

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100418\
 Data File : VX004995.D
 Acq On : 04 Oct 2018 03:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:47 PM

Quant Time: Oct 04 08:55:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	285659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	398137	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220075	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	180009	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
35) Dibromofluoromethane	5.51	113	157159	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
50) Toluene-d8	8.72	98	557101	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.14	95	208124	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	194630	49.971	ug/l	95
3) Chloromethane	1.32	50	211735	44.808	ug/l	99
4) Vinyl Chloride	1.40	62	213329	48.134	ug/l	98
5) Bromomethane	1.64	94	130467	49.643	ug/l	93
6) Chloroethane	1.71	64	126567	52.519	ug/l	95
7) Trichlorofluoromethane	1.92	101	263947	48.106	ug/l	98
8) Diethyl Ether	2.19	74	112624	47.249	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	155375	49.713	ug/l	99
10) Methyl Iodide	2.51	142	191340	45.750	ug/l	97
11) Tert butyl alcohol	3.08	59	265754	232.916	ug/l	99
12) 1,1-Dichloroethene	2.37	96	148284	47.907	ug/l	94
13) Acrolein	2.29	56	108717	133.920	ug/l	90
14) Allyl chloride	2.73	41	317604	47.028	ug/l	98
15) Acrylonitrile	3.15	53	623458	248.217	ug/l	97
16) Acetone	2.45	43	538426	226.005	ug/l	97
17) Carbon Disulfide	2.57	76	407135	43.774	ug/l	99
18) Methyl Acetate	2.78	43	338205	56.032	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	549760	51.493	ug/l	100
20) Methylene Chloride	2.85	84	180564	52.165	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	158843	46.880	ug/l	88
22) Diisopropyl ether	3.87	45	585411	51.477	ug/l	98
23) Vinyl Acetate	3.82	43	2563159	246.228	ug/l	96
24) 1,1-Dichloroethane	3.69	63	319977	47.168	ug/l	99
25) 2-Butanone	4.71	43	832371	237.030	ug/l	96
26) 2,2-Dichloropropane	4.57	77	159922	33.854	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	186647	49.310	ug/l	96
28) Bromochloromethane	5.01	49	154444	48.347	ug/l	98
29) Tetrahydrofuran	5.16	42	545598	249.973	ug/l	100
30) Chloroform	5.21	83	299945	46.784	ug/l	100
31) Cyclohexane	5.57	56	265469	51.130	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	256397	48.969	ug/l	95
36) 1,1-Dichloropropene	5.80	75	214873	46.674	ug/l	97
37) Ethyl Acetate	4.86	43	310612	50.828	ug/l	98
38) Carbon Tetrachloride	5.78	117	216356	44.708	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	242989	51.690	ug/l #	84
40) Benzene	6.14	78	677016	46.973	ug/l	96
41) Methacrylonitrile	5.06	41	168987	49.863	ug/l	97
42) 1,2-Dichloroethane	6.20	62	229247	44.994	ug/l	99
43) Isopropyl Acetate	6.46	43	442189	50.133	ug/l #	93
44) Trichloroethene	7.21	130	175147	49.433	ug/l	97
45) 1,2-Dichloropropane	7.52	63	176695	49.992	ug/l	99
46) Dibromomethane	7.66	93	111277	50.096	ug/l	99
47) Bromodichloromethane	7.90	83	211526	50.862	ug/l	98
48) Methyl methacrylate	7.77	41	220586	55.099	ug/l	98
49) 1,4-Dioxane	7.76	88	99533	1000.728	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1499764	270.048	ug/l	98
52) Toluene	8.79	92	404084	51.023	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	228749	48.673	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	250156	50.818	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	172005	49.582	ug/l	96
56) Ethyl methacrylate	9.18	69	275314	48.969	ug/l	95
57) 1,3-Dichloropropane	9.37	76	283139	49.040	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	753913	252.094	ug/l	99
59) 2-Hexanone	9.50	43	1188994	256.914	ug/l	97
60) Dibromochloromethane	9.59	129	173640	50.050	ug/l	99
61) 1,2-Dibromoethane	9.68	107	178312	47.995	ug/l	96
64) Tetrachloroethene	9.34	164	186578	51.963	ug/l	96
65) Chlorobenzene	10.14	112	457913	48.949	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	164552	50.034	ug/l	99
67) Ethyl Benzene	10.26	91	770262	51.862	ug/l	97
68) m/p-Xylenes	10.36	106	599472	103.289	ug/l	96
69) o-Xylene	10.70	106	291738	54.727	ug/l	98
70) Styrene	10.71	104	490795	49.259	ug/l	99
71) Bromoform	10.86	173	142096	50.467	ug/l	96
73) Isopropylbenzene	11.02	105	770691	55.559	ug/l	99
74) N-amyl acetate	10.90	43	383752	50.320	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	275168	48.731	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	256900m	52.081	ug/l	
77) Bromobenzene	11.26	156	210426	52.226	ug/l	98
78) n-propylbenzene	11.36	91	878888	55.220	ug/l	100
79) 2-Chlorotoluene	11.42	91	529820	53.405	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	652870	51.356	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	75207	41.918	ug/l	96
82) 4-Chlorotoluene	11.51	91	622847	53.339	ug/l	100
83) tert-Butylbenzene	11.77	119	634763	55.579	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	679283	51.816	ug/l	99
85) sec-Butylbenzene	11.94	105	764992	54.991	ug/l	100
86) p-Isopropyltoluene	12.07	119	683673	54.245	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	380796	50.614	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	384365	49.490	ug/l	100
89) n-Butylbenzene	12.39	91	596368	52.101	ug/l	99
90) Hexachloroethane	12.60	117	104015	49.567	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	388403	49.400	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	65072	52.484	ug/l	95

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ClientSampleId :
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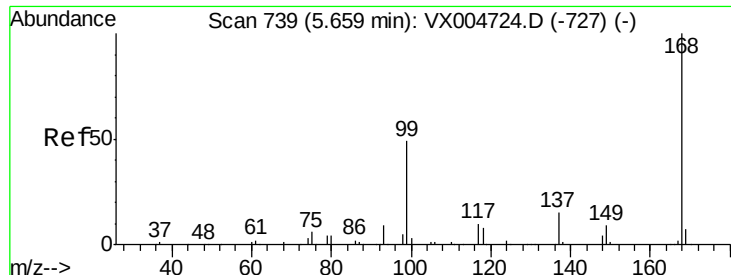
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286485	51.943	ug/l	100
94) Hexachlorobutadiene	13.78	225	133394	46.641	ug/l	100
95) Naphthalene	13.83	128	947198	51.718	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	294954	51.770	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 285659

Ion Ratio Lower Upper

168 100

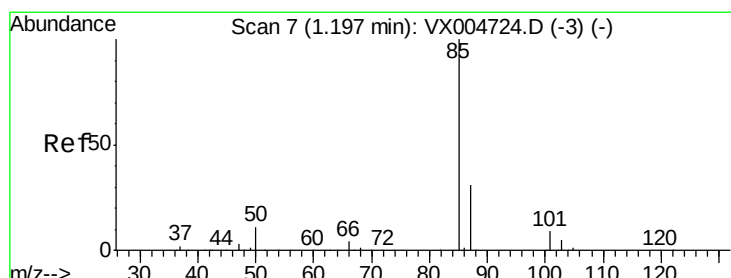
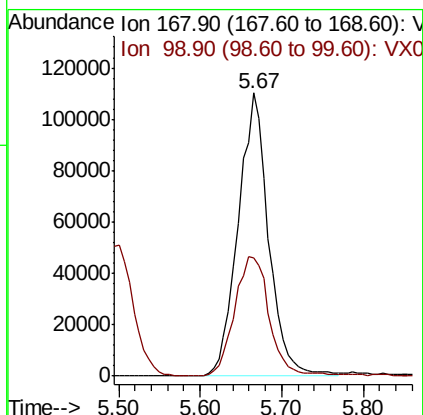
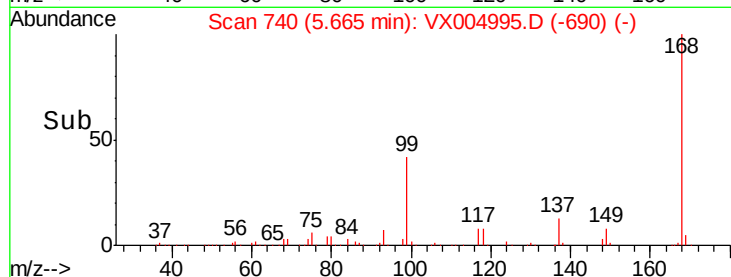
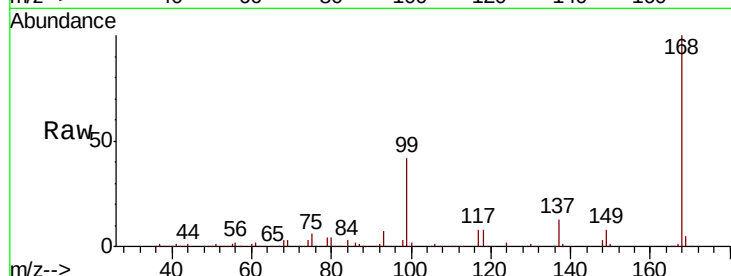
99 41.4 39.3 58.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 49.971 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004995.D

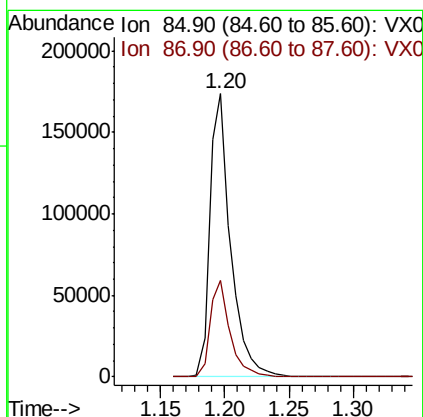
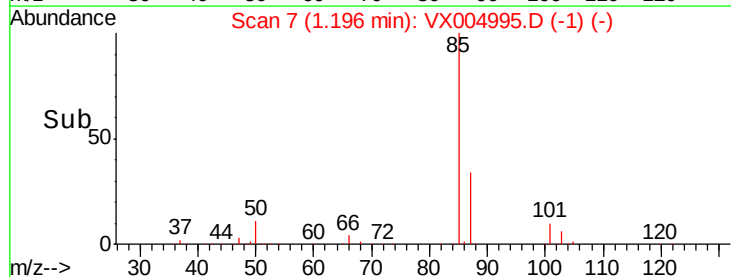
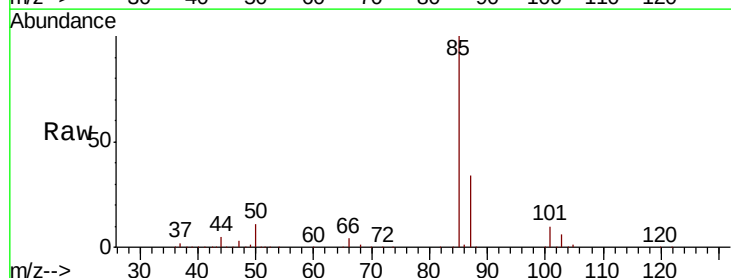
Acq: 04 Oct 2018 03:21

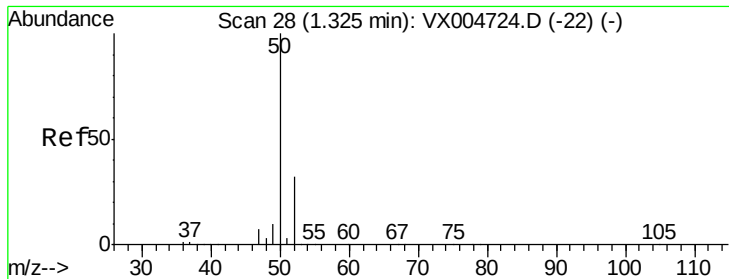
Tgt Ion: 85 Resp: 194630

Ion Ratio Lower Upper

85 100

87 33.9 15.7 47.1





#3

Chloromethane

Concen: 44.808 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 211735

Ion Ratio Lower Upper

50 100

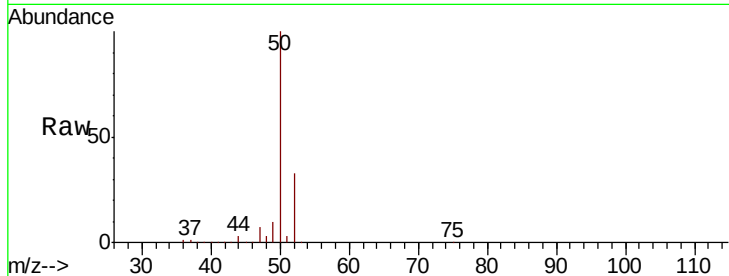
52 32.5 25.8 38.6

Manual Integrations

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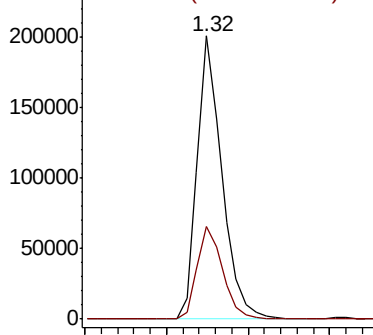
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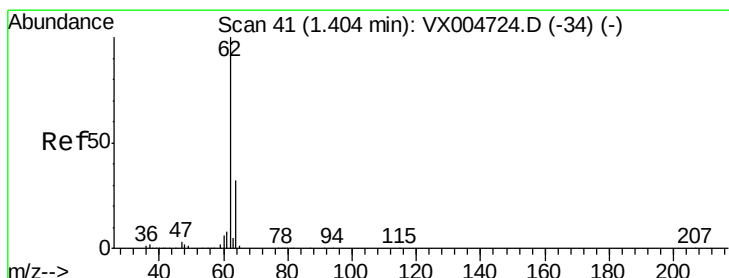
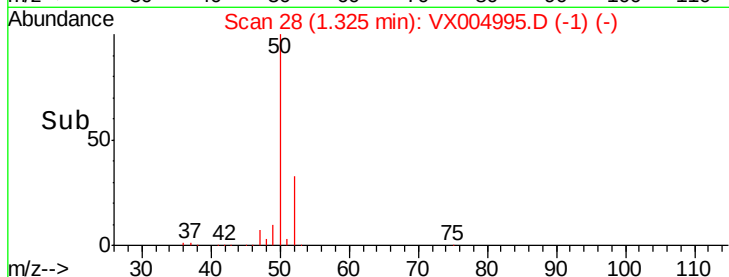


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 48.134 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004995.D

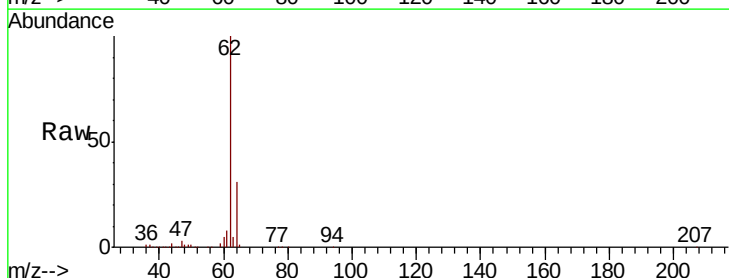
Acq: 04 Oct 2018 03:21

Tgt Ion: 62 Resp: 213329

Ion Ratio Lower Upper

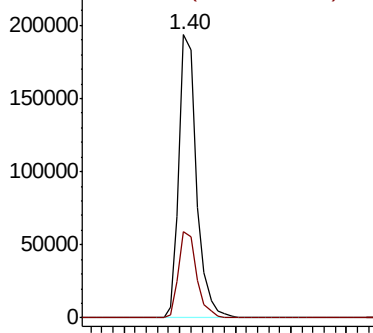
62 100

64 30.7 25.5 38.3

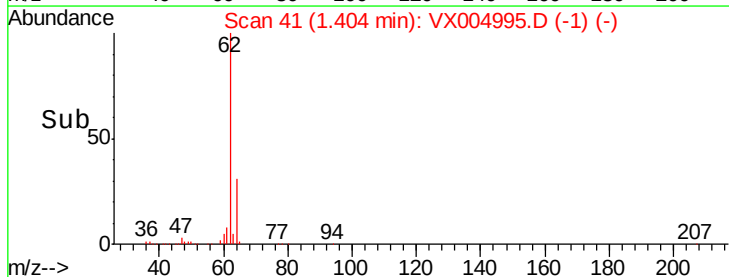


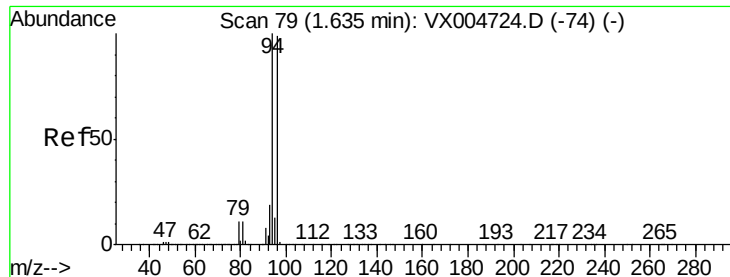
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 49.643 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 130467

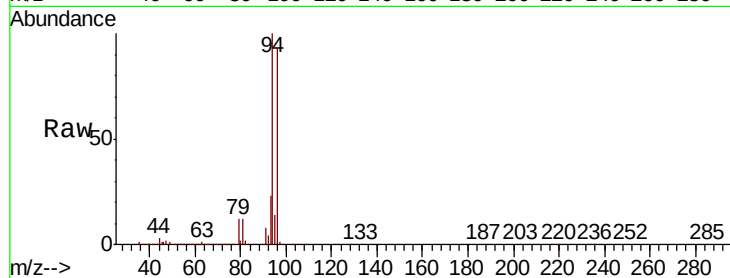
Ion Ratio Lower Upper

94 100

96 92.7 79.5 119.3

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

150000

100000

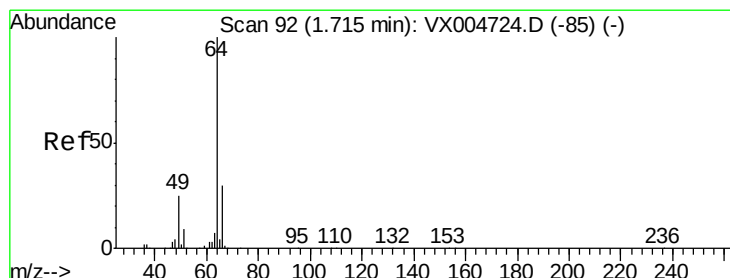
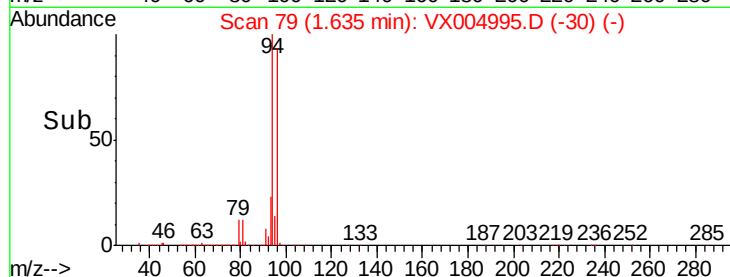
50000

0

1.64

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 52.519 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX004995.D

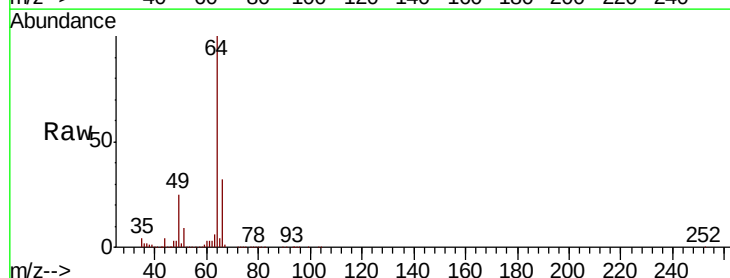
Acq: 04 Oct 2018 03:21

Tgt Ion: 64 Resp: 126567

Ion Ratio Lower Upper

64 100

66 32.3 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

100000

80000

60000

40000

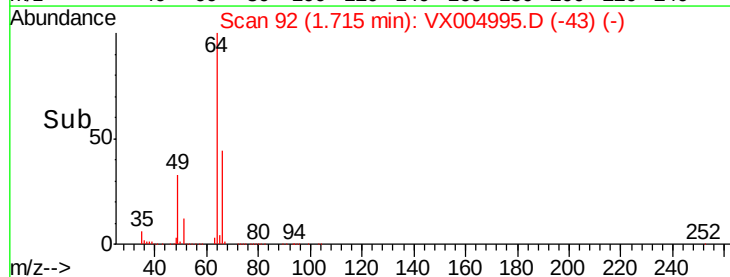
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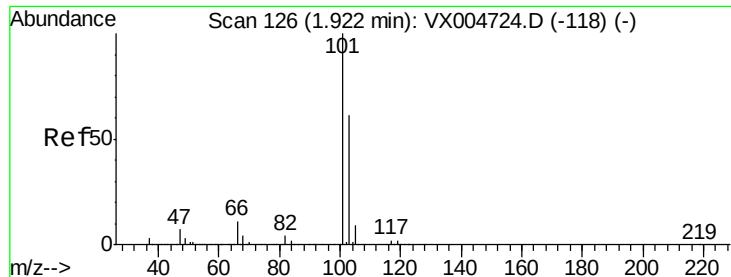
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1.71

1.60 1.70 1.80 1.90

Time-->





#7

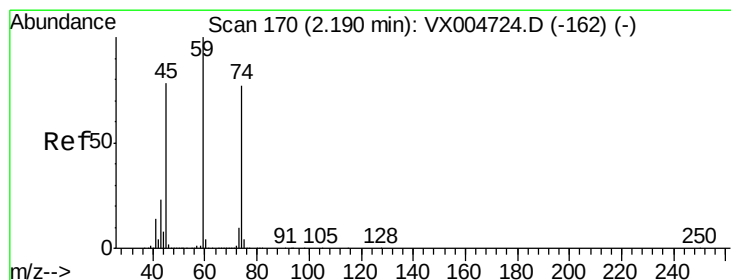
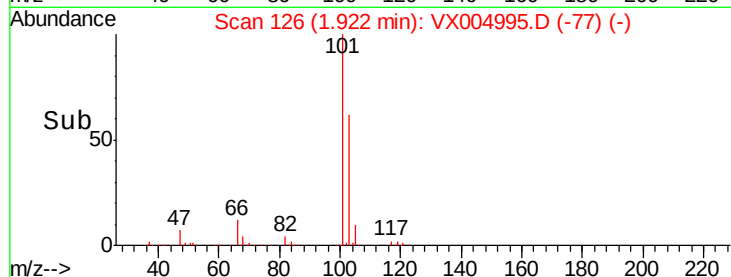
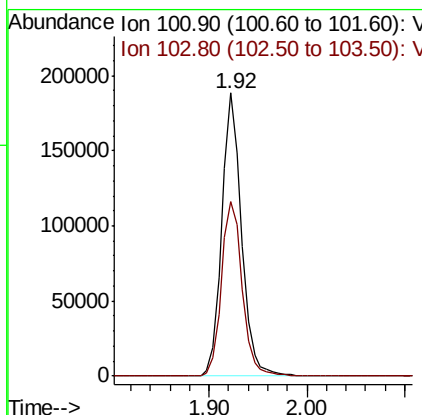
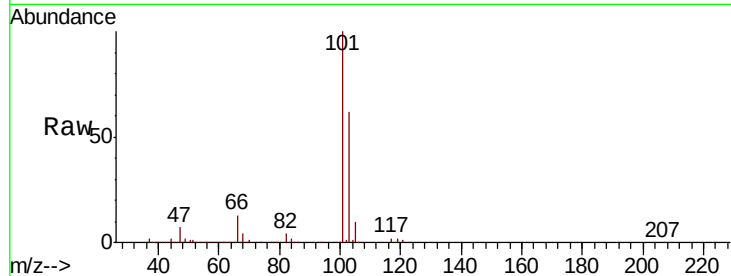
Trichlorofluoromethane
Concen: 48.106 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	48.4	72.6

Manual Integrations
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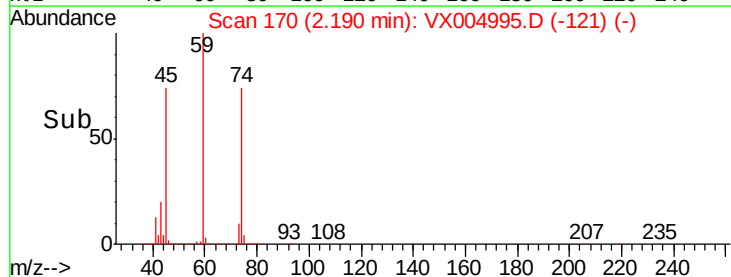
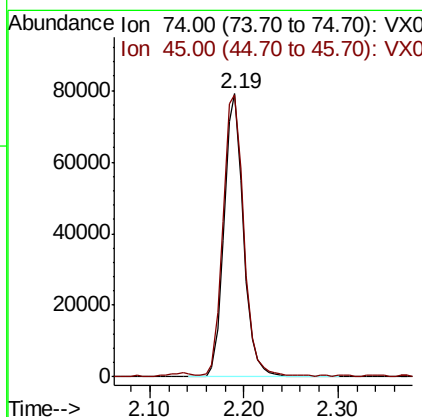
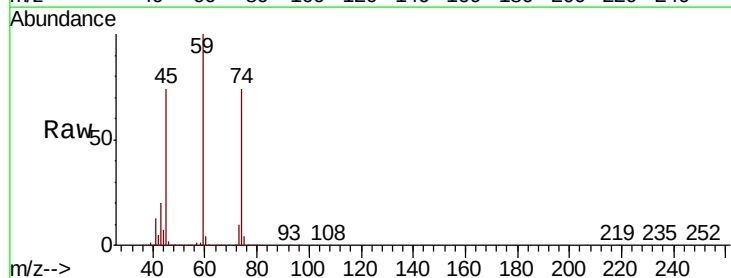
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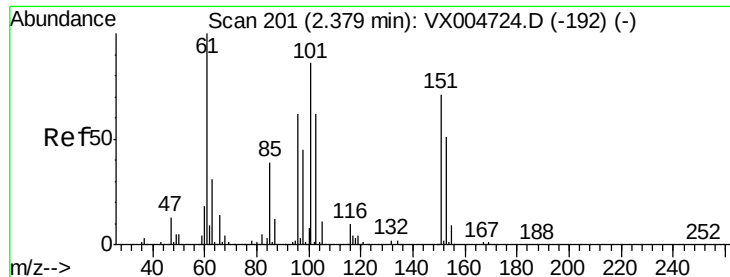


#8

Diethyl Ether
Concen: 47.249 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.8	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.713 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

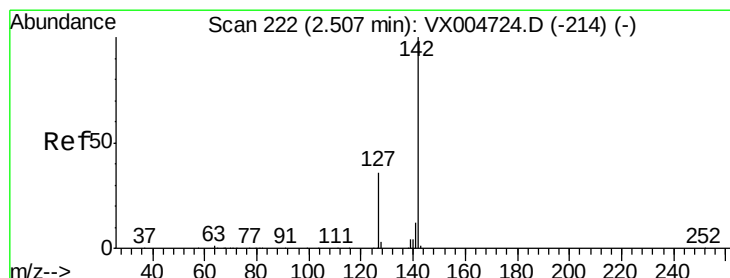
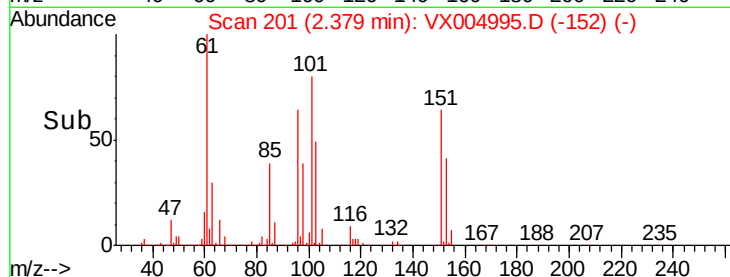
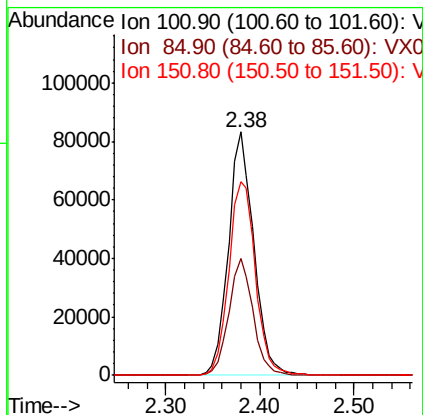
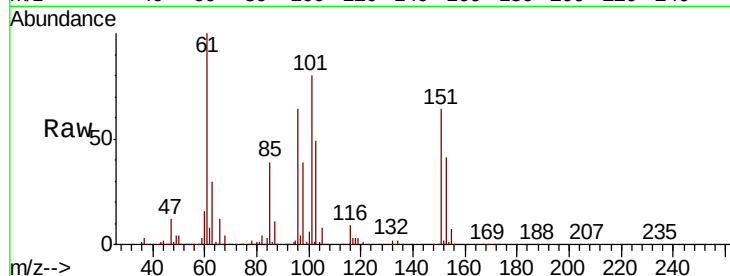
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	155375
Ion Ratio	Lower	Upper	
101	100		
85	46.2	35.9	53.9
151	83.7	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 45.750 ug/l

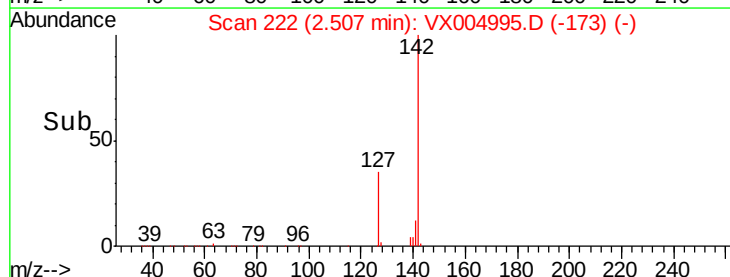
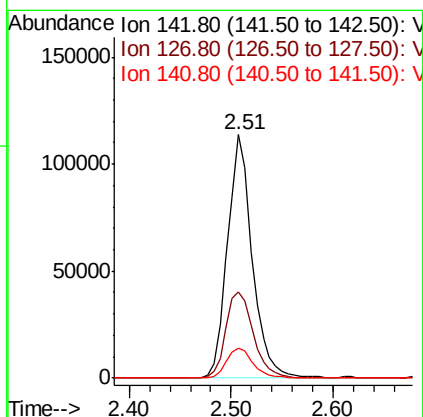
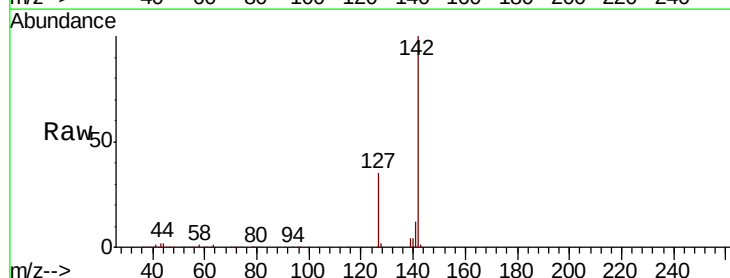
RT: 2.51 min Scan# 222

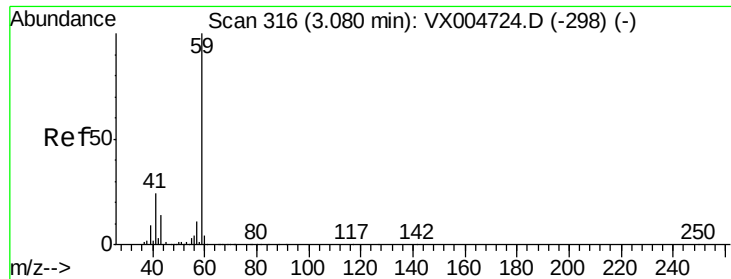
Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Tgt Ion:	142	Resp:	191340
Ion Ratio	Lower	Upper	
142	100		
127	39.4	30.1	45.1
141	13.4	10.1	15.1





