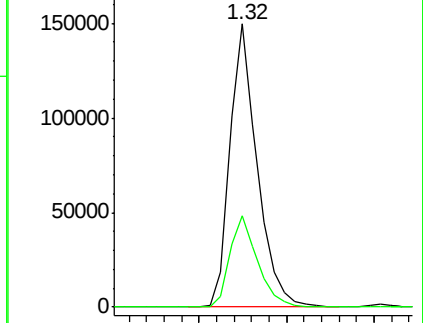
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.16 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001504.D

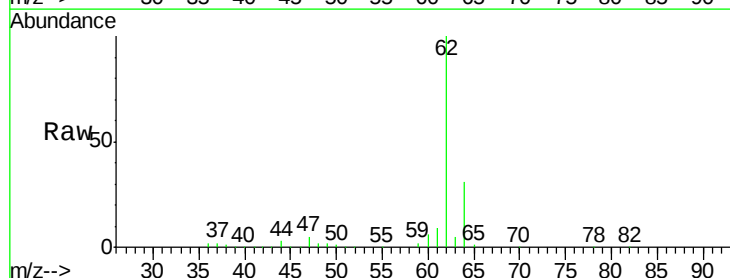
Acq: 08 May 2018 10:26

Tgt Ion: 62 Resp: 167279

Ion Ratio Lower Upper

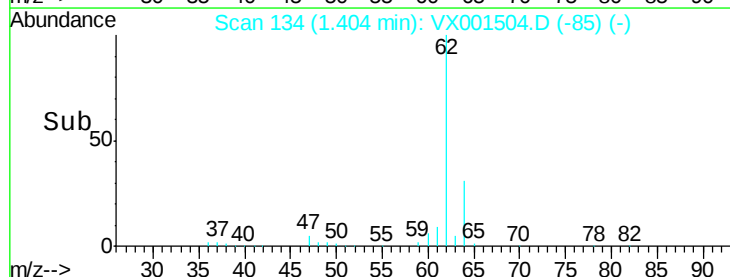
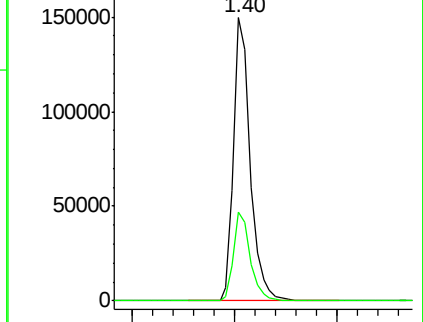
62 100

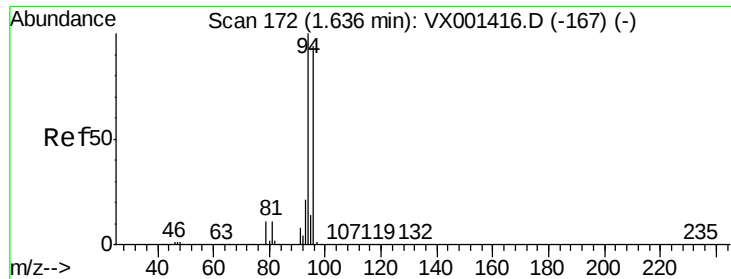
64 31.2 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.76 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 82325

Ion Ratio Lower Upper

94 100

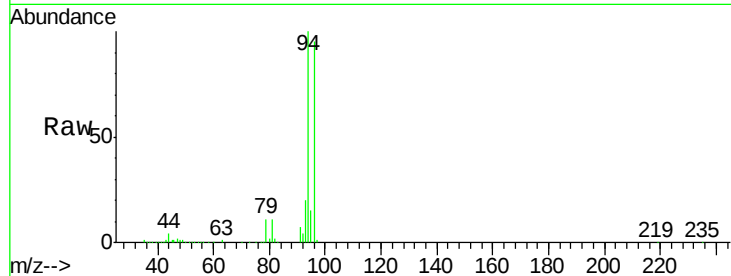
96 94.9 75.0 112.6

Manual Integrations

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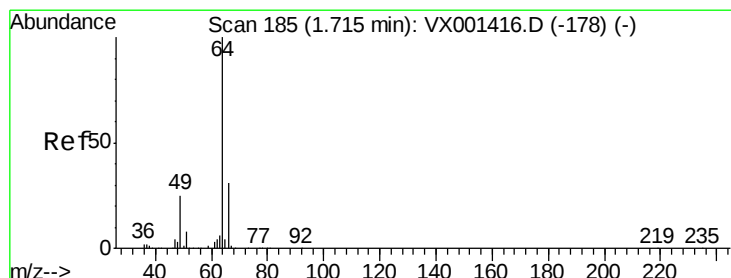
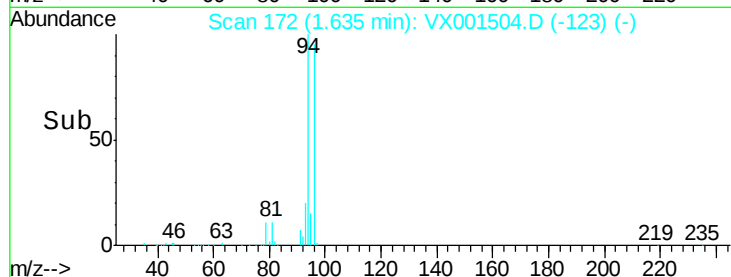
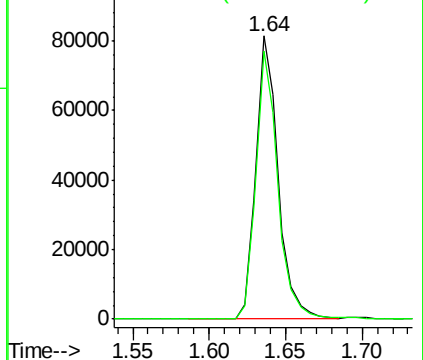
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.33 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001504.D

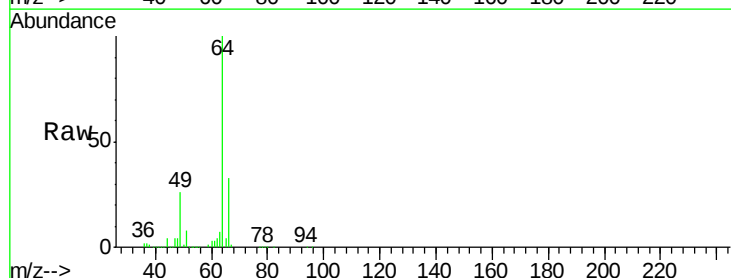
Acq: 08 May 2018 10:26

Tgt Ion: 64 Resp: 108617

Ion Ratio Lower Upper

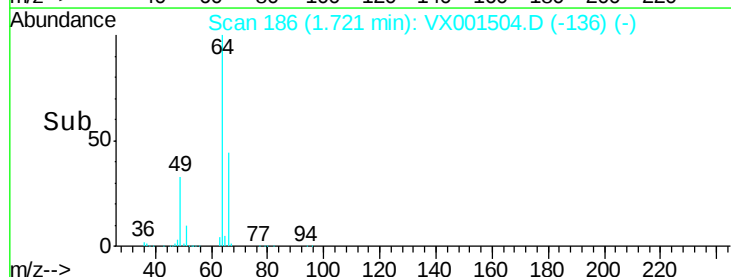
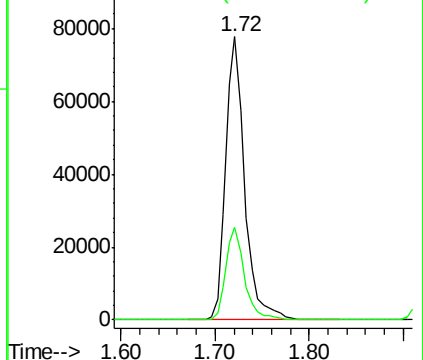
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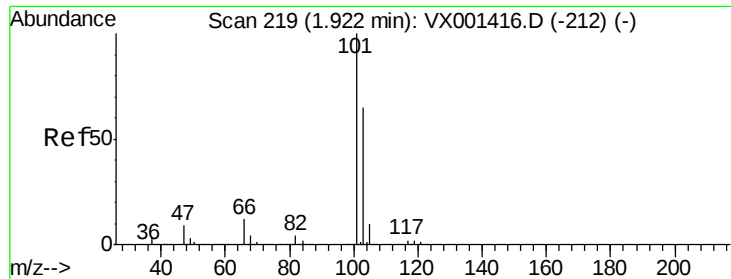
66 33.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

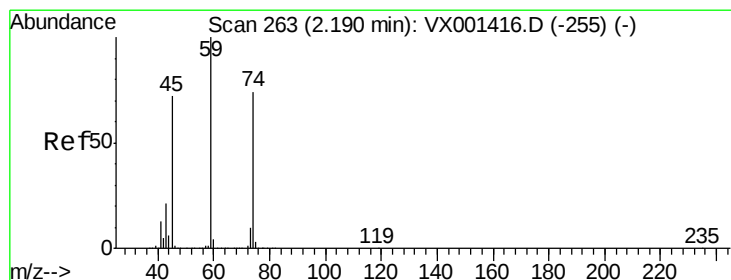
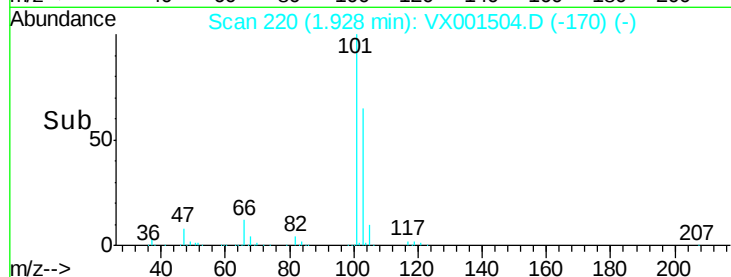
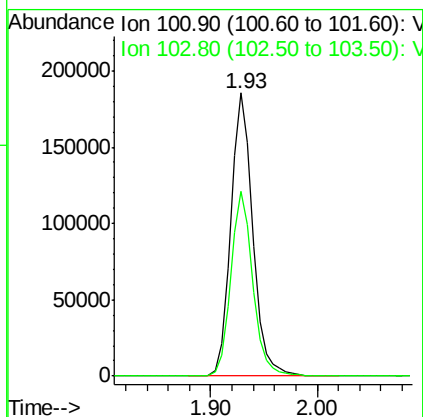
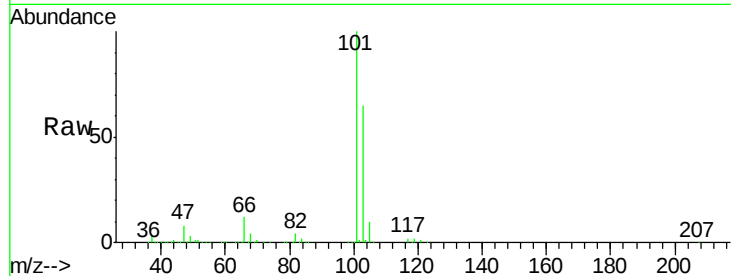
Trichlorofluoromethane
 Concen: 50.45 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.0	78.0

Manual Integrations
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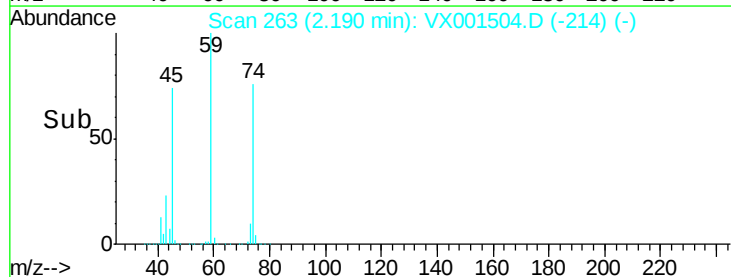
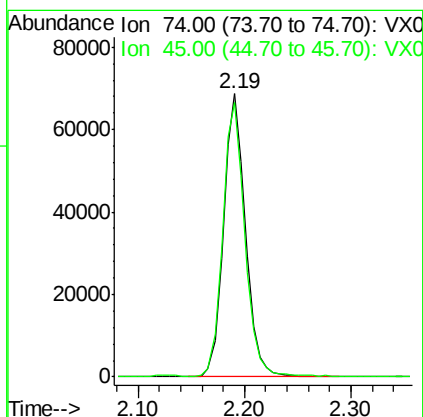
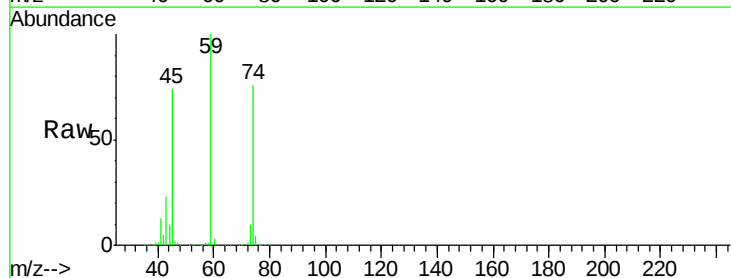
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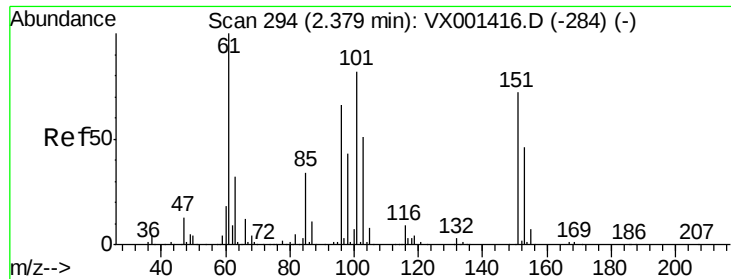


#8

Diethyl Ether
 Concen: 47.06 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.0	47.9	143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.75 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

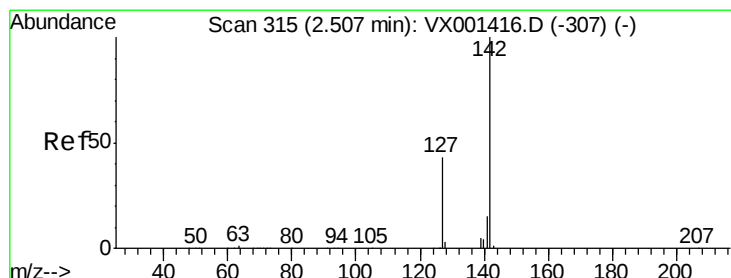
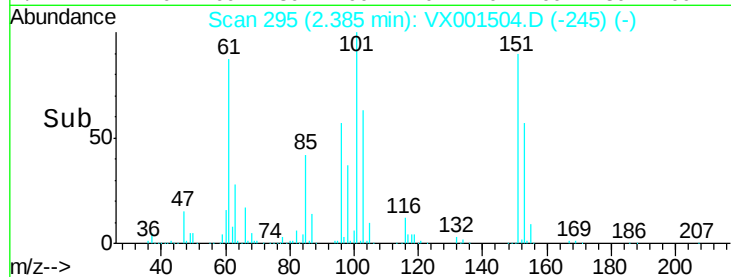
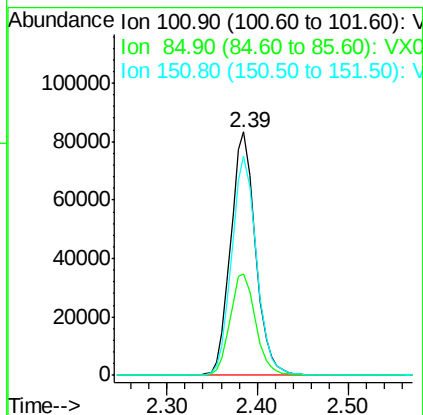
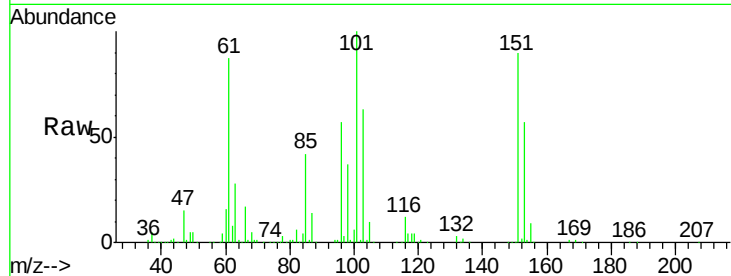
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	158821
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.7	50.5
151	89.9	72.3	108.5

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#10

Methyl Iodide

Concen: 48.11 ug/l

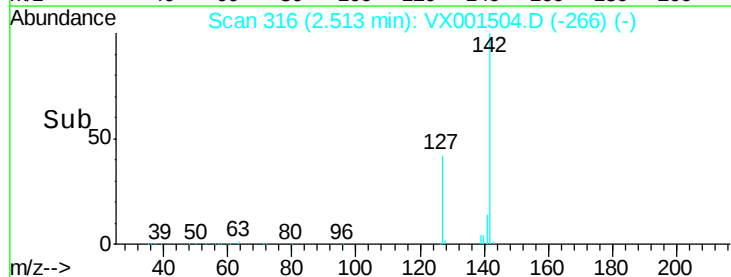
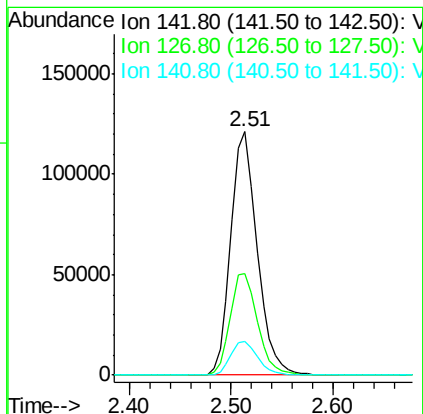
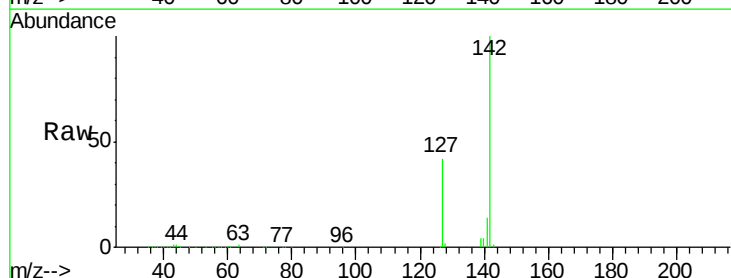
RT: 2.51 min Scan# 316

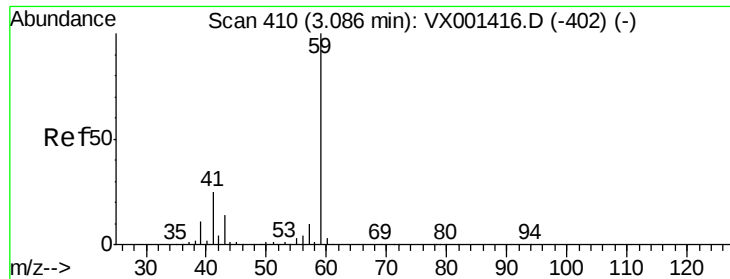
Delta R.T. 0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Tgt Ion:	142	Resp:	217231
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.6	50.4
141	14.4	11.4	17.2





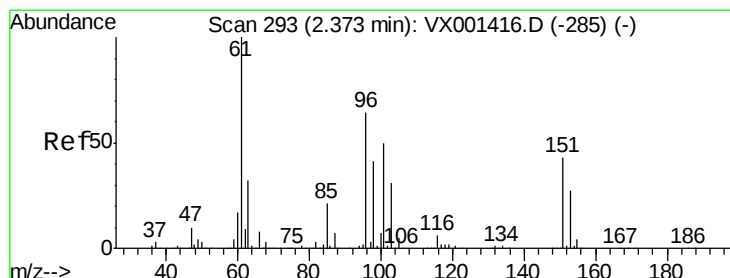
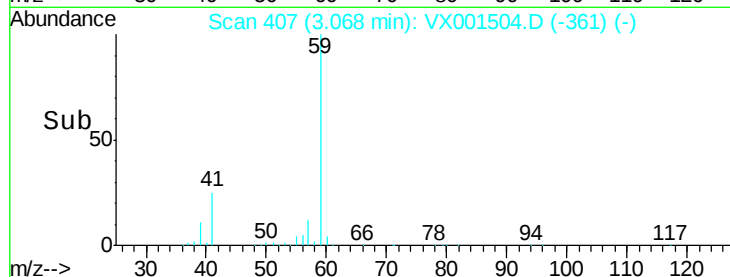
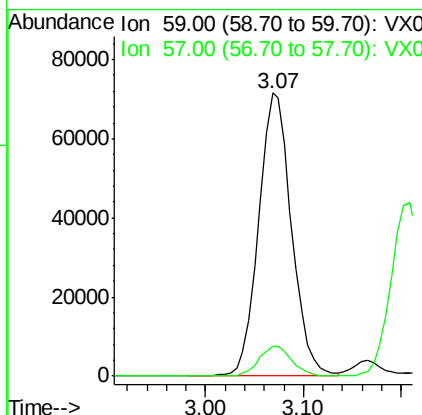
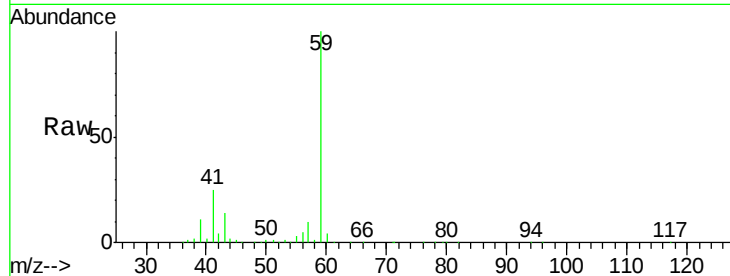
#11
Tert butyl alcohol
Concen: 214.12 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 168202
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

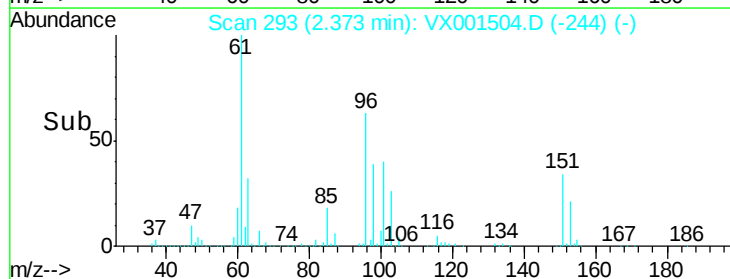
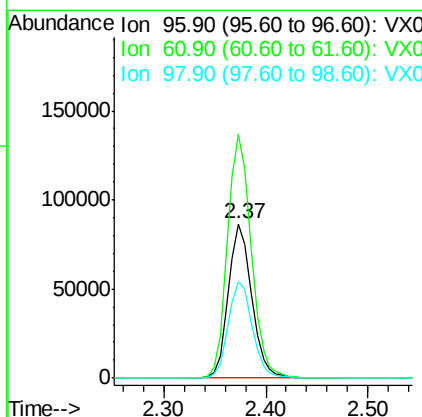
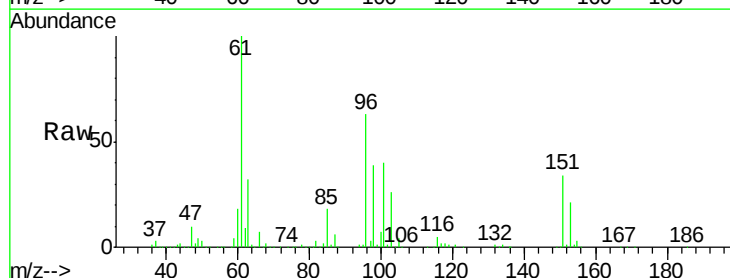
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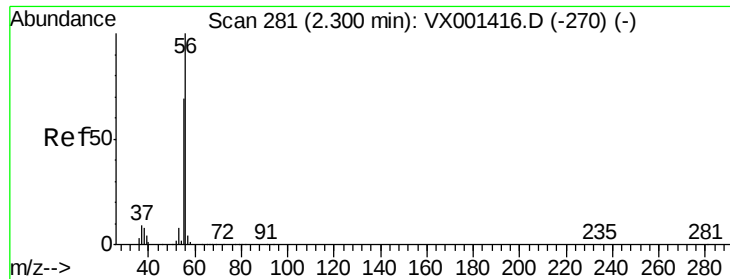
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.73 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Tgt Ion: 96 Resp: 136915
Ion Ratio Lower Upper
96 100
61 157.8 125.7 188.5
98 62.3 52.0 78.0





#13

Acrolein

Concen: 247.96 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 38414

Ion Ratio Lower Upper

56 100

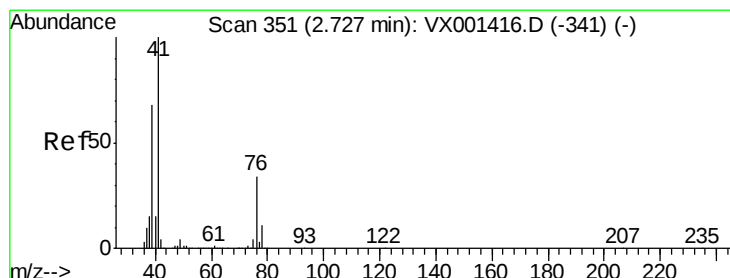
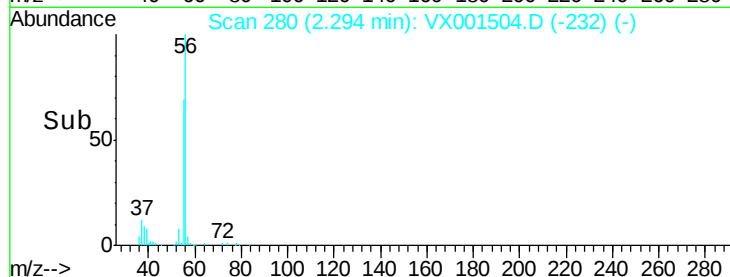
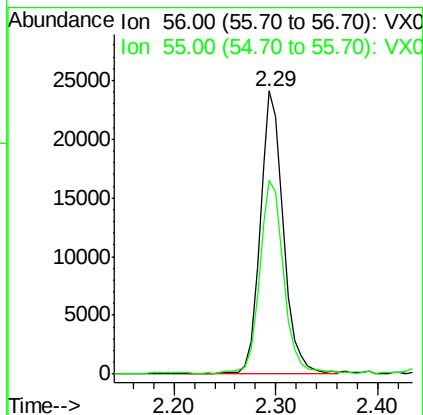
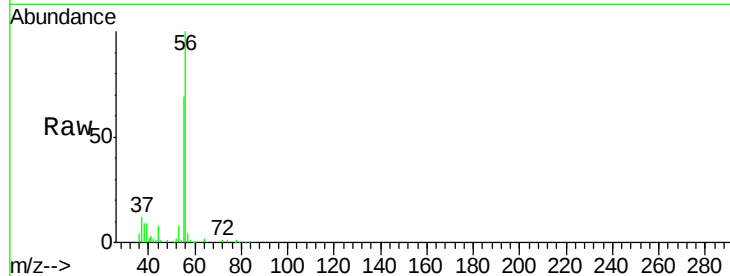
55 71.7 54.5 81.7

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#14

Allyl chloride

Concen: 47.93 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

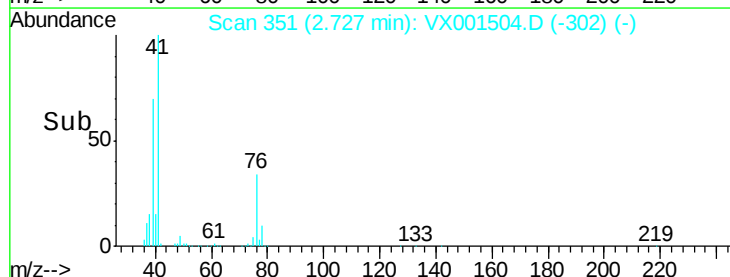
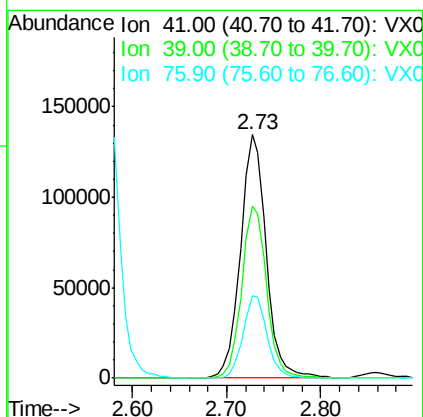
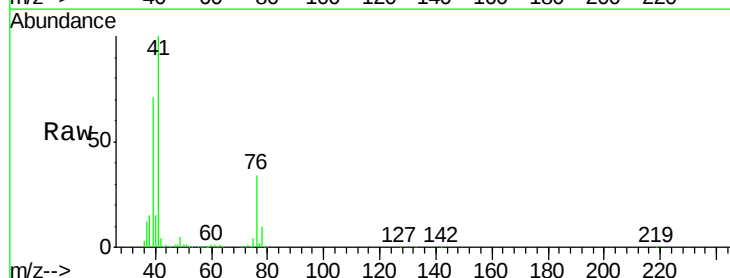
Tgt Ion: 41 Resp: 256339

