

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
 Data File : VX005353.D
 Acq On : 15 Oct 2018 19:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 10/16/2018 2:23:30 PM

Quant Time: Oct 16 05:28:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	252813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191234	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	133618	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	5.51	113	109796	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
50) Toluene-d8	8.72	98	418524	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	11.14	95	156313	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	105764	53.51	ug/l	96
3) Chloromethane	1.32	50	137000	47.83	ug/l	99
4) Vinyl Chloride	1.40	62	139400	48.04	ug/l	98
5) Bromomethane	1.64	94	78906	48.17	ug/l	98
6) Chloroethane	1.71	64	88778	52.00	ug/l	95
7) Trichlorofluoromethane	1.92	101	196836	50.84	ug/l	96
8) Diethyl Ether	2.19	74	80929	48.95	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	114712	51.33	ug/l	96
10) Methyl Iodide	2.51	142	136703	55.50	ug/l	99
11) Tert butyl alcohol	3.07	59	202611	255.99	ug/l	100
12) 1,1-Dichloroethene	2.37	96	109547	49.47	ug/l	97
13) Acrolein	2.29	56	94537	186.63	ug/l	95
14) Allyl chloride	2.73	41	241544	49.69	ug/l	95
15) Acrylonitrile	3.15	53	437885	244.14	ug/l	98
16) Acetone	2.45	43	394220	243.00	ug/l	96
17) Carbon Disulfide	2.57	76	315382	47.02	ug/l	100
18) Methyl Acetate	2.78	43	238672	51.71	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	399880	51.28	ug/l	98
20) Methylene Chloride	2.85	84	127257	53.94	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	118358	48.23	ug/l	95
22) Diisopropyl ether	3.87	45	386358	47.32	ug/l	95
23) Vinyl Acetate	3.82	43	1712509	239.96	ug/l	97
24) 1,1-Dichloroethane	3.70	63	221763	47.39	ug/l	99
25) 2-Butanone	4.70	43	570114	240.19	ug/l	95
26) 2,2-Dichloropropane	4.58	77	162226	46.35	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	125487	47.06	ug/l	96
28) Bromochloromethane	5.02	49	104603	49.03	ug/l	95
29) Tetrahydrofuran	5.15	42	362233	239.25	ug/l	94
30) Chloroform	5.21	83	212697	48.97	ug/l	99
31) Cyclohexane	5.57	56	186128	48.26	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	185602	49.11	ug/l	100
36) 1,1-Dichloropropene	5.80	75	156965	45.79	ug/l	99
37) Ethyl Acetate	4.85	43	203274	46.11	ug/l	98
38) Carbon Tetrachloride	5.78	117	166112	48.23	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185438	49.98	ug/l	97
40) Benzene	6.14	78	487522	47.41	ug/l	99
41) Methacrylonitrile	5.06	41	111604	47.22	ug/l	97
42) 1,2-Dichloroethane	6.20	62	170885	47.06	ug/l	98
43) Isopropyl Acetate	6.46	43	300952	51.25	ug/l	97
44) Trichloroethene	7.21	130	133106	50.70	ug/l	96
45) 1,2-Dichloropropane	7.52	63	124813	49.48	ug/l	97
46) Dibromomethane	7.66	93	83005	49.86	ug/l	98
47) Bromodichloromethane	7.90	83	162121	52.64	ug/l	100
48) Methyl methacrylate	7.77	41	159419	52.34	ug/l	95
49) 1,4-Dioxane	7.76	88	73791	1050.38	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1080298	265.67	ug/l	96
52) Toluene	8.79	92	301883	53.66	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	180794	54.25	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	195869	54.24	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	125087	52.49	ug/l	96
56) Ethyl methacrylate	9.18	69	192624	55.45	ug/l	95
57) 1,3-Dichloropropane	9.37	76	208327	52.38	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	549905	282.27	ug/l	95
59) 2-Hexanone	9.50	43	859888	262.89	ug/l	94
60) Dibromochloromethane	9.59	129	134919	54.78	ug/l	100
61) 1,2-Dibromoethane	9.67	107	131336	52.52	ug/l	100
64) Tetrachloroethene	9.34	164	136050	50.21	ug/l	98
65) Chlorobenzene	10.14	112	344246	48.08	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	127717	50.06	ug/l	99
67) Ethyl Benzene	10.26	91	583006	50.09	ug/l	98
68) m/p-Xylenes	10.36	106	456476	101.04	ug/l	95
69) o-Xylene	10.70	106	218963	50.26	ug/l	97
70) Styrene	10.71	104	368892	51.48	ug/l	97
71) Bromoform	10.86	173	114854	50.37	ug/l	99
73) Isopropylbenzene	11.02	105	598713	52.67	ug/l	99
74) N-amyl acetate	10.90	43	278391	50.77	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	205495	47.92	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	190801m	51.44	ug/l	
77) Bromobenzene	11.26	156	163963	50.44	ug/l	98
78) n-propylbenzene	11.36	91	687569	52.56	ug/l	100
79) 2-Chlorotoluene	11.42	91	403831	50.40	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	514343	52.83	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	61314	50.22	ug/l	99
82) 4-Chlorotoluene	11.51	91	480032	50.54	ug/l	100
83) tert-Butylbenzene	11.77	119	512318	51.97	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	529662	52.87	ug/l	99
85) sec-Butylbenzene	11.94	105	616717	52.86	ug/l	100
86) p-Isopropyltoluene	12.07	119	559554	53.06	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	302125	49.74	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	307422	49.47	ug/l	100
89) n-Butylbenzene	12.39	91	494149	51.61	ug/l	98
90) Hexachloroethane	12.60	117	90962	50.05	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	306060	49.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51531	49.26	ug/l	99

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VSTDCCC050EC

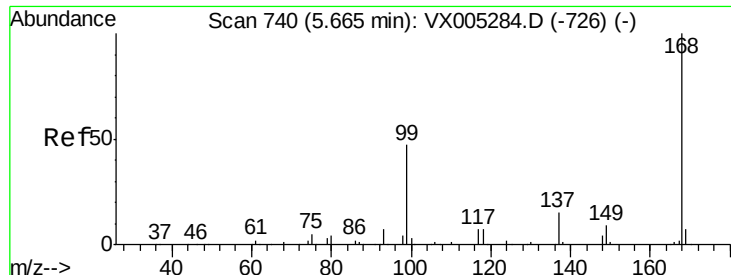
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	235465	51.78	ug/l	99
94) Hexachlorobutadiene	13.79	225	119279	49.66	ug/l	96
95) Naphthalene	13.83	128	723985	54.90	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	243508	52.33	ug/l	98

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



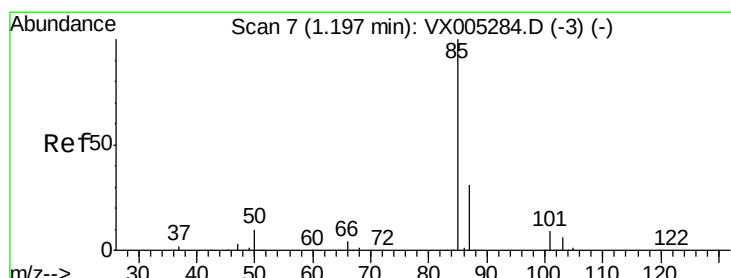
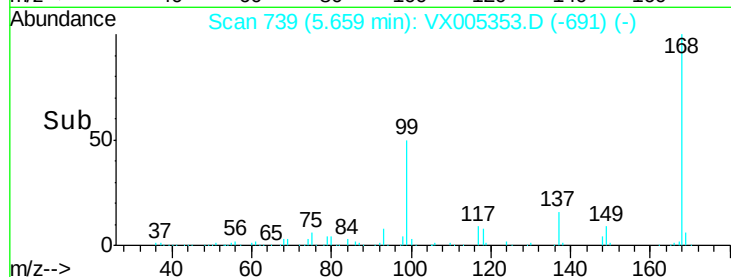
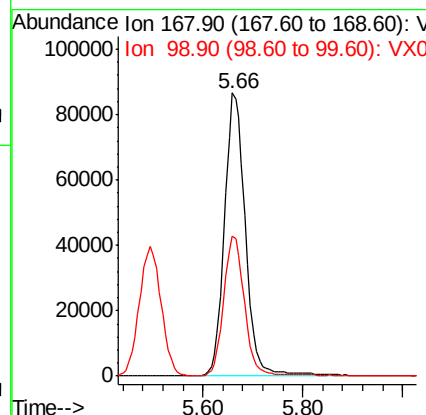
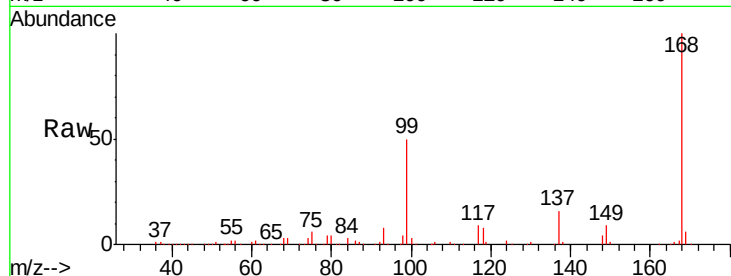
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
168	100		
99	49.6	39.9	59.9

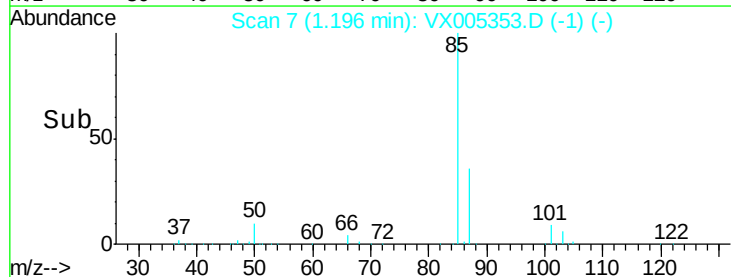
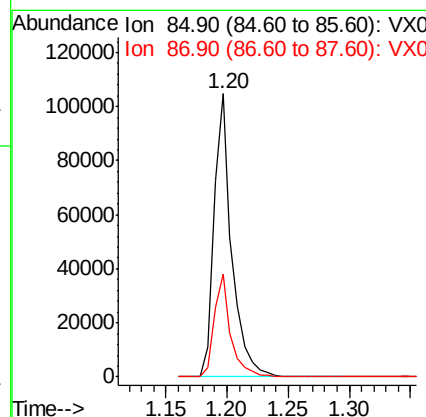
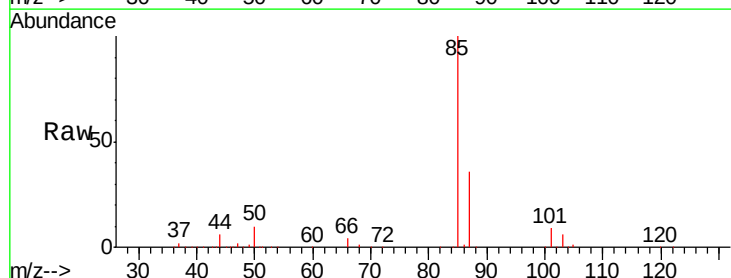
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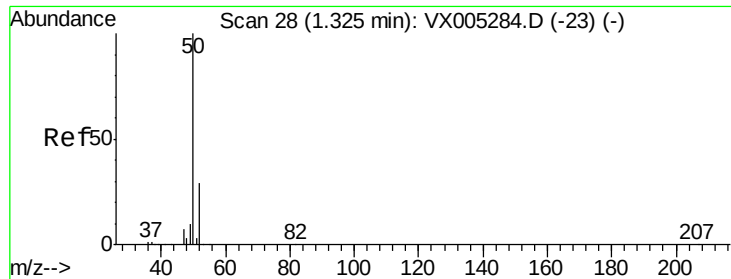
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#2
Dichlorodifluoromethane
Concen: 53.51 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
85	100		
87	36.3	17.0	50.9





#3

Chloromethane

Concen: 47.83 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 137000

Ion Ratio Lower Upper

50 100

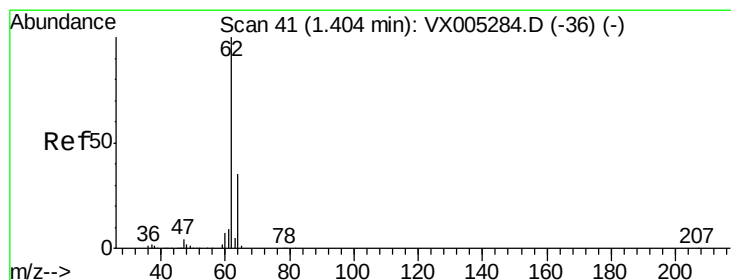
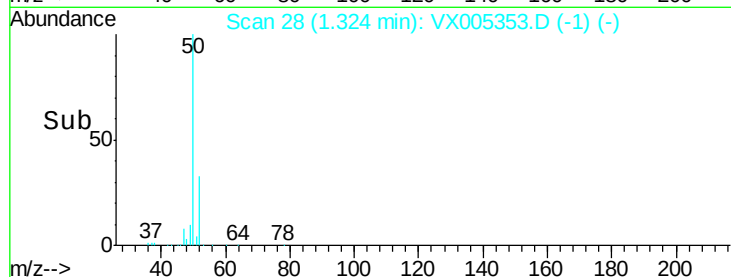
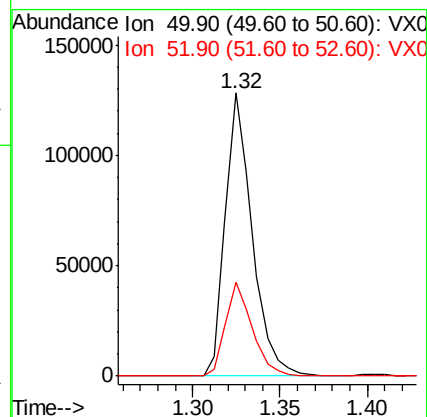
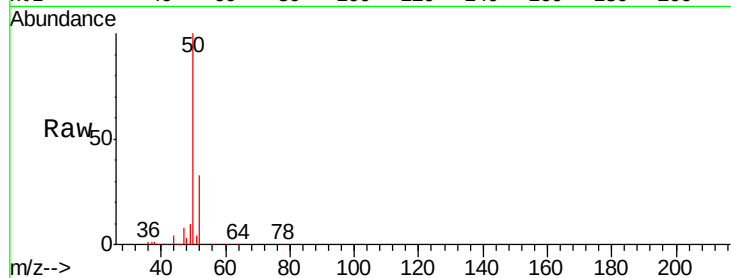
52 33.1 26.2 39.2

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#4

Vinyl Chloride

Concen: 48.04 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005353.D

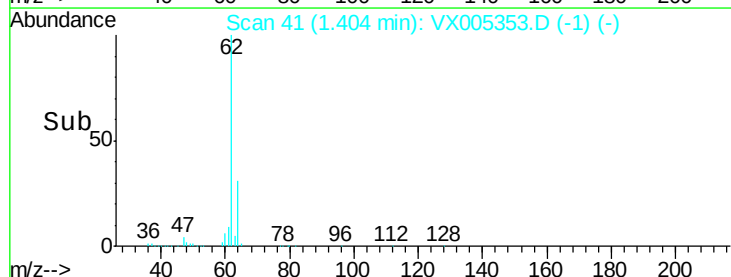
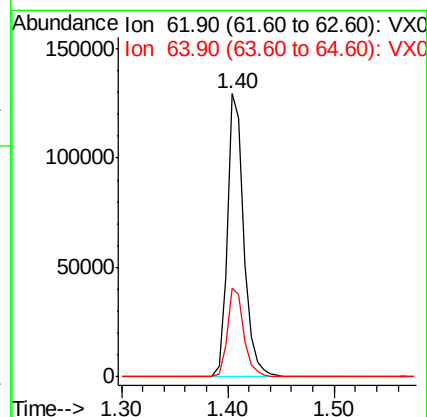
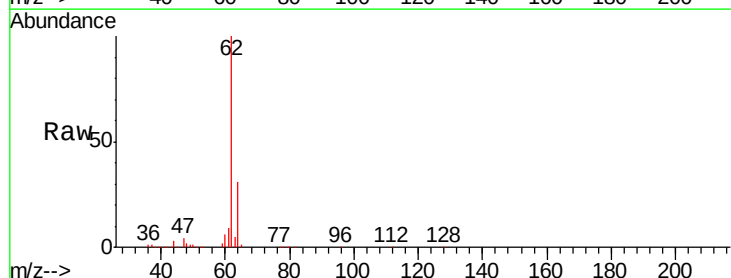
Acq: 15 Oct 2018 19:28