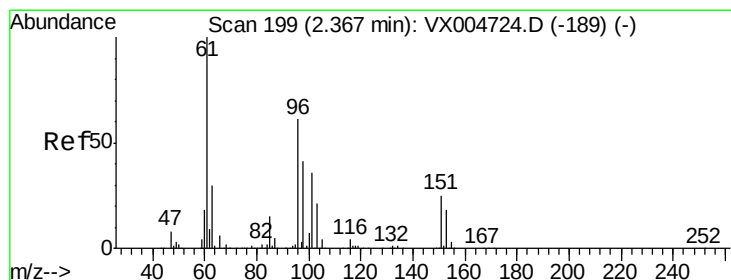
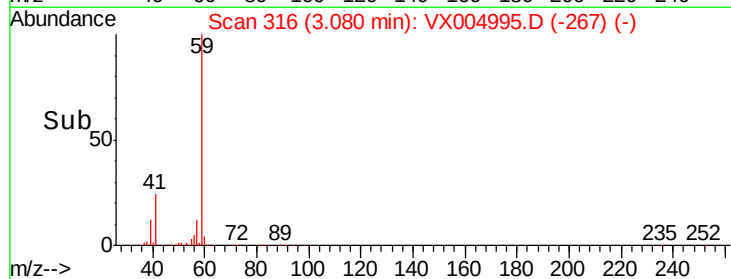
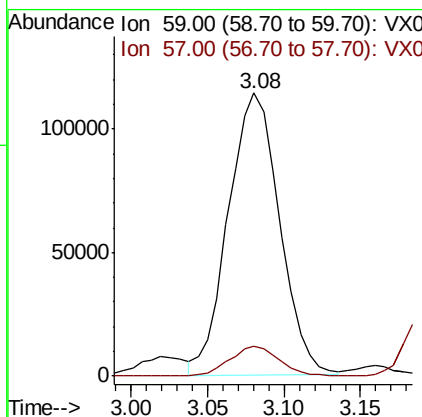
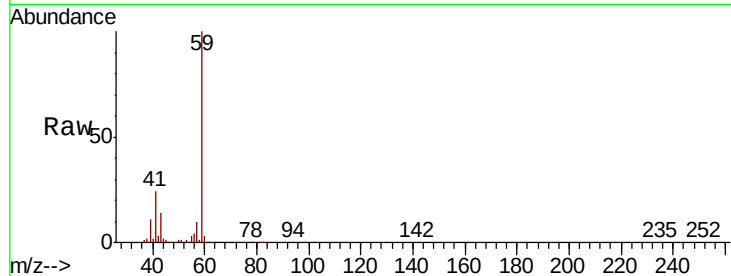
#11
Tert butyl alcohol
Concen: 232.916 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.6	12.8

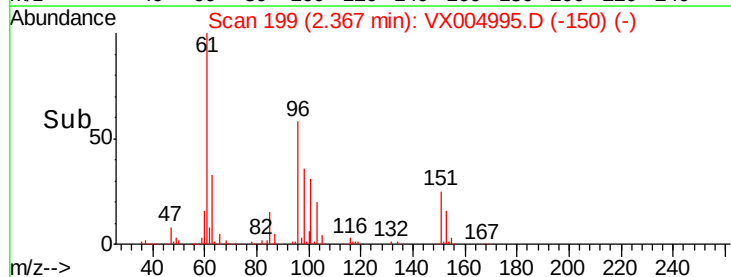
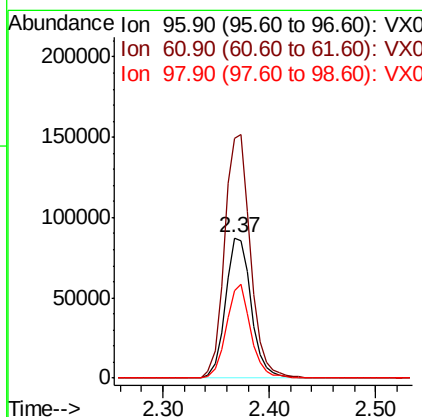
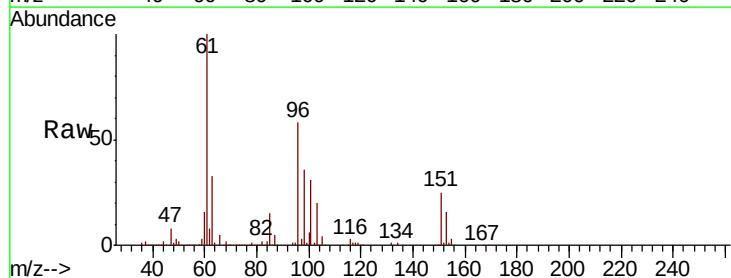
Manual Integrations
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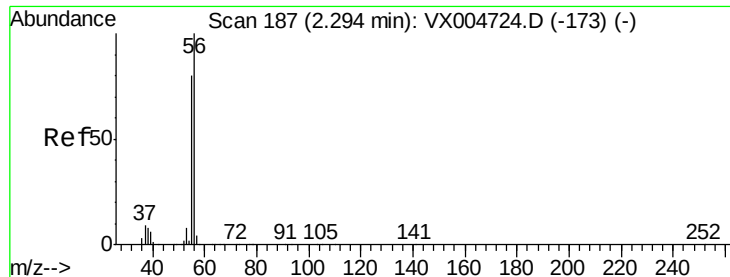
MMDadoda
10/5/2018 3:24:47 PM



#12
1,1-Dichloroethene
Concen: 47.907 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.0	130.2	195.4
98	61.9	53.4	80.0





#13

Acrolein

Concen: 133.920 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 108717

Ion Ratio Lower Upper

56 100

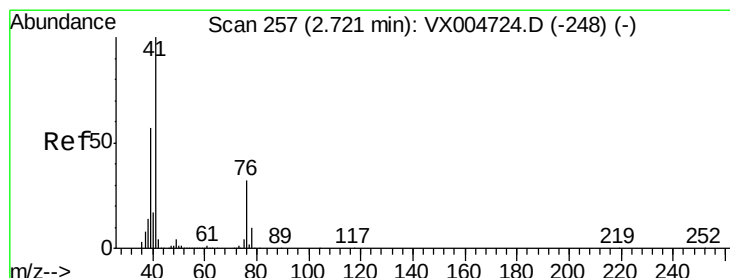
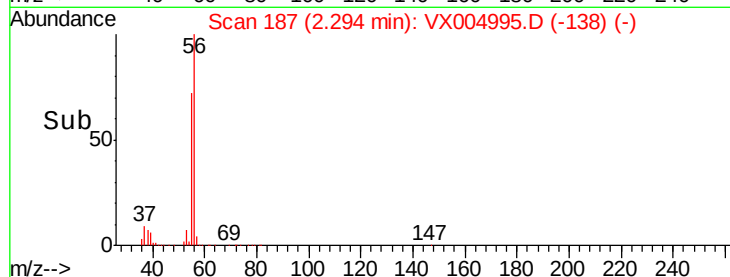
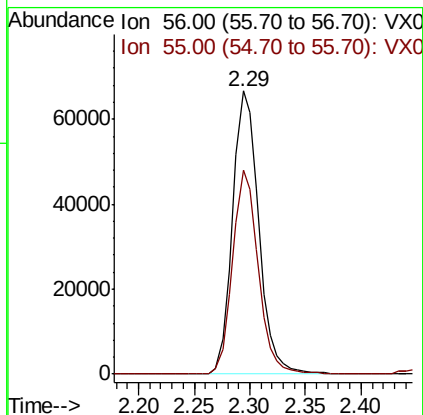
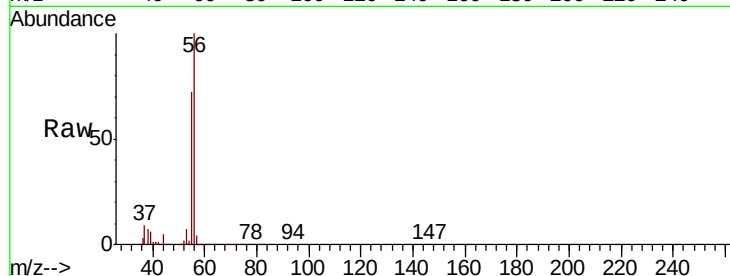
55 70.7 63.4 95.2

Manual Integrations

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#14

Allyl chloride

Concen: 47.028 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

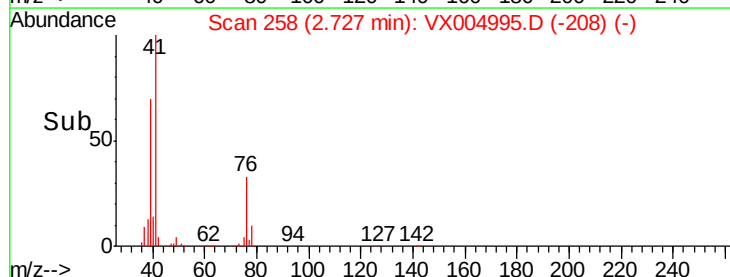
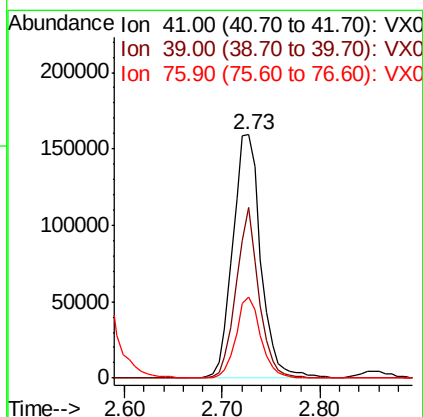
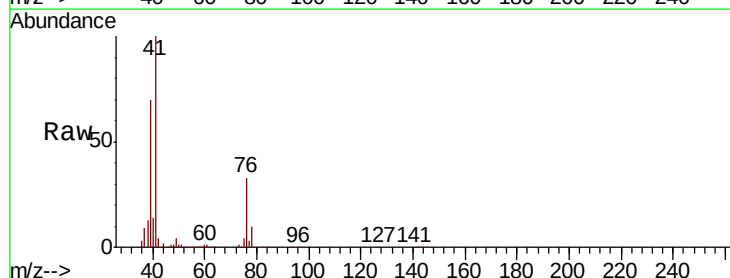
Tgt Ion: 41 Resp: 317604

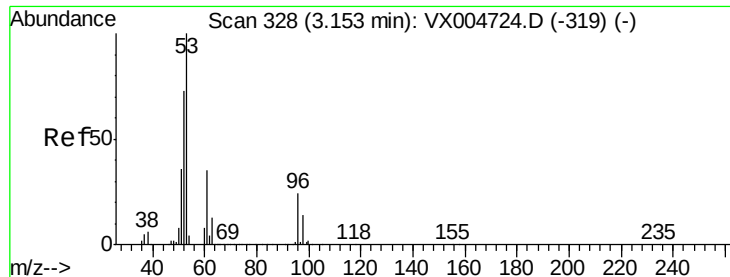
Ion Ratio Lower Upper

41 100

39 56.5 44.1 66.1

76 29.3 25.0 37.4





#15

Acrylonitrile

Concen: 248.217 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

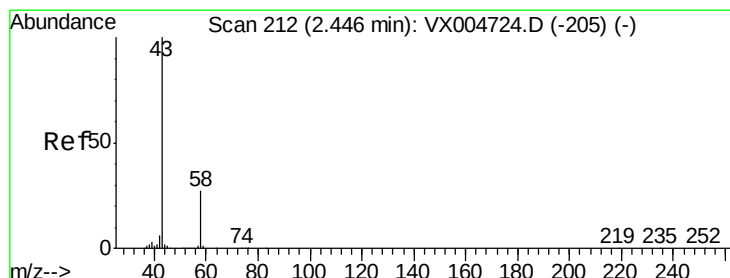
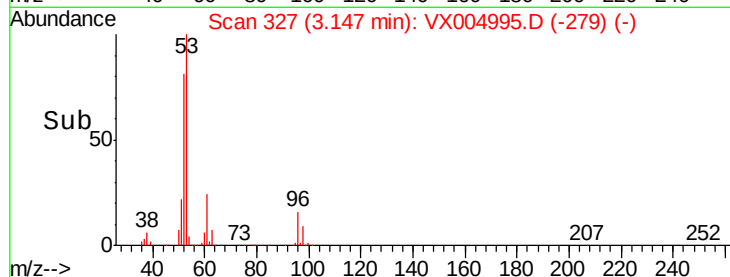
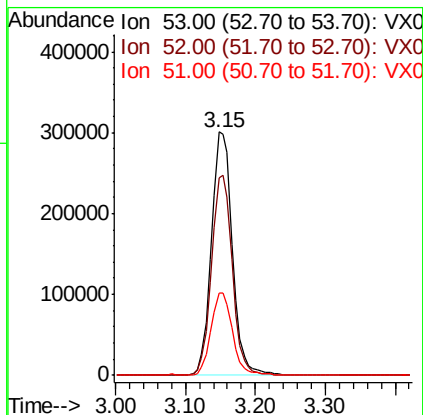
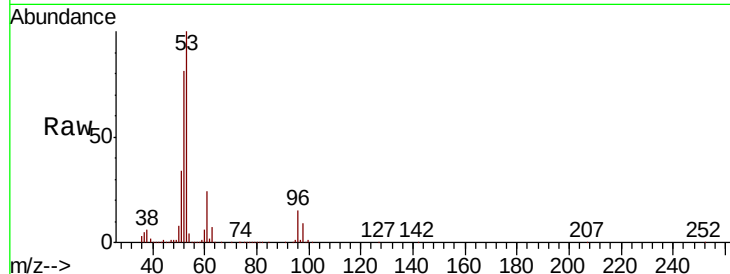
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	623458
Ion	Ratio	Lower	Upper
53	100		
52	81.7	63.0	94.4
51	34.8	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 226.005 ug/l

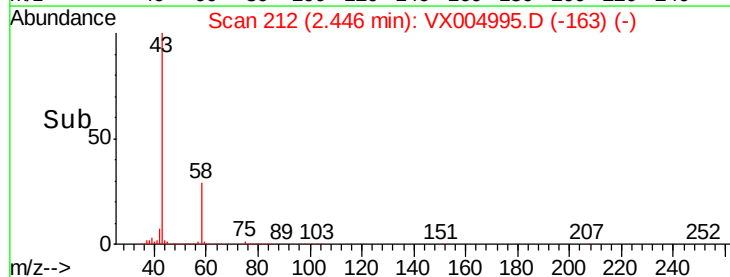
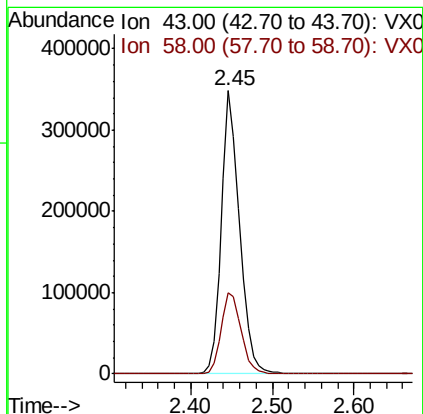
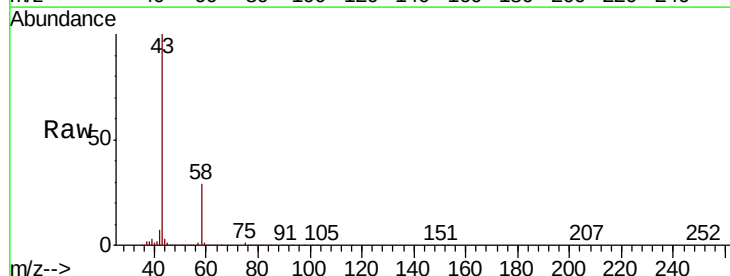
RT: 2.45 min Scan# 212

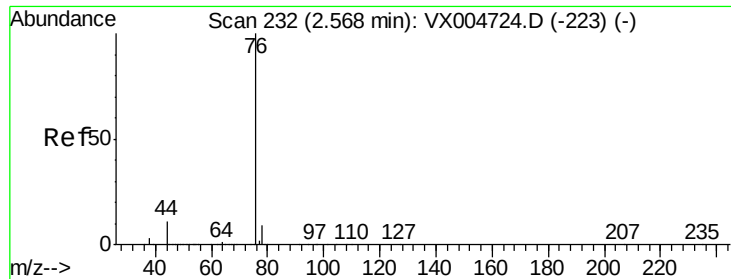
Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Tgt Ion:	43	Resp:	538426
Ion	Ratio	Lower	Upper
43	100		
58	28.6	21.8	32.6





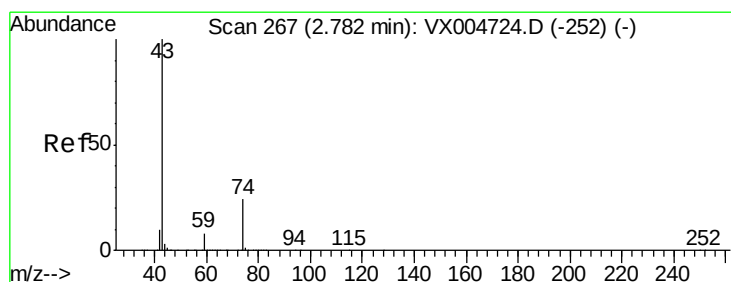
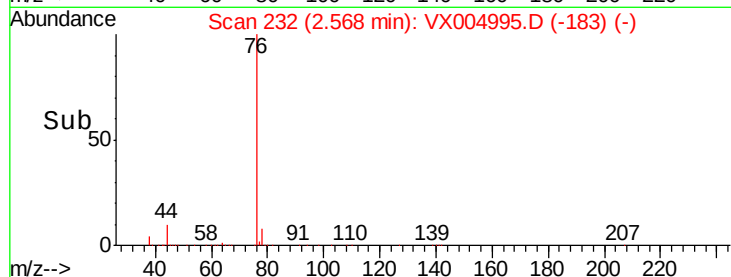
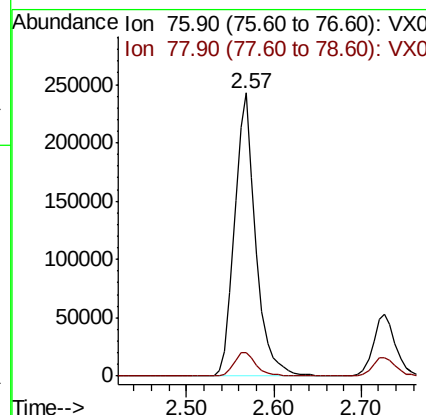
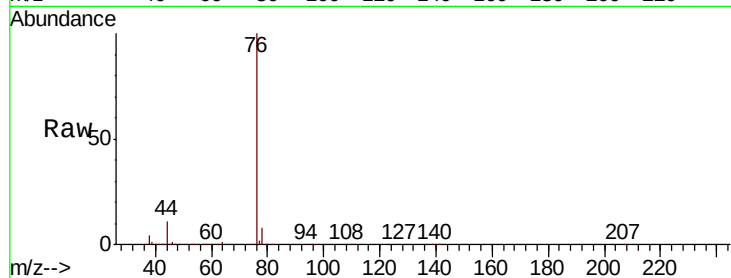
#17
Carbon Disulfide
Concen: 43.774 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.0	10.6

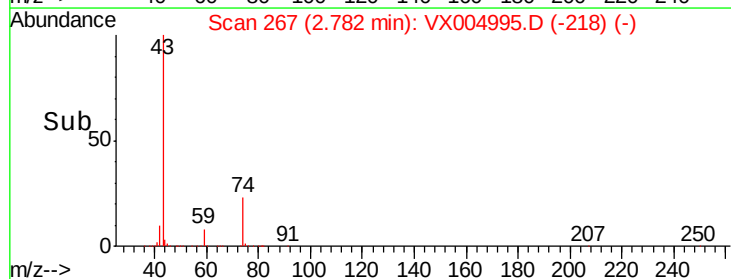
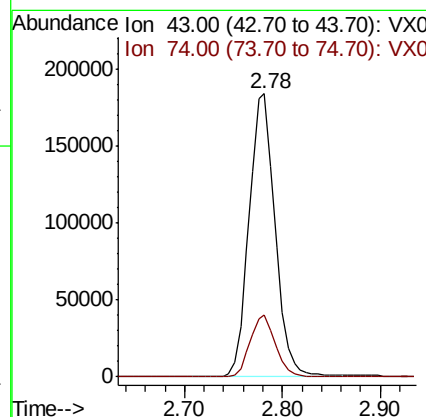
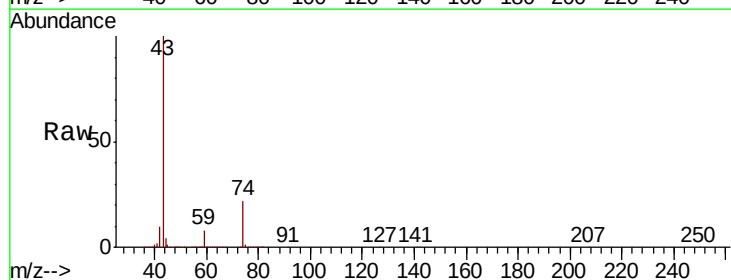
Manual Integrations
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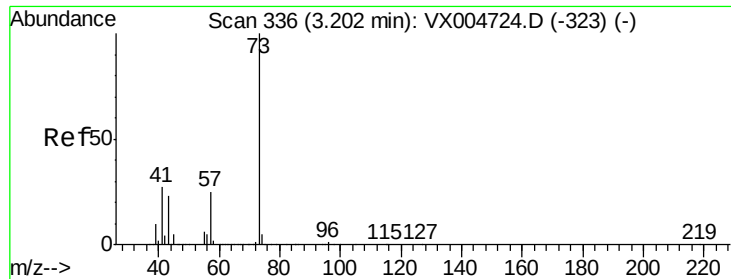
MMDadoda
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#18
Methyl Acetate
Concen: 56.032 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	17.8	26.8





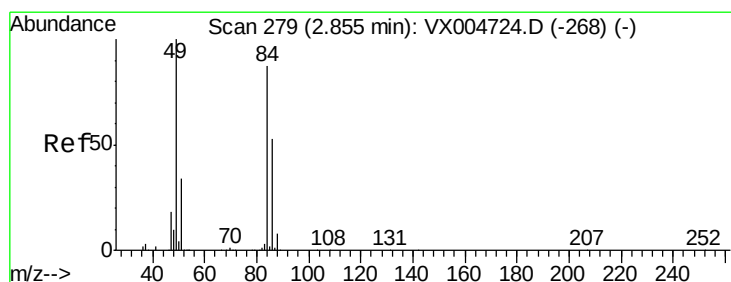
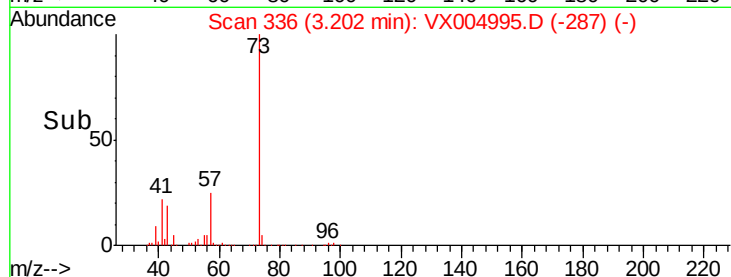
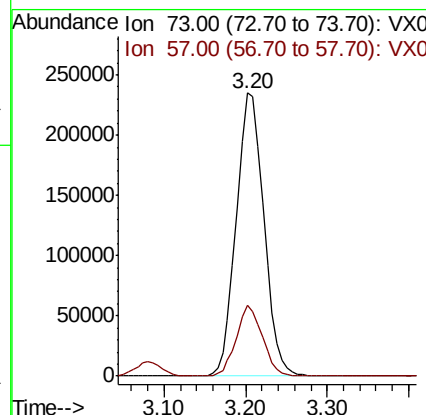
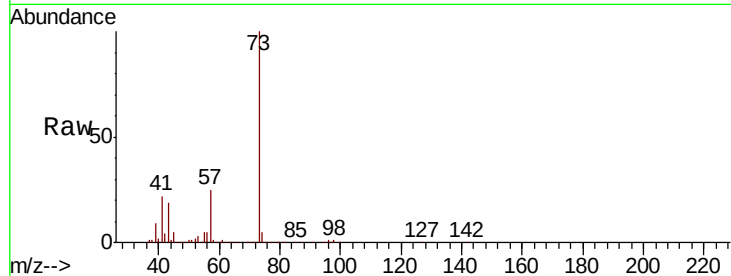
#19
Methyl tert-butyl Ether
Concen: 51.493 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	25.0	19.9	29.9

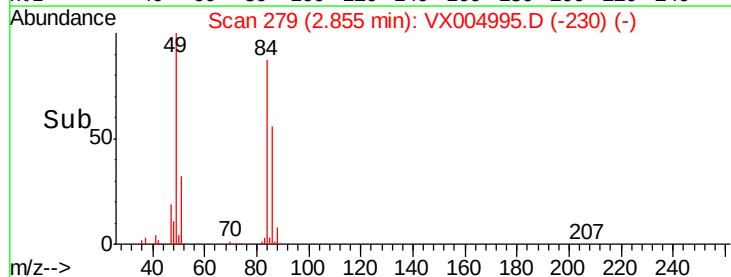
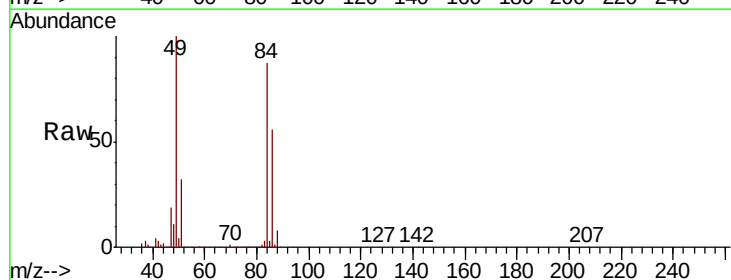
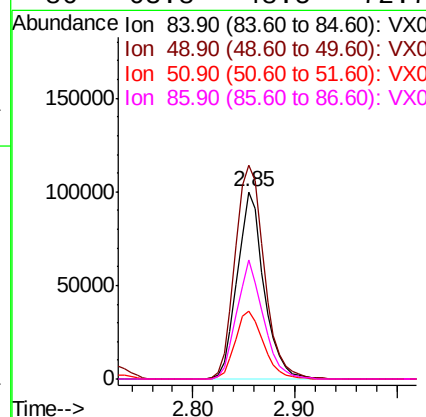
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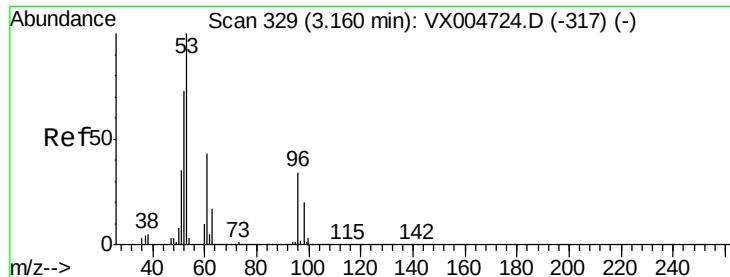
MMDadoda
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#20
Methylene Chloride
Concen: 52.165 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.2	92.3	138.5
51	36.4	31.8	47.6
86	63.8	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 46.880 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

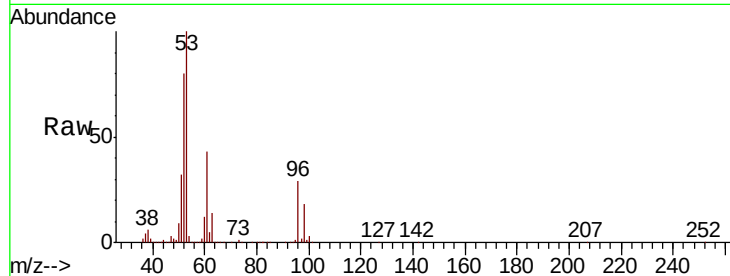
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	158843
Ion	Ratio	Lower	Upper
96	100		
61	145.0	101.0	151.6
98	61.2	47.2	70.8

Manual Integrations
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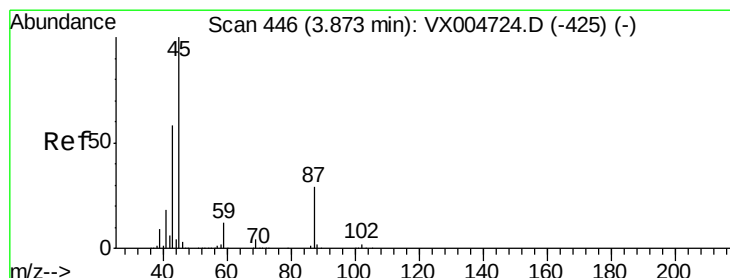
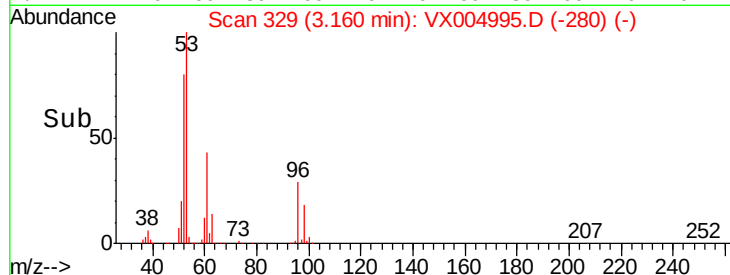
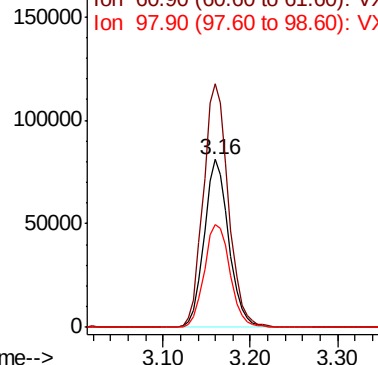


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.477 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Tgt Ion:	45	Resp:	585411
Ion	Ratio	Lower	Upper
45	100		
43	59.5	46.7	70.1
87	26.9	22.9	34.3
59	11.6	9.3	13.9

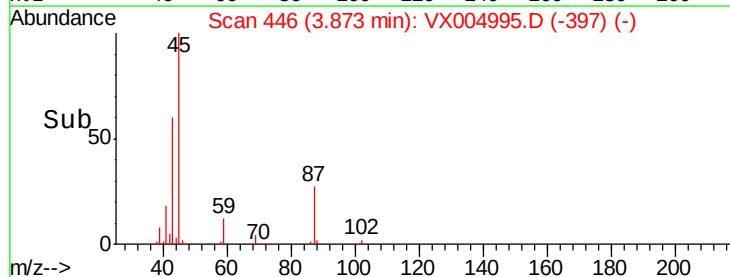
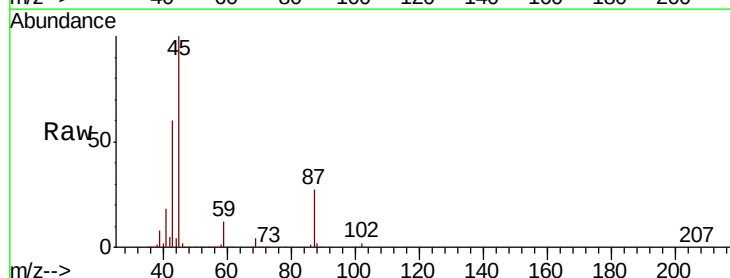
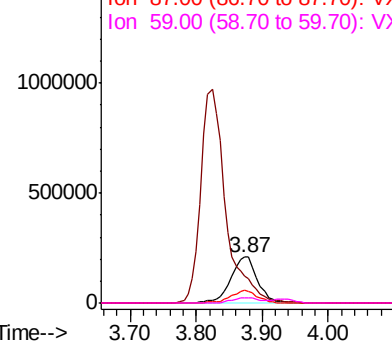
Abundance

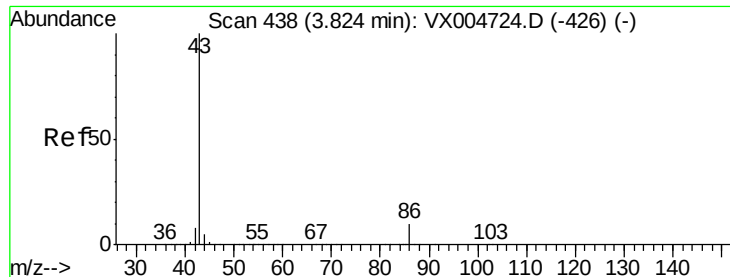
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 246.228 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2563159

