

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092718\
 Data File : VX004763.D
 Acq On : 27 Sep 2018 10:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 9/28/2018 2:26:07 PM

Quant Time: Sep 28 06:30:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	312303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	452297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	422330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	260389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	211363	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
35) Dibromofluoromethane	5.50	113	177359	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
50) Toluene-d8	8.71	98	660634	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	11.14	95	248357	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	244269	57.365	ug/l	100
3) Chloromethane	1.32	50	237208	45.916	ug/l	99
4) Vinyl Chloride	1.40	62	244318	50.423	ug/l	96
5) Bromomethane	1.64	94	122538	42.648	ug/l	99
6) Chloroethane	1.71	64	133938	50.758	ug/l	99
7) Trichlorofluoromethane	1.92	101	304402	50.746	ug/l	99
8) Diethyl Ether	2.19	74	128124	49.166	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	175277	51.297	ug/l	98
10) Methyl Iodide	2.51	142	161502	35.321	ug/l	100
11) Tert butyl alcohol	3.08	59	317083	254.194	ug/l	98
12) 1,1-Dichloroethene	2.37	96	163477	48.310	ug/l	95
13) Acrolein	2.29	56	216345	243.762	ug/l	97
14) Allyl chloride	2.73	41	369946	50.105	ug/l	94
15) Acrylonitrile	3.15	53	681531	248.189	ug/l	99
16) Acetone	2.45	43	623982	239.572	ug/l	98
17) Carbon Disulfide	2.57	76	496126	48.792	ug/l	99
18) Methyl Acetate	2.78	43	328425	49.769	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	621488	53.245	ug/l	96
20) Methylene Chloride	2.85	84	194699	51.438	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	178414	48.164	ug/l	97
22) Diisopropyl ether	3.87	45	639831	51.462	ug/l	92
23) Vinyl Acetate	3.82	43	2919761	256.555	ug/l	96
24) 1,1-Dichloroethane	3.70	63	341528	46.050	ug/l	99
25) 2-Butanone	4.70	43	948683	247.104	ug/l	94
26) 2,2-Dichloropropane	4.58	77	262222	50.774	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	200066	48.346	ug/l	95
28) Bromochloromethane	5.02	49	160681	46.008	ug/l	92
29) Tetrahydrofuran	5.15	42	605724	253.844	ug/l	93
30) Chloroform	5.21	83	324205	46.254	ug/l	97
31) Cyclohexane	5.57	56	321554	56.648	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	276304	48.269	ug/l	99
36) 1,1-Dichloropropene	5.79	75	251785	48.142	ug/l	99
37) Ethyl Acetate	4.85	43	333445	48.031	ug/l	99
38) Carbon Tetrachloride	5.78	117	240316	43.712	ug/l	98

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Quant Time: Sep 28 06:30:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	312949	58.600	ug/l	96
40) Benzene	6.14	78	751387	45.890	ug/l	100
41) Methacrylonitrile	5.06	41	185836	48.268	ug/l	96
42) 1,2-Dichloroethane	6.20	62	266658	46.069	ug/l	97
43) Isopropyl Acetate	6.46	43	515233	51.419	ug/l	97
44) Trichloroethene	7.21	130	203488	50.554	ug/l	95
45) 1,2-Dichloropropane	7.52	63	203227	50.613	ug/l	100
46) Dibromomethane	7.66	93	129690	51.394	ug/l	98
47) Bromodichloromethane	7.90	83	245848	52.036	ug/l	99
48) Methyl methacrylate	7.77	41	264970	58.260	ug/l	94
49) 1,4-Dioxane	7.76	88	118556	1049.256	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1753850	277.984	ug/l	96
52) Toluene	8.79	92	466915	51.897	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	294067	55.079	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	316749	56.641	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	194360	49.318	ug/l	97
56) Ethyl methacrylate	9.18	69	327343	51.118	ug/l	96
57) 1,3-Dichloropropane	9.37	76	329434	50.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	938243	274.803	ug/l	94
59) 2-Hexanone	9.50	43	1430681	272.119	ug/l	95
60) Dibromochloromethane	9.58	129	201716	51.180	ug/l	100
61) 1,2-Dibromoethane	9.68	107	205956	48.798	ug/l	99
64) Tetrachloroethene	9.33	164	189333	45.549	ug/l	96
65) Chlorobenzene	10.14	112	525321	48.507	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	187345	49.207	ug/l	99
67) Ethyl Benzene	10.25	91	895869	52.105	ug/l	96
68) m/p-Xylenes	10.36	106	698909	104.024	ug/l	96
69) o-Xylene	10.70	106	338043	54.778	ug/l	97
70) Styrene	10.71	104	569829	49.397	ug/l	97
71) Bromoform	10.86	173	166926	51.212	ug/l	99
73) Isopropylbenzene	11.02	105	899148	54.784	ug/l	99
74) N-amyl acetate	10.90	43	463972	51.382	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	325804	48.765	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	301444m	51.650	ug/l	
77) Bromobenzene	11.26	156	243354	51.048	ug/l	98
78) n-propylbenzene	11.36	91	1039470	55.198	ug/l	100
79) 2-Chlorotoluene	11.42	91	614790	52.376	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	766767	50.976	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	102842	48.137	ug/l	94
82) 4-Chlorotoluene	11.51	91	730426	52.867	ug/l	100
83) tert-Butylbenzene	11.77	119	756559	55.987	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	793530	51.156	ug/l	98
85) sec-Butylbenzene	11.95	105	912377	55.432	ug/l	99
86) p-Isopropyltoluene	12.07	119	829177	55.604	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	449819	50.532	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	453574	49.360	ug/l	98
89) n-Butylbenzene	12.39	91	768422	56.739	ug/l	98
90) Hexachloroethane	12.60	117	128020	51.562	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	452749	48.669	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	74876	51.042	ug/l	98

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ClientSampleId :
VSTDCCC050

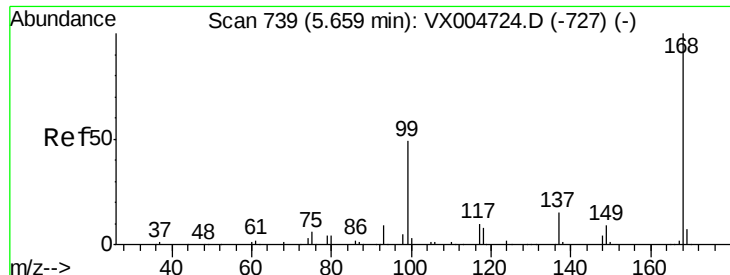
Manual Integrations
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9/28/2018 2:26:07 PM

Quant Time: Sep 28 06:30:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	351971	53.936	ug/l	99
94) Hexachlorobutadiene	13.79	225	173186	51.179	ug/l	97
95) Naphthalene	13.83	128	1108488	51.162	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	356691	52.913	ug/l	99

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



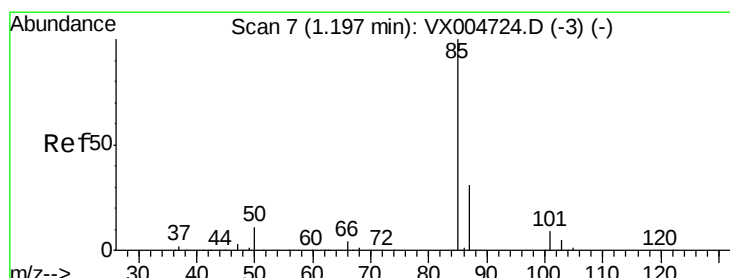
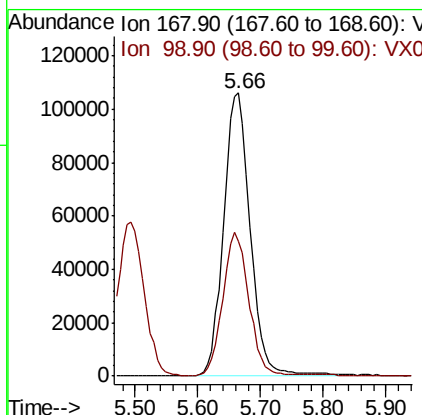
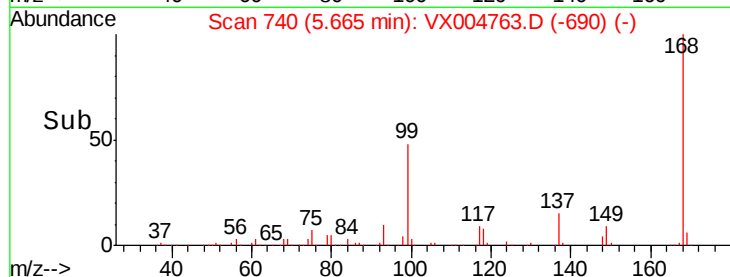
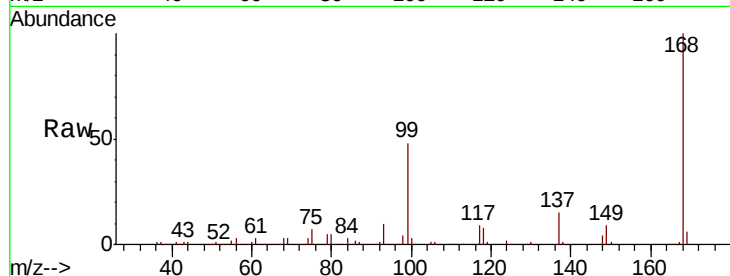
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.6	39.9	59.9

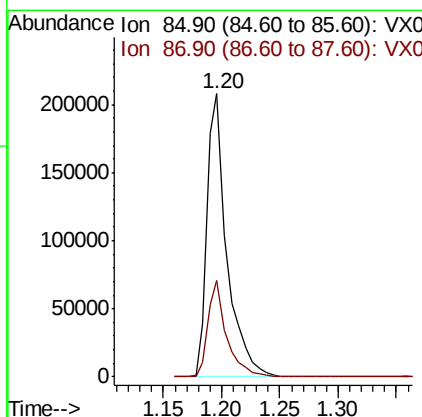
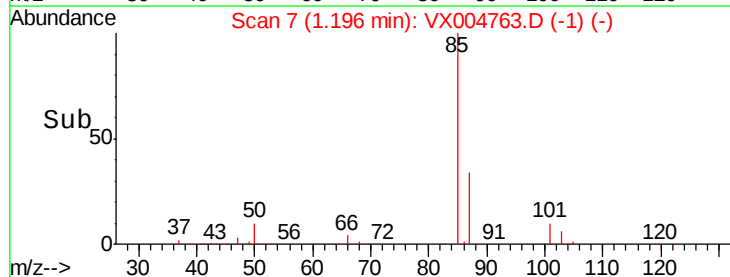
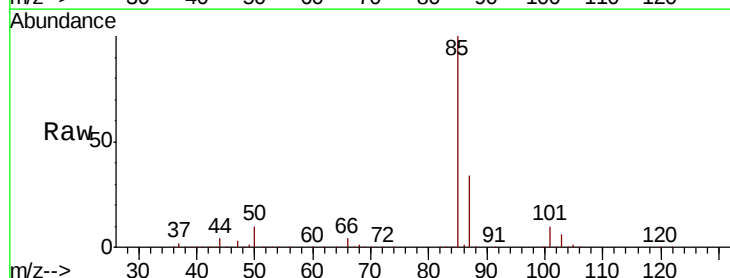
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#2
Dichlorodifluoromethane
Concen: 57.365 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.1	17.0	50.9





#3

Chloromethane

Concen: 45.916 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 237208

Ion Ratio Lower Upper

50 100

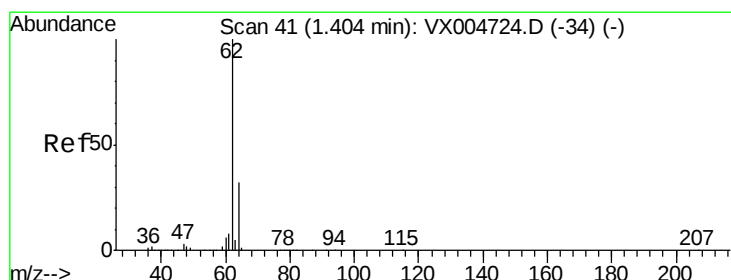
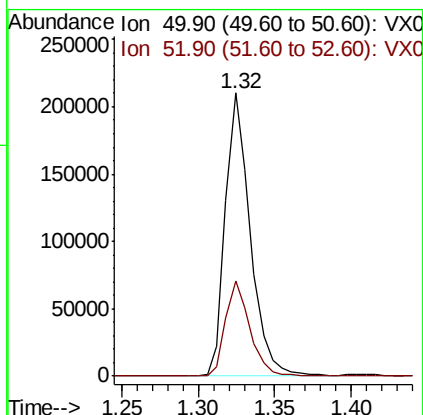
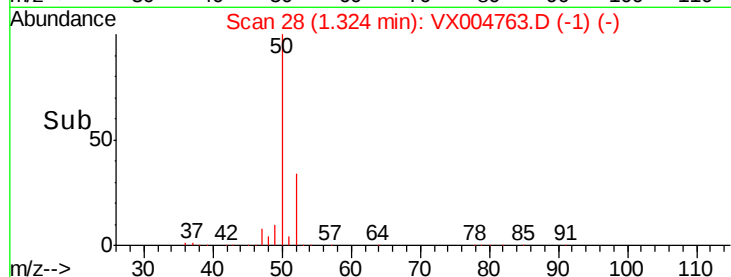
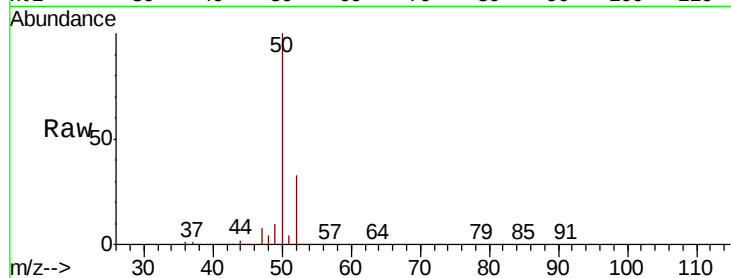
52 33.5 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.423 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004763.D

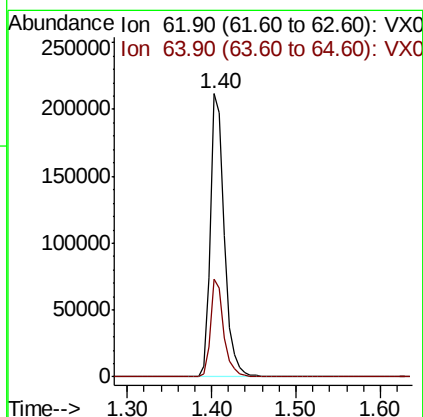
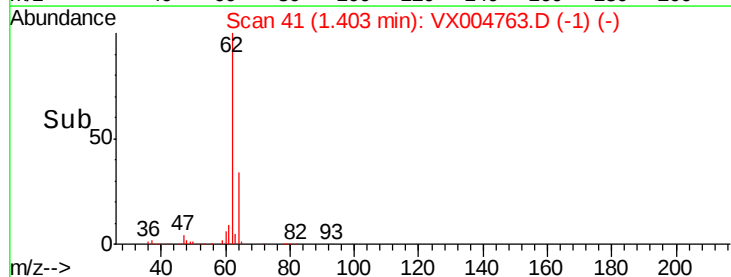
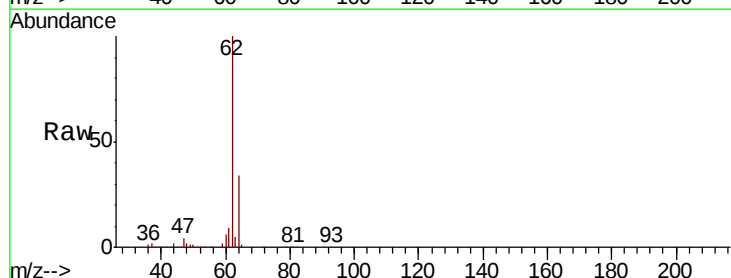
Acq: 27 Sep 2018 10:08

Tgt Ion: 62 Resp: 244318

Ion Ratio Lower Upper

62 100

64 34.5 25.8 38.8





#5

Bromomethane

Concen: 42.648 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 122538

Ion Ratio Lower Upper

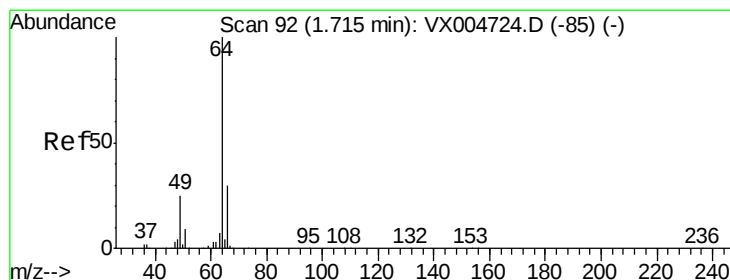
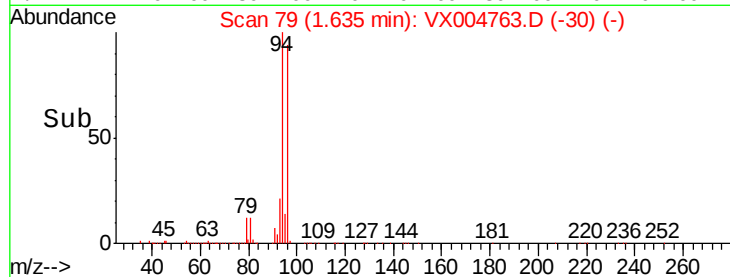
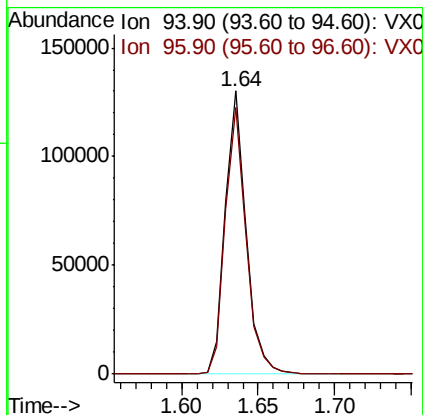
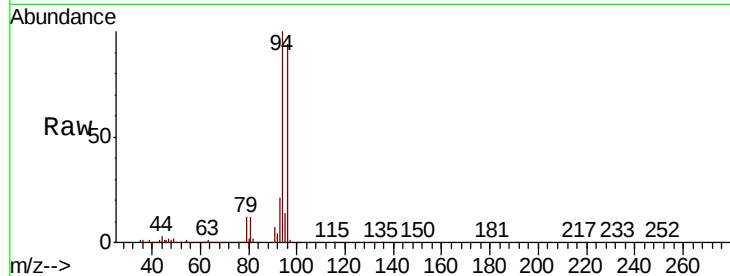
94 100

96 94.3 74.5 111.7

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#6

Chloroethane

Concen: 50.758 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX004763.D

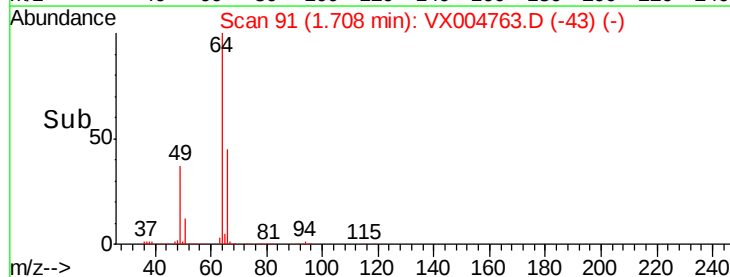
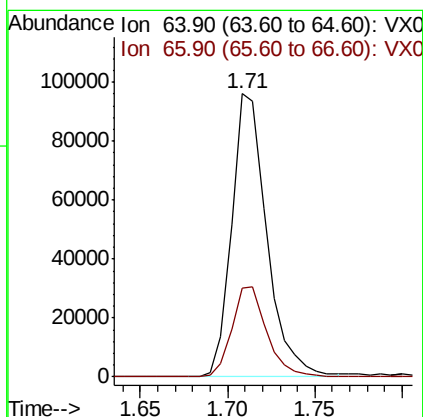
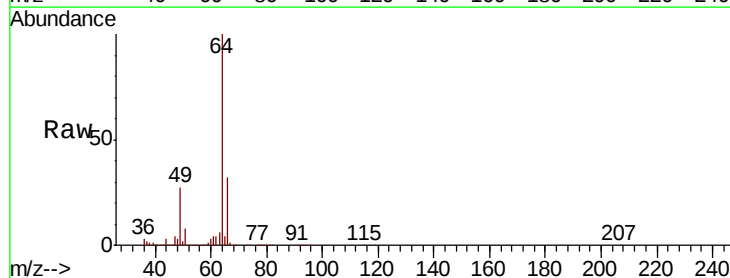
Acq: 27 Sep 2018 10:08

Tgt Ion: 64 Resp: 133938

Ion Ratio Lower Upper

64 100

66 31.5 24.6 36.8





#7

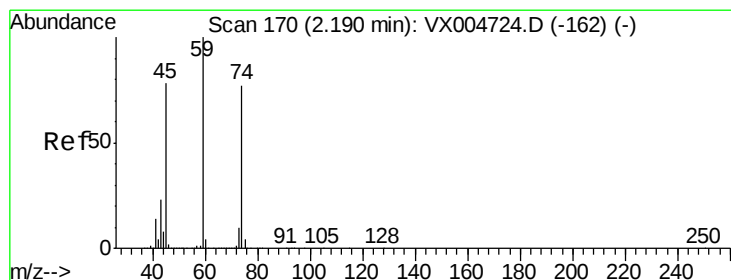
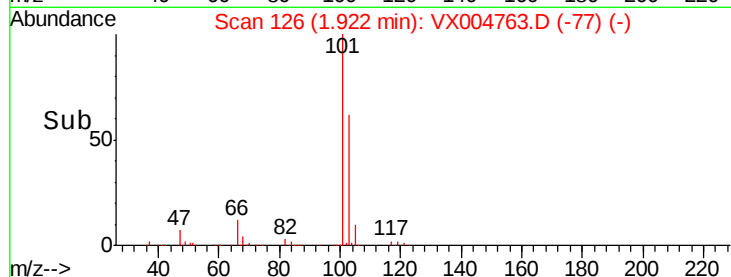
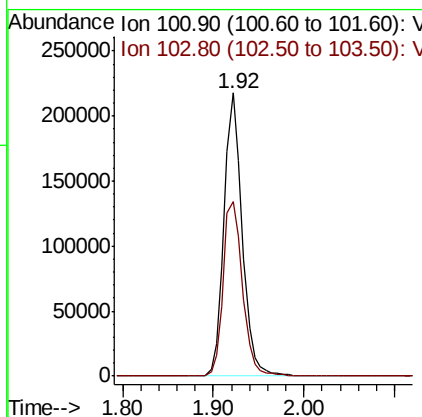
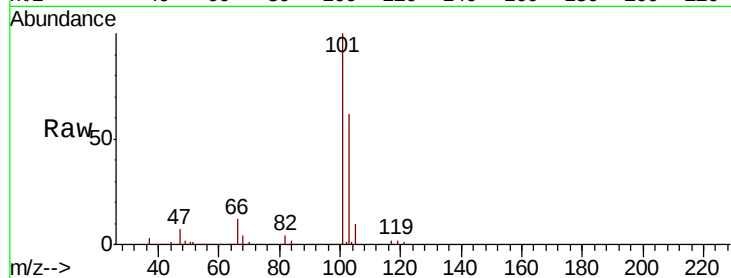
Trichlorofluoromethane
 Concen: 50.746 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.6	48.9	73.3

Manual Integrations
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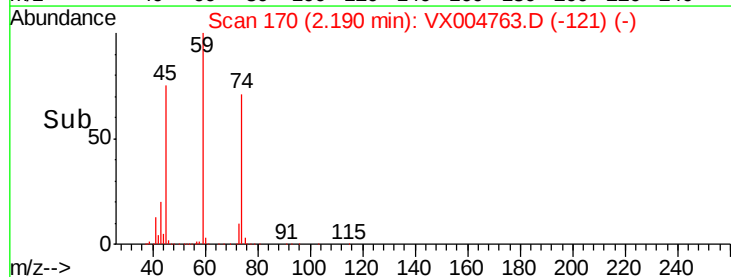
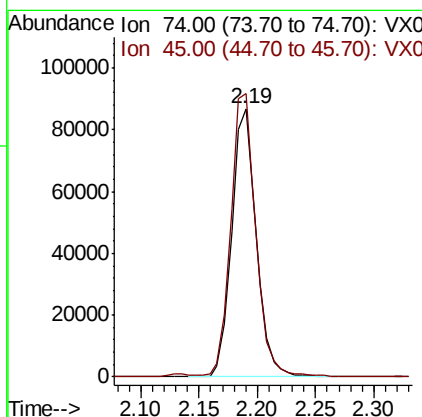
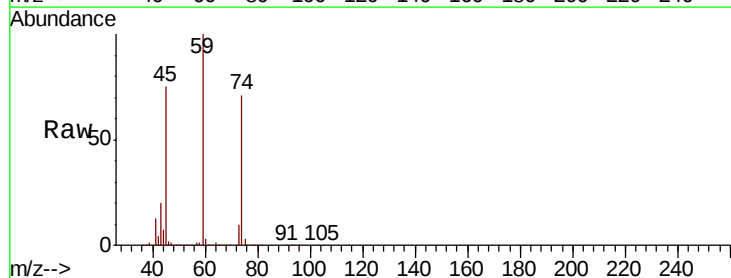
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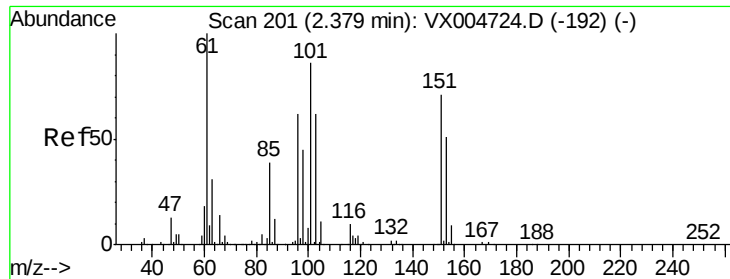


#8

Diethyl Ether
 Concen: 49.166 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.1	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.297 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

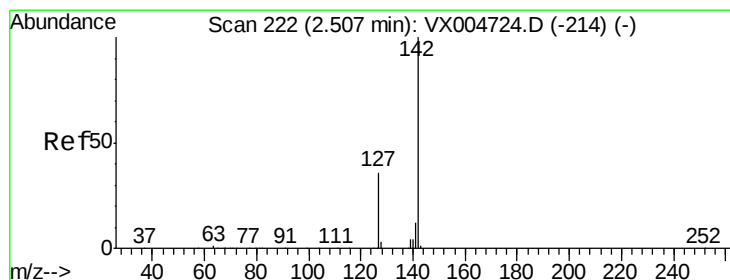
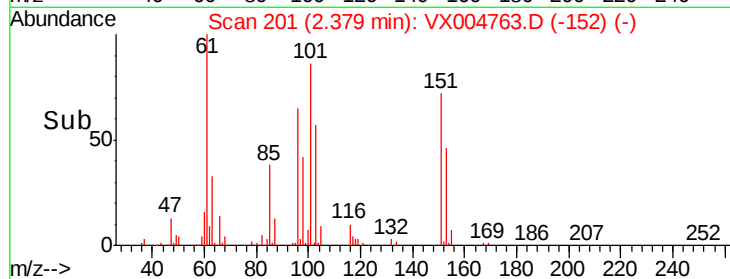
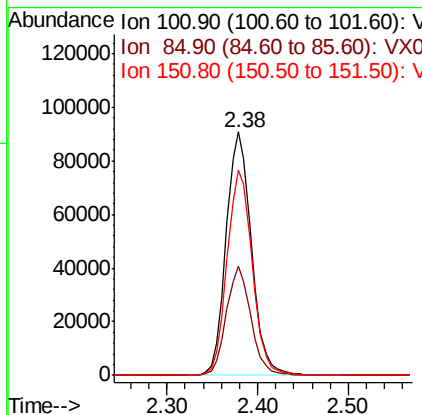
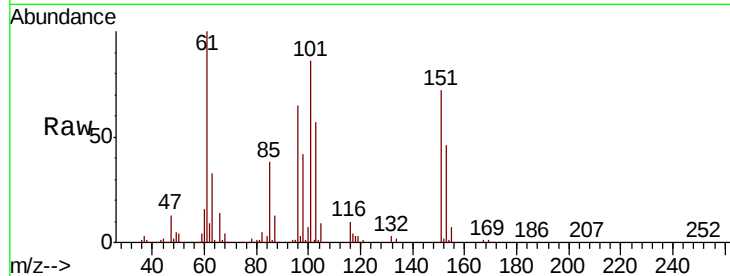
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	175277
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.2	51.4
151	84.2	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 35.321 ug/l

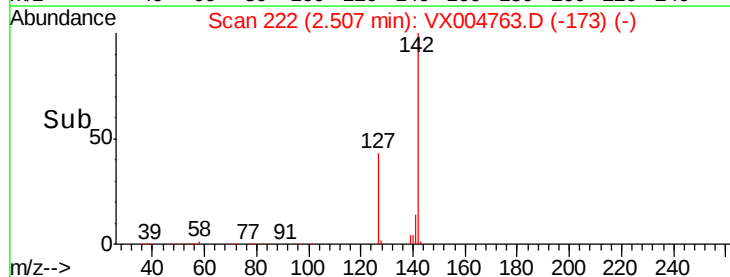
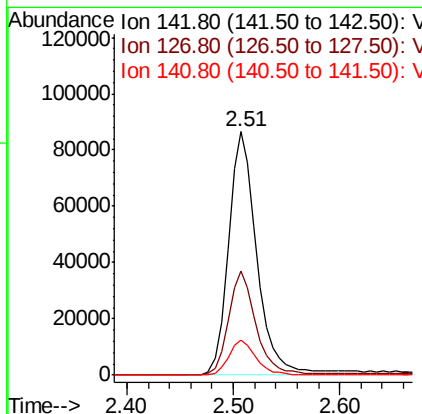
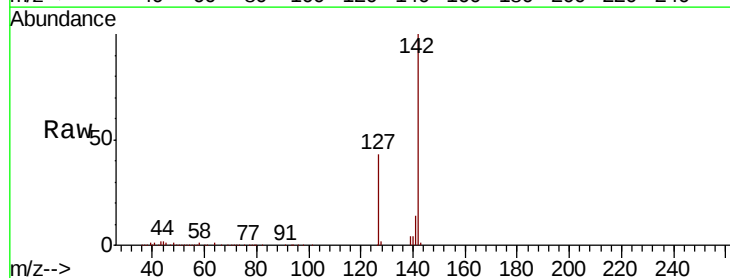
RT: 2.51 min Scan# 222