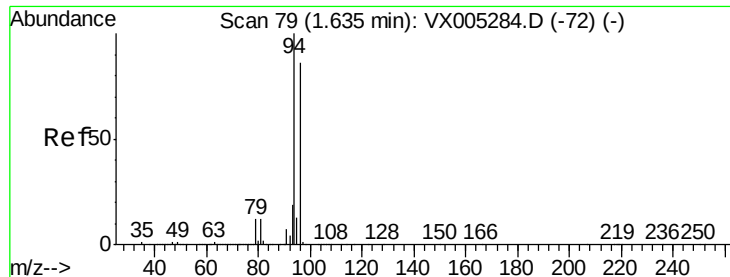
Tgt Ion: 62 Resp: 139400

Ion Ratio Lower Upper

62 100

64 31.3 25.8 38.8





#5

Bromomethane

Concen: 48.17 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 78906

Ion Ratio Lower Upper

94 100

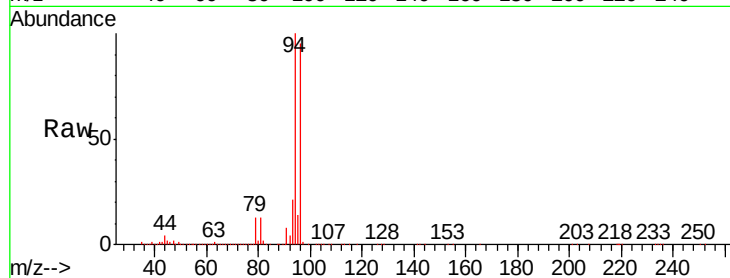
96 94.7 74.5 111.7

Manual Integrations

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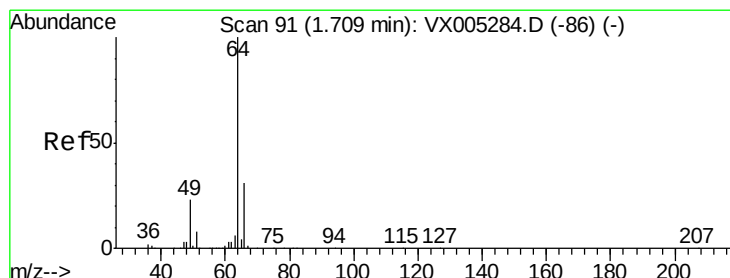
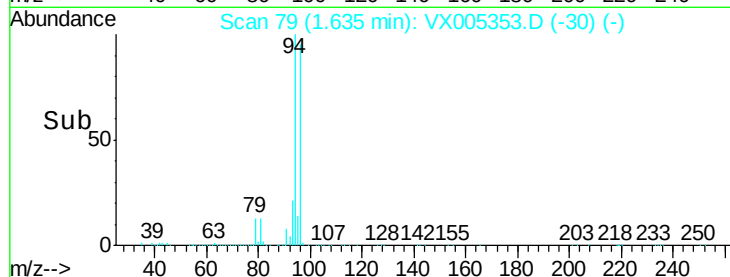
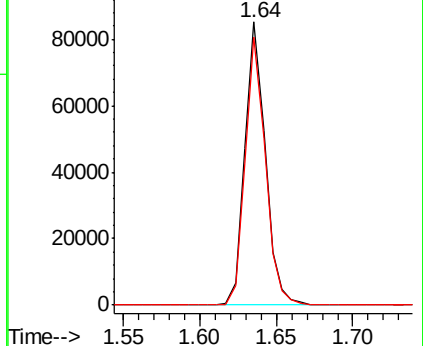
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.00 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005353.D

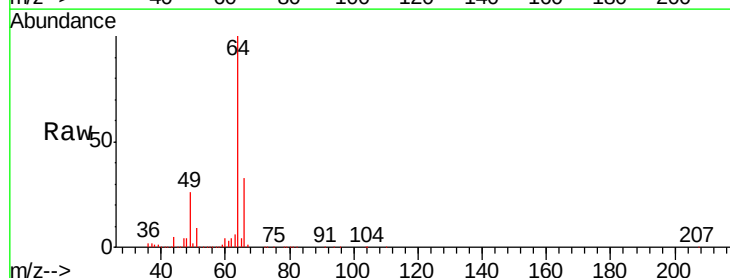
Acq: 15 Oct 2018 19:28

Tgt Ion: 64 Resp: 88778

Ion Ratio Lower Upper

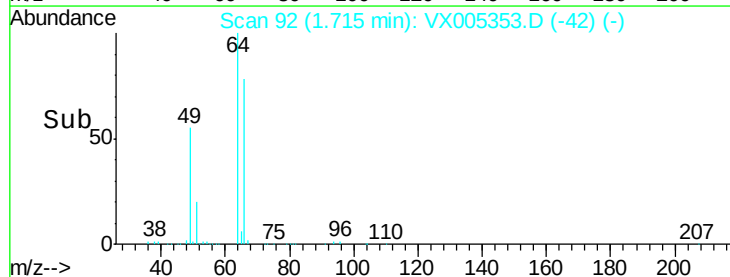
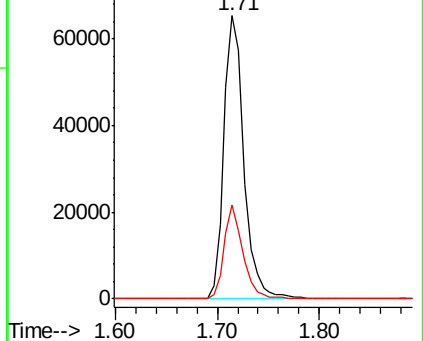
64 100

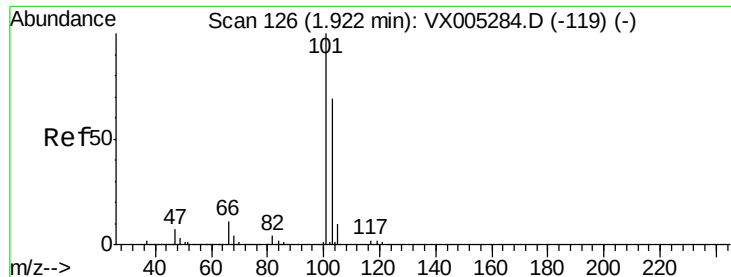
66 33.2 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

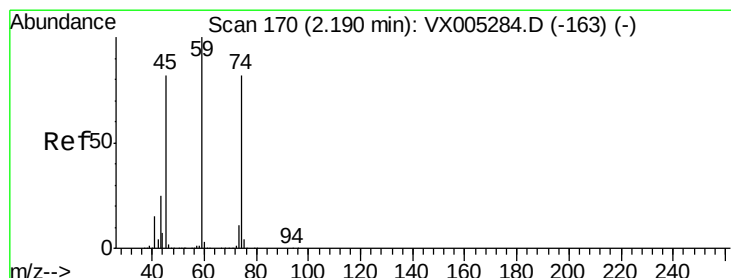
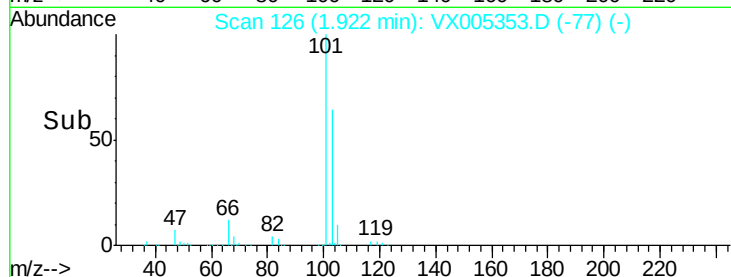
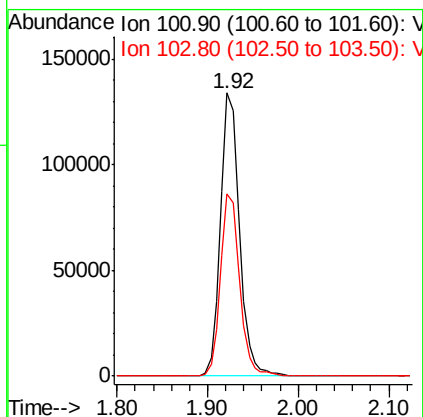
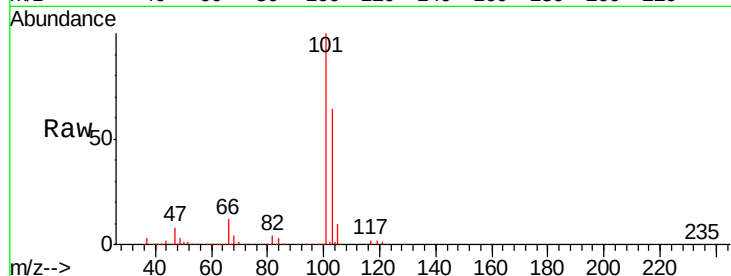
Trichlorofluoromethane
 Concen: 50.84 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

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 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	196836		
103	64.3	48.9	73.3	

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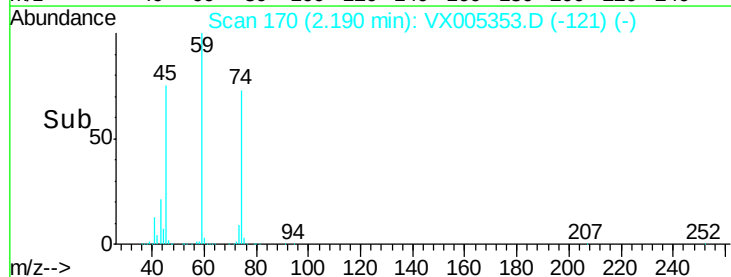
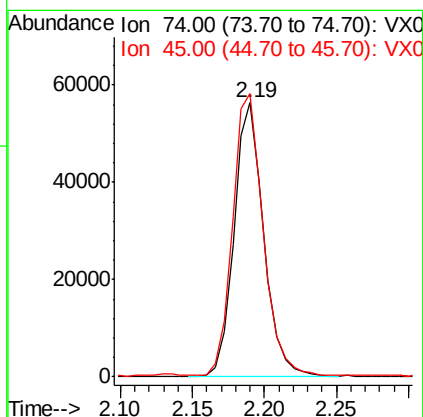
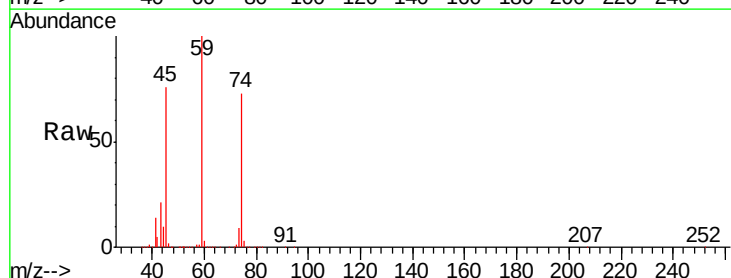
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 10/16/2018 2:23:30 PM

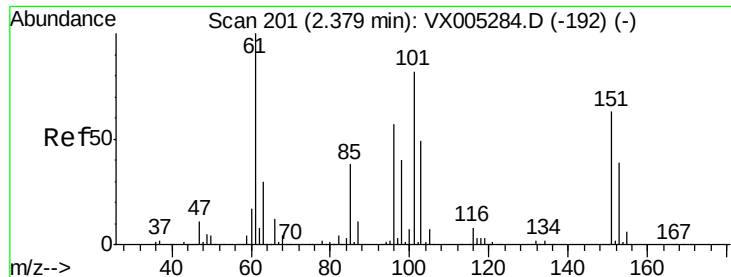


#8

Diethyl Ether
 Concen: 48.95 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	80929		
45	105.6	48.3	144.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.33 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Instrument :

MSVOA_X

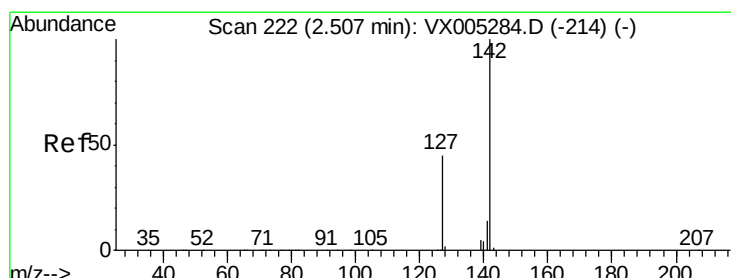
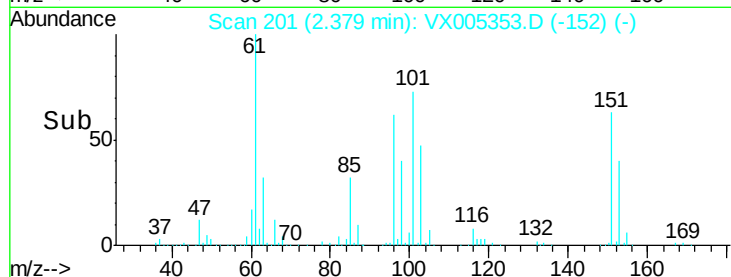
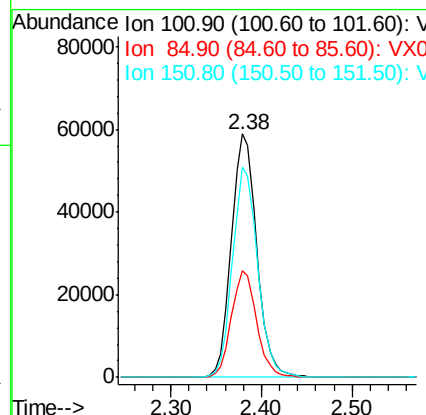
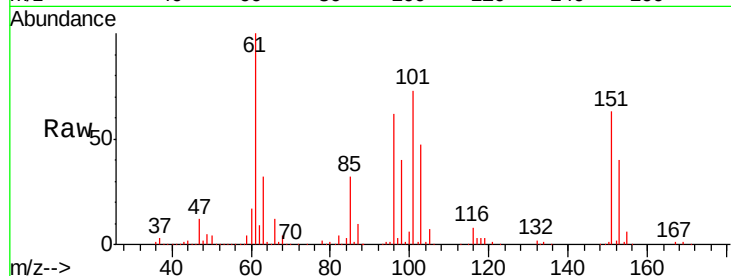
ClientSampleId :

VSTDCCC050EC

Tgt	Ion	Resp	Lower	Upper
101	100	114712		
85	43.7	34.2	51.4	
151	85.6	65.0	97.6	

Manual Integrations
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#10

Methyl Iodide

Concen: 55.50 ug/l

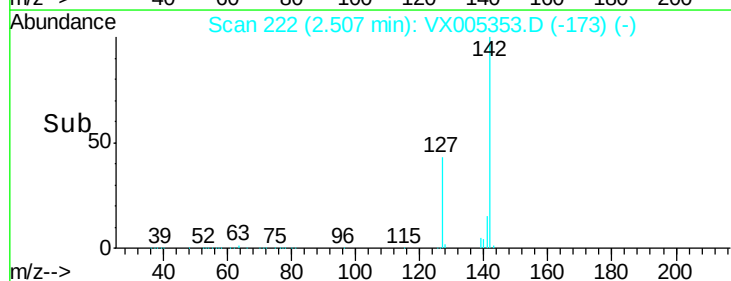
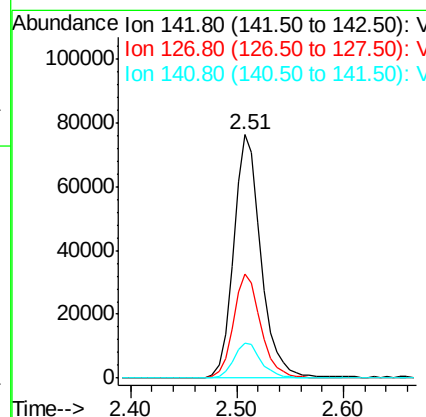
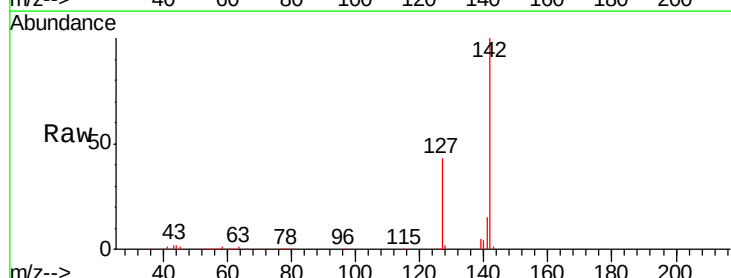
RT: 2.51 min Scan# 222