Ion Ratio Lower Upper

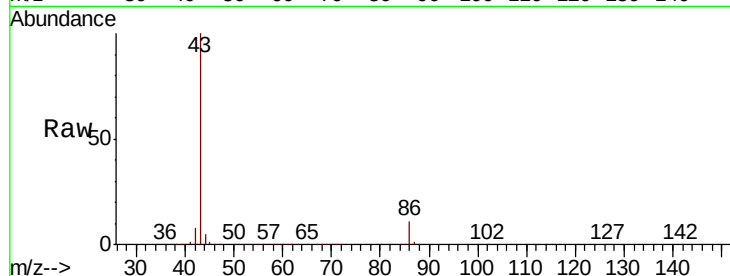
43 100

86 11.5 8.1 12.1

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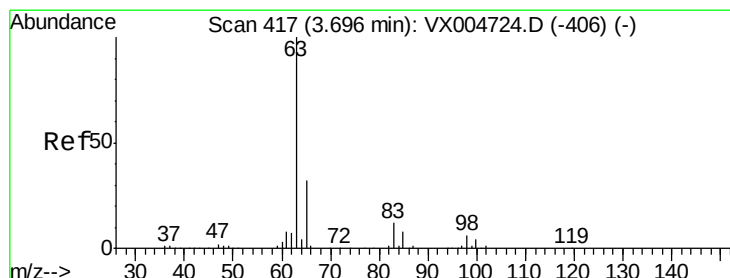
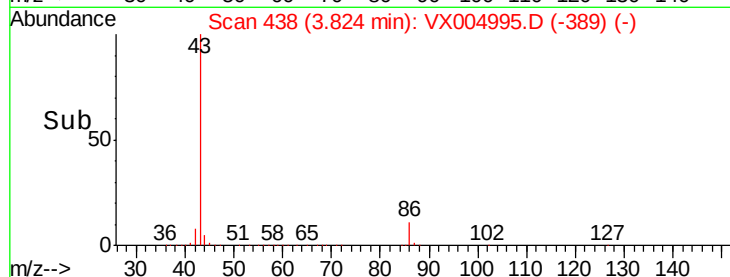
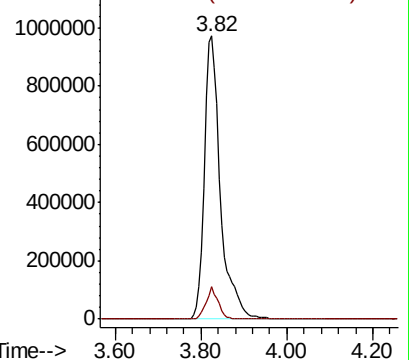
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.168 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

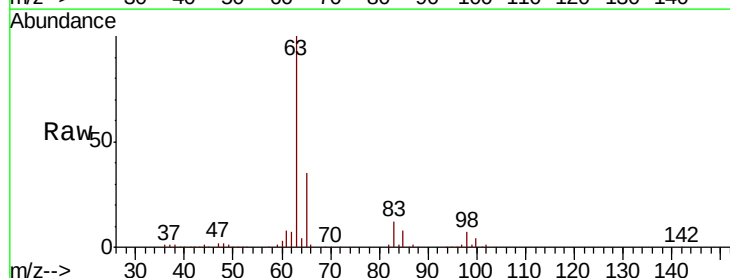
Tgt Ion: 63 Resp: 319977

Ion Ratio Lower Upper

63 100

98 6.8 3.0 9.2

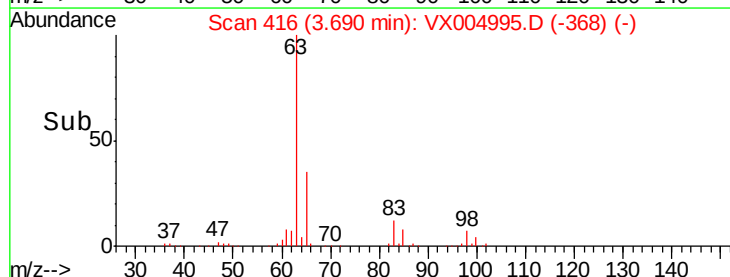
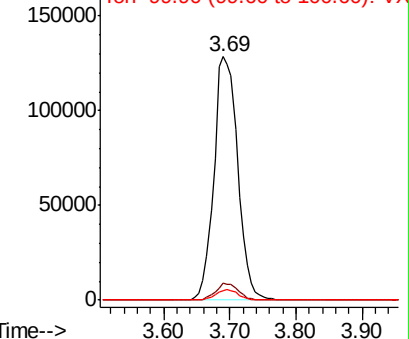
100 3.9 2.0 5.8

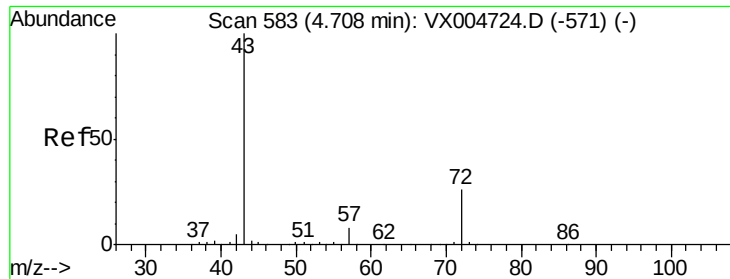


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 237.030 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 832371

Ion Ratio Lower Upper

43 100

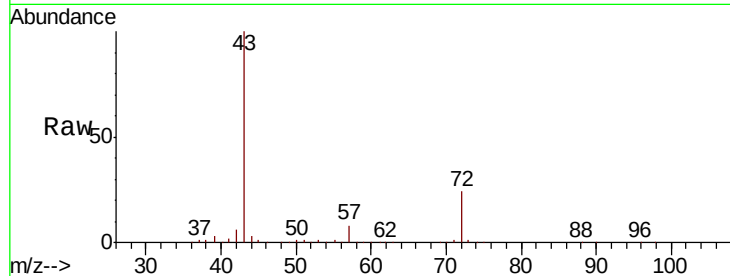
72 23.9 20.8 31.2

Manual Integrations

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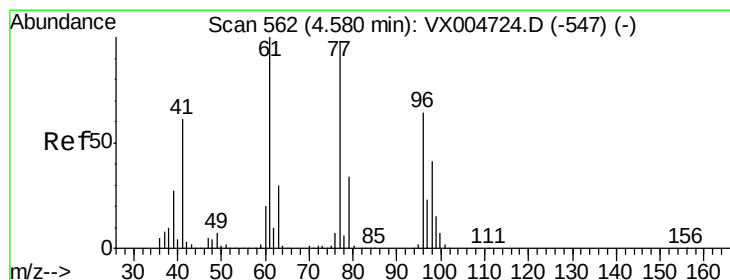
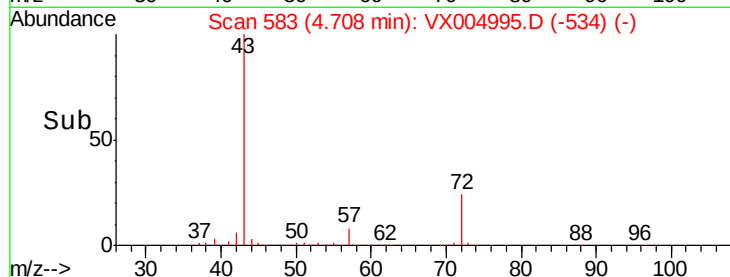
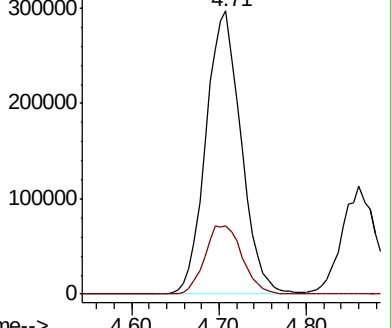
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 33.854 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX004995.D

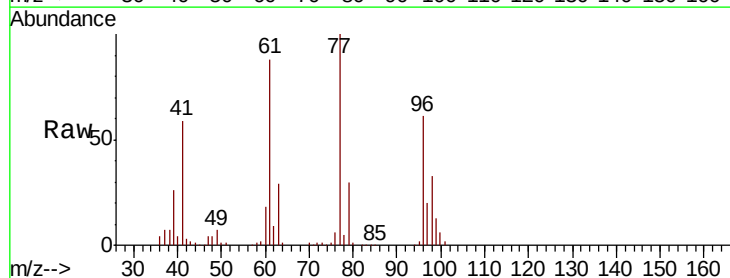
Acq: 04 Oct 2018 03:21

Tgt Ion: 77 Resp: 159922

Ion Ratio Lower Upper

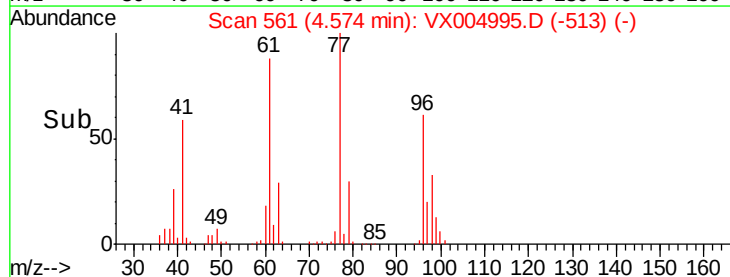
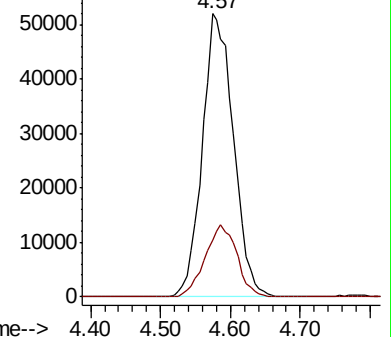
77 100

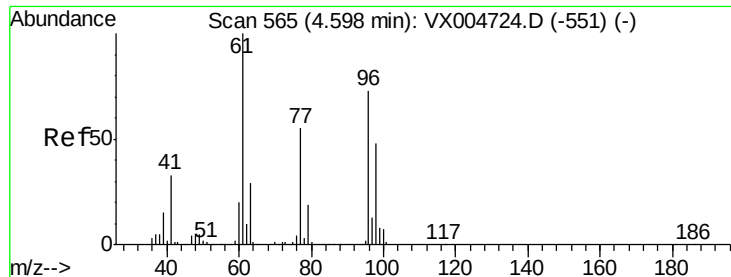
97 26.0 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

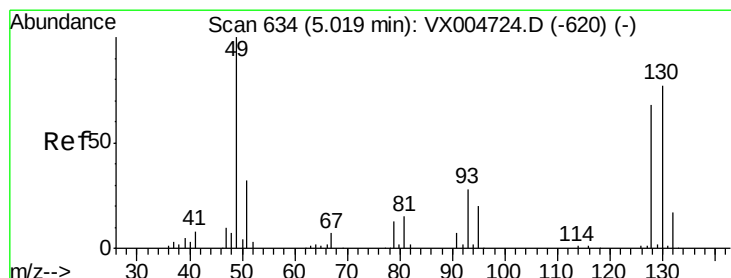
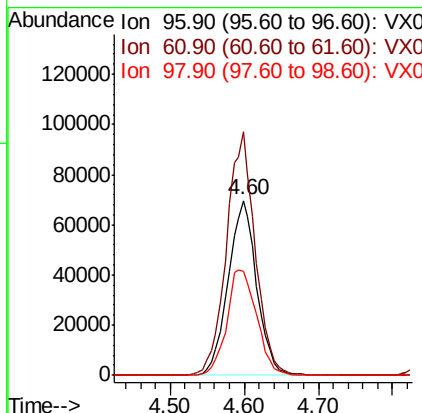
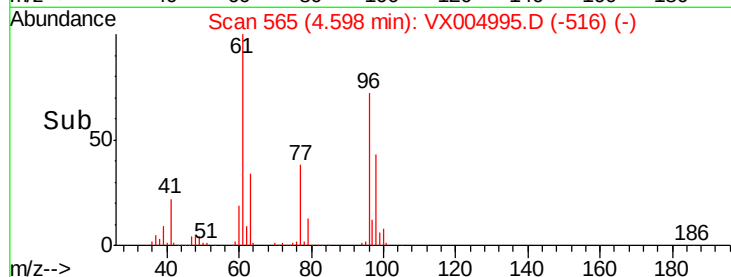
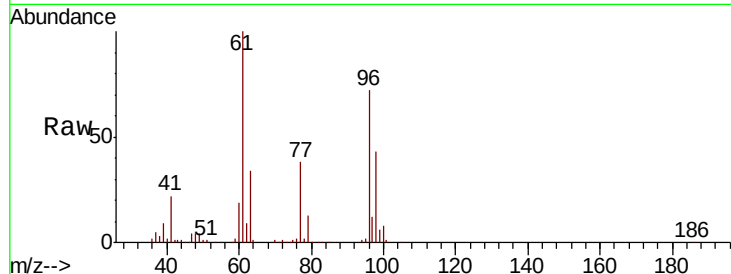
cis-1,2-Dichloroethene
Concen: 49.310 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	186647		
61	139.4	0.0	285.8	
98	63.2	0.0	136.2	

Manual Integrations
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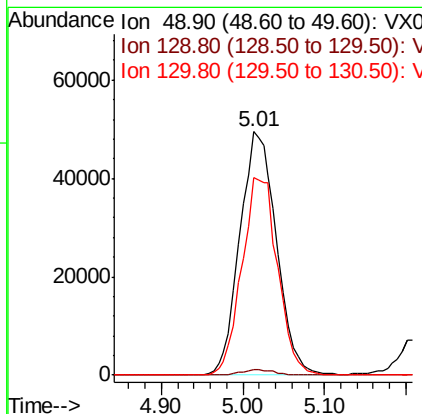
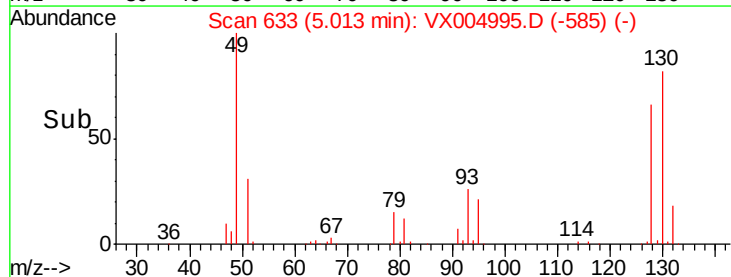
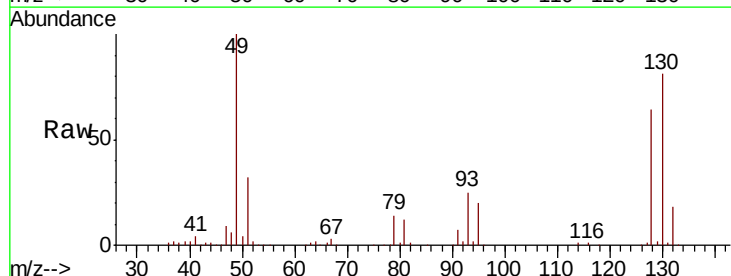
MMDadoda
10/5/2018 3:24:47 PM

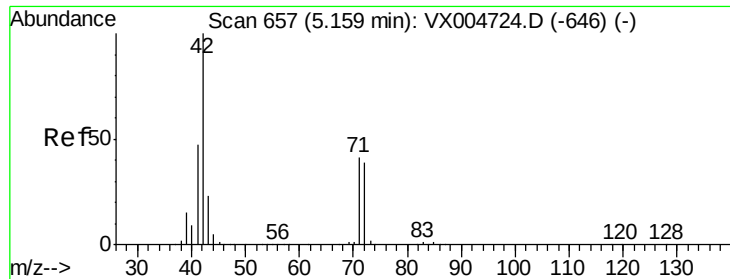


#28

Bromochloromethane
Concen: 48.347 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	154444		
129	2.1	0.0	4.2	
130	79.5	62.0	93.0	





#29

Tetrahydrofuran

Concen: 249.973 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

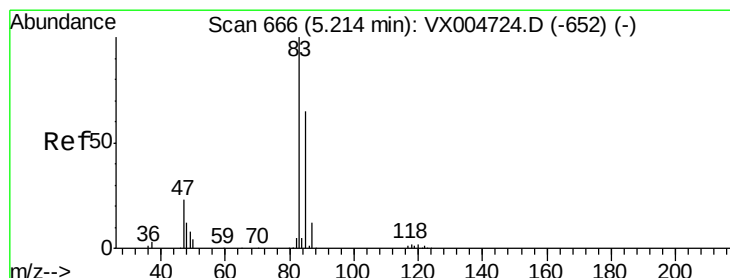
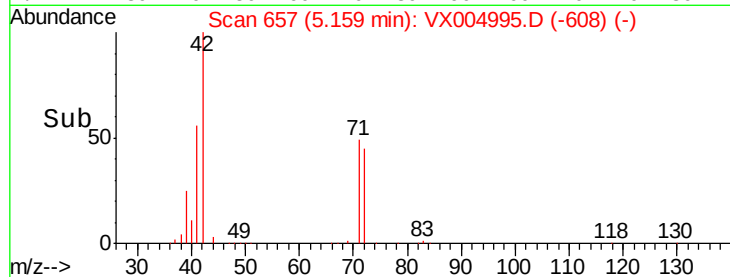
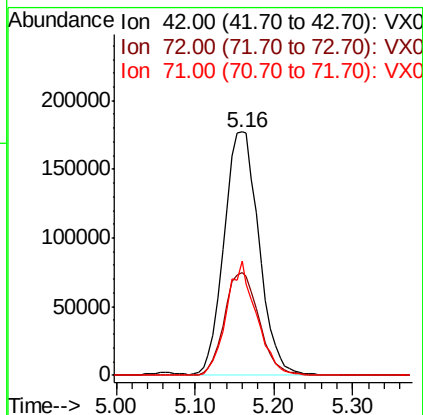
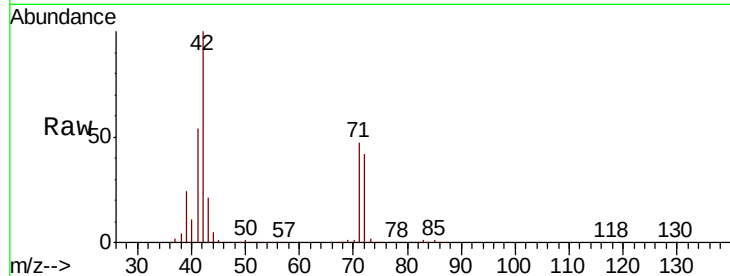
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	545598
Ion Ratio		Lower	Upper
42	100		
72	42.2	33.7	50.5
71	40.4	32.2	48.4

Manual Integrations
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#30

Chloroform

Concen: 46.784 ug/l

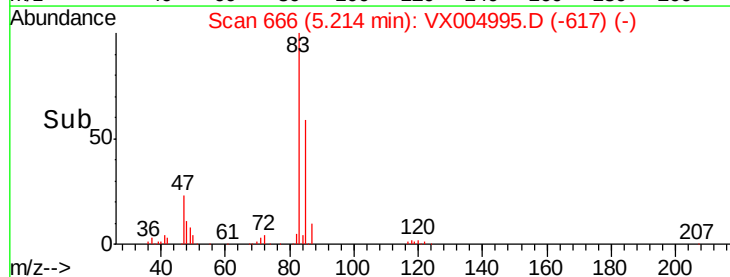
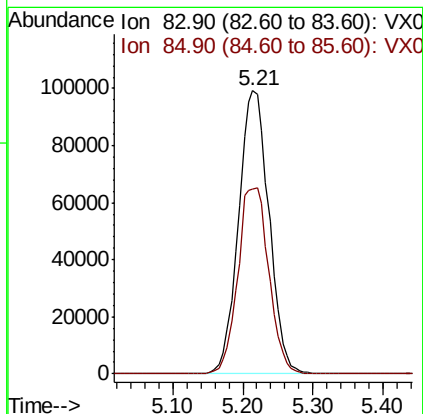
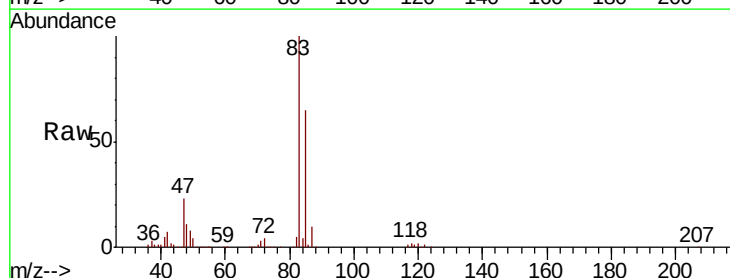
RT: 5.21 min Scan# 666

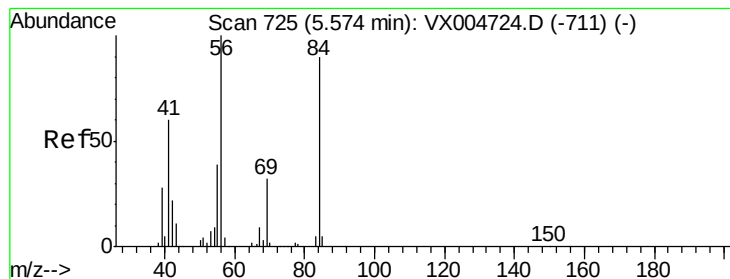
Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Tgt Ion:	83	Resp:	299945
Ion Ratio		Lower	Upper
83	100		
85	65.1	52.4	78.6





#31

Cyclohexane

Concen: 51.130 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

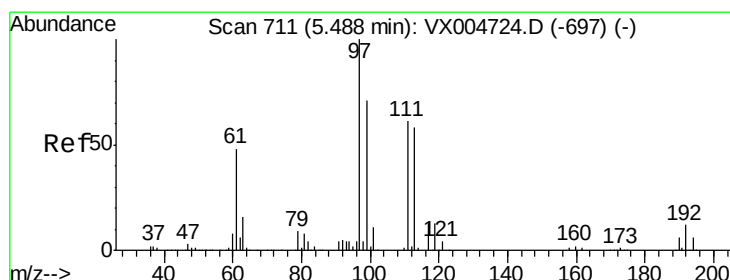
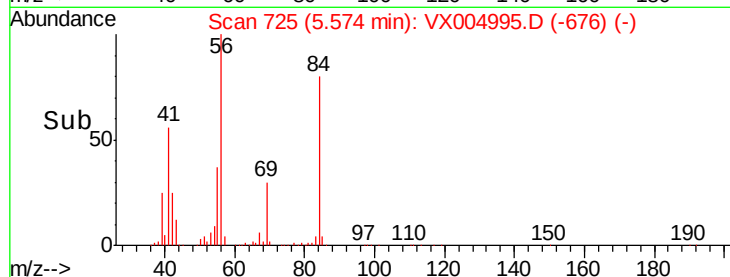
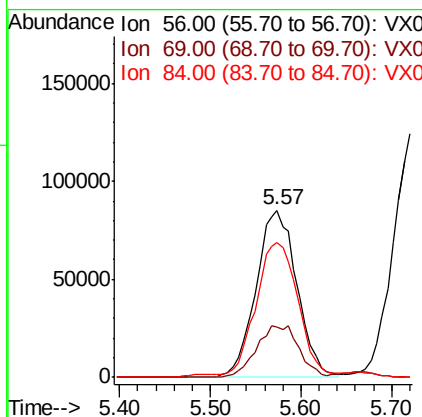
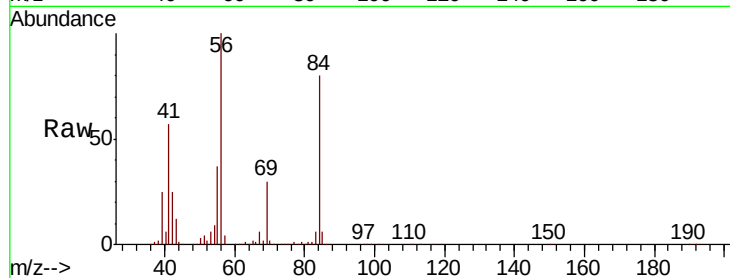
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	265469
Ion	Ratio	Lower	Upper
56	100		
69	30.0	25.9	38.9
84	79.6	71.9	107.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.969 ug/l

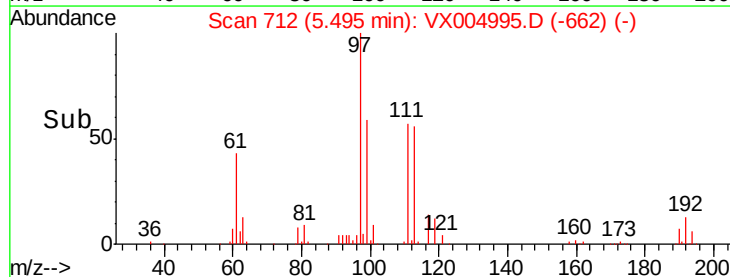
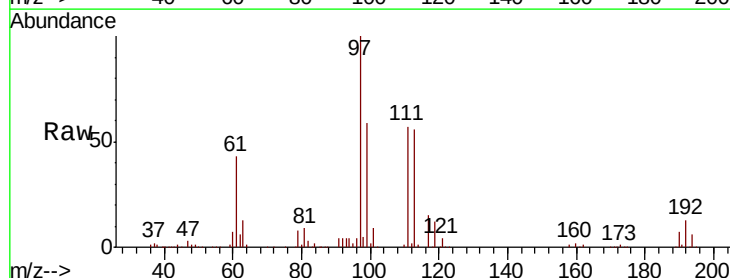
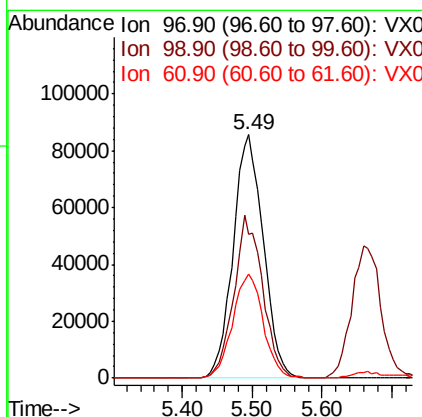
RT: 5.49 min Scan# 712

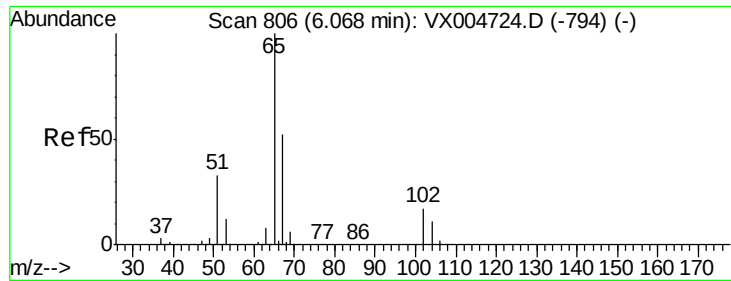
Delta R.T. 0.01 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Tgt Ion:	97	Resp:	256397
Ion	Ratio	Lower	Upper
97	100		
99	63.7	54.6	82.0
61	43.4	37.5	56.3





#33

1,2-Dichloroethane-d4

Concen: 44.113 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 180009

Ion Ratio Lower Upper

65 100

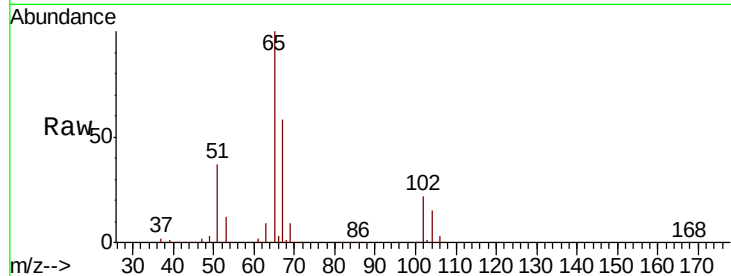
67 54.5 0.0 107.4

Manual Integrations

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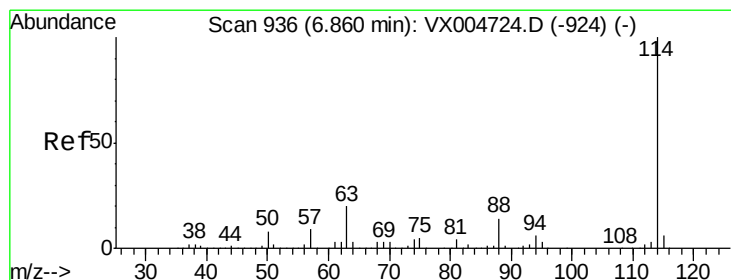
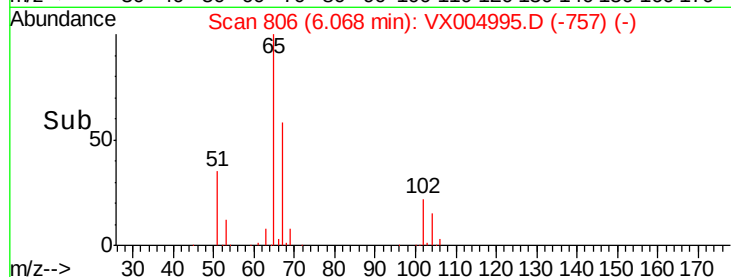
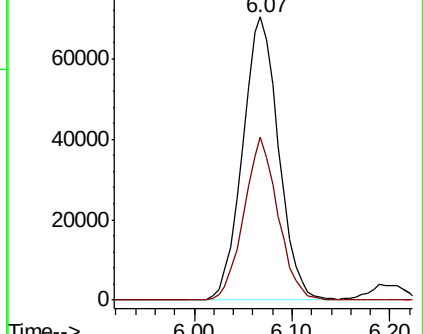
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

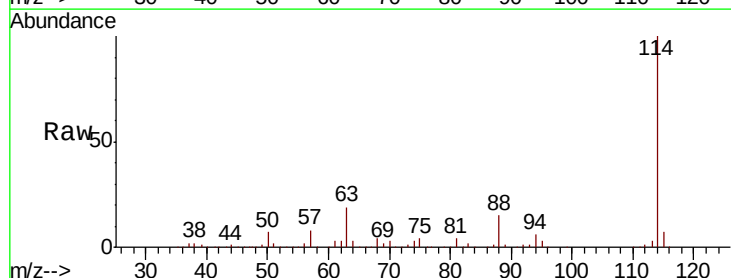
Tgt Ion: 114 Resp: 398137

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.8

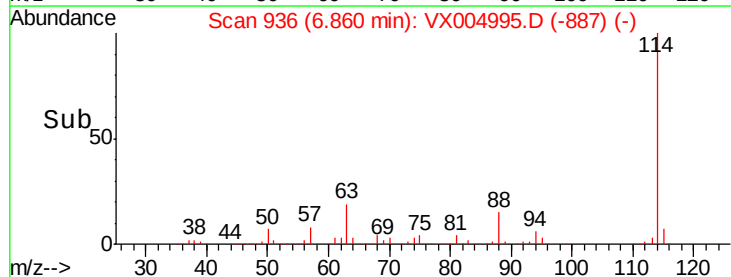
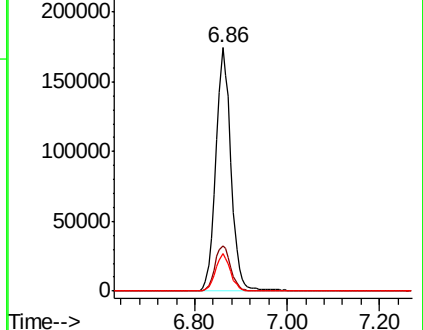
88 15.5 0.0 27.0

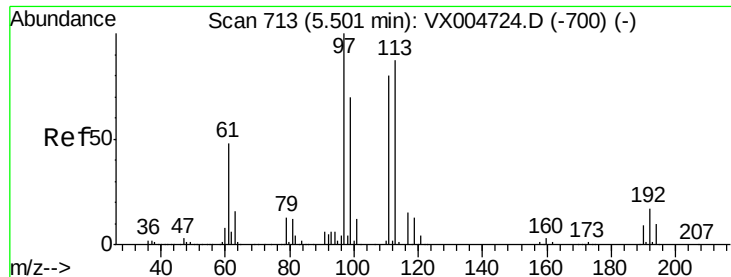


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.576 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

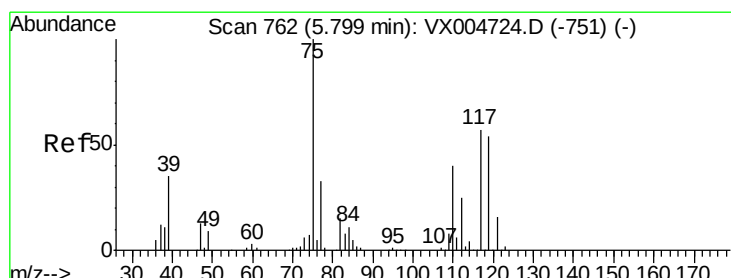
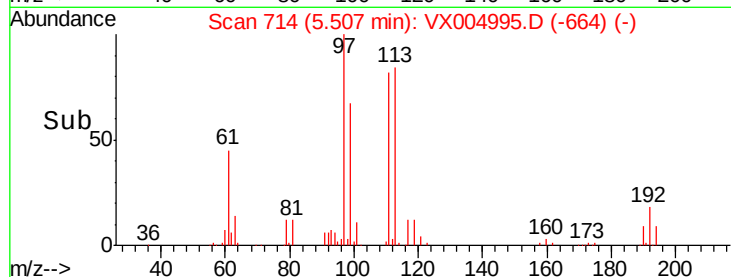
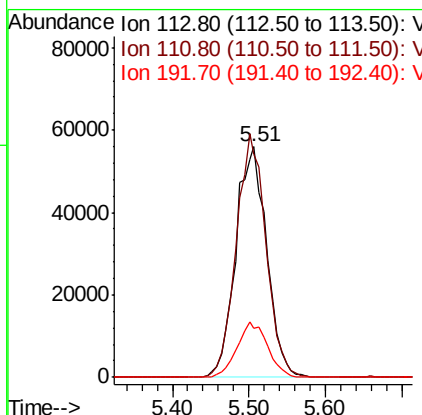
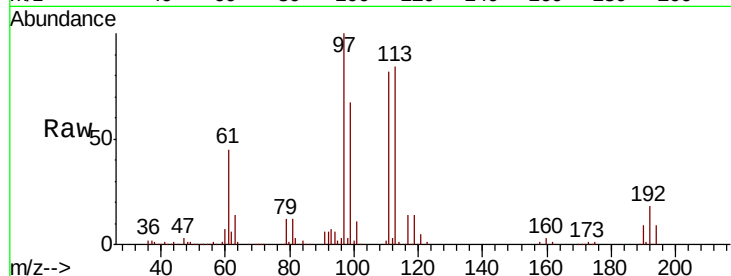
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	157159
Ion Ratio	Lower	Upper	
113	100		
111	101.4	77.0	115.4
192	23.7	17.0	25.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.674 ug/l