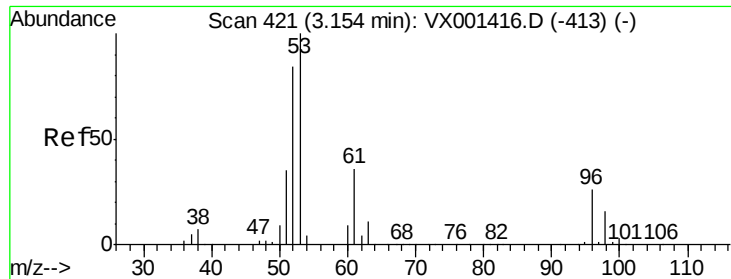
Ion Ratio Lower Upper

41 100

39 68.6 52.4 78.6

76 31.5 25.8 38.6





#15

Acrylonitrile

Concen: 226.58 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

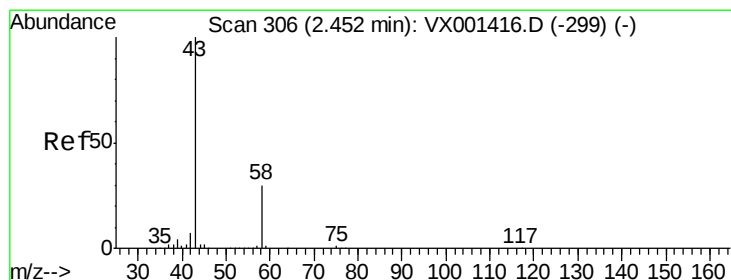
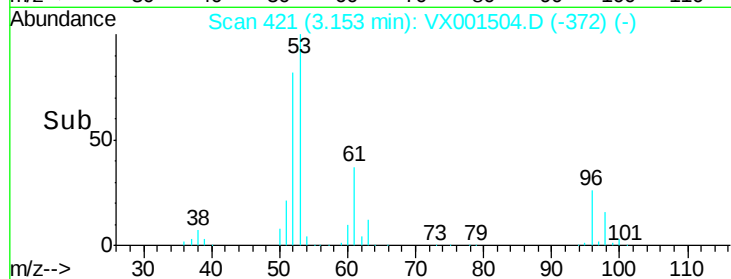
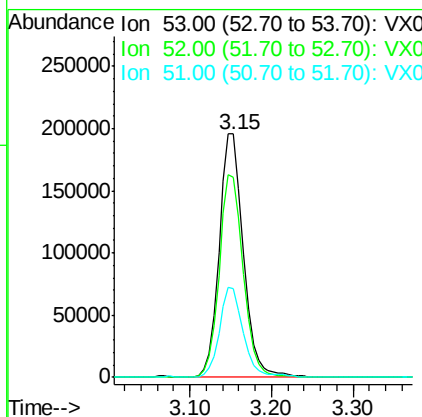
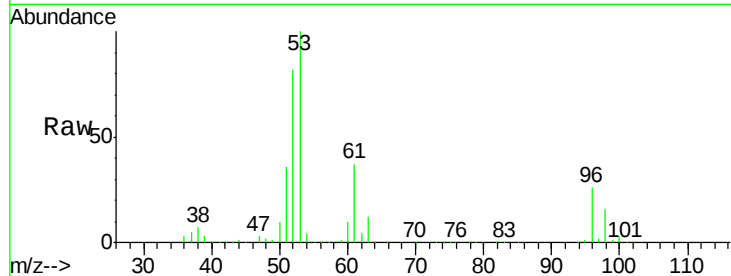
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	402212
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.2	99.2
51	36.5	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 241.95 ug/l

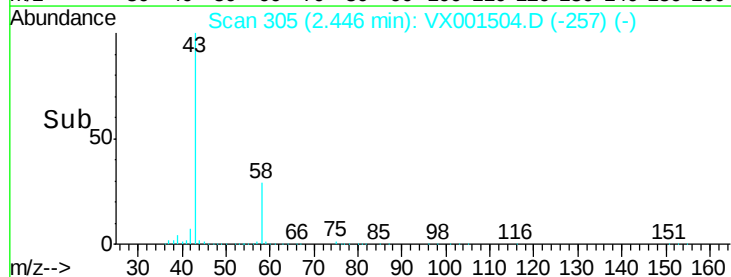
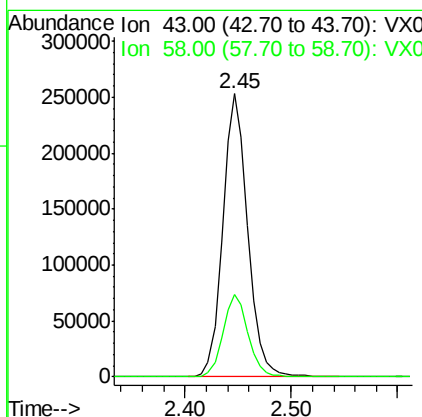
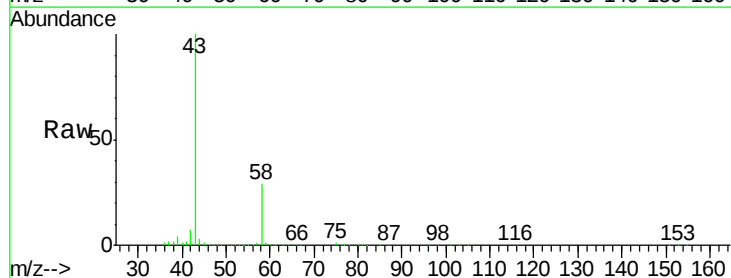
RT: 2.45 min Scan# 305

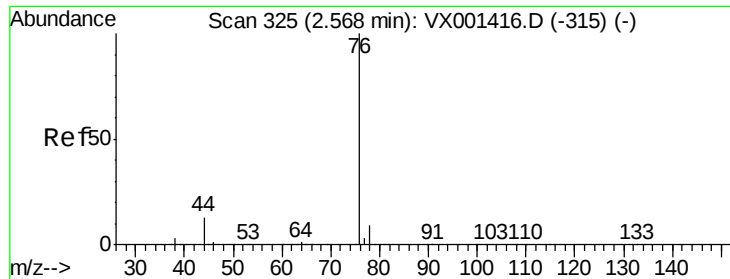
Delta R.T. -0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Tgt Ion:	43	Resp:	409350
Ion Ratio		Lower	Upper
43	100		
58	29.3	23.8	35.8





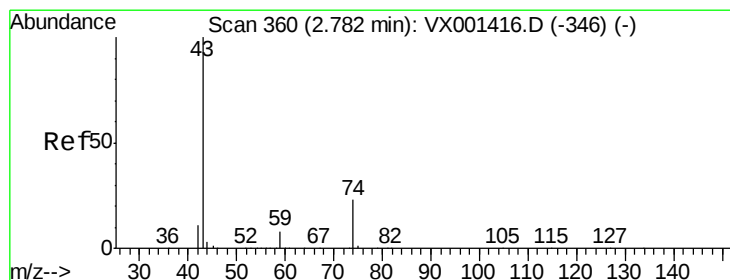
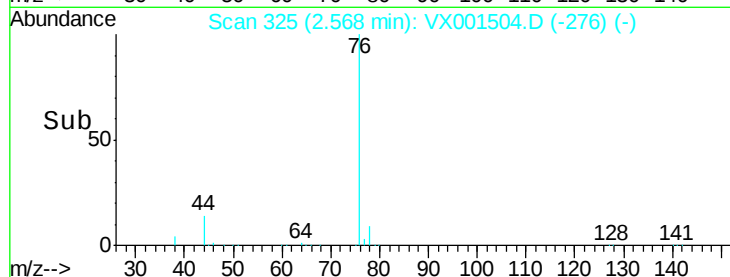
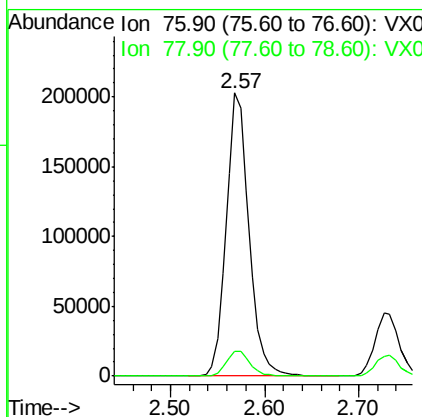
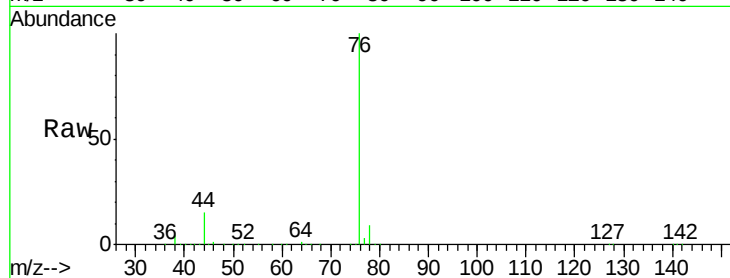
#17
Carbon Disulfide
Concen: 46.35 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

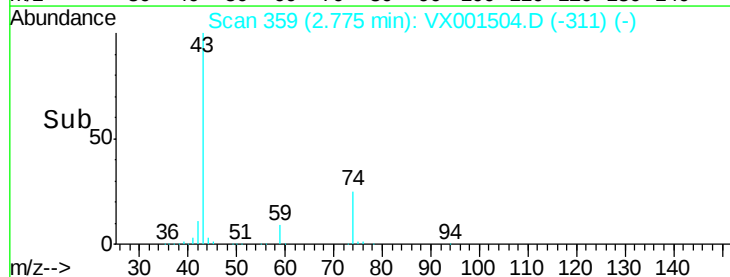
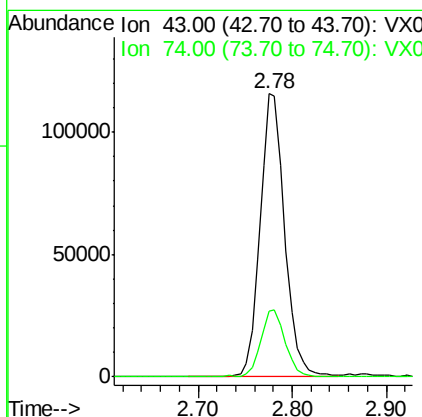
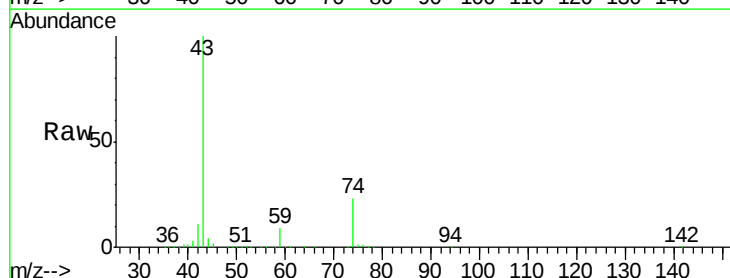
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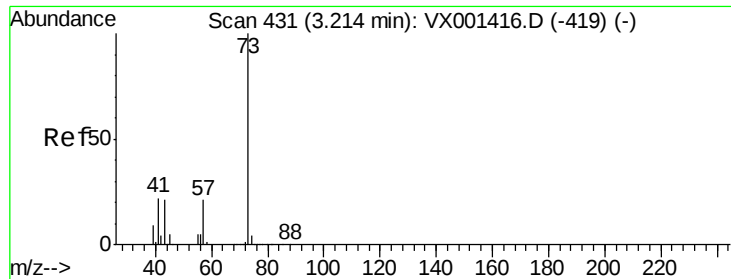
MMDadoda
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#18
Methyl Acetate
Concen: 47.69 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.6	27.8





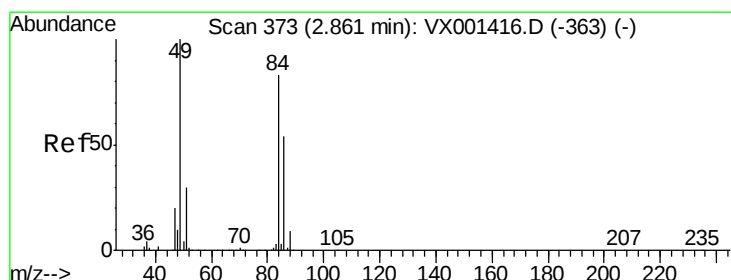
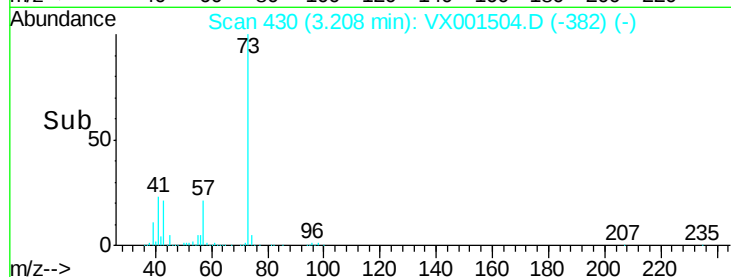
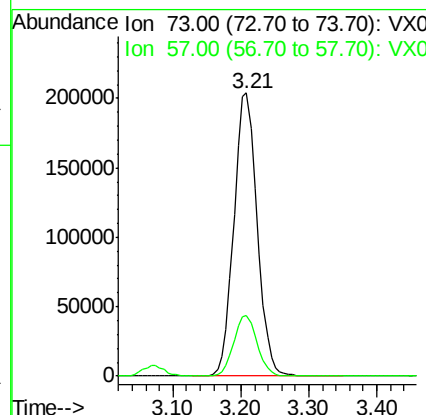
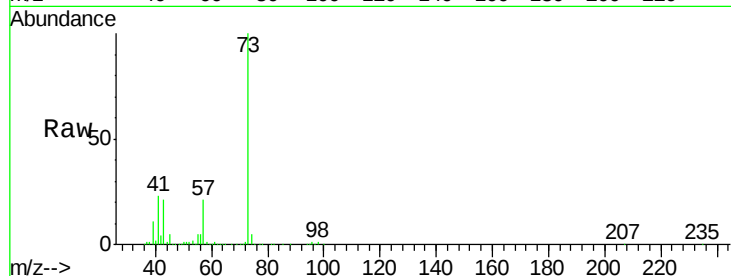
#19
Methvl tert-butvl Ether
Concen: 48.44 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.0	25.6

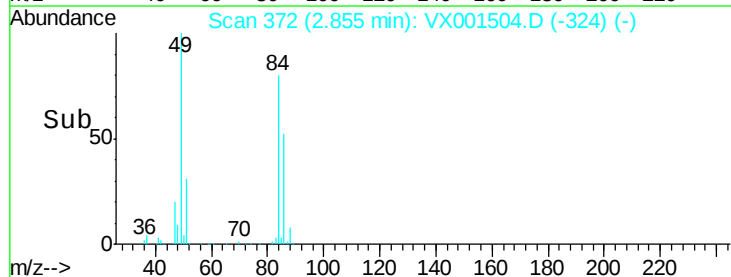
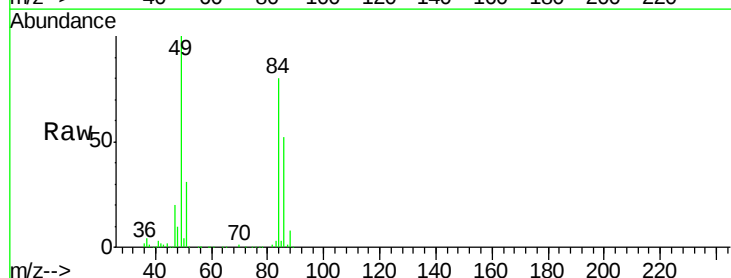
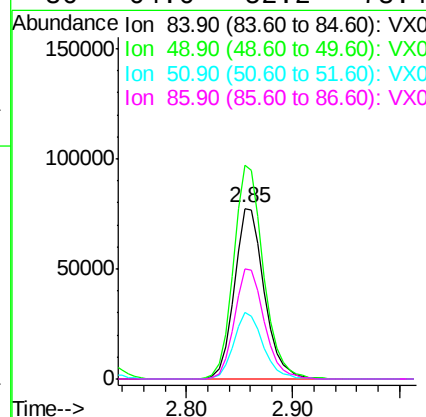
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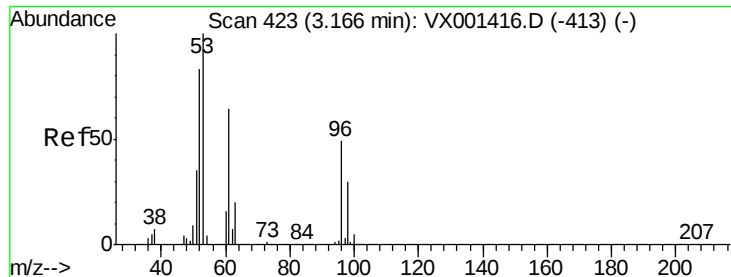
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#20
Methylene Chloride
Concen: 45.57 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.3	96.6	144.8
51	38.8	29.0	43.4
86	64.6	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 46.60 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

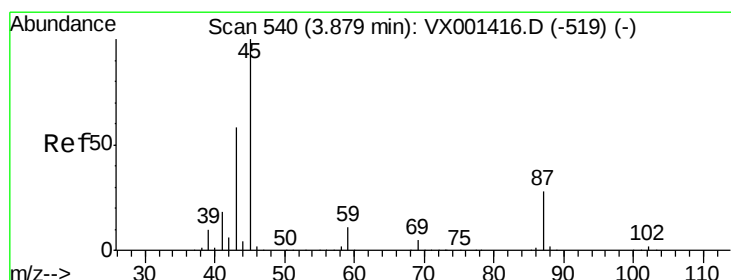
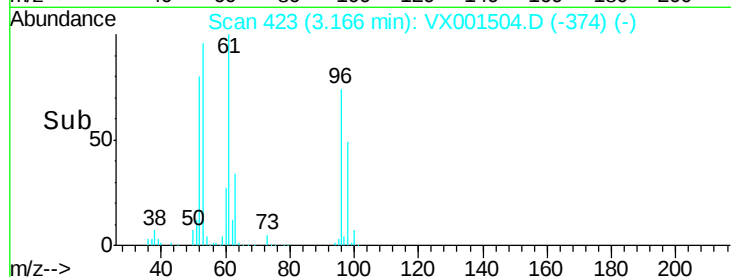
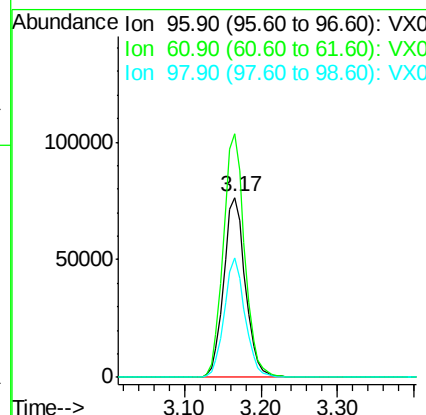
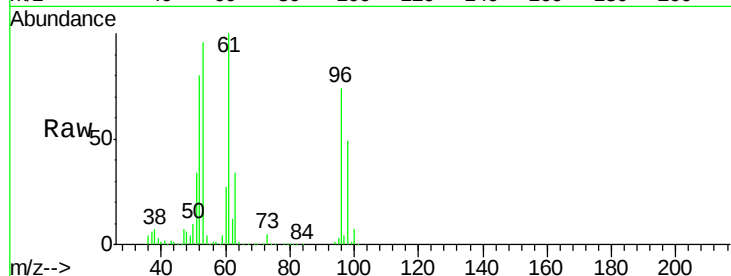
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	149184
Ion	Ratio	Lower	Upper
96	100		
61	135.6	105.0	157.4
98	66.5	49.9	74.9

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#22

Diisopropyl ether

Concen: 49.35 ug/l

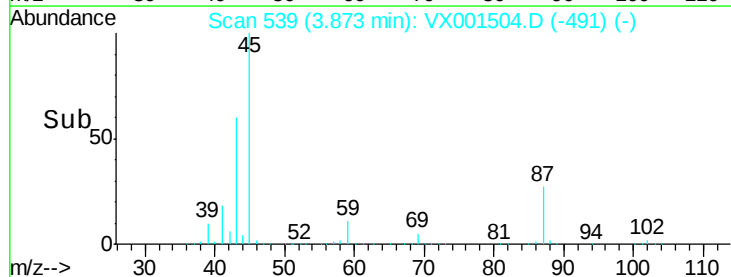
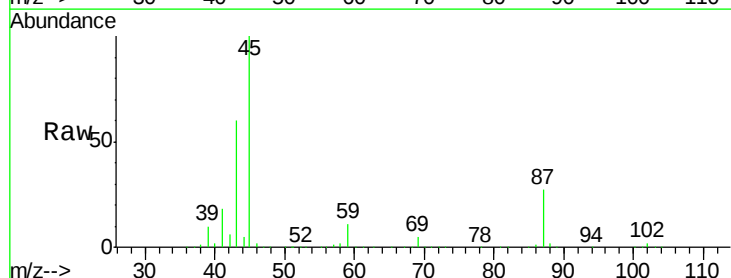
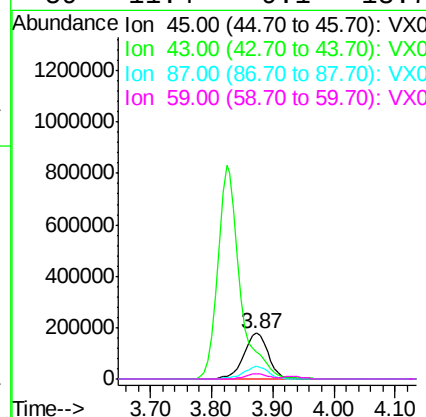
RT: 3.87 min Scan# 539

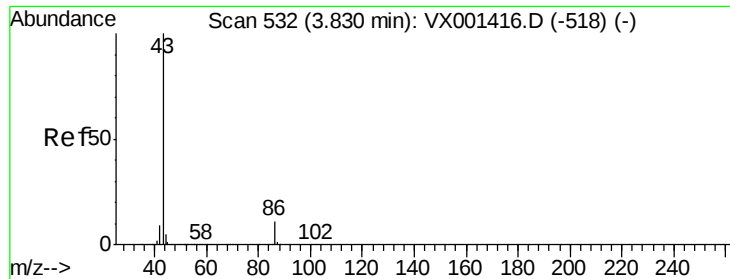
Delta R.T. -0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Tgt Ion:	45	Resp:	493095
Ion	Ratio	Lower	Upper
45	100		
43	59.5	46.5	69.7
87	27.5	22.6	34.0
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 256.51 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Tot Ion: 43 Resp: 2136158

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0

Instrument :

MSVOA_X

ClientSampleId :

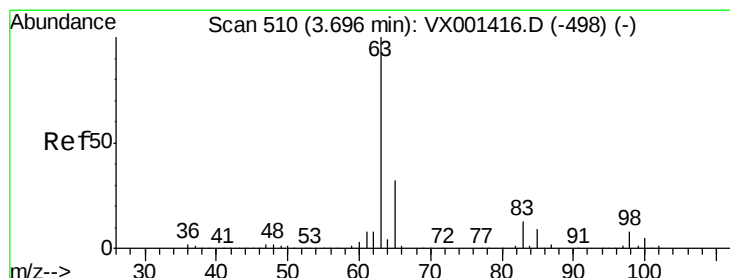
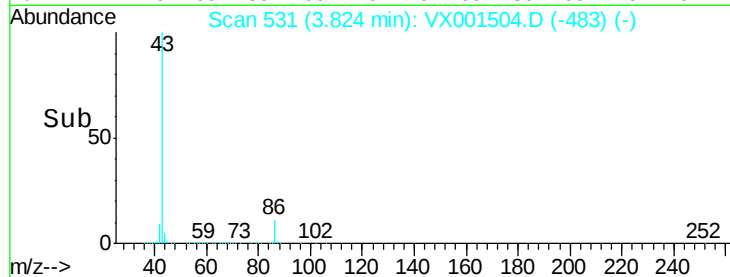
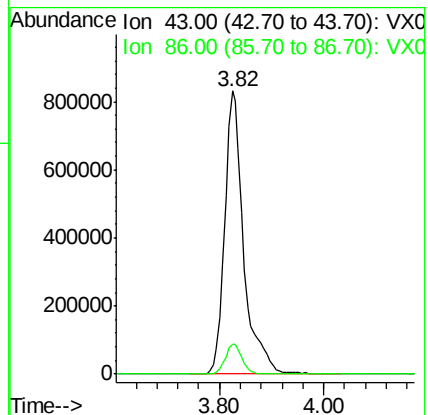
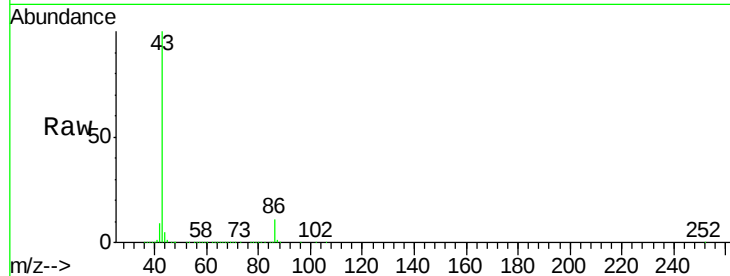
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 48.62 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

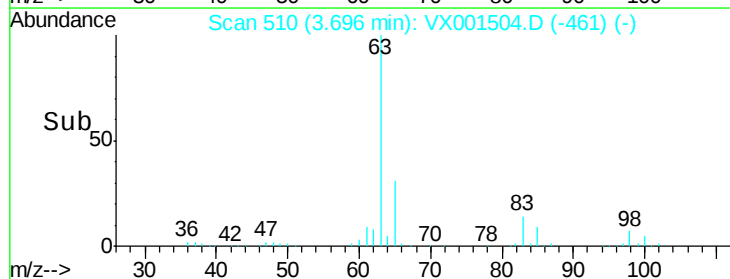
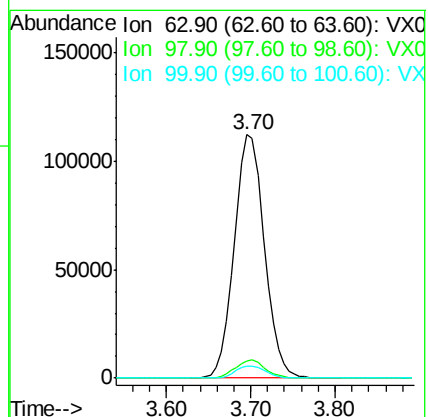
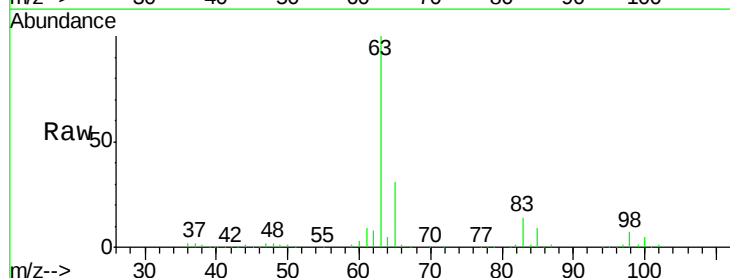
Tgt Ion: 63 Resp: 271384

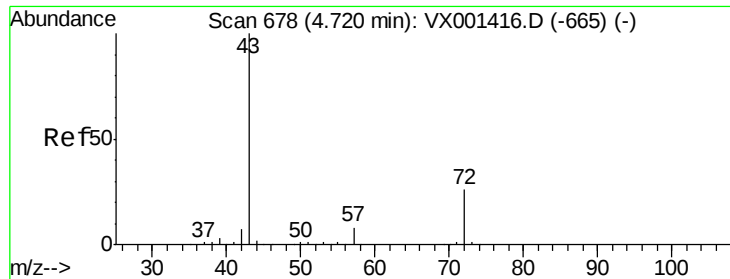
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 236.02 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Tot Ion: 43 Resp: 577198

Ion Ratio Lower Upper

43 100

72 25.1 20.7 31.1

Instrument :

MSVOA_X

ClientSampleId :

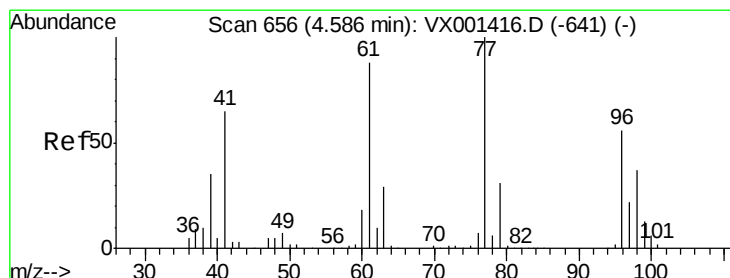
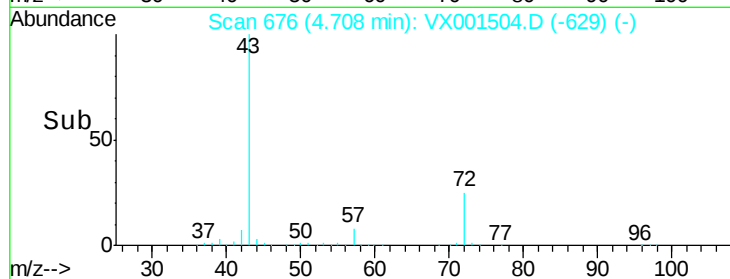
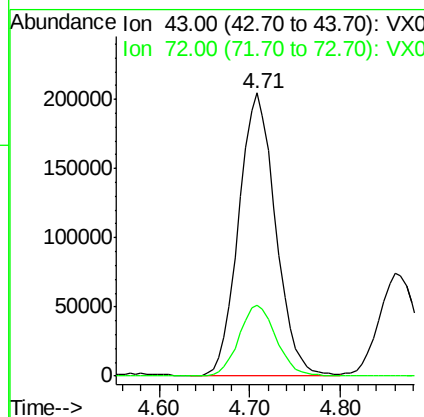
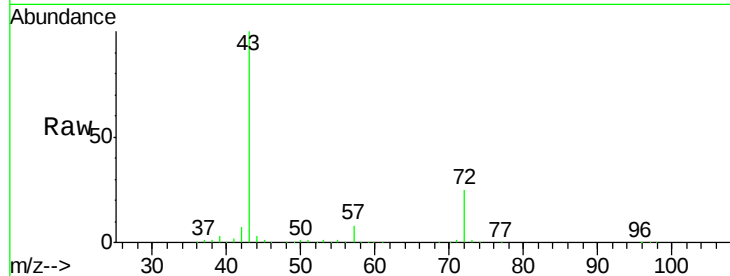
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 52.36 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001504.D

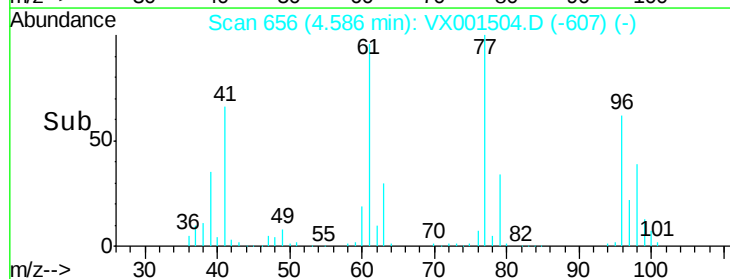
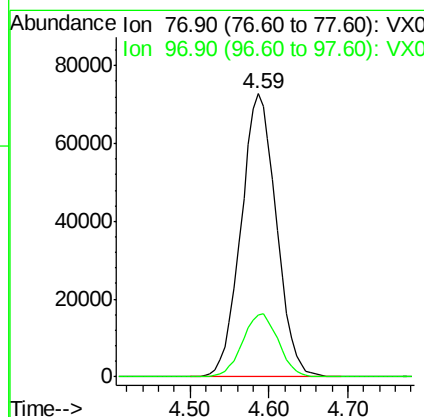
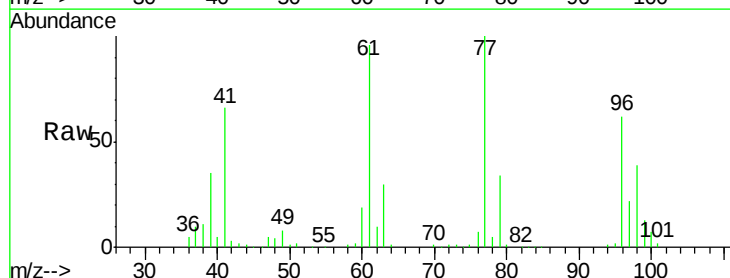
Acq: 08 May 2018 10:26