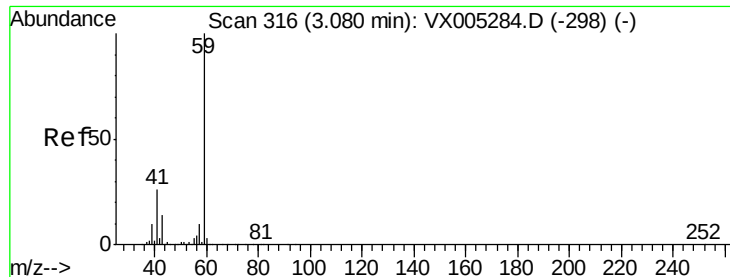
Delta R.T. 0.00 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Tgt	Ion	Resp	Lower	Upper
142	100	136703		
127	43.0	33.8	50.6	
141	14.5	11.4	17.0	





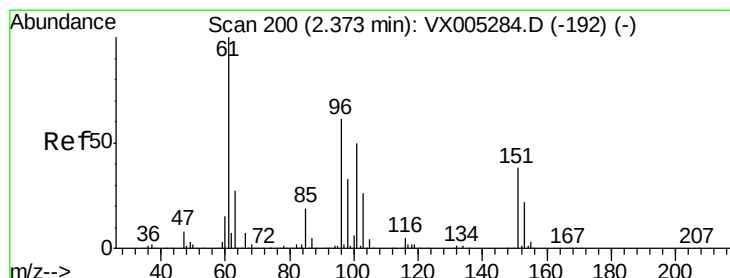
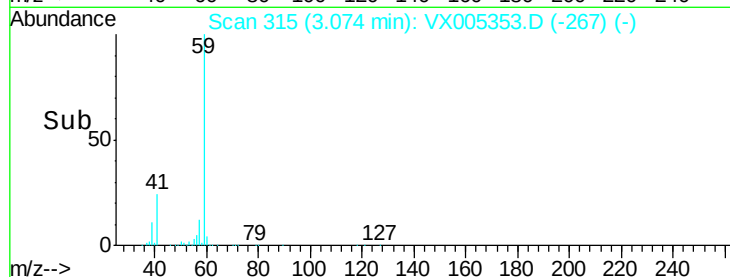
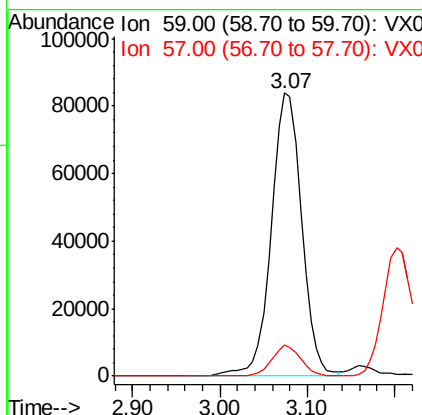
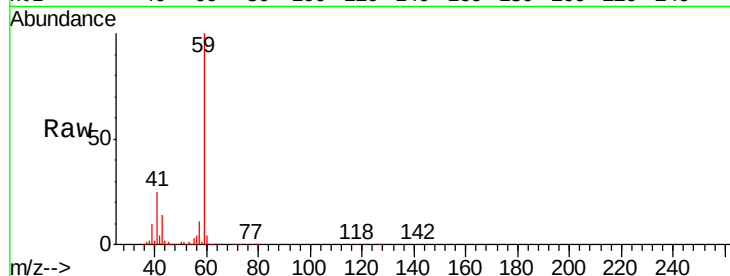
#11
Tert butyl alcohol
Concen: 255.99 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 202611
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

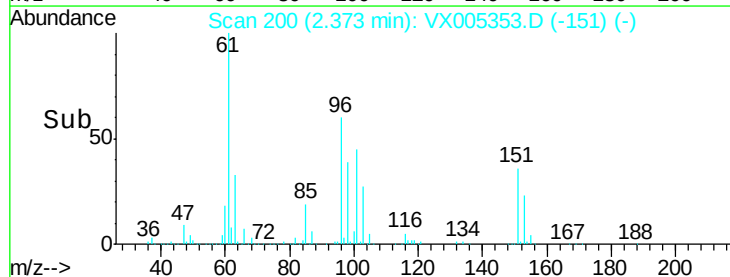
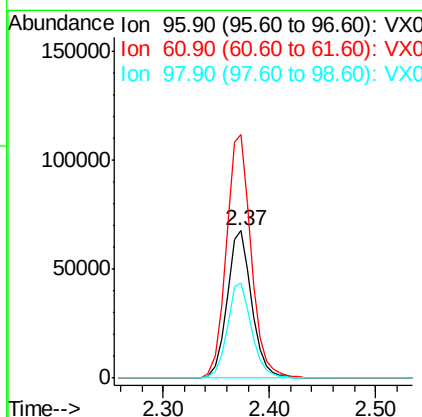
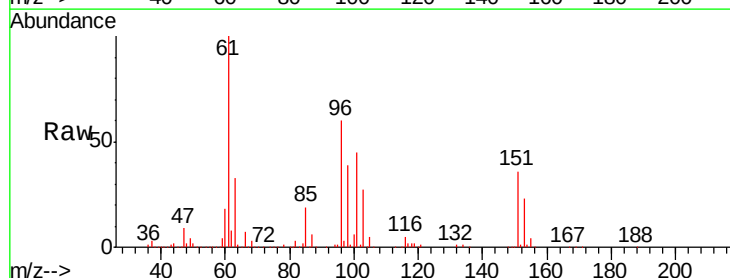
Manual Integrations
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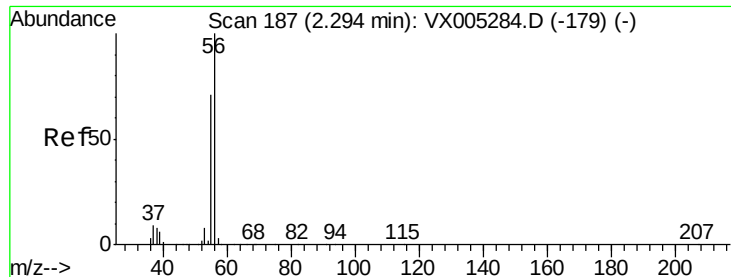
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#12
1,1-Dichloroethene
Concen: 49.47 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion: 96 Resp: 109547
Ion Ratio Lower Upper
96 100
61 165.6 128.8 193.2
98 64.8 52.2 78.2





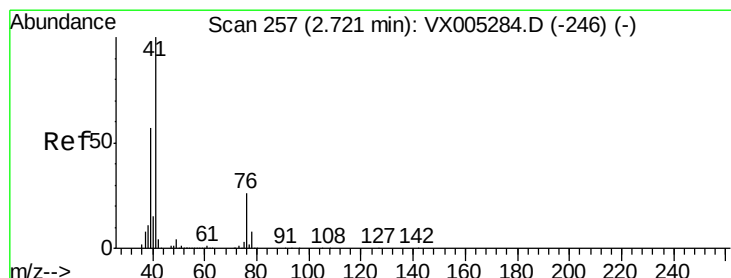
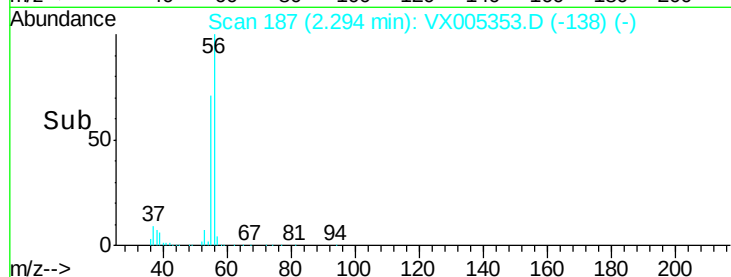
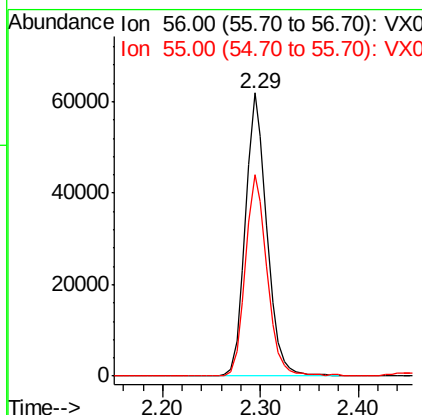
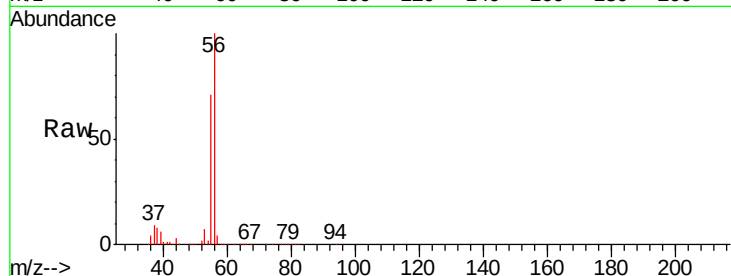
#13
Acrolein
Concen: 186.63 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
55	72.2	54.7	82.1

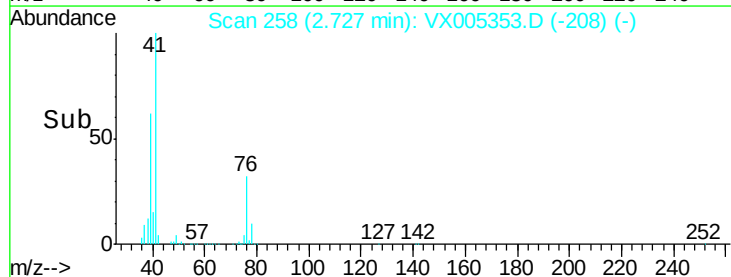
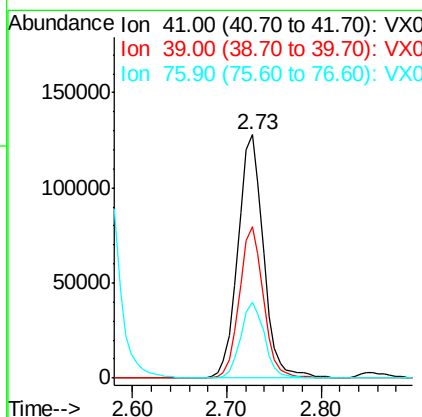
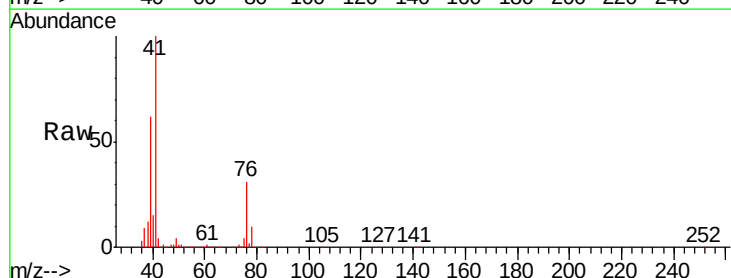
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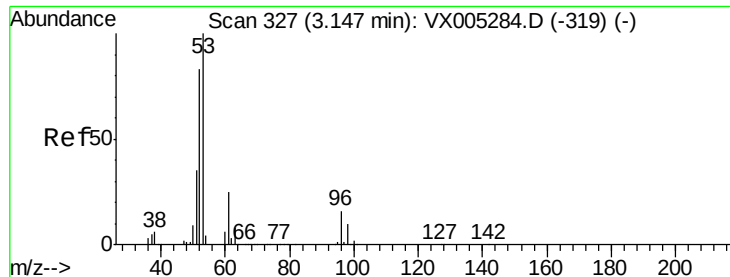
MMDadoda
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#14
Allyl chloride
Concen: 49.69 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.5	48.9	73.3
76	29.3	26.7	40.1





#15

Acrylonitrile

Concen: 244.14 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Instrument :

MSVOA_X

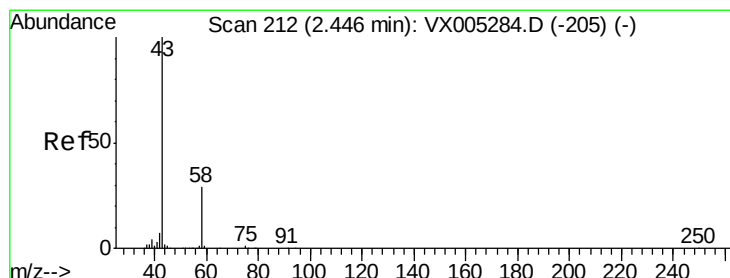
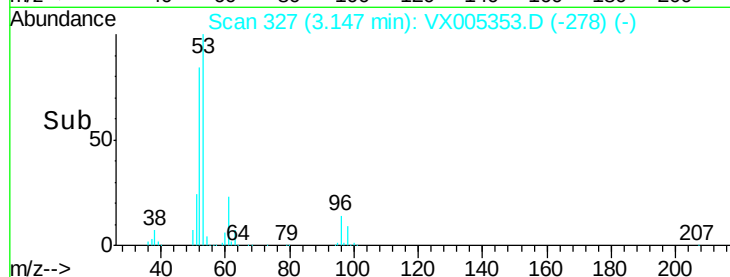
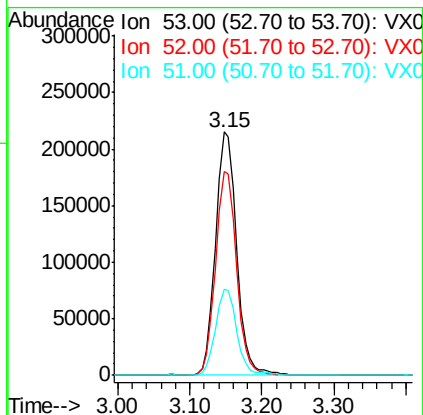
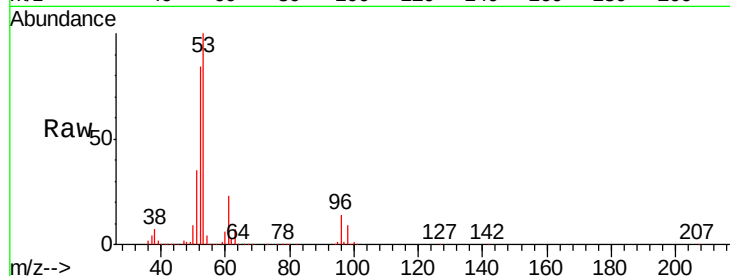
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	437885
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.2	97.8
51	35.7	28.2	42.2