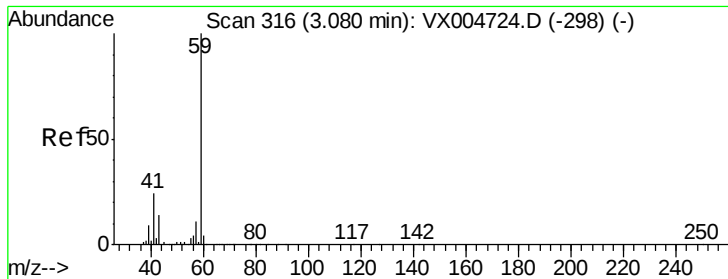
Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Tgt Ion:	142	Resp:	161502
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.8	50.6
141	14.2	11.4	17.0





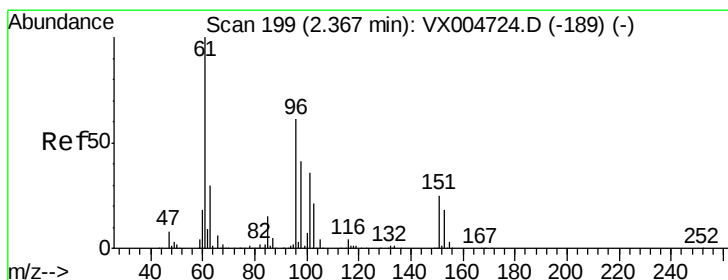
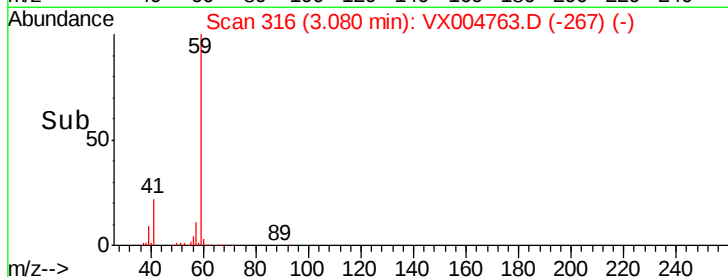
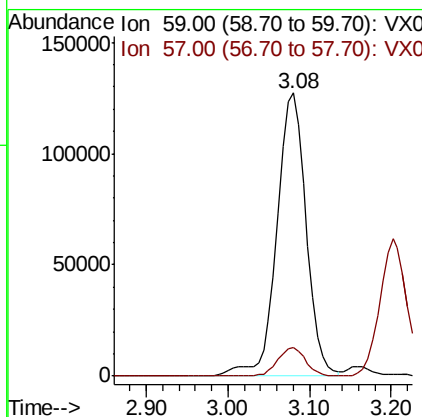
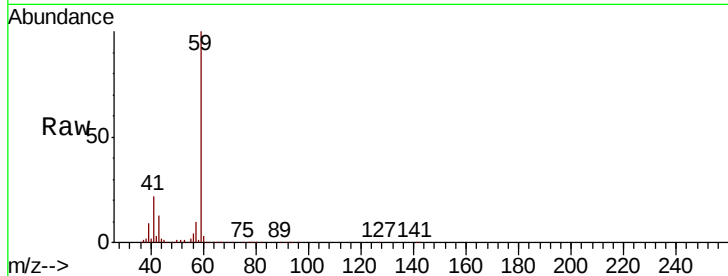
#11
Tert butyl alcohol
Concen: 254.194 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	317083		
57	9.5		8.2	12.4

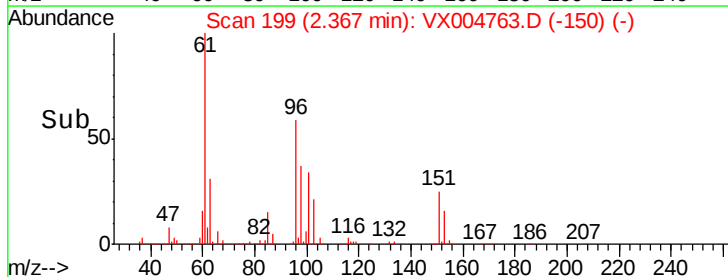
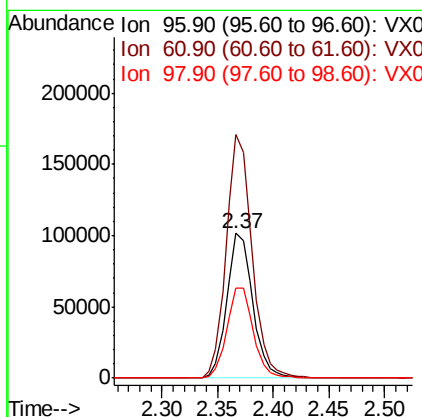
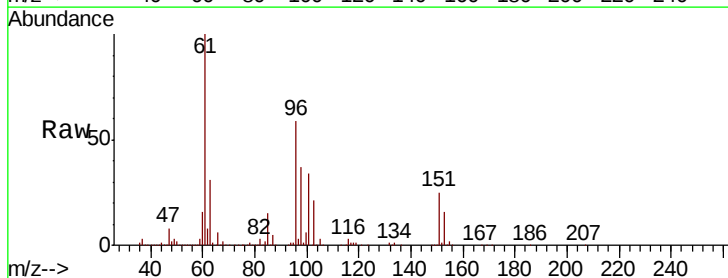
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 48.310 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	163477		
61	168.4		128.8	193.2
98	62.3		52.2	78.2





#13

Acrolein

Concen: 243.762 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 216345

Ion Ratio Lower Upper

56 100

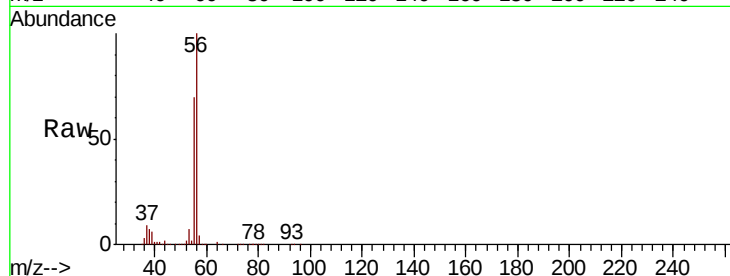
55 70.5 54.7 82.1

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

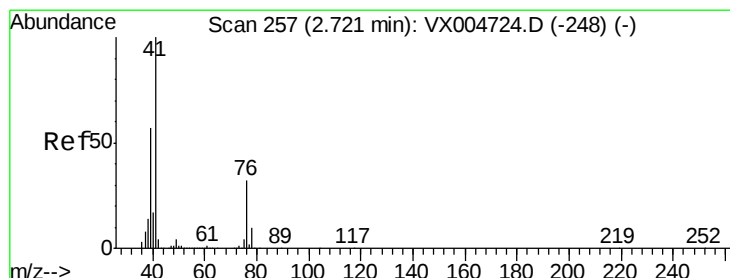
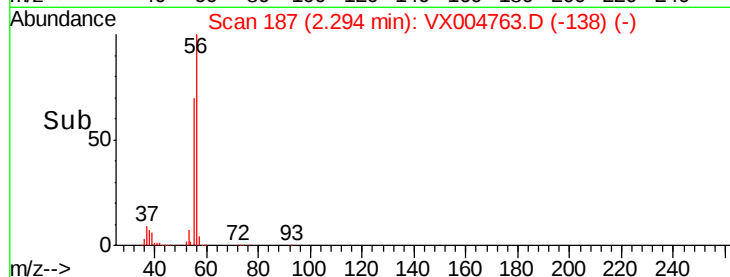
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 50.105 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

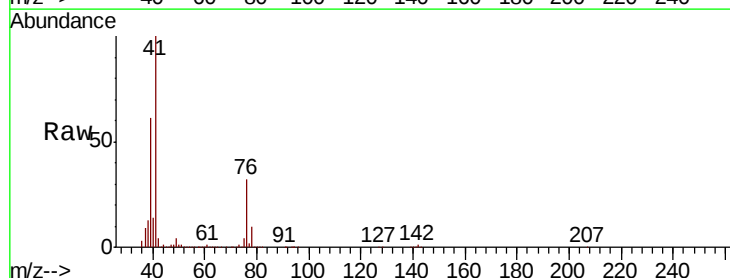
Tgt Ion: 41 Resp: 369946

Ion Ratio Lower Upper

41 100

39 57.5 48.9 73.3

76 29.1 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

250000

200000

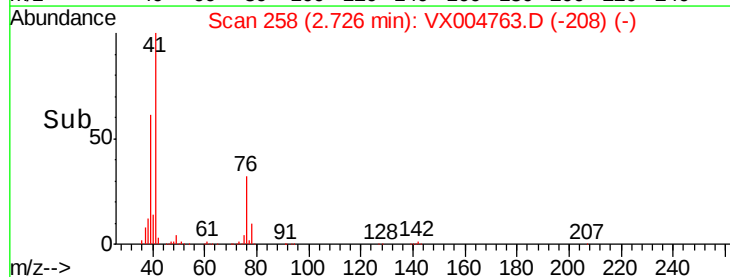
150000

100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 248.189 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

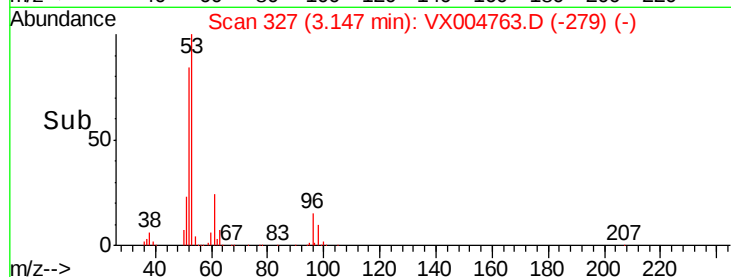
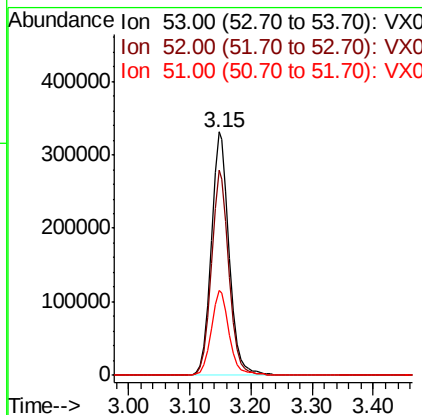
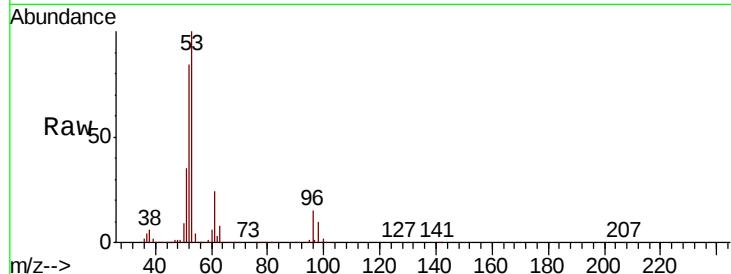
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	681531
Ion Ratio	Lower	Upper	
53	100		
52	82.9	65.2	97.8
51	35.1	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 239.572 ug/l

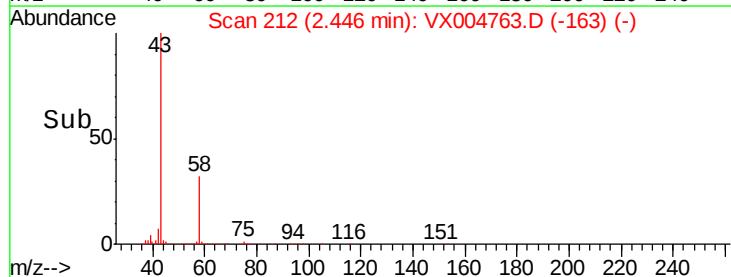
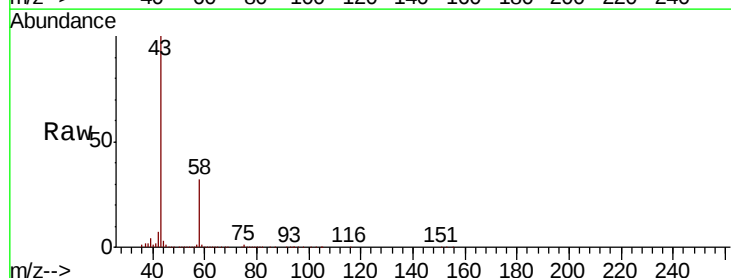
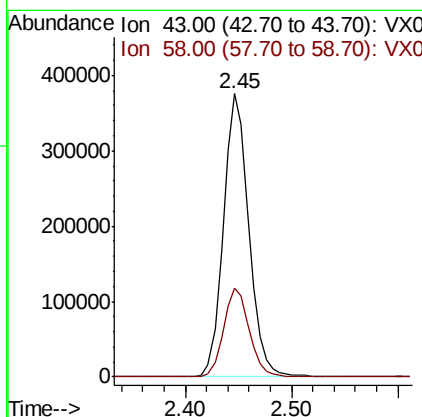
RT: 2.45 min Scan# 212

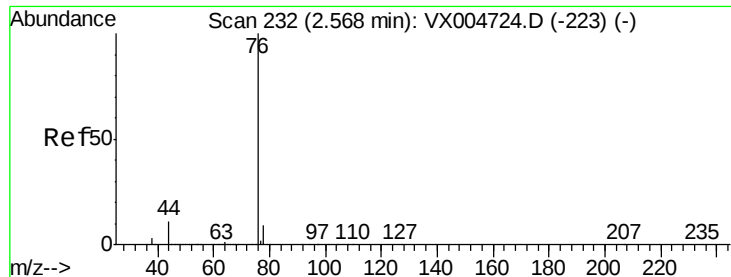
Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Tgt Ion:	43	Resp:	623982
Ion Ratio	Lower	Upper	
43	100		
58	31.6	26.2	39.4





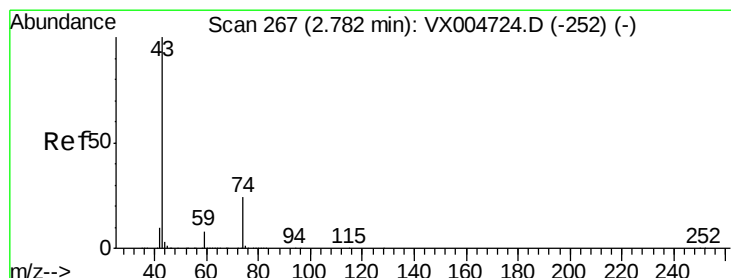
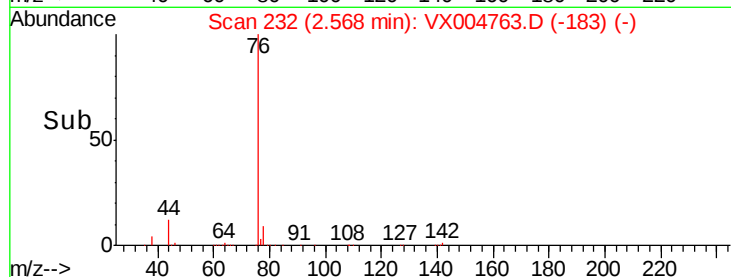
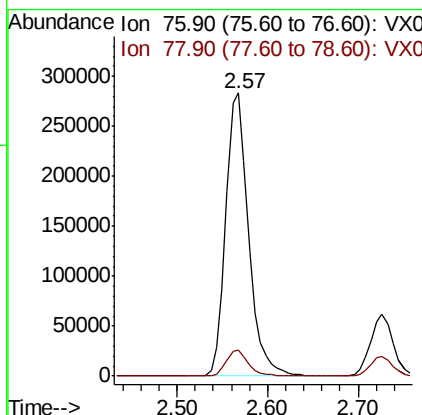
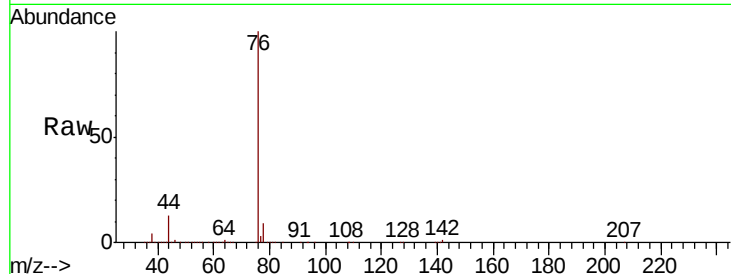
#17
Carbon Disulfide
Concen: 48.792 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

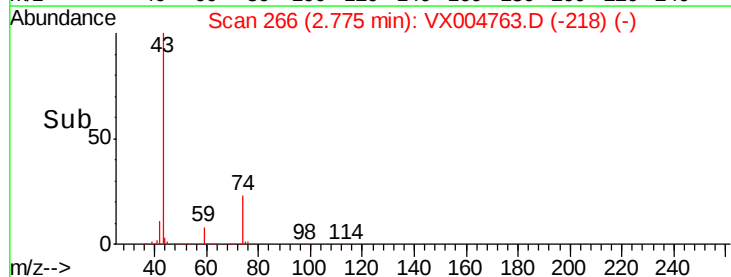
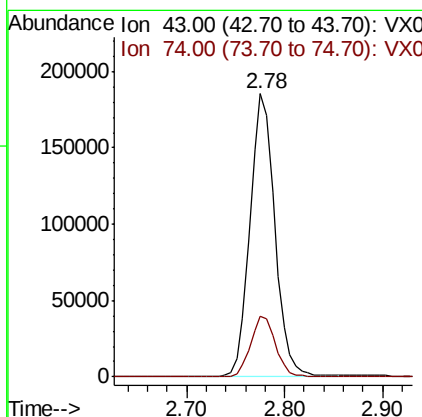
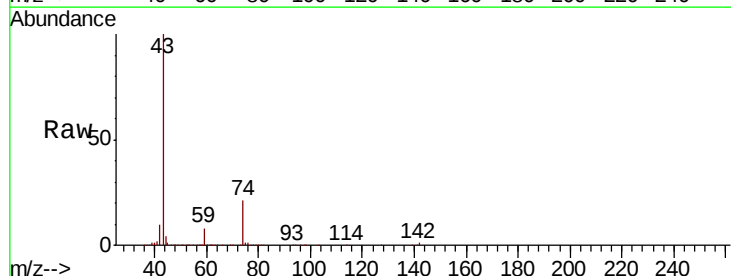
Manual Integrations
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#18
Methyl Acetate
Concen: 49.769 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	19.4	29.2





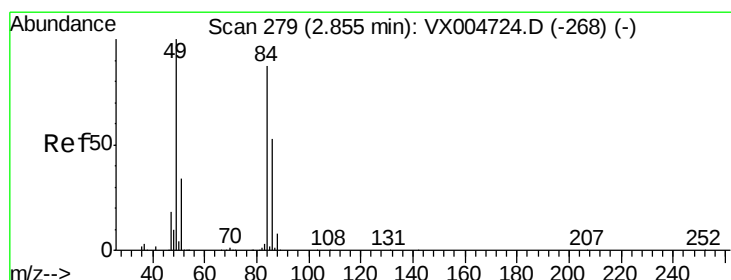
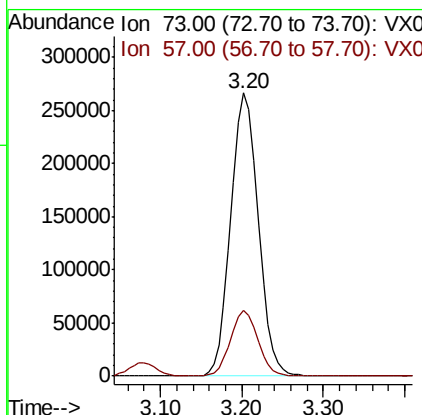
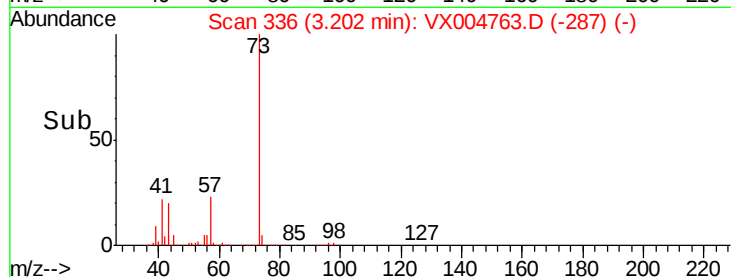
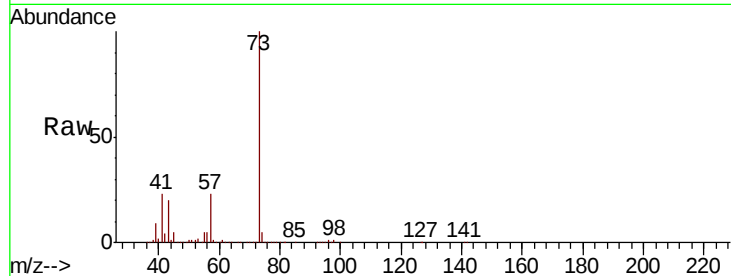
#19
Methvl tert-butvl Ether
Concen: 53.245 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	17.1	25.7

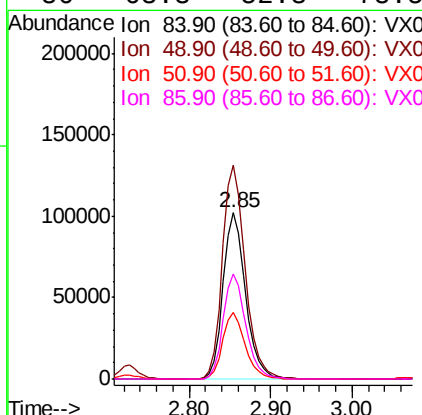
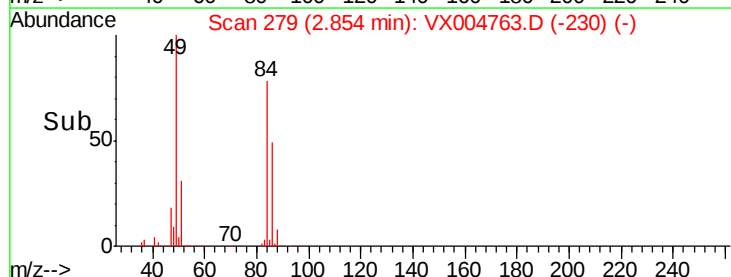
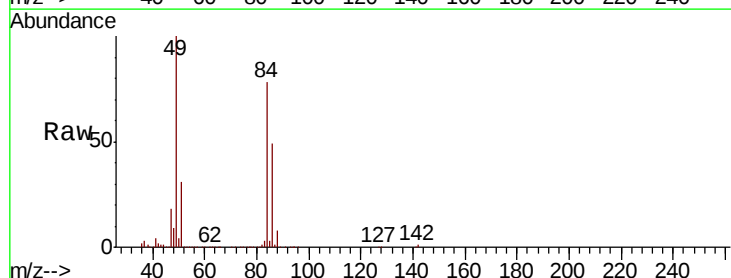
Manual Integrations
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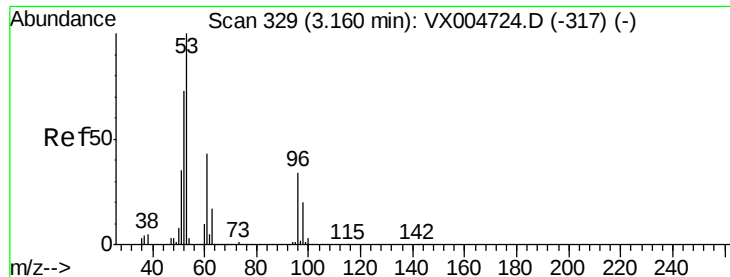
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#20
Methylene Chloride
Concen: 51.438 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.4	101.2	151.8
51	40.0	29.5	44.3
86	63.3	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 48.164 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 178414

Ion Ratio Lower Upper

96 100

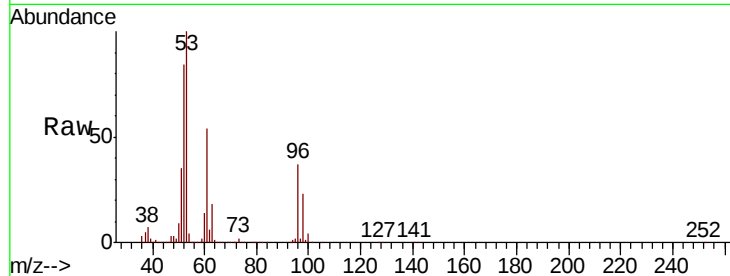
61 147.2 113.8 170.6

98 63.8 51.8 77.8

Manual Integrations
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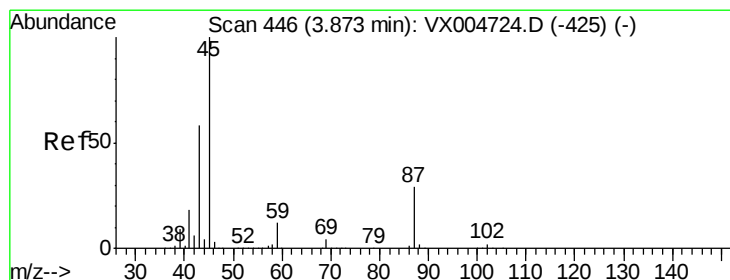
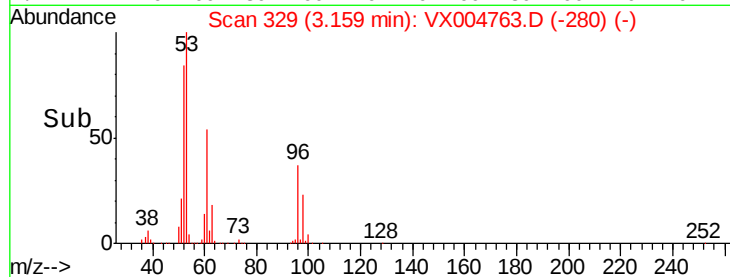
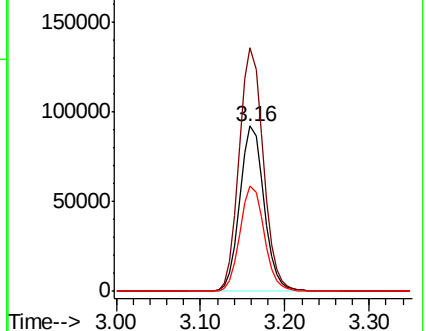
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.462 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Tgt Ion: 45 Resp: 639831

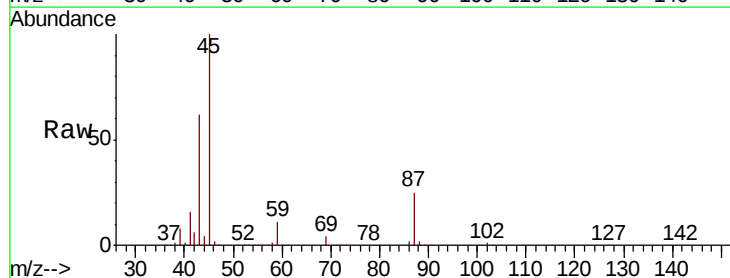
Ion Ratio Lower Upper

45 100

43 61.5 42.8 64.2

87 25.4 22.6 34.0

59 11.1 9.6 14.4

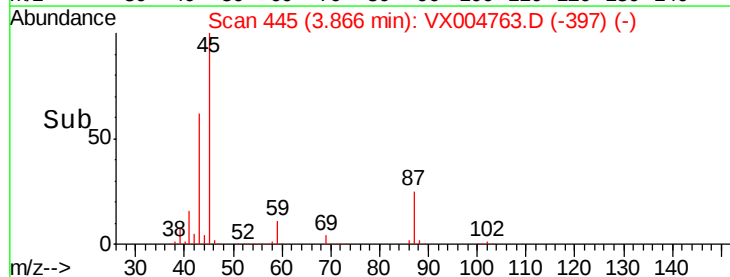
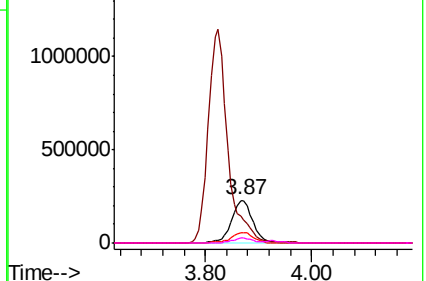


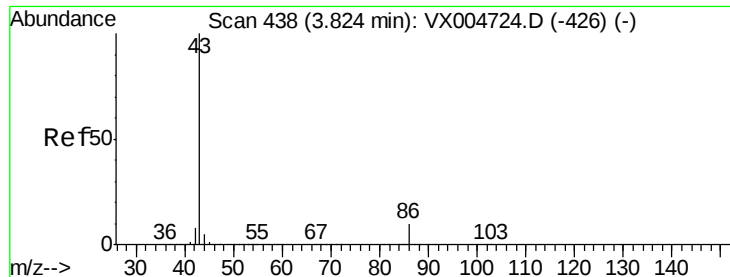
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 256.555 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2919761

Ion Ratio Lower Upper

43 100

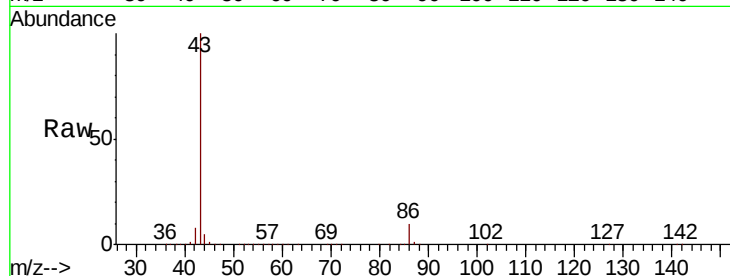
86 9.7 8.9 13.3

Manual Integrations

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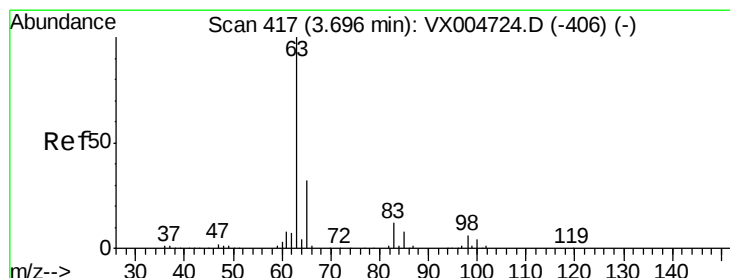
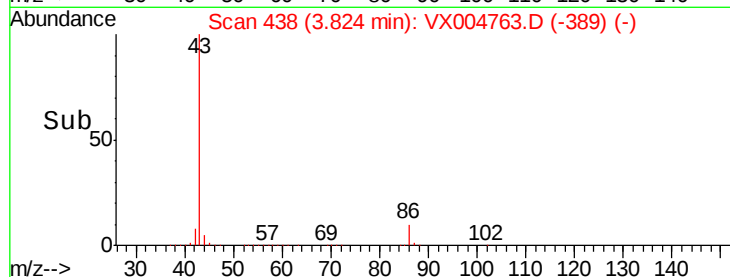
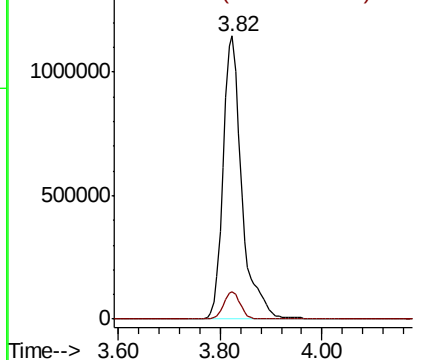
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.050 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