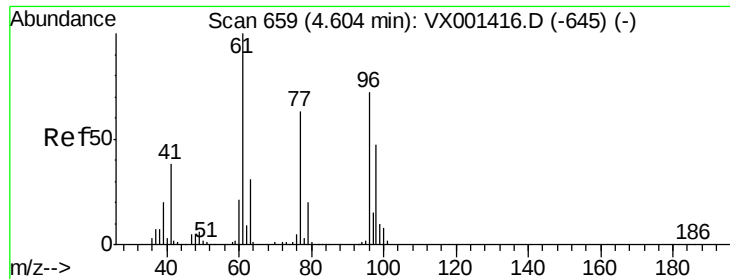
Tgt Ion: 77 Resp: 225683

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 48.93 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

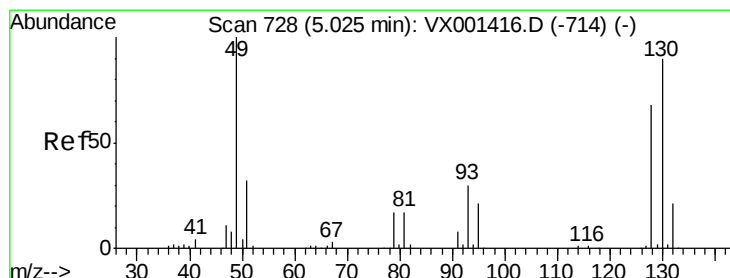
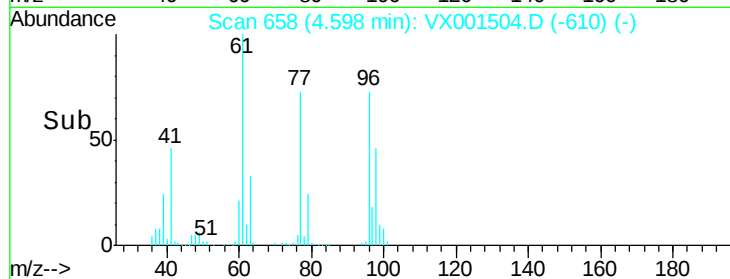
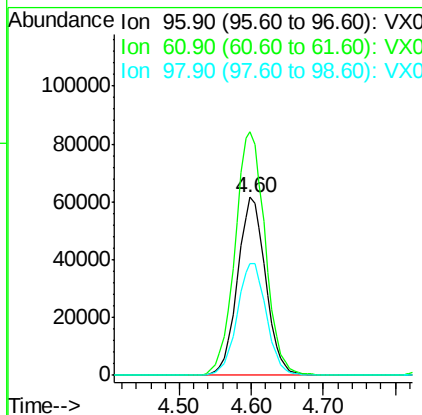
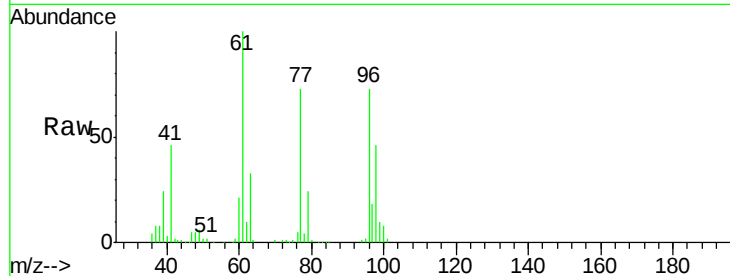
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	166823
Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	301.6
98	65.3	0.0	131.6

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#28

Bromochloromethane

Concen: 50.98 ug/l

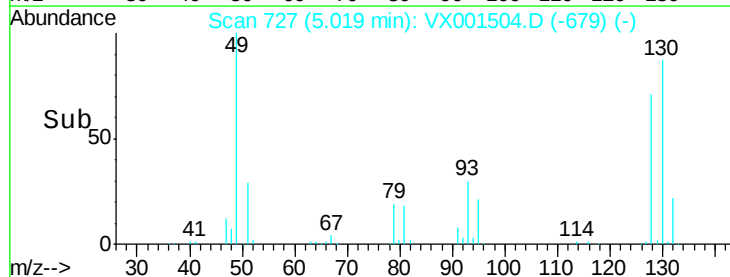
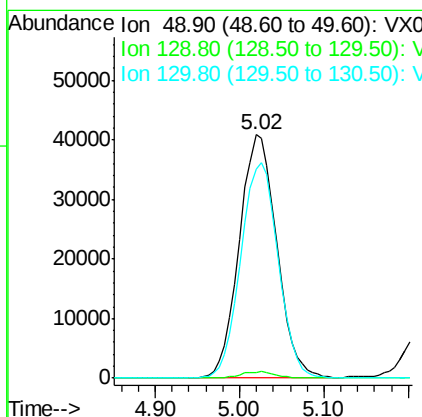
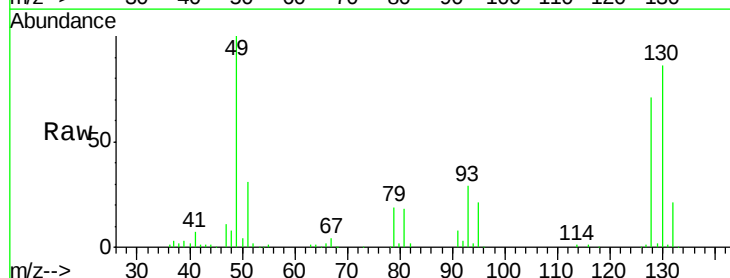
RT: 5.02 min Scan# 727

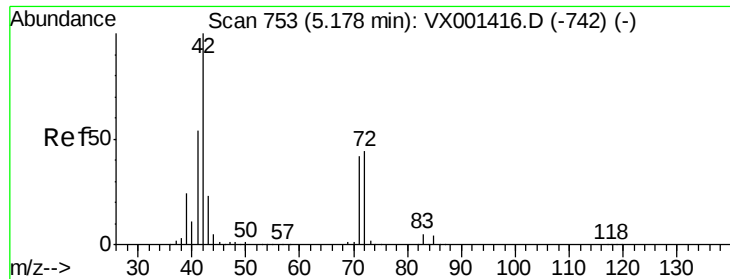
Delta R.T. -0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Tgt Ion:	49	Resp:	123369
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	88.2	71.9	107.9





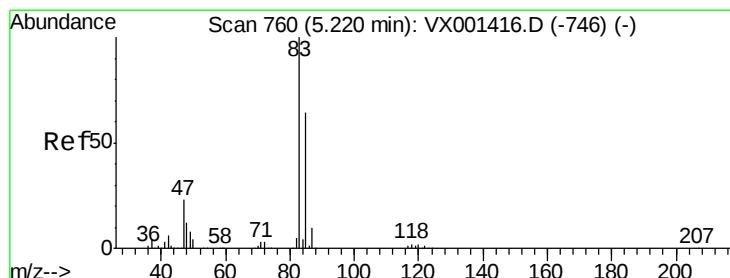
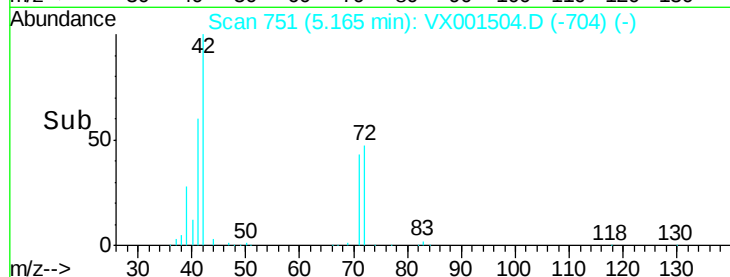
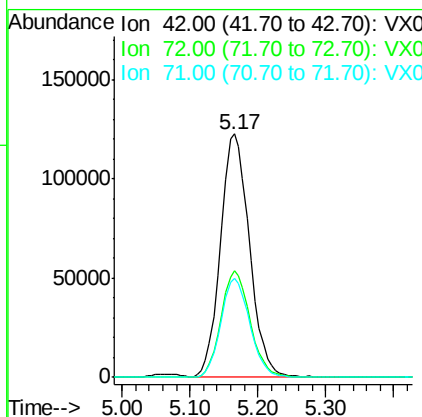
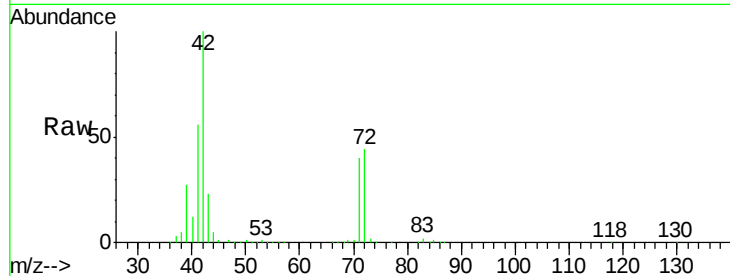
#29
Tetrahydrofuran
Concen: 231.11 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	35.4	53.2
71	41.0	33.0	49.4

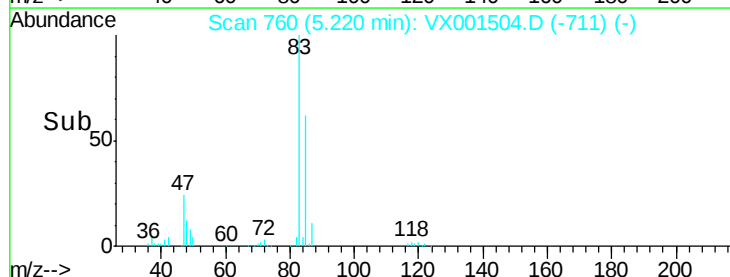
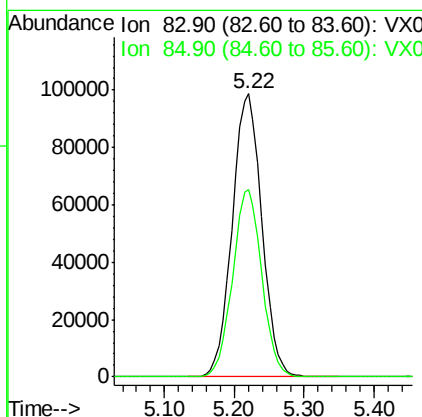
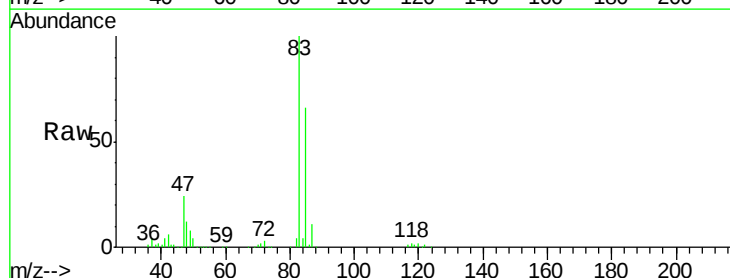
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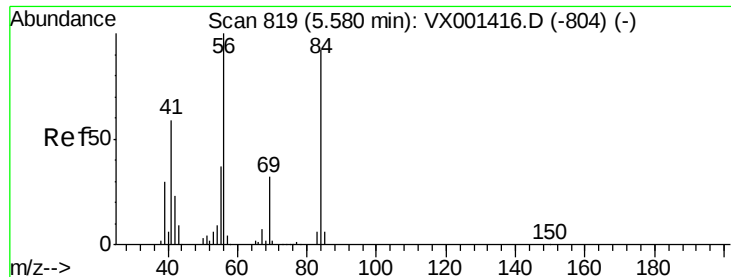
MMDadoda
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#30
Chloroform
Concen: 50.47 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.0	76.4





#31

Cvclohexane

Concen: 50.97 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

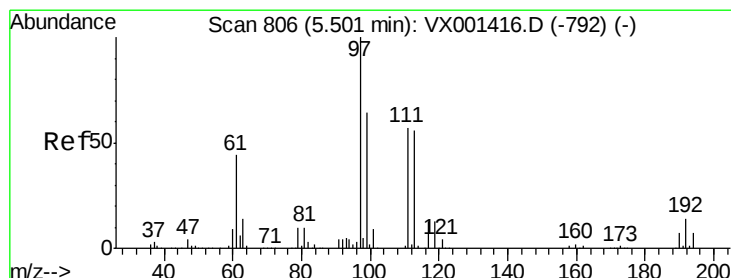
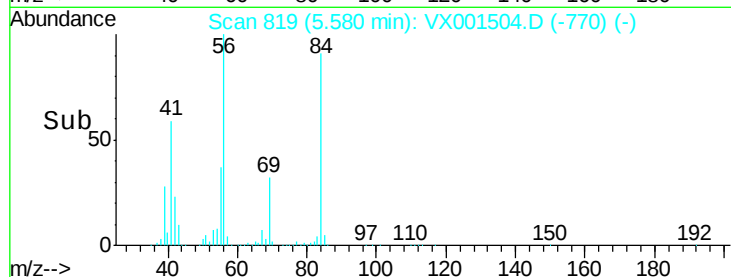
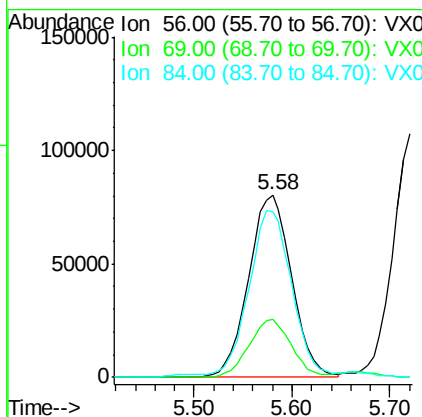
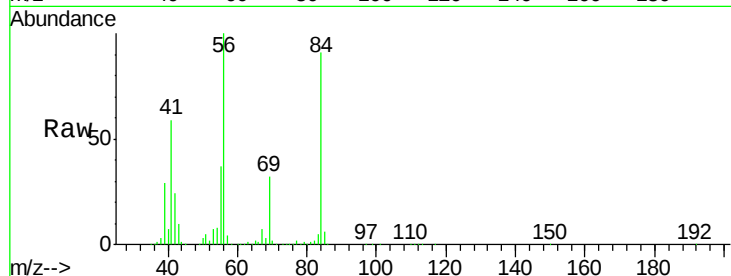
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	244368
Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.4	38.0
84	88.8	73.8	110.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.85 ug/l

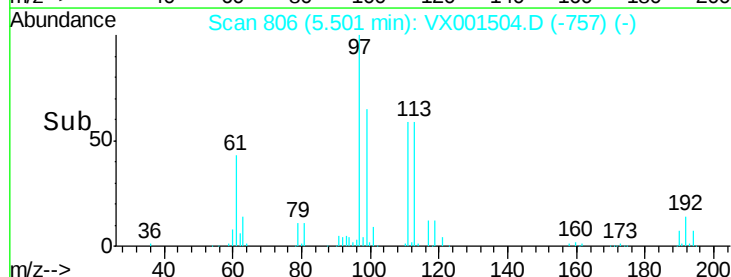
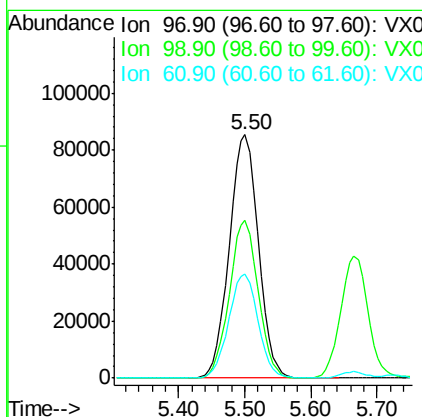
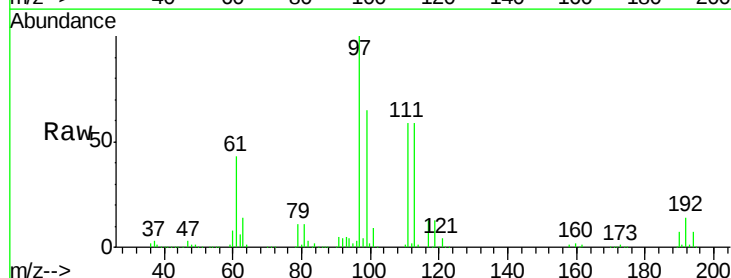
RT: 5.50 min Scan# 806

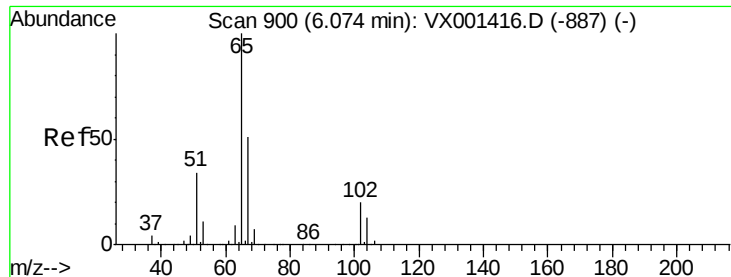
Delta R.T. -0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Tgt Ion:	97	Resp:	260583
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	43.3	34.8	52.2





#33

1,2-Dichloroethane-d4

Concen: 48.28 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 179868

Ion Ratio Lower Upper

65 100

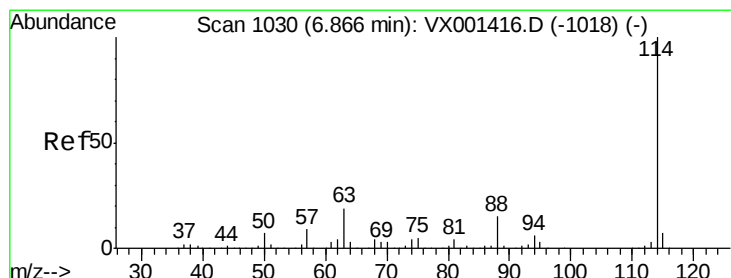
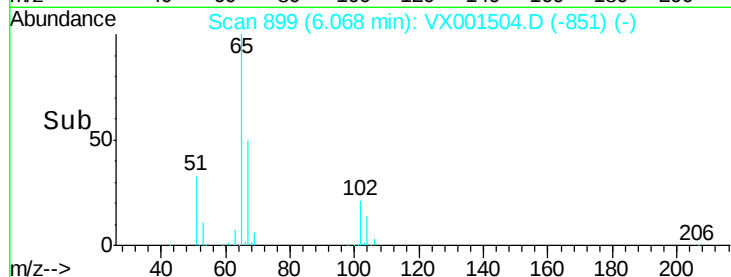
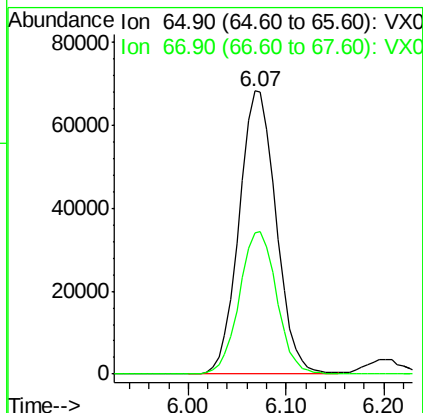
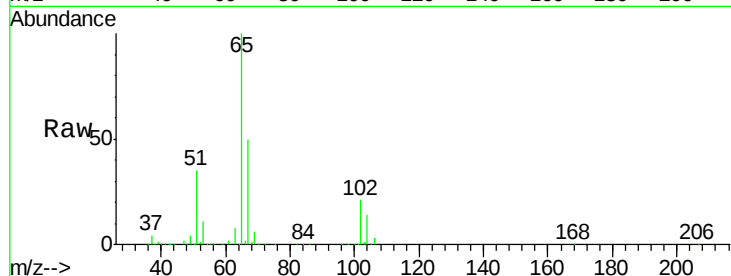
67 50.8 0.0 101.8

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

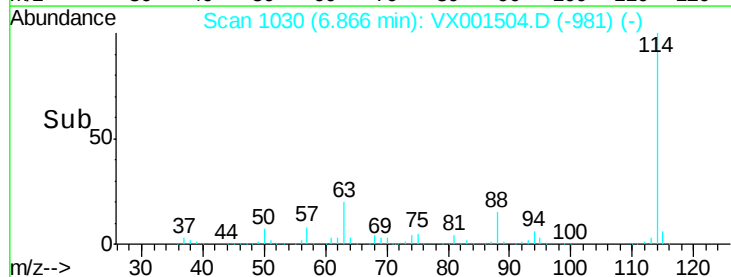
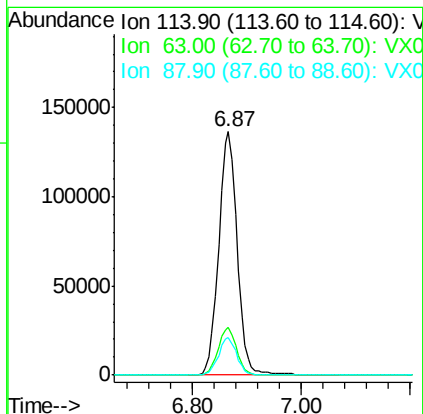
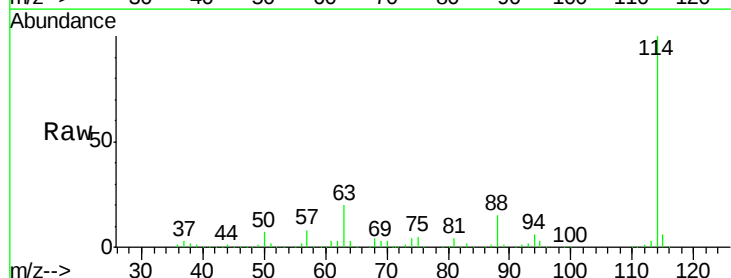
Tgt Ion: 114 Resp: 320677

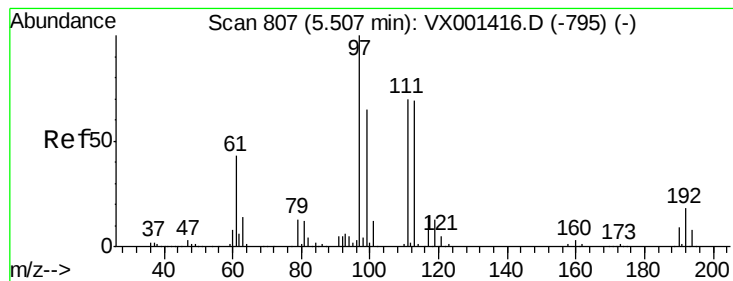
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 51.22 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

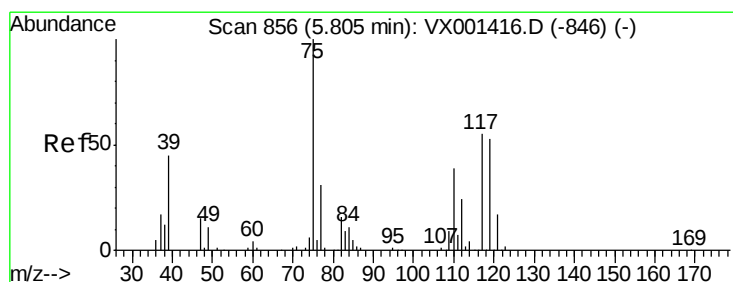
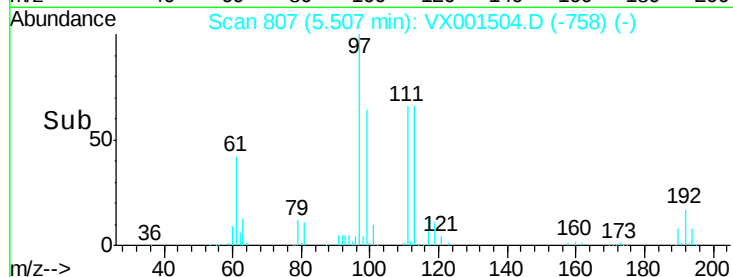
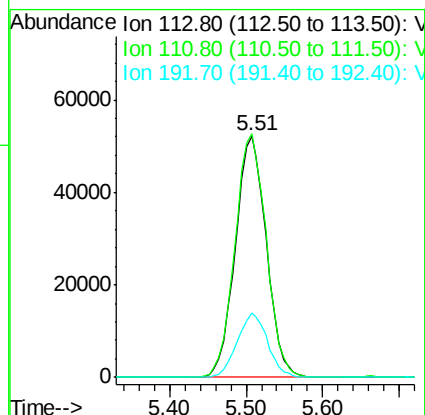
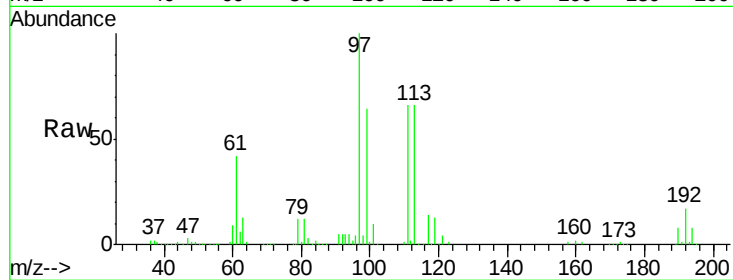
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	146089
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.2	123.2
192	26.2	21.4	32.0

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#36

1,1-Dichloropropene

Concen: 52.70 ug/l

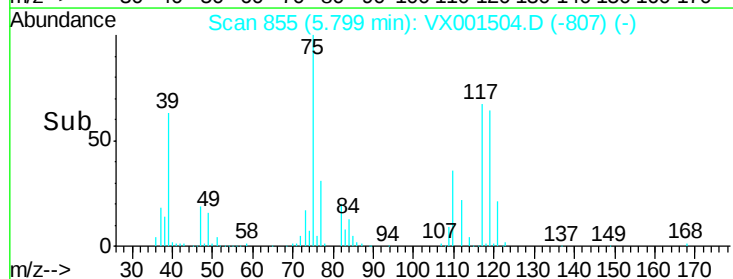
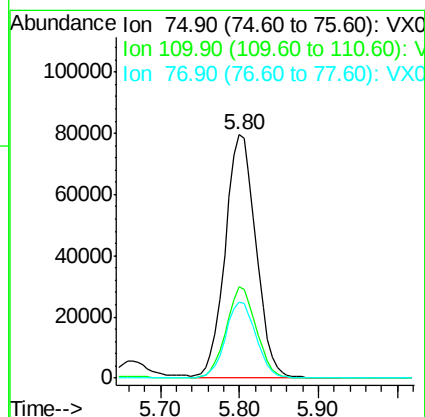
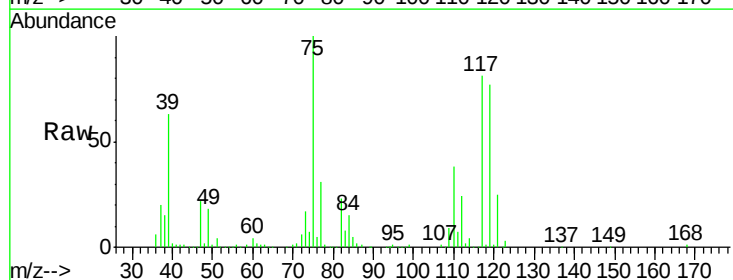
RT: 5.80 min Scan# 855

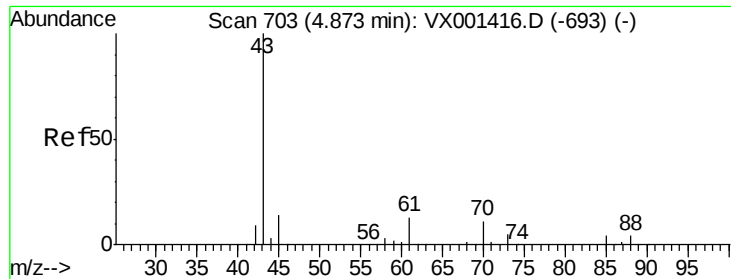
Delta R.T. -0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Tgt Ion:	75	Resp:	214969
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.9	56.7
77	31.0	24.9	37.3





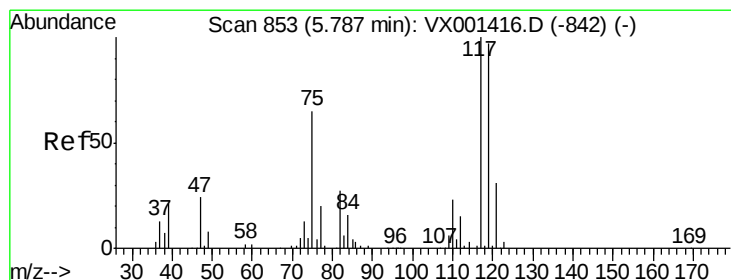
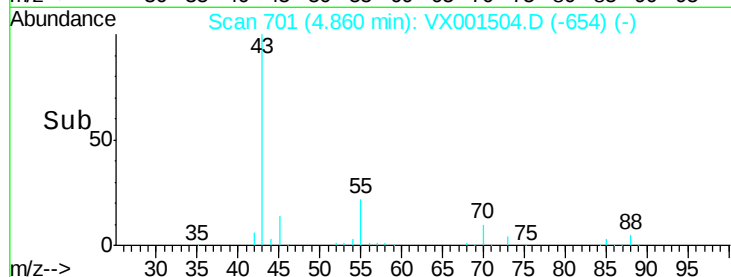
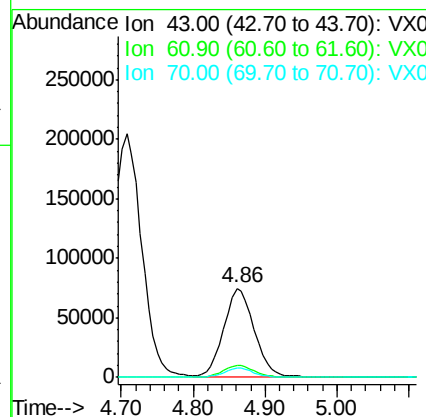
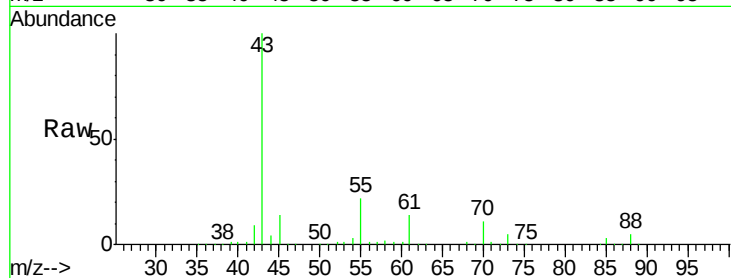
#37
Ethyl Acetate
Concen: 49.04 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.7	16.1
70	10.3	8.4	12.6