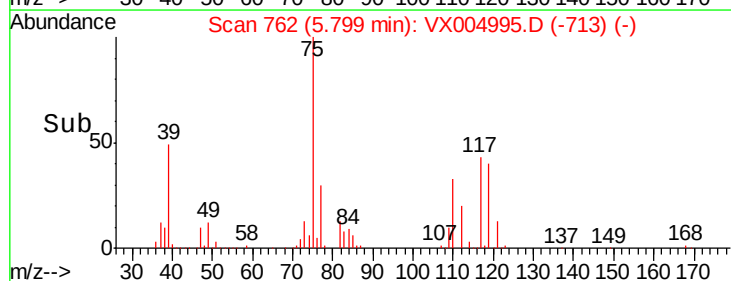
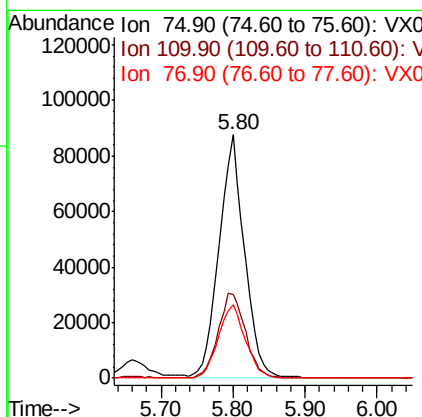
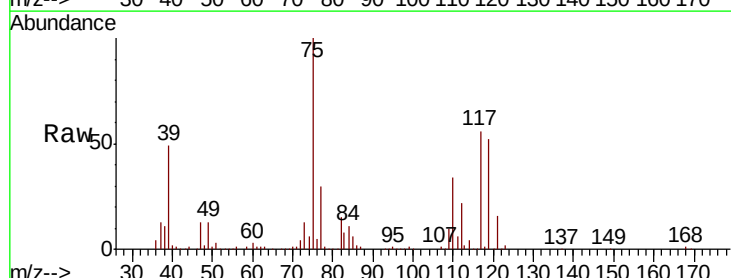
RT: 5.80 min Scan# 762

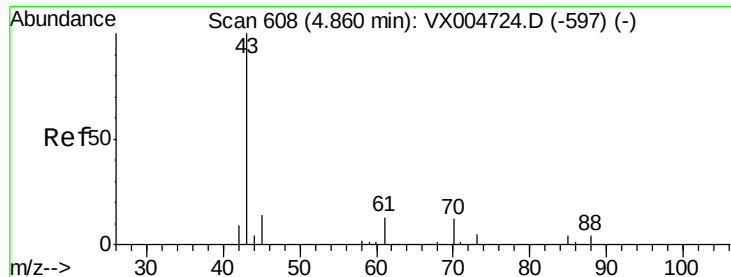
Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Tgt Ion:	75	Resp:	214873
Ion Ratio	Lower	Upper	
75	100		
110	37.4	20.0	59.9
77	32.5	27.1	40.7





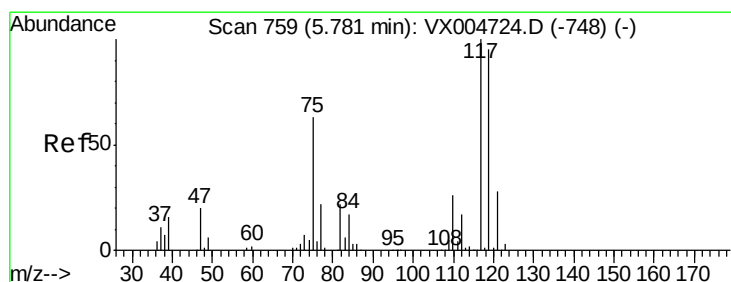
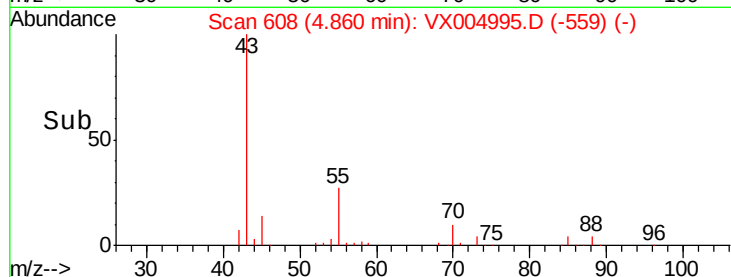
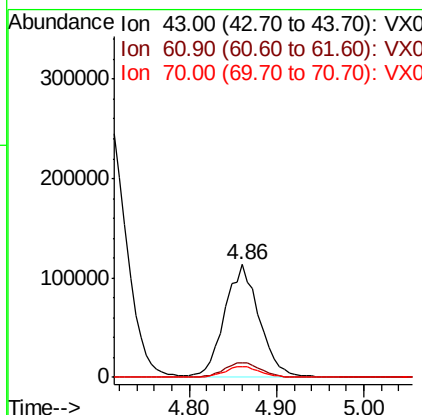
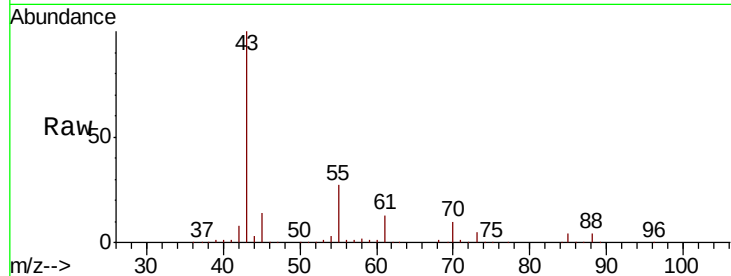
#37
Ethyl Acetate
Concen: 50.828 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	310612
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.4	15.6
70	10.2	8.7	13.1

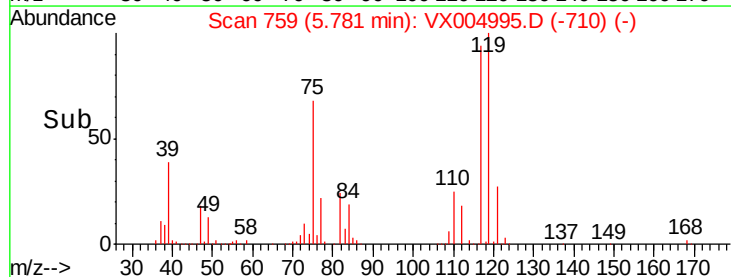
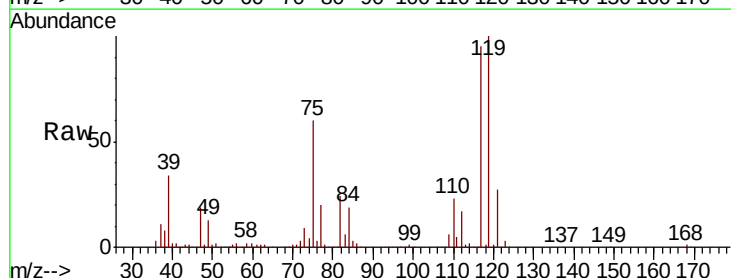
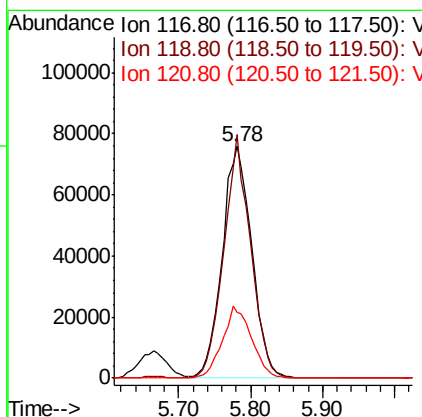
Manual Integrations
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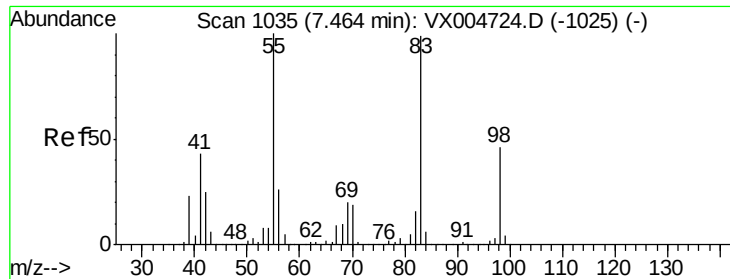
MMDadoda
10/5/2018 3:24:47 PM



#38
Carbon Tetrachloride
Concen: 44.708 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion:	117	Resp:	216356
Ion	Ratio	Lower	Upper
117	100		
119	105.1	75.2	112.8
121	28.6	22.5	33.7





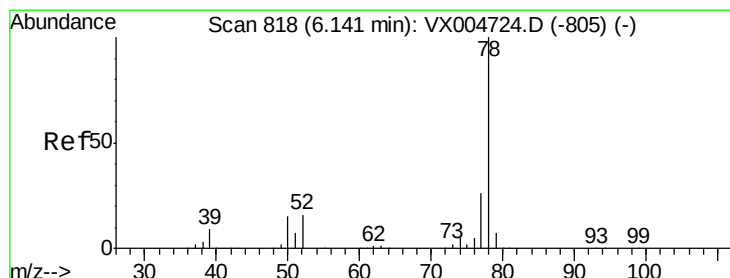
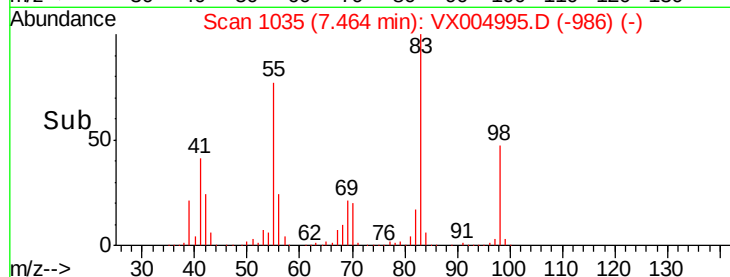
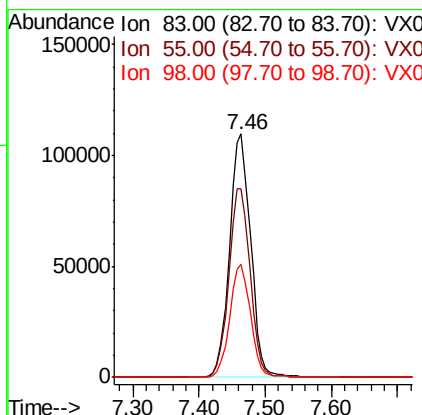
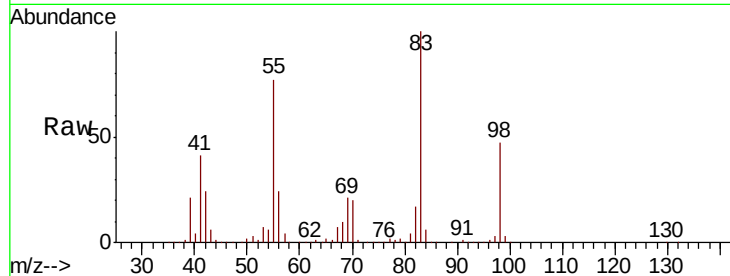
#39
Methylvlcyclohexane
Concen: 51.690 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	81.1	121.7#
98	46.5	37.3	55.9

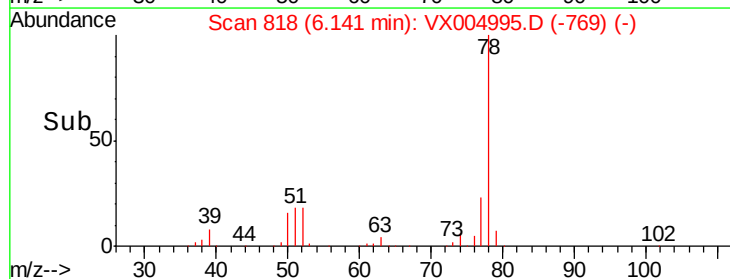
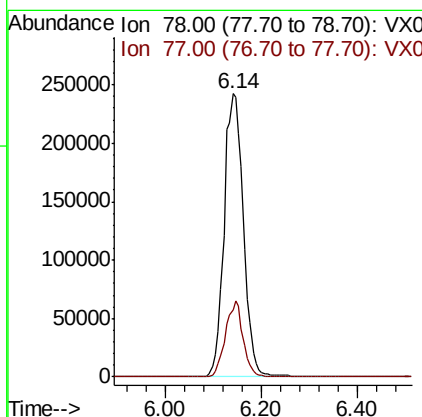
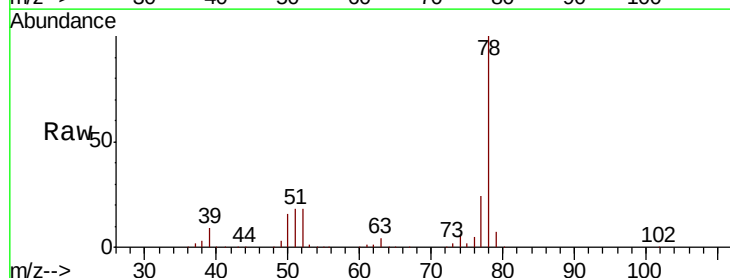
Manual Integrations
APPROVED

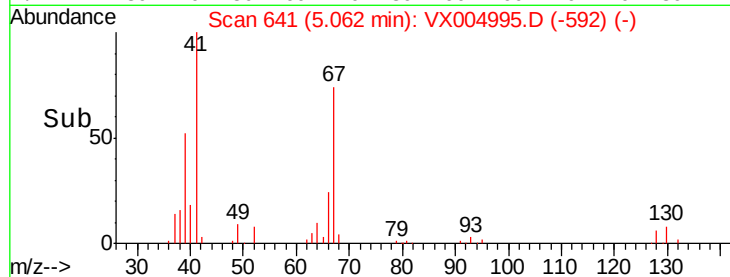
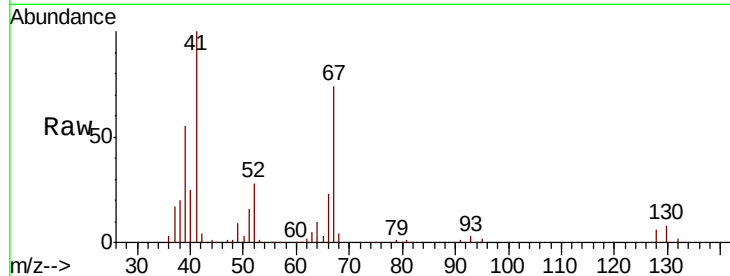
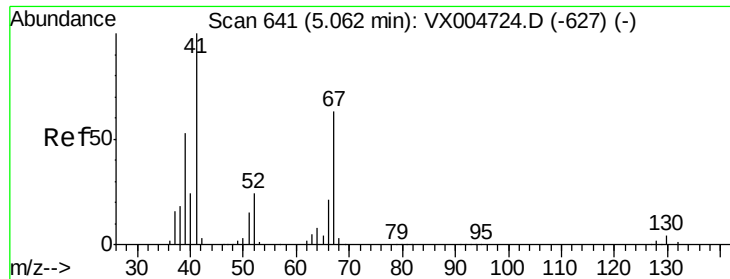
MMDadoda
10/5/2018 3:24:47 PM



#40
Benzene
Concen: 46.973 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	21.0	31.4





#41

Methacrylonitrile

Concen: 49.863 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.5	63.7
67	69.8	53.0	79.6
52	27.7	19.8	29.8

Instrument :

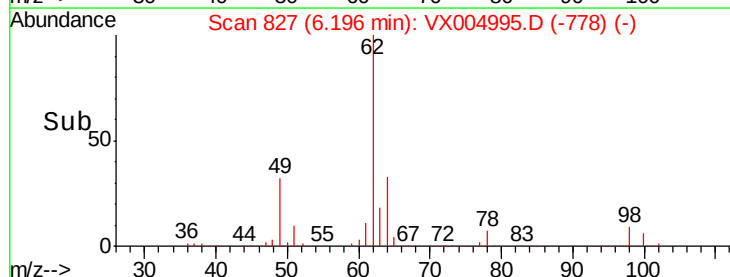
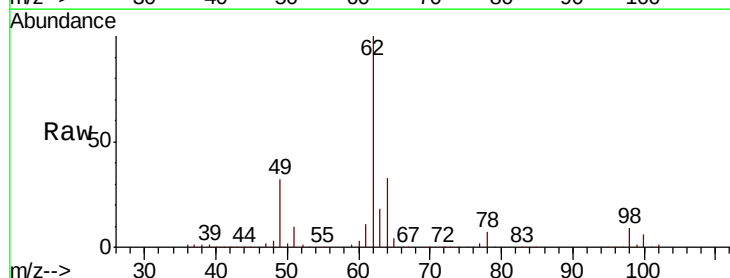
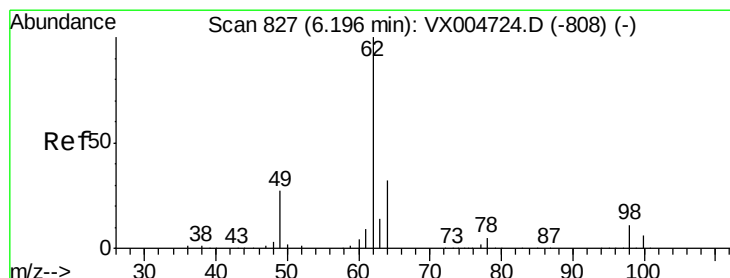
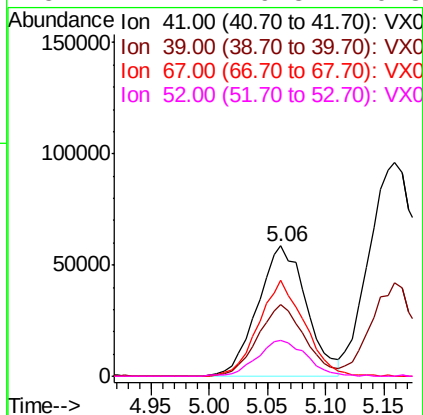
MSVOA_X

ClientSampleId :

VSTDCCC050

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 44.994 ug/l

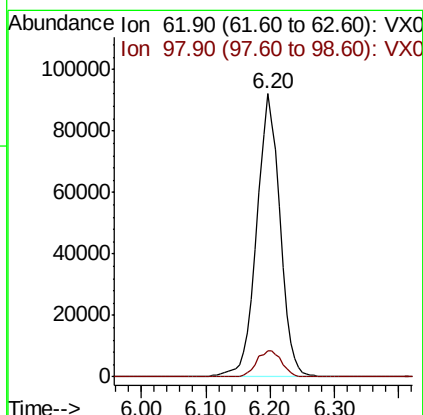
RT: 6.20 min Scan# 827

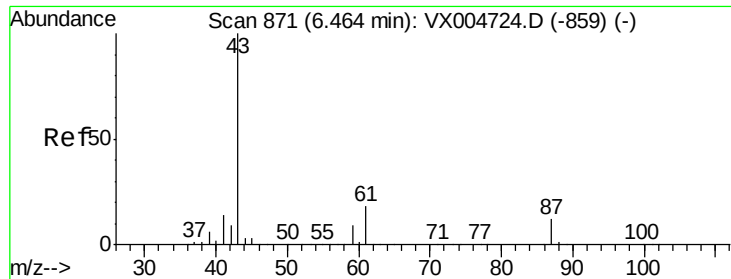
Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2





#43

Isopropyl Acetate

Concen: 50.133 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

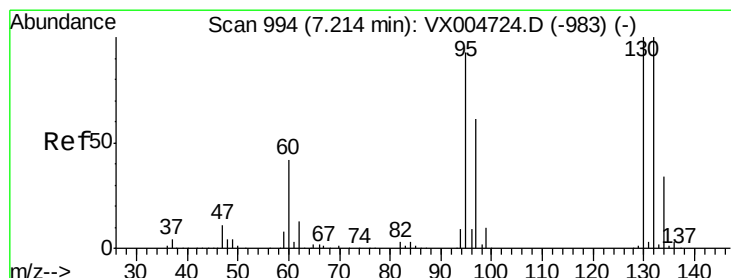
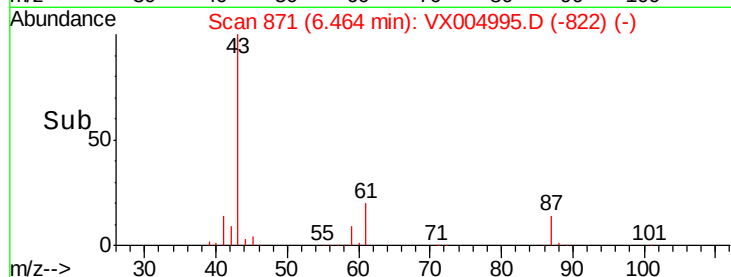
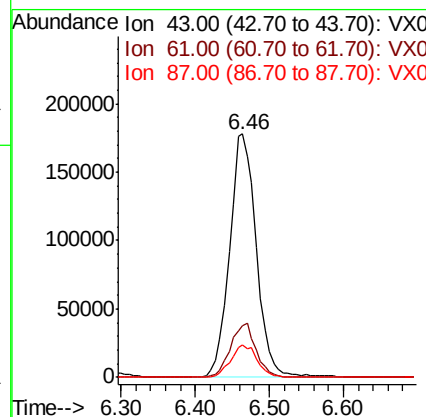
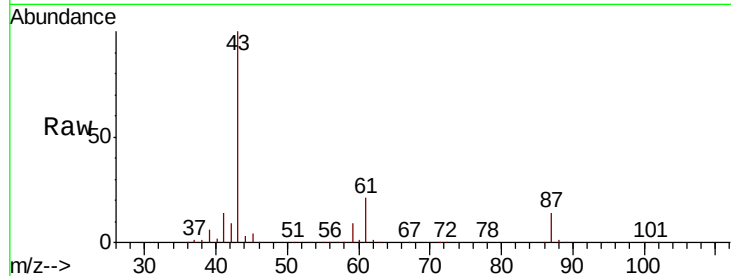
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	442189
Ion	Ratio	Lower	Upper
43	100		
61	21.5	14.2	21.4#
87	13.3	9.3	13.9

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#44

Trichloroethene

Concen: 49.433 ug/l

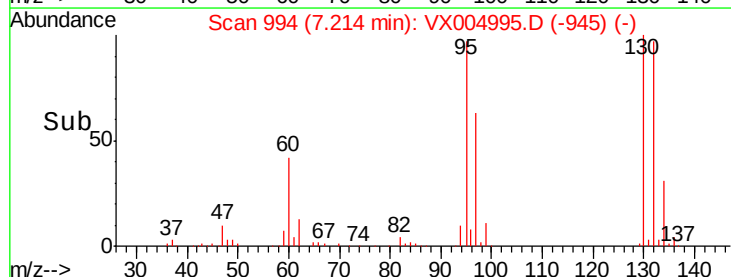
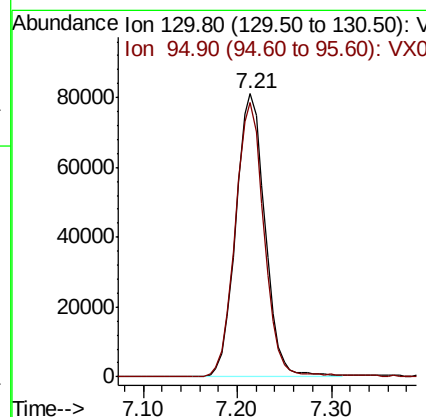
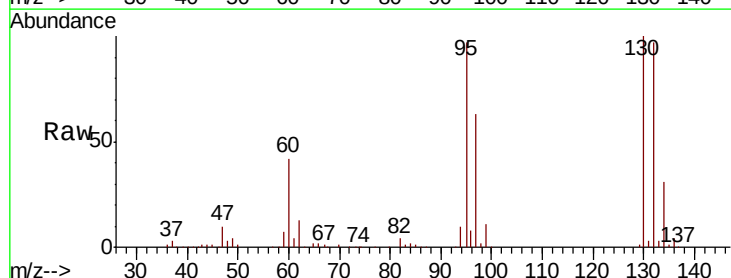
RT: 7.21 min Scan# 994

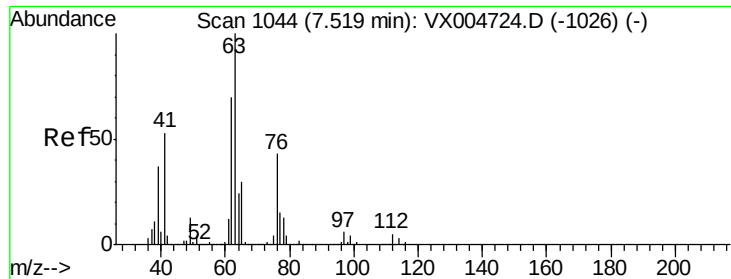
Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Tgt Ion:	130	Resp:	175147
Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	186.8





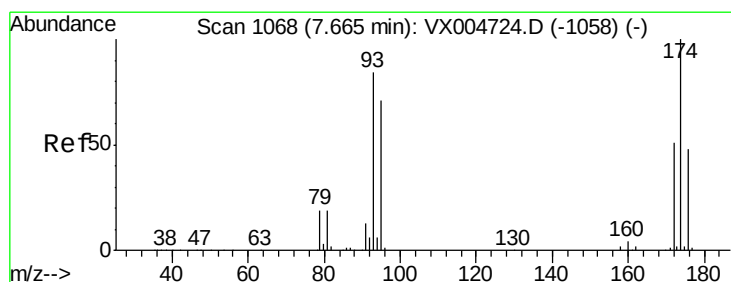
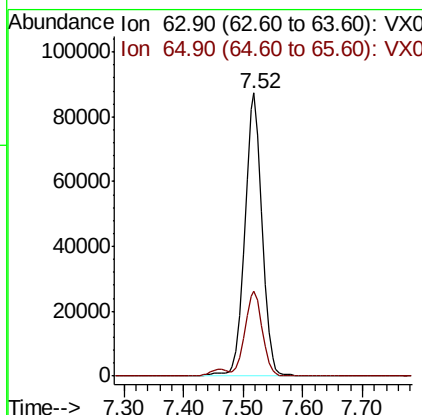
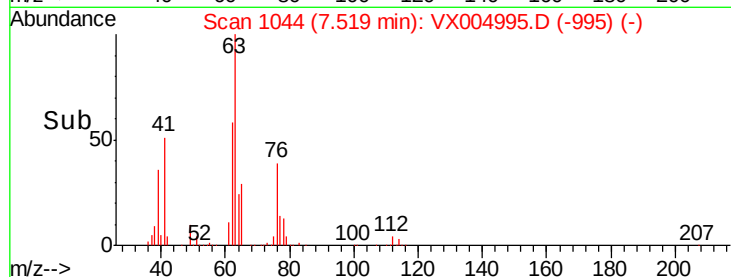
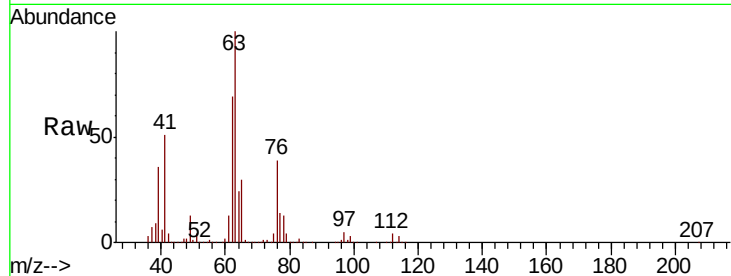
#45
 1,2-Dichloropropane
 Concen: 49.992 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 176695
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.9 35.9

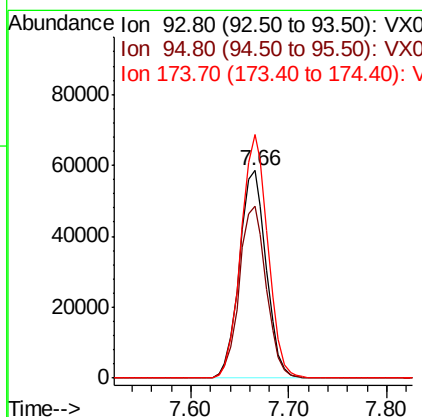
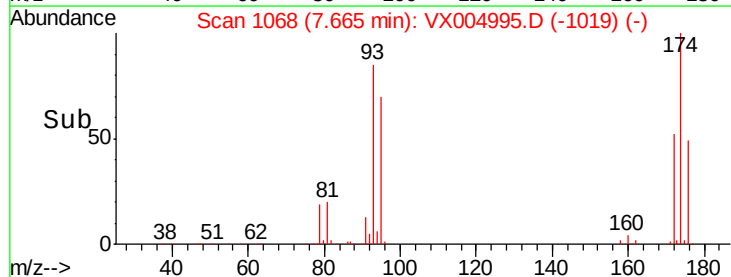
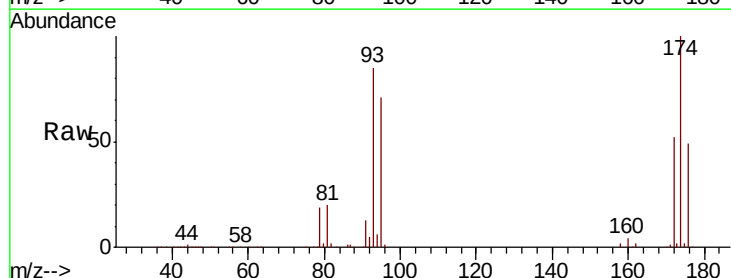
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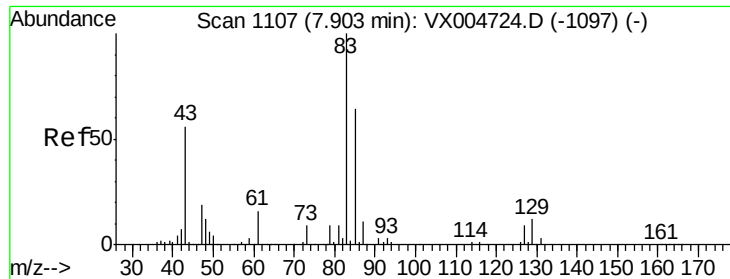
MMDadoda
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#46
 Dibromomethane
 Concen: 50.096 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion: 93 Resp: 111277
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.7 100.1
 174 117.4 92.7 139.1





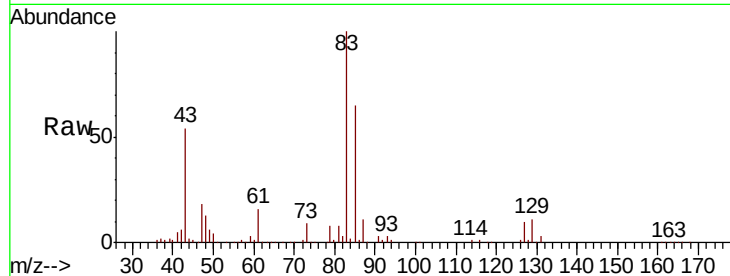
#47
Bromodichloromethane
Concen: 50.862 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	65.5	51.2	76.8	
127	9.7	7.0	10.6	