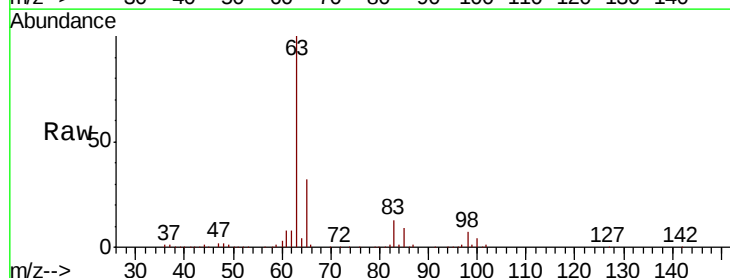
Tgt Ion: 63 Resp: 341528

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

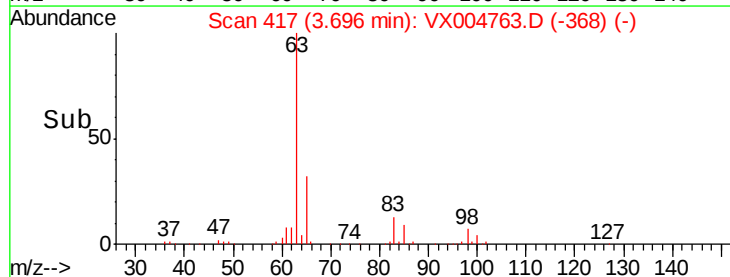
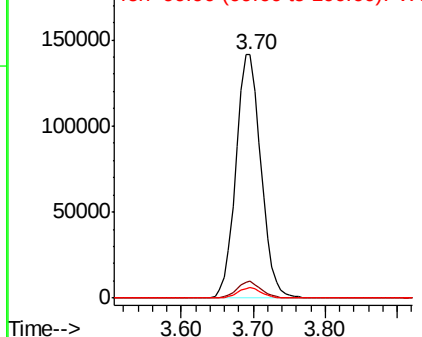
100 4.2 2.4 7.1

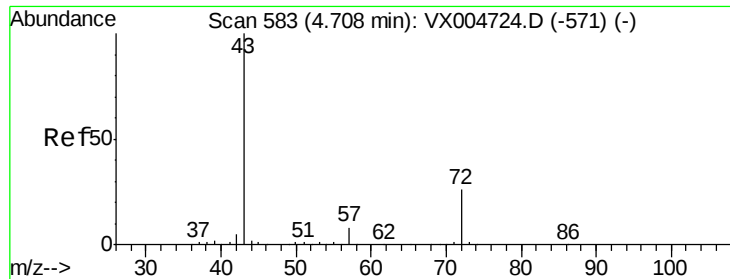


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 247.104 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 948683

Ion Ratio Lower Upper

43 100

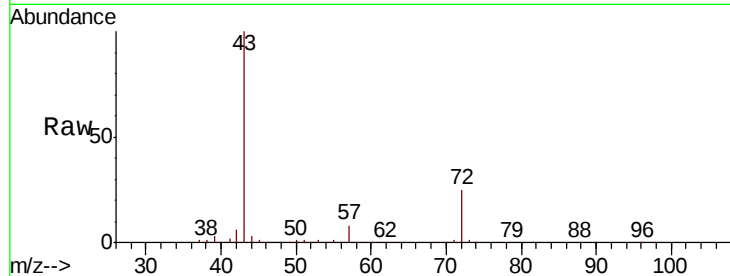
72 24.4 22.0 33.0

Manual Integrations

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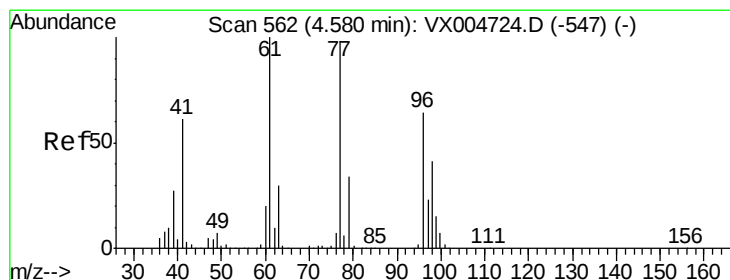
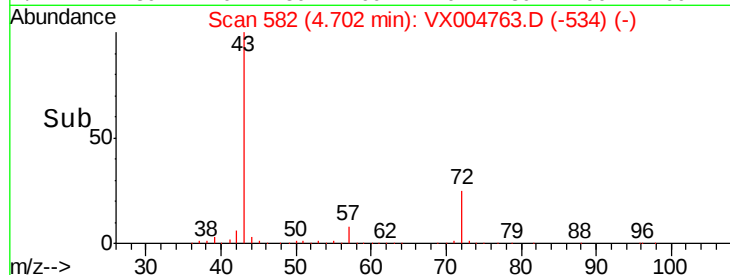
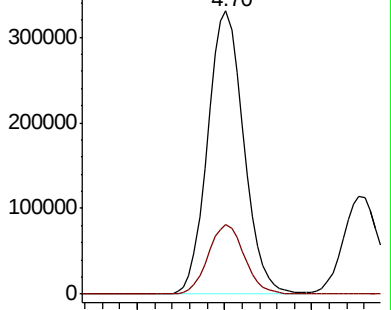
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 50.774 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004763.D

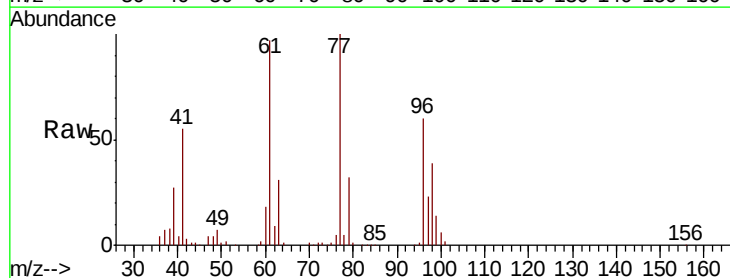
Acq: 27 Sep 2018 10:08

Tgt Ion: 77 Resp: 262222

Ion Ratio Lower Upper

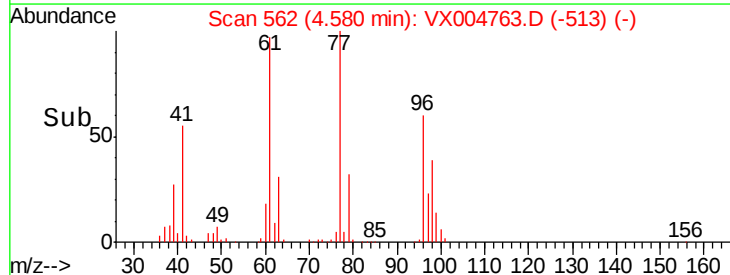
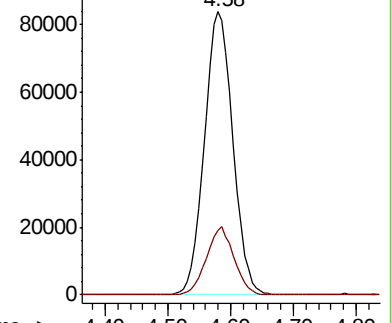
77 100

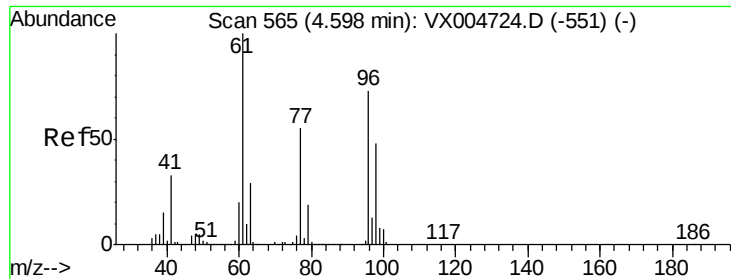
97 23.4 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

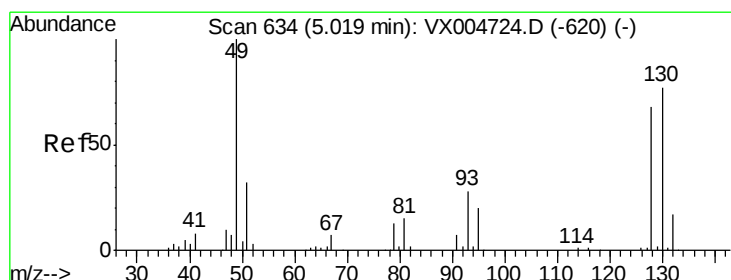
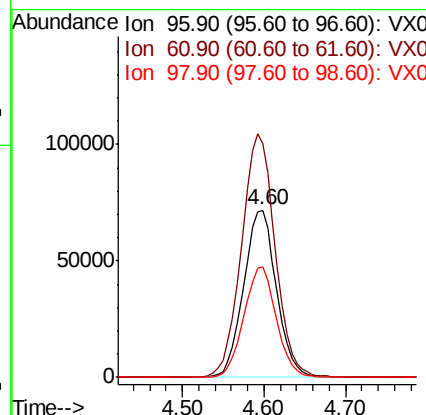
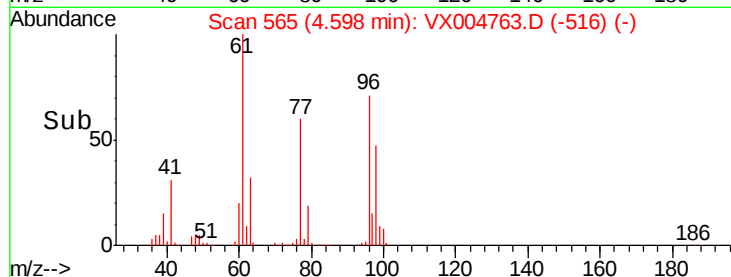
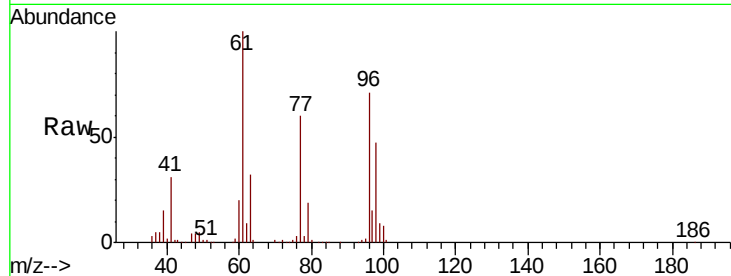
cis-1,2-Dichloroethene
Concen: 48.346 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.3	0.0	282.6	
98	65.4	0.0	130.2	

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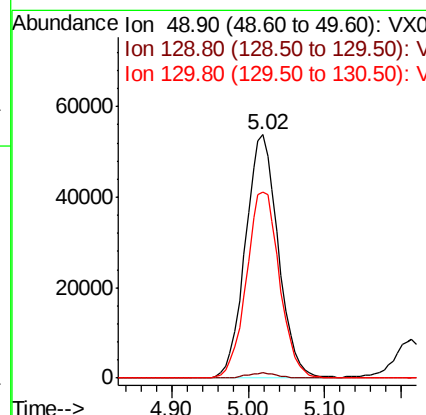
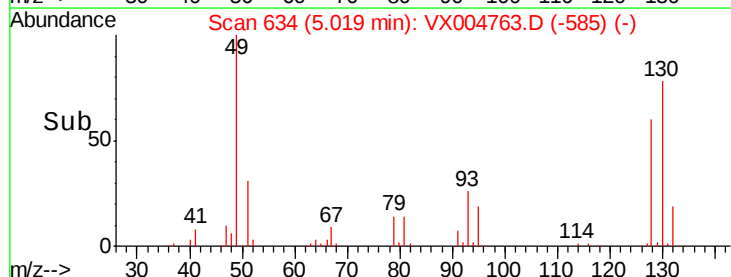
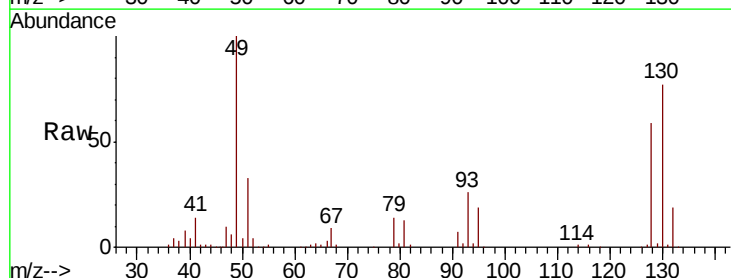
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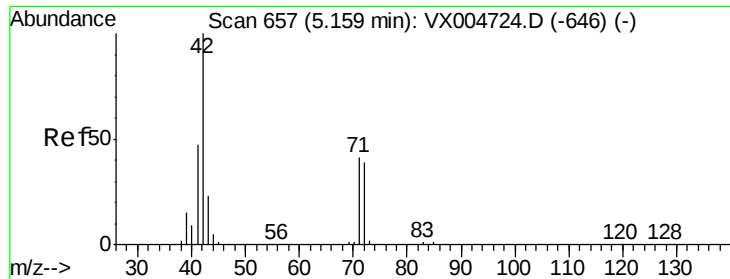


#28

Bromochloromethane
Concen: 46.008 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.2	
130	77.3	67.5	101.3	





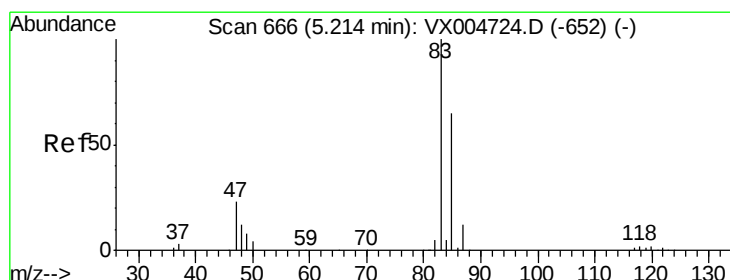
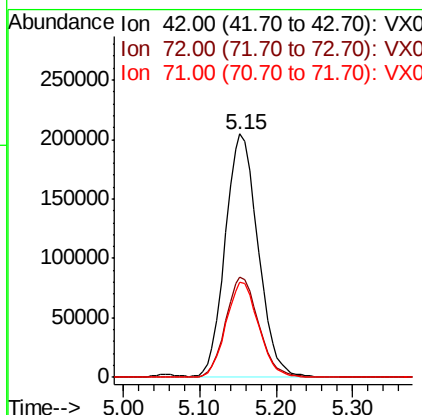
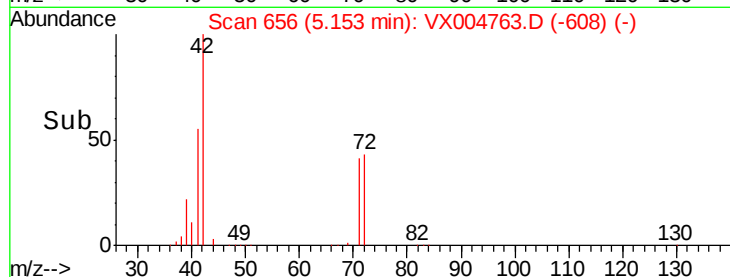
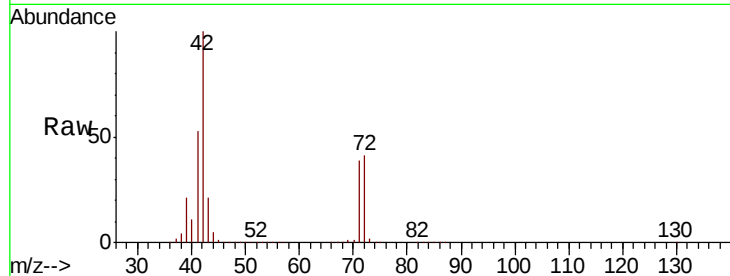
#29
Tetrahydrofuran
Concen: 253.844 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	605724
Ion Ratio		Lower	Upper
42	100		
72	41.5	37.4	56.0
71	39.1	34.5	51.7

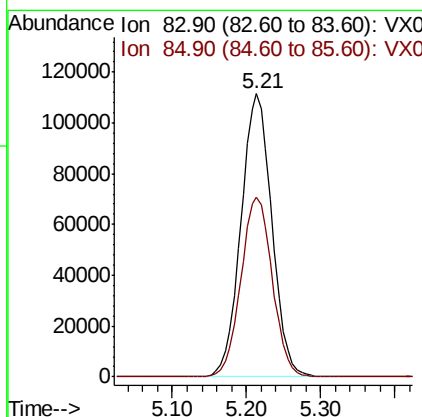
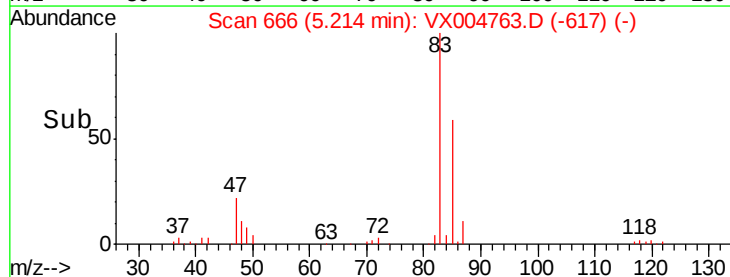
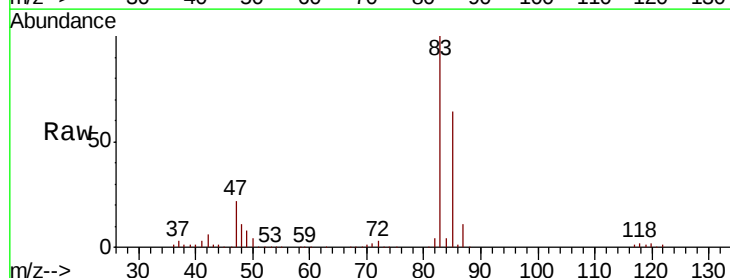
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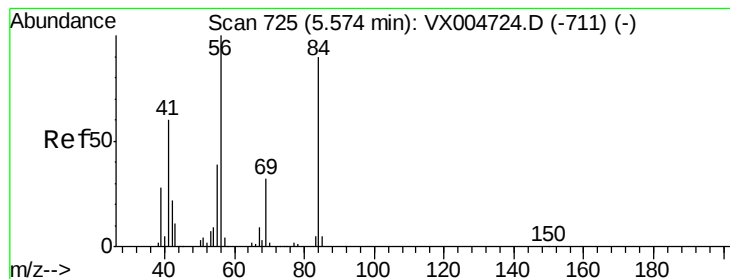
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#30
Chloroform
Concen: 46.254 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion:	83	Resp:	324205
Ion Ratio		Lower	Upper
83	100		
85	63.7	52.6	79.0





#31

Cyclohexane

Concen: 56.648 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

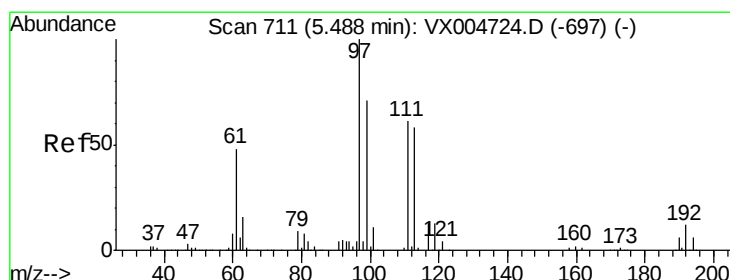
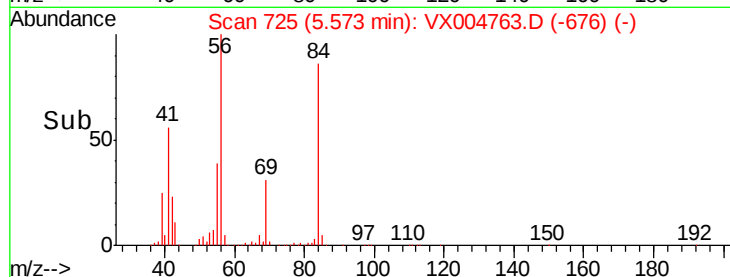
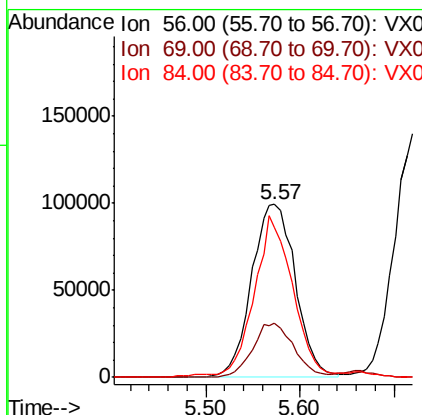
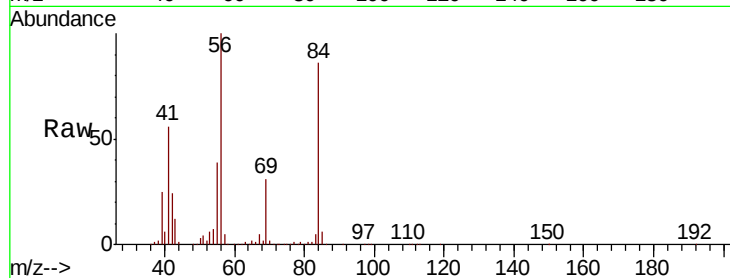
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	321554
Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.4	38.2
84	85.4	71.4	107.2

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#32

1,1,1-Trichloroethane

Concen: 48.269 ug/l

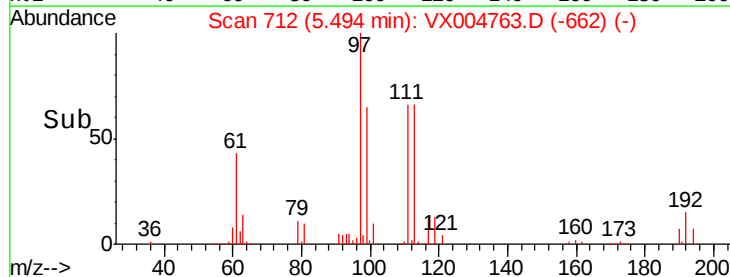
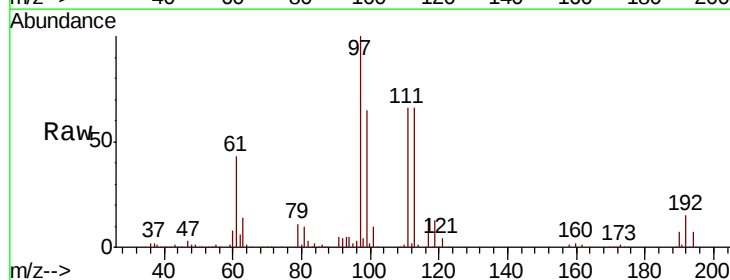
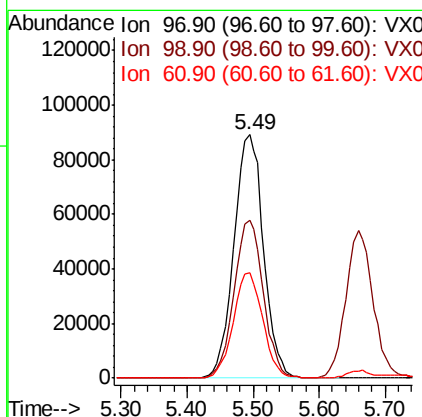
RT: 5.49 min Scan# 712

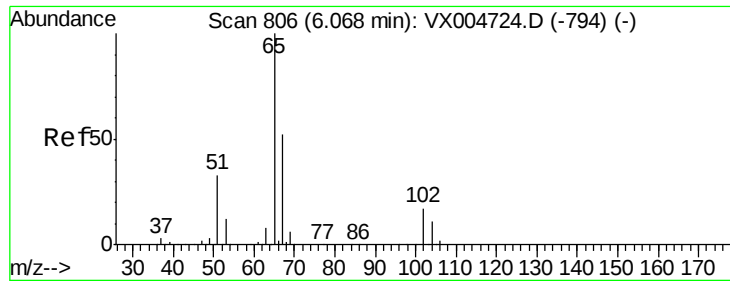
Delta R.T. 0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Tgt Ion:	97	Resp:	276304
Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.0	78.0
61	43.1	34.9	52.3





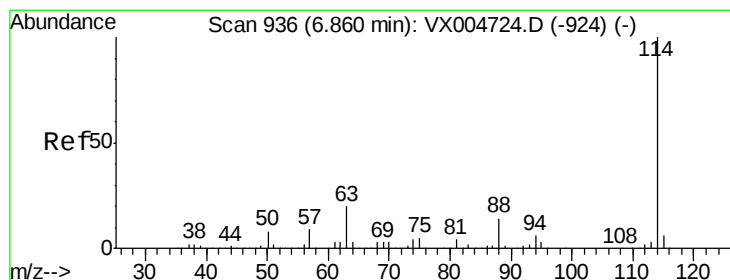
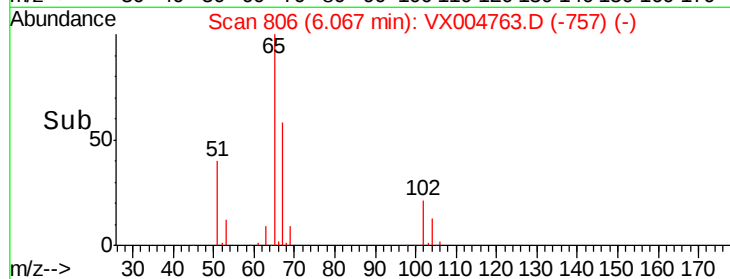
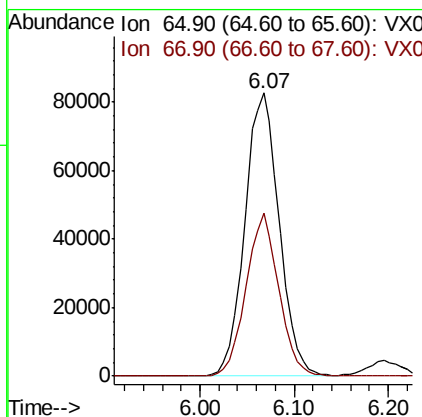
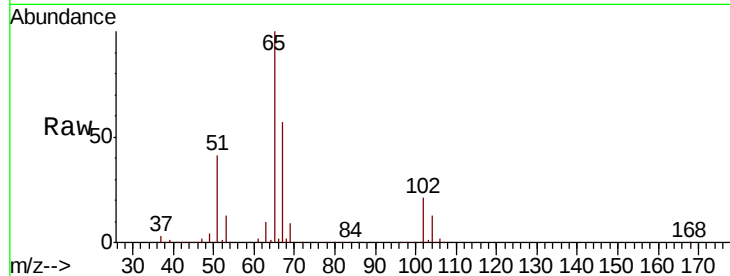
#33
 1,2-Dichloroethane-d4
 Concen: 47.377 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	106.8

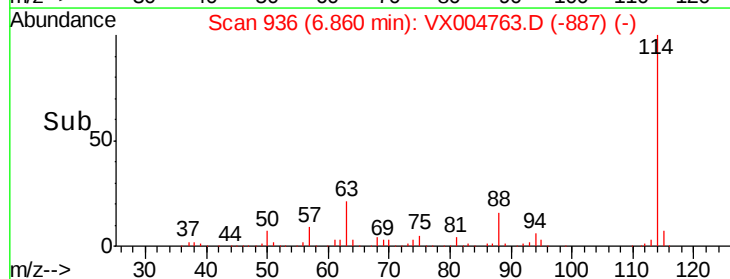
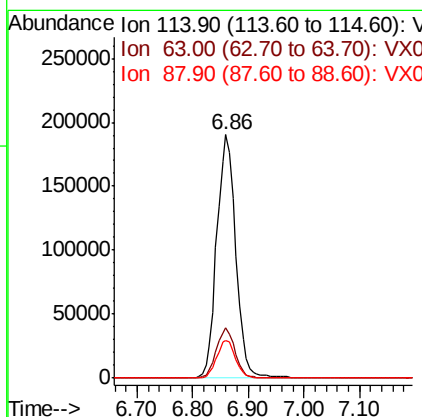
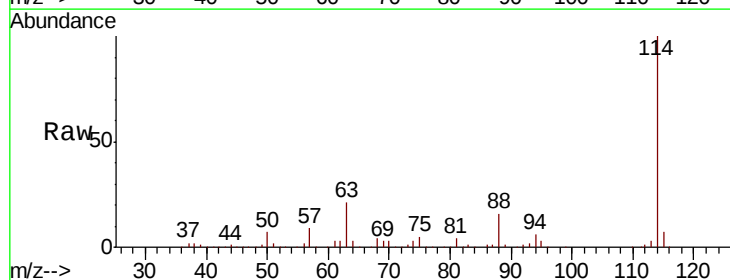
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.0
88	15.6	0.0	30.4