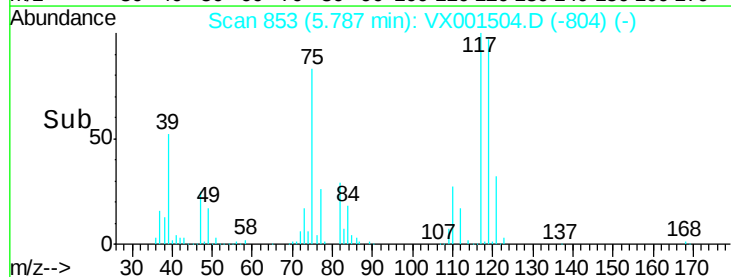
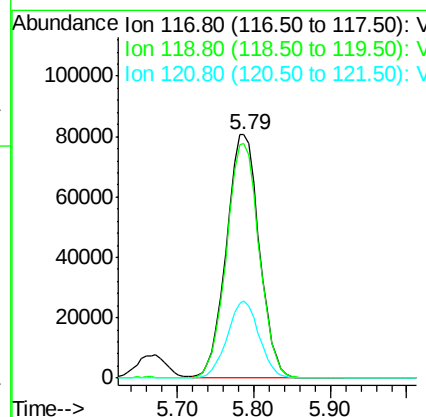
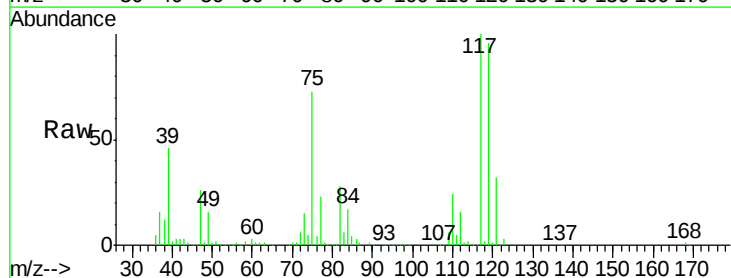
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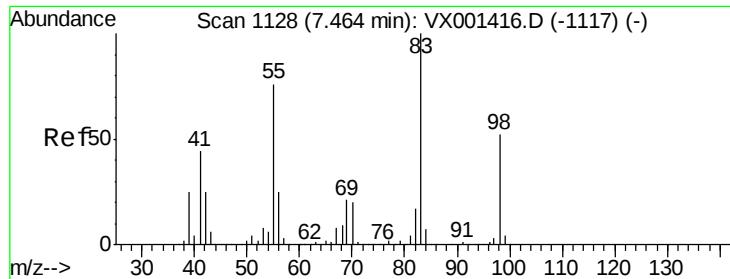
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#38
Carbon Tetrachloride
Concen: 55.18 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.0	115.6
121	31.8	25.1	37.7





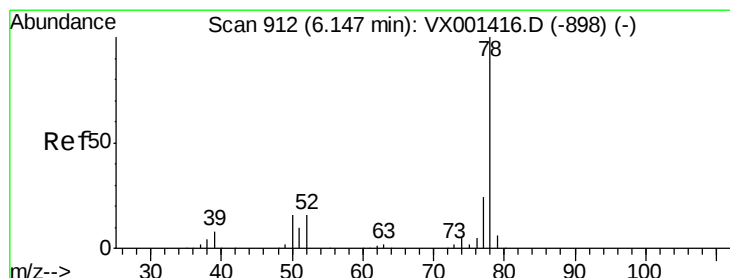
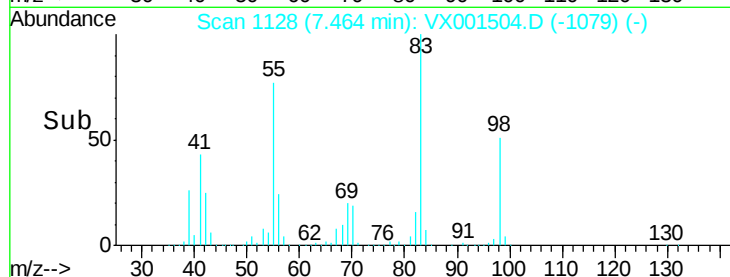
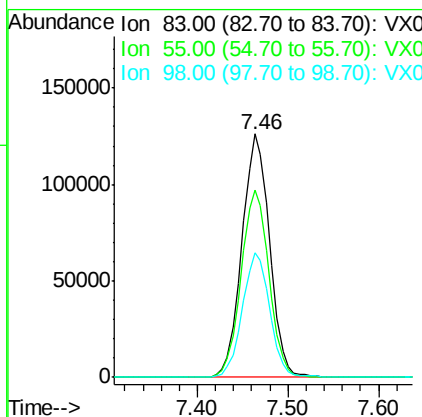
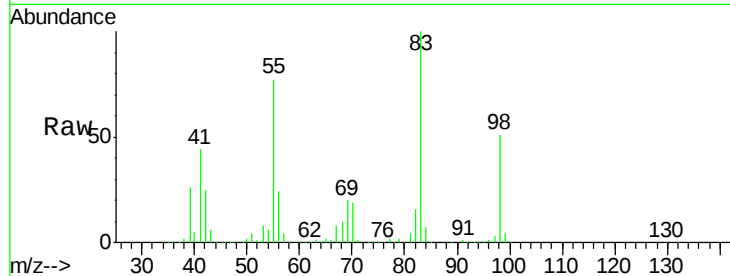
#39
Methvlcvclohexane
Concen: 55.35 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	266936		
55	76.9		60.9	91.3
98	51.0		41.9	62.9

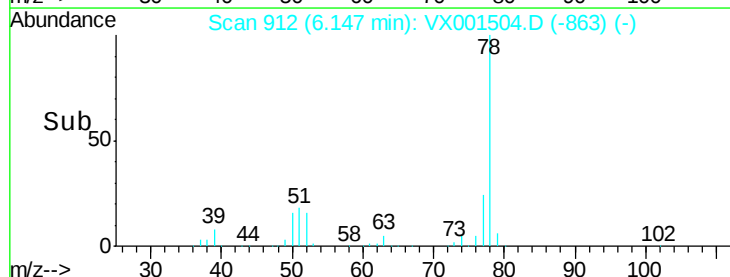
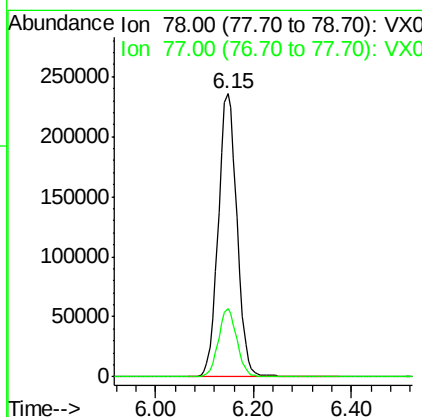
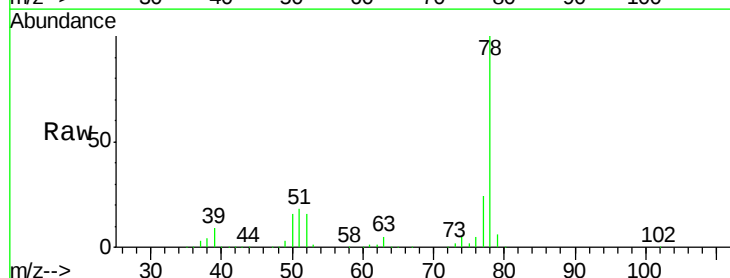
Manual Integrations
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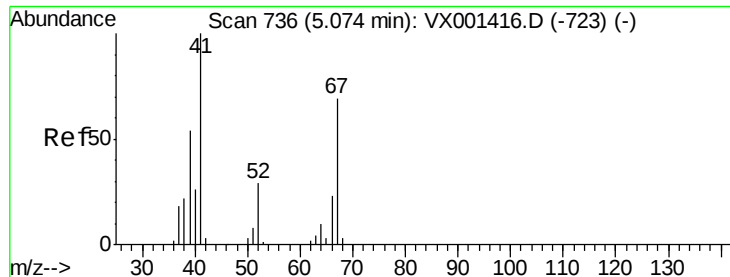
MMDadoda
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#40
Benzene
Concen: 52.57 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	626337		
77	24.0		19.4	29.2





#41

Methacrylonitrile

Concen: 49.27 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

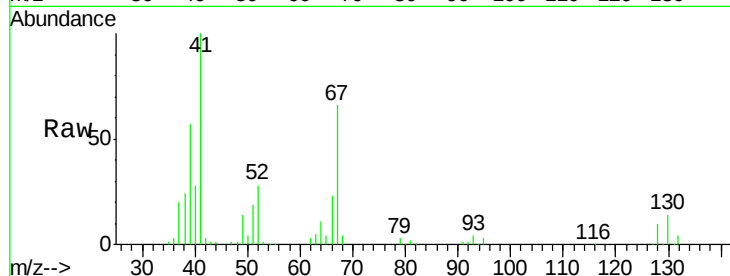
VSTDCCC050

Tot Ion: 41 Resp: 126045

Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.0	67.6
67	68.4	55.0	82.6
52	29.8	23.4	35.0

Manual Integrations
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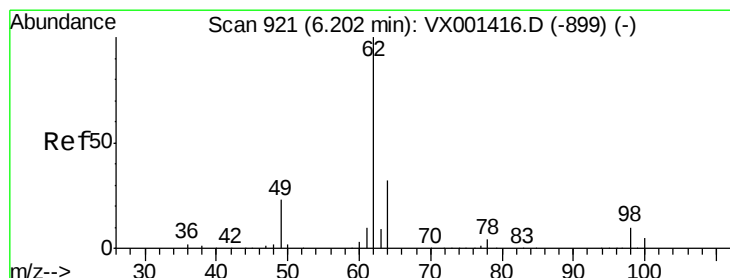
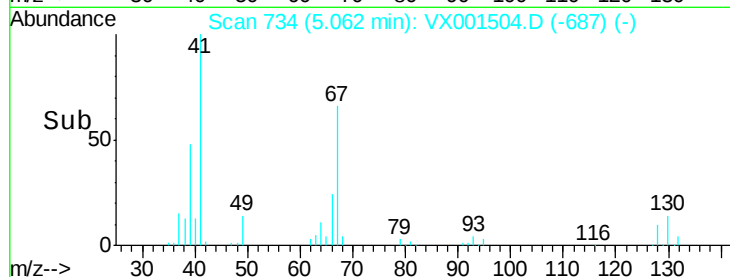
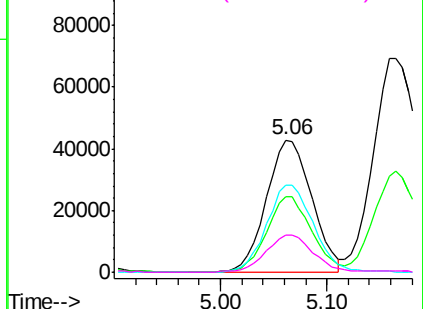


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.39 ug/l

RT: 6.20 min Scan# 921

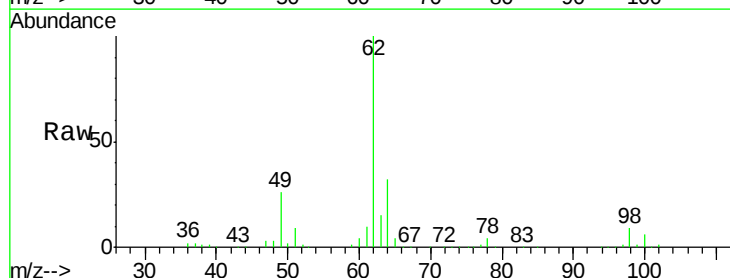
Delta R.T. -0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

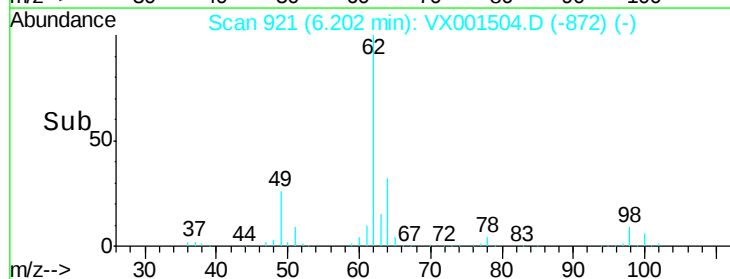
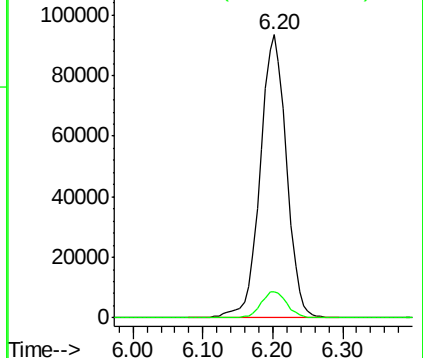
Tgt Ion: 62 Resp: 244499

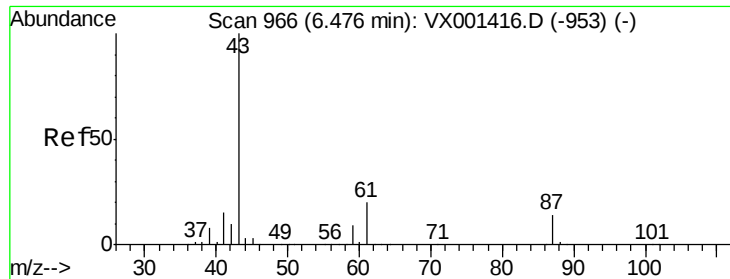
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

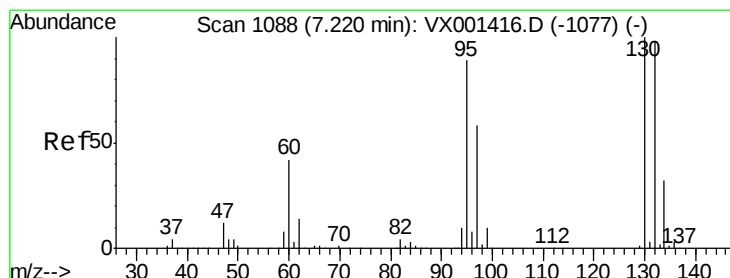
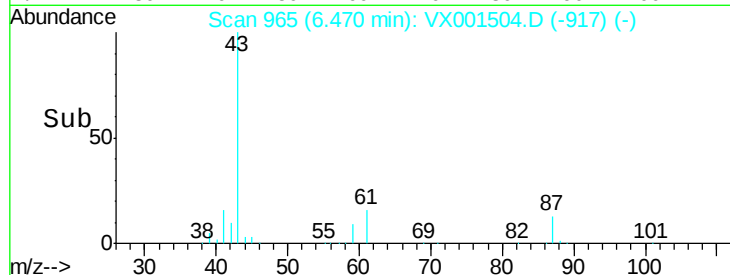
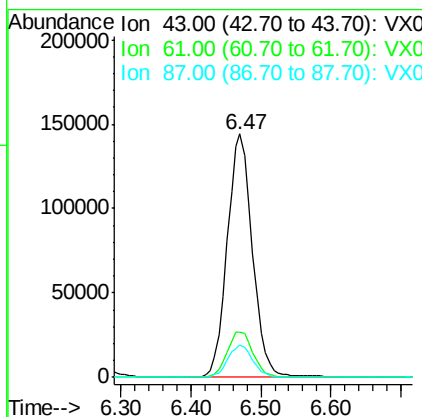
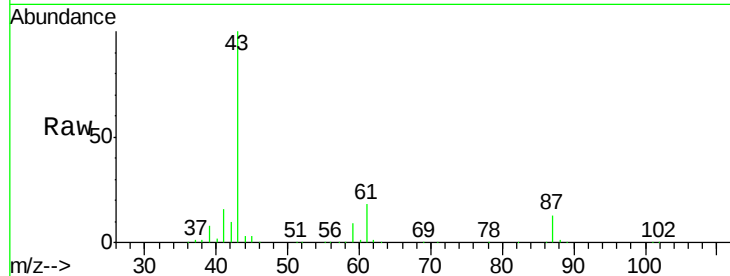
Isopropyl Acetate
 Concen: 52.13 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	13.3	10.8	16.2

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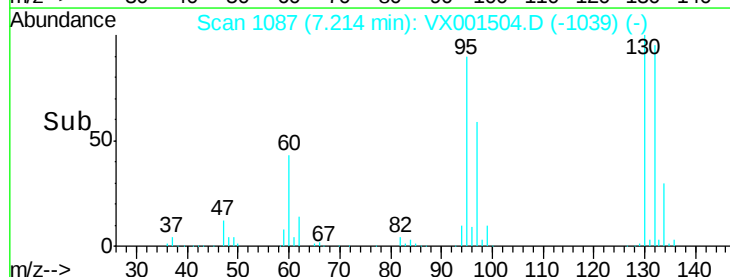
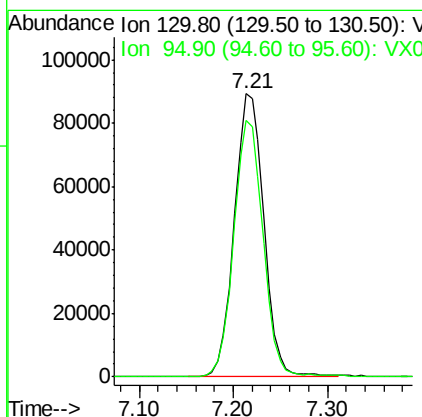
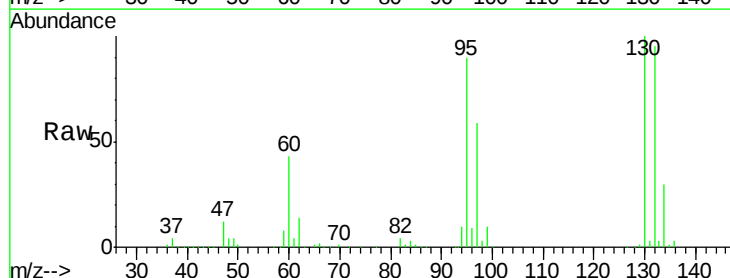
MMDadoda
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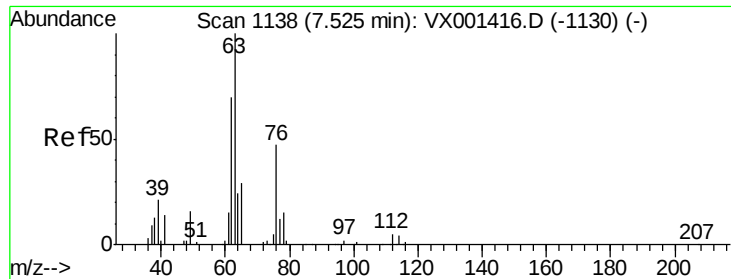


#44

Trichloroethene
 Concen: 53.53 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	178.4





#45

1,2-Dichloropropane

Concen: 52.40 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 155652

Ion Ratio Lower Upper

63 100

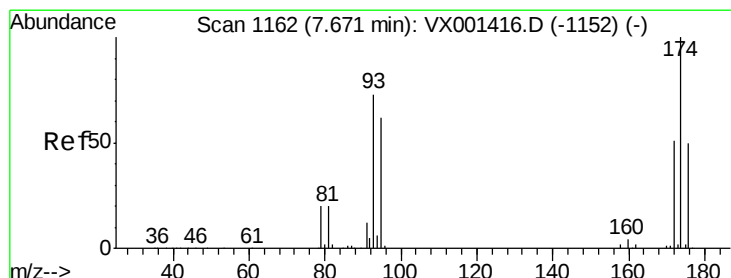
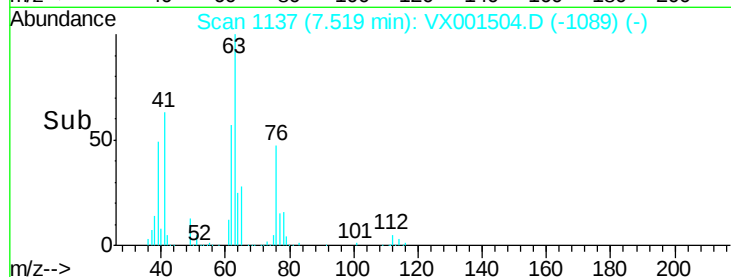
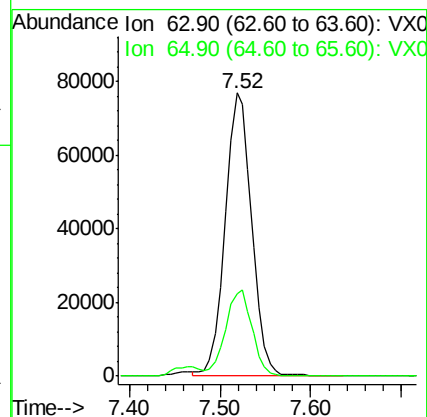
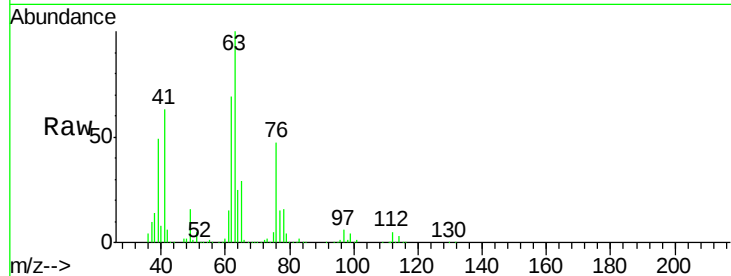
65 29.2 24.5 36.7

Manual Integrations

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#46

Dibromomethane

Concen: 52.93 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

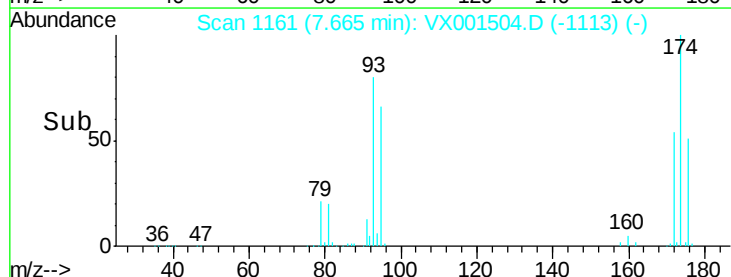
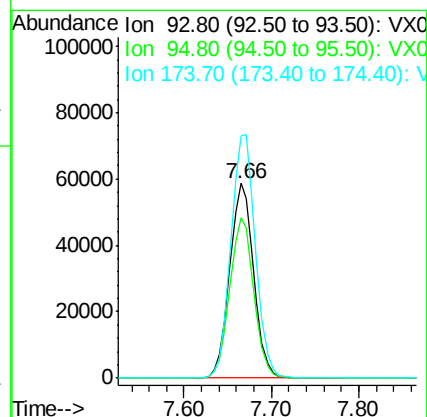
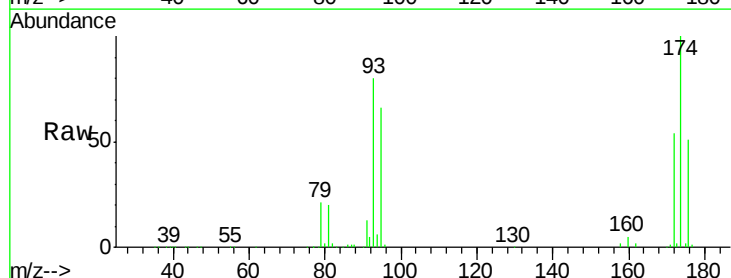
Tgt Ion: 93 Resp: 111306

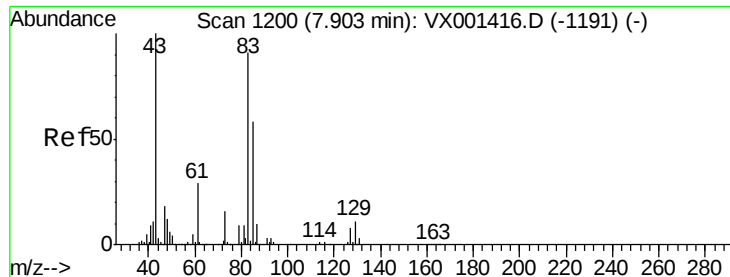
Ion Ratio Lower Upper

93 100

95 82.9 67.0 100.4

174 128.4 104.5 156.7





#47

Bromodichloromethane

Concen: 55.17 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

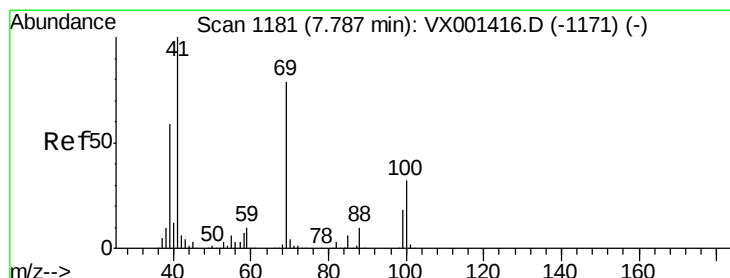
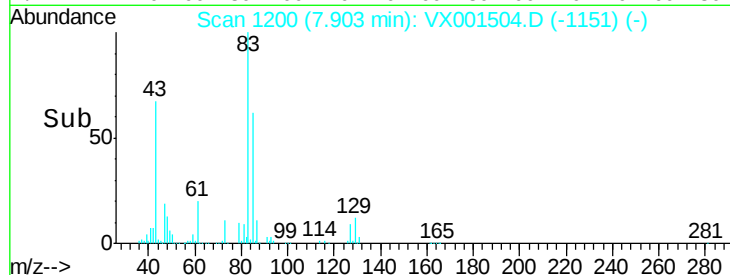
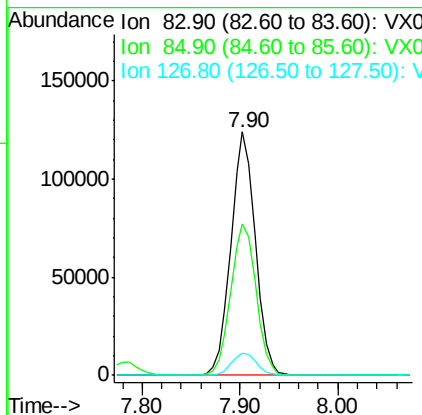
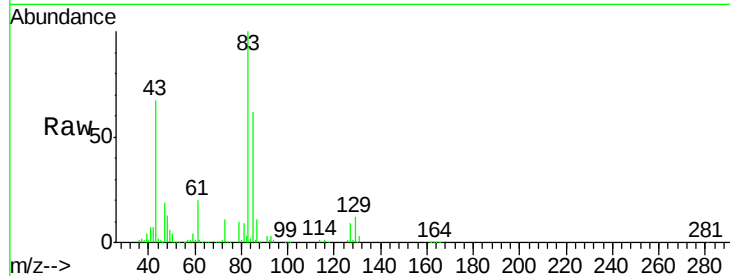
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	214704
Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.0	76.6
127	8.9	7.4	11.2

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#48

Methyl methacrylate

Concen: 52.11 ug/l

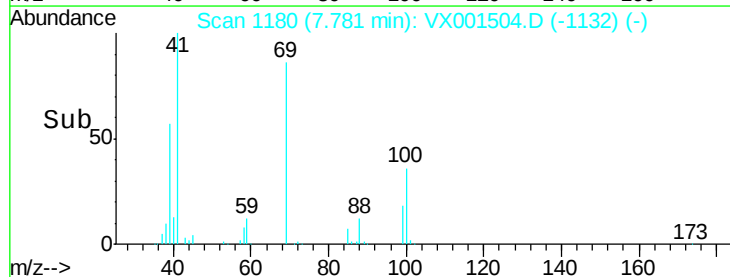
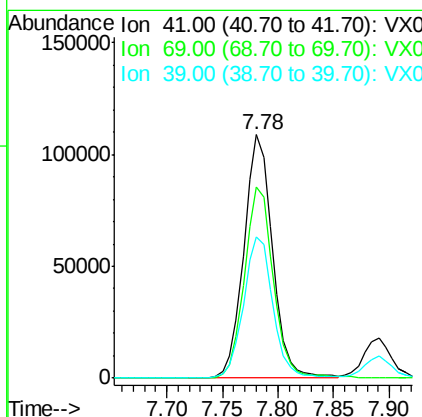
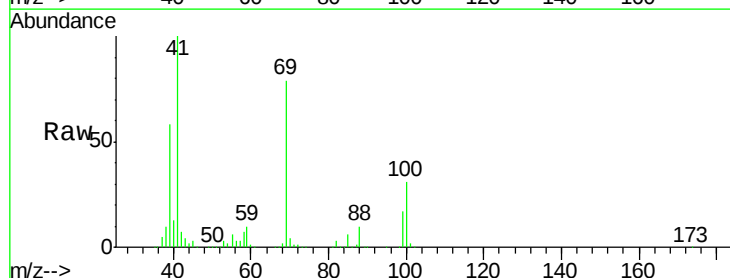
RT: 7.78 min Scan# 1180

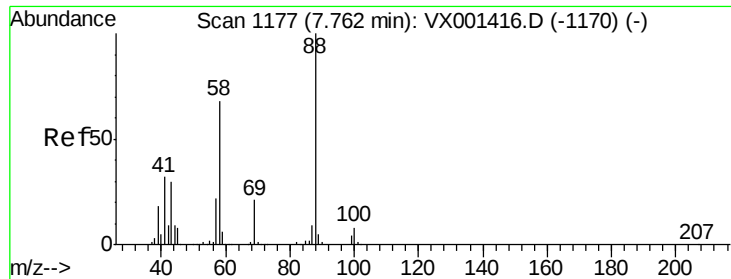
Delta R.T. -0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Tgt Ion:	41	Resp:	194773
Ion	Ratio	Lower	Upper
41	100		
69	79.8	63.4	95.2
39	58.8	47.0	70.4