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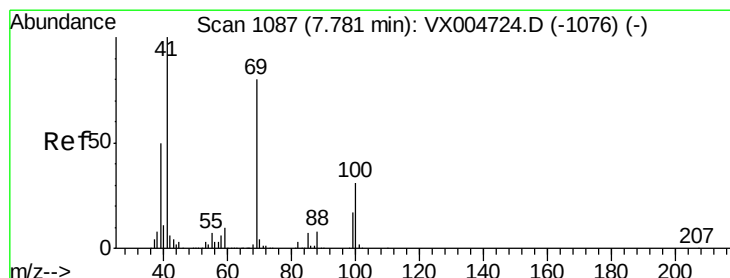
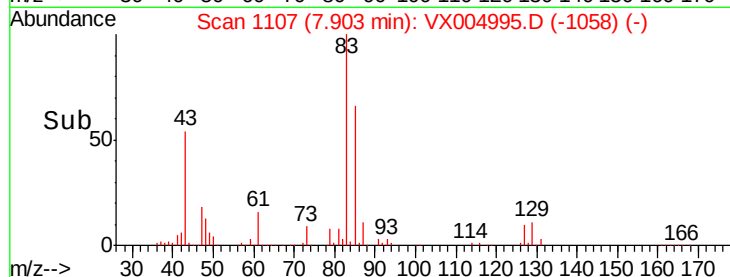
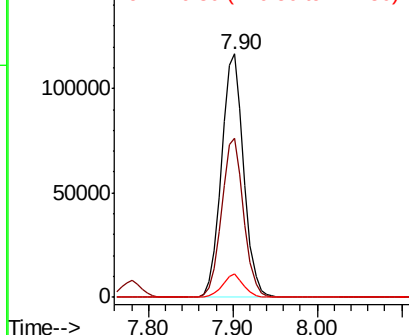


Abundance

Ion 82.90 (82.60 to 83.60): VX0

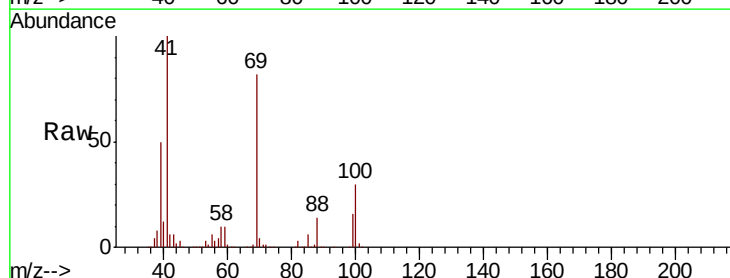
Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48
Methyl methacrylate
Concen: 55.099 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	82.9	63.8	95.6	
39	50.9	40.7	61.1	

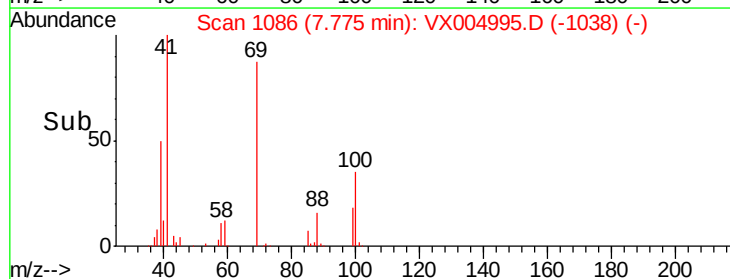
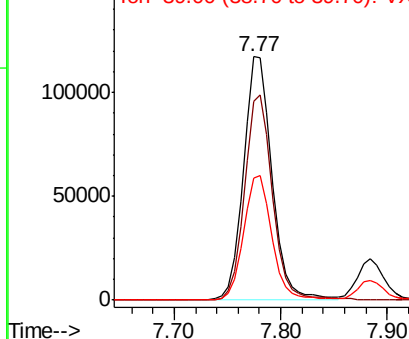


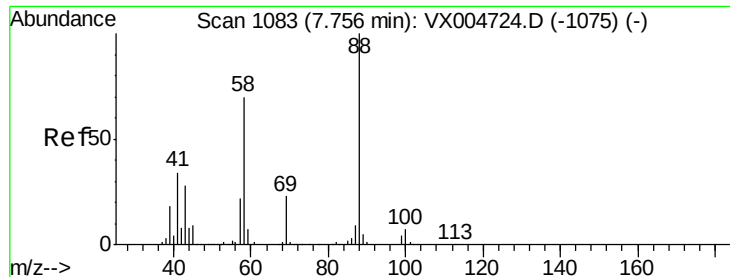
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





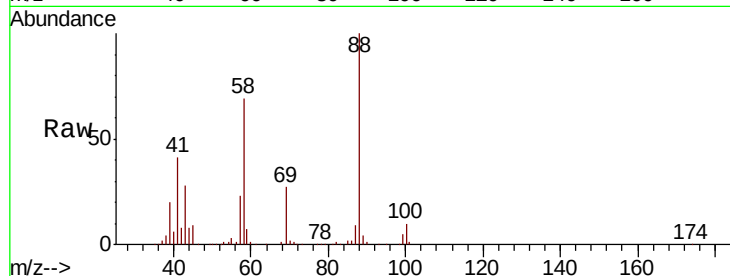
#49
1,4-Dioxane
Concen: 1000.728 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	88	Resp	99533
Ion Ratio	Lower	Upper	
88	100		
43	31.8	25.1	37.7
58	72.3	56.2	84.2

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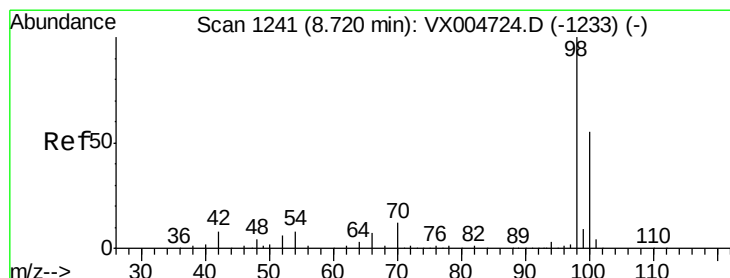
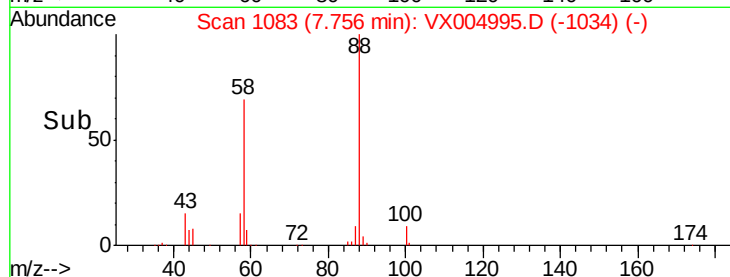
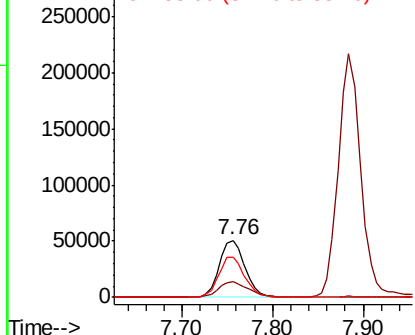


Abundance

Ion 88.00 (87.70 to 88.70): VX0

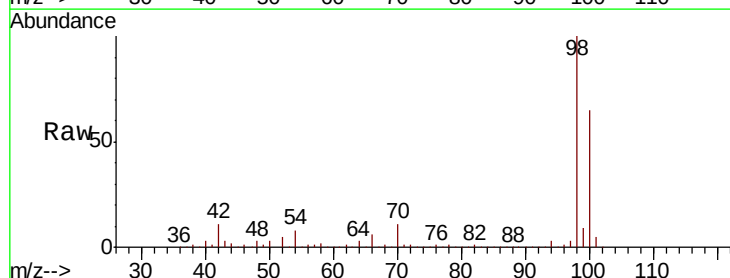
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 49.663 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

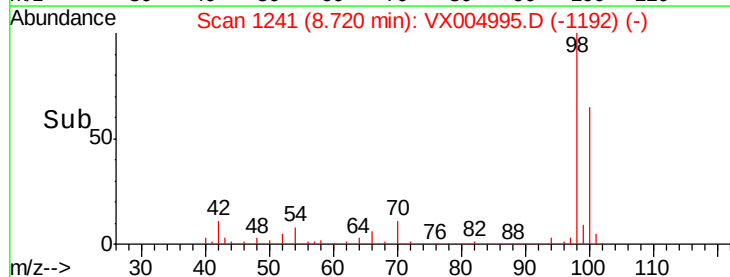
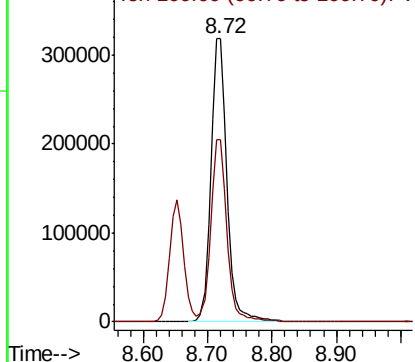
Tgt Ion	98	Resp	557101
Ion Ratio	Lower	Upper	
98	100		
100	65.1	51.9	77.9

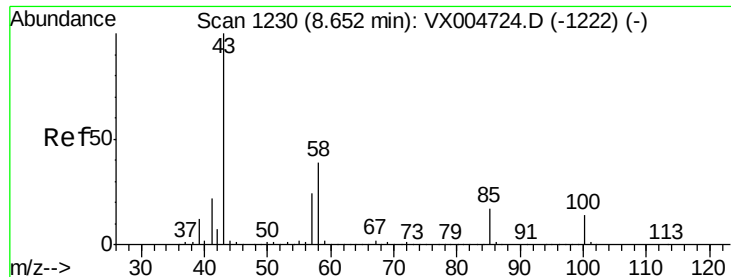


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 270.048 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1499764

Ion Ratio Lower Upper

43 100

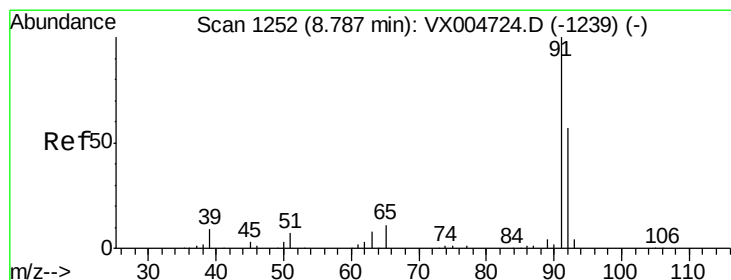
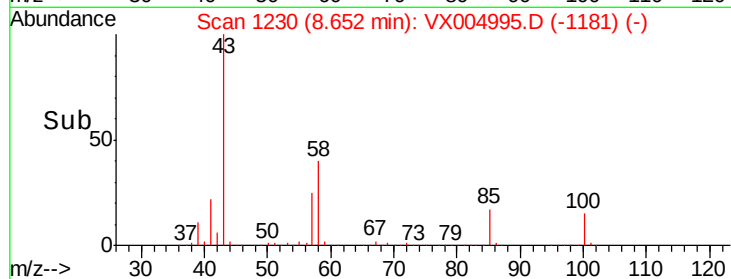
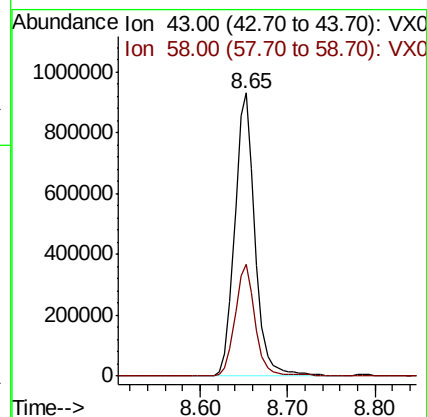
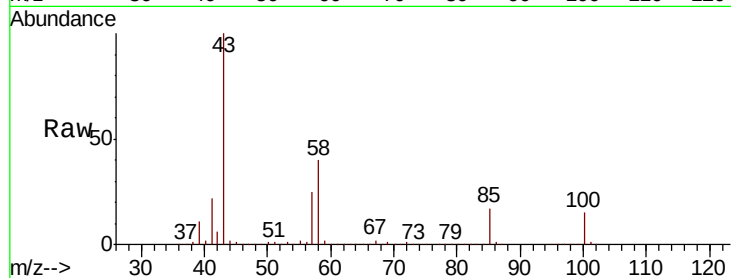
58 39.6 30.5 45.7

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#52

Toluene

Concen: 51.023 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004995.D

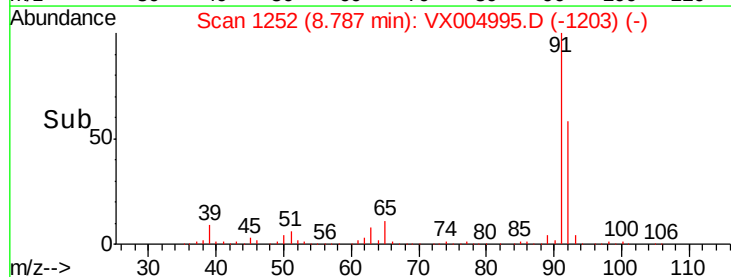
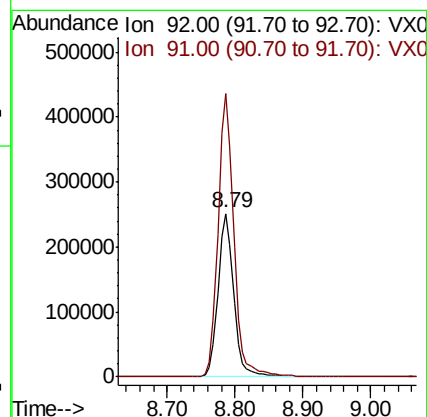
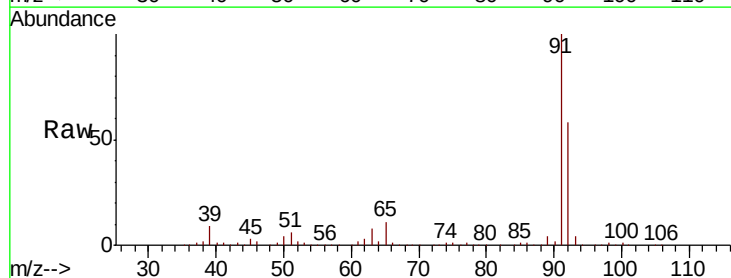
Acq: 04 Oct 2018 03:21

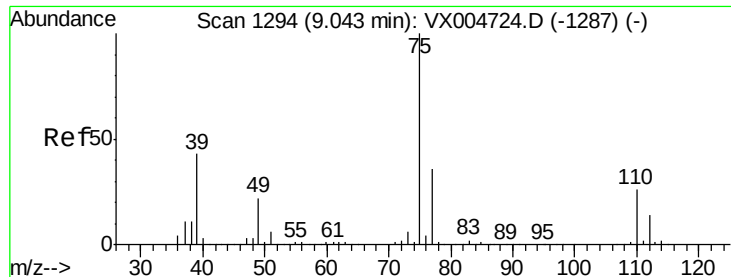
Tgt Ion: 92 Resp: 404084

Ion Ratio Lower Upper

92 100

91 174.5 136.7 205.1





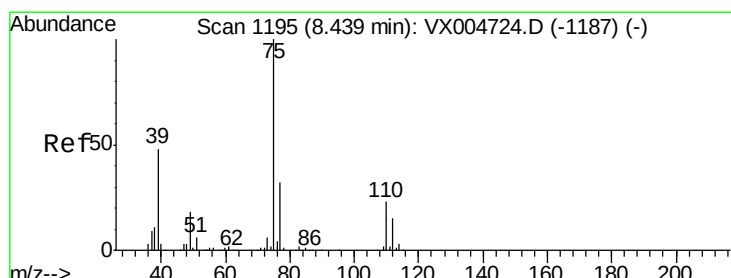
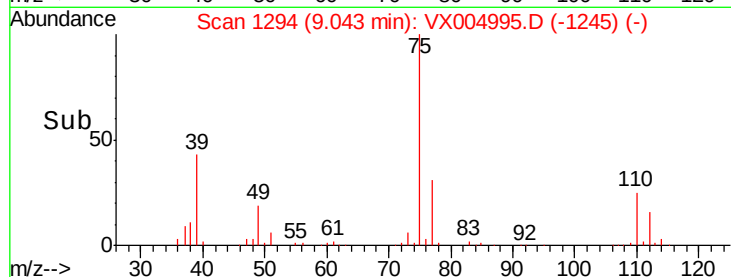
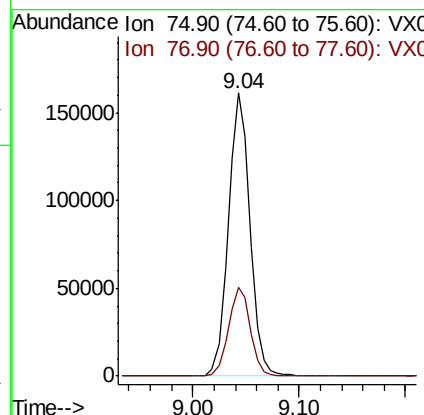
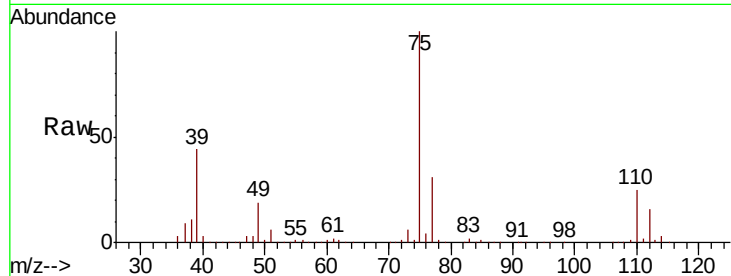
#53
 t-1,3-Dichloropropene
 Concen: 48.673 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	28.9	43.3

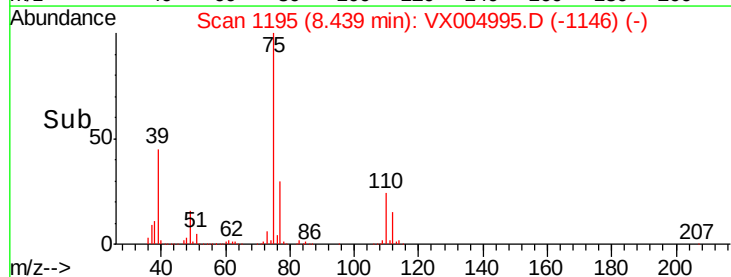
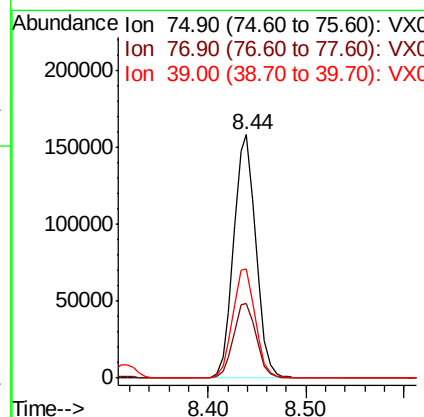
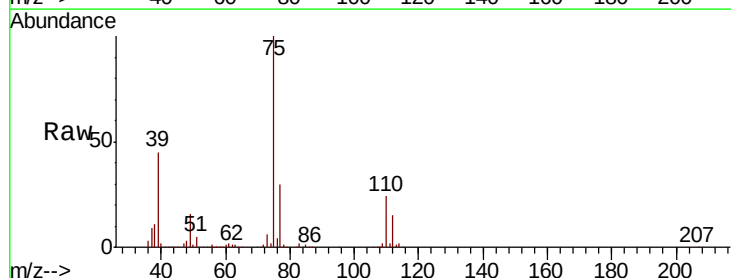
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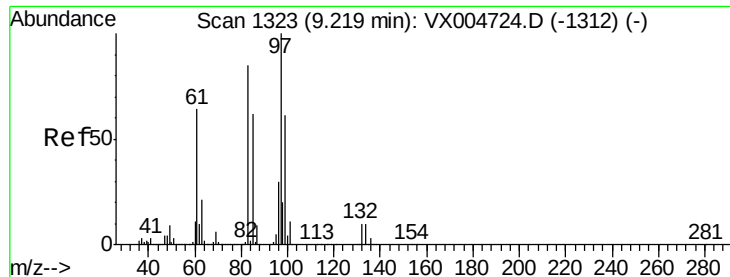
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#54
 cis-1,3-Dichloropropene
 Concen: 50.818 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.7	38.5
39	44.7	38.3	57.5





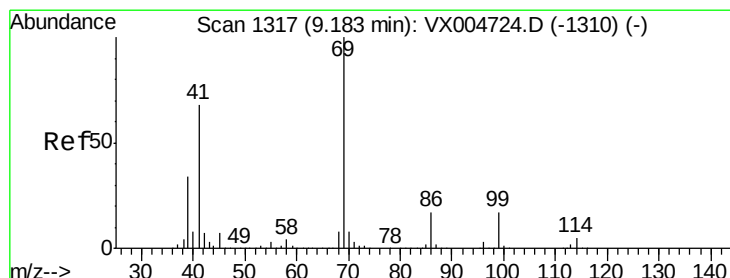
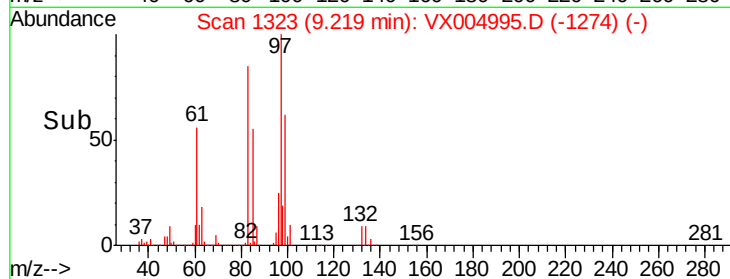
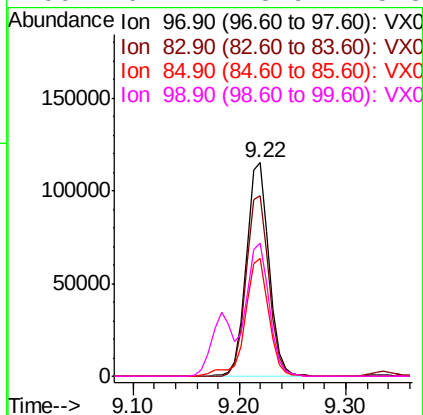
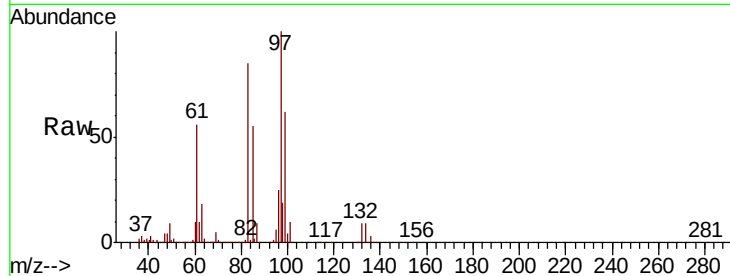
#55
 1,1,2-Trichloroethane
 Concen: 49.582 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	172005
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.2	102.2
85	55.1	49.9	74.9
99	62.2	48.9	73.3

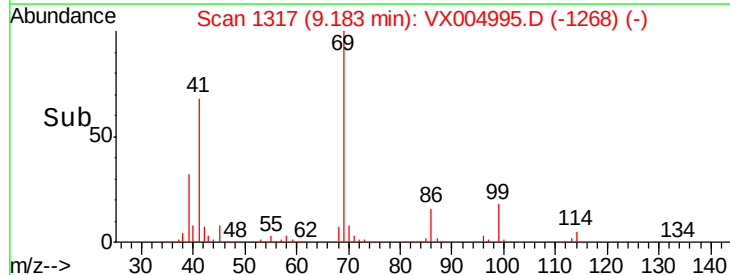
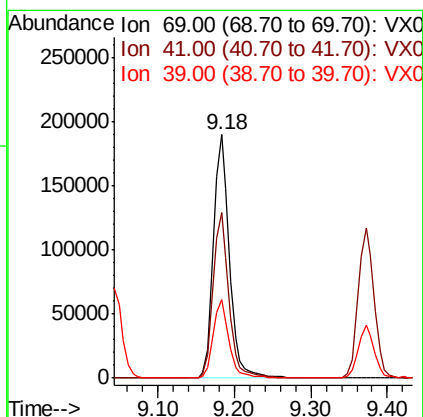
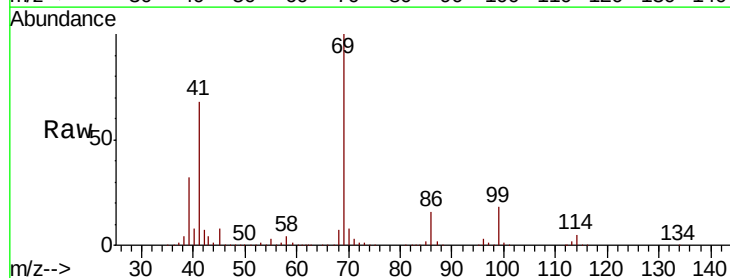
Manual Integrations
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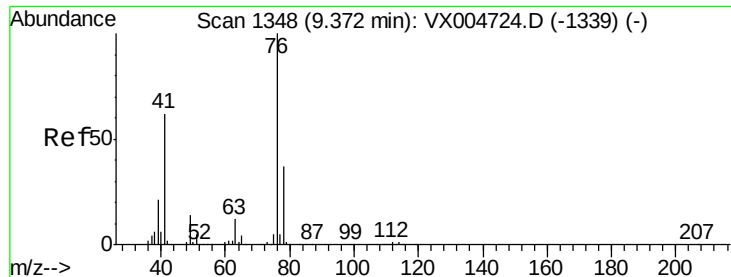
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#56
 Ethyl methacrylate
 Concen: 48.969 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion:	69	Resp:	275314
Ion	Ratio	Lower	Upper
69	100		
41	67.2	56.9	85.3
39	31.6	28.4	42.6





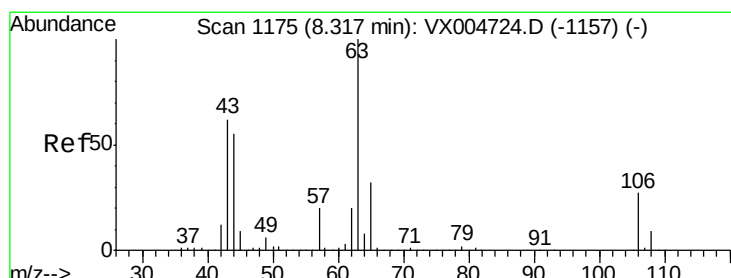
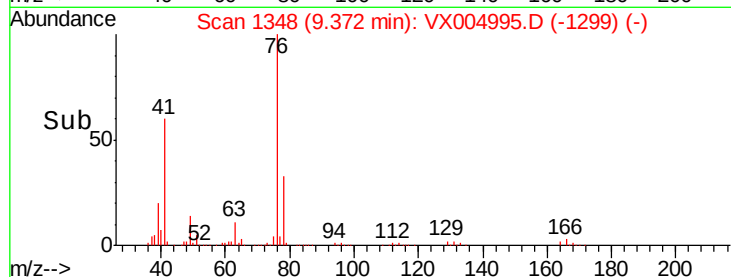
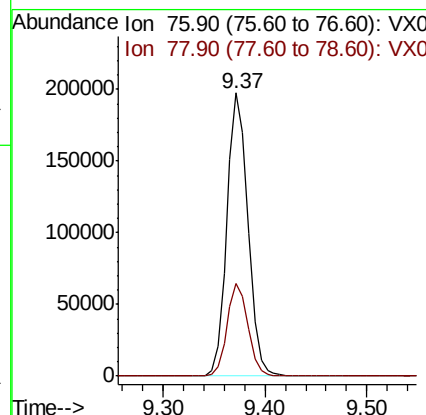
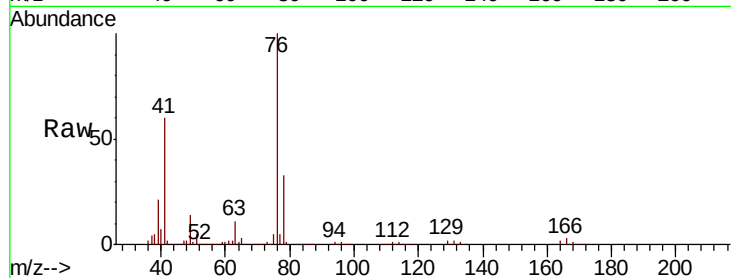
#57
 1,3-Dichloropropane
 Concen: 49.040 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.6	40.0

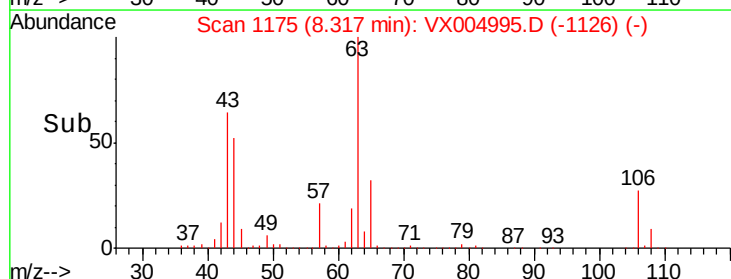
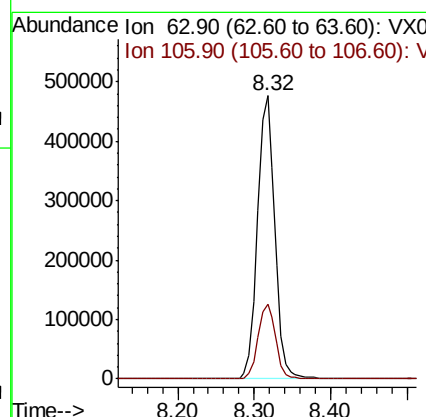
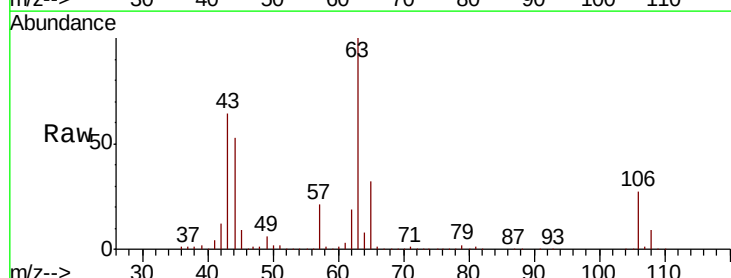
Manual Integrations
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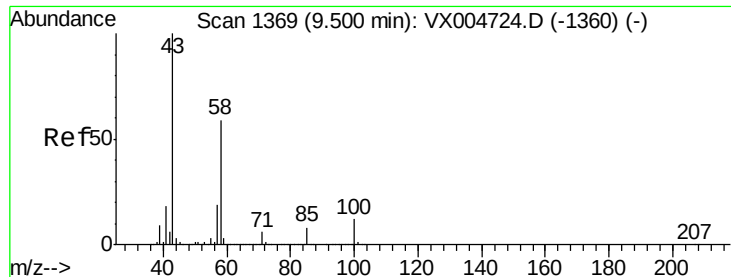
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 252.094 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.0	31.6





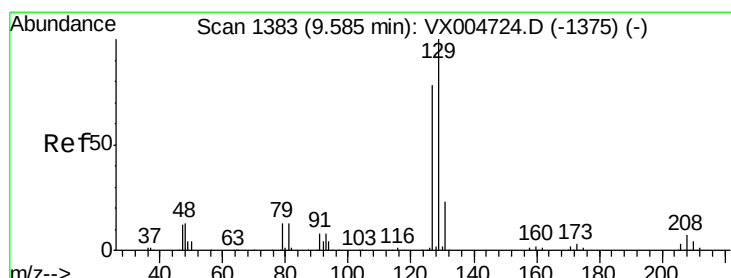
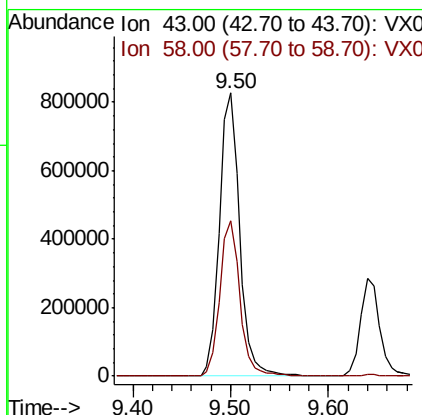
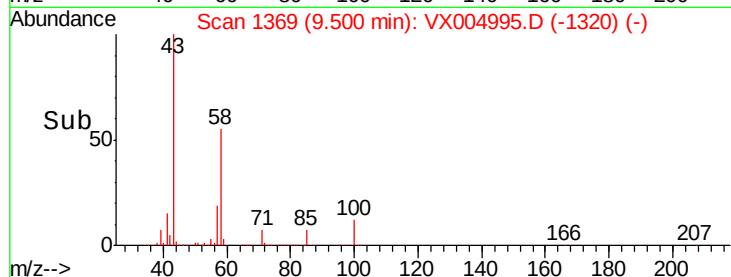
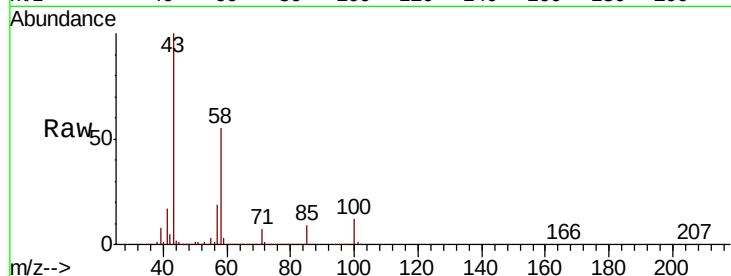
#59
2-Hexanone
Concen: 256.914 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1188994
Ion Ratio Lower Upper
43 100
58 54.5 28.4 85.3