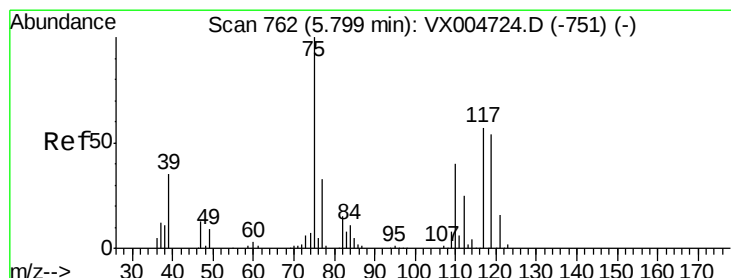
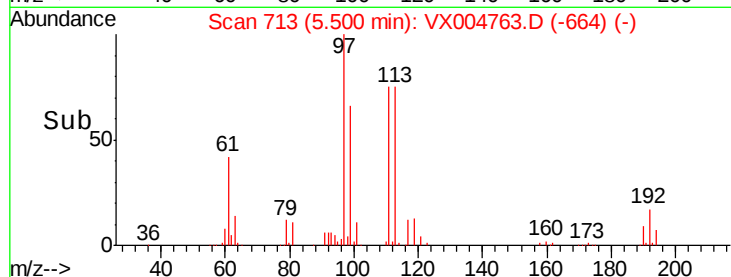
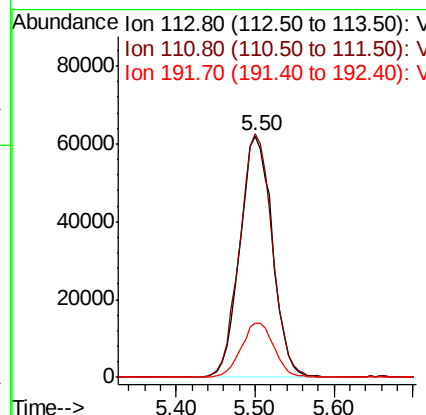
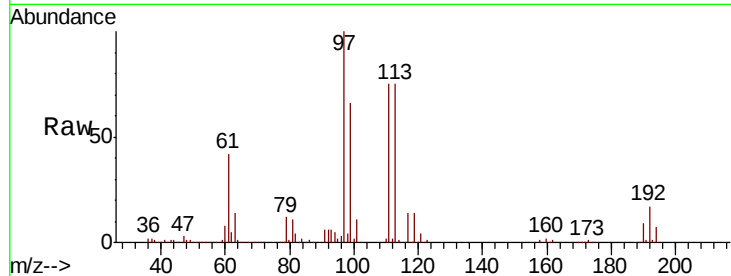
#35
 Dibromofluoromethane
 Concen: 46.268 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	22.8	19.4	29.2

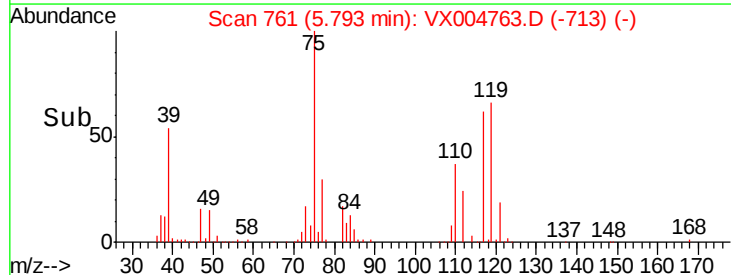
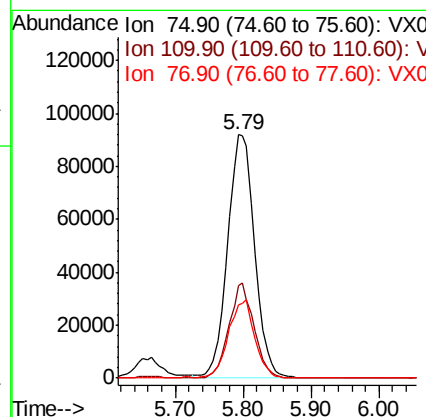
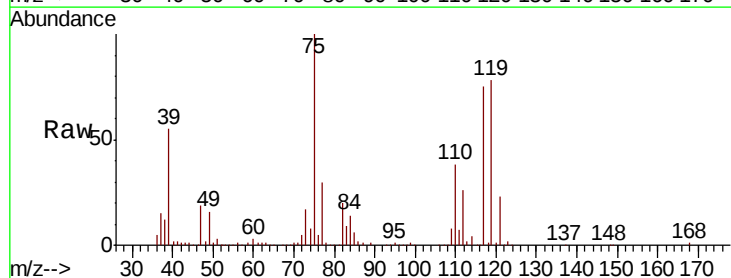
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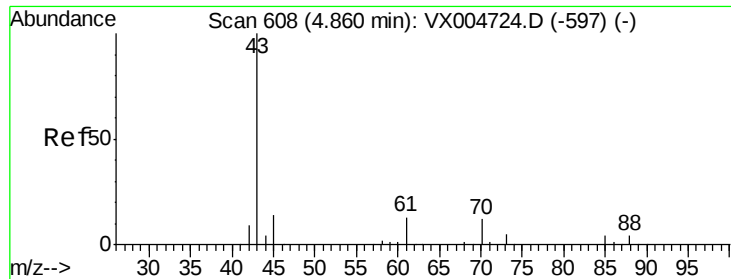
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#36
 1,1-Dichloropropene
 Concen: 48.142 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.0	54.0
77	31.0	24.6	36.8





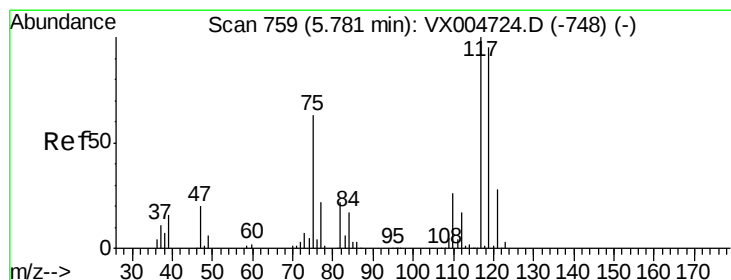
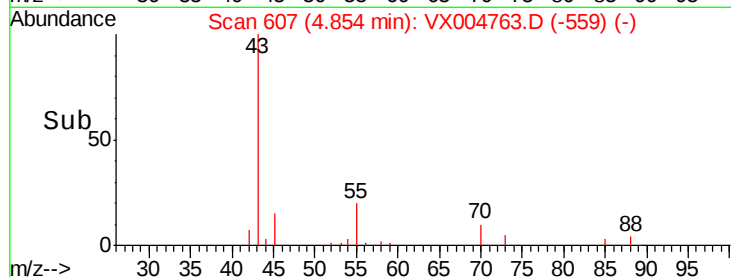
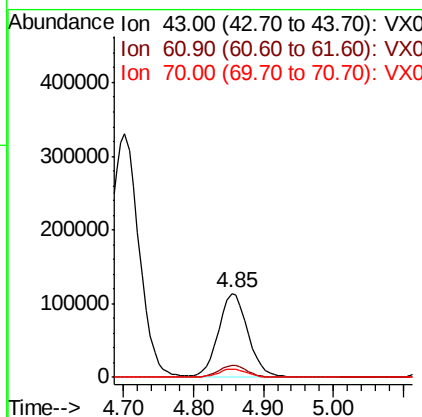
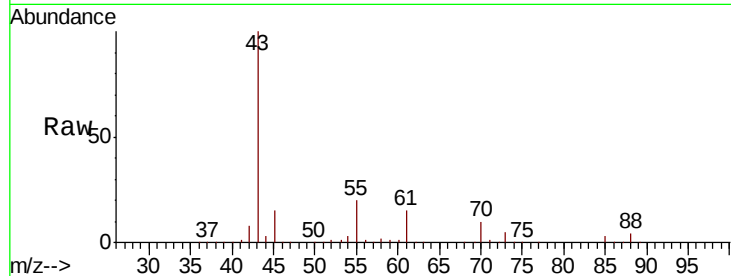
#37
Ethyl Acetate
Concen: 48.031 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	10.4	9.0	13.6

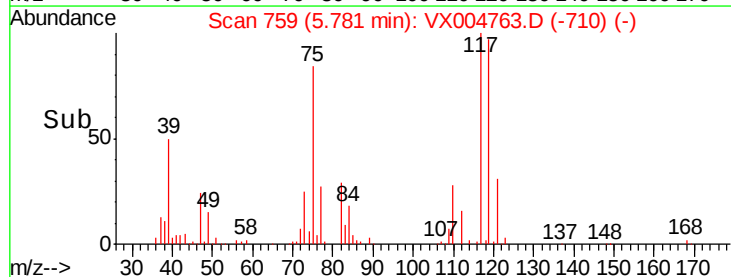
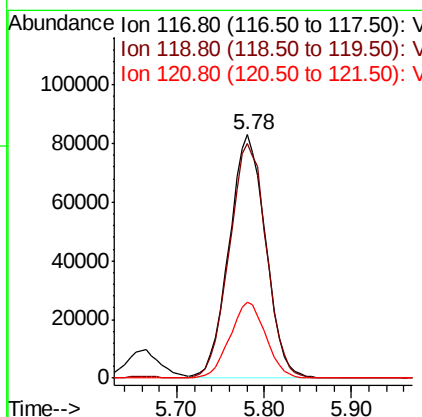
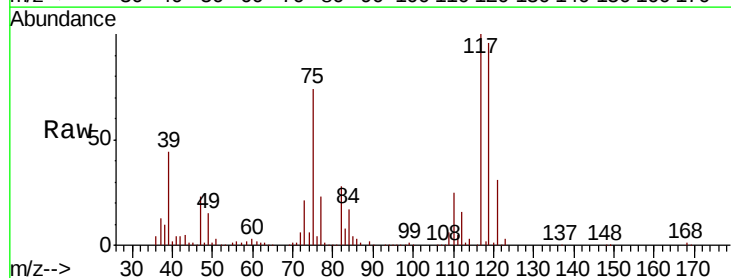
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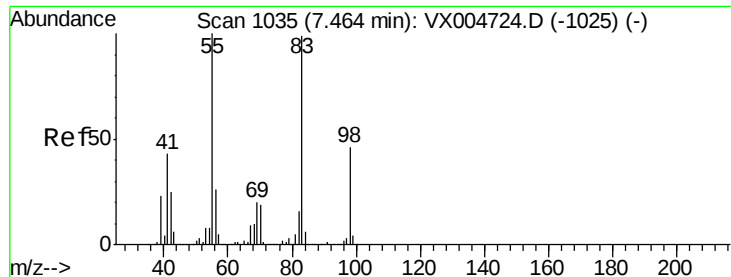
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#38
Carbon Tetrachloride
Concen: 43.712 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.8	118.2
121	31.0	24.9	37.3





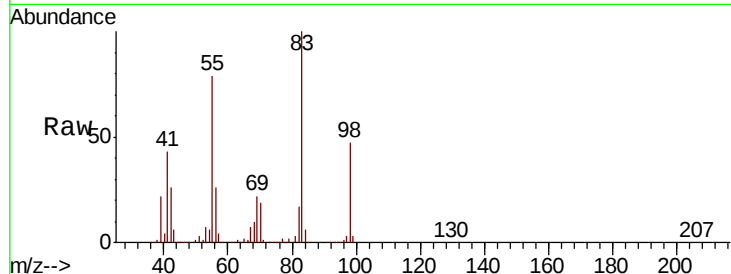
#39
Methvlcvclohexane
Concen: 58.600 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

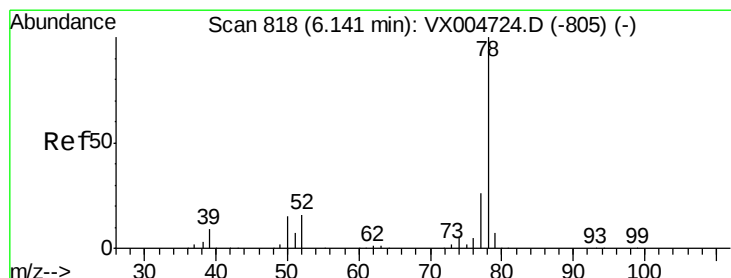
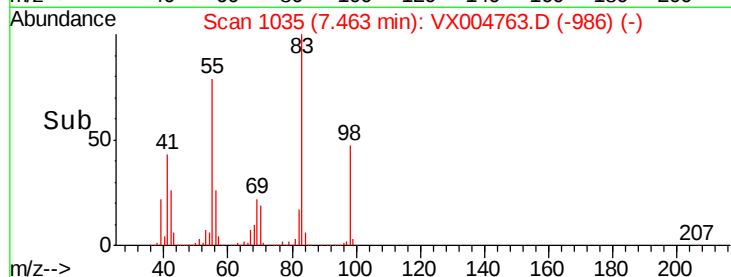
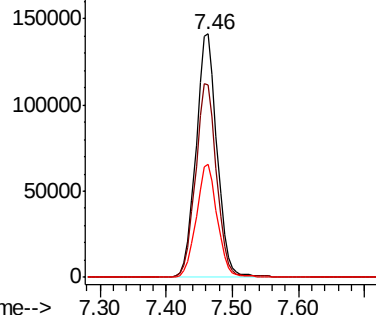
Tot Ion	Ratio	Resp	Lower	Upper
83	100	312949		
55	79.0		61.0	91.4
98	46.6		39.6	59.4

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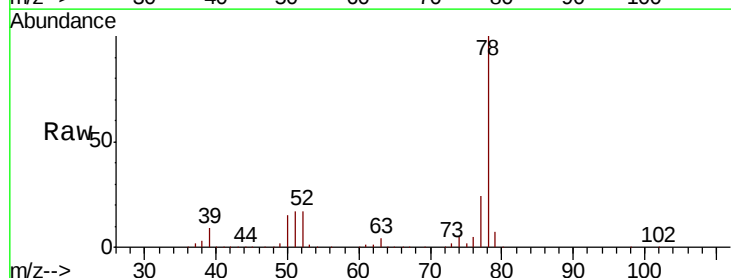


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

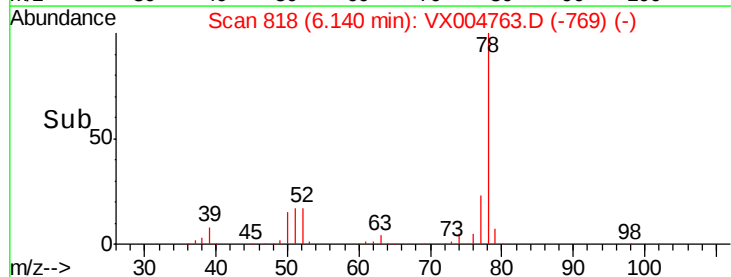
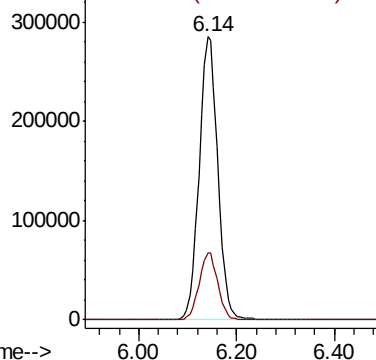


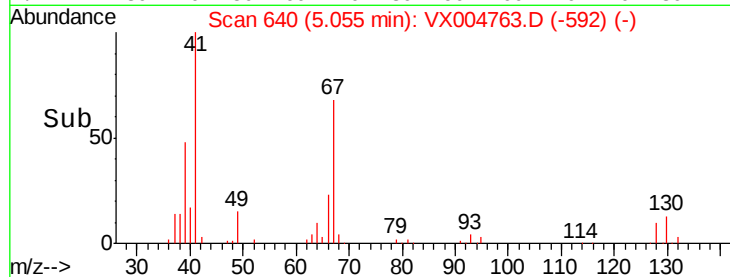
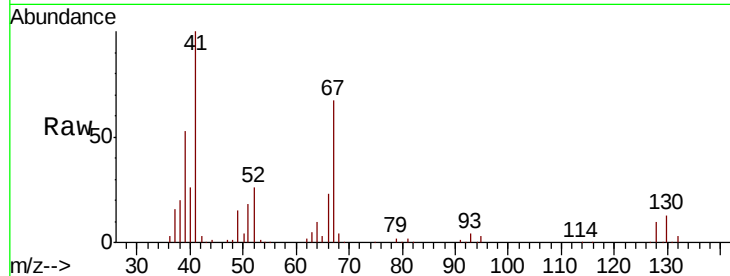
#40
Benzene
Concen: 45.890 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	751387		
77	23.6		19.0	28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





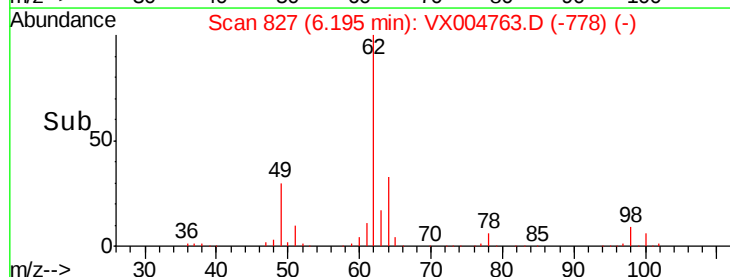
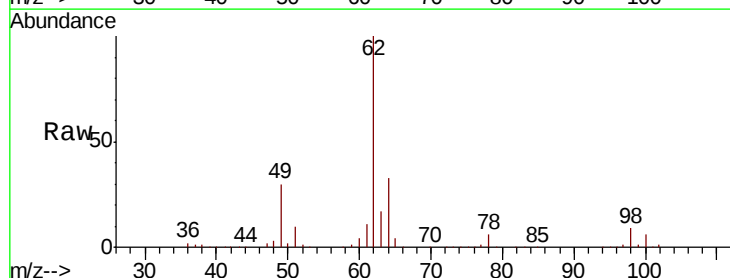
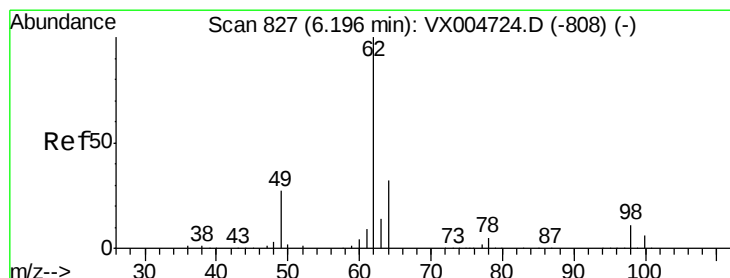
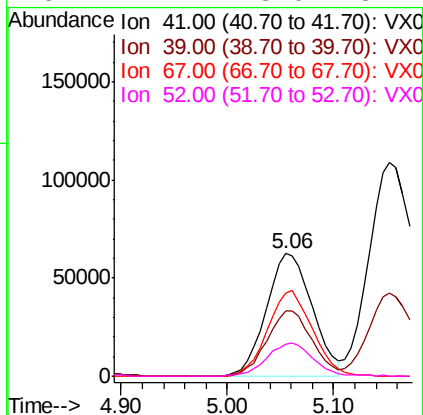
#41
Methacrylonitrile
Concen: 48.268 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	185836		
39	39	52.5	42.4	63.6	
67	67	68.5	59.2	88.8	
52	52	27.2	23.0	34.4	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

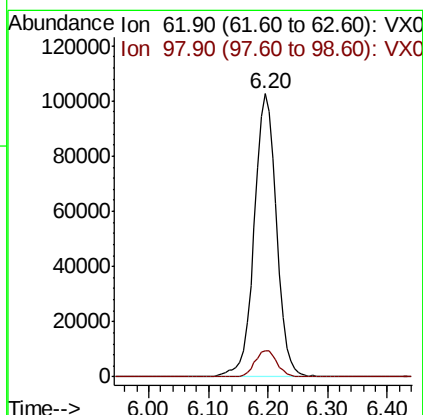
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#42
1,2-Dichloroethane
Concen: 46.069 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	266658		
98	98	9.2	0.0	20.6	





#43

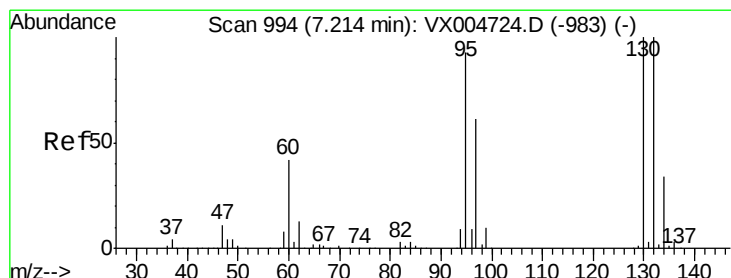
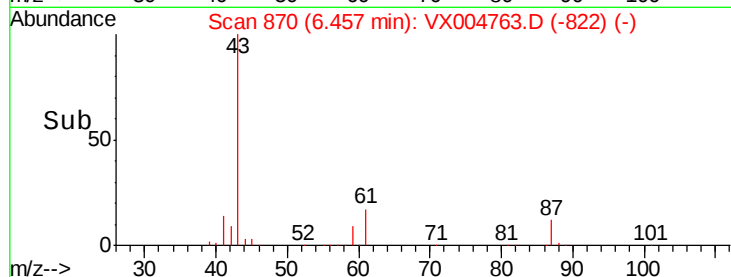
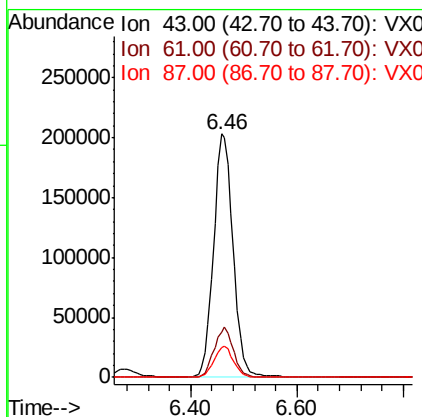
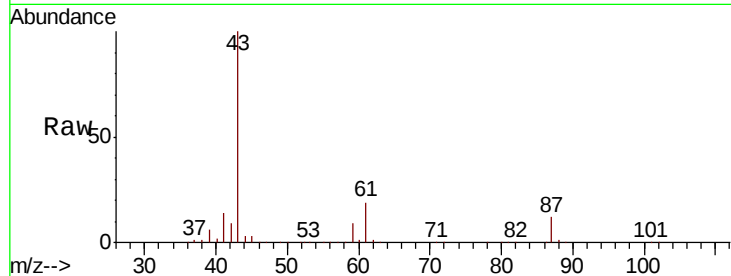
Isopropyl Acetate
 Concen: 51.419 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	17.0	25.4
87	12.8	11.4	17.2

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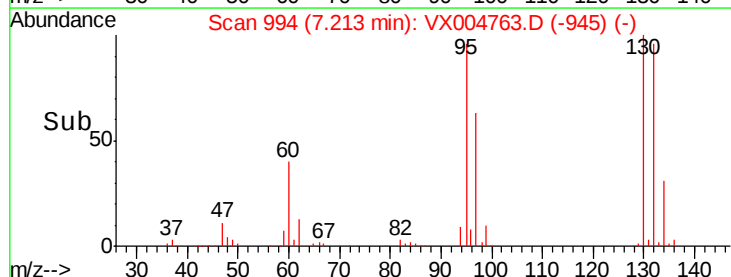
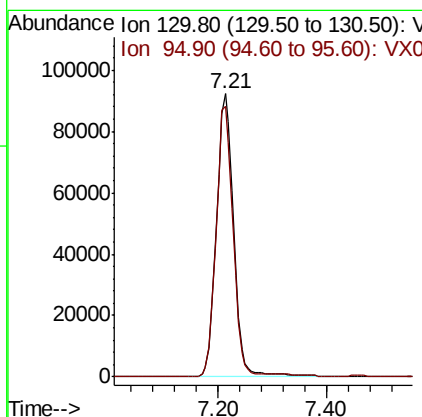
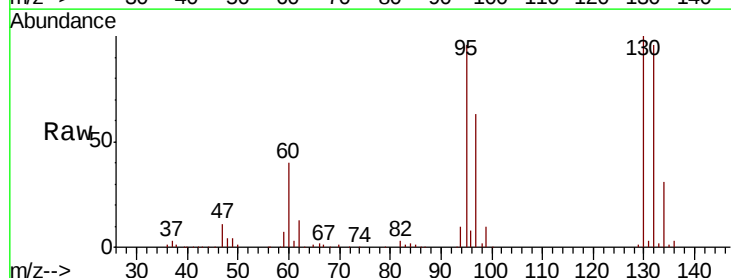
MMDadoda
 9/28/2018 2:26:07 PM



#44

Trichloroethene
 Concen: 50.554 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	181.6





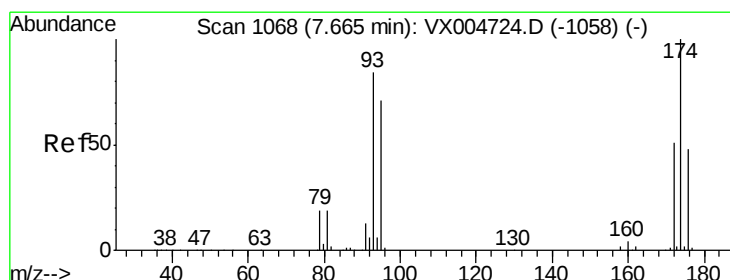
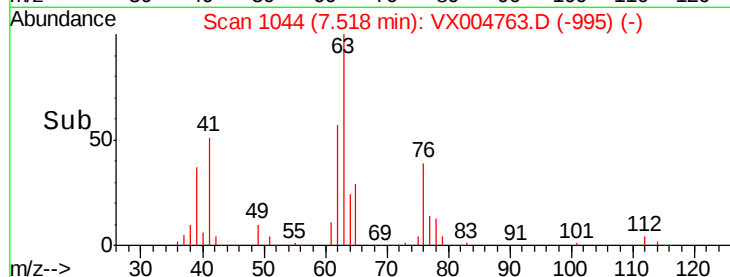
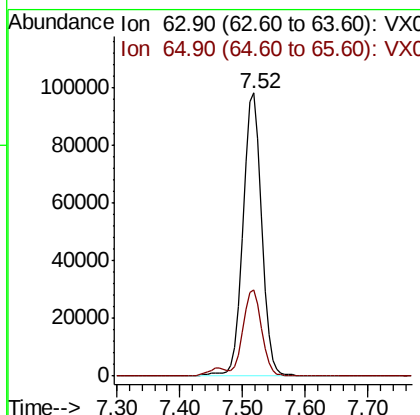
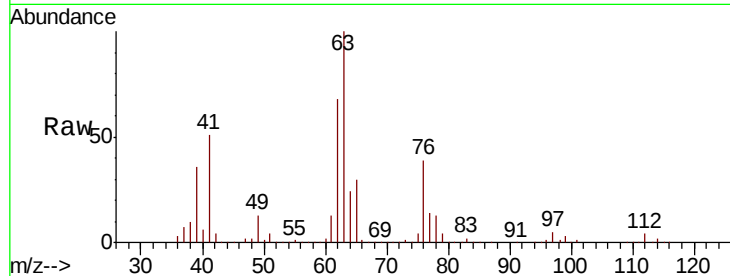
#45
 1,2-Dichloropropane
 Concen: 50.613 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.3	36.5

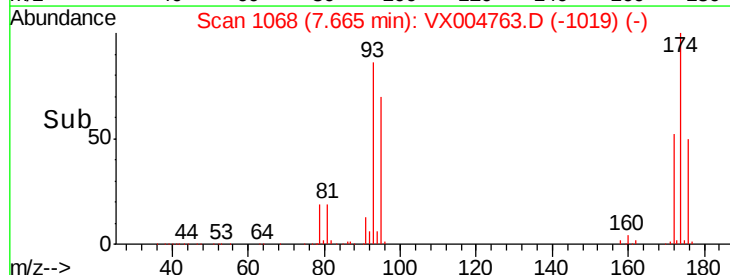
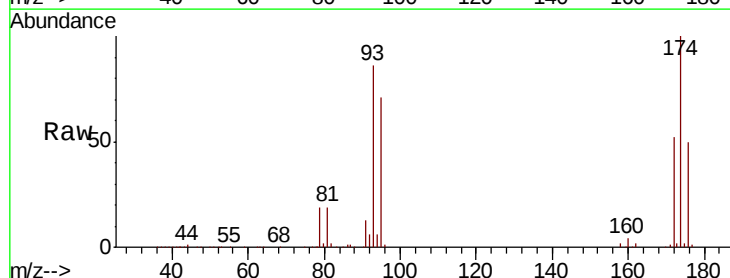
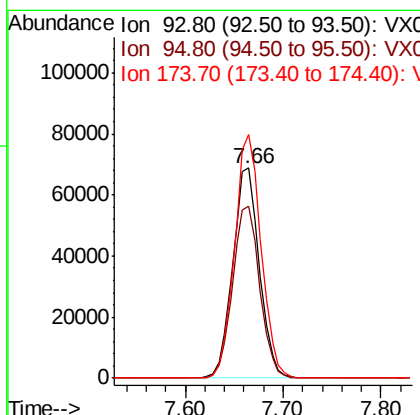
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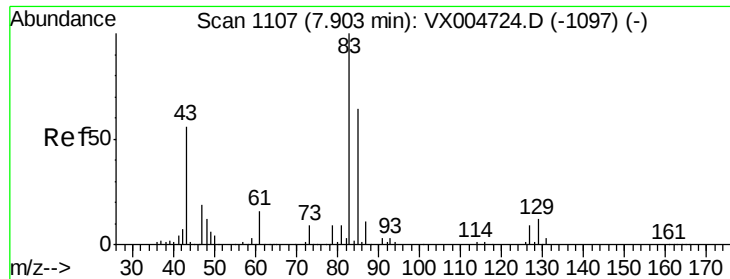
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#46
 Dibromomethane
 Concen: 51.394 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	65.5	98.3
174	116.0	94.2	141.4





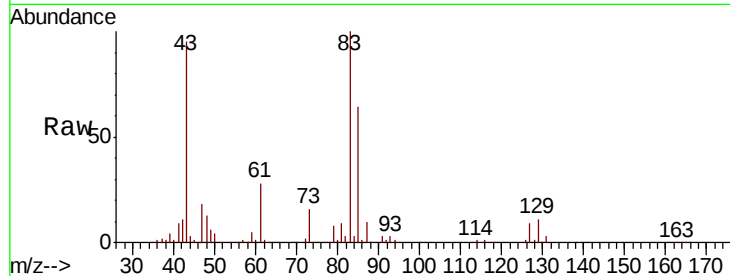
#47
Bromodichloromethane
Concen: 52.036 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

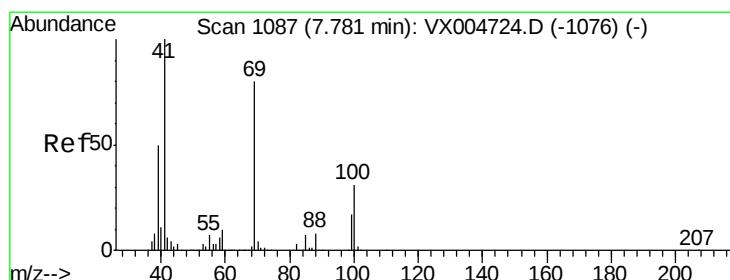
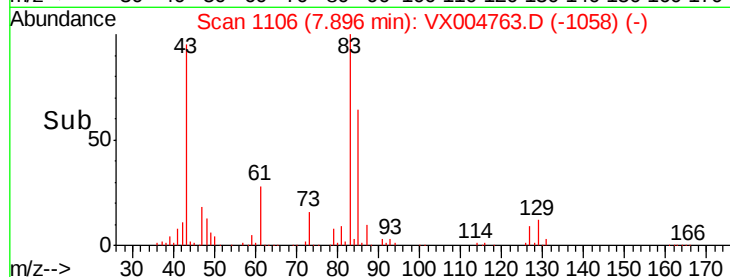
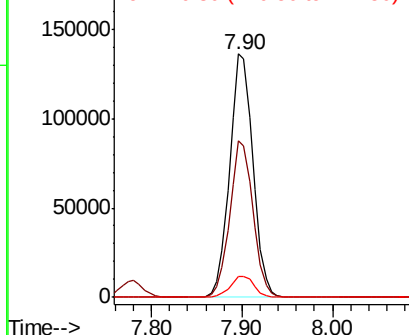
Tot Ion	Ratio	Resp	Lower	Upper
83	100	245848		
85	64.3	50.9	76.3	
127	8.6	7.3	10.9	