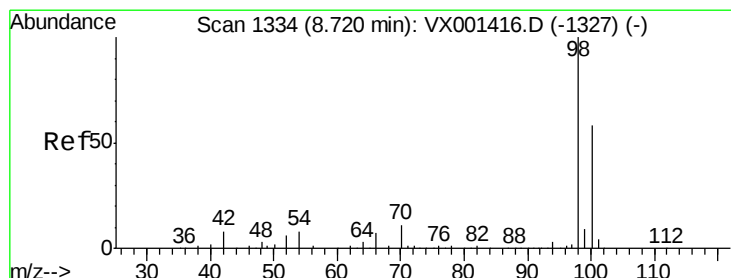
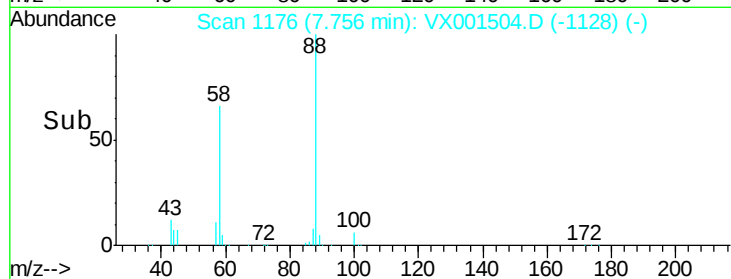
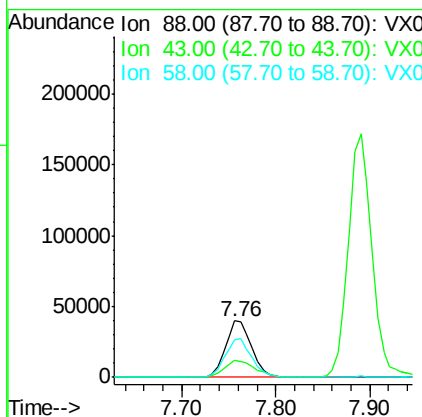
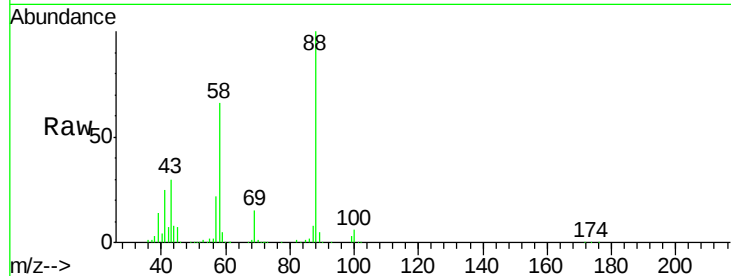
#49
1,4-Dioxane
Concen: 948.23 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	26.4	39.6
58	68.9	54.1	81.1

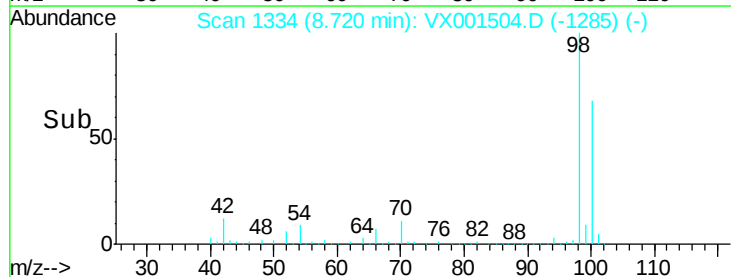
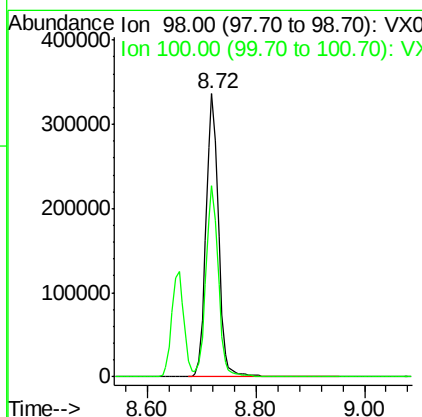
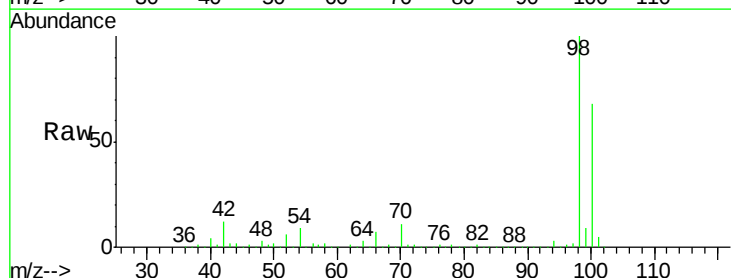
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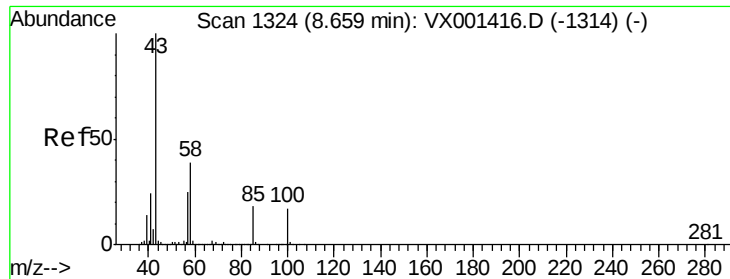
MMDadoda
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#50
Toluene-d8
Concen: 51.29 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	54.0	81.0





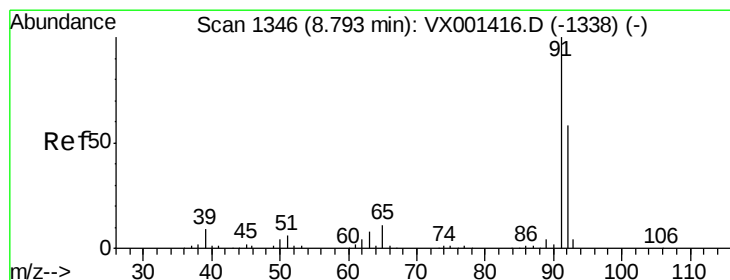
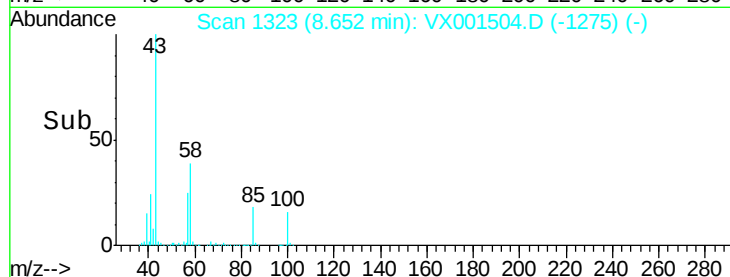
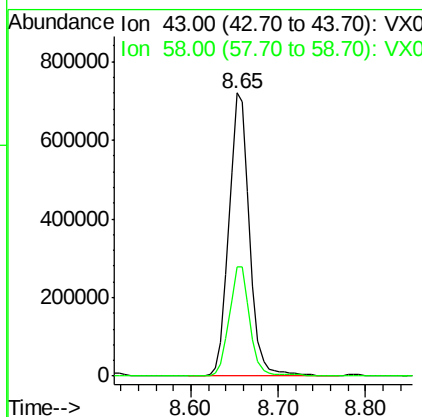
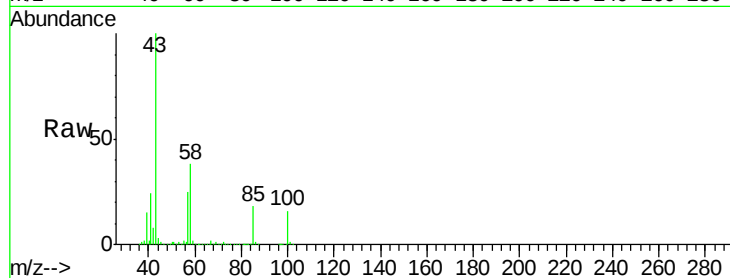
#51
4-Methyl-2-Pentanone
Concen: 258.16 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1177573
Ion Ratio Lower Upper
43 100
58 38.3 30.8 46.2

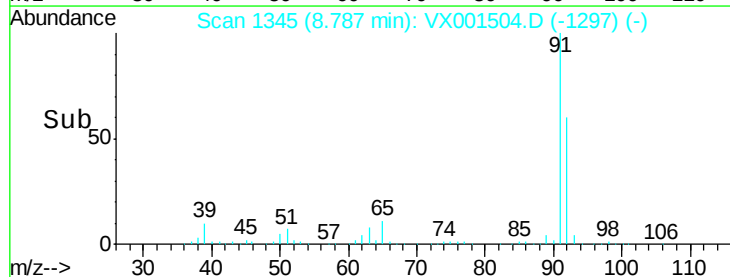
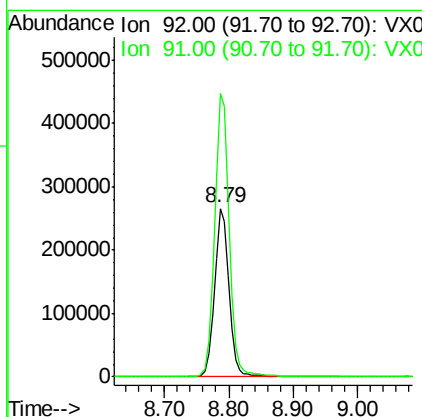
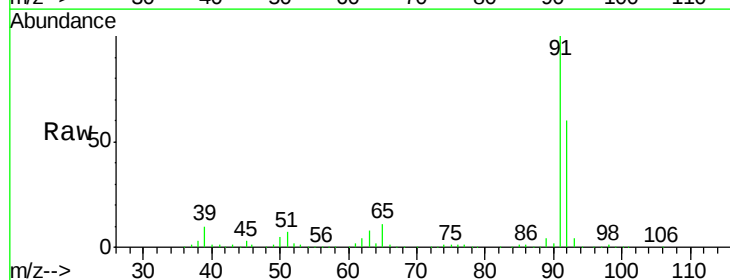
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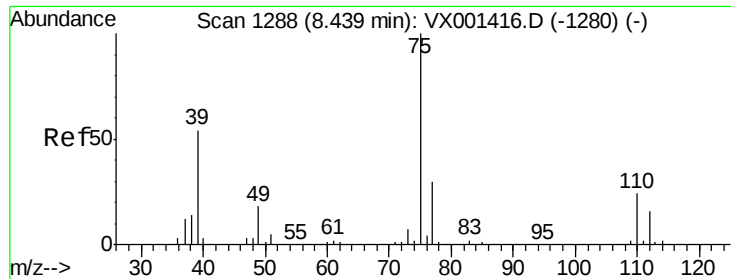
MMDadoda
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#52
Toluene
Concen: 54.08 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Tgt Ion: 92 Resp: 421292
Ion Ratio Lower Upper
92 100
91 169.6 135.2 202.8





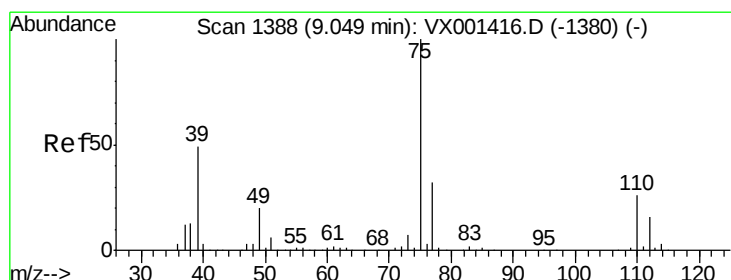
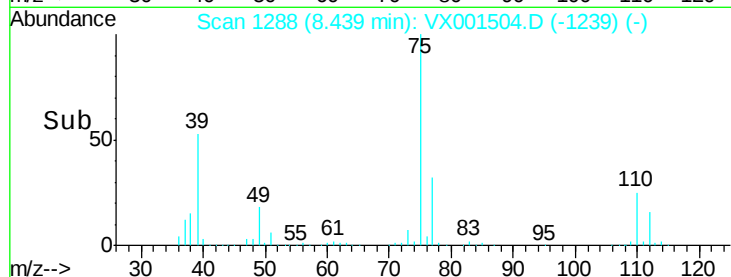
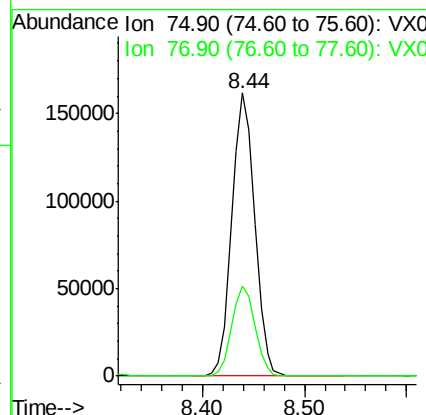
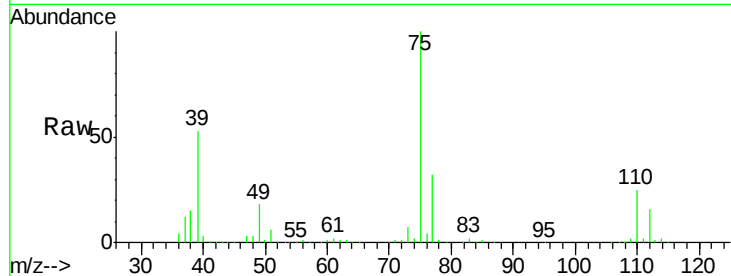
#53
t-1,3-Dichloropropene
Concen: 57.05 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.2	36.4

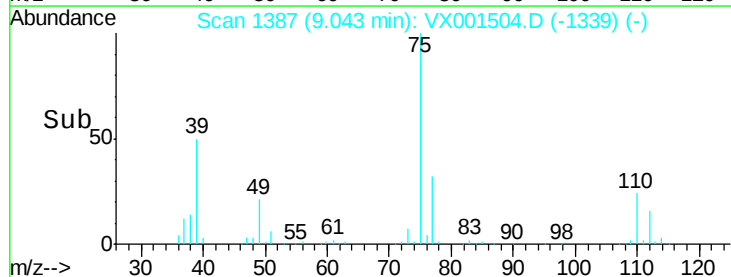
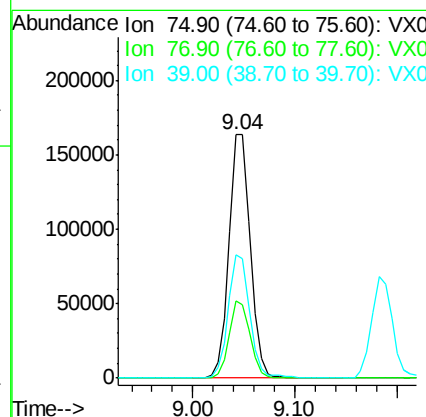
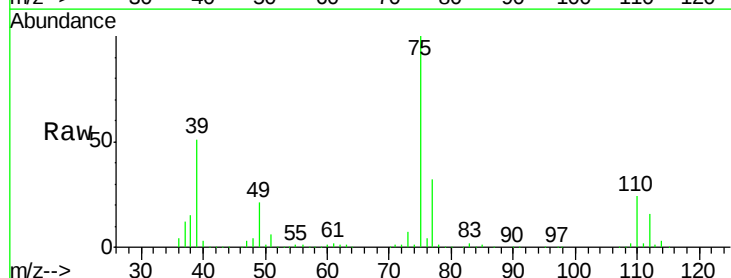
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#54
cis-1,3-Dichloropropene
Concen: 51.87 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.5	38.3
39	50.6	38.9	58.3





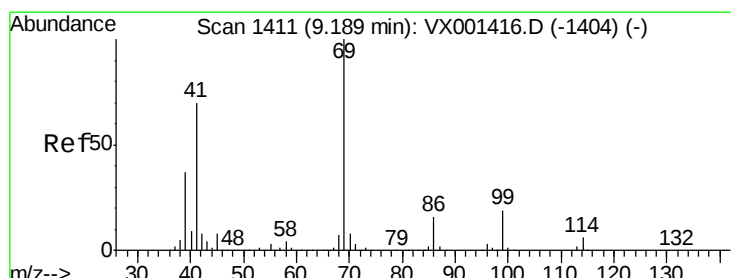
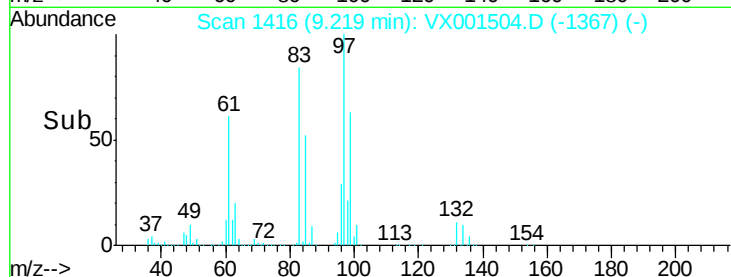
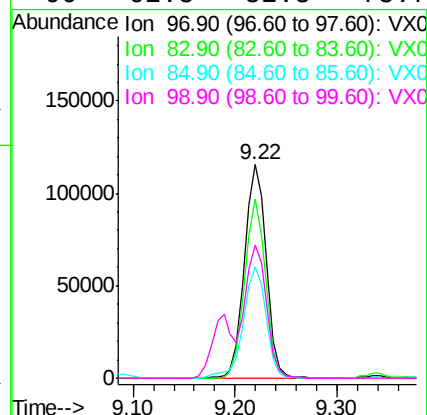
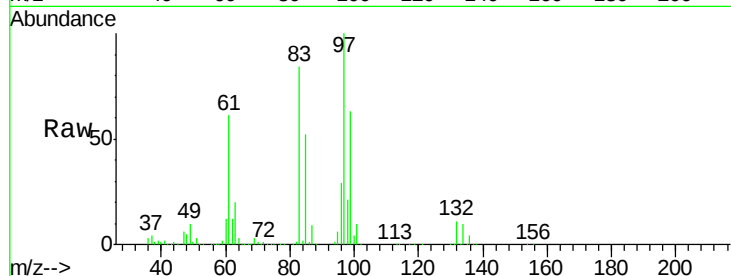
#55
 1,1,2-Trichloroethane
 Concen: 54.02 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	169543
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.4	101.0
85	52.2	43.3	64.9
99	62.5	52.5	78.7

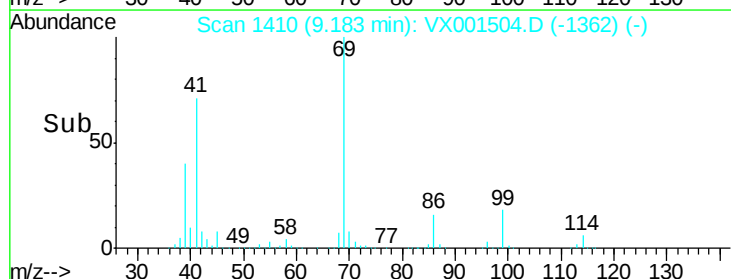
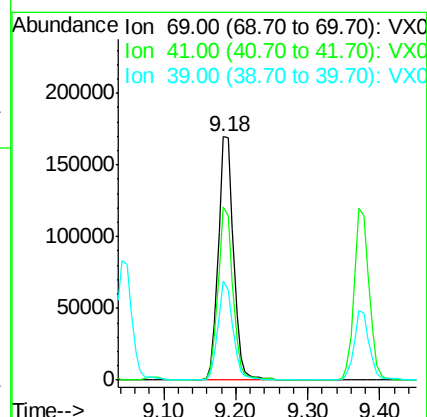
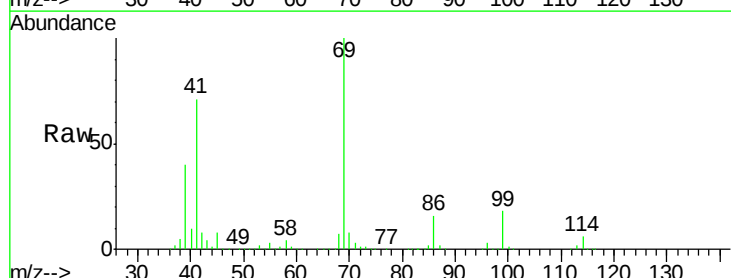
Manual Integrations
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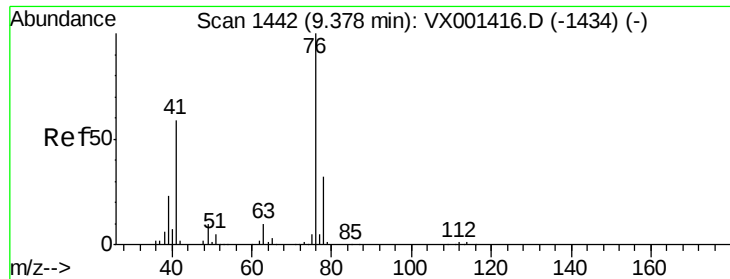
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#56
 Ethyl methacrylate
 Concen: 54.84 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Tgt Ion:	69	Resp:	248121
Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.1	82.7
39	39.5	29.9	44.9





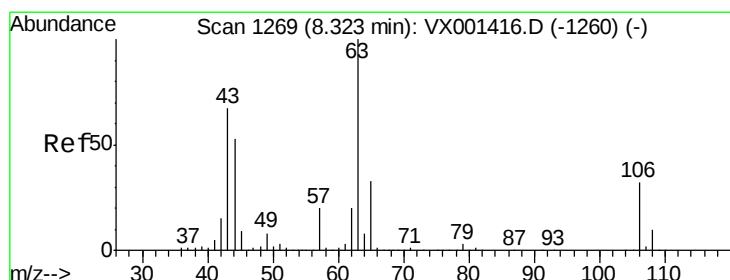
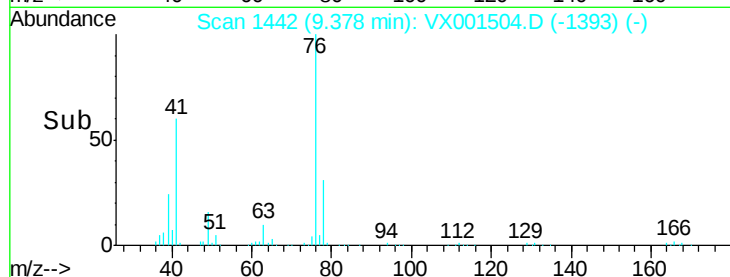
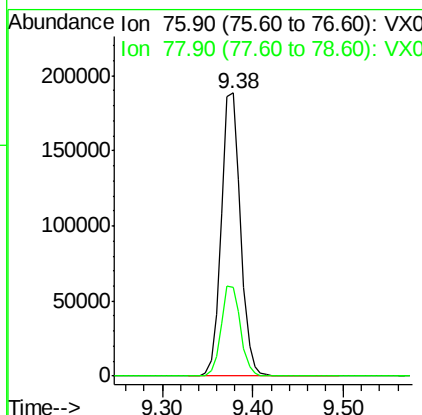
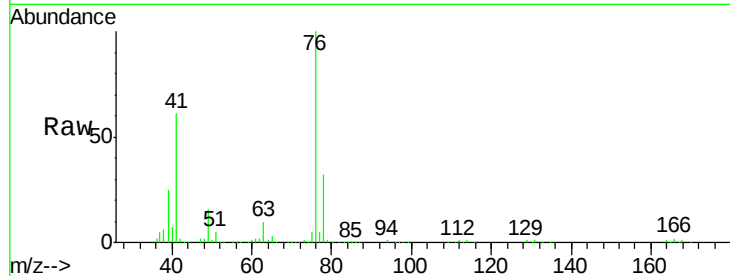
#57
 1,3-Dichloropropane
 Concen: 53.50 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

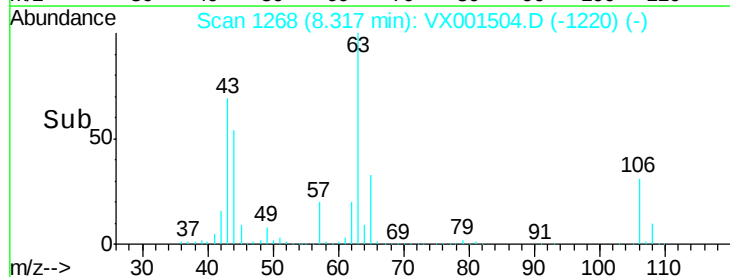
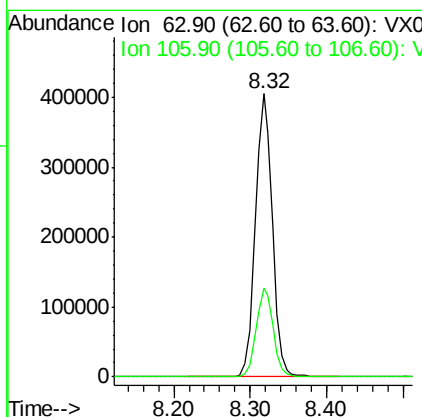
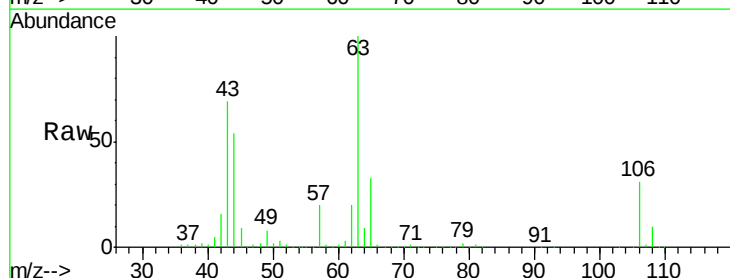
Manual Integrations
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 5/10/2018 1:11:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 281.92 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.5	25.4	38.0





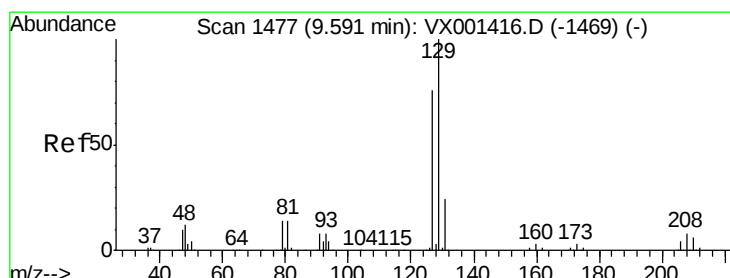
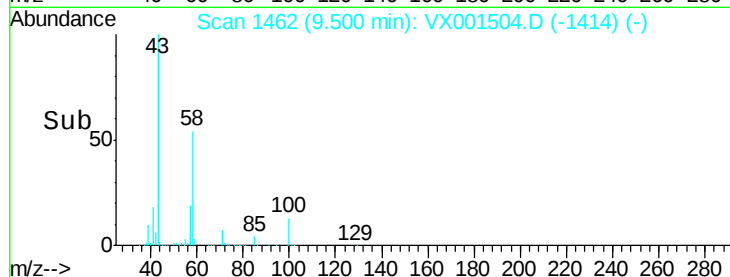
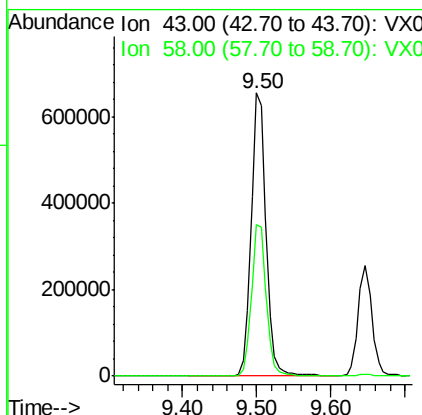
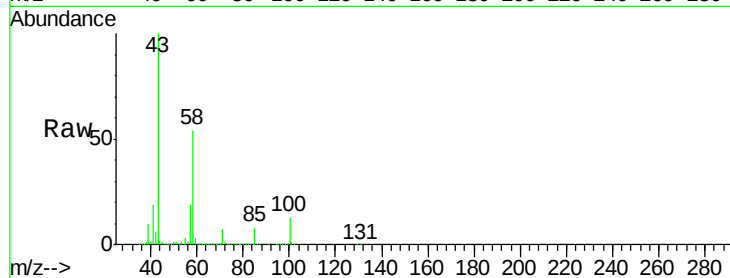
#59
2-Hexanone
Concen: 263.37 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 919914
Ion Ratio Lower Upper
43 100
58 53.5 27.1 81.2

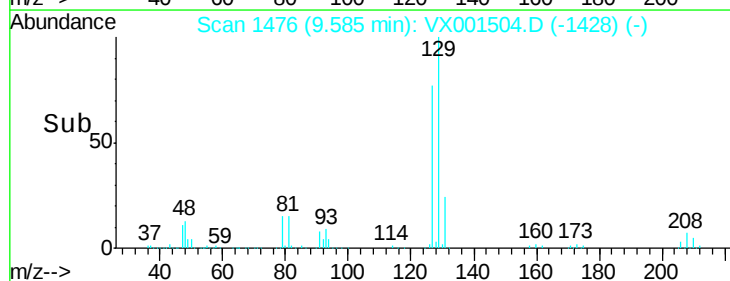
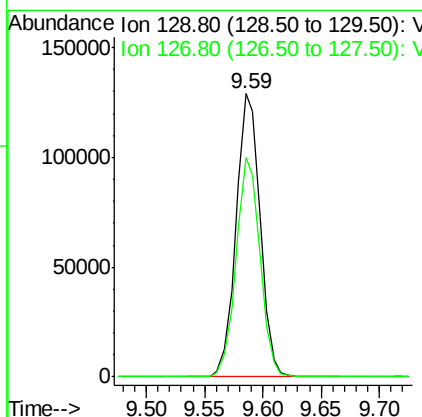
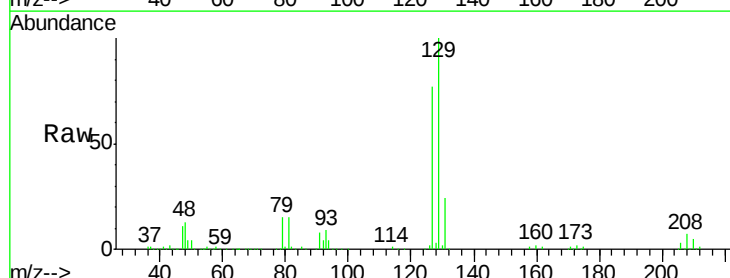
Manual Integrations
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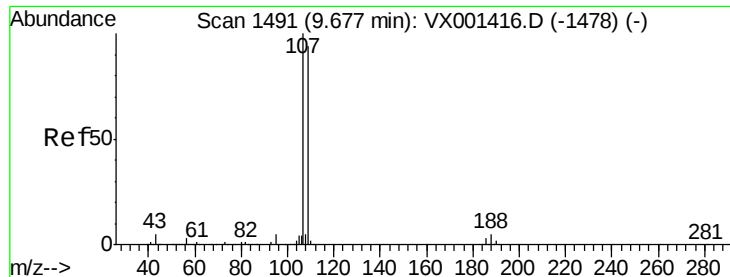
MMDadoda
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#60
Dibromochloromethane
Concen: 57.86 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Tgt Ion: 129 Resp: 185975
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.5