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#16

Acetone

Concen: 243.00 ug/l

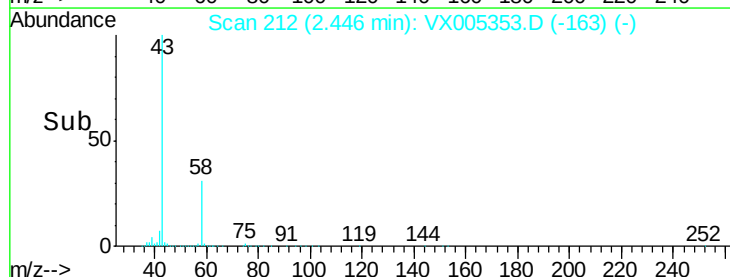
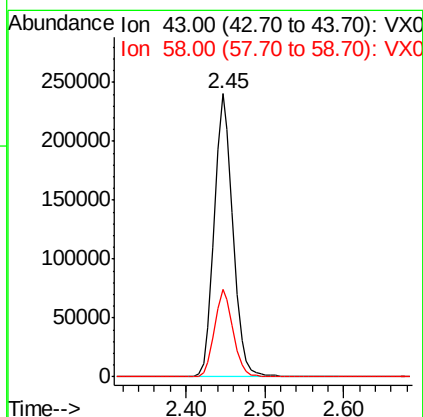
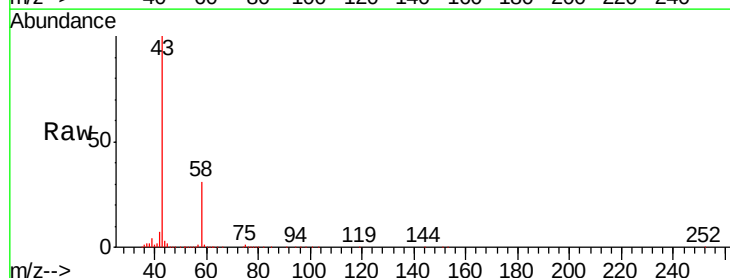
RT: 2.45 min Scan# 212

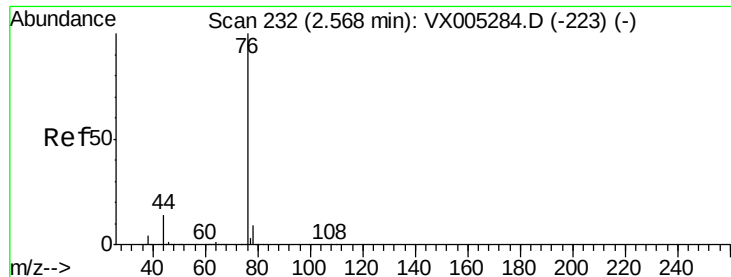
Delta R.T. -0.00 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Tgt Ion:	43	Resp:	394220
Ion	Ratio	Lower	Upper
43	100		
58	30.8	26.2	39.4





#17

Carbon Disulfide

Concen: 47.02 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 315382

Ion Ratio Lower Upper

76 100

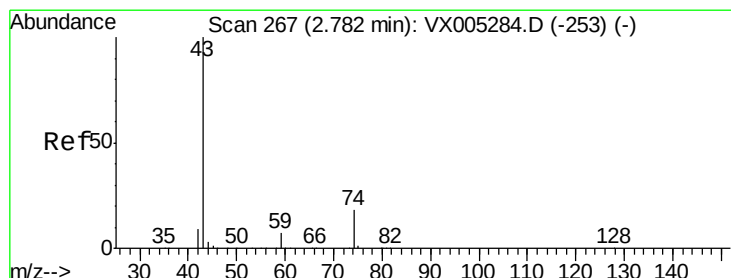
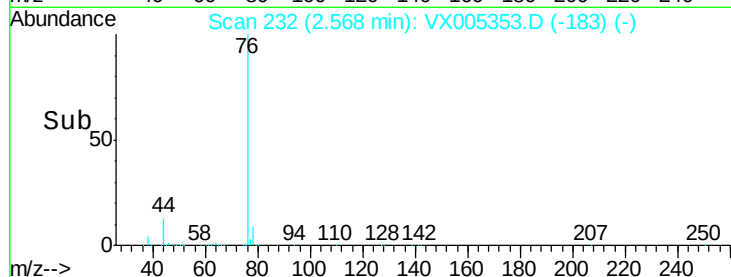
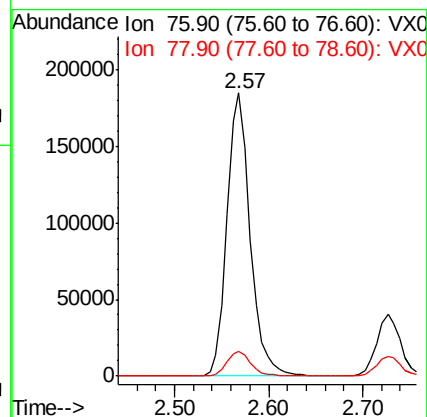
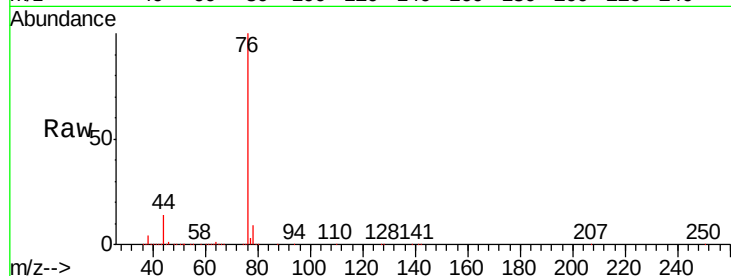
78 8.9 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 51.71 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005353.D

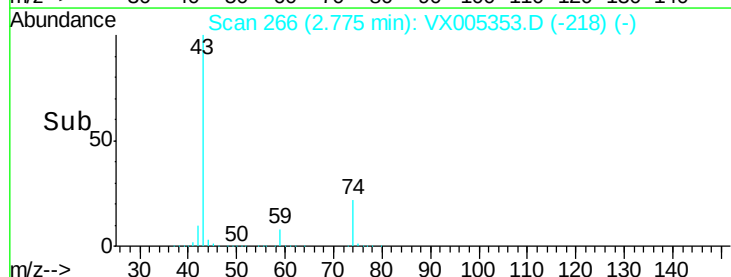
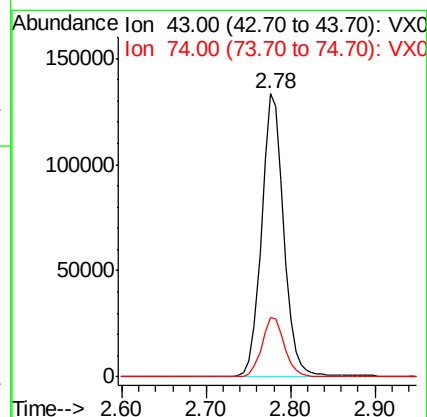
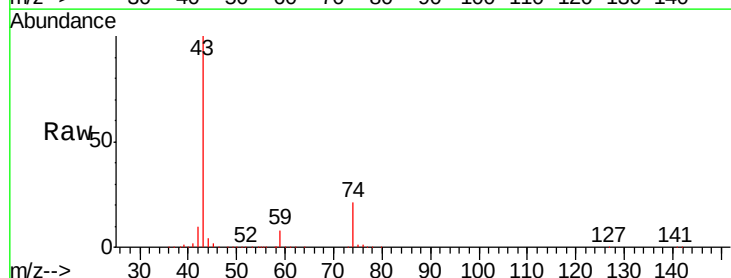
Acq: 15 Oct 2018 19:28

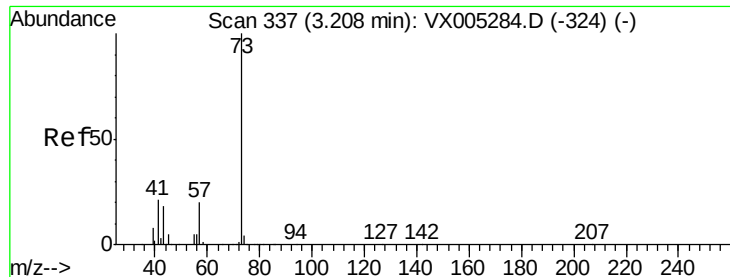
Tgt Ion: 43 Resp: 238672

Ion Ratio Lower Upper

43 100

74 21.3 19.4 29.2





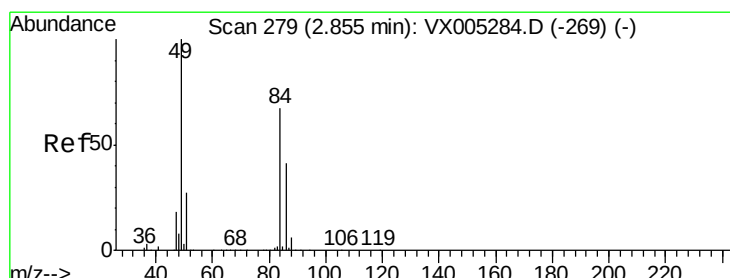
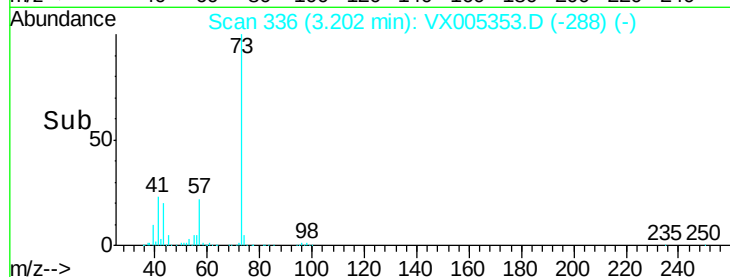
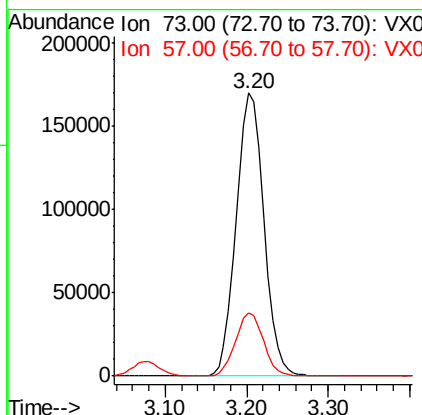
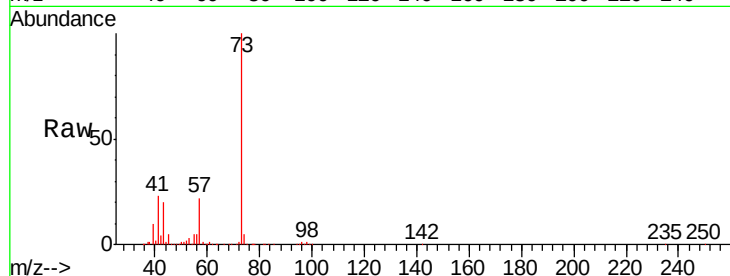
#19
Methyl tert-butyl Ether
Concen: 51.28 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 399880
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7

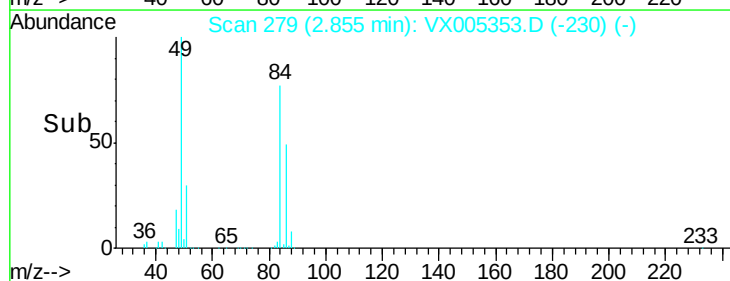
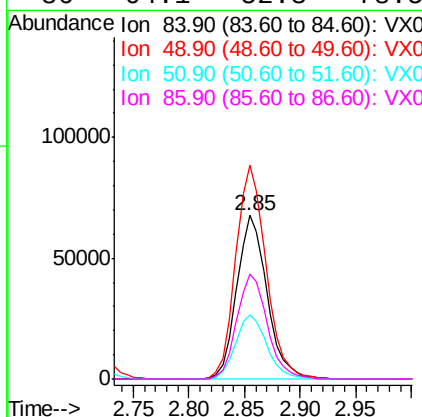
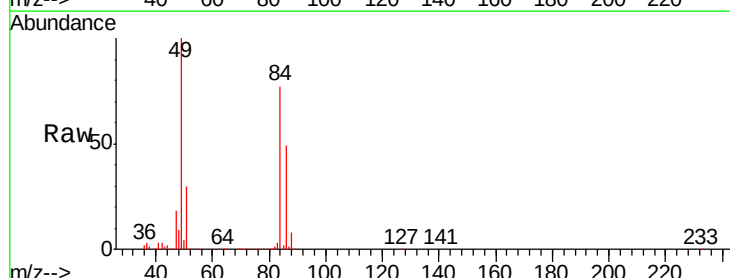
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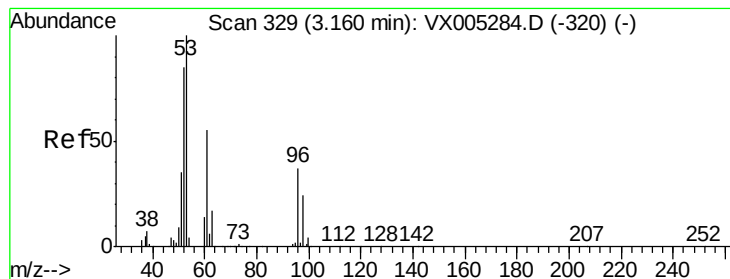
MMDadoda
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#20
Methylene Chloride
Concen: 53.94 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion: 84 Resp: 127257
Ion Ratio Lower Upper
84 100
49 130.4 101.2 151.8
51 38.9 29.5 44.3
86 64.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 48.23 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 118358

Ion Ratio Lower Upper

96 100

61 148.7 113.8 170.6

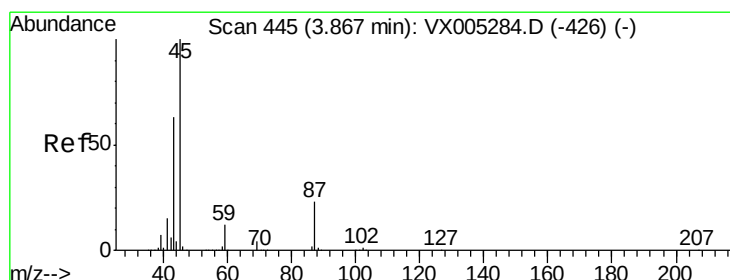
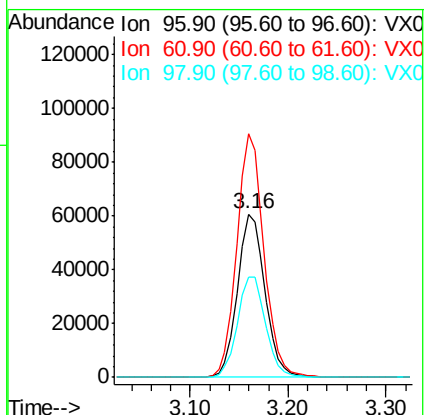
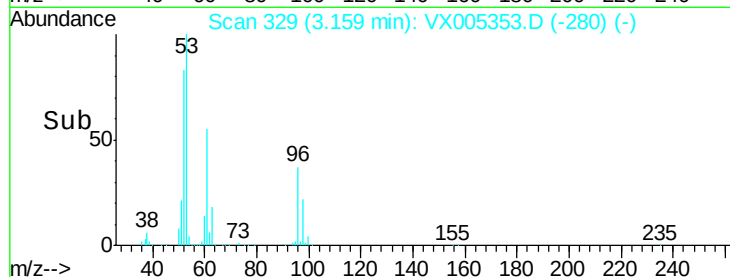
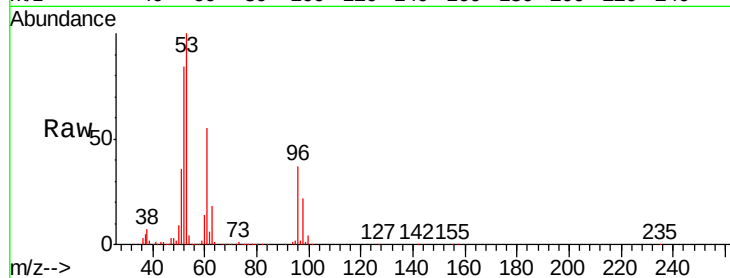
98 61.1 51.8 77.8

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#22

Diisopropyl ether

Concen: 47.32 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Tgt Ion: 45 Resp: 386358