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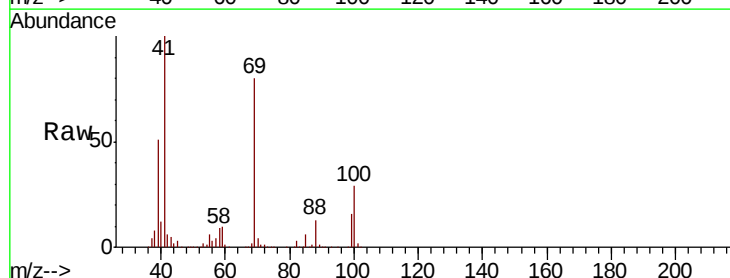


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

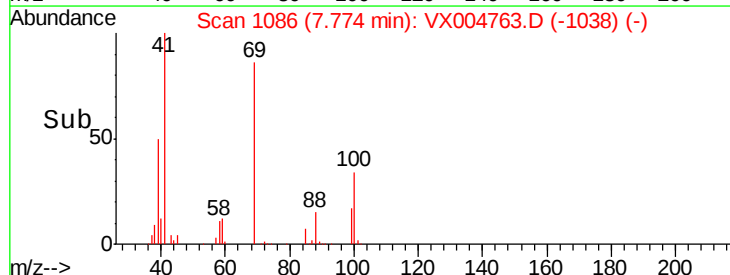
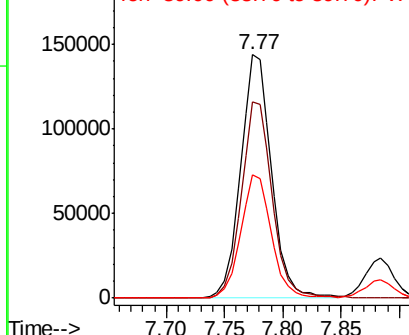


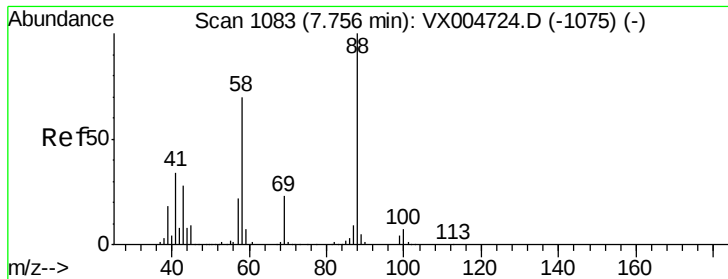
#48
Methyl methacrylate
Concen: 58.260 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	264970		
69	81.0	70.2	105.4	
39	50.4	42.7	64.1	



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





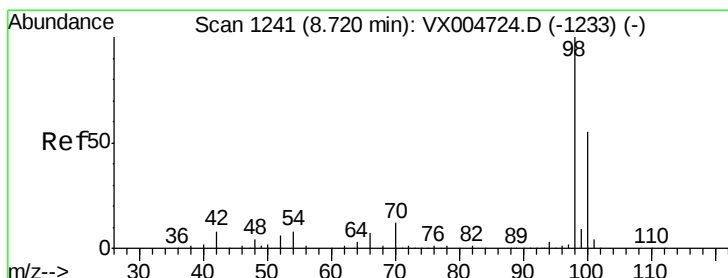
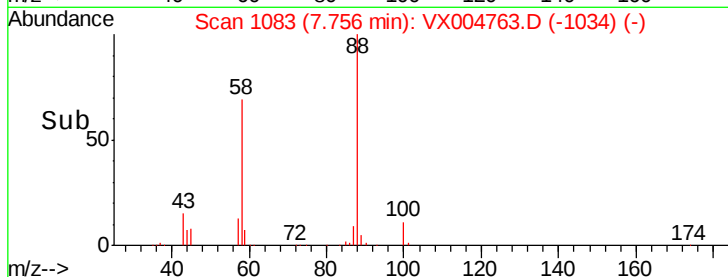
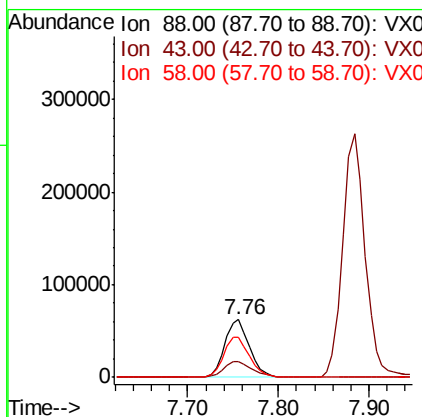
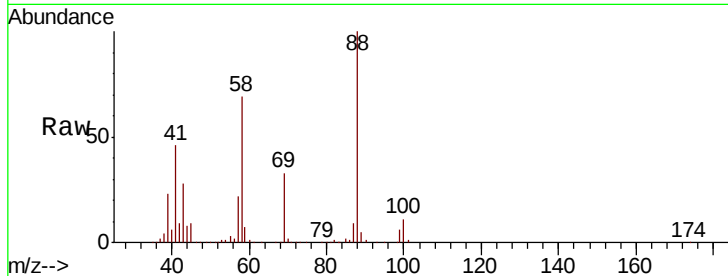
#49
1,4-Dioxane
Concen: 1049.256 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.1	24.7	37.1
58	72.8	55.3	82.9

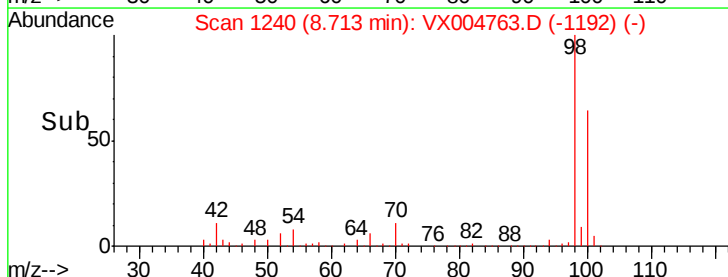
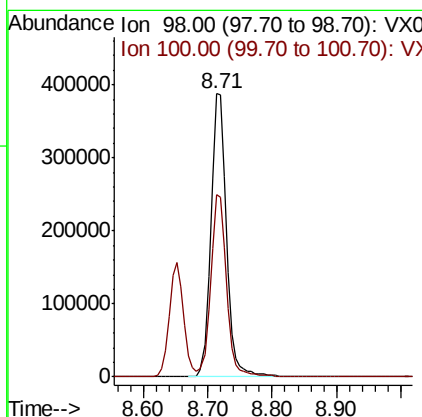
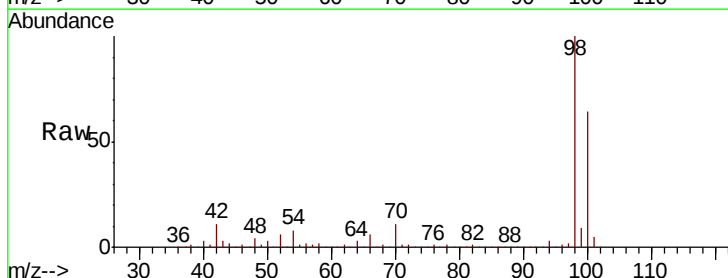
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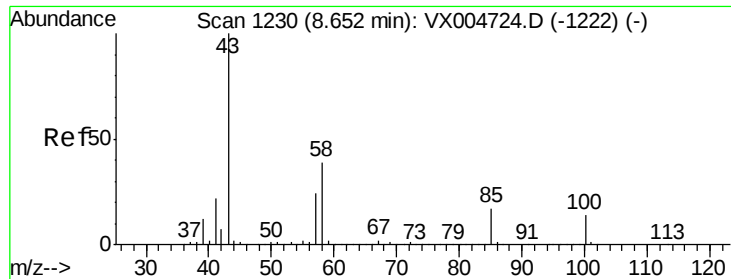
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#50
Toluene-d8
Concen: 51.840 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.9	79.3





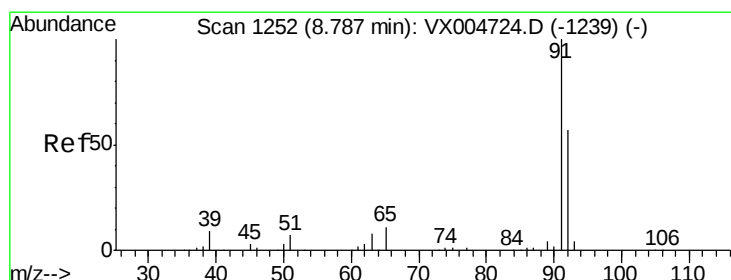
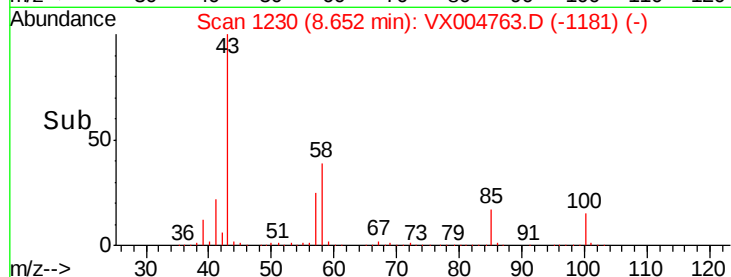
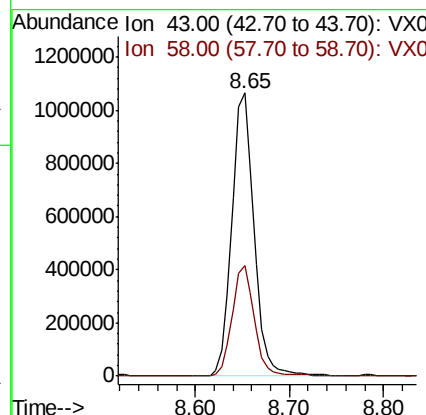
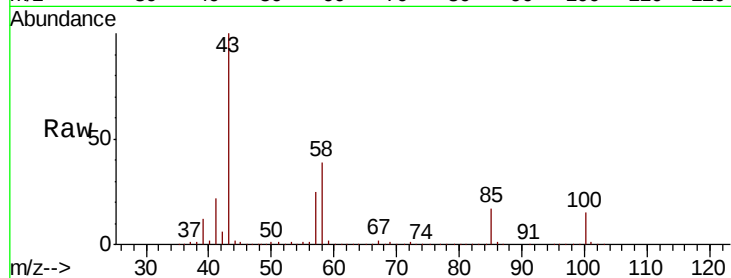
#51
4-Methyl-2-Pentanone
Concen: 277.984 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1753850
Ion Ratio Lower Upper
43 100
58 39.2 33.1 49.7

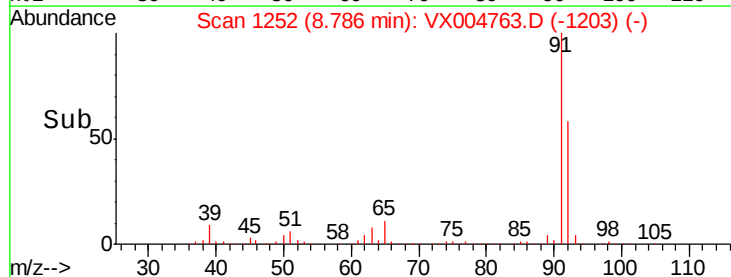
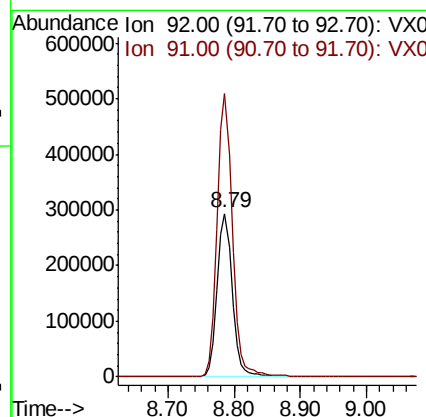
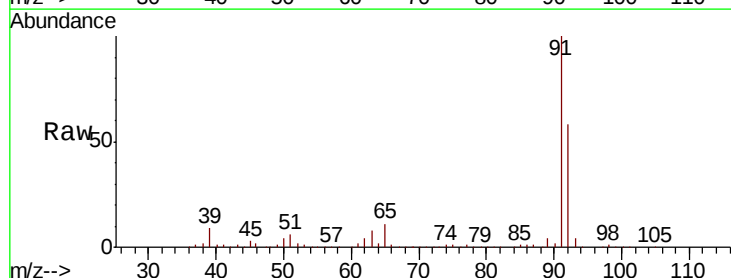
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#52
Toluene
Concen: 51.897 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion: 92 Resp: 466915
Ion Ratio Lower Upper
92 100
91 173.7 136.4 204.6





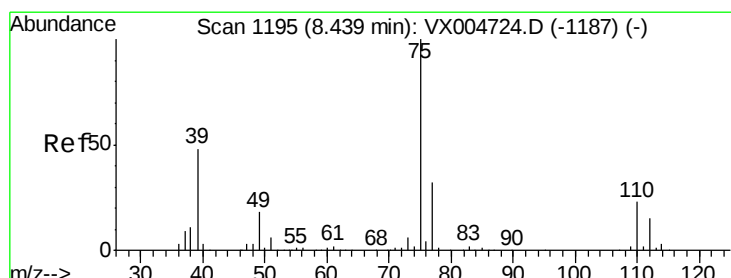
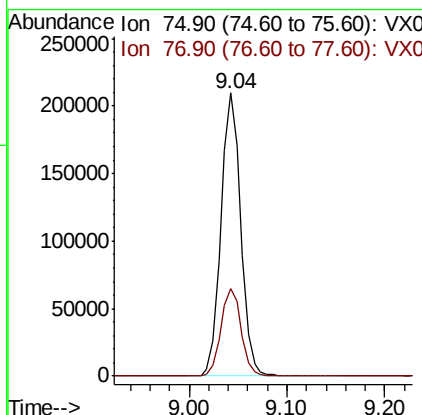
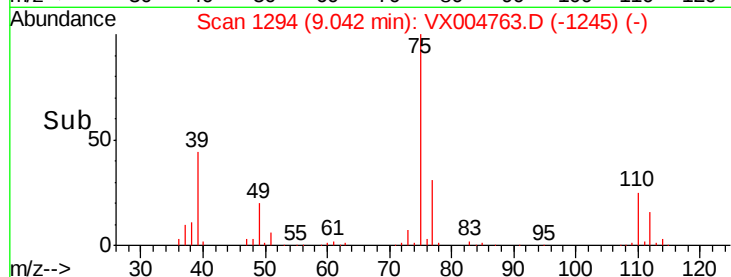
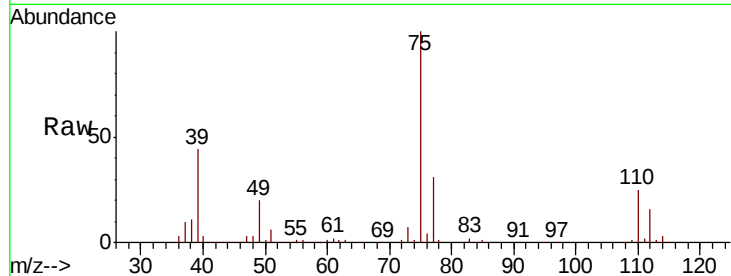
#53
t-1,3-Dichloropropene
Concen: 55.079 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 294067
Ion Ratio Lower Upper
75 100
77 31.0 24.6 37.0

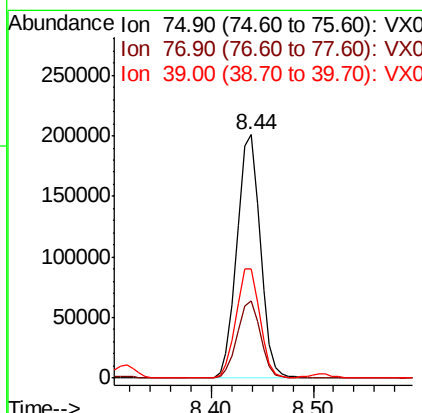
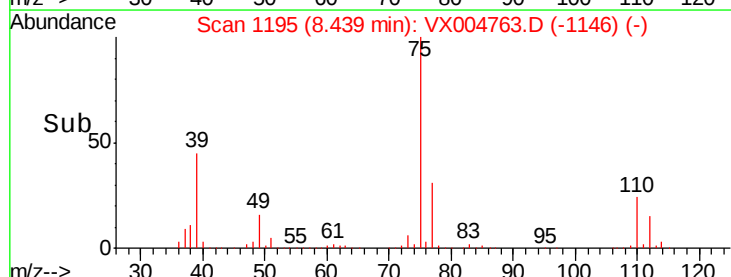
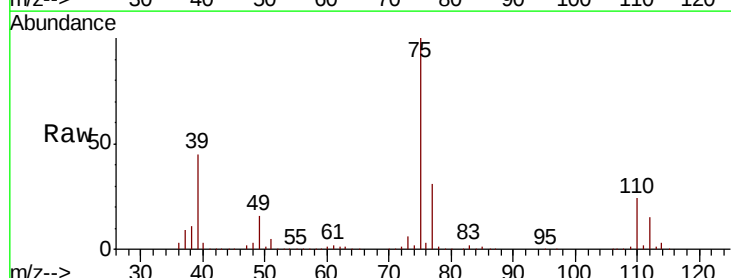
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#54
cis-1,3-Dichloropropene
Concen: 56.641 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion: 75 Resp: 316749
Ion Ratio Lower Upper
75 100
77 31.5 26.2 39.2
39 44.9 36.4 54.6





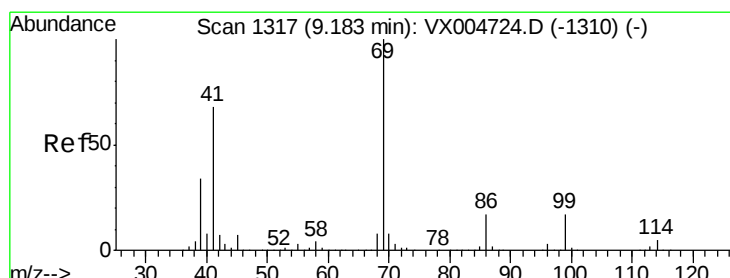
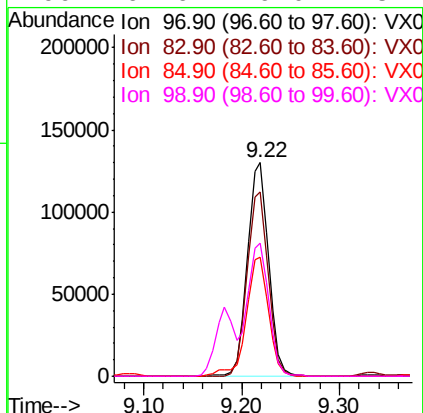
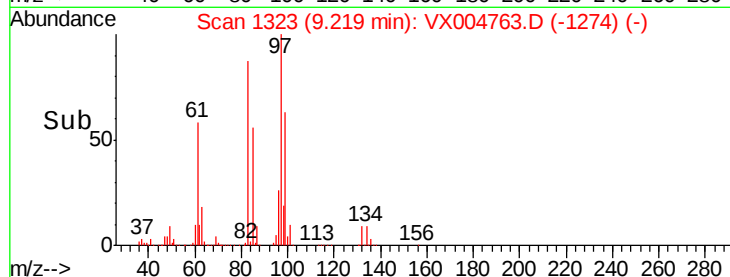
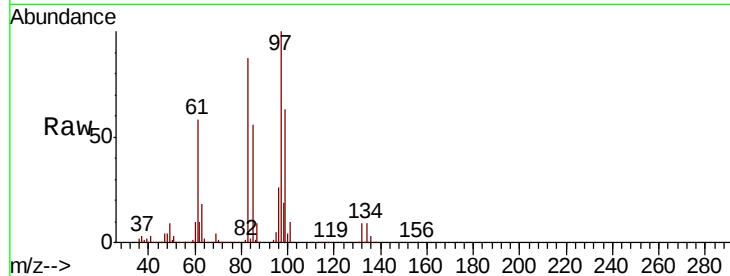
#55
 1,1,2-Trichloroethane
 Concen: 49.318 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		194360		
83	86.5	66.4	99.6		
85	55.9	43.3	64.9		
99	62.6	49.0	73.4		

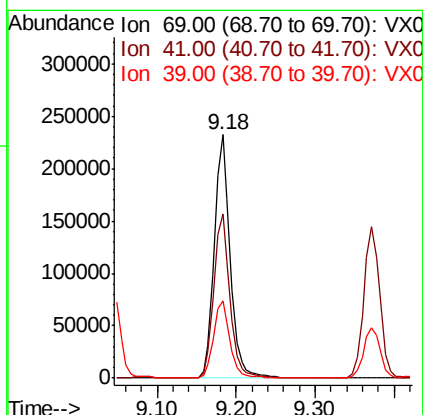
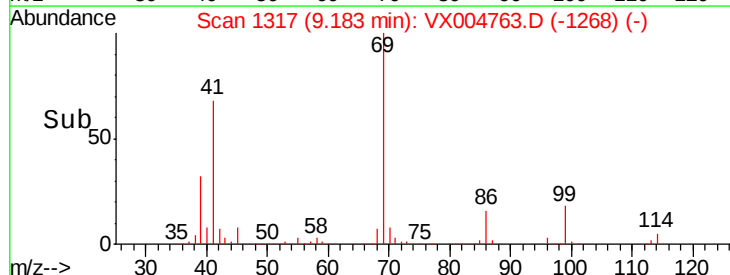
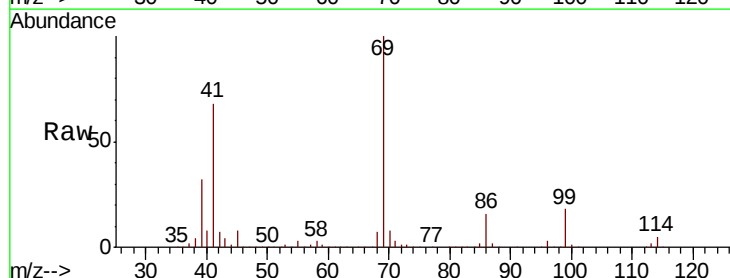
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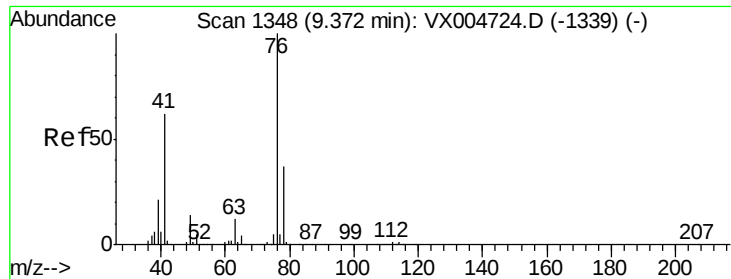
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#56
 Ethyl methacrylate
 Concen: 51.118 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		327343		
41	68.3	51.0	76.4		
39	32.5	26.1	39.1		





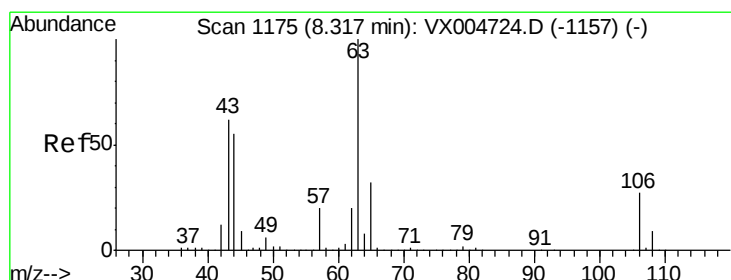
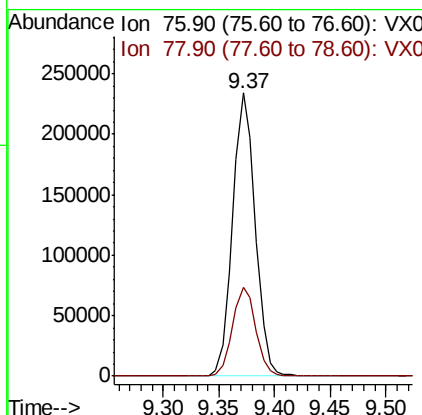
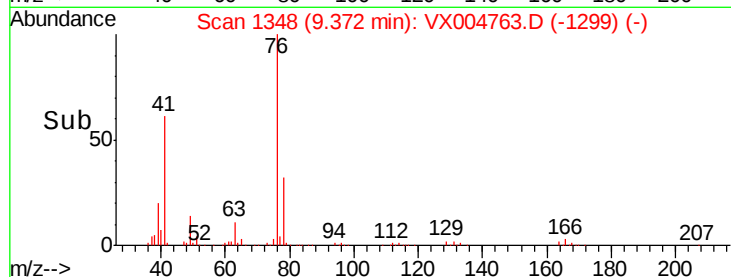
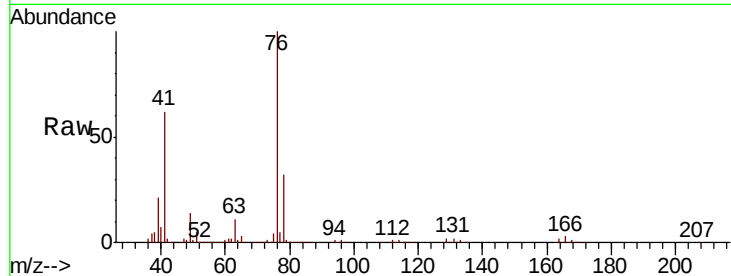
#57
 1,3-Dichloropropane
 Concen: 50.226 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.5	38.3

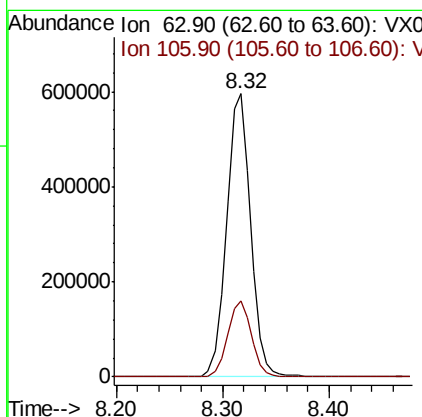
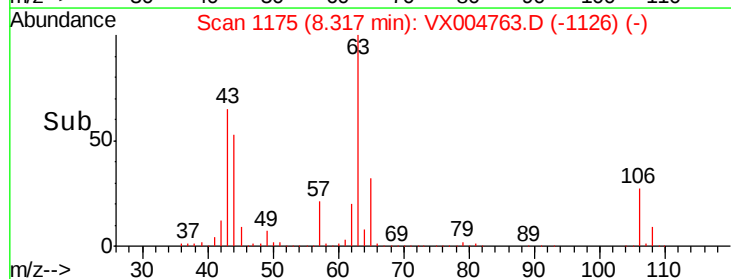
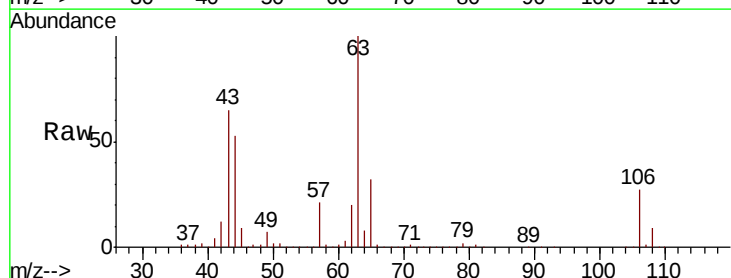
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#58
 2-Chloroethyl Vinyl ether
 Concen: 274.803 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.9	23.9	35.9





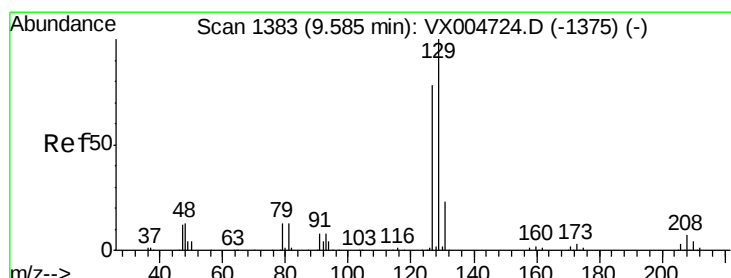
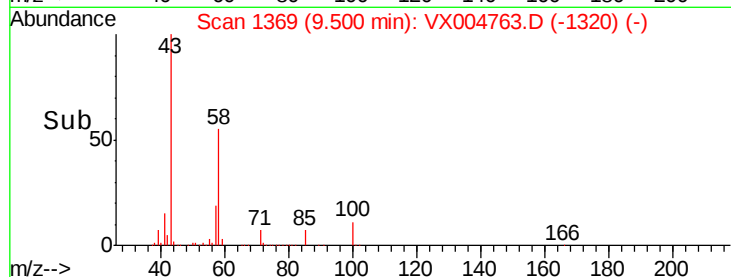
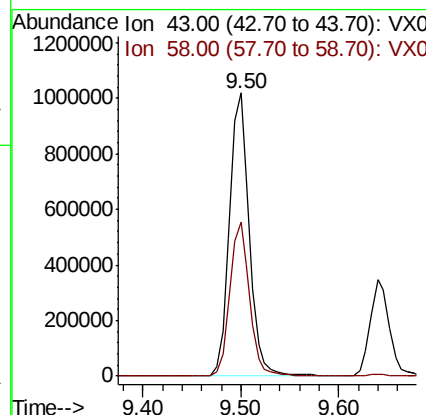
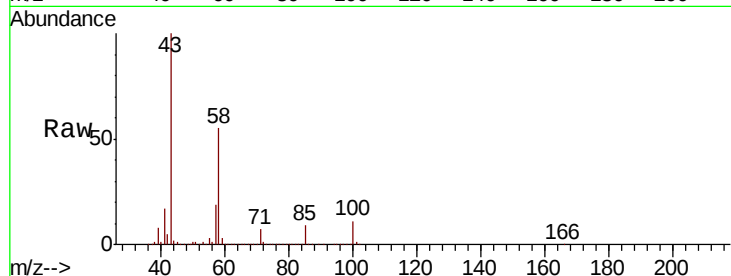
#59
2-Hexanone
Concen: 272.119 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1430681
Ion Ratio Lower Upper
43 100
58 54.1 29.0 87.0