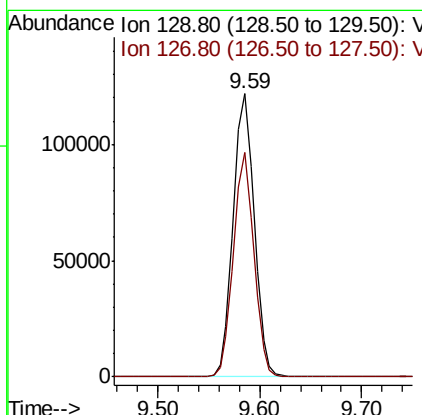
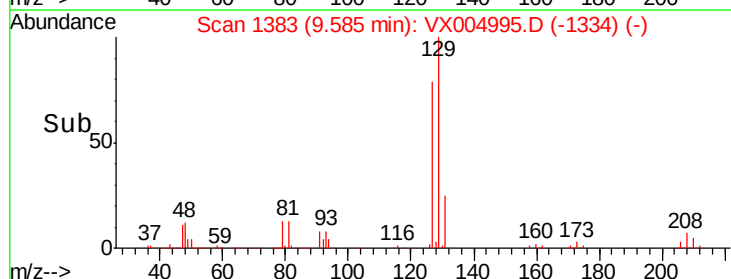
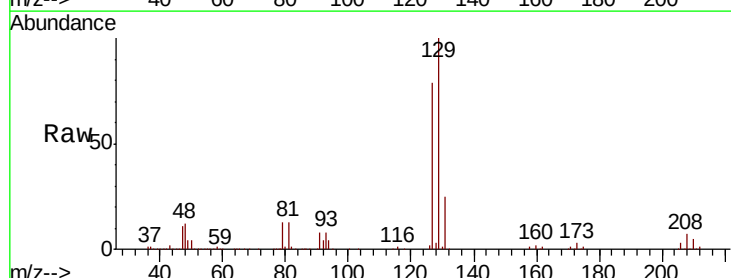
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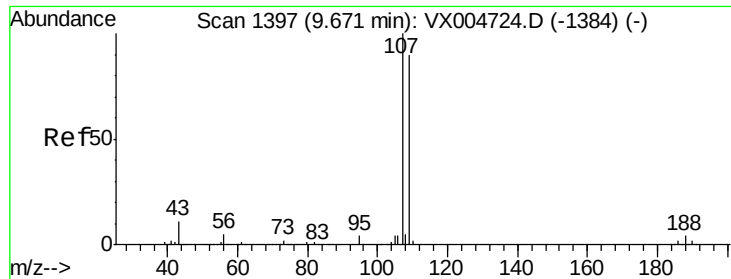
MMDadoda
10/5/2018 3:24:47 PM



#60
Dibromochloromethane
Concen: 50.050 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion: 129 Resp: 173640
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





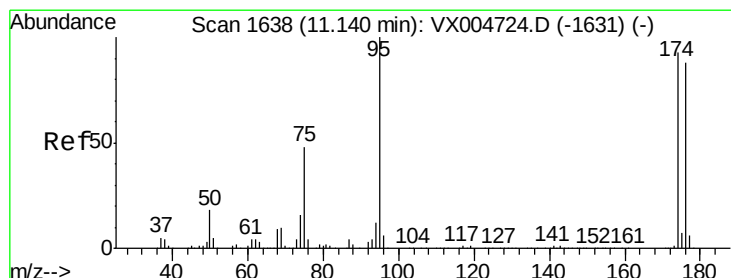
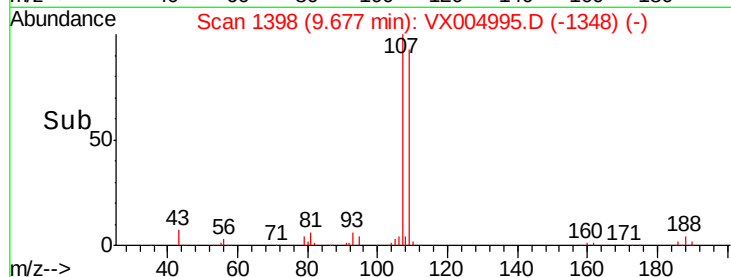
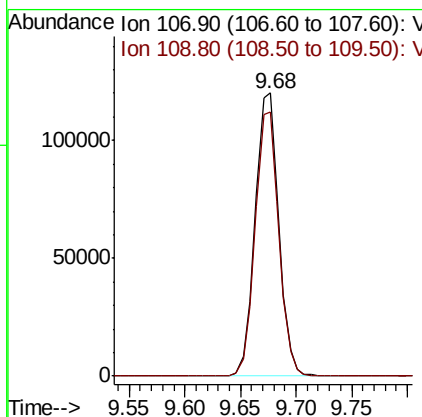
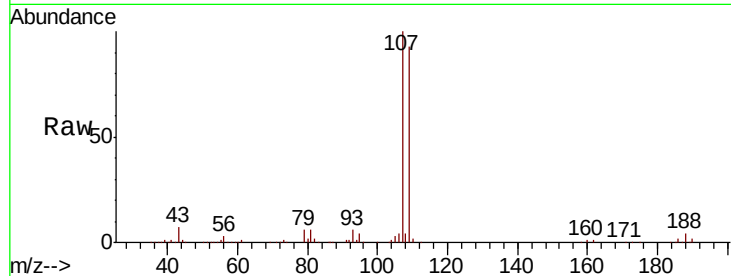
#61
 1,2-Dibromoethane
 Concen: 47.995 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	178312		
109	93.9	72.1	108.1	

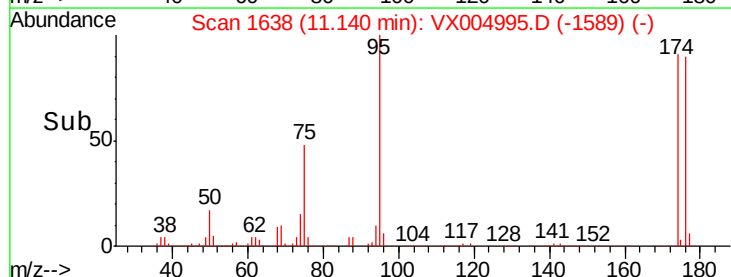
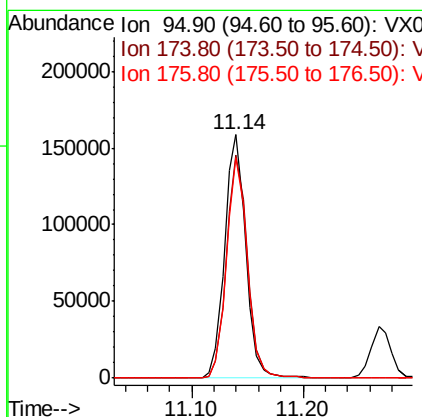
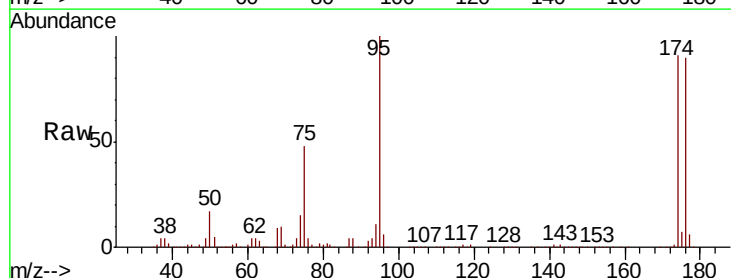
Manual Integrations
 APPROVED

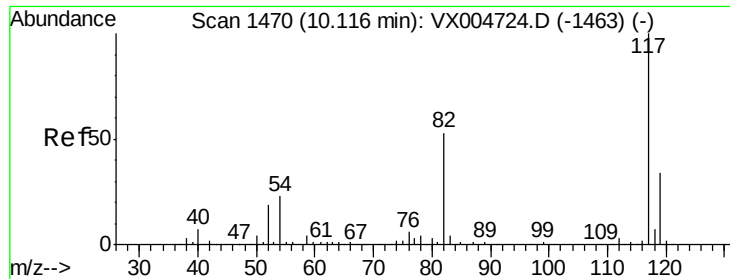
MMDadoda
 10/5/2018 3:24:47 PM



#62
 4-Bromofluorobenzene
 Concen: 51.500 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	208124		
174	91.2	0.0	185.0	
176	89.3	0.0	180.2	





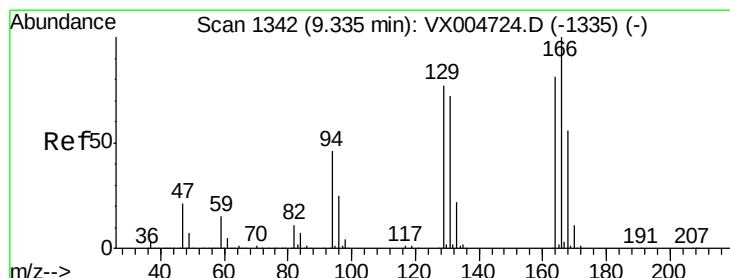
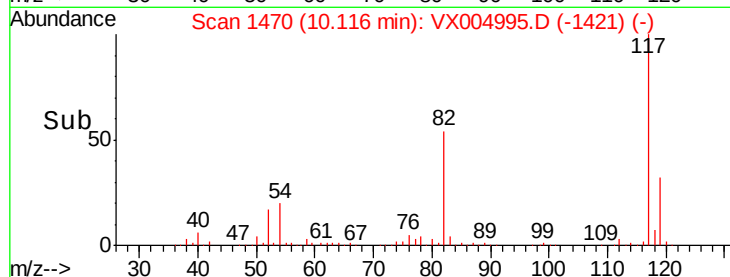
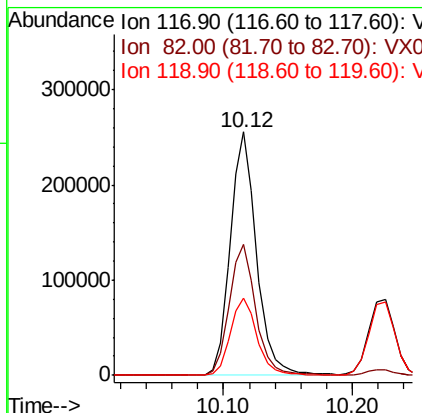
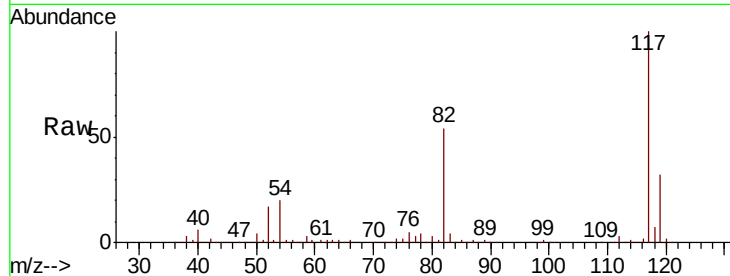
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.2	63.4
119	31.8	27.4	41.0

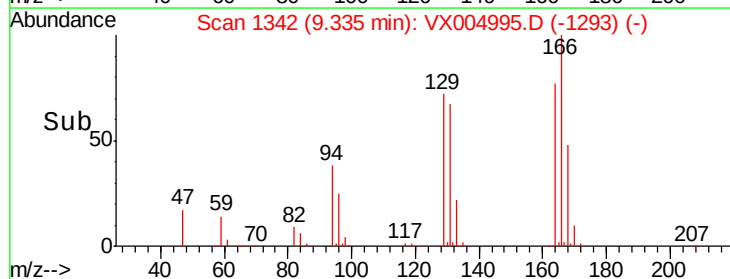
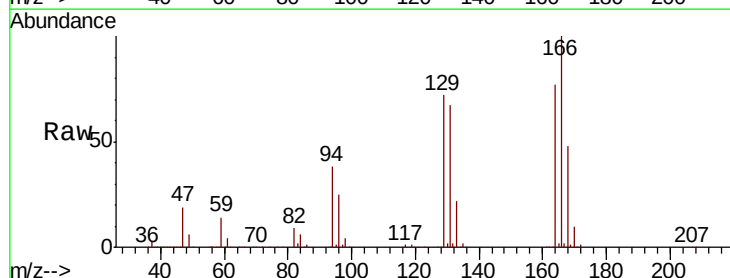
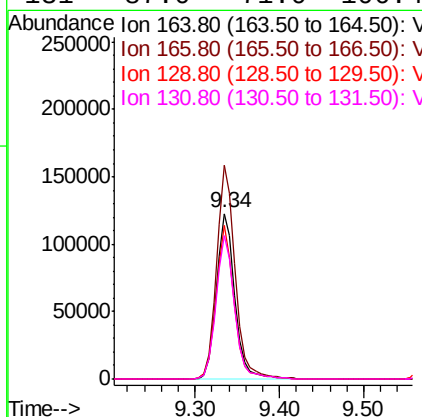
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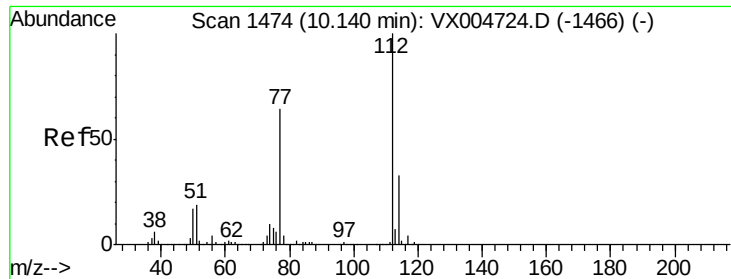
MMDadoda
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#64
Tetrachloroethene
Concen: 51.963 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	98.4	147.6
129	92.6	76.1	114.1
131	87.0	71.0	106.4





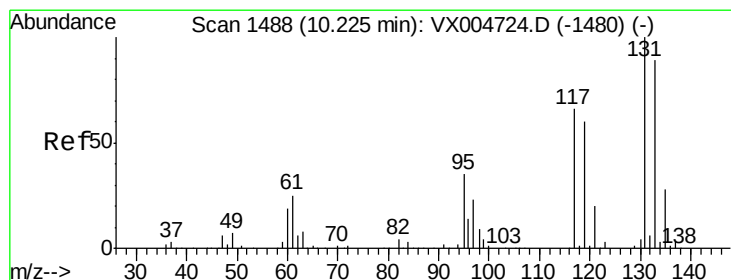
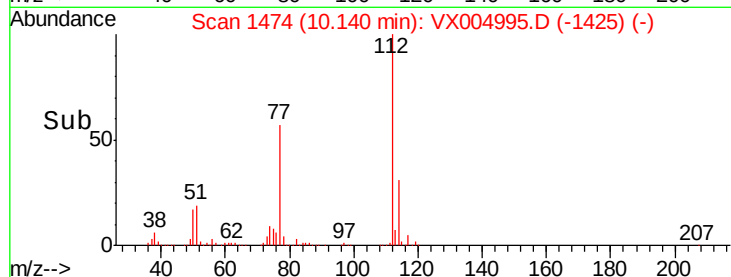
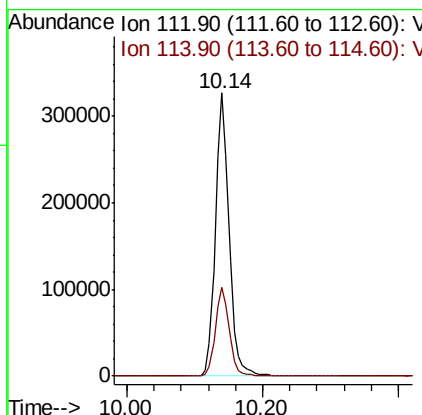
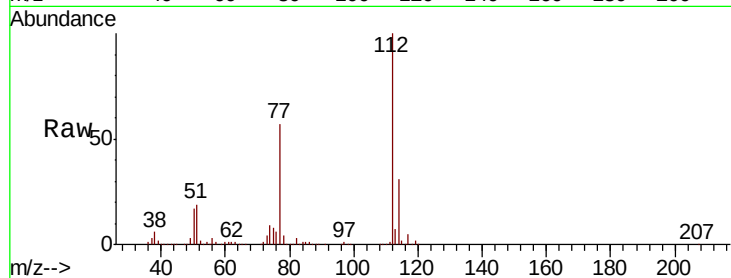
#65
Chlorobenzene
Concen: 48.949 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 457913
Ion Ratio Lower Upper
112 100
114 31.5 26.7 40.1

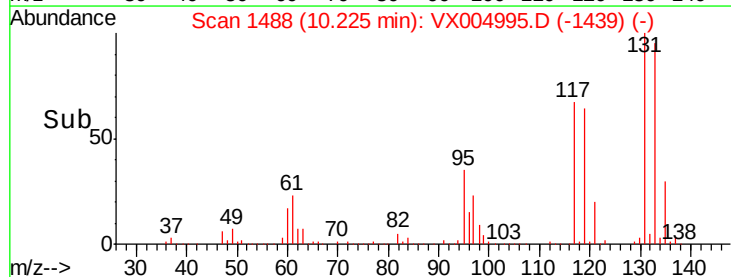
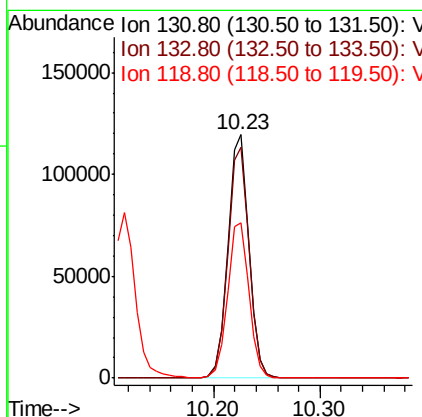
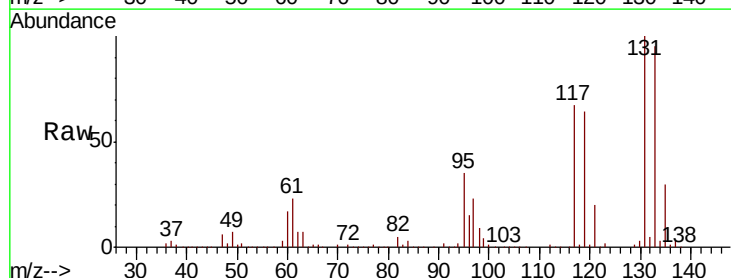
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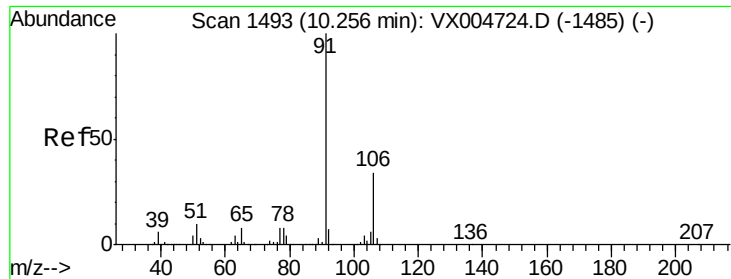
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.034 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion:131 Resp: 164552
Ion Ratio Lower Upper
131 100
133 96.0 48.4 145.0
119 65.5 32.3 96.8





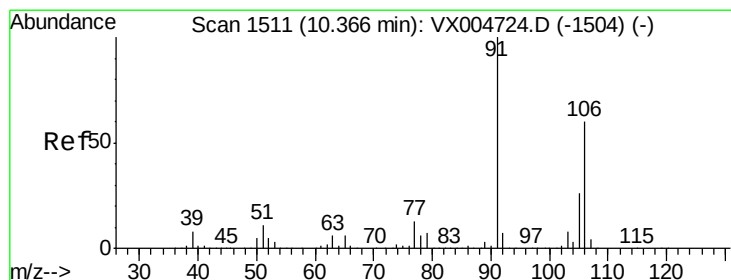
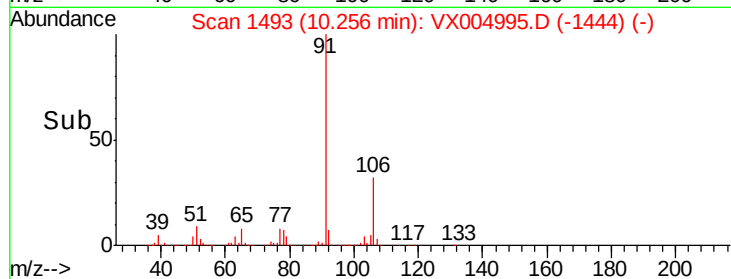
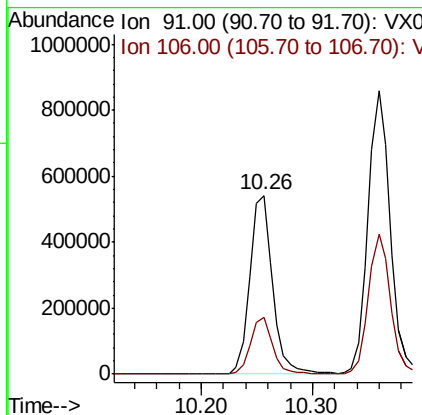
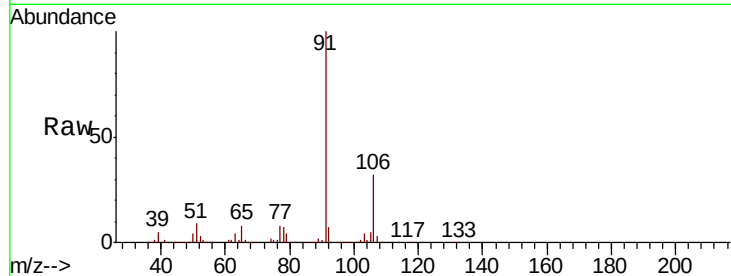
#67
Ethyl Benzene
Concen: 51.862 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 770262
Ion Ratio Lower Upper
91 100
106 32.0 26.9 40.3

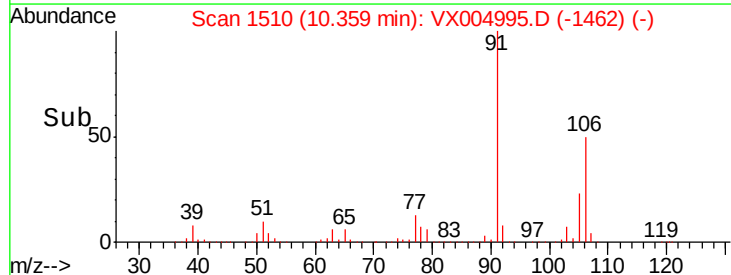
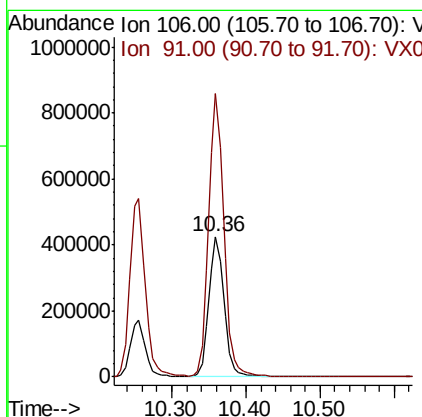
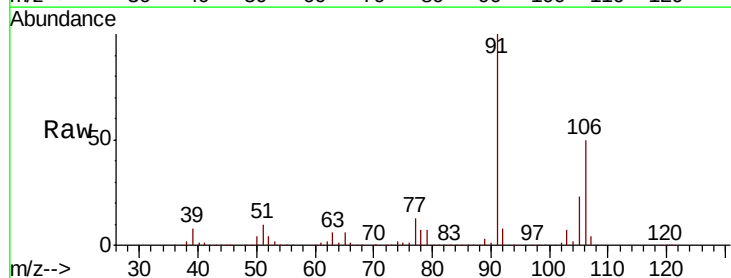
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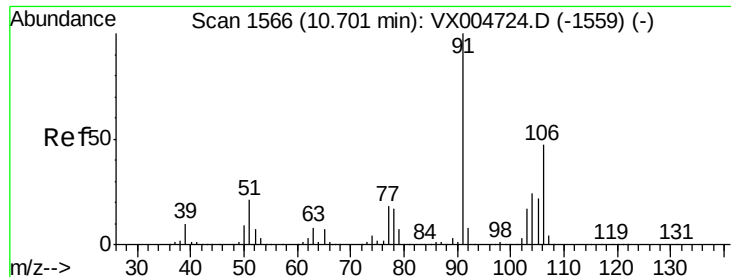
MMDadoda
10/5/2018 3:24:47 PM



#68
m/p-Xylenes
Concen: 103.289 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion: 106 Resp: 599472
Ion Ratio Lower Upper
106 100
91 202.2 157.5 236.3





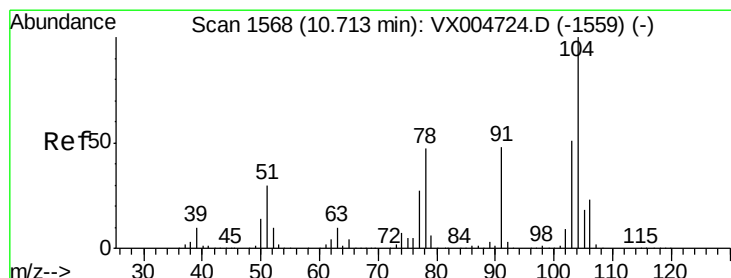
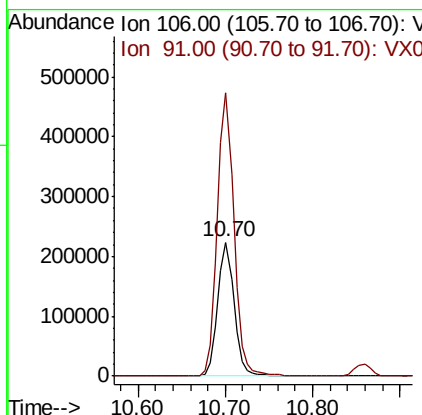
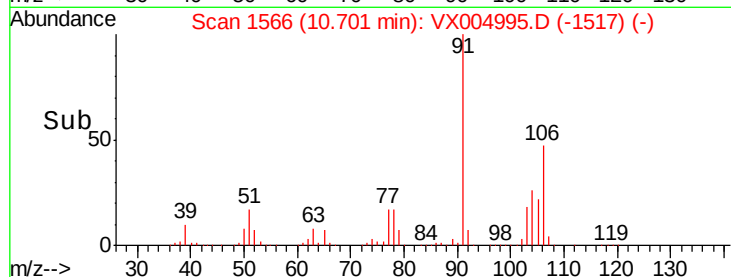
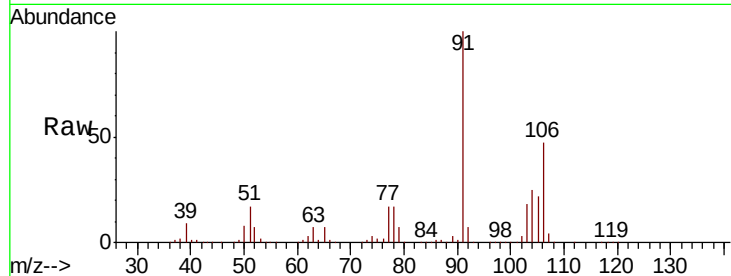
#69
o-Xylene
Concen: 54.727 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.6	108.3	324.8

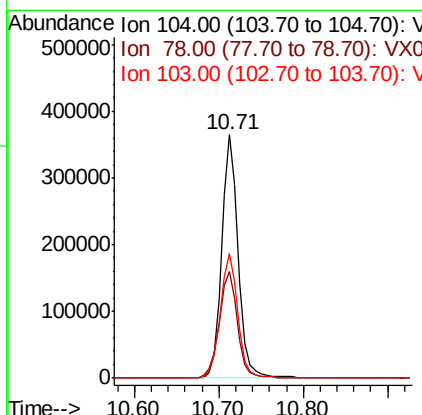
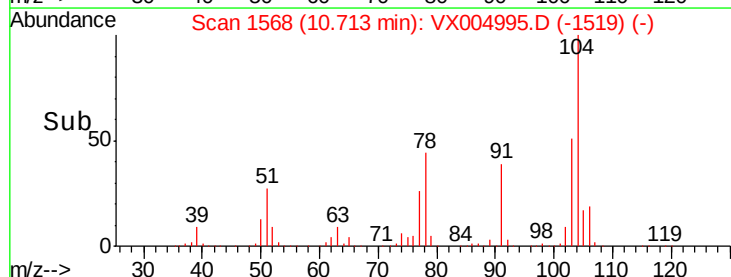
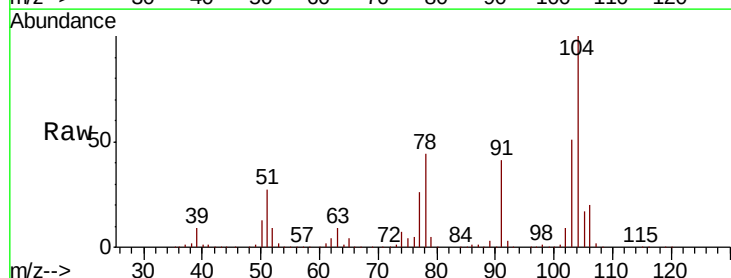
Manual Integrations
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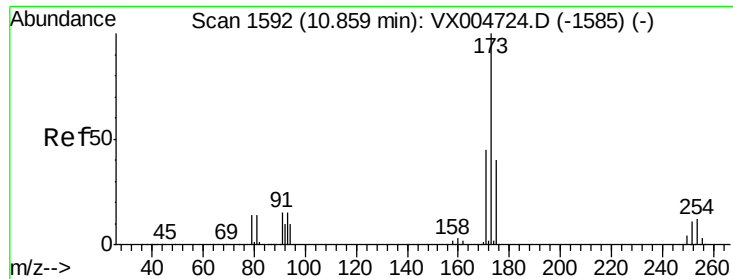
MMDadoda
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#70
Styrene
Concen: 49.259 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.9	40.0	60.0
103	55.4	44.3	66.5





#71

Bromoform

Concen: 50.467 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

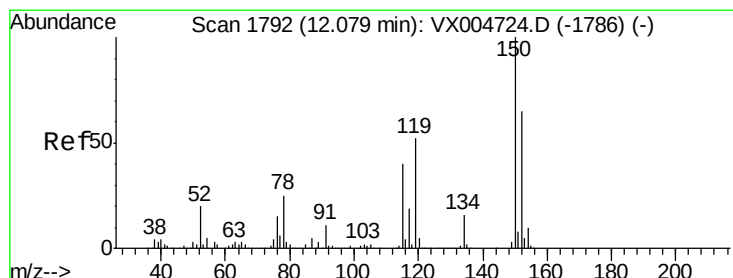
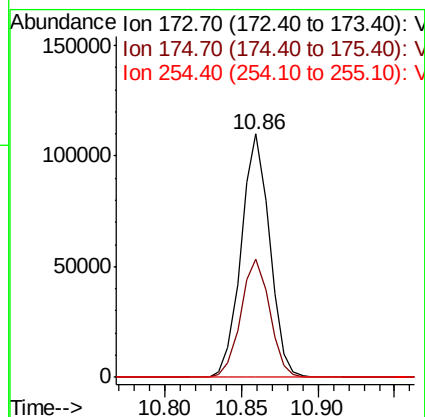
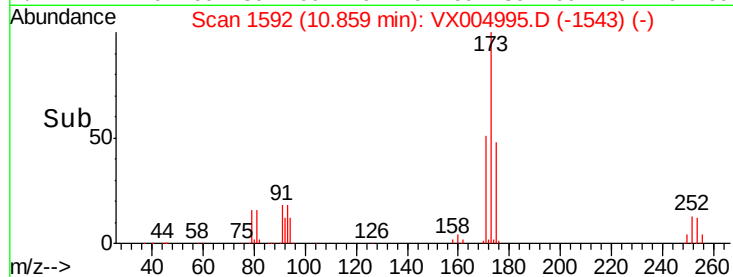
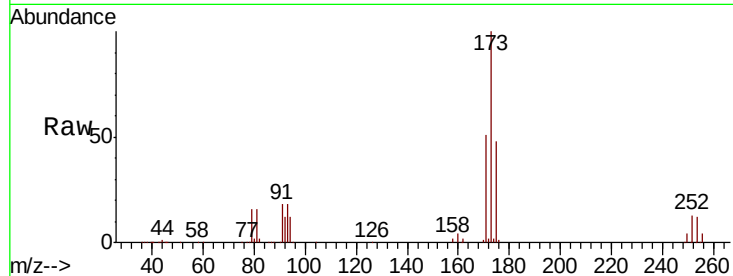
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	142096
Ion Ratio	Lower	Upper	
173	100		
175	49.3	23.3	69.8
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