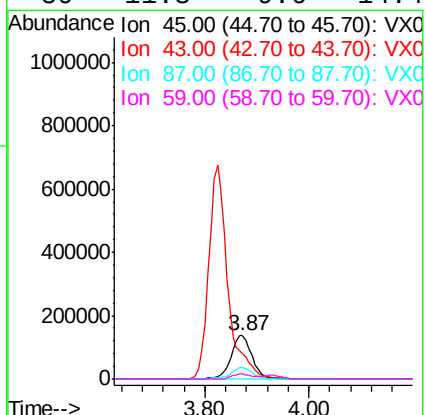
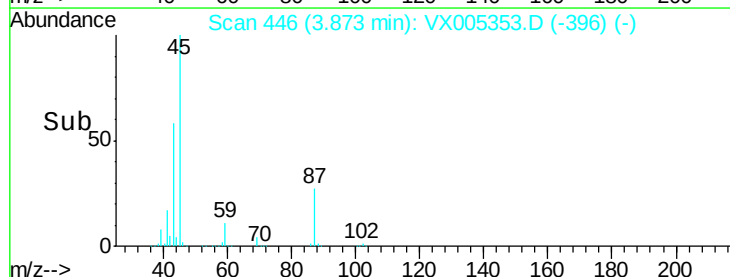
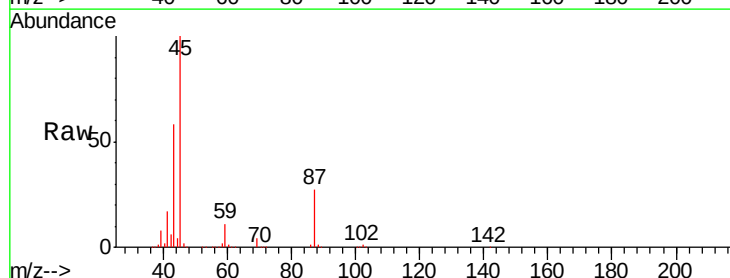
Ion Ratio Lower Upper

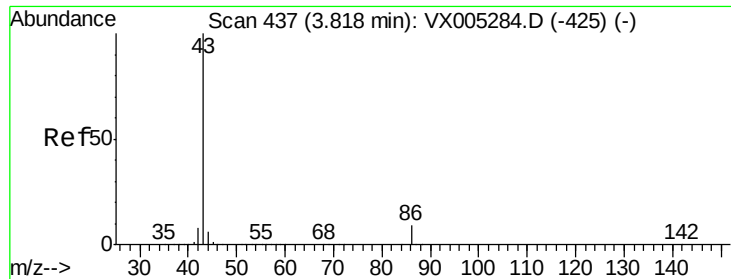
45 100

43 57.8 42.8 64.2

87 26.5 22.6 34.0

59 11.3 9.6 14.4





#23

Vinyl Acetate

Concen: 239.96 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1712509

Ion Ratio Lower Upper

43 100

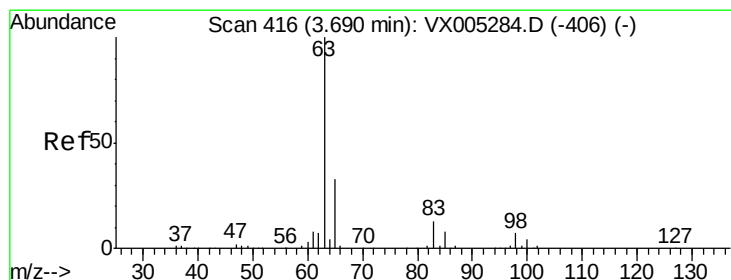
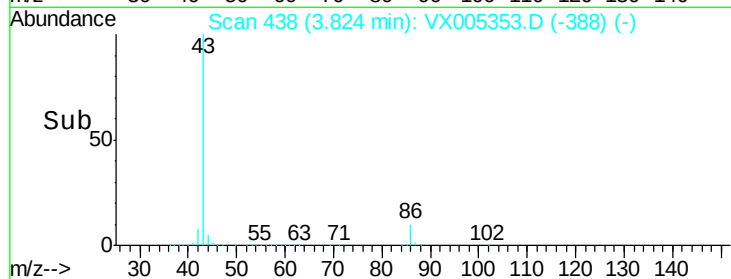
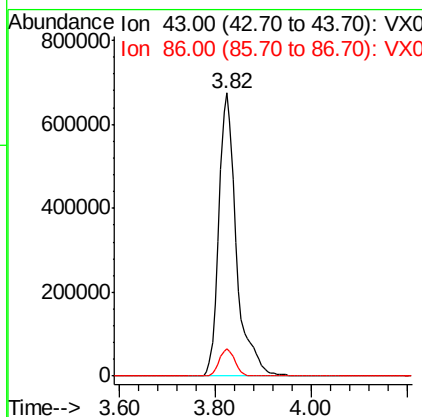
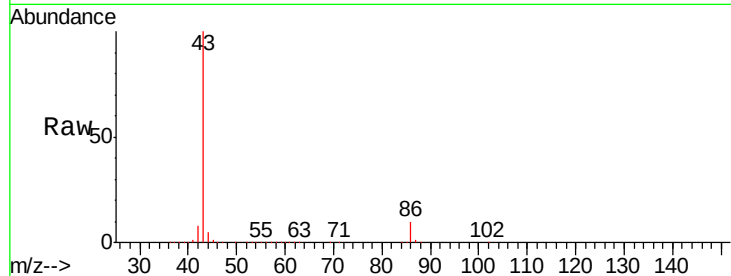
86 9.8 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 47.39 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

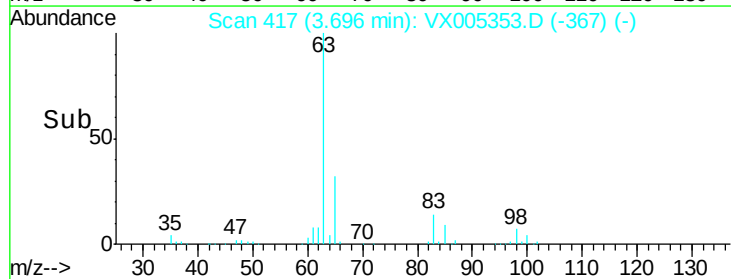
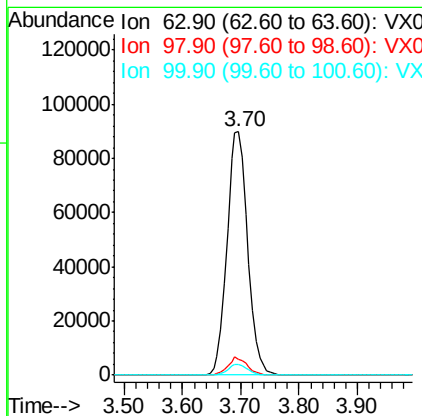
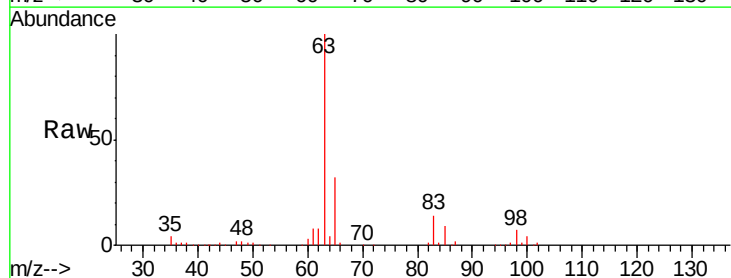
Tgt Ion: 63 Resp: 221763

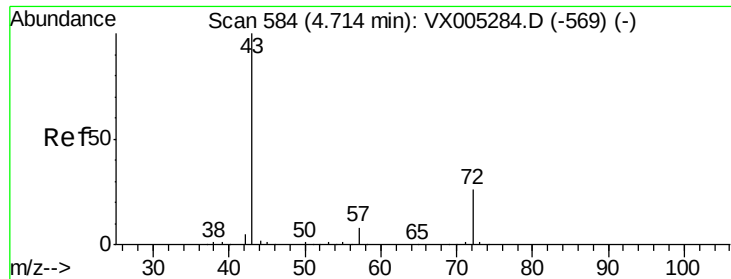
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 240.19 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 570114

Ion Ratio Lower Upper

43 100

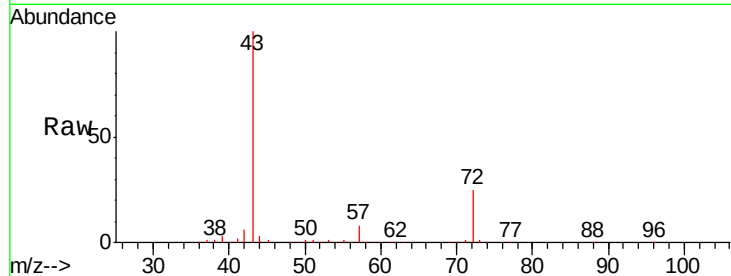
72 24.7 22.0 33.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

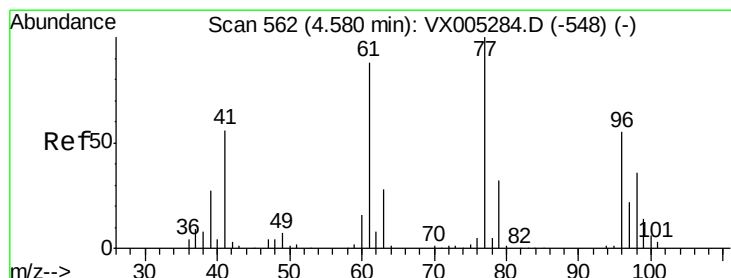
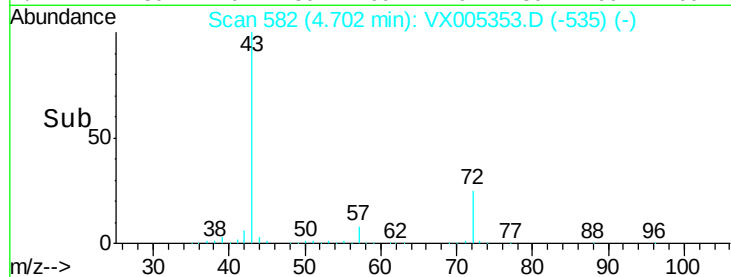
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.35 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005353.D

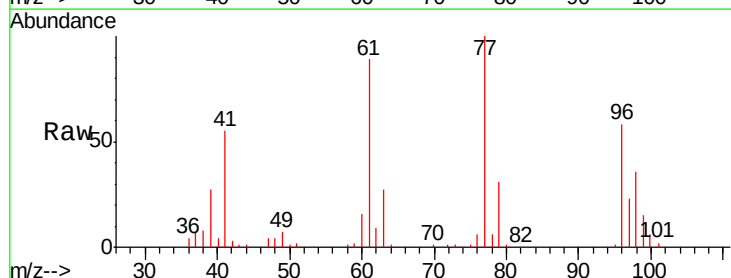
Acq: 15 Oct 2018 19:28

Tgt Ion: 77 Resp: 162226

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

60000

50000

40000

30000

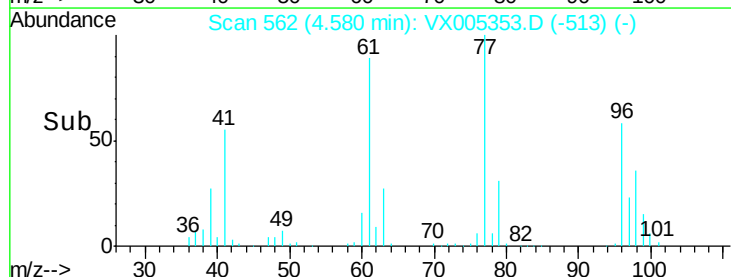
20000

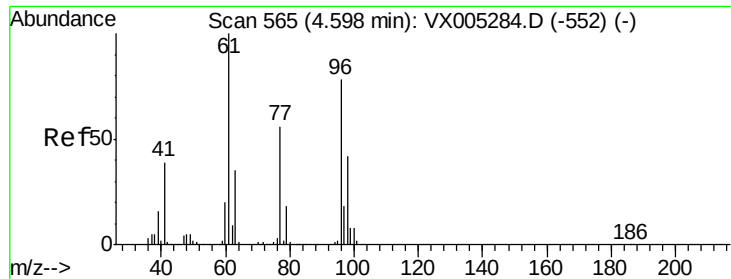
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

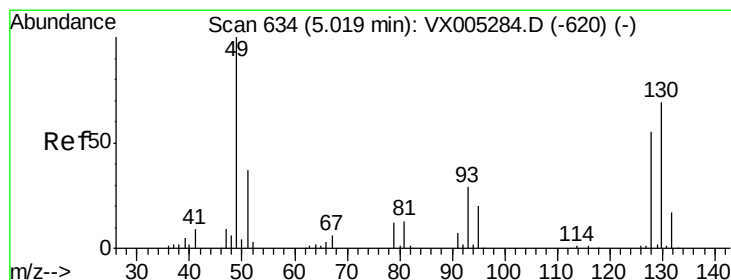
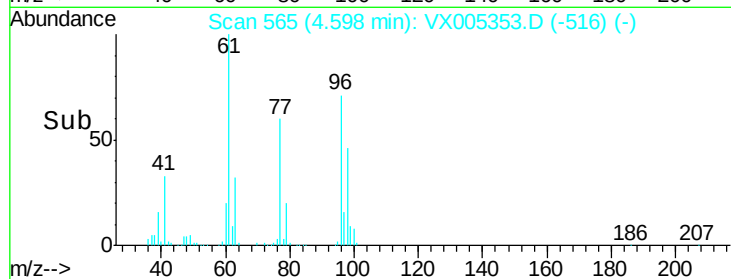
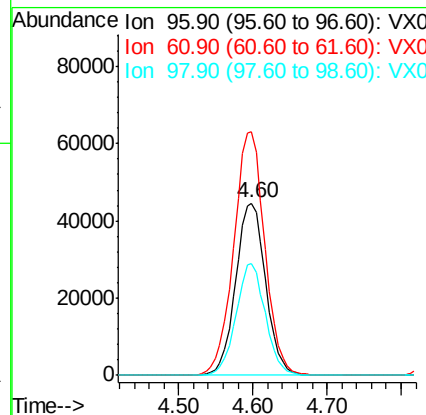
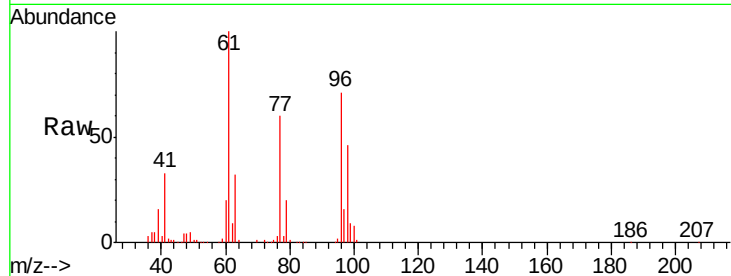
cis-1,2-Dichloroethene
Concen: 47.06 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	282.6
98	63.7	0.0	130.2