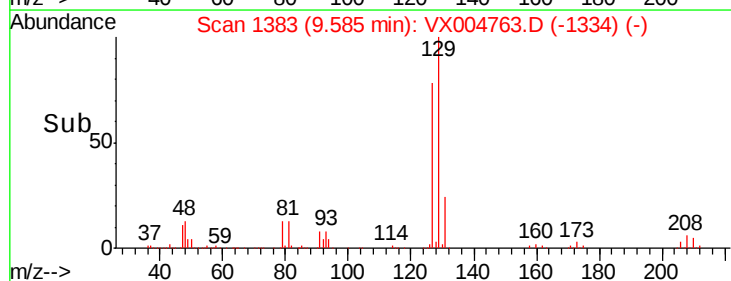
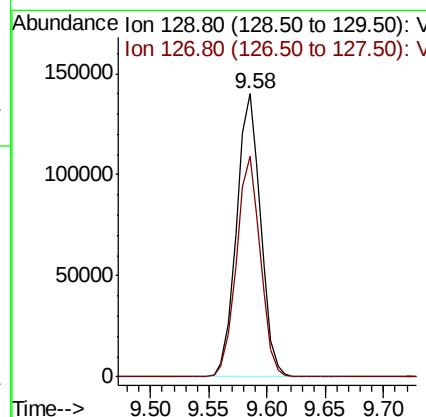
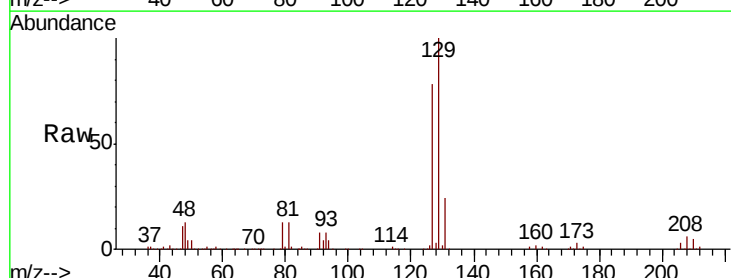
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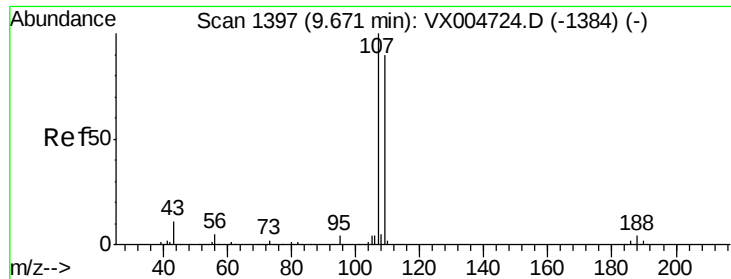
MMDadoda
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#60
Dibromochloromethane
Concen: 51.180 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion: 129 Resp: 201716
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.798 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 205956

Ion Ratio Lower Upper

107 100

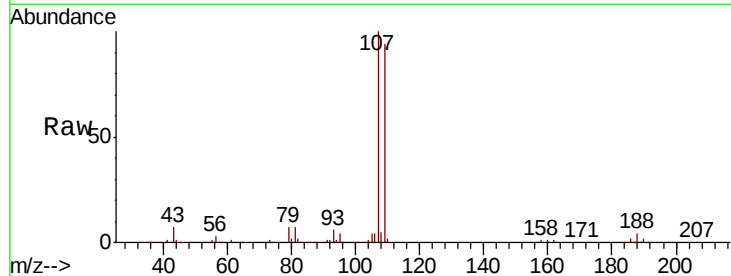
109 93.8 76.0 114.0

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

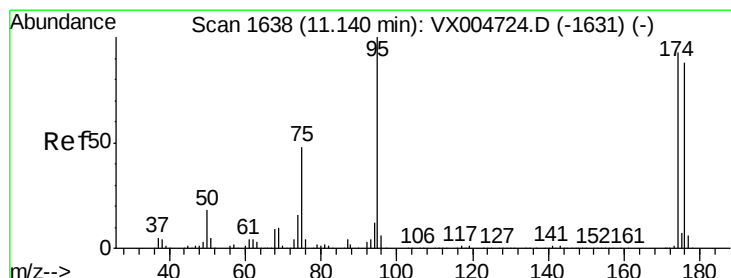
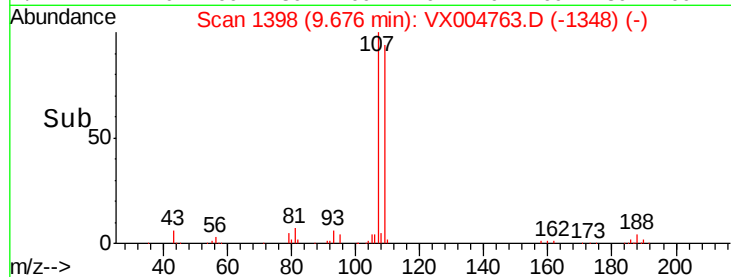
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 54.097 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

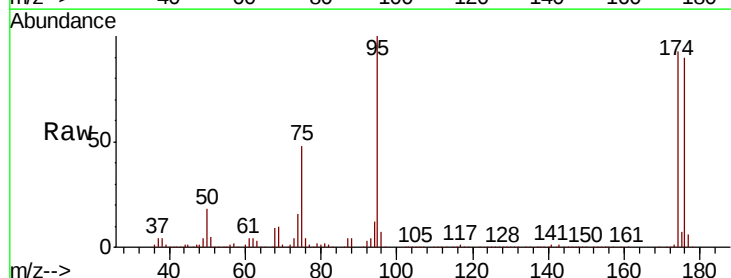
Tgt Ion: 95 Resp: 248357

Ion Ratio Lower Upper

95 100

174 91.1 0.0 185.2

176 89.1 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

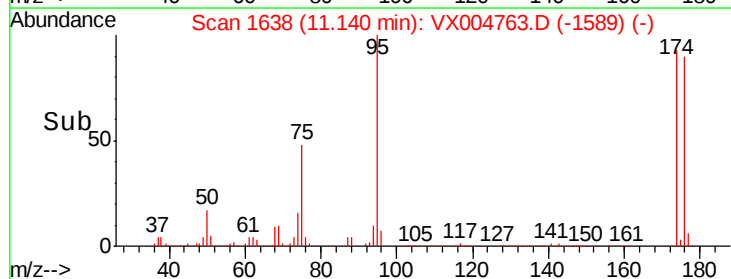
100000

50000

0

11.10 11.20

Time-->





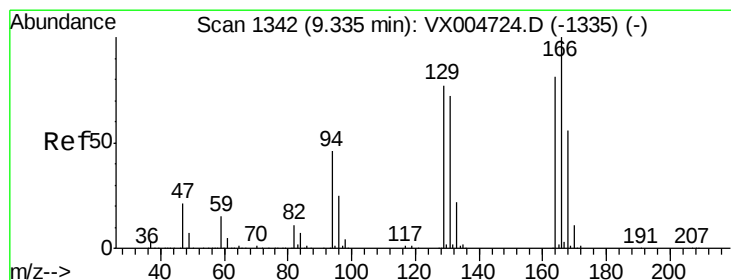
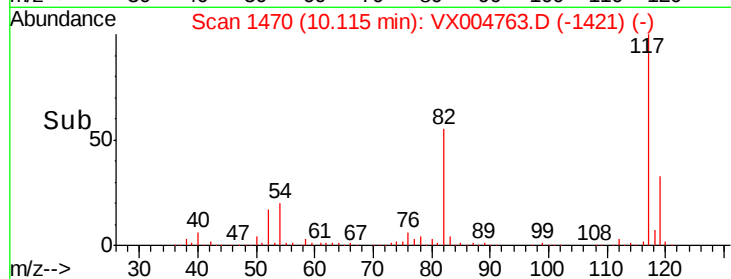
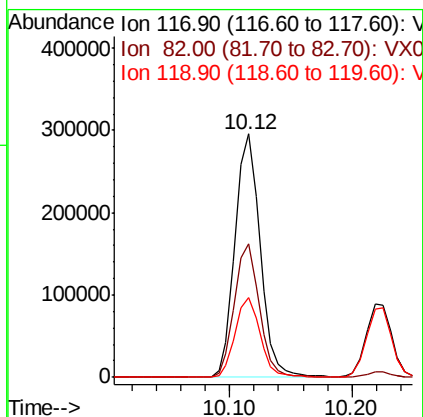
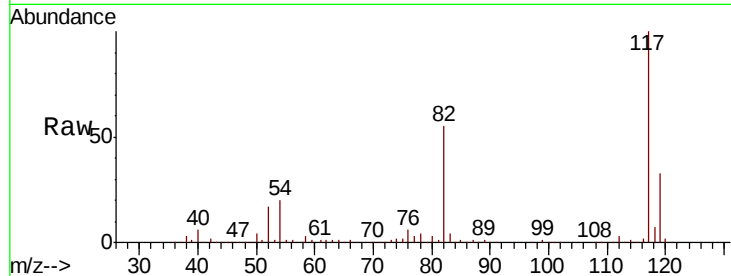
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	47.8	71.6
119	32.6	29.3	43.9

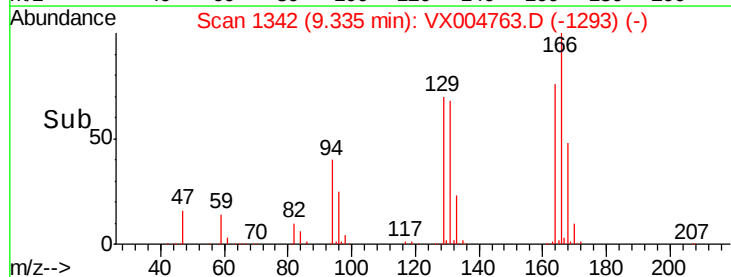
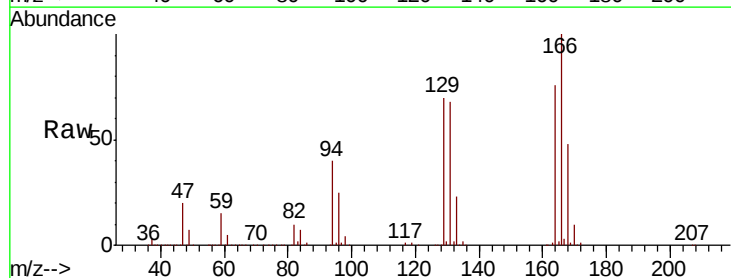
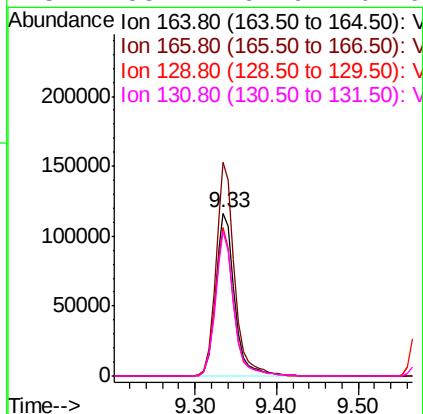
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#64
Tetrachloroethene
Concen: 45.549 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.9	102.8	154.2
129	91.4	69.4	104.0
131	88.7	67.9	101.9





#65

Chlorobenzene

Concen: 48.507 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 525321

Ion Ratio Lower Upper

112 100

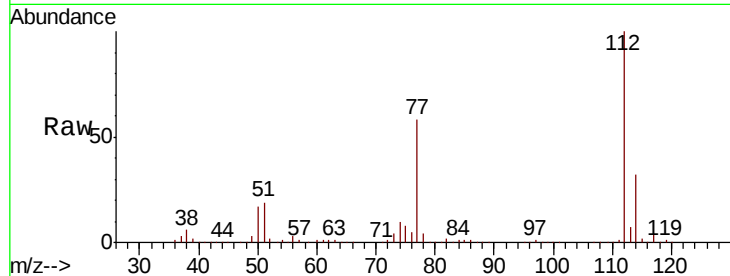
114 31.7 27.8 41.8

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

400000

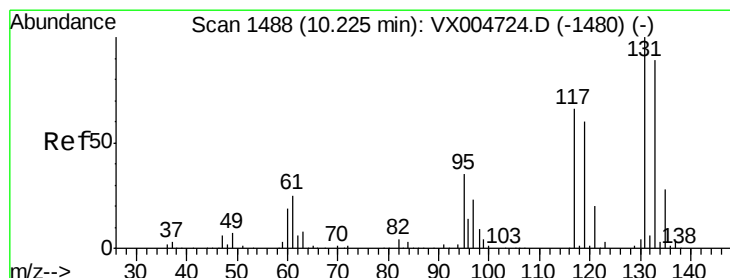
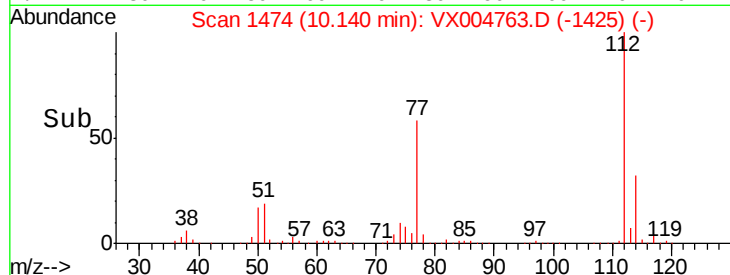
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.207 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

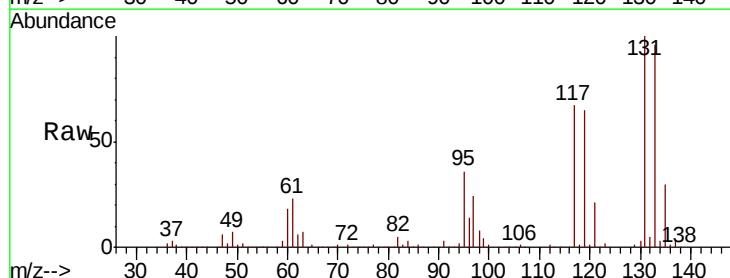
Tgt Ion:131 Resp: 187345

Ion Ratio Lower Upper

131 100

133 95.8 48.1 144.4

119 64.7 32.9 98.6



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

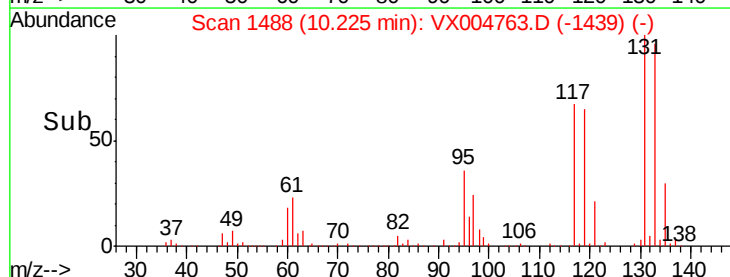
150000

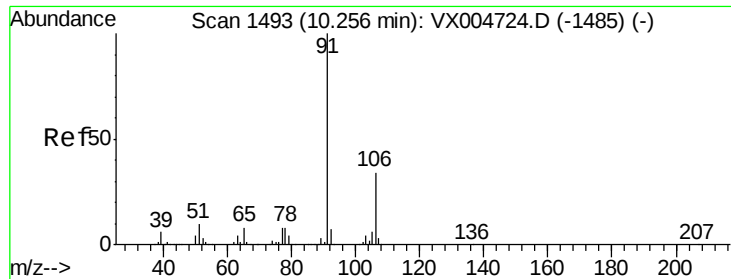
100000

50000

0

Time-->





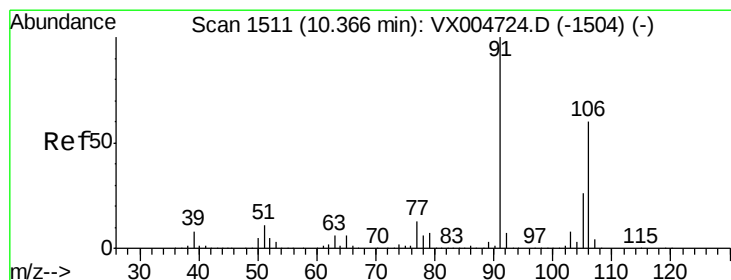
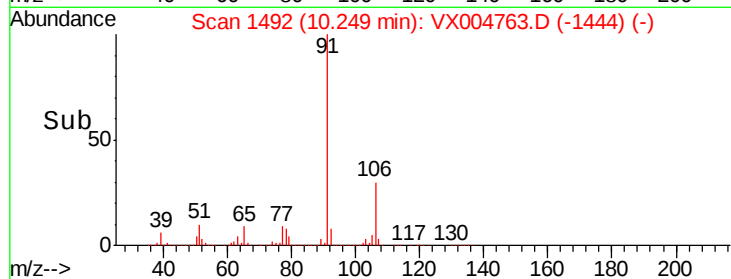
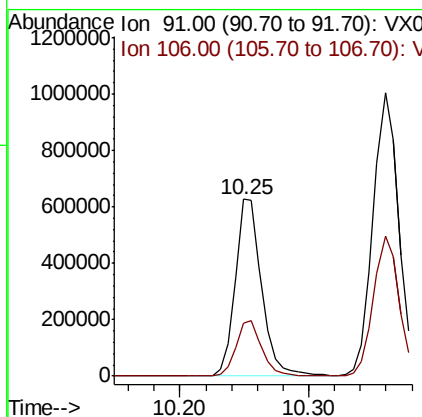
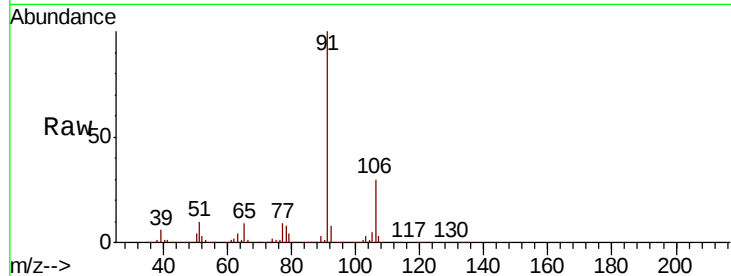
#67
Ethyl Benzene
Concen: 52.105 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		895869		
106	30.3	25.9	38.9		

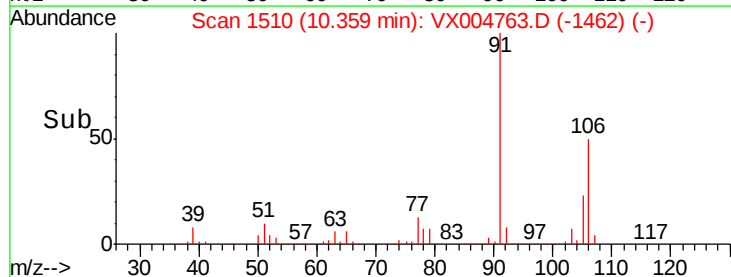
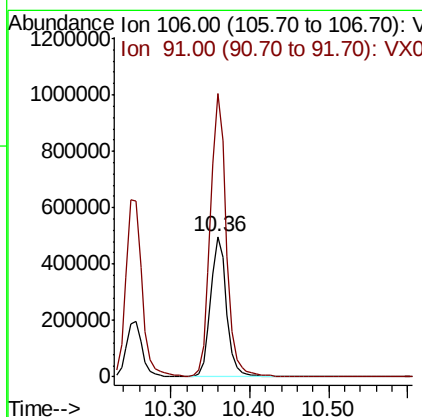
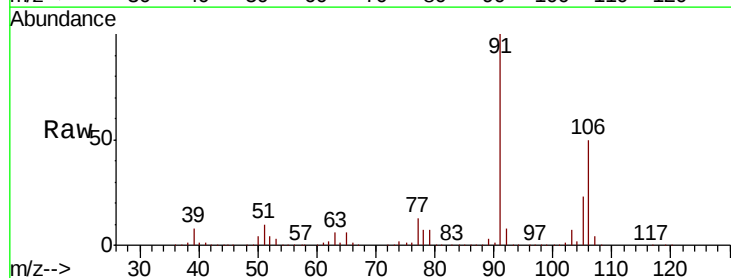
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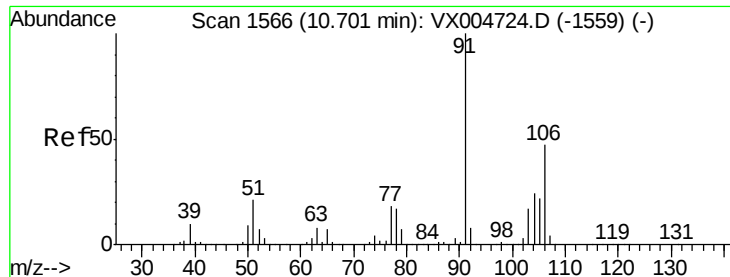
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#68
m/p-Xylenes
Concen: 104.024 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		698909		
91	202.7	157.1	235.7		





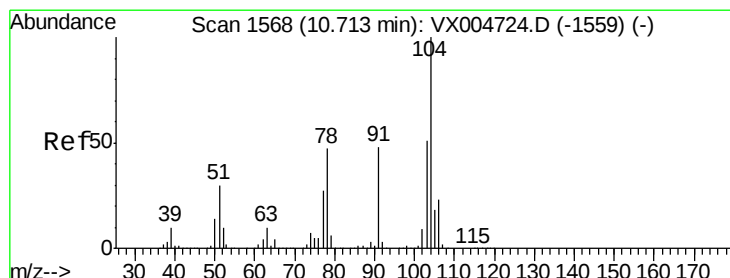
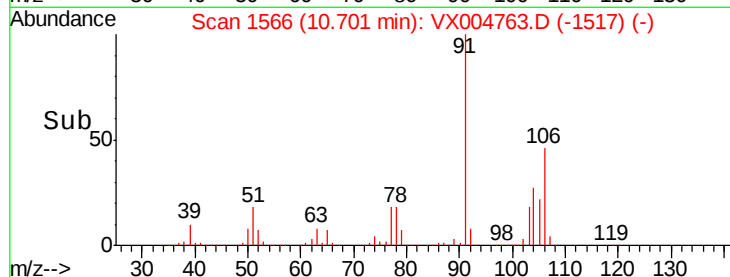
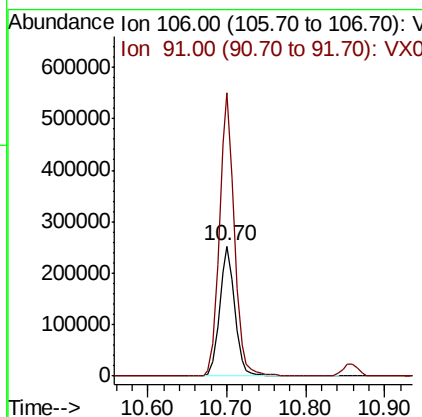
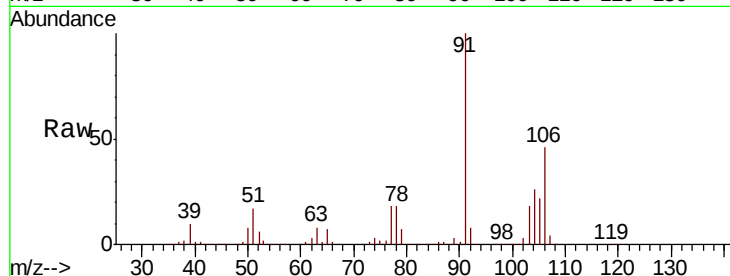
#69
o-Xylene
Concen: 54.778 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.4	105.1	315.1	

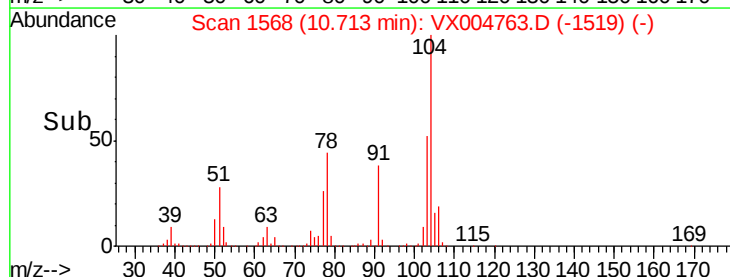
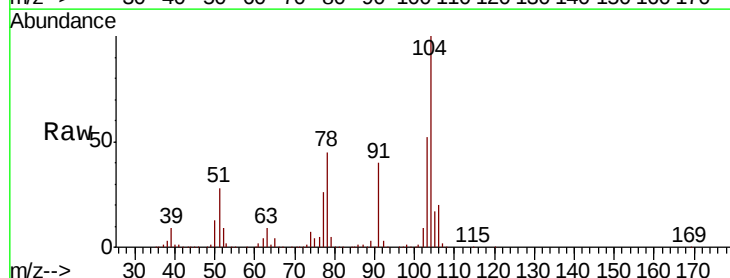
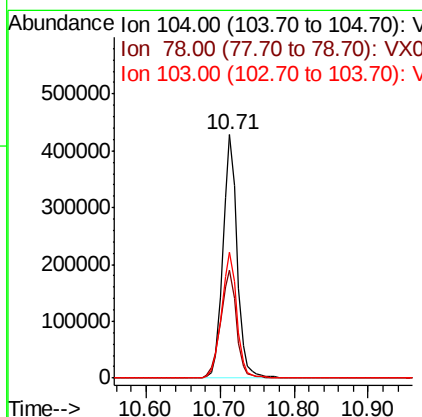
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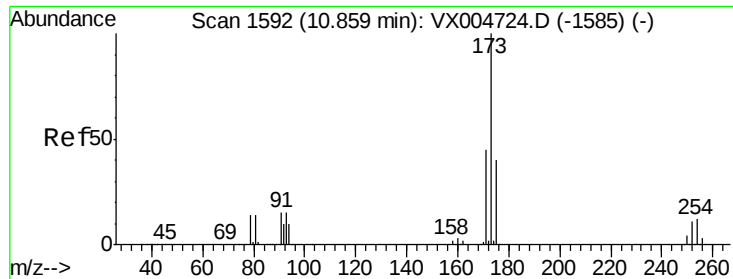
MMDadoda
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#70
Styrene
Concen: 49.397 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.1	37.4	56.0	
103	55.8	43.8	65.6	





#71

Bromoform

Concen: 51.212 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

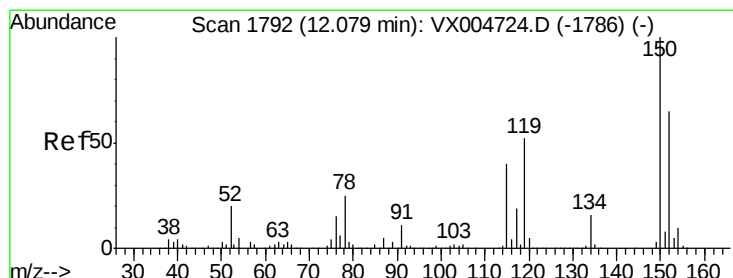
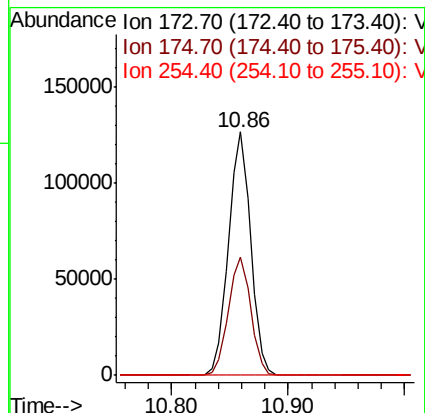
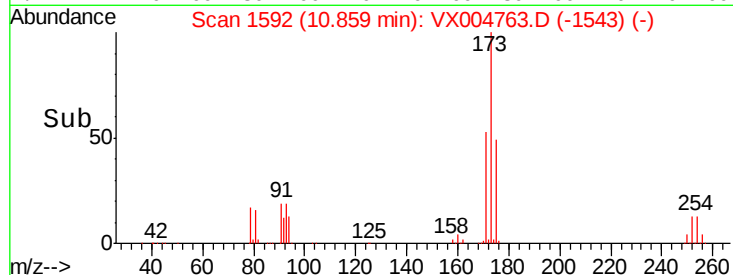
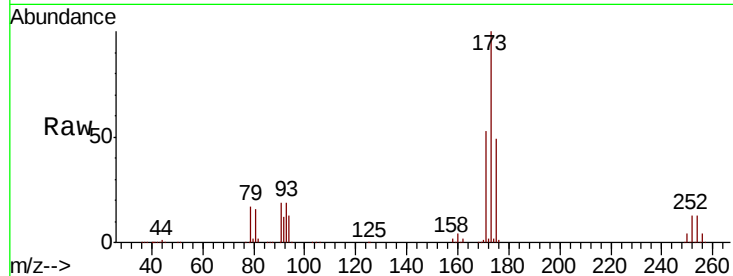
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	166926
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.1	72.3
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

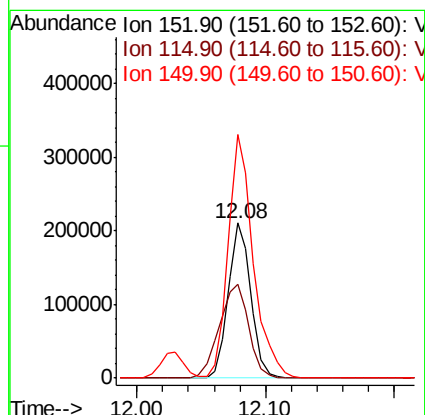
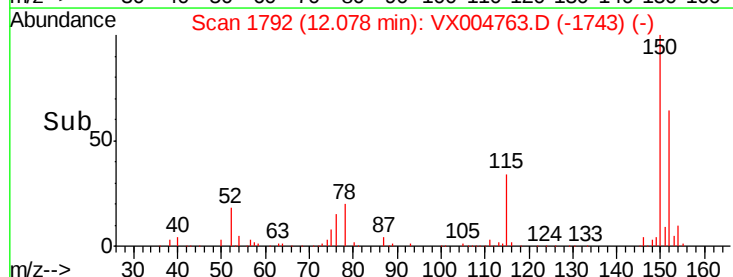
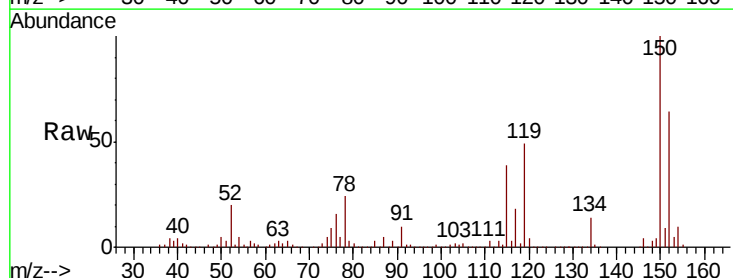
RT: 12.08 min Scan# 1792