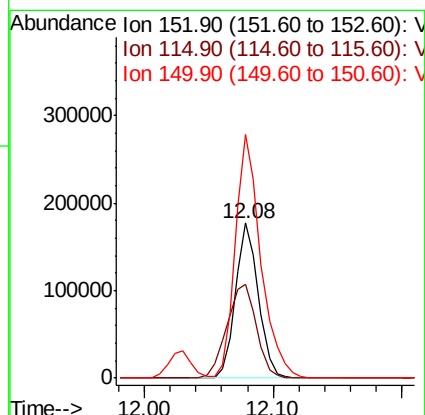
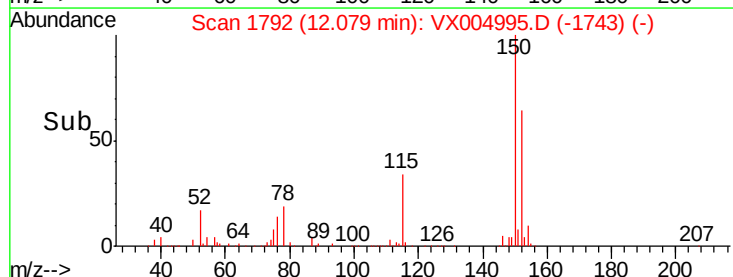
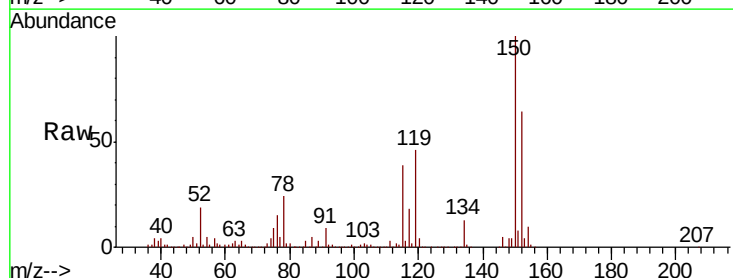
RT: 12.08 min Scan# 1792

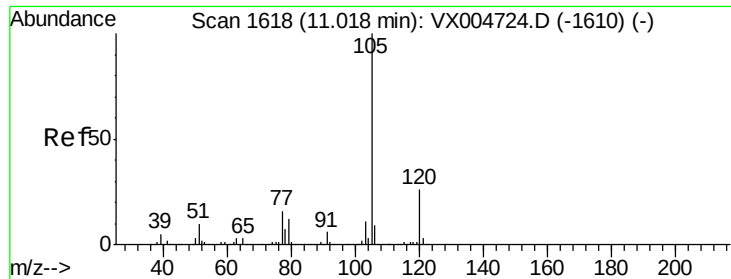
Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Tgt Ion:	152	Resp:	220075
Ion Ratio	Lower	Upper	
152	100		
115	78.8	40.2	120.6
150	174.8	0.0	351.0





#73

Isopropylbenzene

Concen: 55.559 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 770691

Ion Ratio Lower Upper

105 100

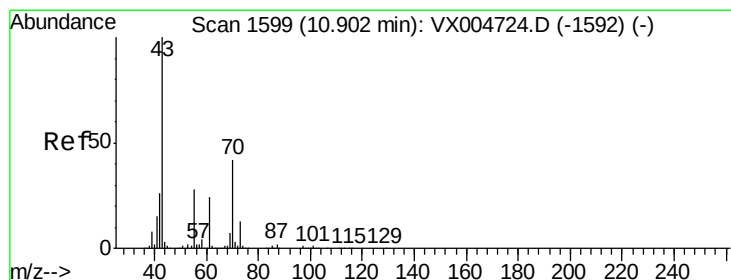
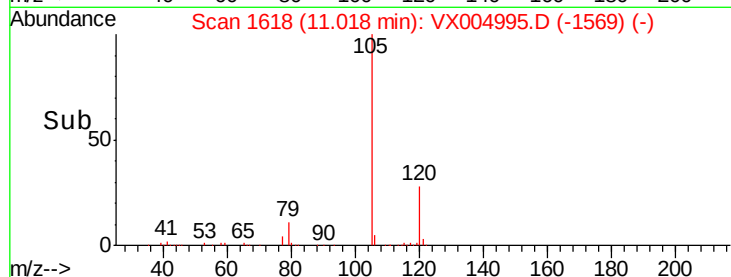
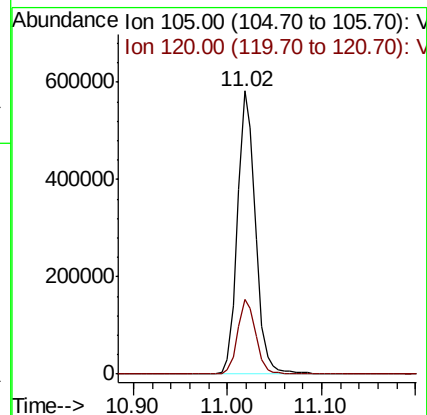
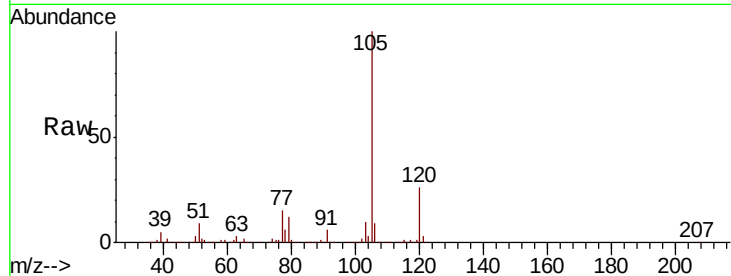
120 26.6 13.2 39.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 50.320 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Tgt Ion: 43 Resp: 383752

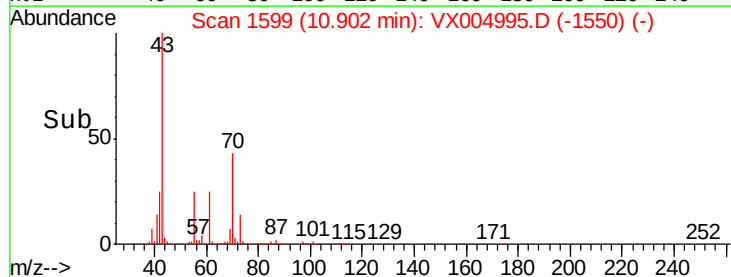
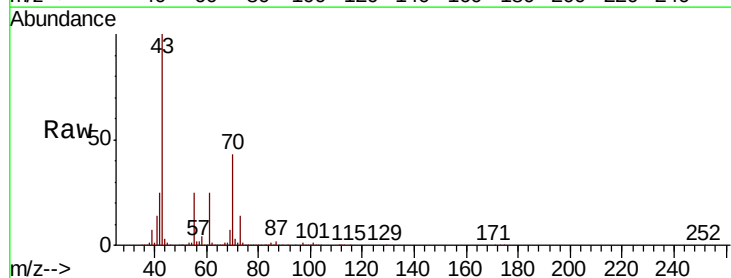
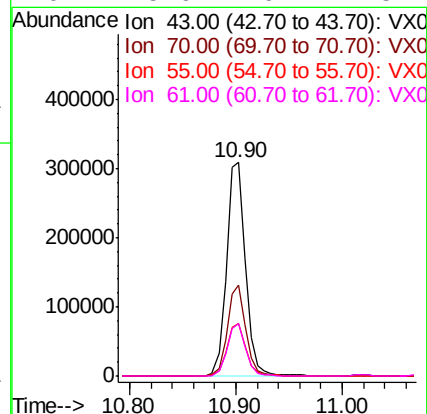
Ion Ratio Lower Upper

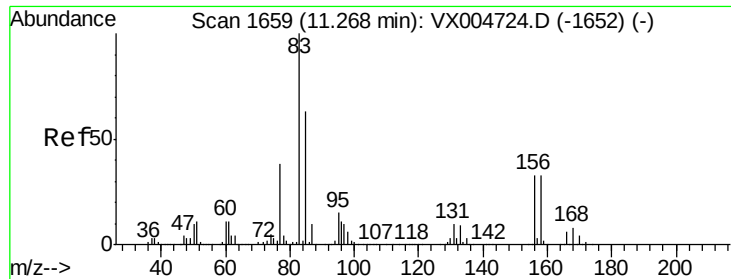
43 100

70 41.3 32.6 48.8

55 24.9 21.6 32.4

61 23.9 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.731 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

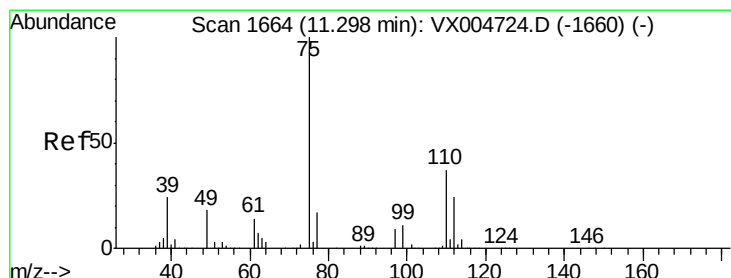
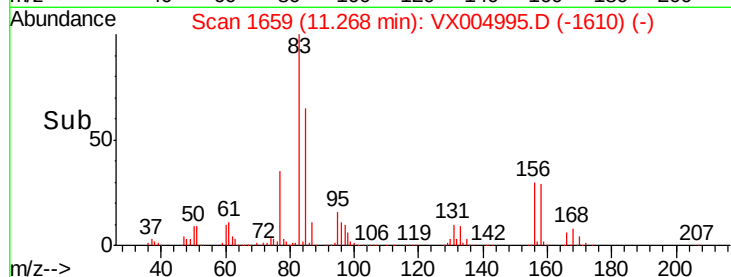
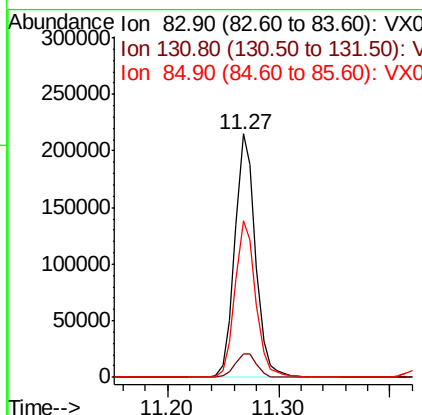
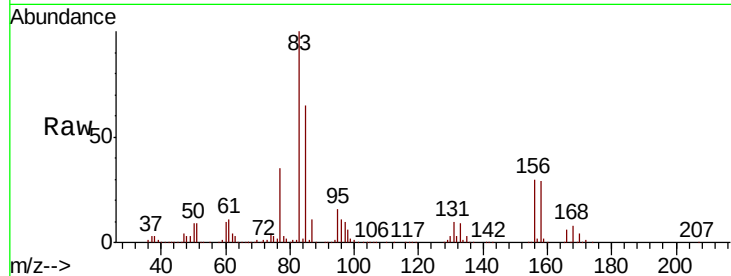
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	275168
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	64.8	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.081 ug/l m

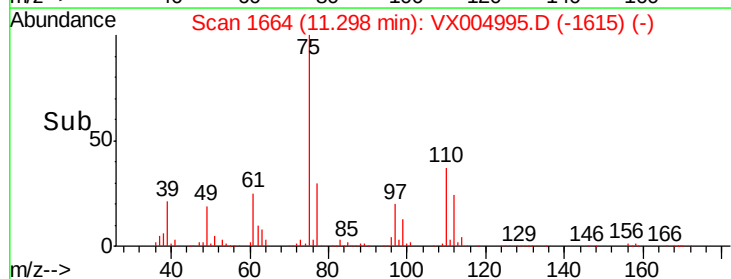
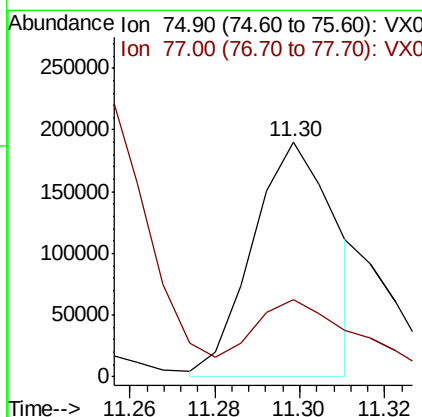
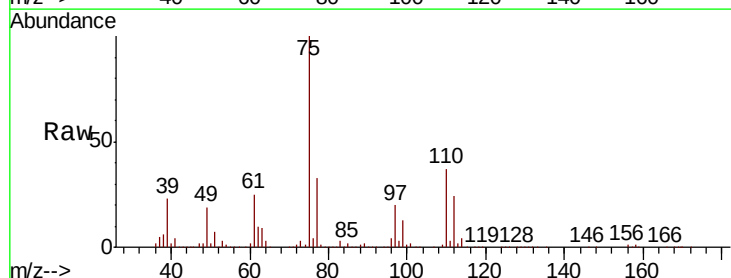
RT: 11.30 min Scan# 1664

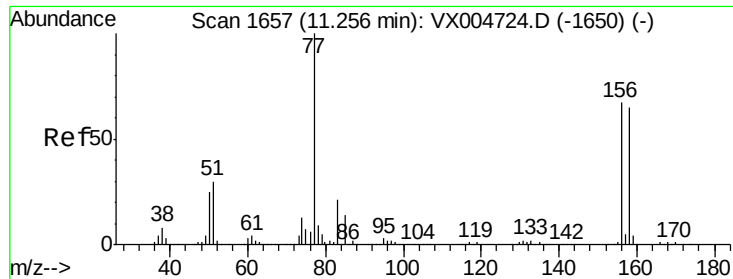
Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Tgt Ion:	75	Resp:	256900
Ion Ratio	Lower	Upper	
75	100		
77	41.6	21.4	64.3





#77

Bromobenzene

Concen: 52.226 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

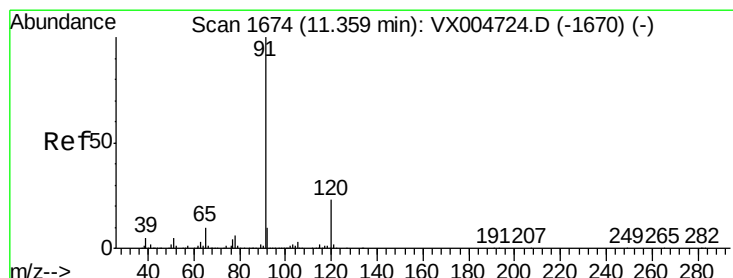
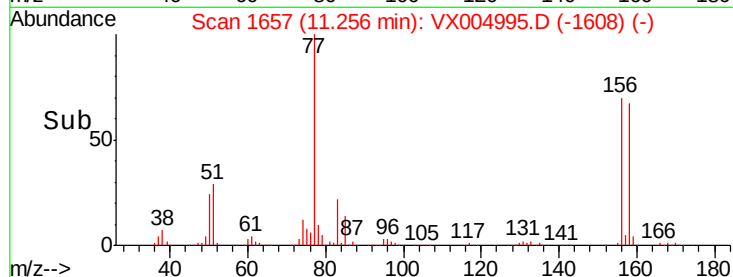
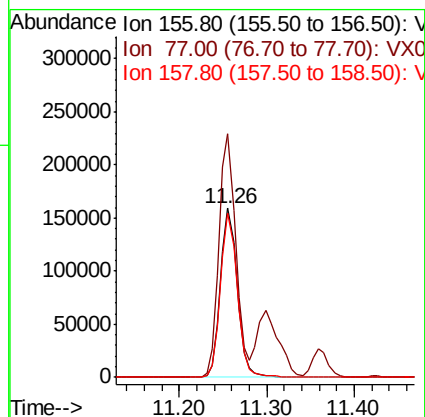
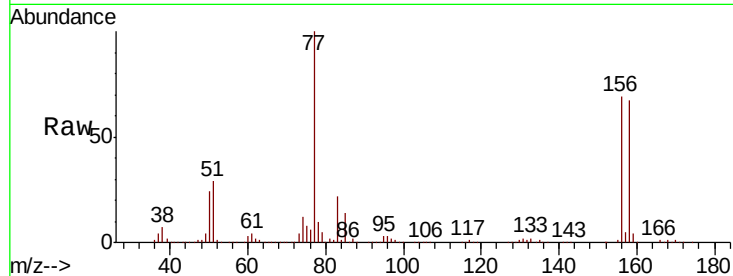
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	210426
Ion	Ratio	Lower	Upper
156	100		
77	144.2	73.4	220.2
158	97.2	49.1	147.4

Manual Integrations
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#78

n-propylbenzene

Concen: 55.220 ug/l

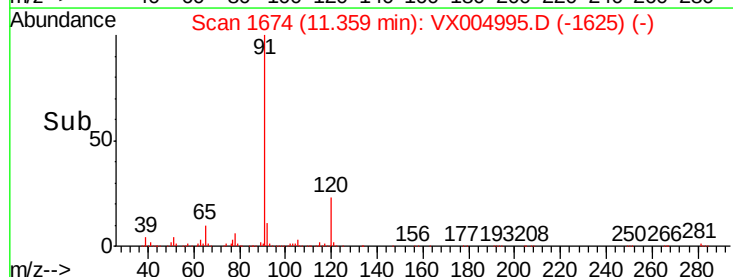
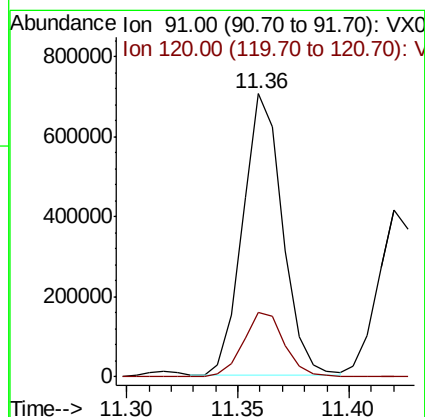
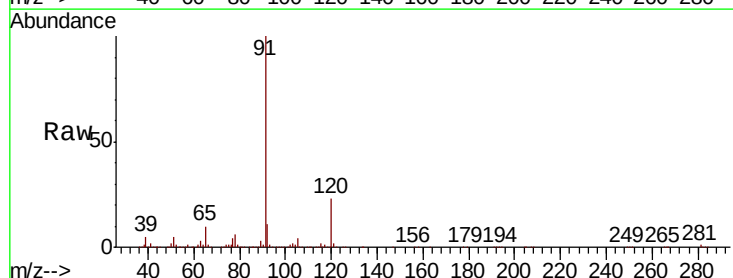
RT: 11.36 min Scan# 1674

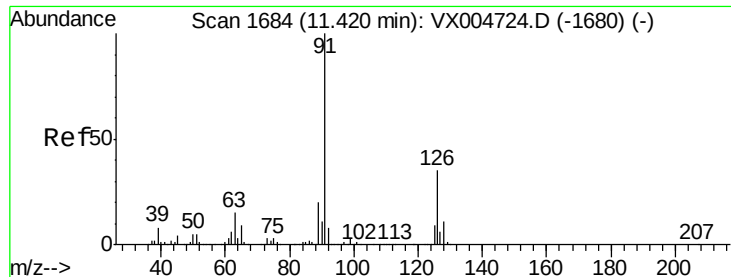
Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Tgt Ion:	91	Resp:	878888
Ion	Ratio	Lower	Upper
91	100		
120	23.8	12.0	36.0





#79

2-Chlorotoluene

Concen: 53.405 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 529820

Ion Ratio Lower Upper

91 100

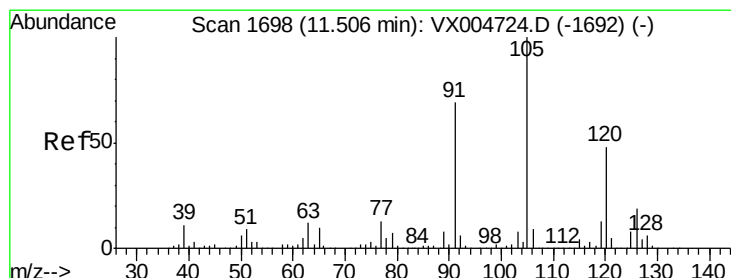
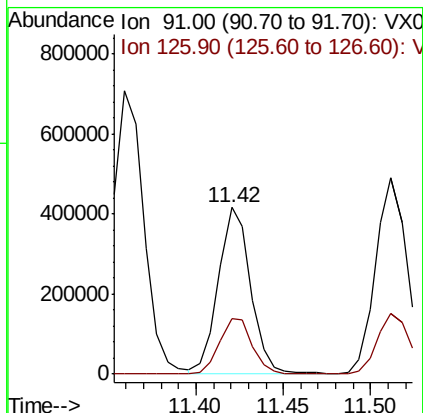
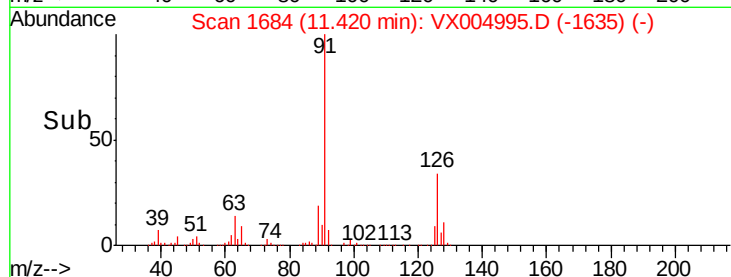
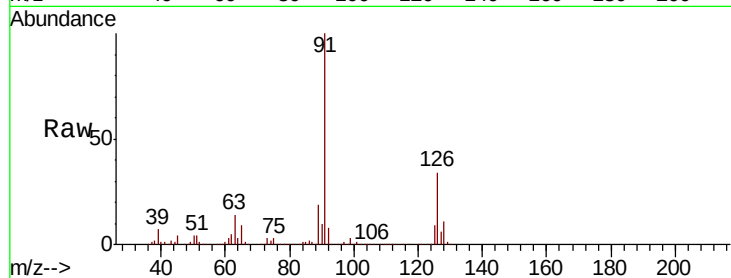
126 35.0 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.356 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004995.D

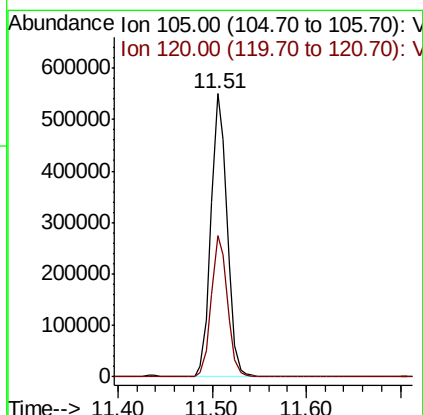
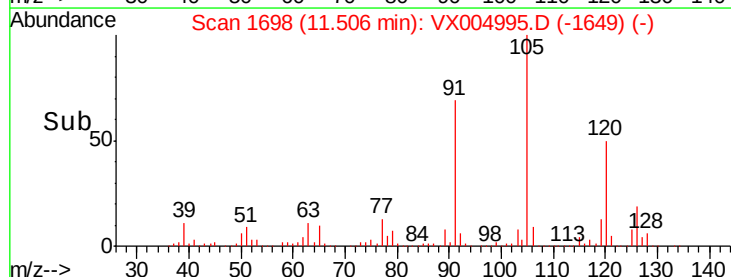
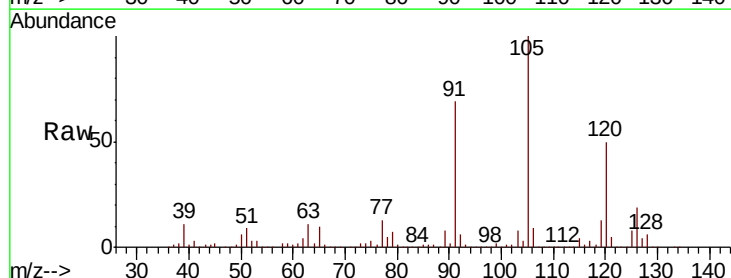
Acq: 04 Oct 2018 03:21

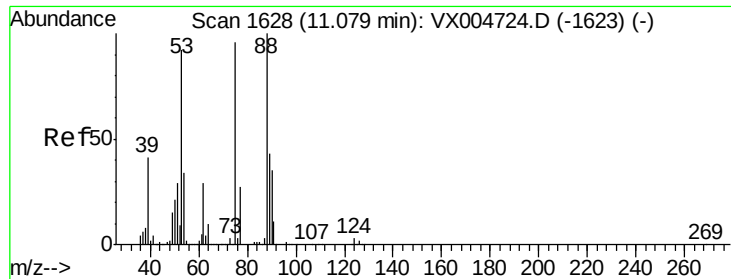
Tgt Ion: 105 Resp: 652870

Ion Ratio Lower Upper

105 100

120 49.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 41.918 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

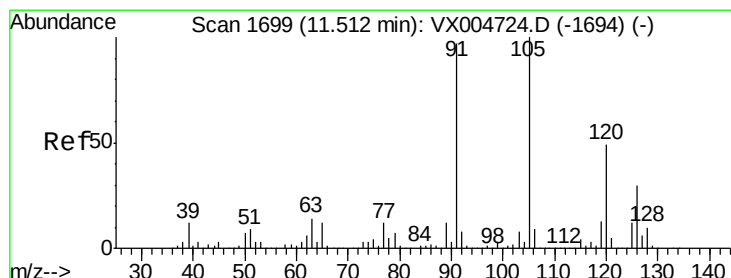
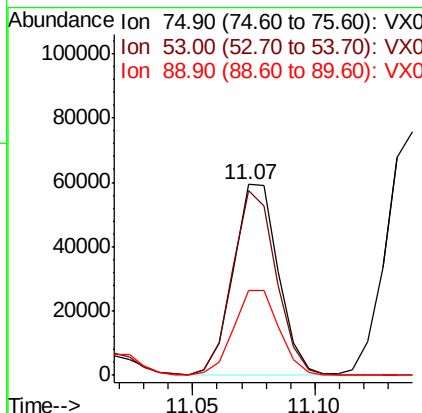
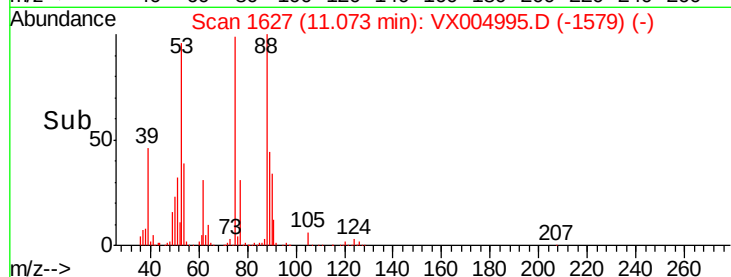
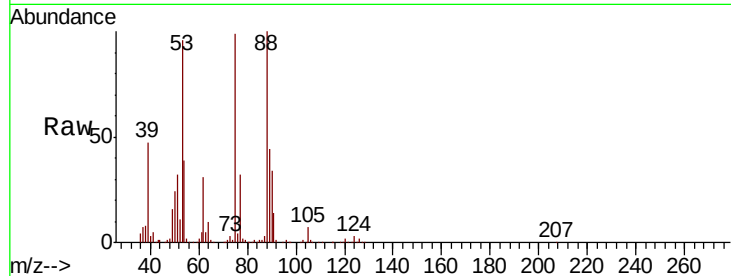
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	75207
Ion	Ratio	Lower	Upper
75	100		
53	94.7	80.2	120.4
89	45.6	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 53.339 ug/l

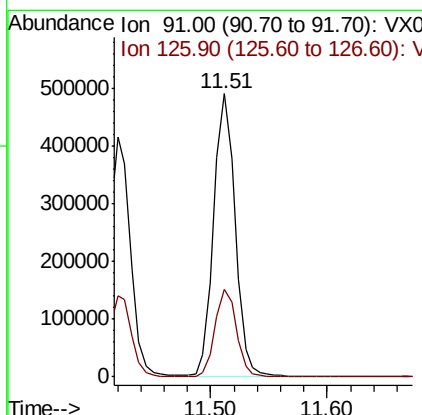
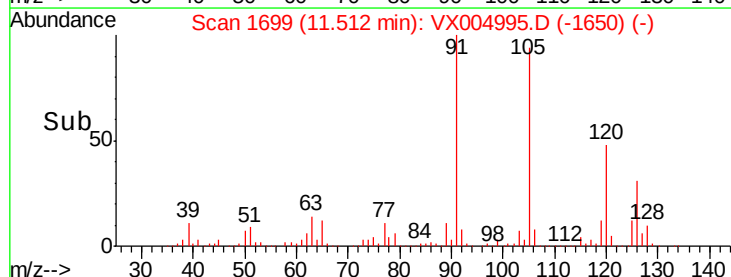
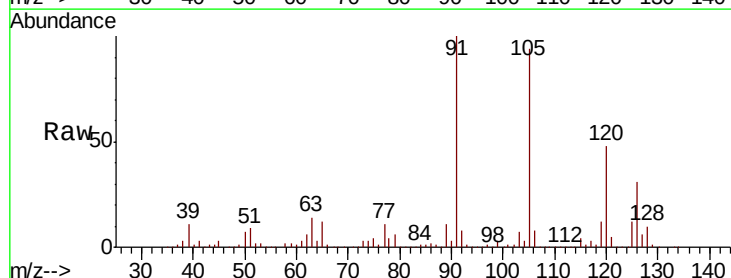
RT: 11.51 min Scan# 1699

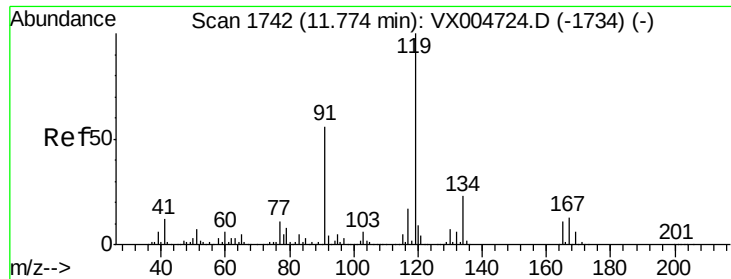
Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Tgt Ion:	91	Resp:	622847
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.5	46.5





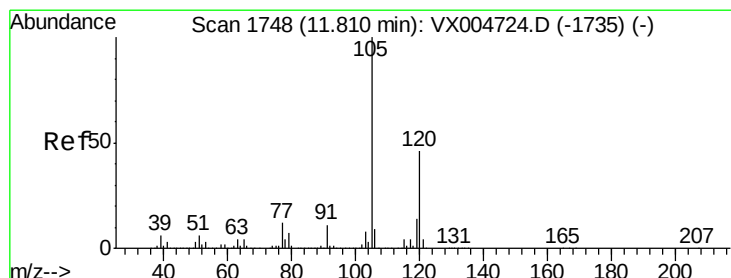
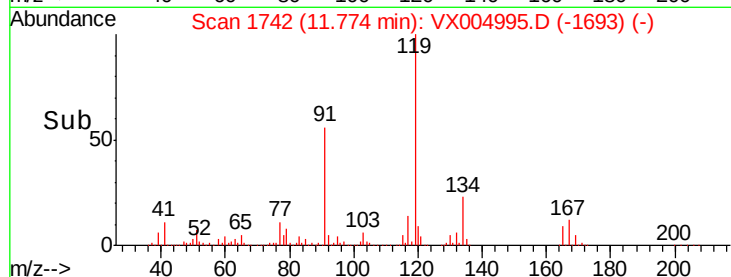
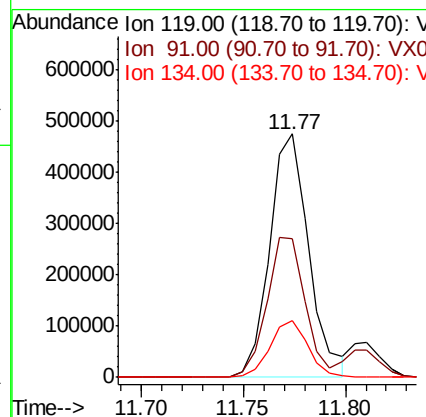
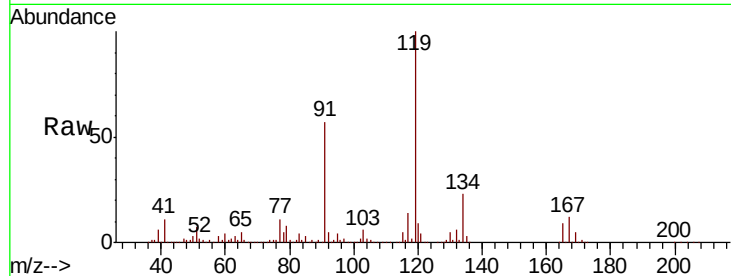
#83
 tert-Butylbenzene
 Concen: 55.579 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.1	27.5	82.5
134	22.6	11.5	34.4