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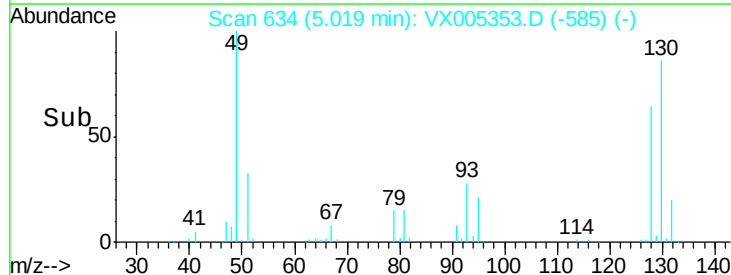
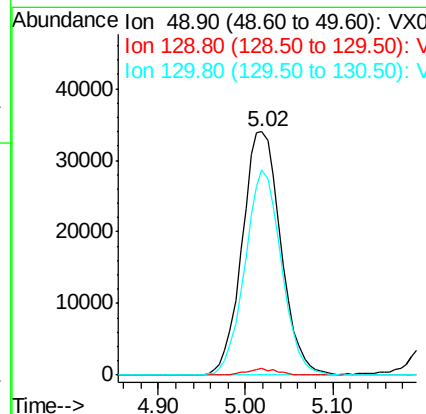
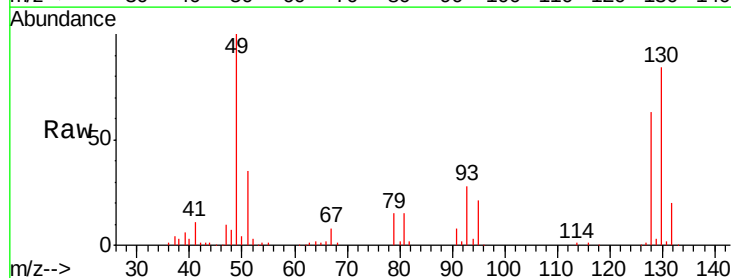
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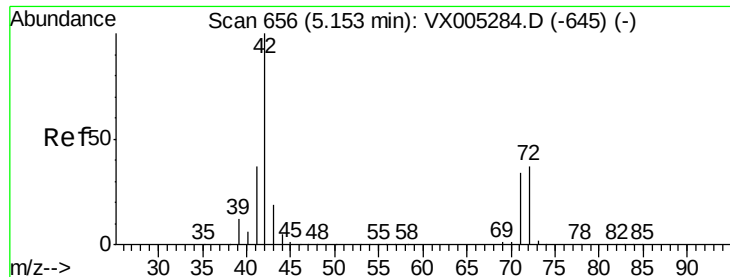


#28

Bromochloromethane
Concen: 49.03 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	79.6	67.5	101.3





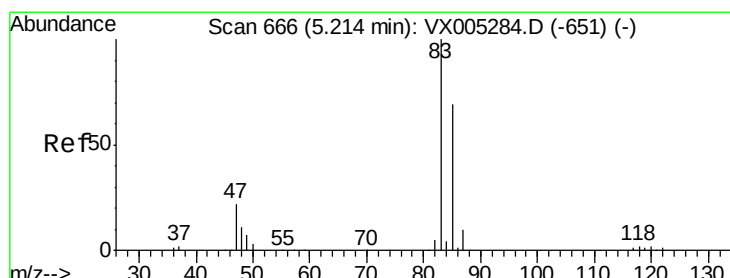
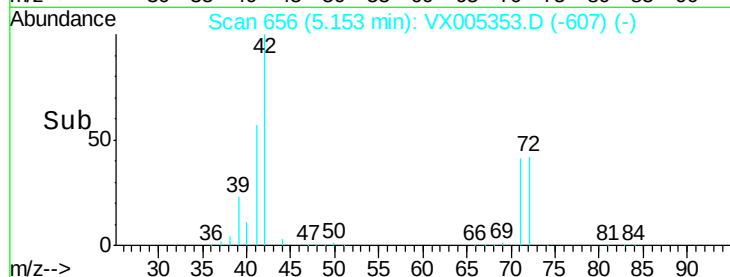
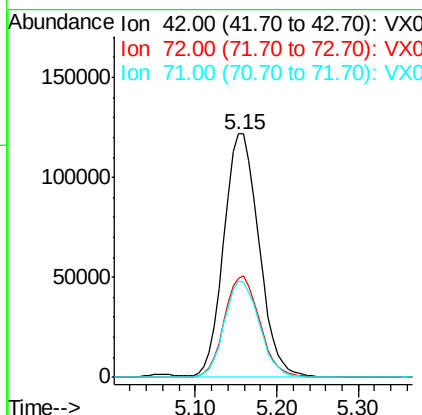
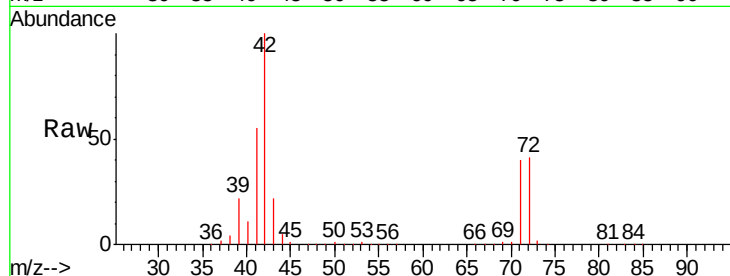
#29
Tetrahydrofuran
Concen: 239.25 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.1	37.4	56.0
71	39.6	34.5	51.7

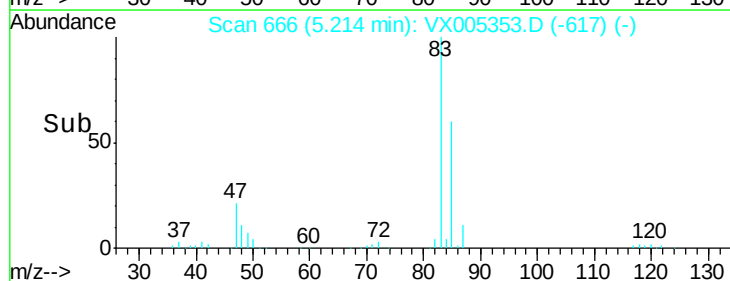
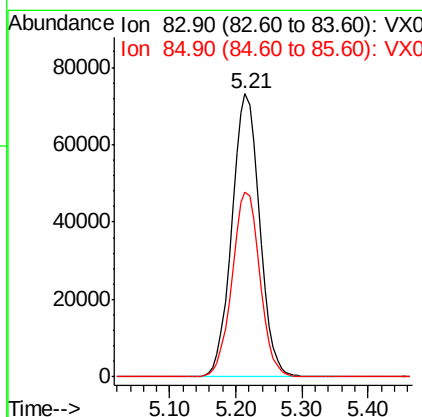
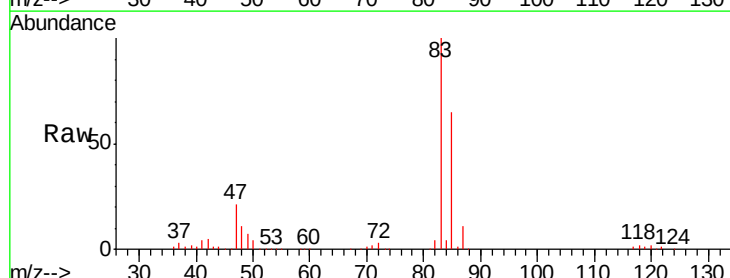
Manual Integrations
APPROVED

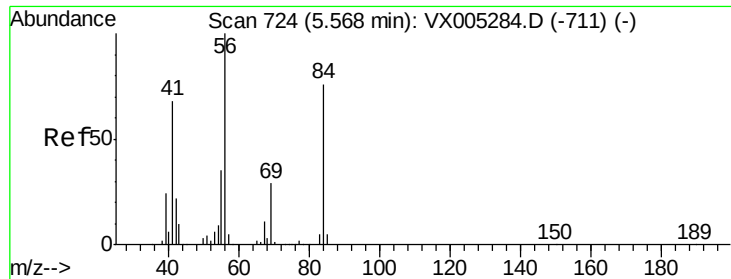
MMDadoda
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#30
Chloroform
Concen: 48.97 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.6	79.0





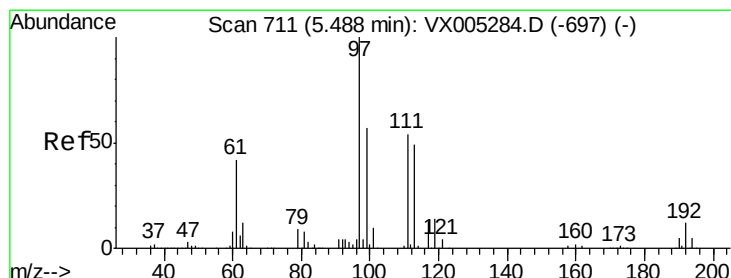
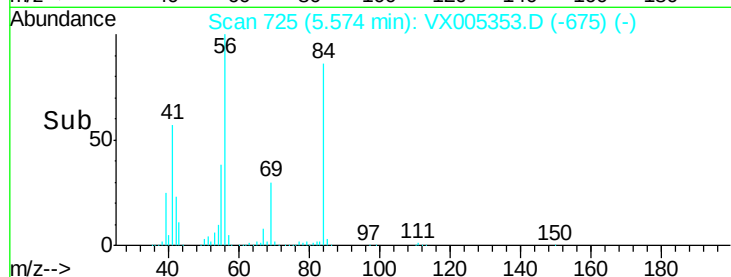
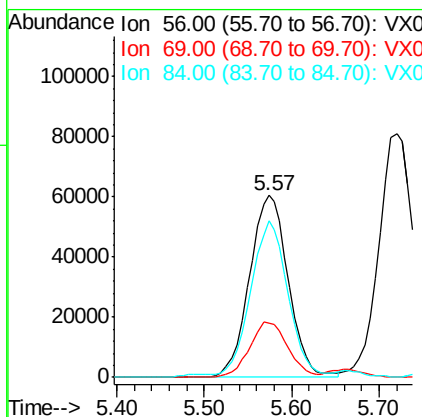
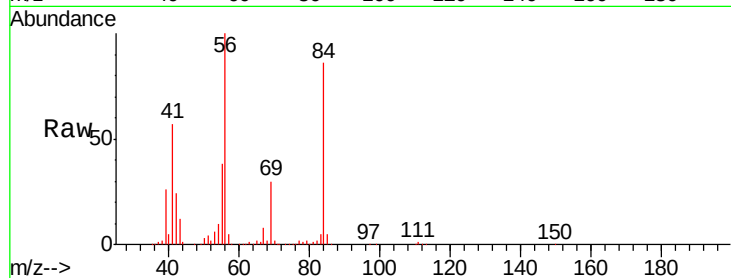
#31
Cyclohexane
Concen: 48.26 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.01 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.4	38.2
84	84.4	71.4	107.2

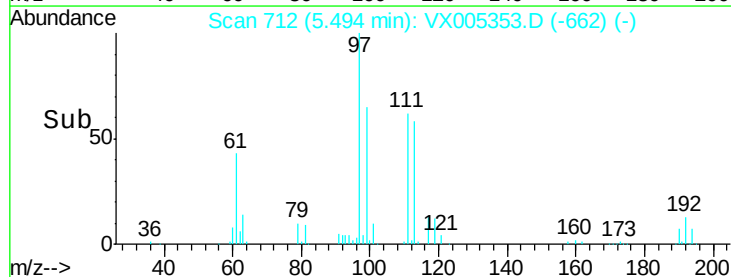
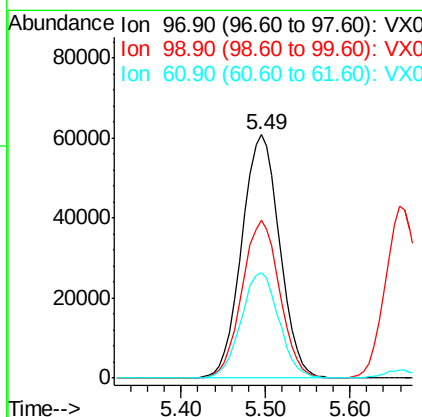
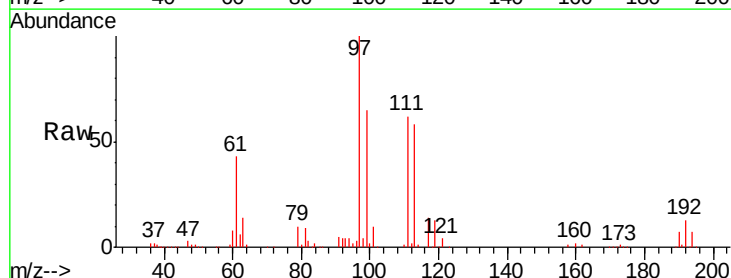
Manual Integrations
APPROVED

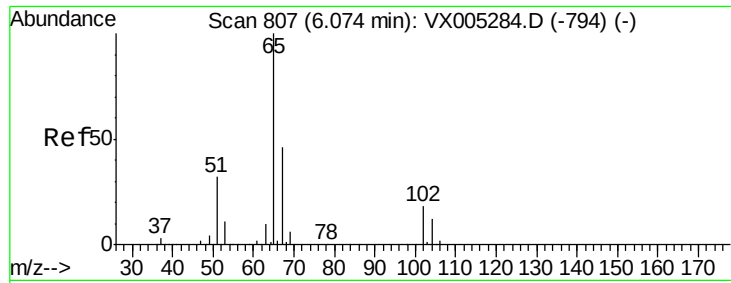
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 49.11 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.0	78.0
61	43.3	34.9	52.3





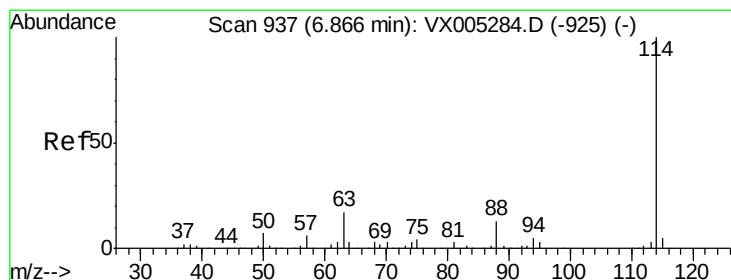
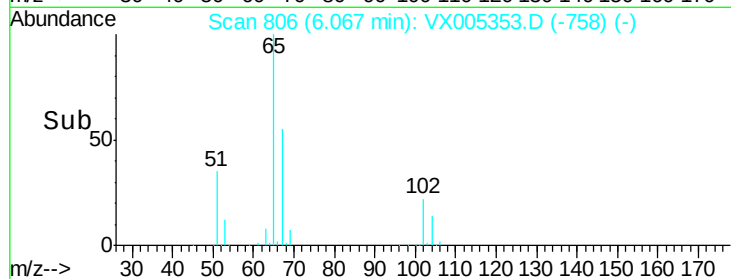
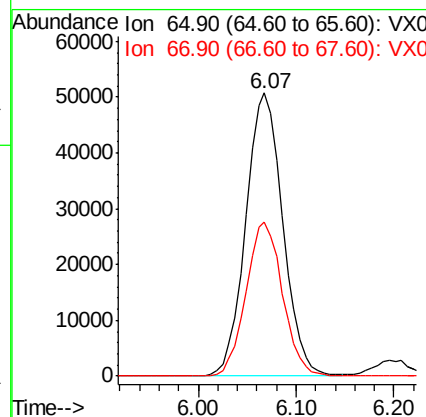
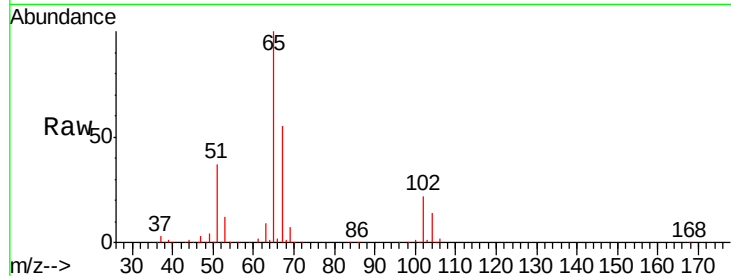
#33
 1,2-Dichloroethane-d4
 Concen: 47.62 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 133618
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.8