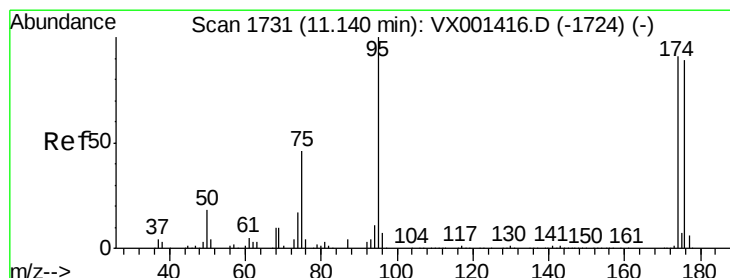
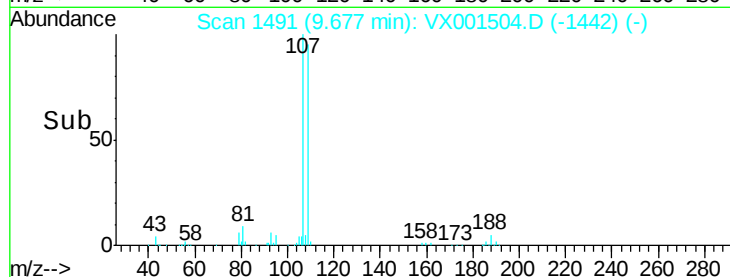
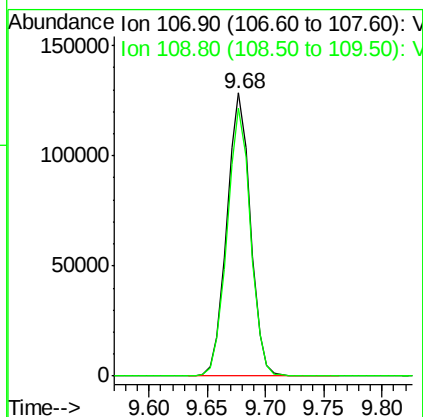
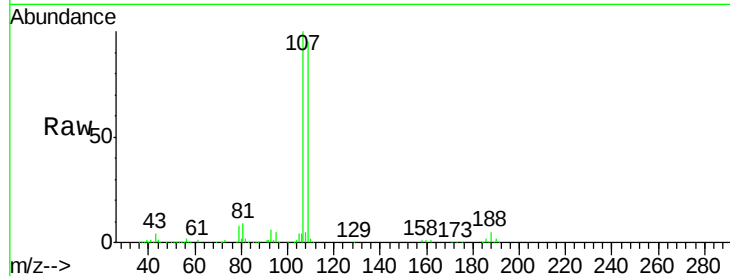
#61
 1,2-Dibromoethane
 Concen: 54.60 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.5	113.3

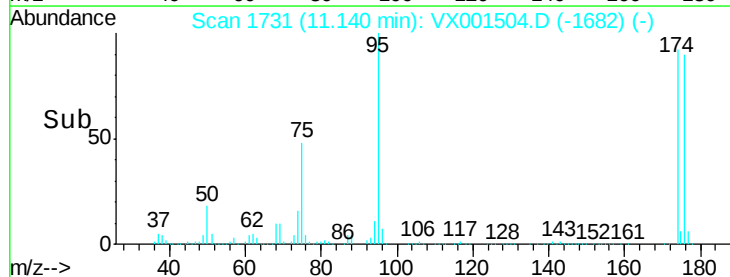
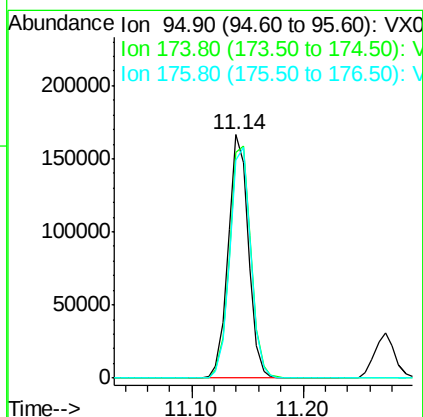
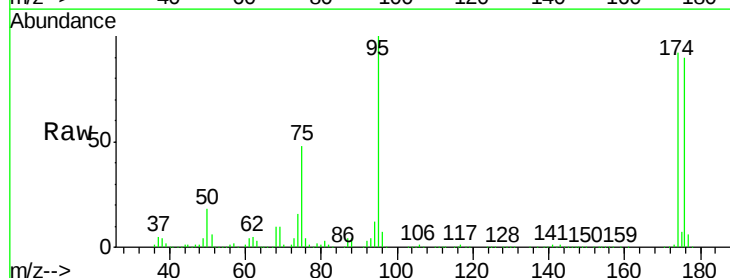
Manual Integrations
 APPROVED

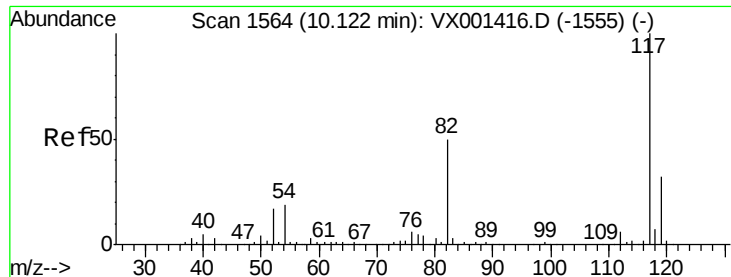
MMDadoda
 5/10/2018 1:11:31 PM



#62
 4-Bromofluorobenzene
 Concen: 52.04 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	100.7	0.0	202.0
176	98.4	0.0	197.4





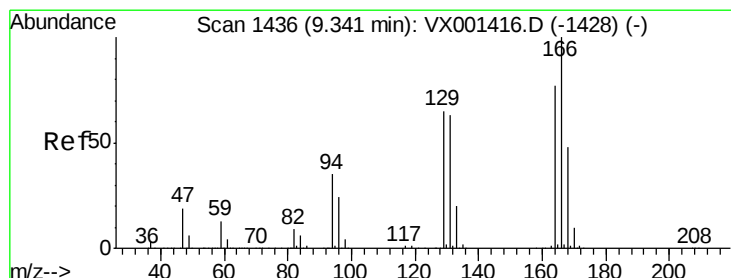
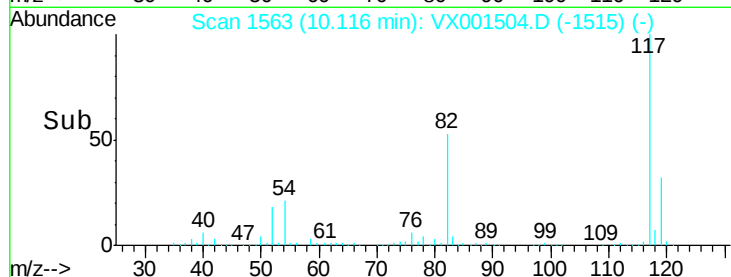
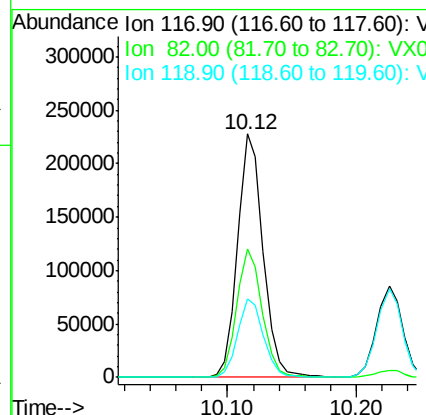
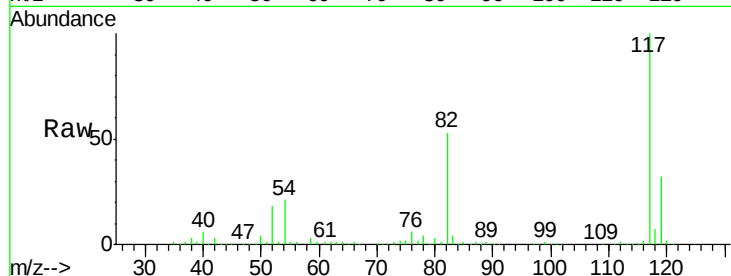
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	40.0	60.0
119	32.5	25.8	38.8

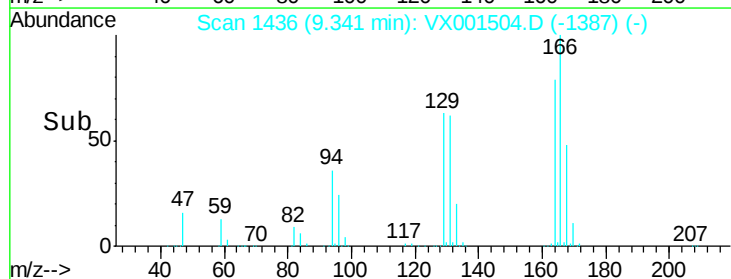
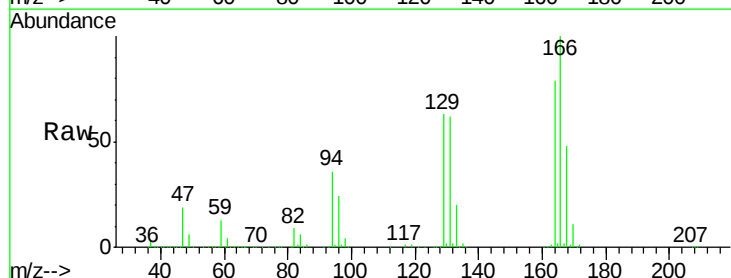
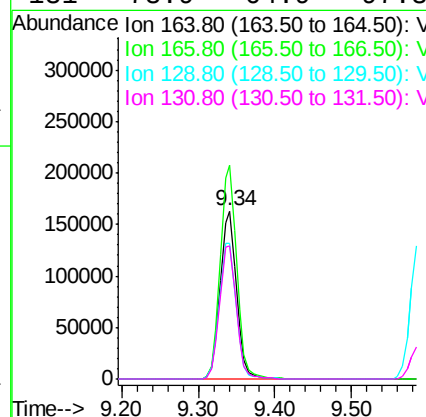
Manual Integrations
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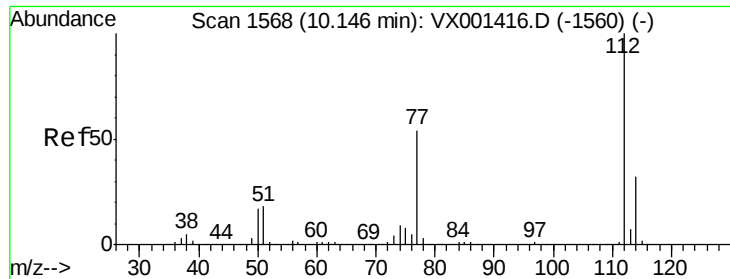
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#64
Tetrachloroethene
Concen: 54.95 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	103.5	155.3
129	80.5	66.7	100.1
131	78.9	64.9	97.3





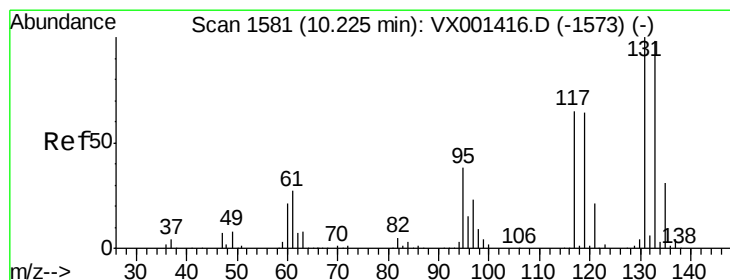
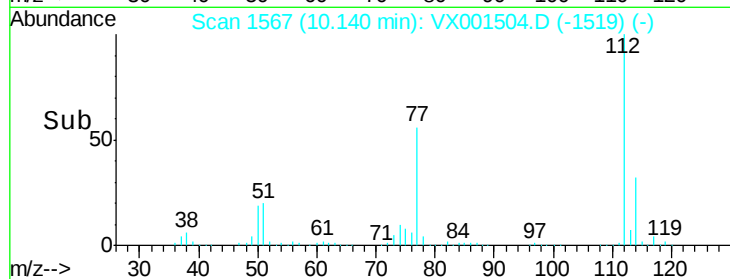
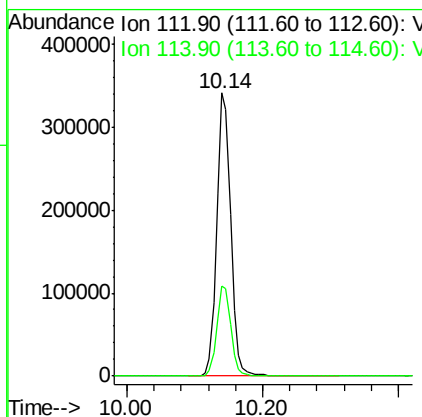
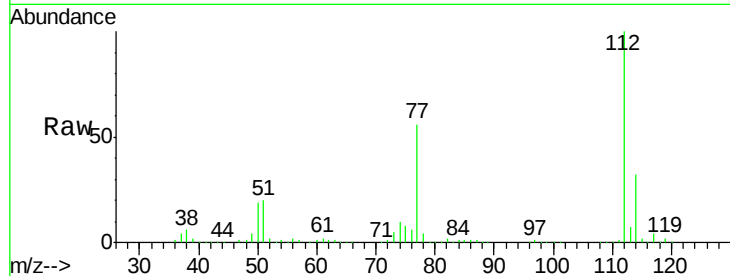
#65
Chlorobenzene
Concen: 52.36 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 484833
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0

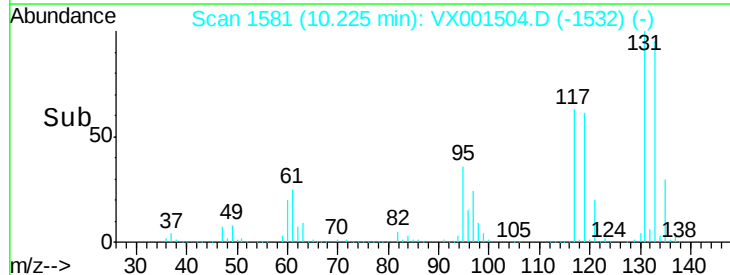
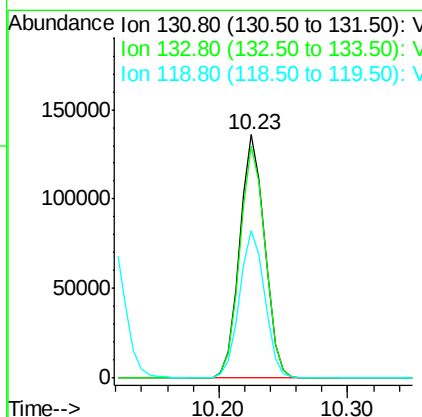
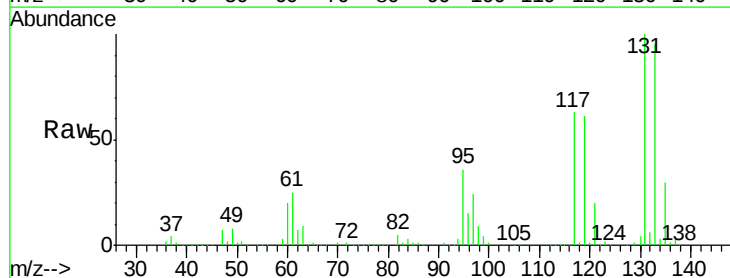
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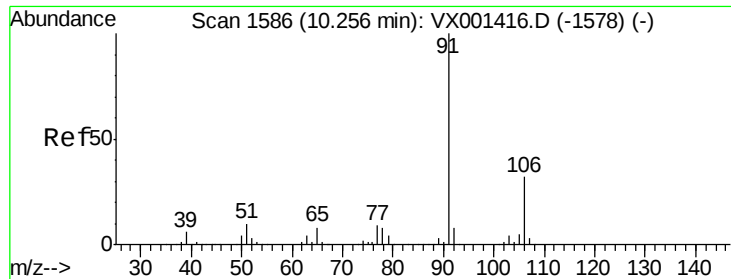
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.09 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Tgt Ion:131 Resp: 182470
Ion Ratio Lower Upper
131 100
133 96.7 47.9 143.8
119 61.5 31.1 93.3





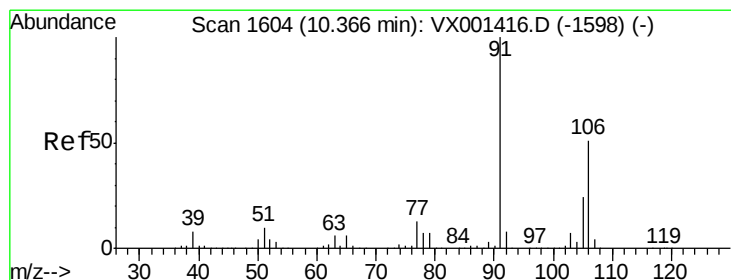
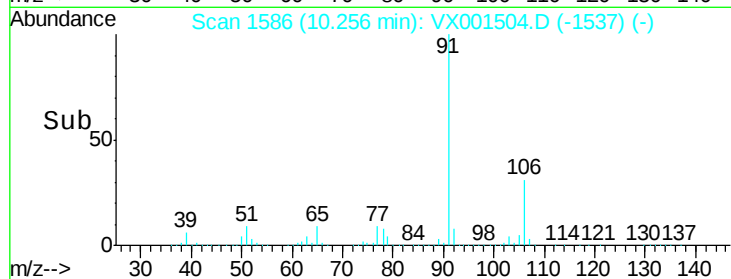
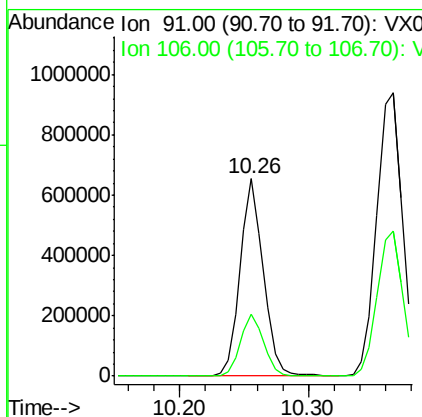
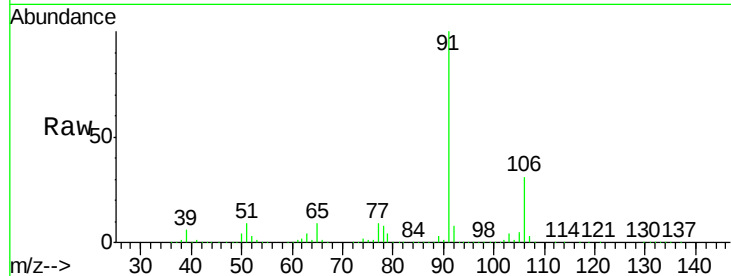
#67
Ethyl Benzene
Concen: 53.95 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 818732
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3

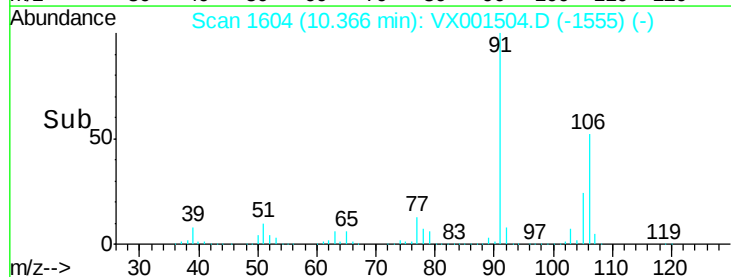
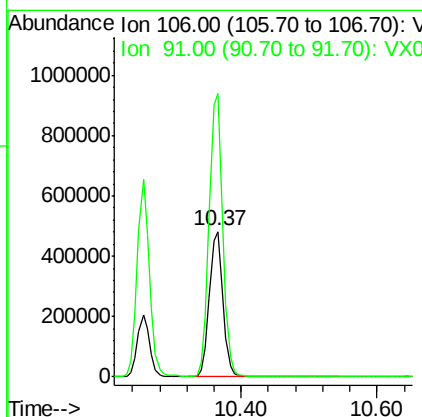
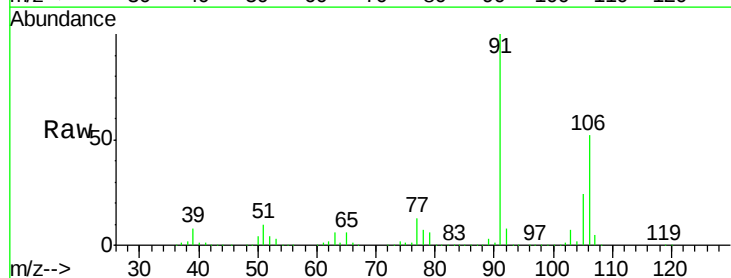
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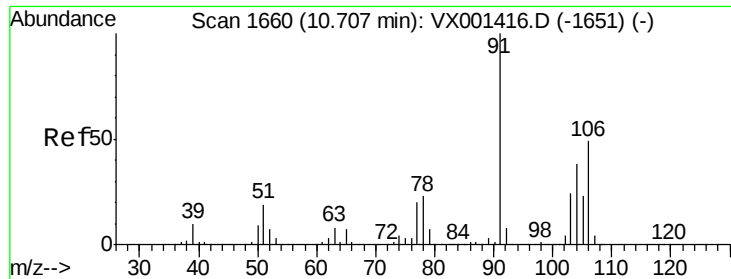
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#68
m/p-Xylenes
Concen: 110.85 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Tgt Ion: 106 Resp: 664782
Ion Ratio Lower Upper
106 100
91 196.1 157.5 236.3





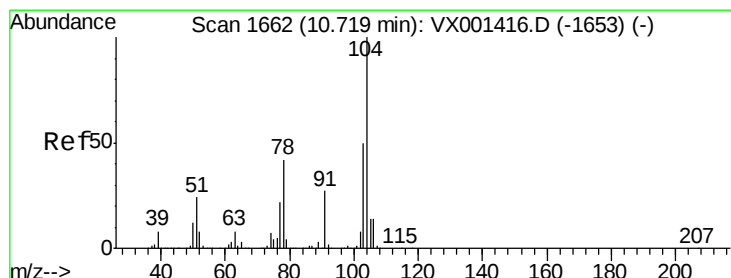
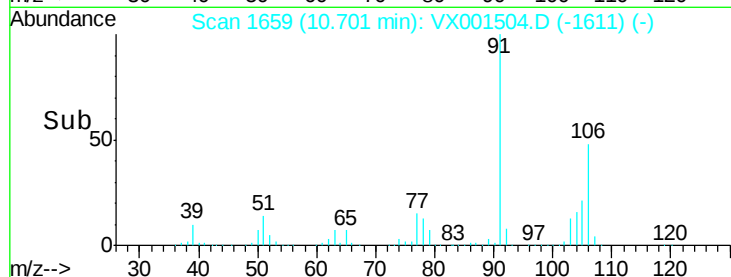
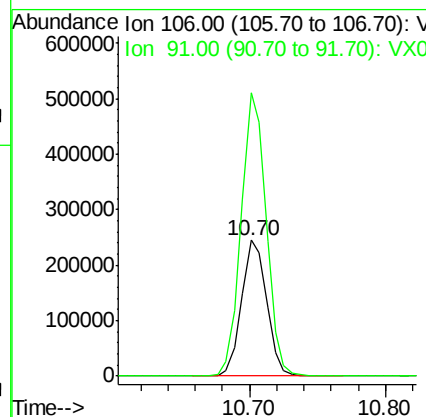
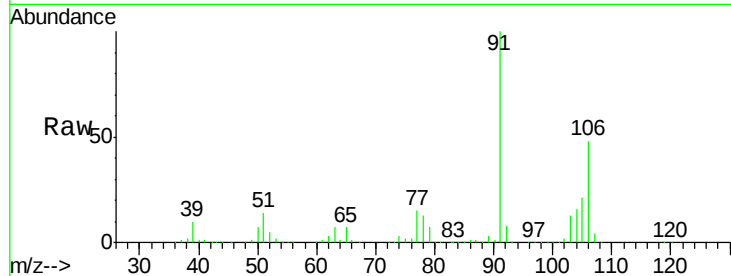
#69
o-Xylene
Concen: 54.20 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.7	103.1	309.1

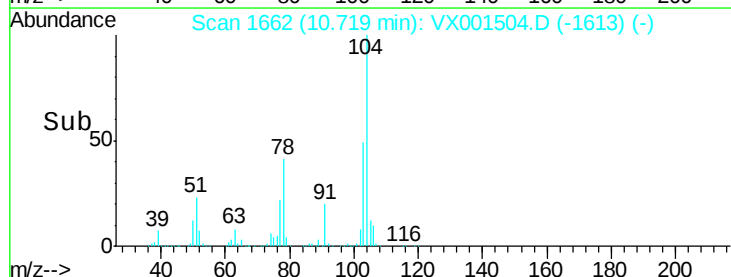
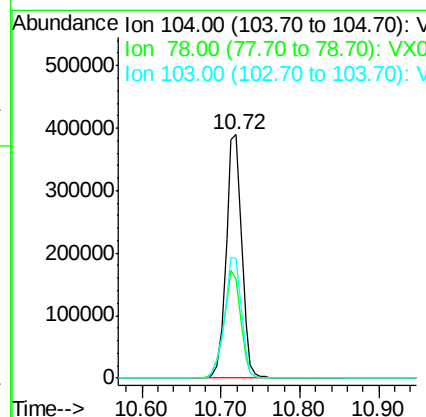
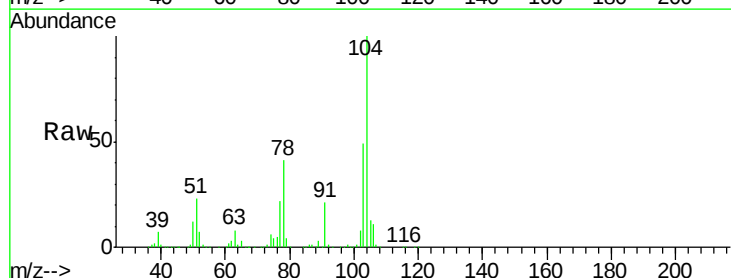
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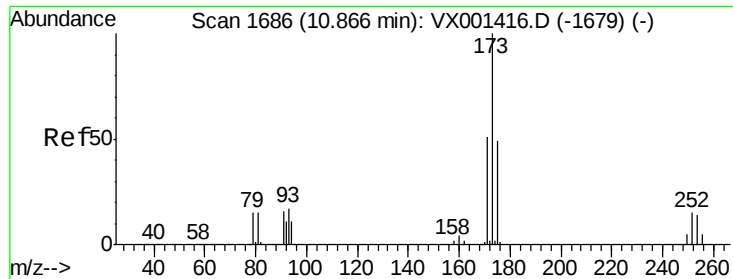
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#70
Styrene
Concen: 56.30 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.6	58.0
103	54.1	44.0	66.0





#71

Bromoform

Concen: 46.89 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

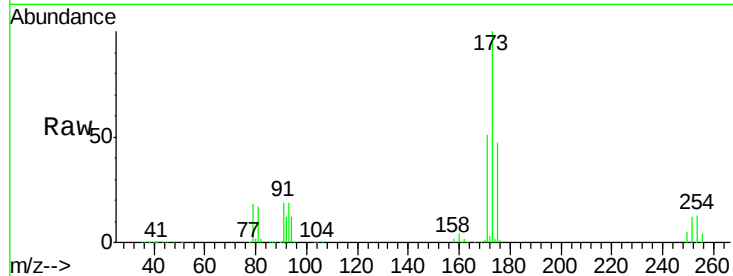
ClientSampleId :

VSTDCCC050

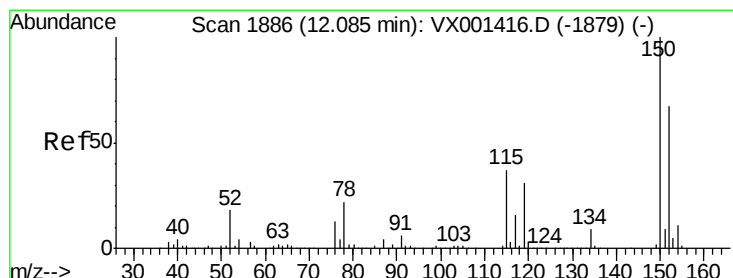
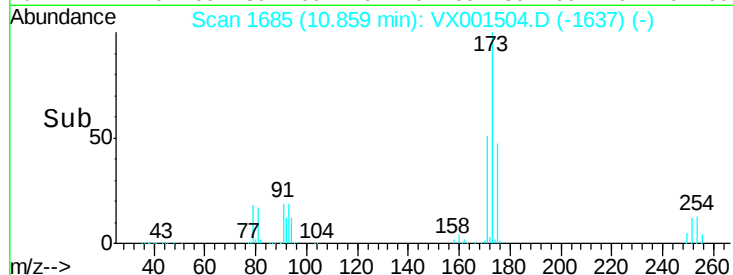
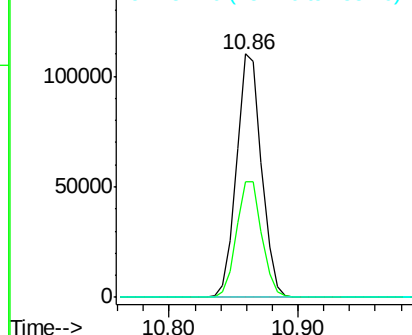
Tot Ion:	173	Resp:	148599
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.5	73.5
254	0.2	0.2	0.2

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

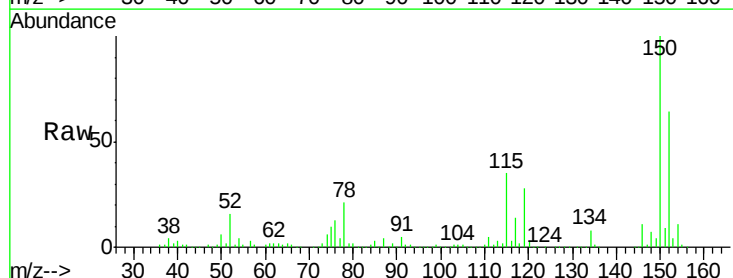
RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

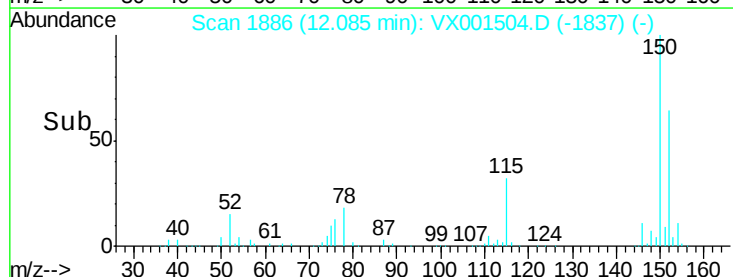
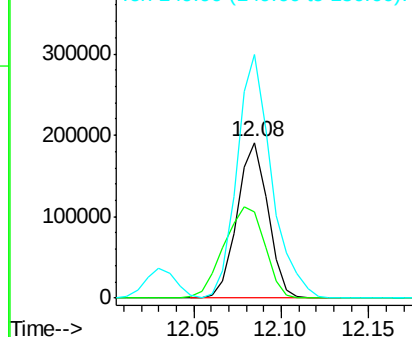
Lab File: VX001504.D