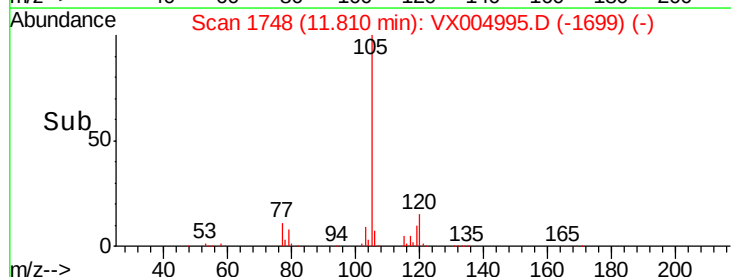
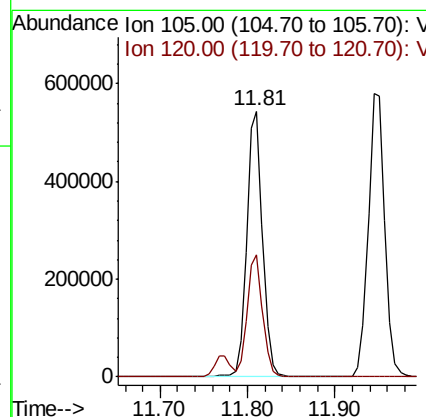
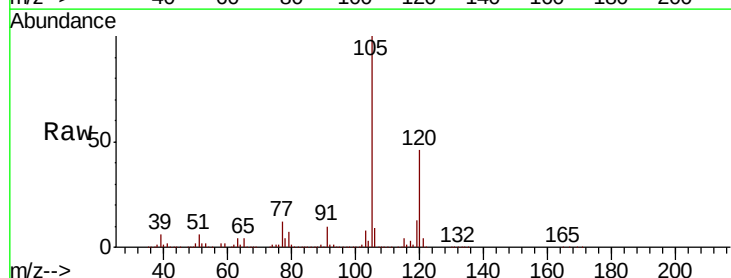
Manual Integrations
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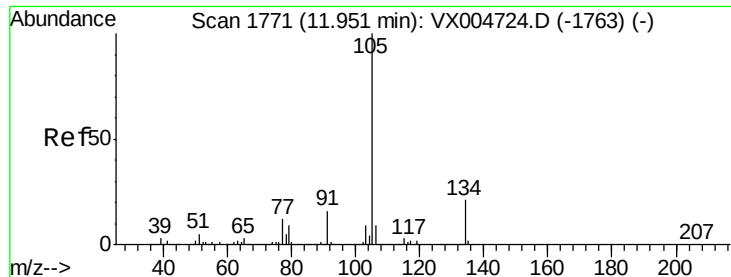
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.816 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.8	68.3





#85

sec-Butylbenzene

Concen: 54.991 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 764992

Ion Ratio Lower Upper

105 100

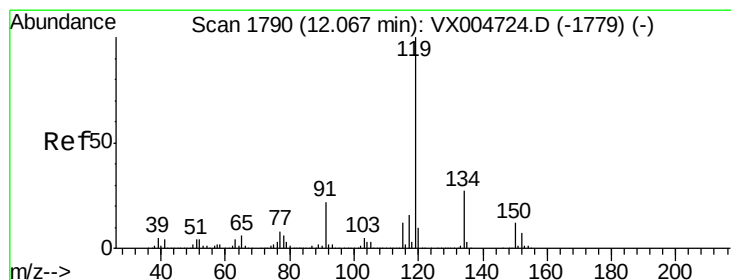
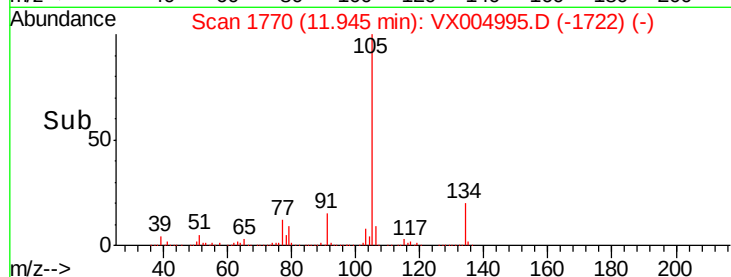
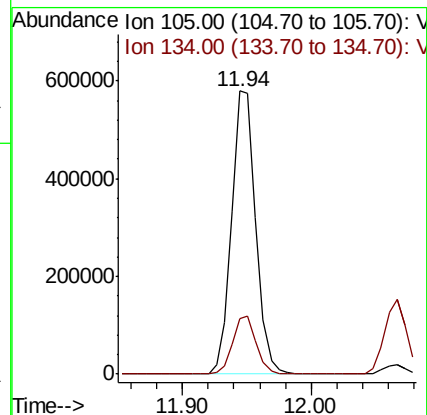
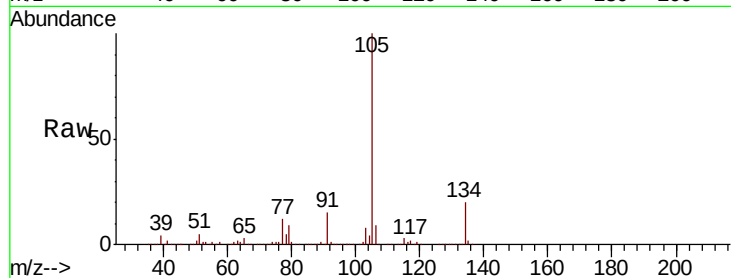
134 20.2 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 54.245 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

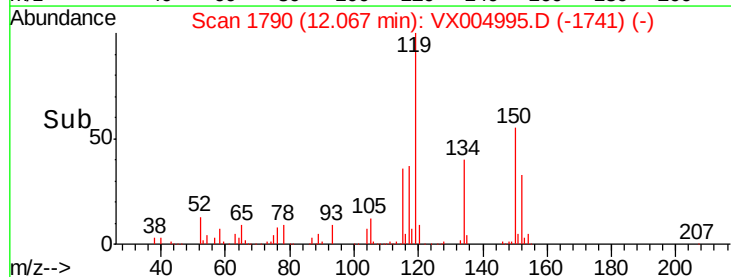
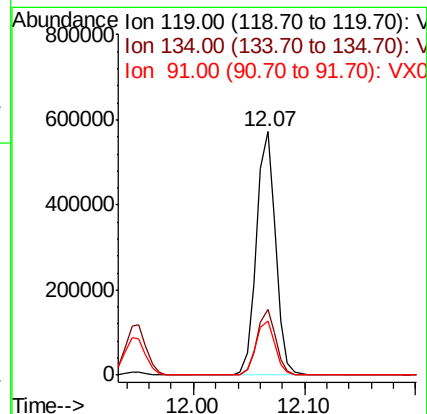
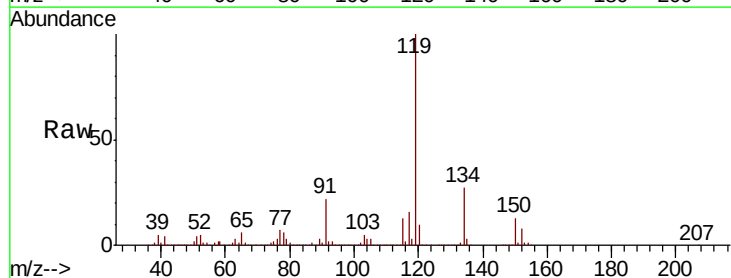
Tgt Ion:119 Resp: 683673

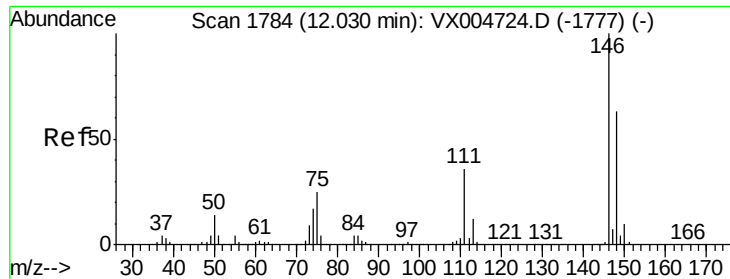
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 22.4 11.5 34.4





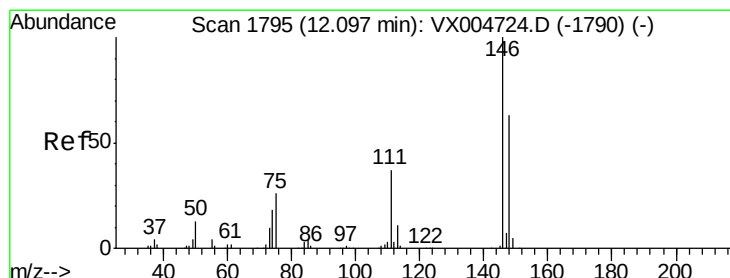
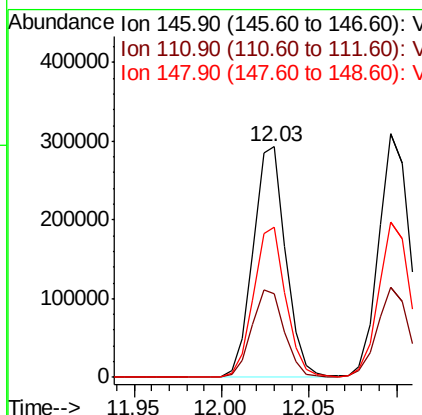
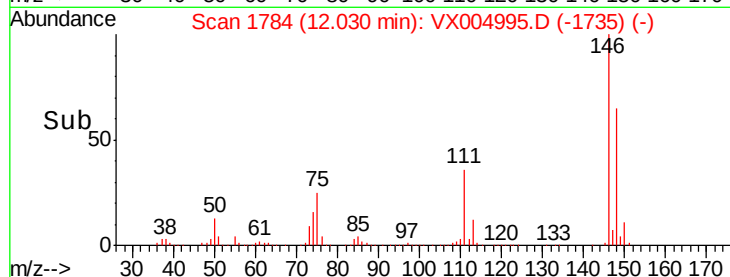
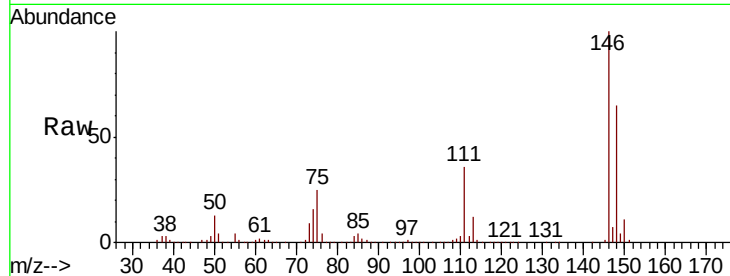
#87
 1,3-Dichlorobenzene
 Concen: 50.614 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	380796		
111	37.9		18.9	56.9
148	64.2		31.8	95.3

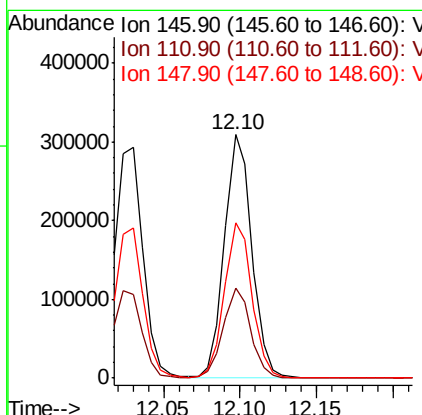
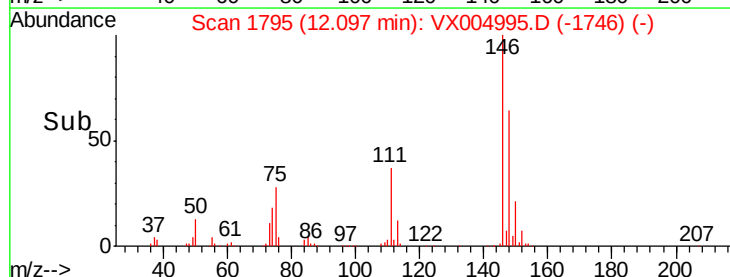
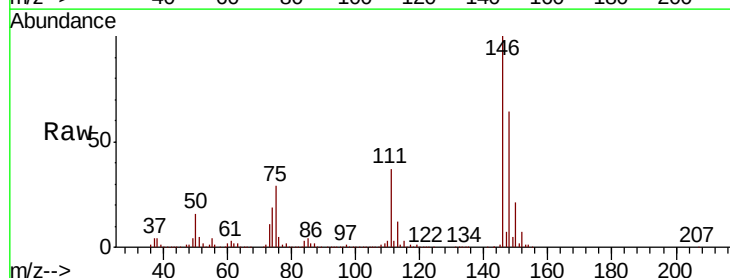
Manual Integrations
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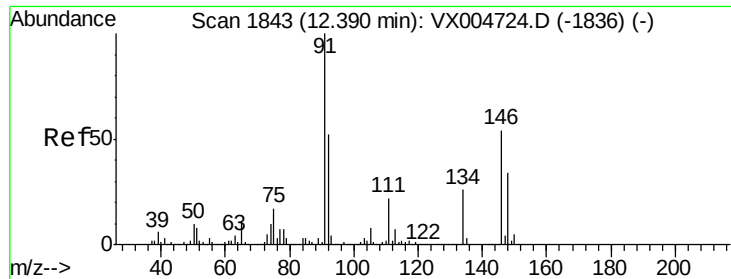
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 49.490 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	384365		
111	37.0		18.4	55.2
148	64.4		32.0	96.0





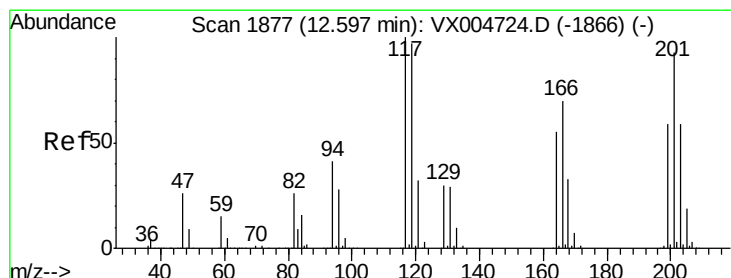
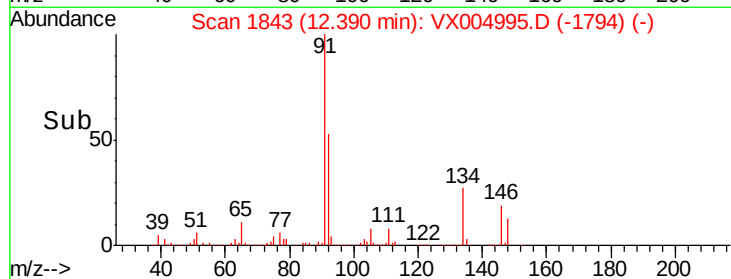
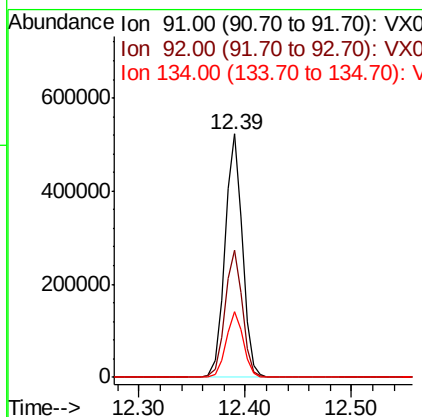
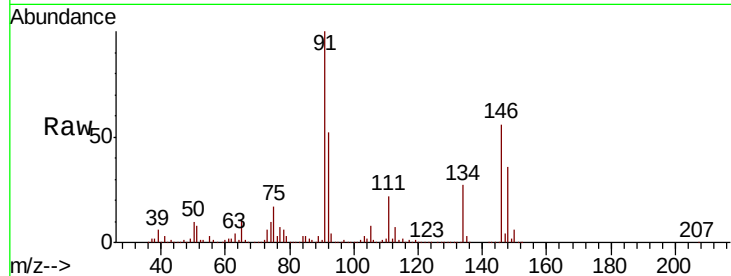
#89
n-Butylbenzene
Concen: 52.101 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.0	78.0
134	26.8	13.2	39.6

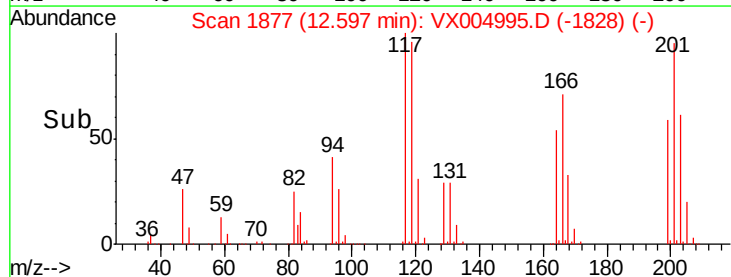
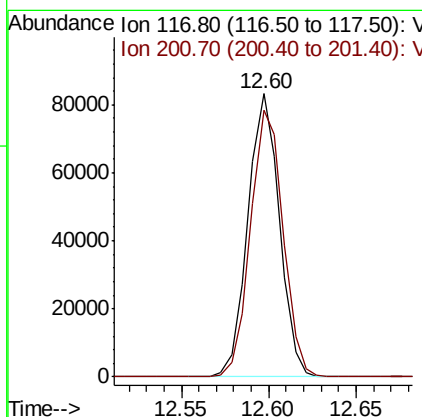
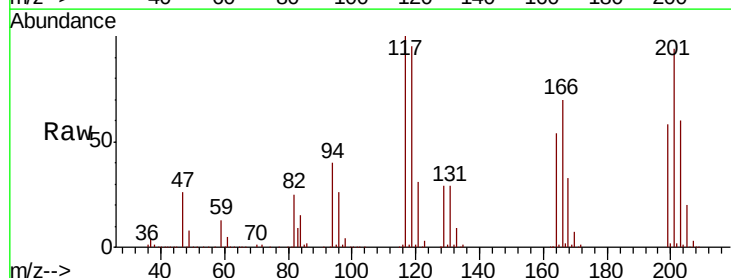
Manual Integrations
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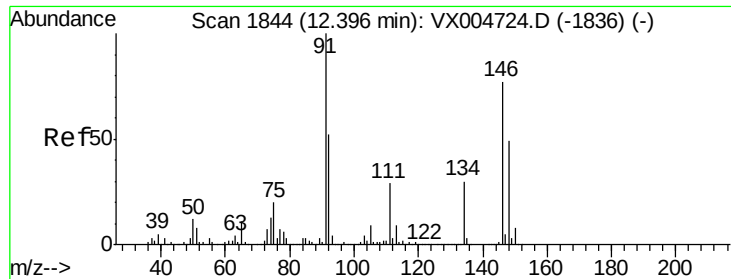
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#90
Hexachloroethane
Concen: 49.567 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.6	48.4	145.0





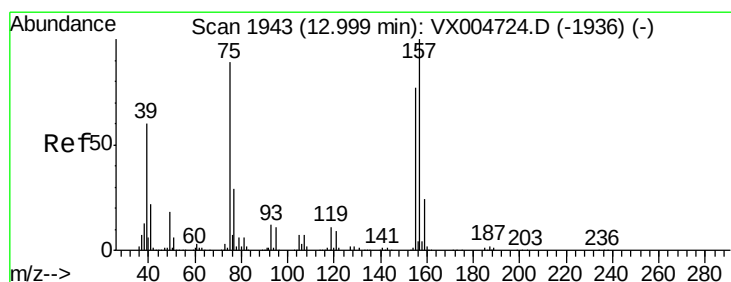
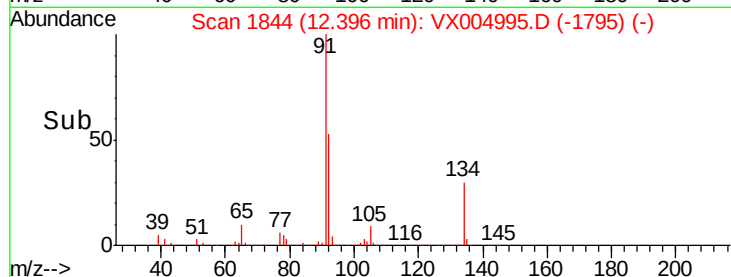
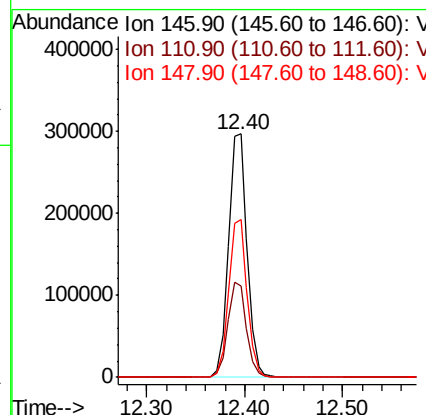
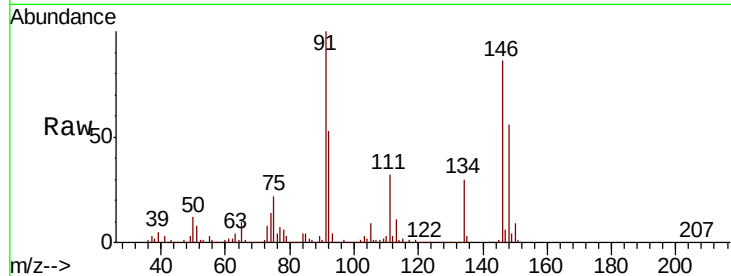
#91
 1,2-Dichlorobenzene
 Concen: 49.400 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.7
148	64.1	31.8	95.4

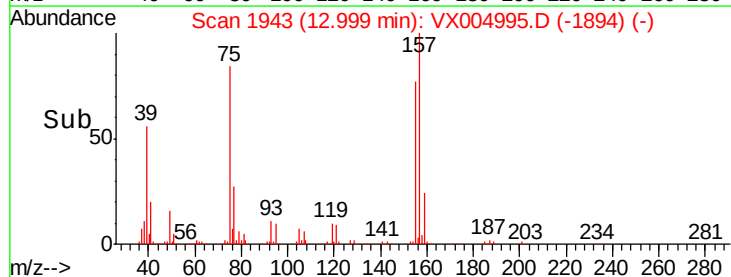
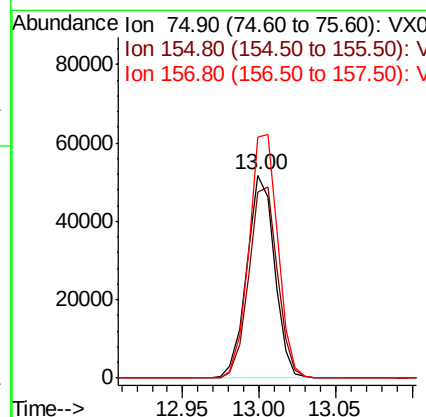
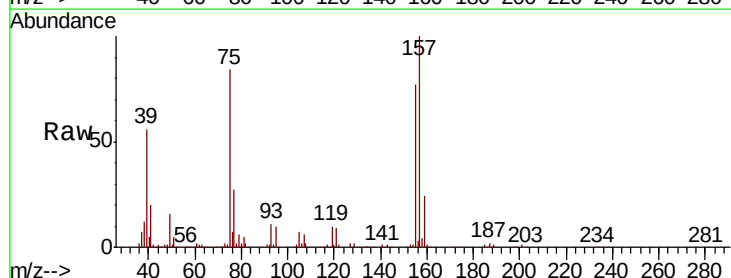
Manual Integrations
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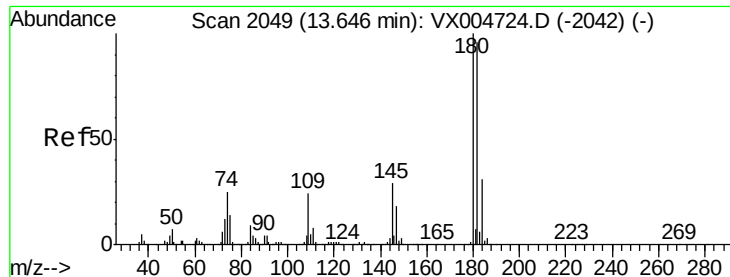
MMDadoda
 10/5/2018 3:24:47 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.484 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.4	46.1	138.3
157	125.1	60.2	180.6





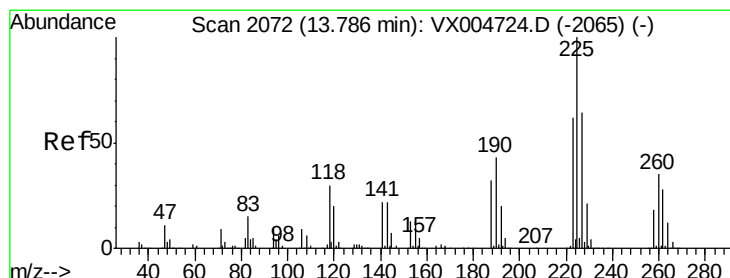
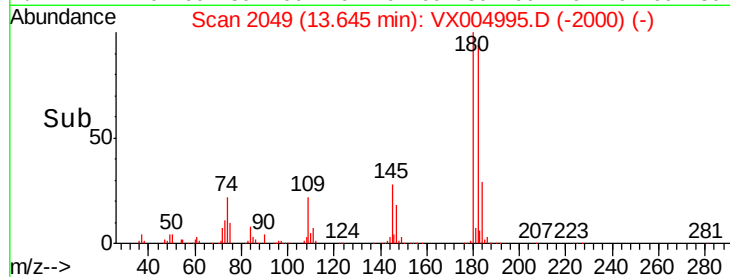
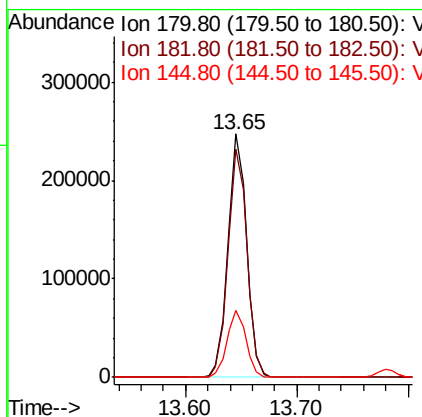
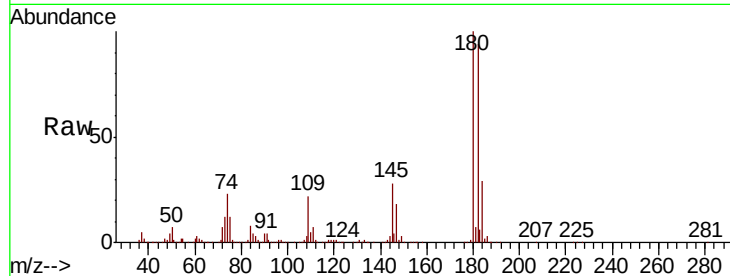
#93
 1,2,4-Trichlorobenzene
 Concen: 51.943 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	286485		
182	95.2	47.8	143.4	
145	28.0	14.1	42.4	

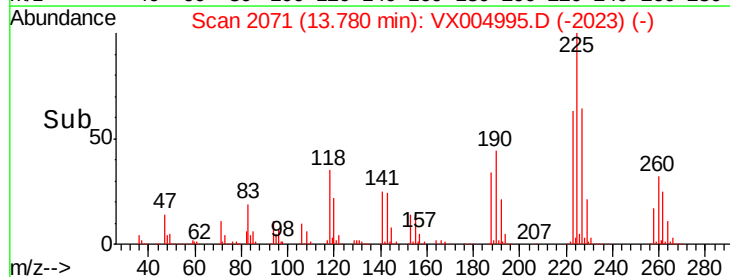
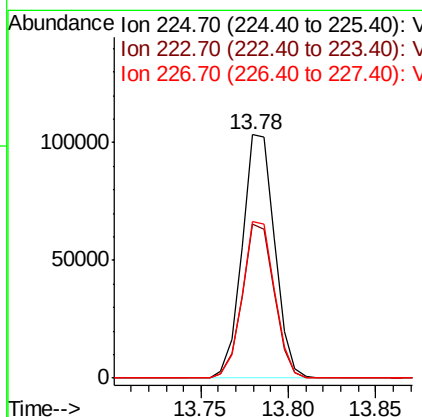
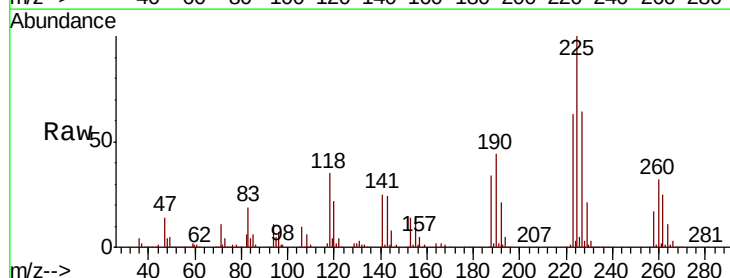
Manual Integrations
 APPROVED

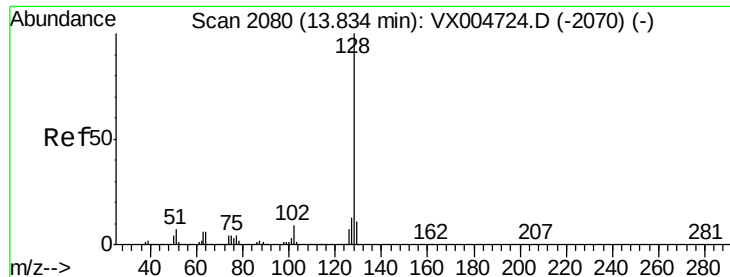
MMDadoda
 10/5/2018 3:24:47 PM



#94
 Hexachlorobutadiene
 Concen: 46.641 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	133394		
223	62.5	31.3	93.8	
227	63.8	31.9	95.5	





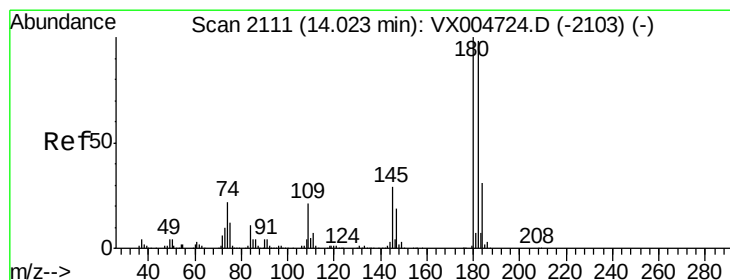
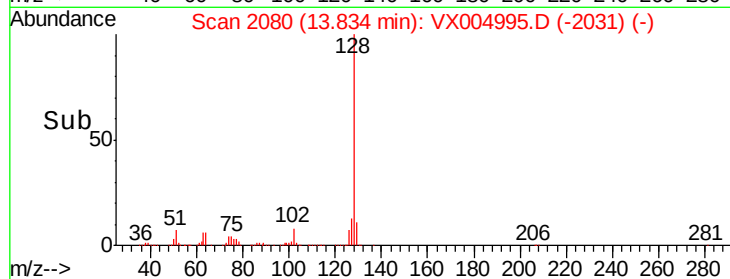
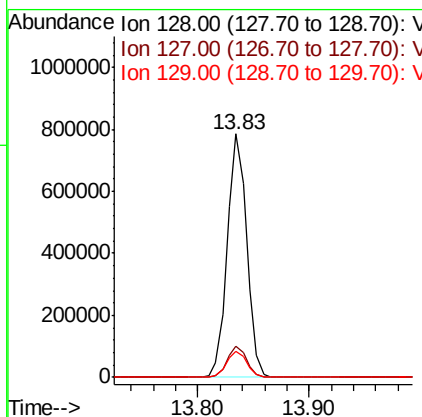
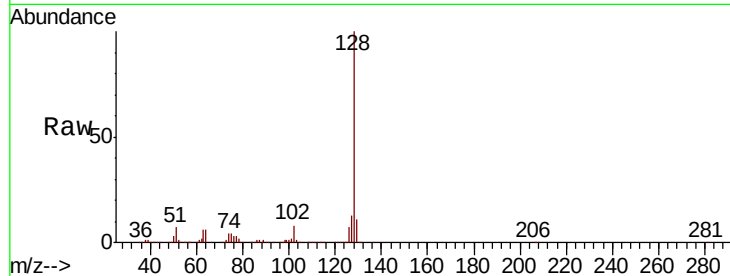
#95
Naphthalene
Concen: 51.718 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/5/2018 3:24:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.770 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.9	143.8
145	29.8	15.0	45.0