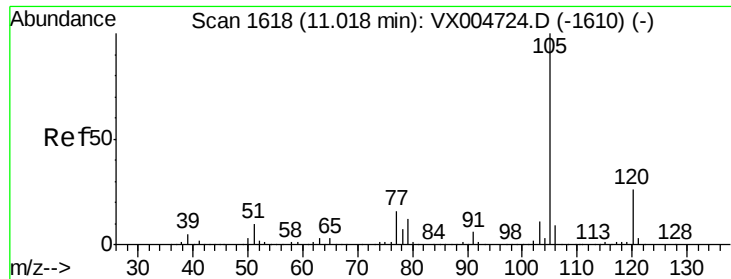
Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Tgt Ion:	152	Resp:	260389
Ion Ratio	Lower	Upper	
152	100		
115	78.4	39.0	117.0
150	174.1	0.0	351.0





#73

Isopropylbenzene

Concen: 54.784 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 899148

Ion Ratio Lower Upper

105 100

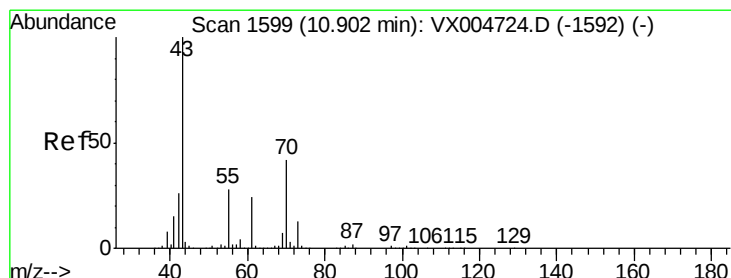
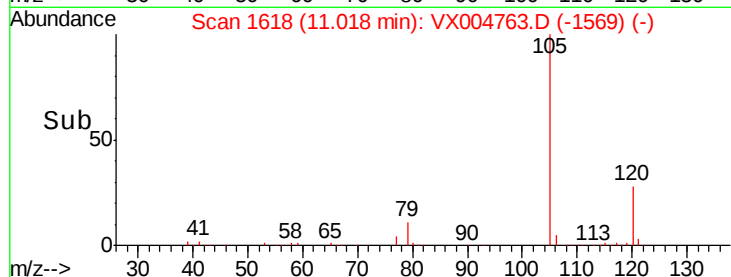
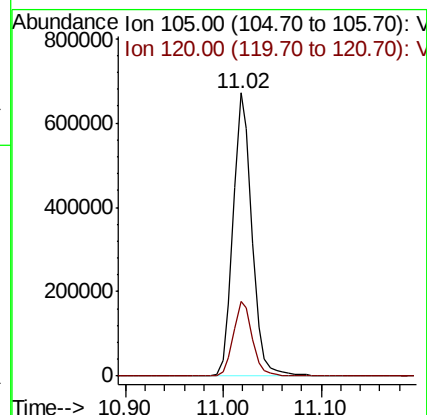
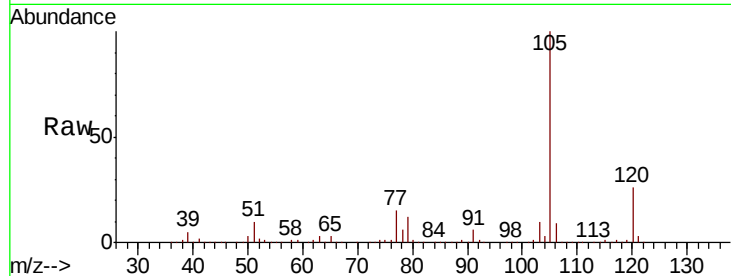
120 26.6 13.5 40.4

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#74

N-ethyl acetate

Concen: 51.382 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Tgt Ion: 43 Resp: 463972

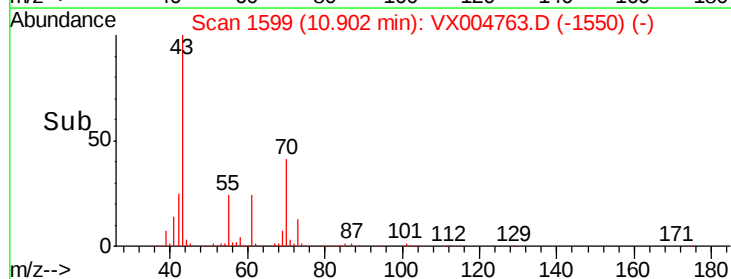
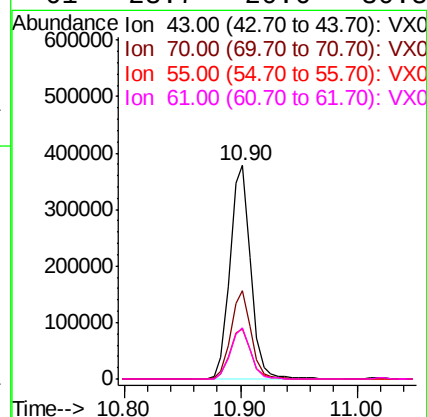
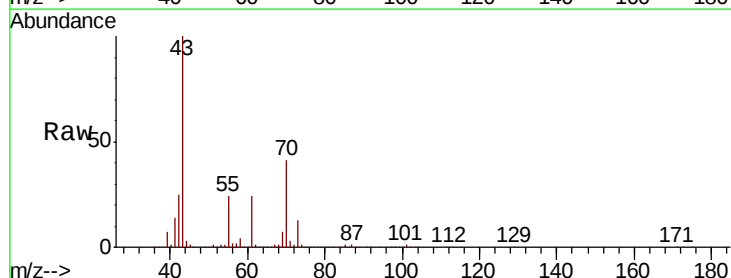
Ion Ratio Lower Upper

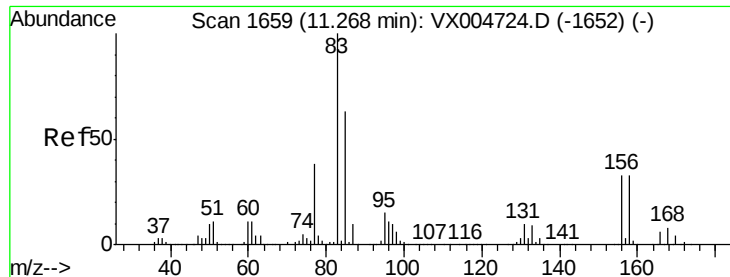
43 100

70 40.5 37.4 56.0

55 23.9 21.8 32.8

61 23.7 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.765 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

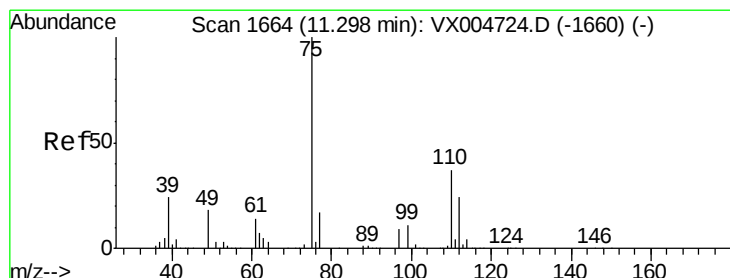
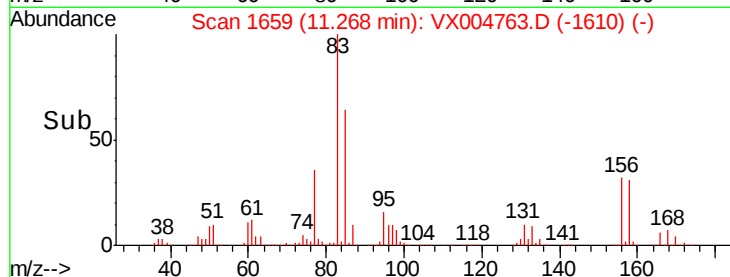
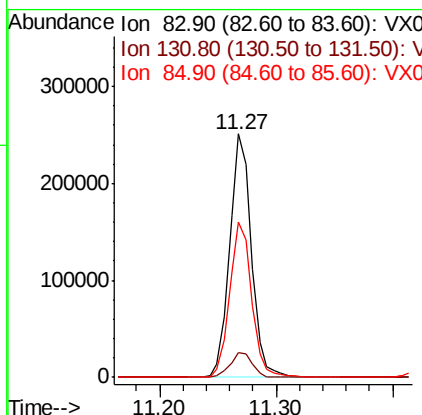
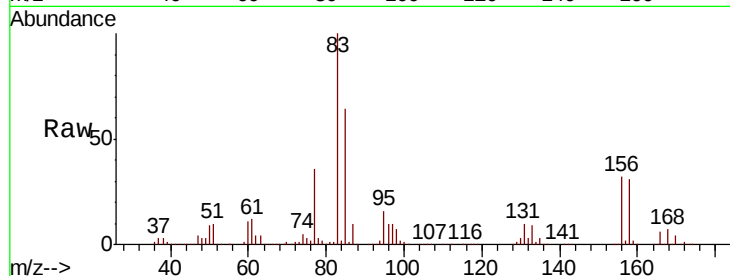
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	325804
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	64.6	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 51.650 ug/l m

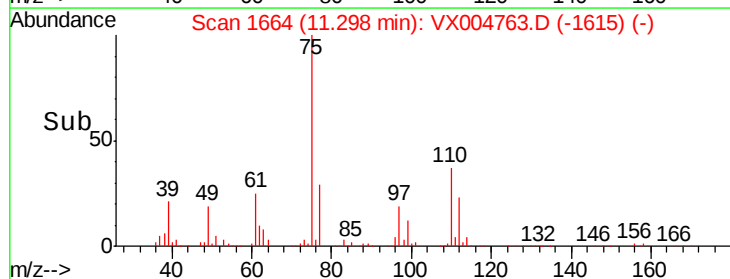
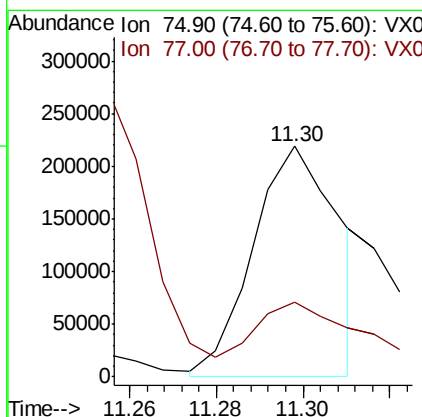
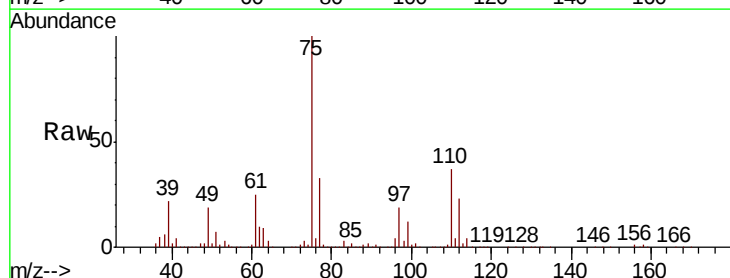
RT: 11.30 min Scan# 1664

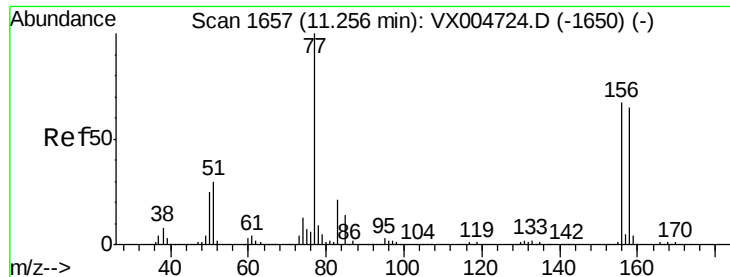
Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Tgt Ion:	75	Resp:	301444
Ion	Ratio	Lower	Upper
75	100		
77	42.0	20.2	60.6





#77

Bromobenzene

Concen: 51.048 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

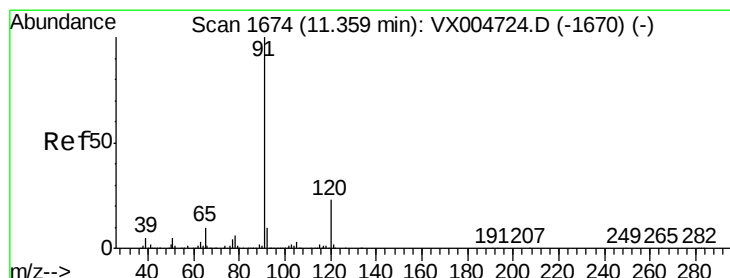
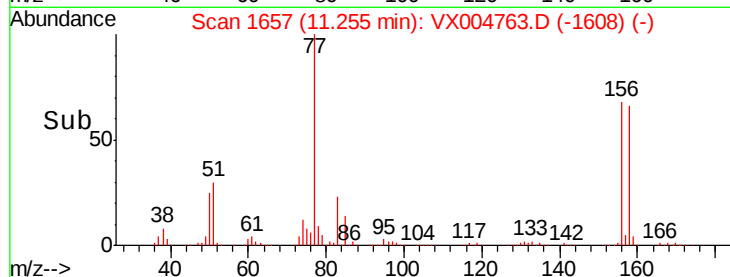
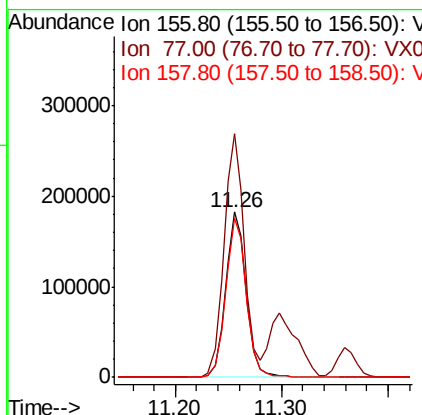
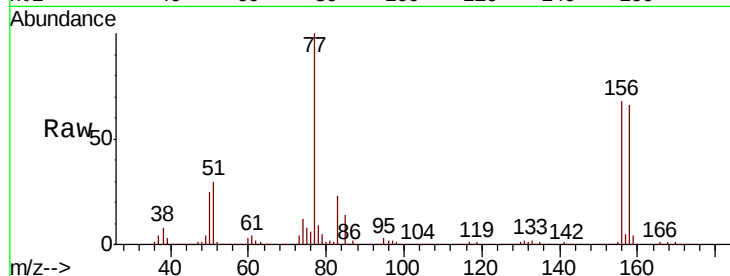
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	146.6	71.5	214.3
158	97.0	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 55.198 ug/l

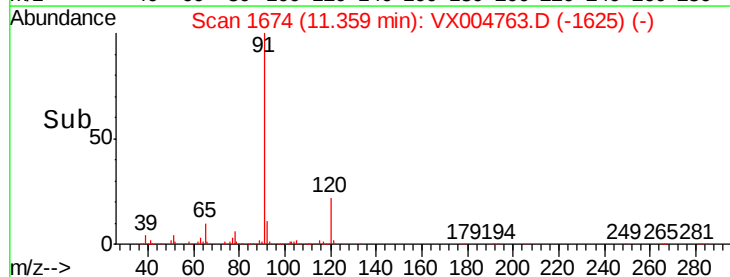
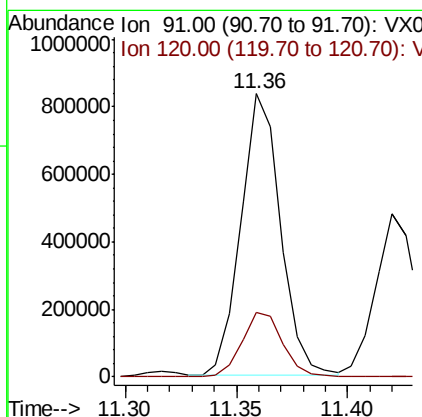
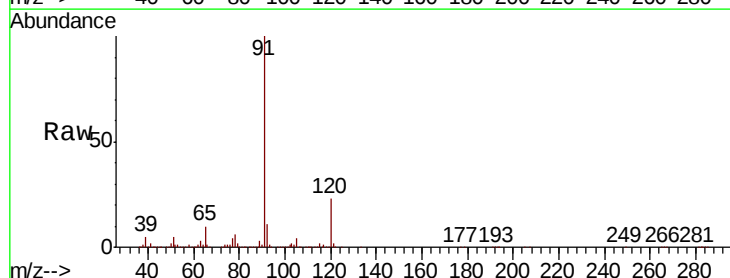
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.9





#79

2-Chlorotoluene

Concen: 52.376 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 614790

Ion Ratio Lower Upper

91 100

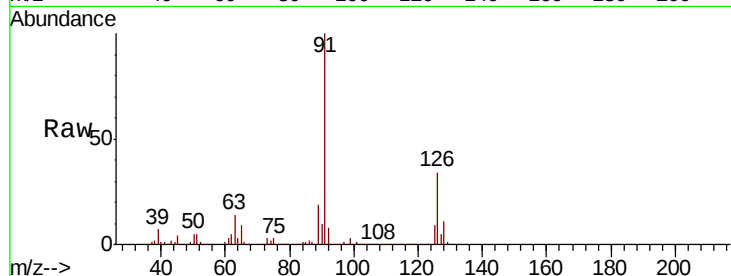
126 35.3 17.9 53.7

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Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX004724.D (-1680) (-)

1000000

800000

600000

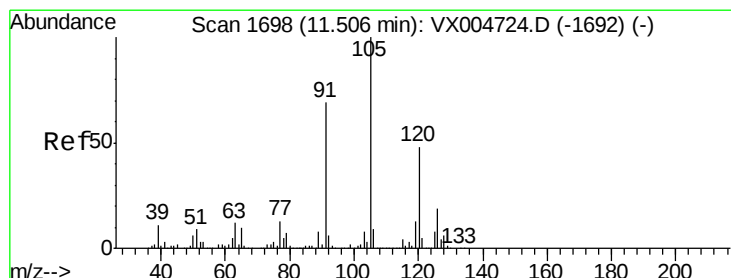
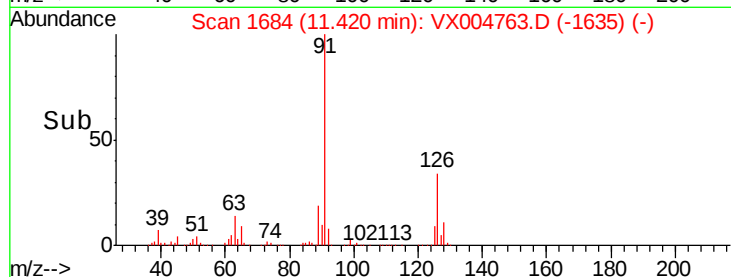
400000

200000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.976 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004763.D

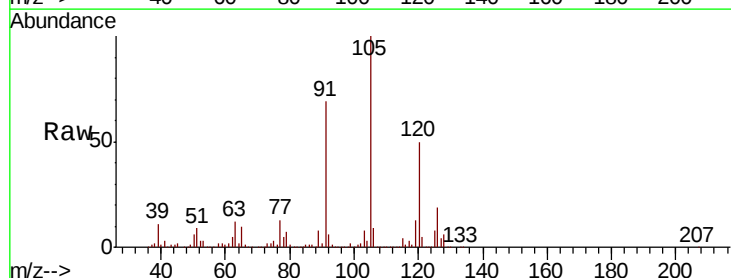
Acq: 27 Sep 2018 10:08

Tgt Ion: 105 Resp: 766767

Ion Ratio Lower Upper

105 100

120 49.3 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004724.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004724.D (-1692) (-)

600000

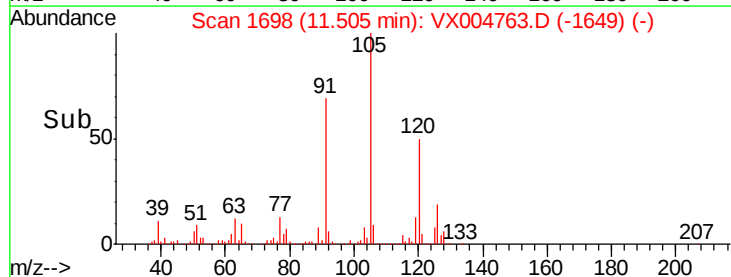
400000

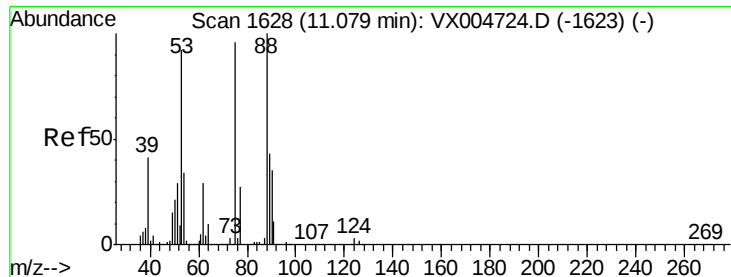
200000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 48.137 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 102842

Ion Ratio Lower Upper

75 100

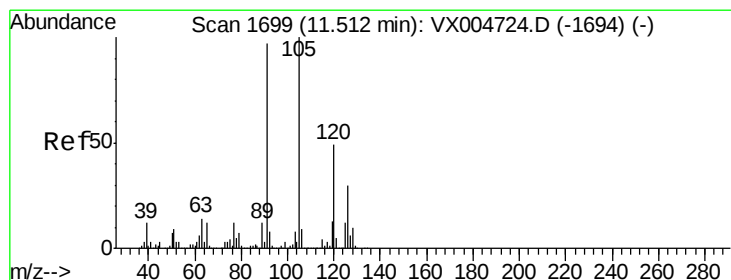
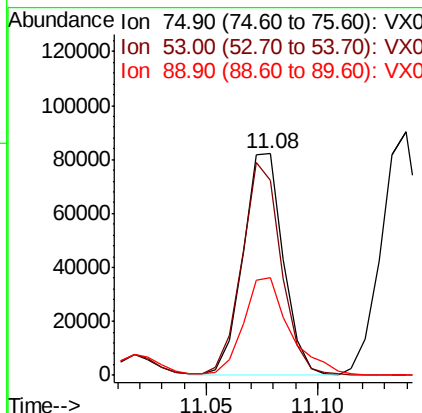
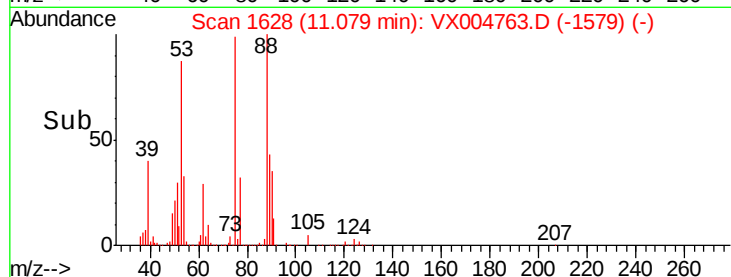
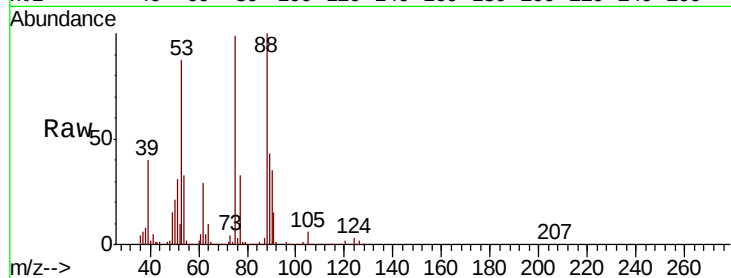
53 94.4 80.1 120.1

89 51.3 37.2 55.8

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#82

4-Chlorotoluene

Concen: 52.867 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004763.D

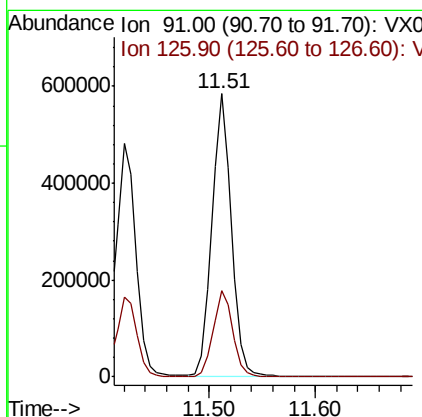
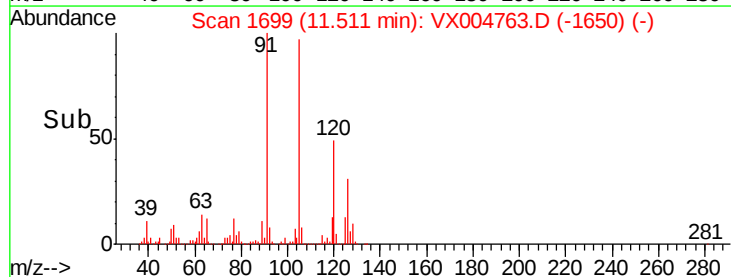
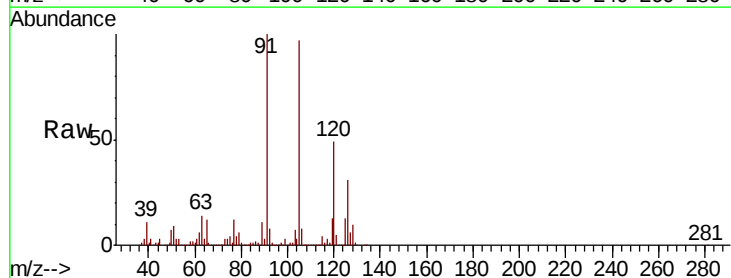
Acq: 27 Sep 2018 10:08

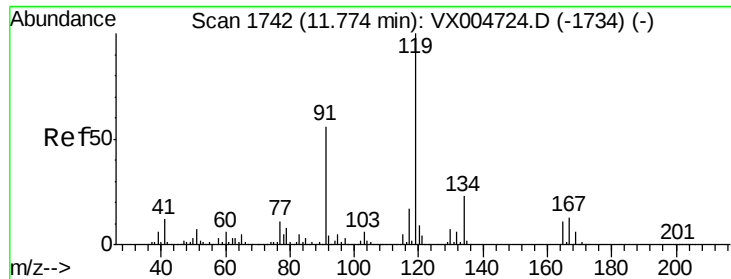
Tgt Ion: 91 Resp: 730426

Ion Ratio Lower Upper

91 100

126 30.8 15.5 46.5





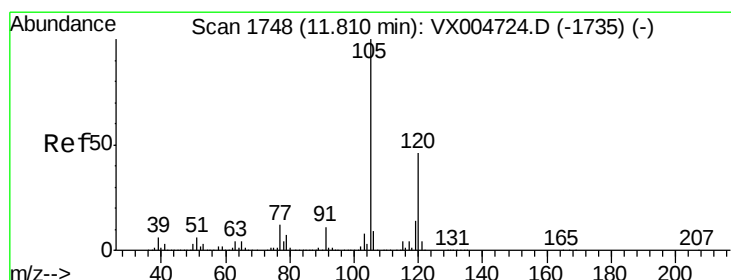
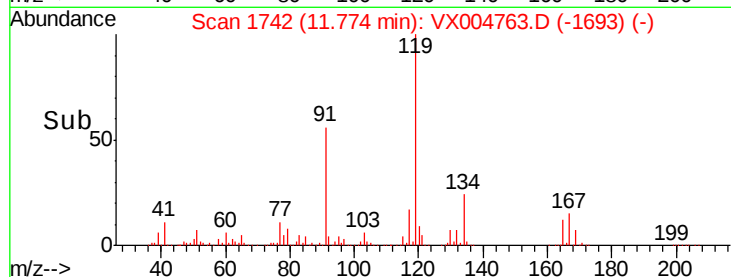
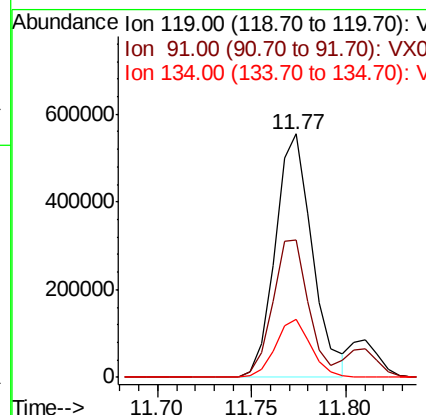
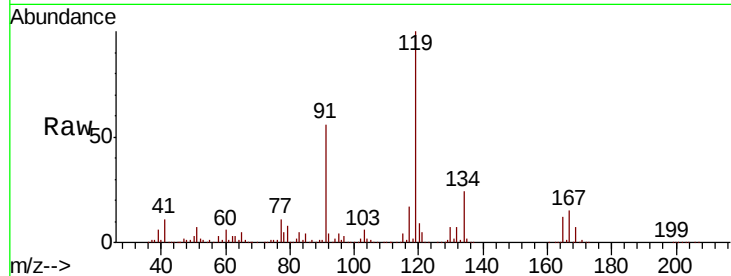
#83
 tert-Butylbenzene
 Concen: 55.987 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	756559		
91	54.4	27.0	81.0	
134	22.9	11.7	35.1	