Acq: 08 May 2018 10:26

Tgt Ion:	152	Resp:	233717
Ion Ratio	Lower	Upper	
152	100		
115	78.6	37.7	113.1
150	175.8	0.0	349.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.20 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 844604

Ion Ratio Lower Upper

105 100

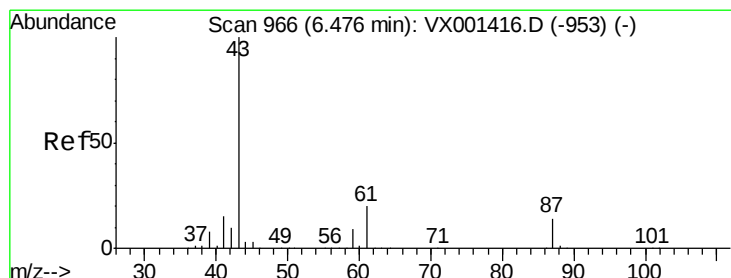
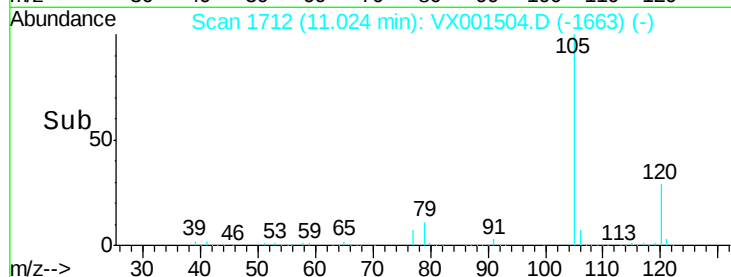
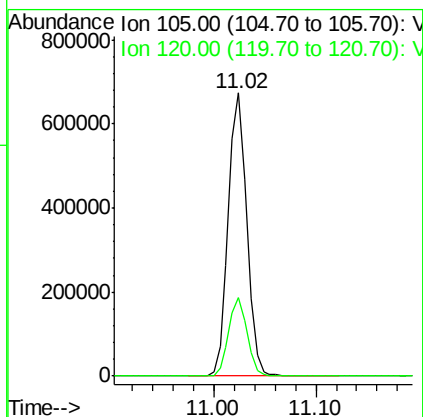
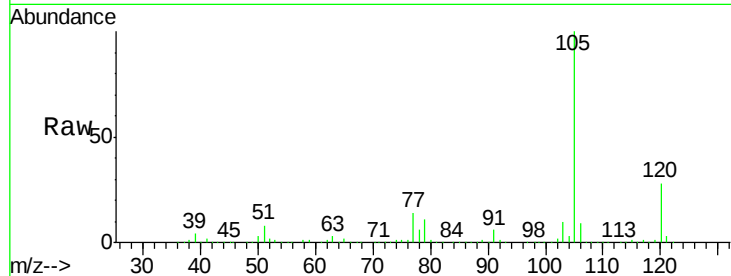
120 27.6 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 48.69 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Tgt Ion: 43 Resp: 357841

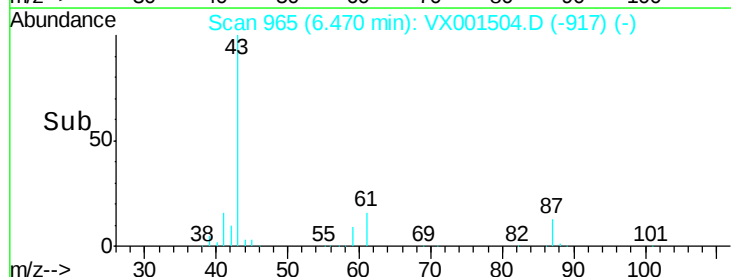
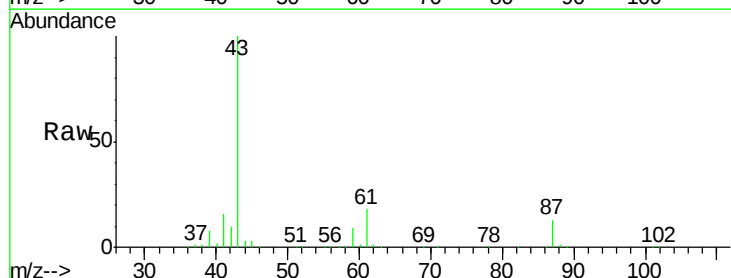
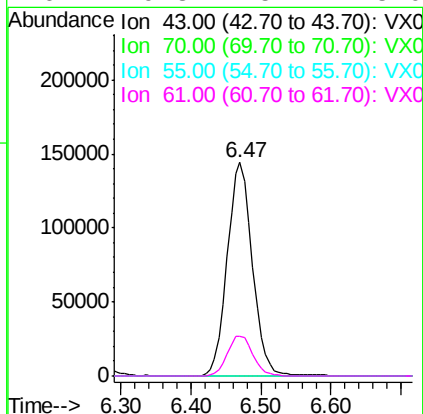
Ion Ratio Lower Upper

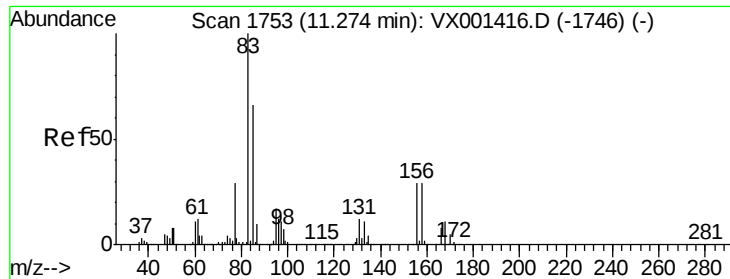
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.3 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.92 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

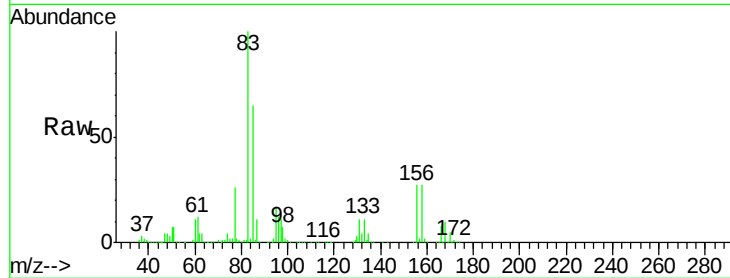
ClientSampleId :

VSTDCCC050

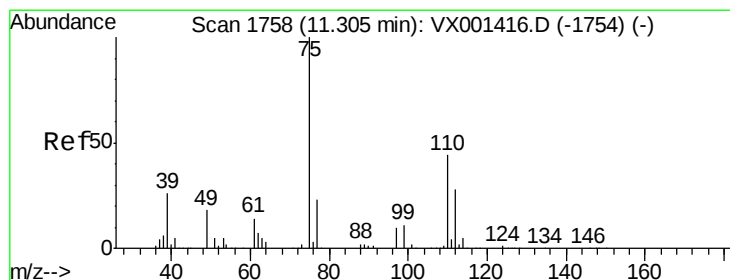
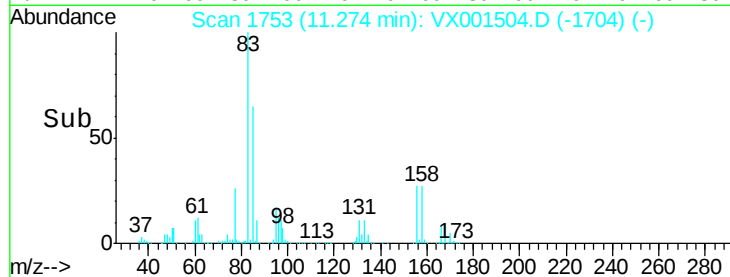
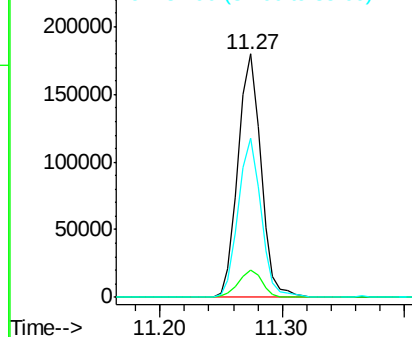
Tot Ion:	83	Resp:	233758
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.8	17.4
85	64.8	32.7	98.1

Manual Integrations
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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: 49.80 ug/l m

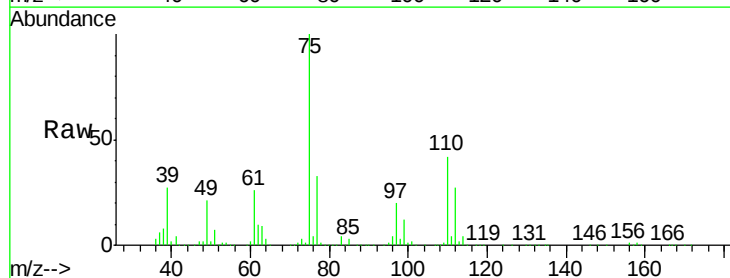
RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

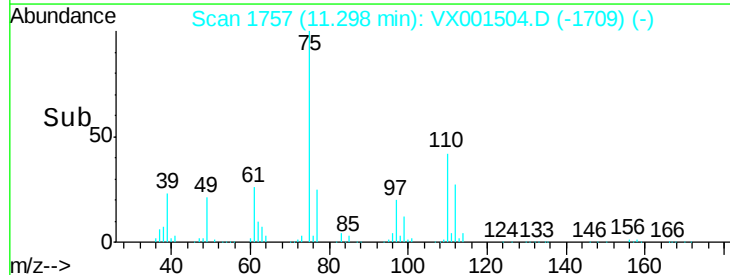
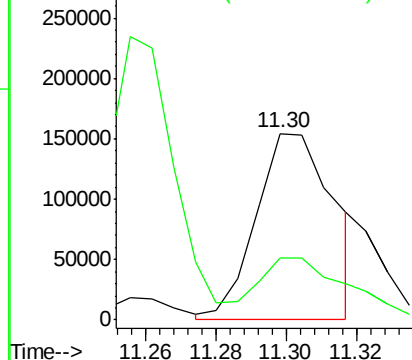
Lab File: VX001504.D

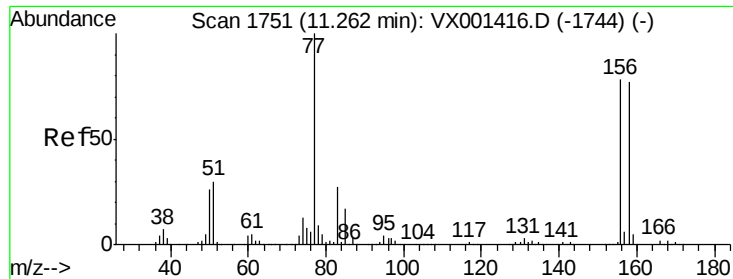
Acq: 08 May 2018 10:26

Tgt Ion:	75	Resp:	236072
Ion Ratio	Lower	Upper	
75	100		
77	37.5	19.6	58.7



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





#77

Bromobenzene

Concen: 49.76 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

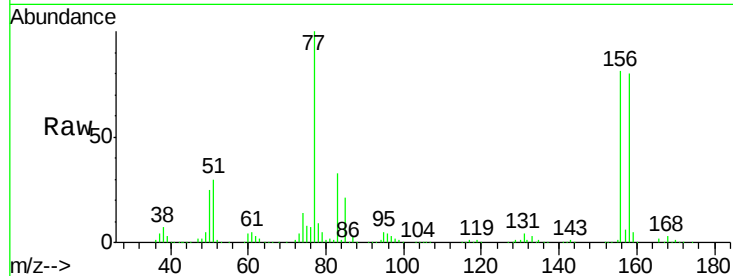
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		234081		
77	131.7	66.0	198.2		
158	98.8	49.4	148.2		

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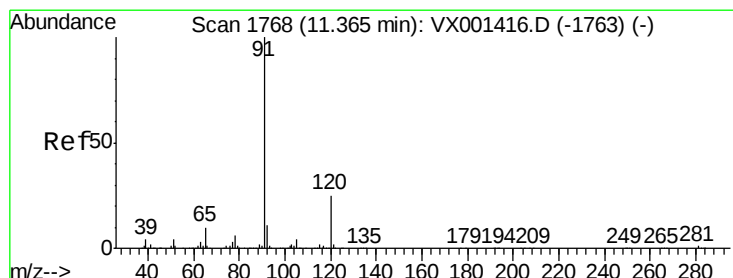
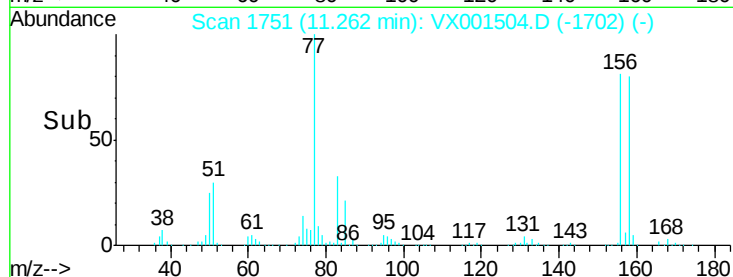
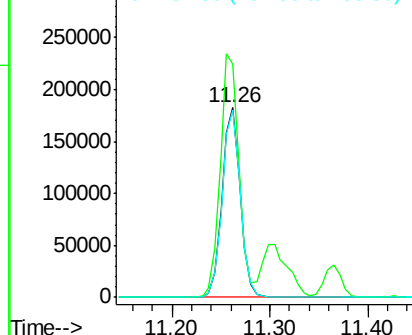
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.34 ug/l

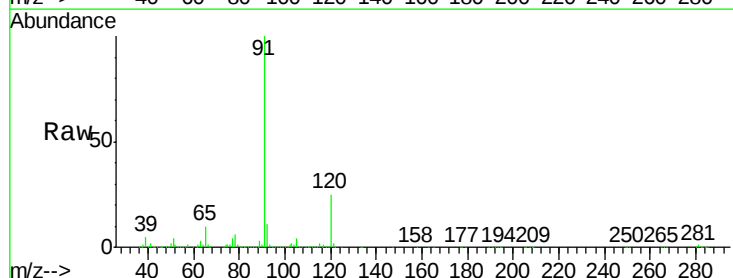
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001504.D

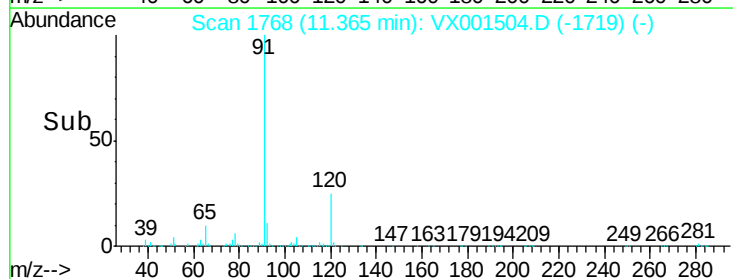
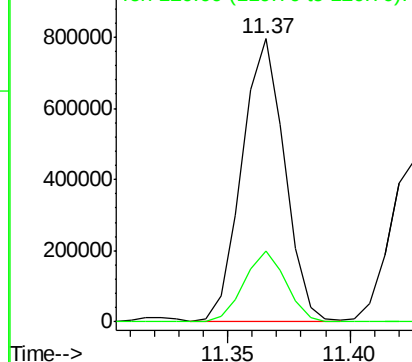
Acq: 08 May 2018 10:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		957448		
120	24.7	12.5	37.5		



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.76 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 561163

Ion Ratio Lower Upper

91 100

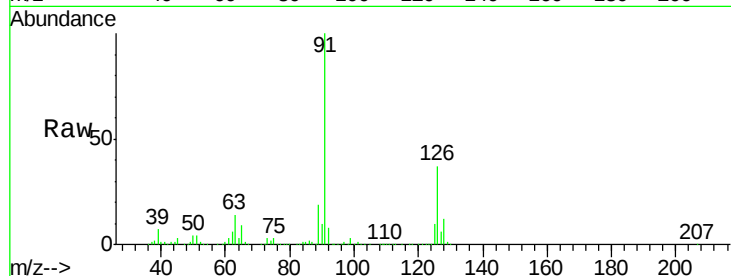
126 36.6 18.1 54.4

Manual Integrations

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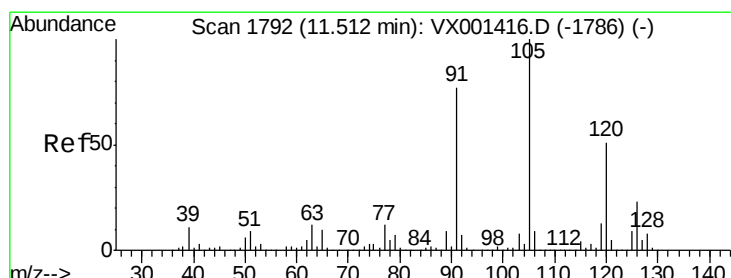
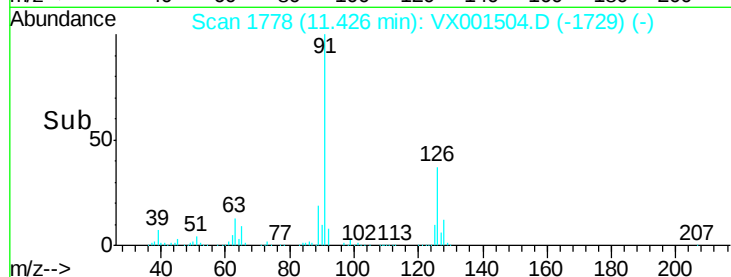
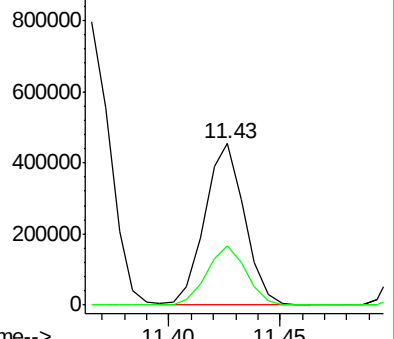
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Abundance Ion 91.00 (90.70 to 91.70): VX001504.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX001504.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.21 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001504.D

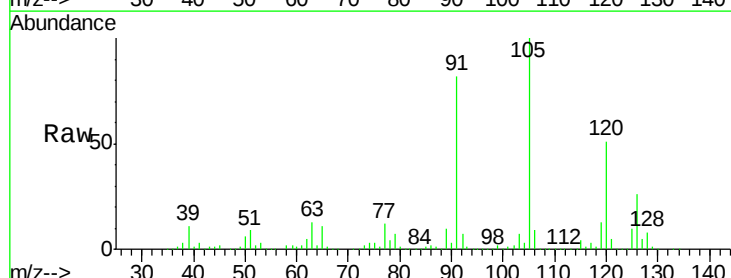
Acq: 08 May 2018 10:26

Tgt Ion: 105 Resp: 716839

Ion Ratio Lower Upper

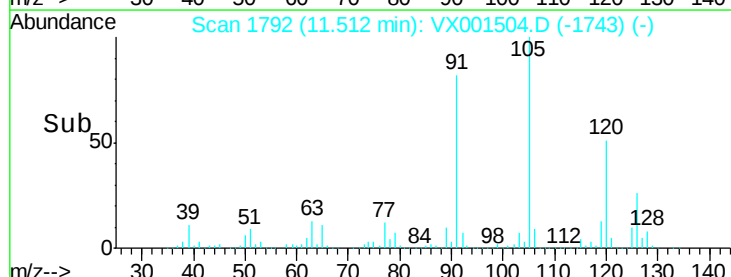
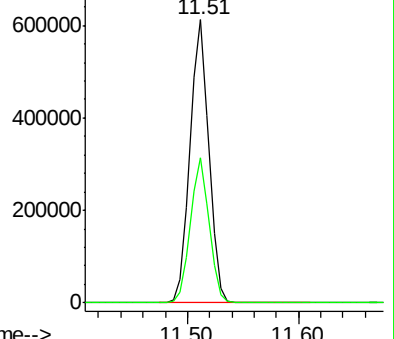
105 100

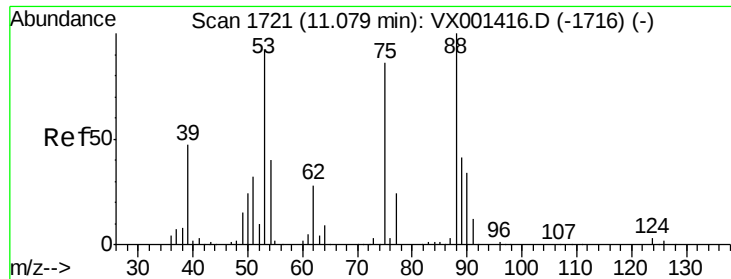
120 51.2 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): VX001504.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX001504.D (-1743) (-)





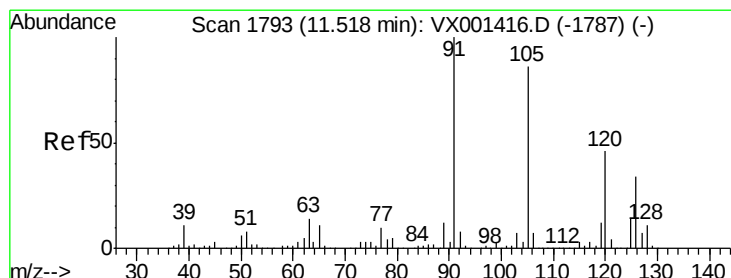
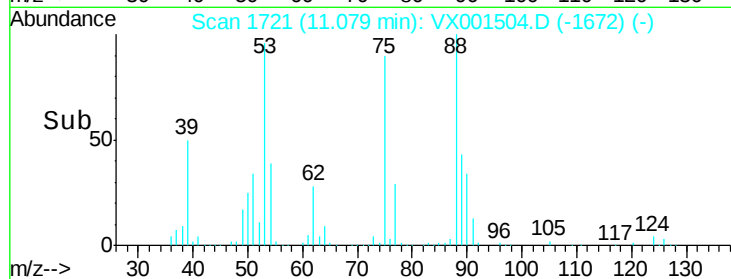
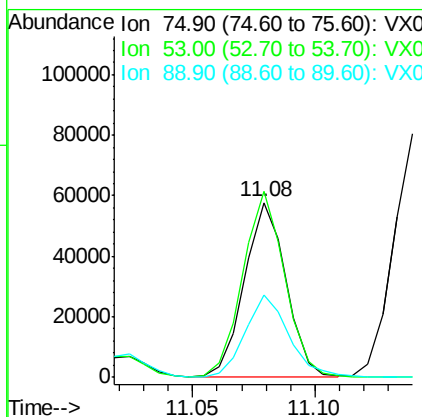
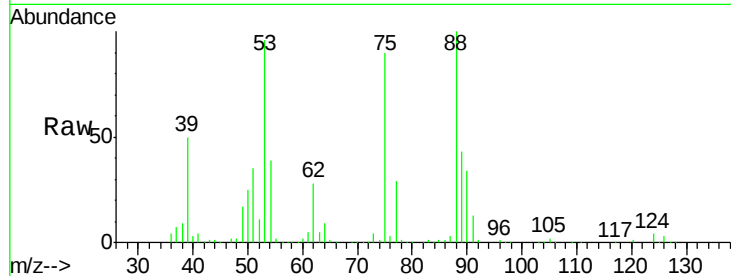
#81
trans-1,4-Dichloro-2-butene
Concen: 45.82 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.2	84.5	126.7
89	50.3	39.5	59.3

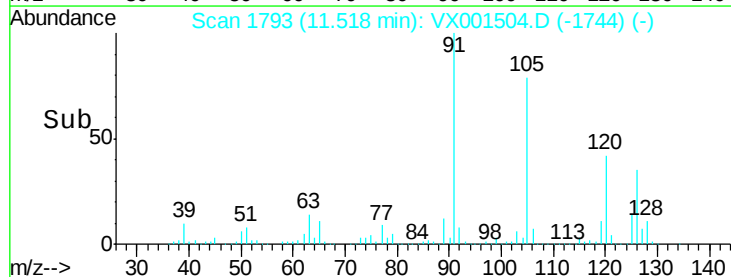
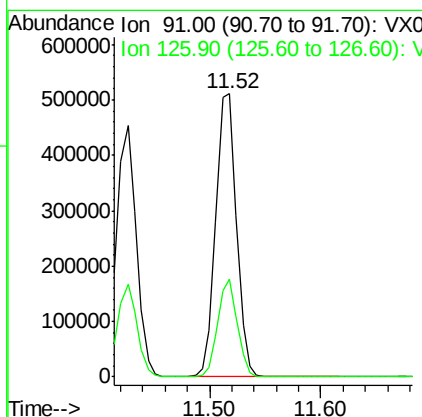
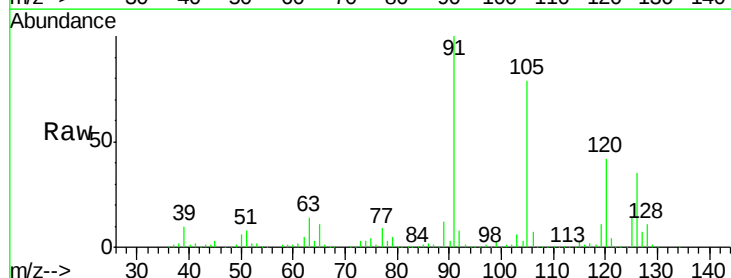
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#82
4-Chlorotoluene
Concen: 52.95 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.2	48.5





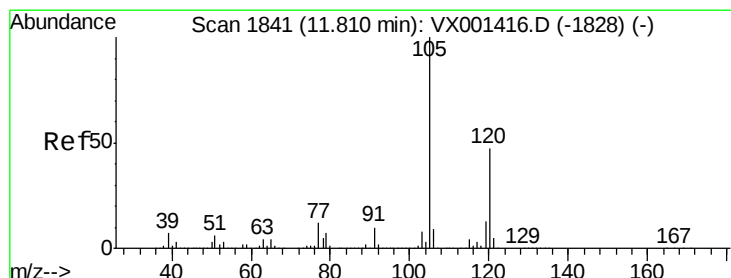
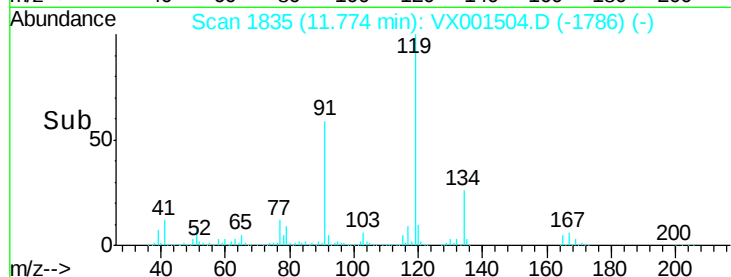
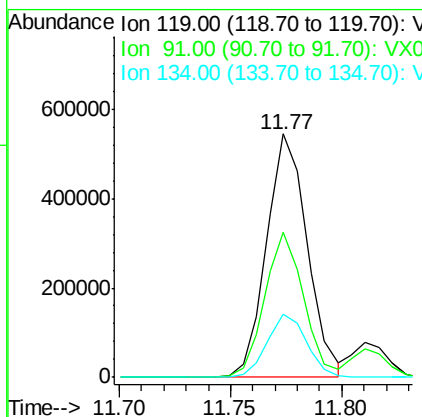
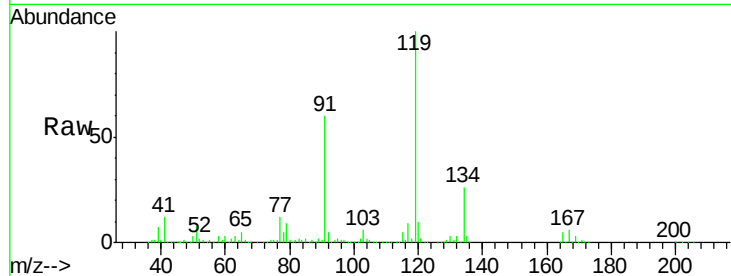
#83
 tert-Butylbenzene
 Concen: 51.55 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.1	27.8	83.3
134	25.4	12.4	37.0

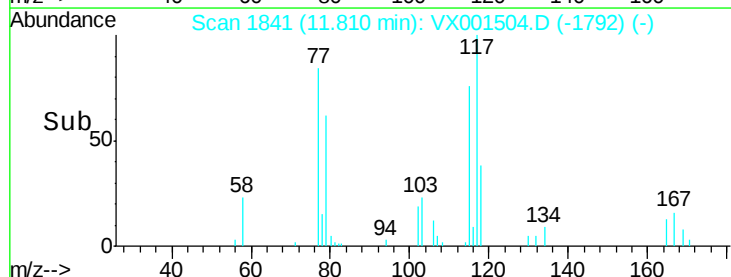
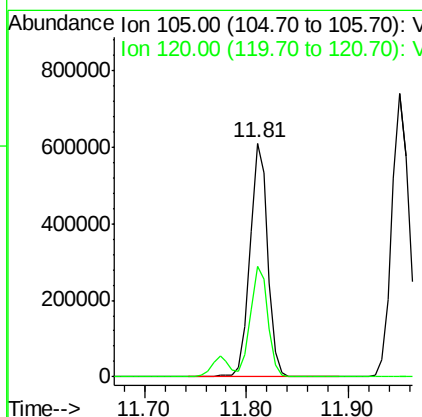
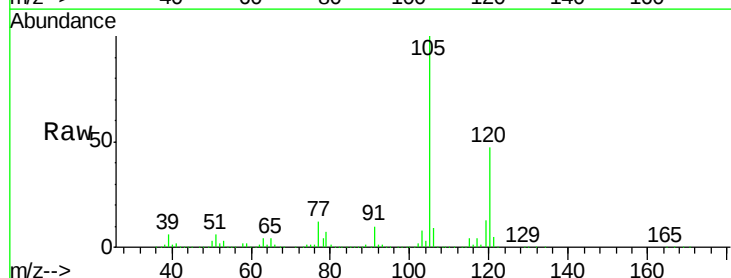
Manual Integrations
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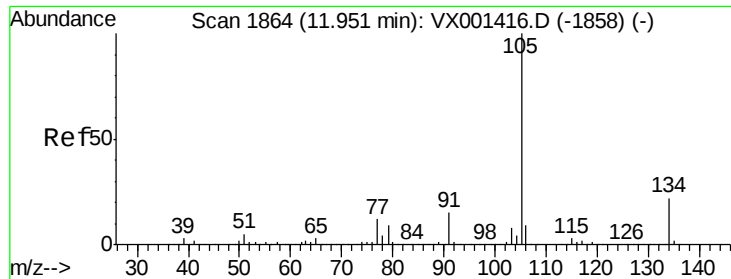
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.26 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.2