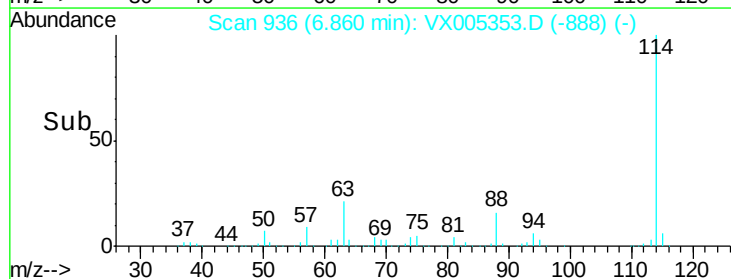
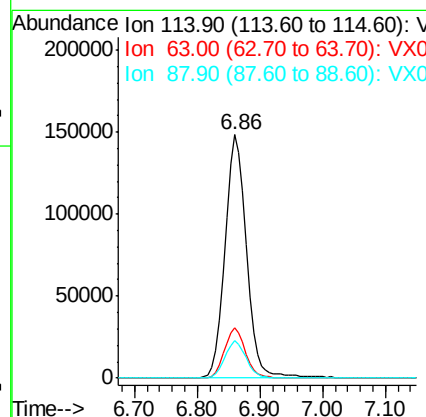
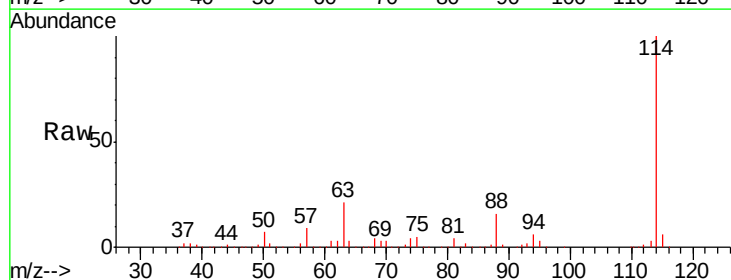
Manual Integrations
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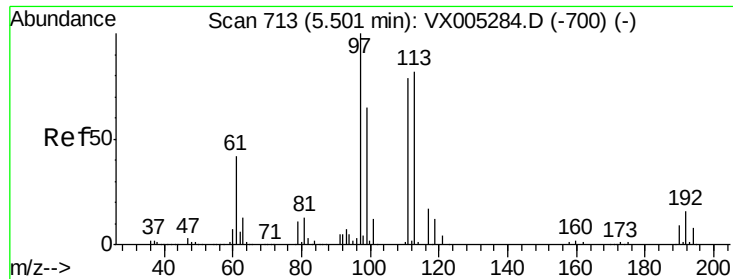
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Tgt Ion: 114 Resp: 353957
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.0
 88 15.6 0.0 30.4





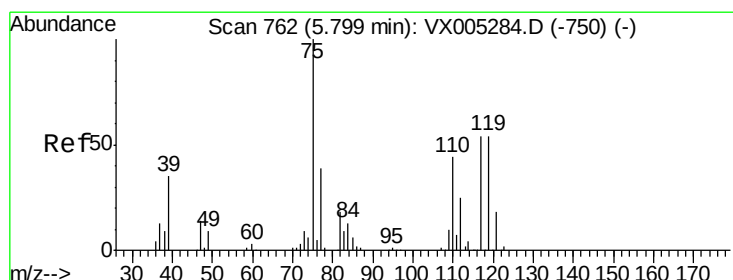
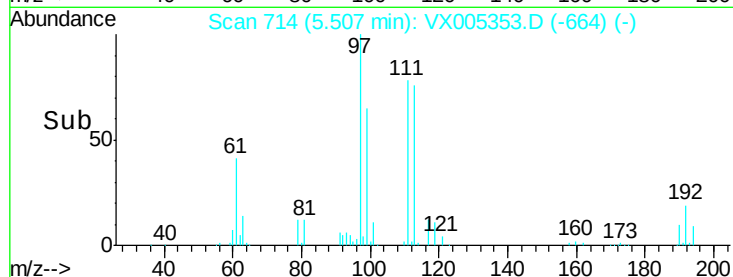
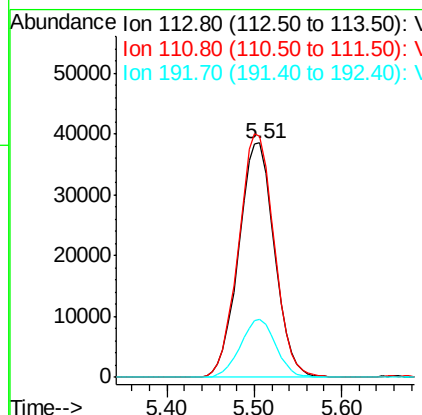
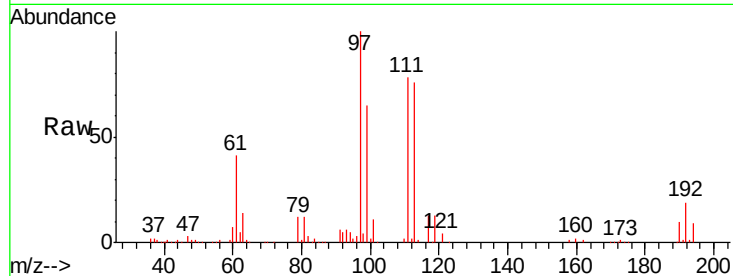
#35
 Dibromofluoromethane
 Concen: 46.83 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	109796		
111	103.5	82.4	123.6	
192	24.5	19.4	29.2	

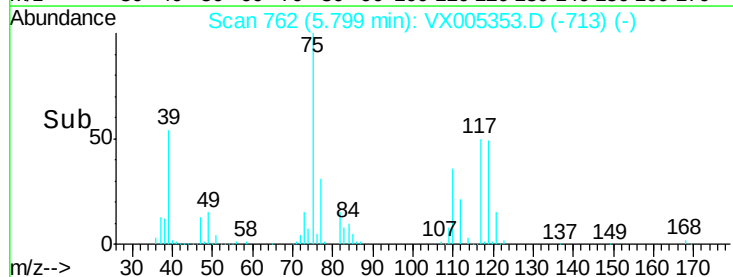
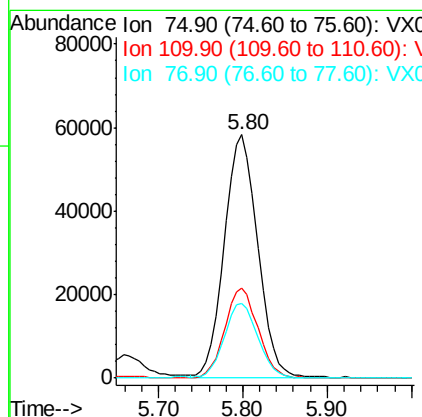
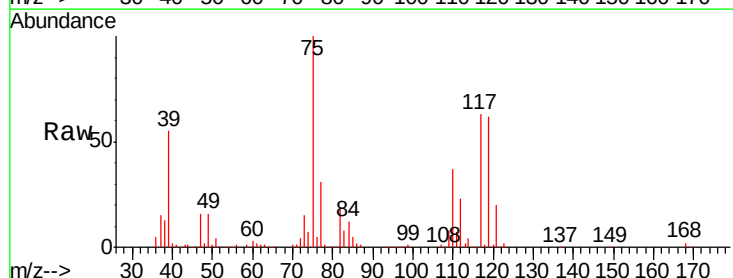
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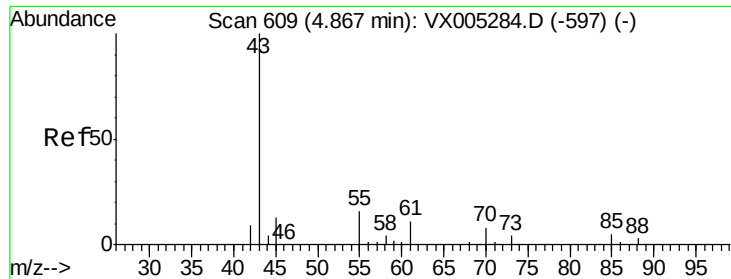
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#36
 1,1-Dichloropropene
 Concen: 45.79 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	156965		
110	37.0	18.0	54.0	
77	30.6	24.6	36.8	





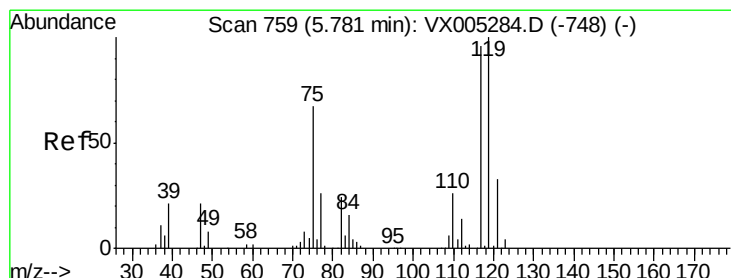
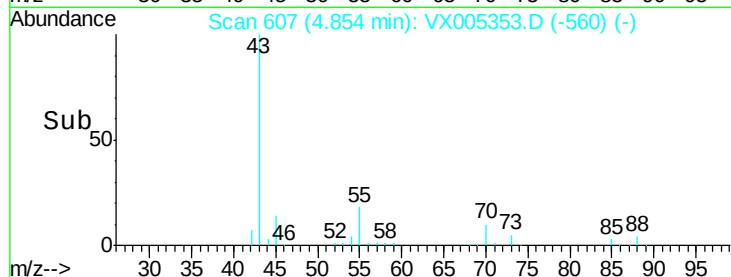
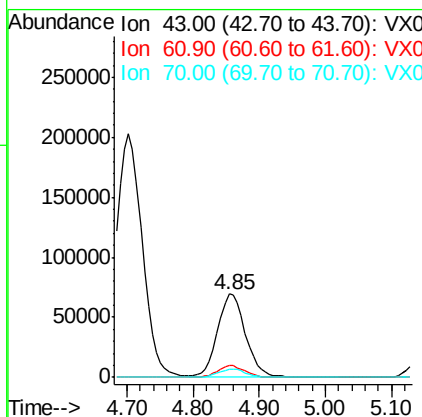
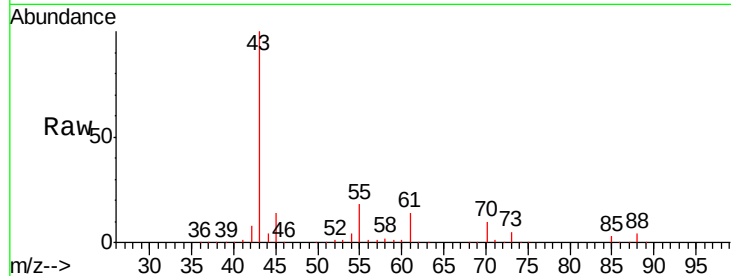
#37
Ethyl Acetate
Concen: 46.11 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.5	17.3
70	10.2	9.0	13.6

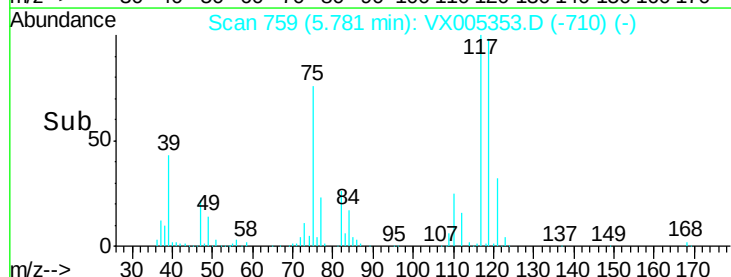
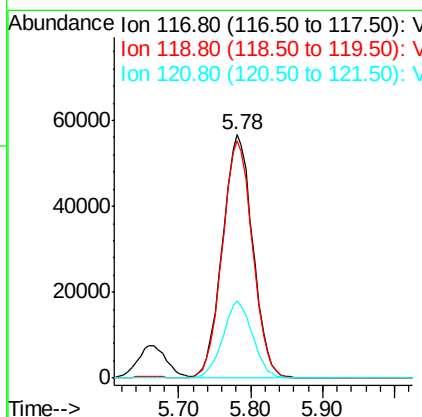
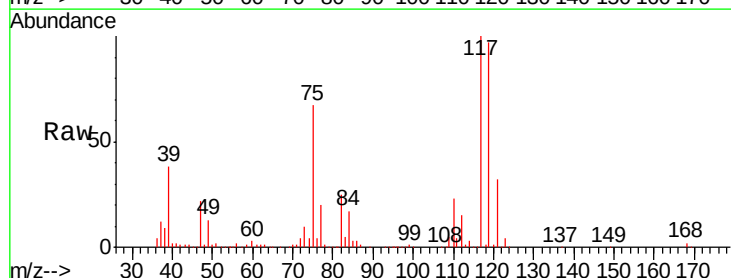
Manual Integrations
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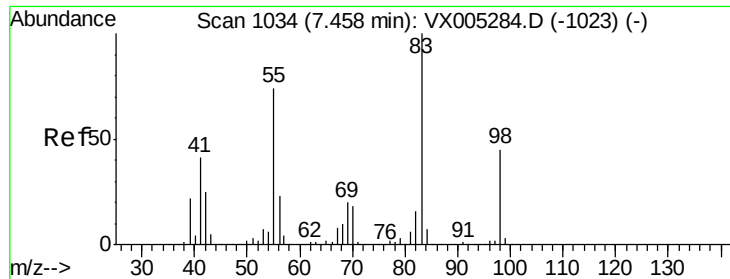
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#38
Carbon Tetrachloride
Concen: 48.23 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.8	118.2
121	31.8	24.9	37.3





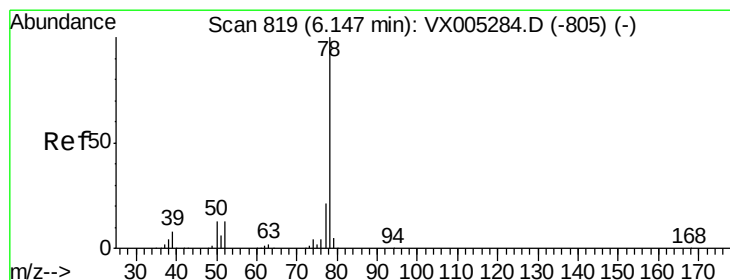
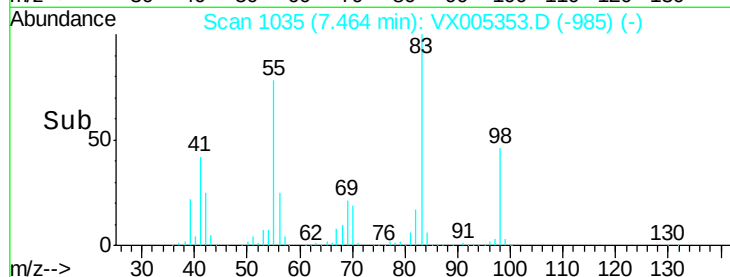
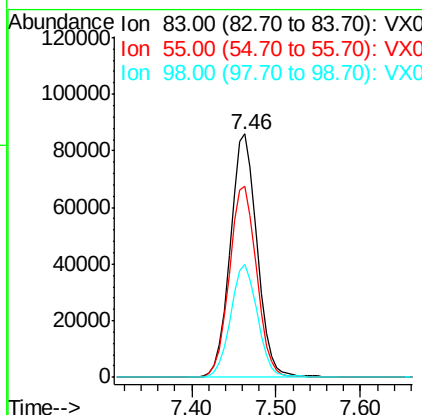
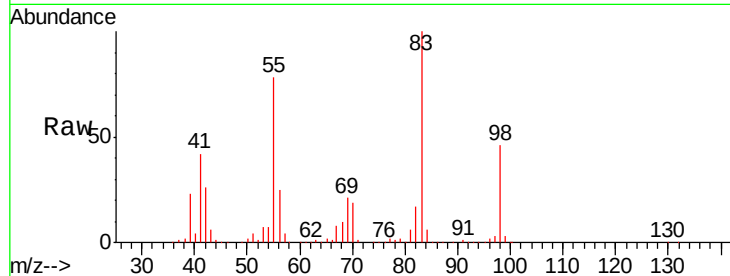
#39
Methylcyclohexane
Concen: 49.98 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
55	78.3	61.0	91.4
98	46.3	39.6	59.4