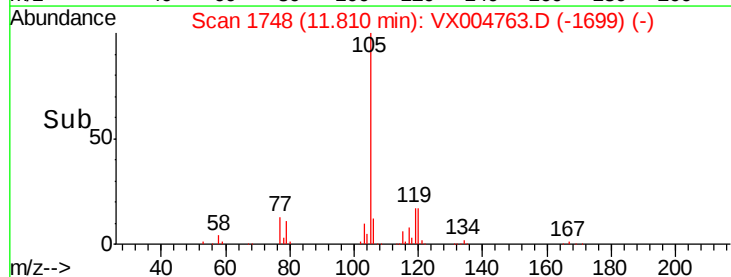
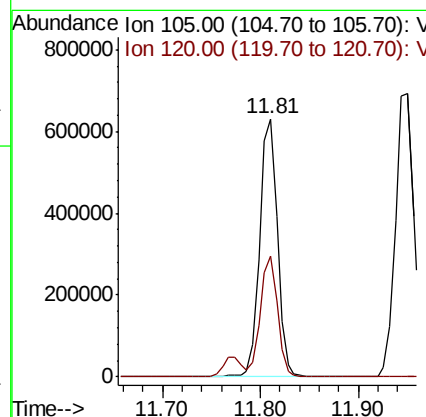
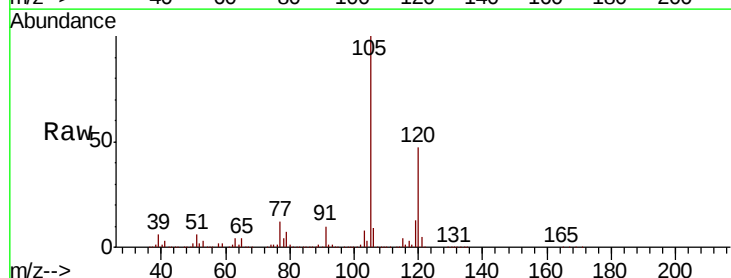
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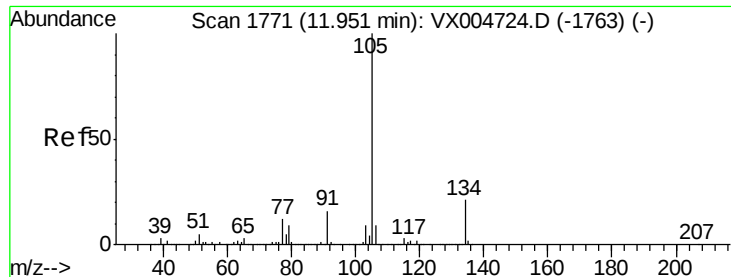
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.156 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	793530		
120	45.3	23.2	69.6	





#85

sec-Butylbenzene

Concen: 55.432 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 912377

Ion Ratio Lower Upper

105 100

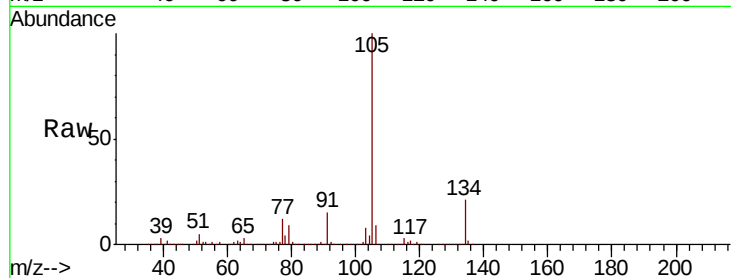
134 20.3 10.5 31.5

Manual Integrations

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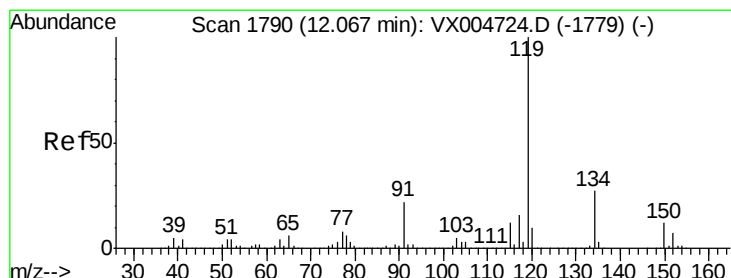
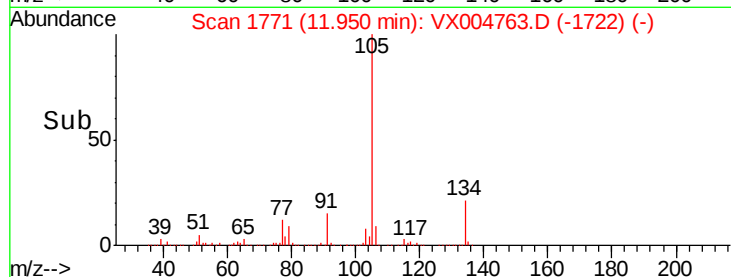
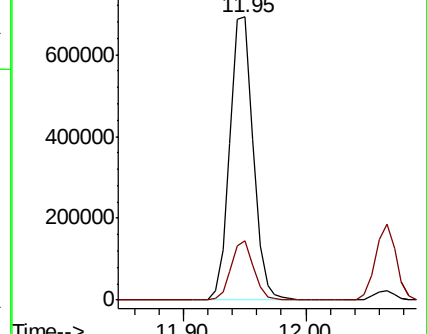
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.604 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

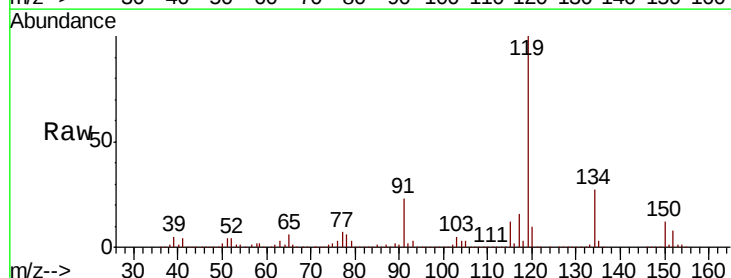
Tgt Ion:119 Resp: 829177

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.2

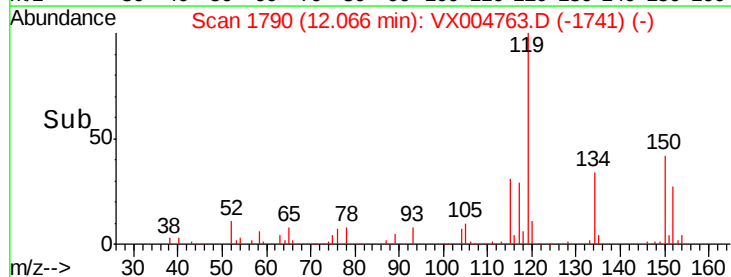
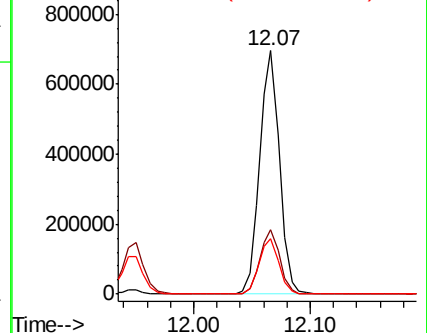
91 22.9 10.9 32.7

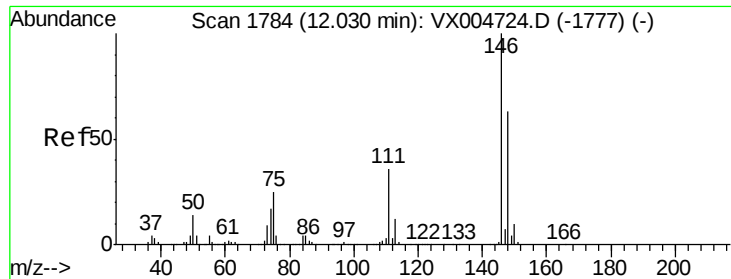


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.532 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

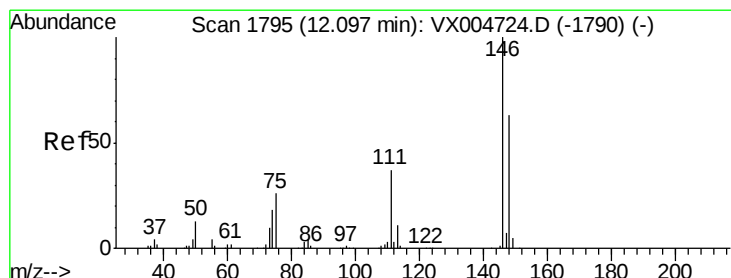
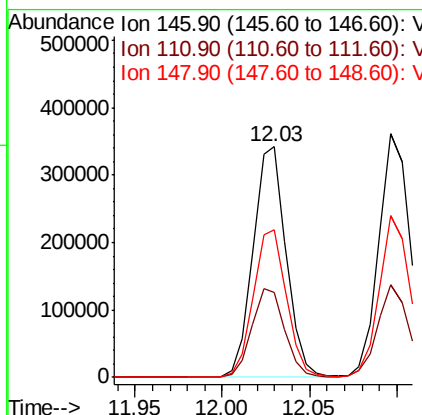
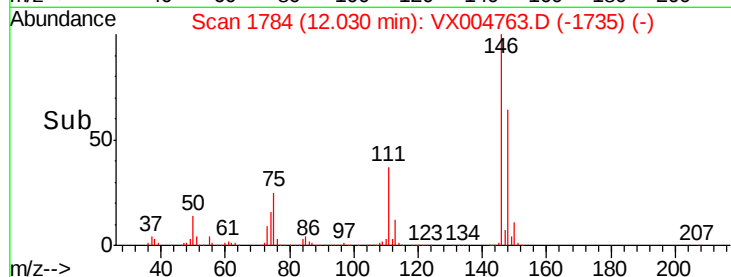
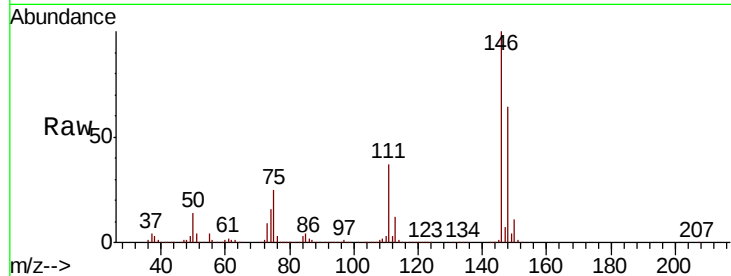
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	449819
Ion Ratio	Lower	Upper	
146	100		
111	38.3	18.7	56.1
148	64.2	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 49.360 ug/l

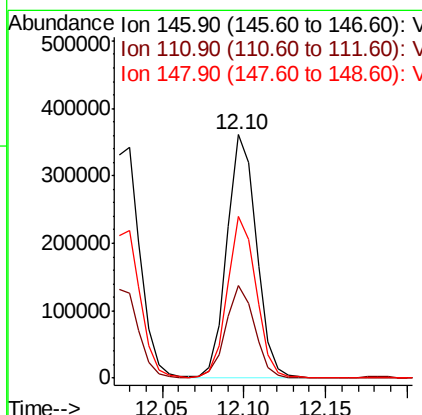
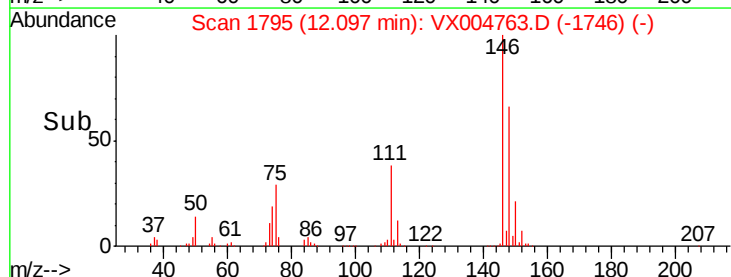
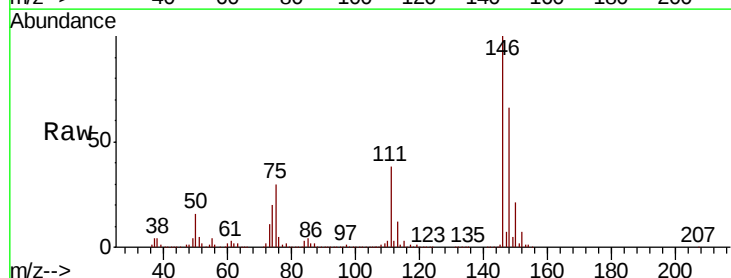
RT: 12.10 min Scan# 1795

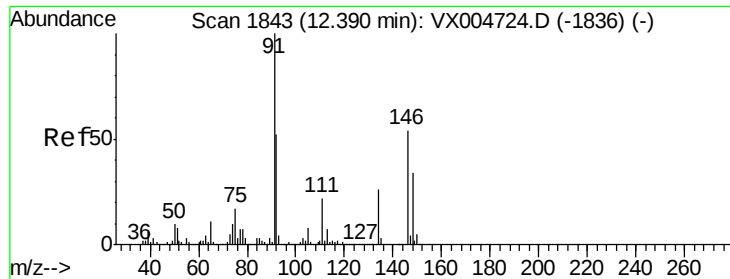
Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Tgt Ion:	146	Resp:	453574
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.1	54.1
148	64.9	32.0	96.0





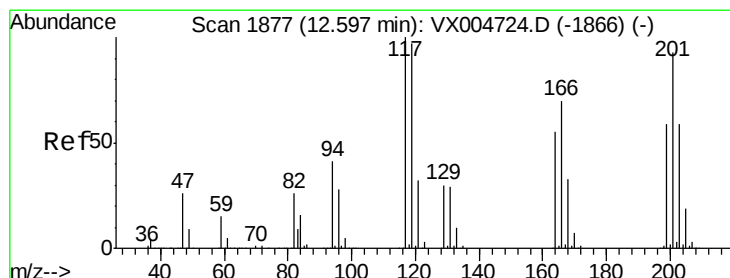
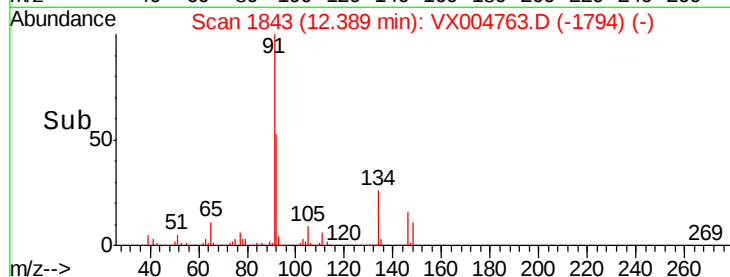
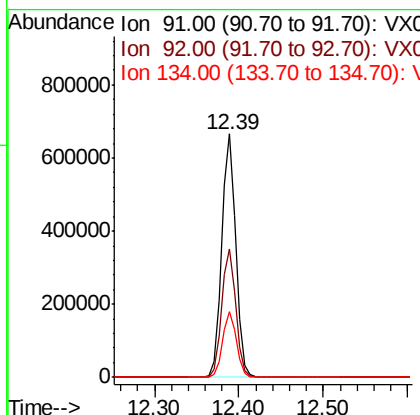
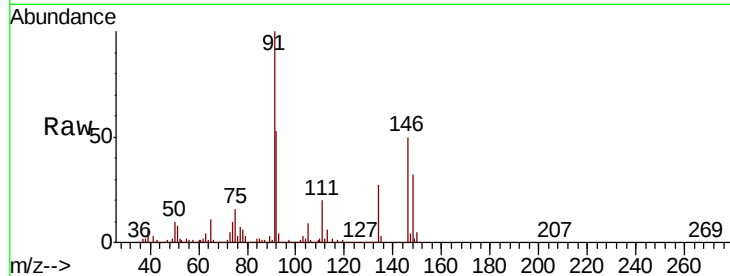
#89
n-Butylbenzene
Concen: 56.739 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	27.3	81.9
134	26.5	13.6	40.7

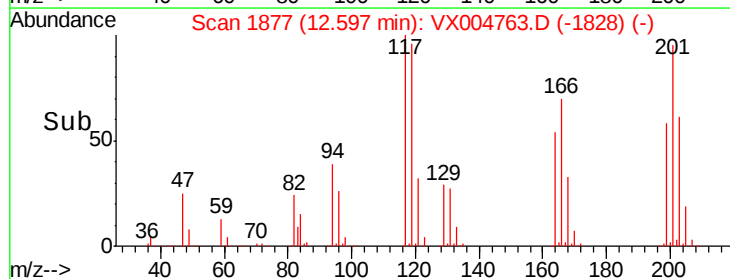
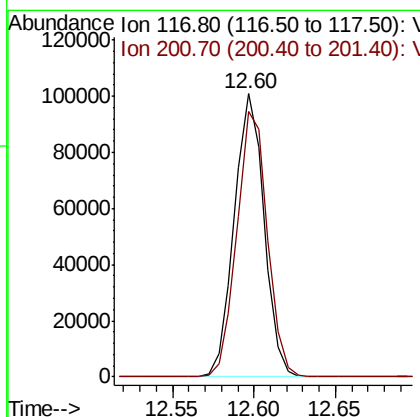
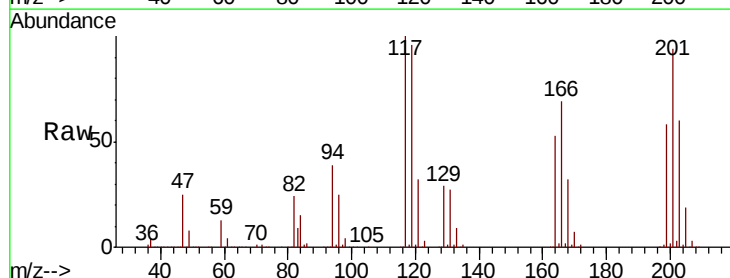
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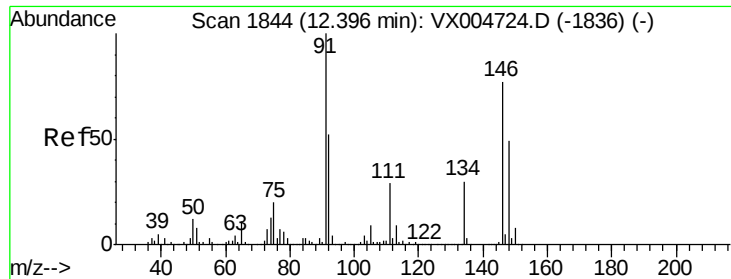
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#90
Hexachloroethane
Concen: 51.562 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004763.D
Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.3	46.9	140.6





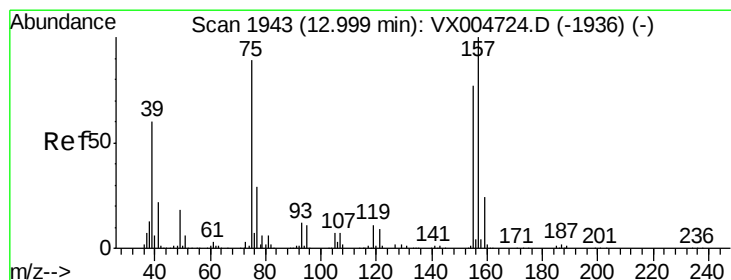
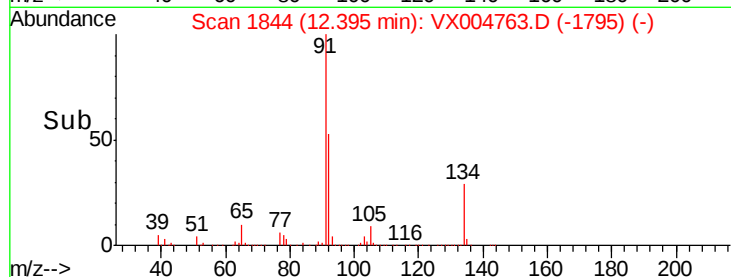
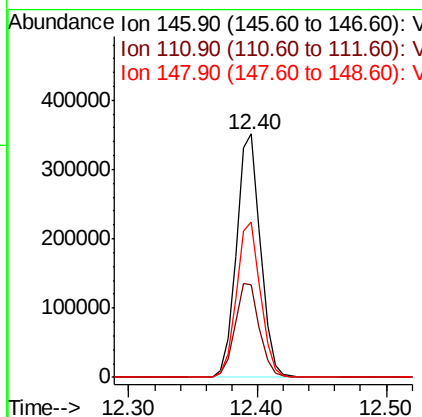
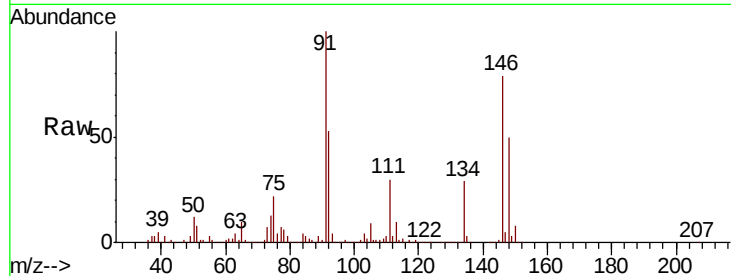
#91
 1,2-Dichlorobenzene
 Concen: 48.669 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.1
148	64.1	32.8	98.3

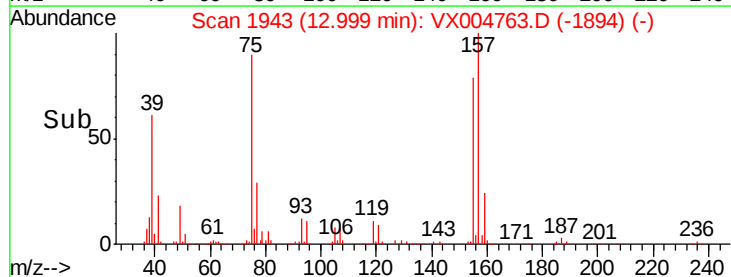
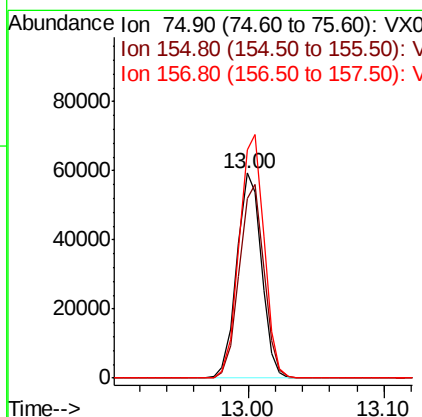
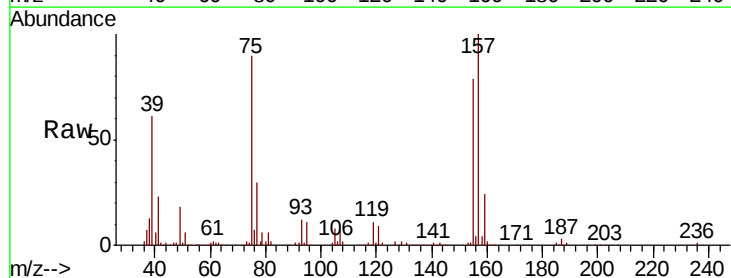
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.042 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004763.D
 Acq: 27 Sep 2018 10:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.0	48.0	144.2
157	119.6	61.4	184.1





#93

1,2,4-Trichlorobenzene

Concen: 53.936 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

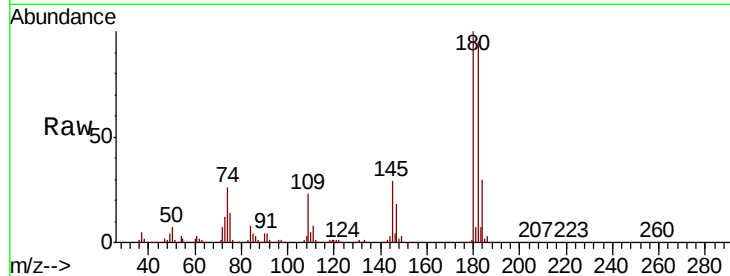
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	351971
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.4	145.0
145	28.4	14.3	42.9

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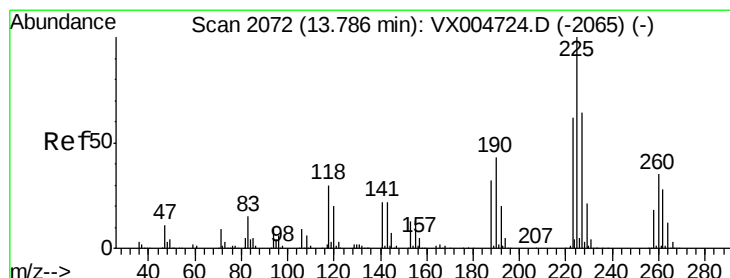
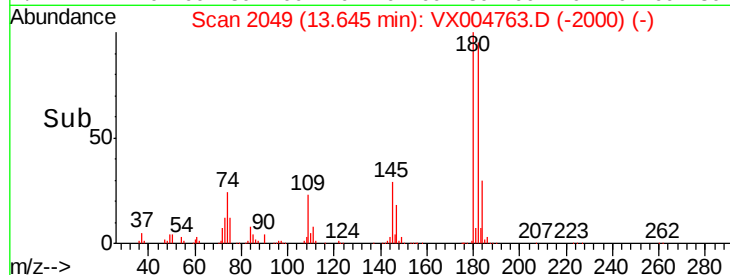
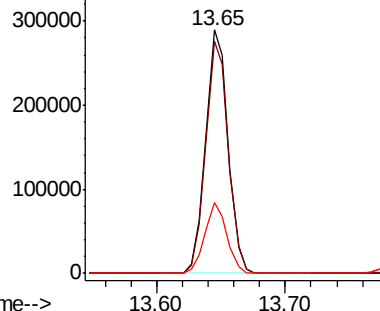


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 51.179 ug/l

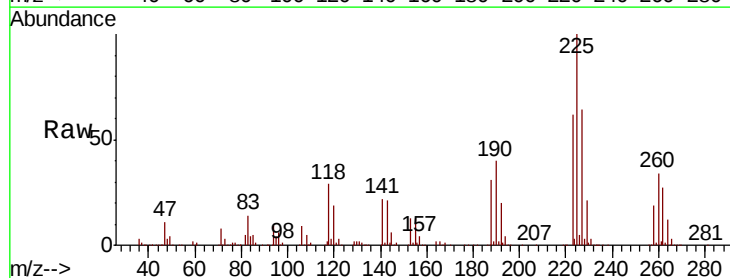
RT: 13.79 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Tgt Ion:	225	Resp:	173186
Ion Ratio	Lower	Upper	
225	100		
223	62.2	30.1	90.5
227	63.8	30.8	92.4

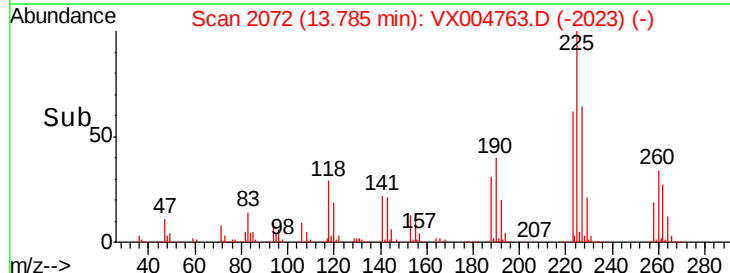
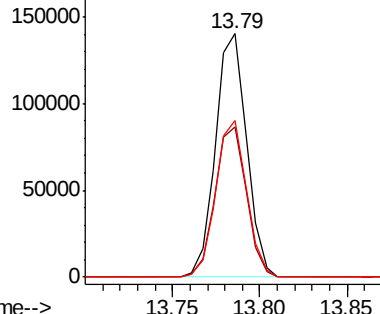


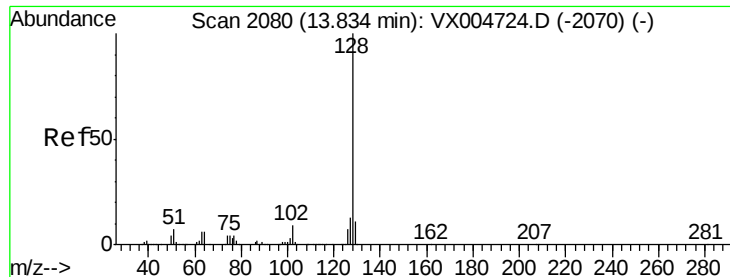
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.162 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1108488

Ion Ratio Lower Upper

128 100

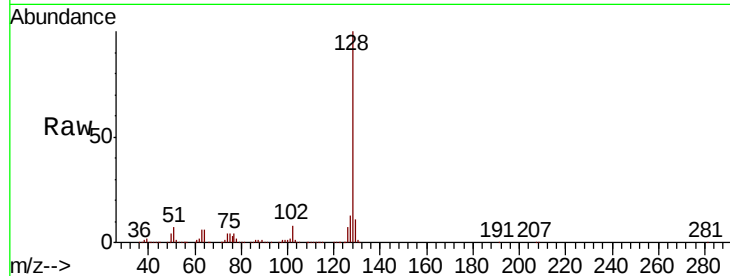
127 12.9 10.2 15.2

129 10.9 8.6 12.8

Manual Integrations
APPROVED

MMDadoda

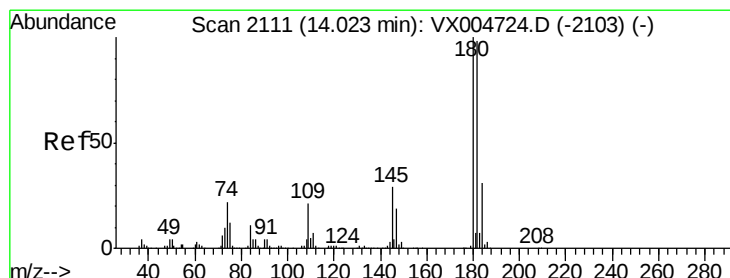
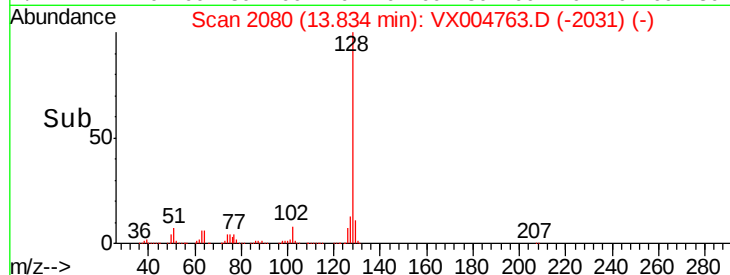
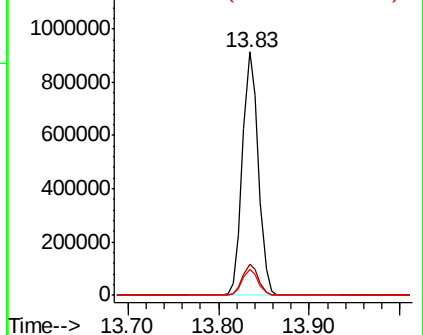
9/28/2018 2:26:07 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.913 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004763.D

Acq: 27 Sep 2018 10:08

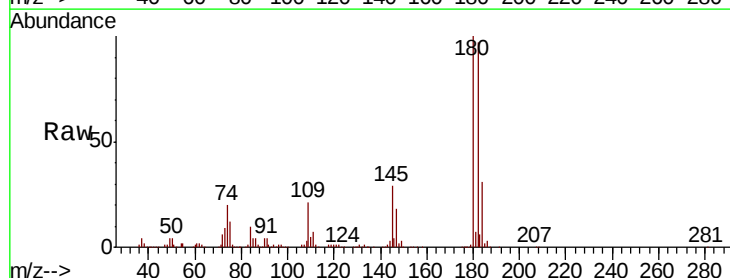
Tgt Ion:180 Resp: 356691

Ion Ratio Lower Upper

180 100

182 95.4 48.5 145.6

145 29.6 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