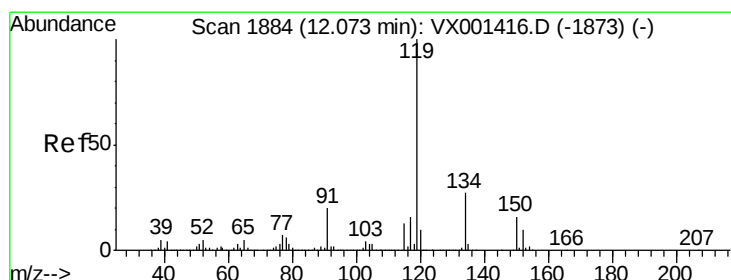
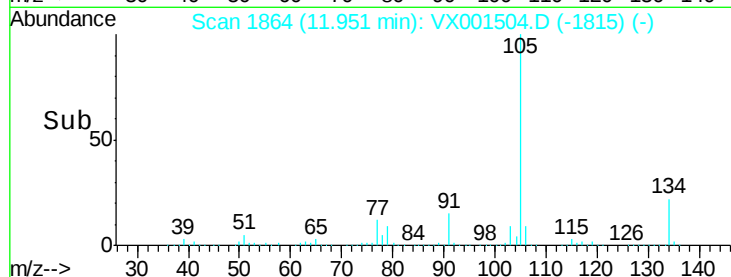
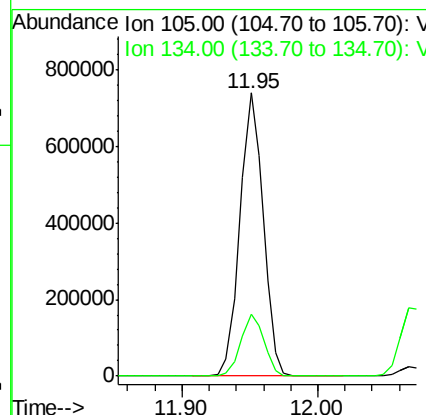
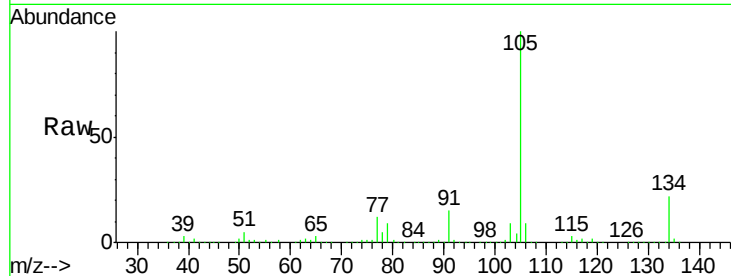
#85
 sec-Butylbenzene
 Concen: 54.82 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 881965
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.9 32.9

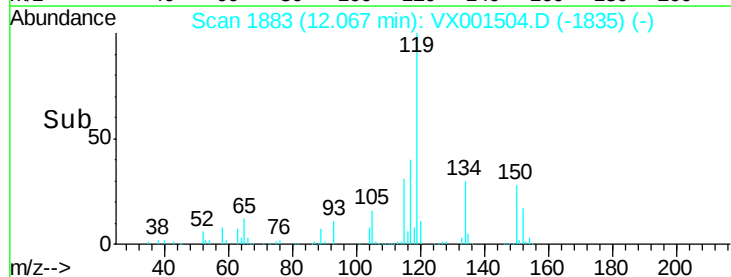
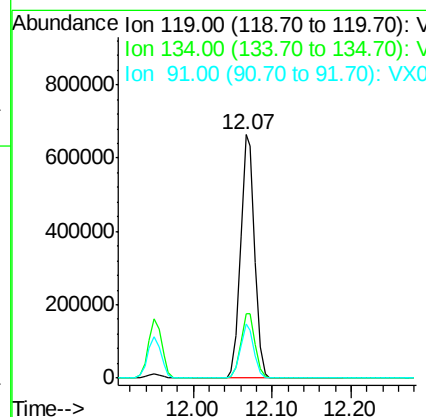
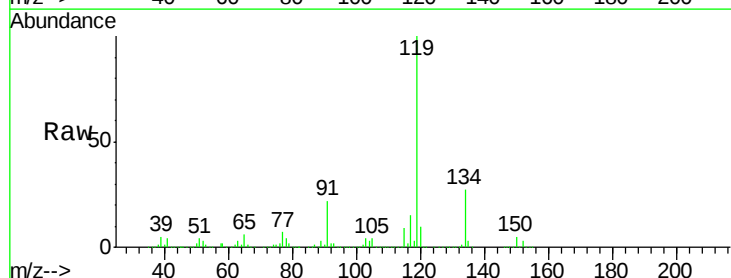
Manual Integrations
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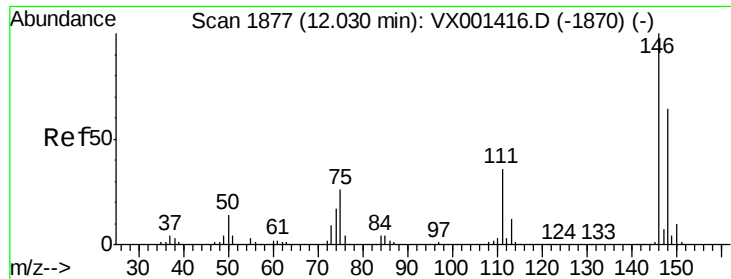
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#86
 p-Isopropyltoluene
 Concen: 55.49 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Tgt Ion:119 Resp: 818935
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.8
 91 21.6 10.8 32.3





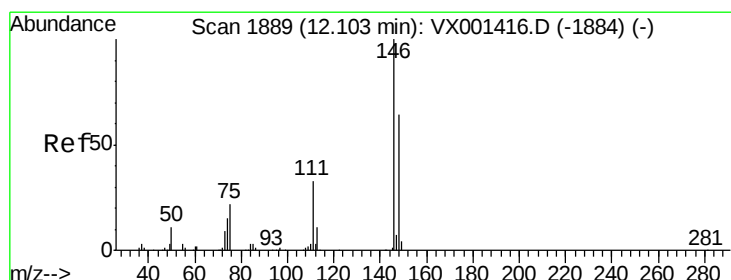
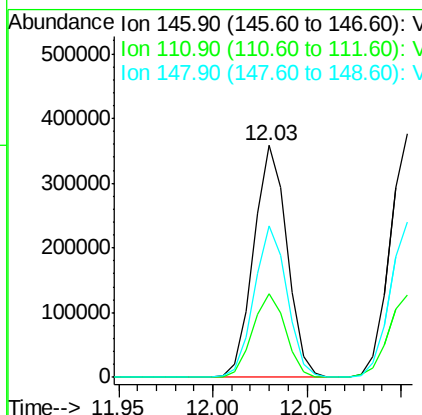
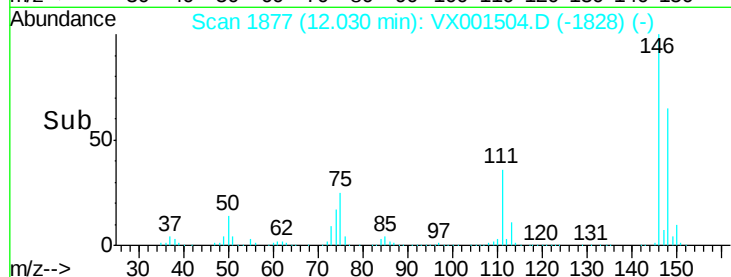
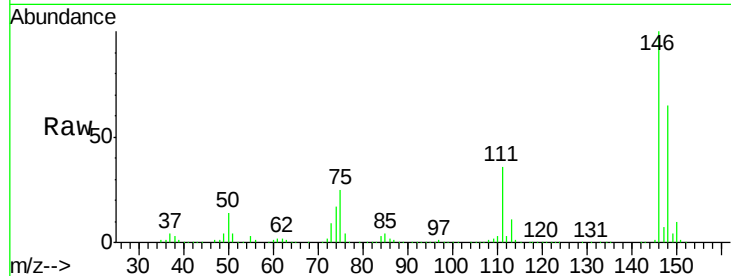
#87
 1,3-Dichlorobenzene
 Concen: 52.35 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.1
148	64.2	32.1	96.5

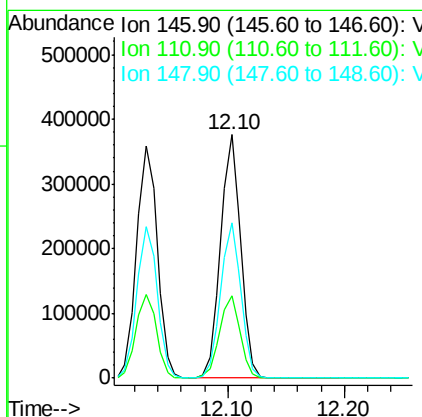
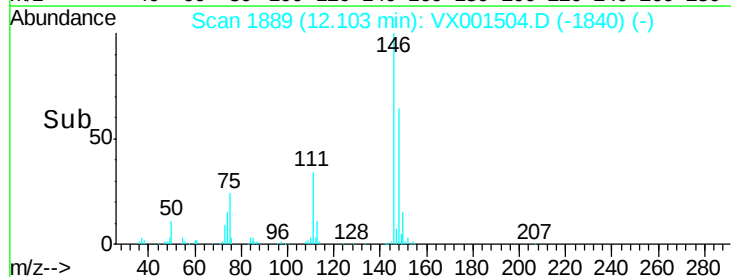
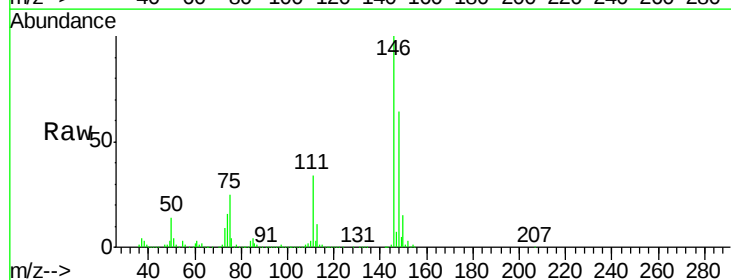
Manual Integrations
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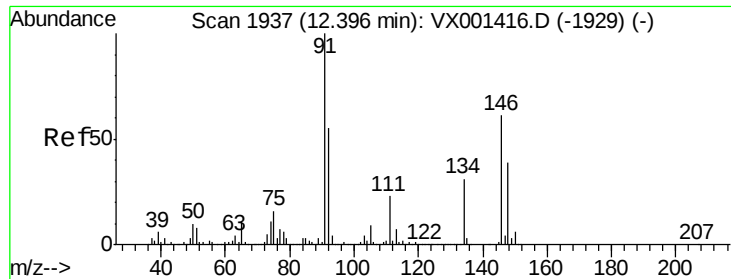
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#88
 1,4-Dichlorobenzene
 Concen: 52.00 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.7	17.4	52.3
148	64.4	32.2	96.6





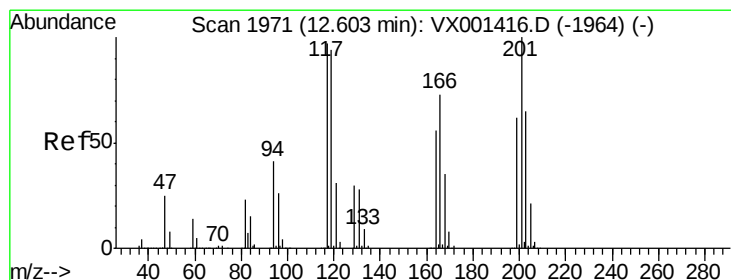
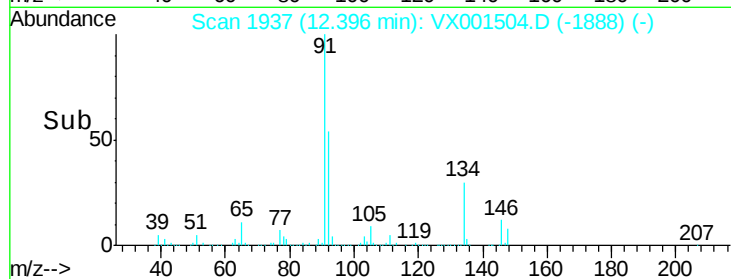
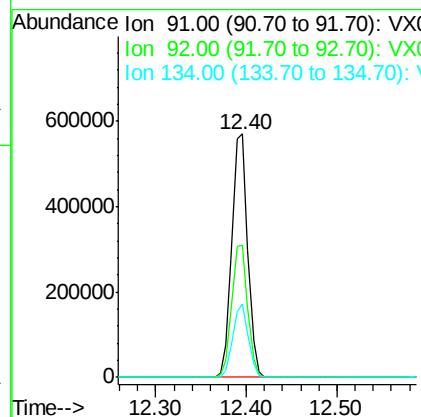
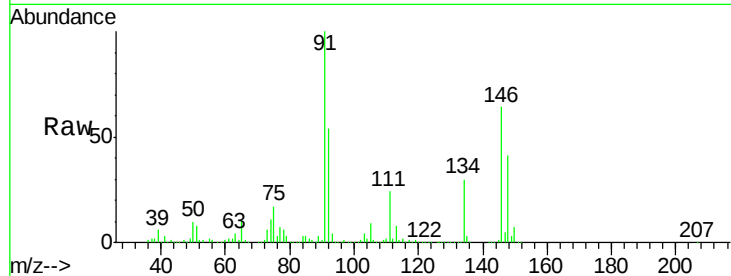
#89
n-Butylbenzene
Concen: 56.60 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	692100		
92	54.4	27.2	81.5	
134	29.3	14.6	44.0	

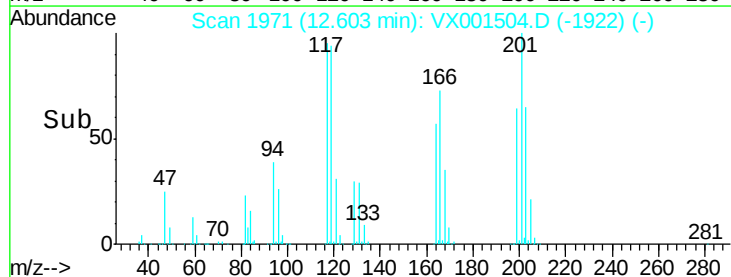
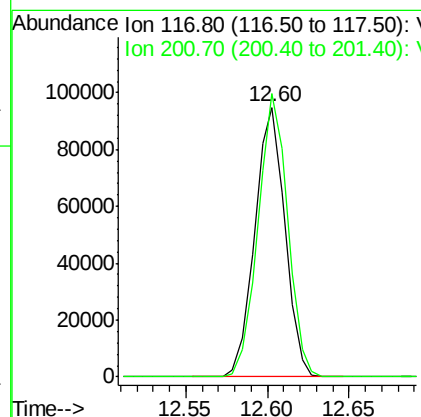
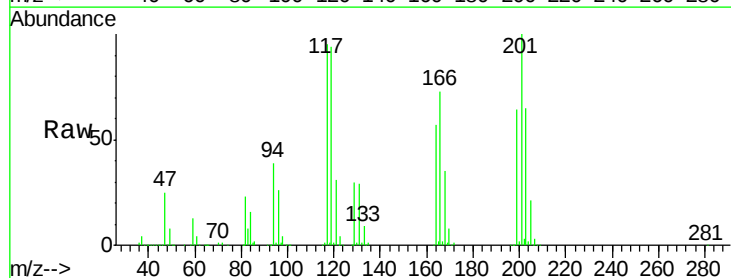
Manual Integrations
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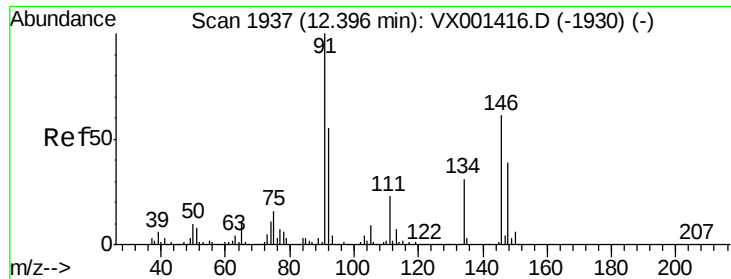
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#90
Hexachloroethane
Concen: 54.97 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001504.D
Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	122168		
201	103.2	51.5	154.5	





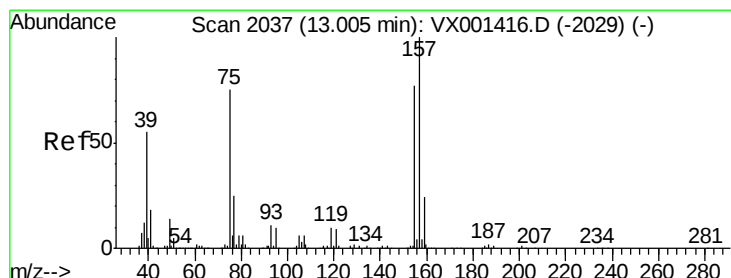
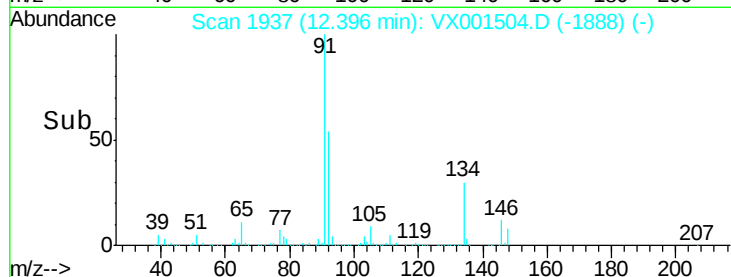
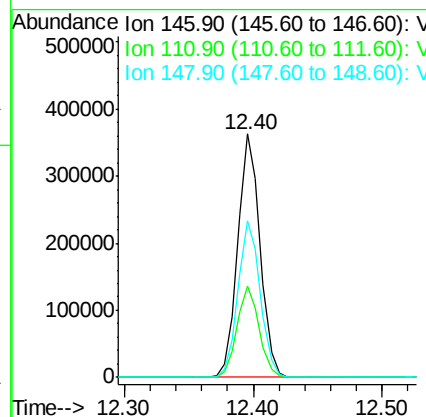
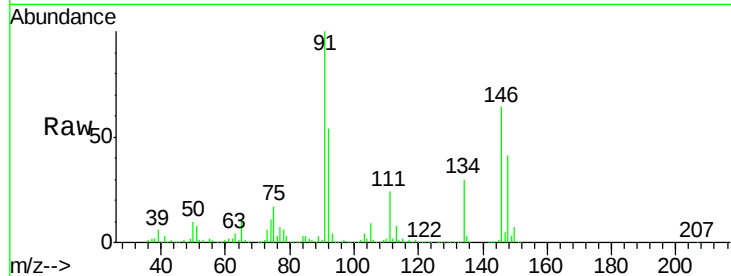
#91
 1,2-Dichlorobenzene
 Concen: 51.31 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	438968		
111	37.3	18.6	55.8	
148	64.3	32.1	96.5	

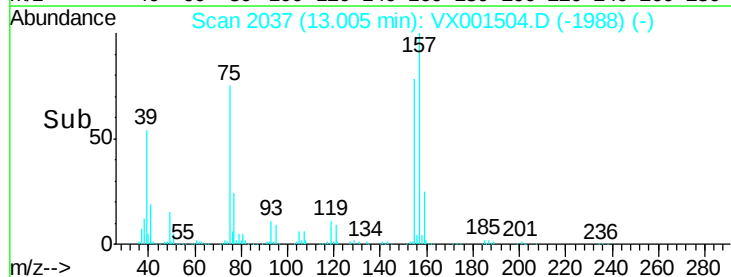
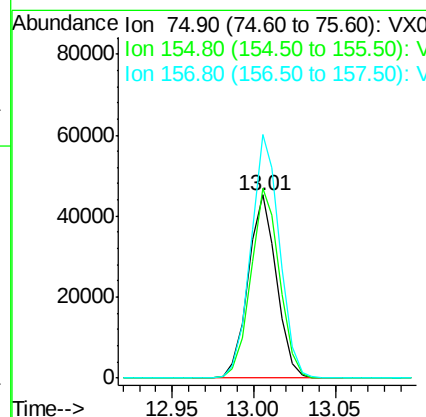
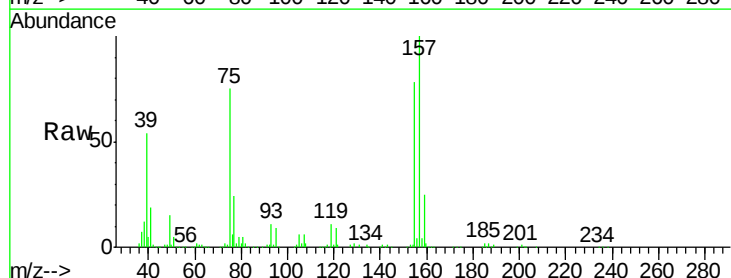
Manual Integrations
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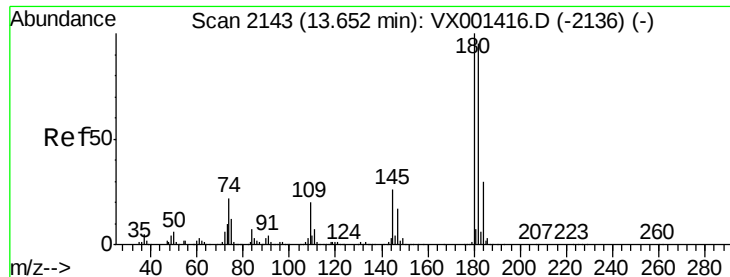
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.15 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	54756		
155	105.0	53.4	160.2	
157	134.8	68.3	204.8	





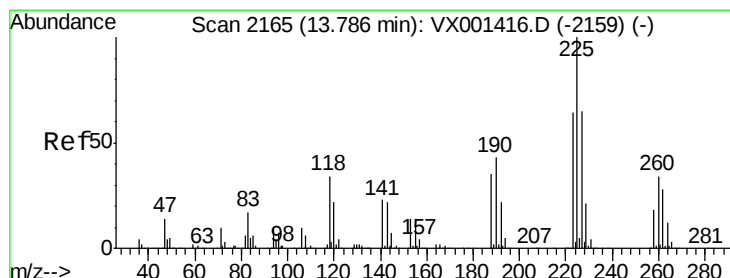
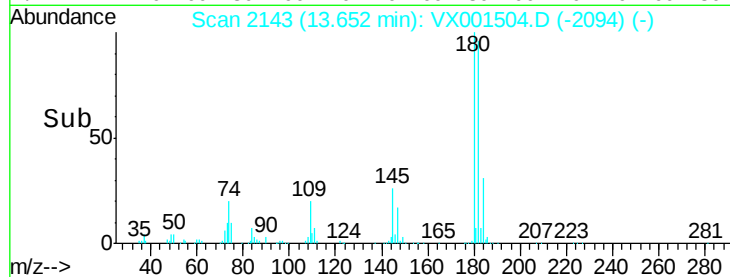
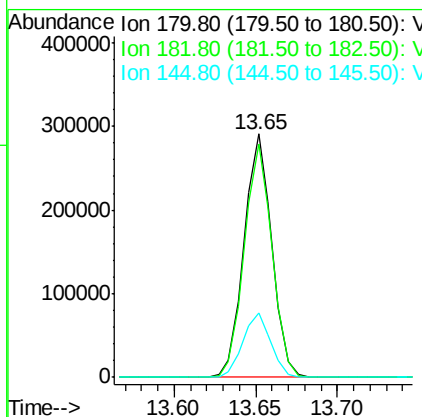
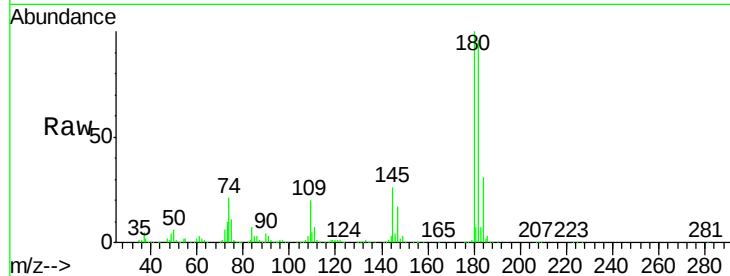
#93
 1,2,4-Trichlorobenzene
 Concen: 55.10 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	344940
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.8	143.4
145	26.7	13.3	39.9

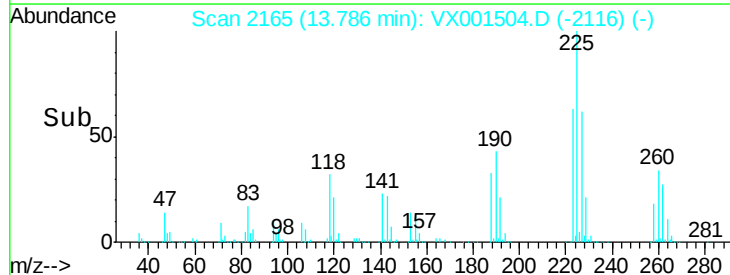
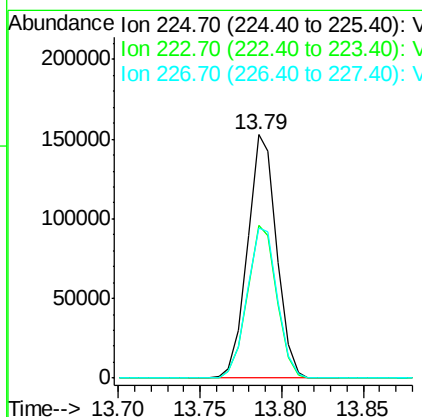
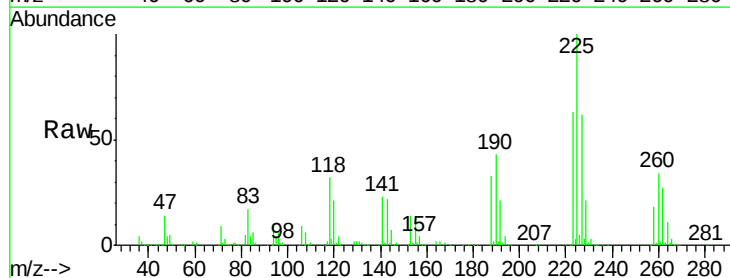
Manual Integrations
 APPROVED

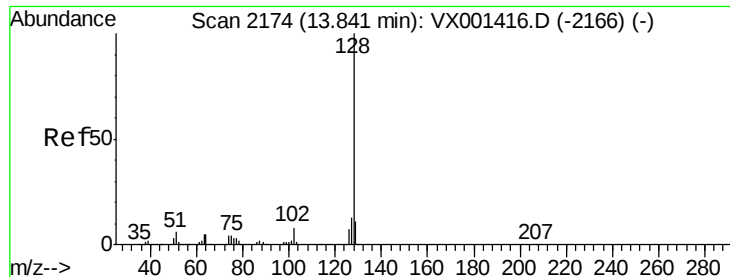
MMDadoda
 5/10/2018 1:11:31 PM



#94
 Hexachlorobutadiene
 Concen: 55.45 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001504.D
 Acq: 08 May 2018 10:26

Tgt Ion:	225	Resp:	189931
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.3	93.9
227	64.2	32.4	97.2





#95

Naphthalene

Concen: 53.70 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Instrument :

MSVOA_X

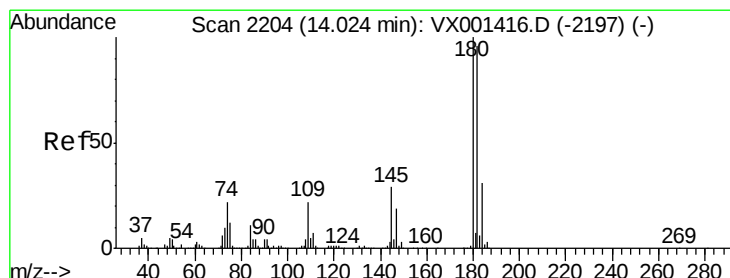
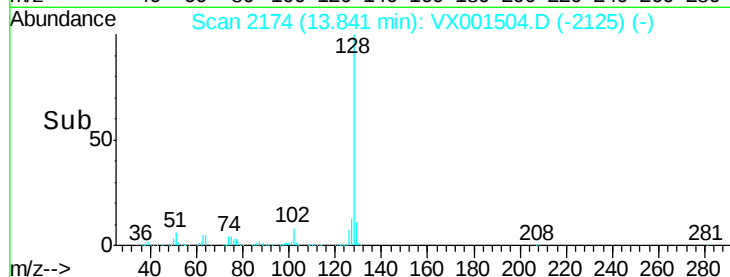
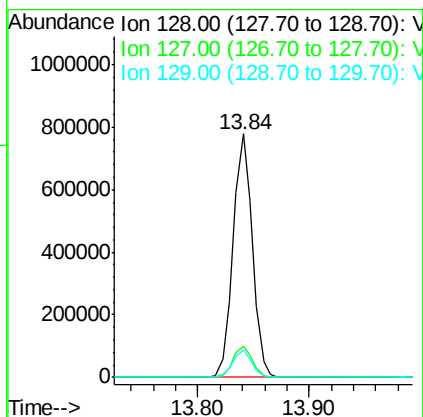
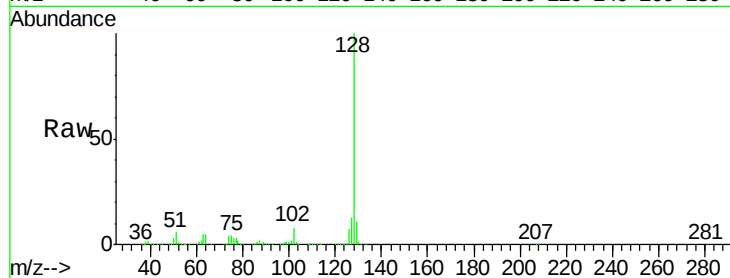
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	929635
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/10/2018 1:11:31 PM



#96

1,2,3-Trichlorobenzene

Concen: 53.88 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001504.D

Acq: 08 May 2018 10:26

Tgt Ion:	180	Resp:	346120
Ion Ratio	Lower	Upper	
180	100		
182	96.4	48.0	144.2
145	28.5	14.1	42.4