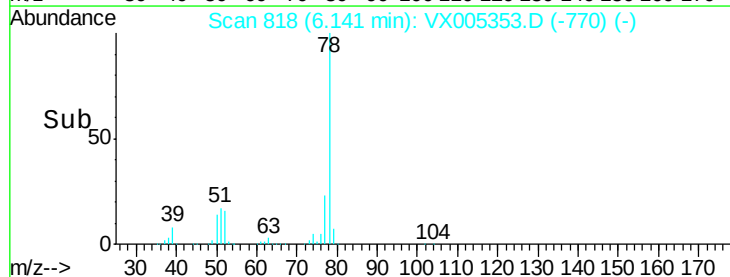
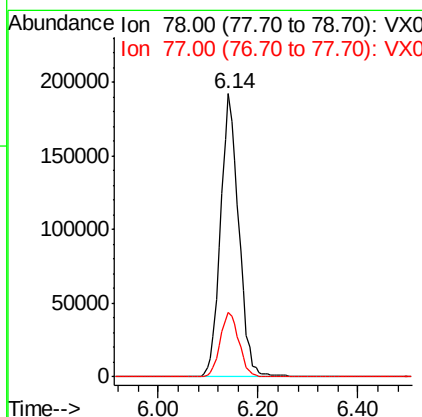
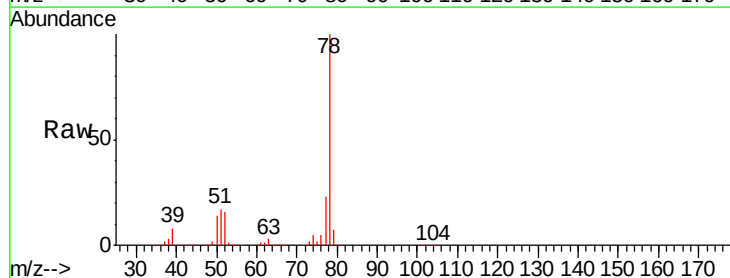
Manual Integrations
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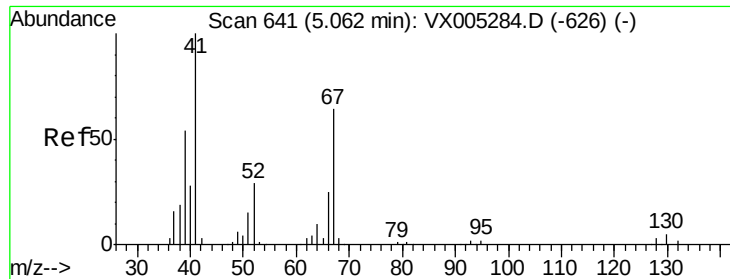
MMDadoda
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#40
Benzene
Concen: 47.41 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
78	100		
77	23.0	19.0	28.4





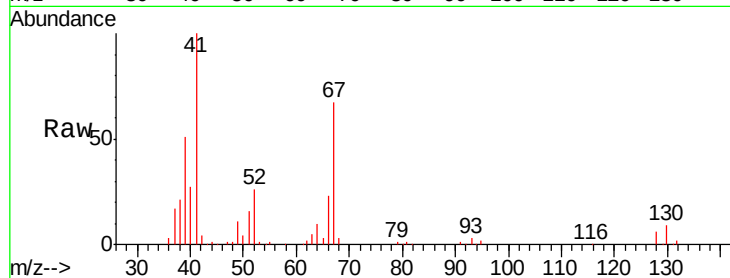
#41
Methacrylonitrile
Concen: 47.22 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

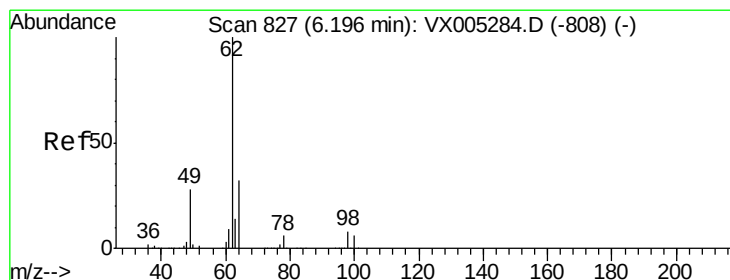
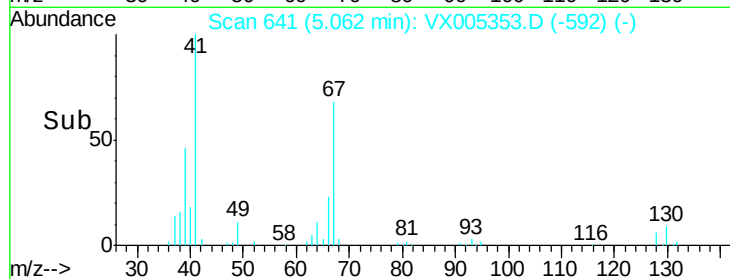
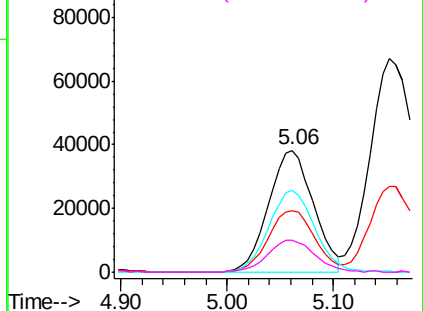
Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.3	42.4	63.6
67	69.3	59.2	88.8
52	27.7	23.0	34.4

Manual Integrations
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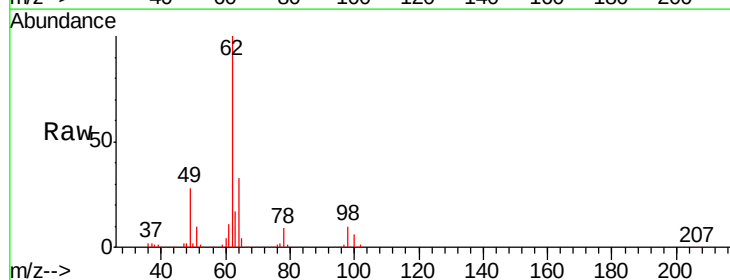


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

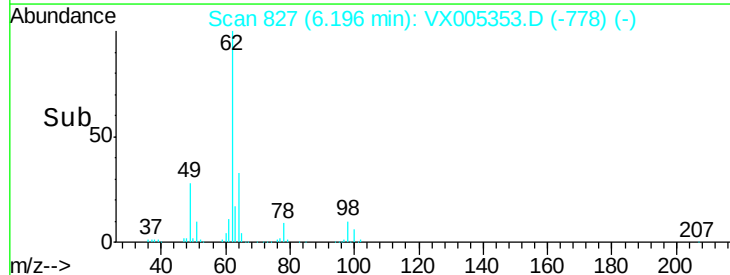
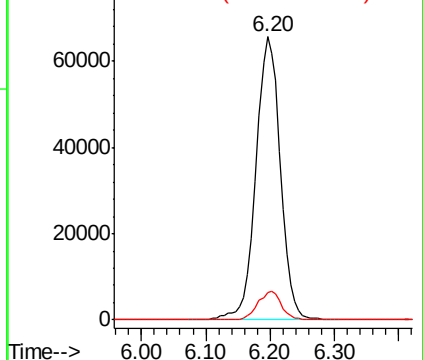


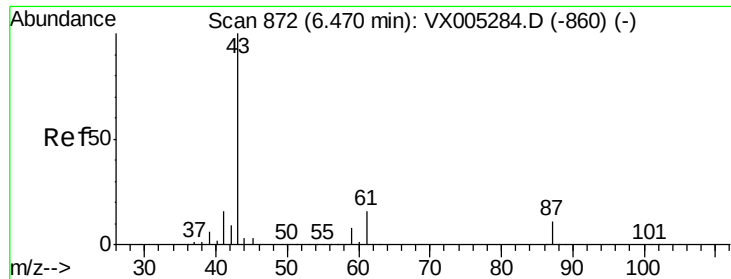
#42
1,2-Dichloroethane
Concen: 47.06 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 51.25 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Instrument :

MSVOA_X

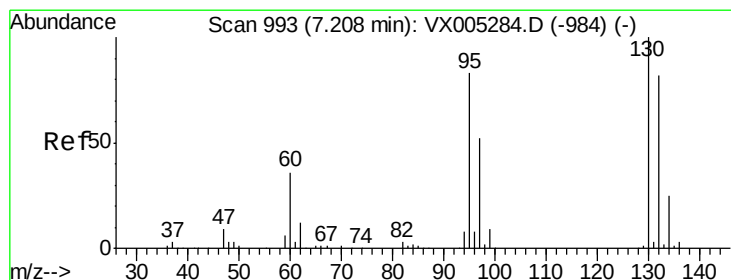
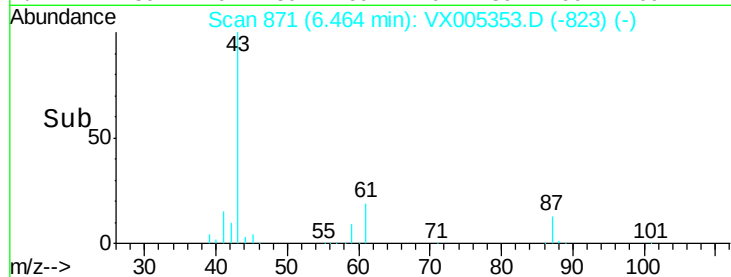
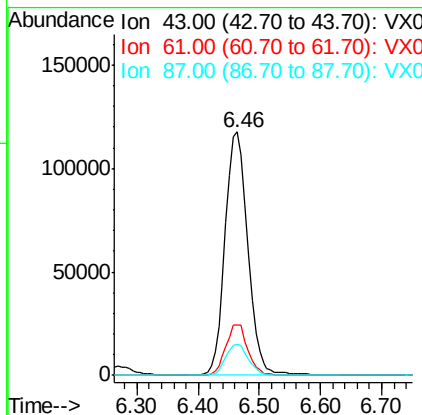
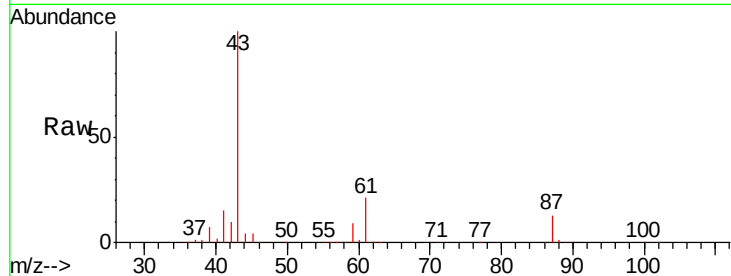
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	300952
Ion	Ratio	Lower	Upper
43	100		
61	20.2	17.0	25.4
87	12.8	11.4	17.2

Manual Integrations
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#44

Trichloroethene

Concen: 50.70 ug/l

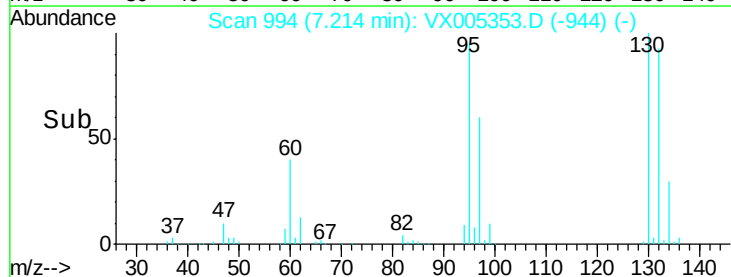
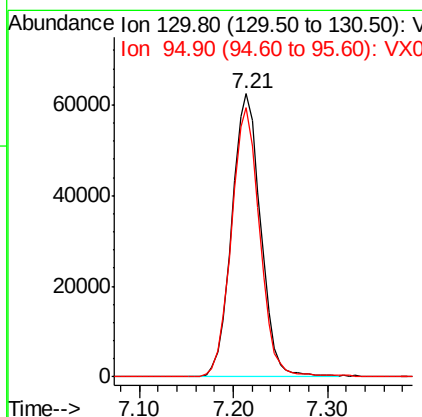
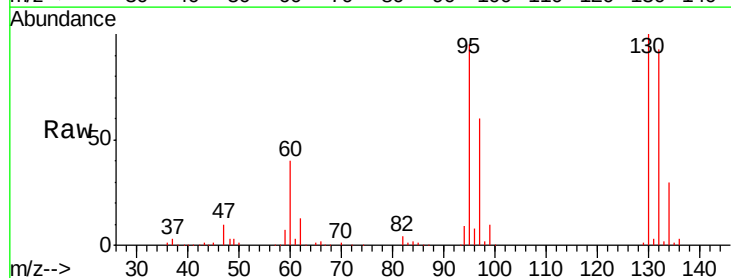
RT: 7.21 min Scan# 994

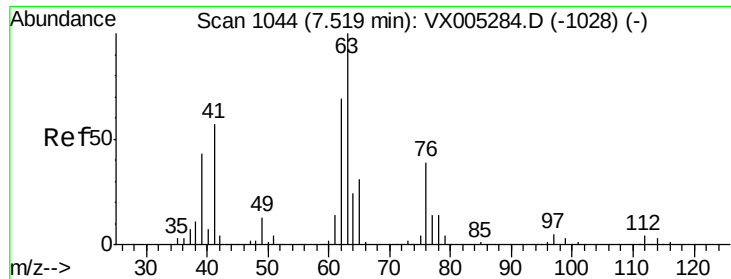
Delta R.T. 0.01 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Tgt Ion:	130	Resp:	133106
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	181.6





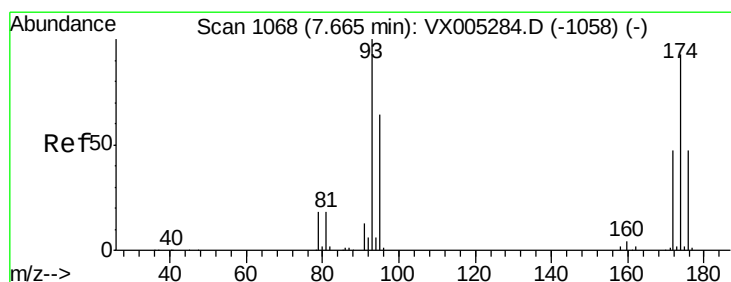
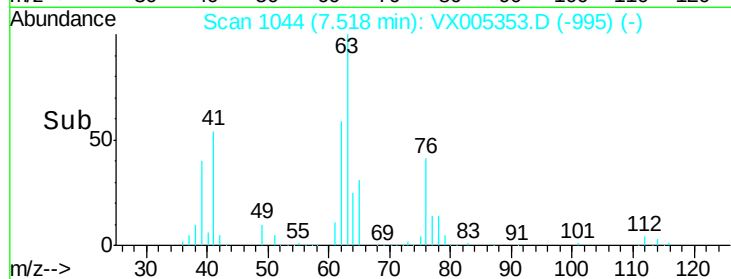
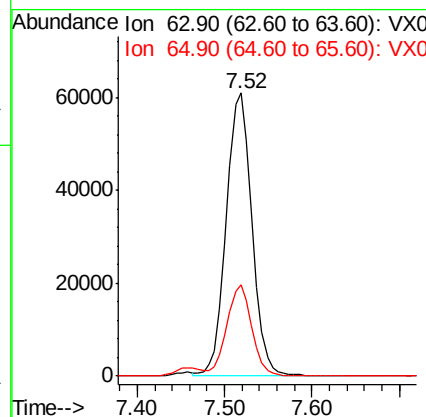
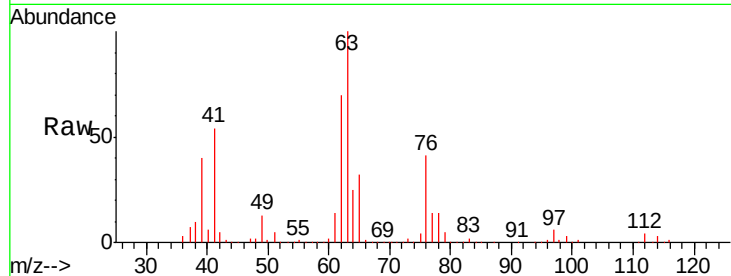
#45
 1,2-Dichloropropane
 Concen: 49.48 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 124813
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.3 36.5

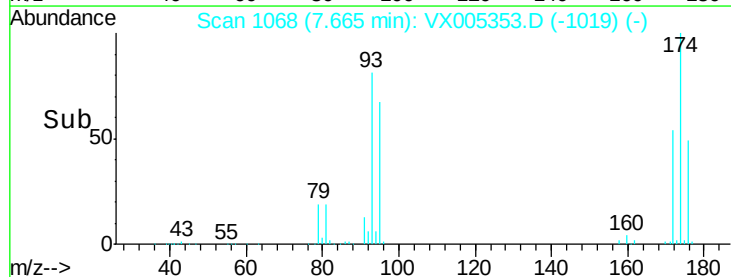
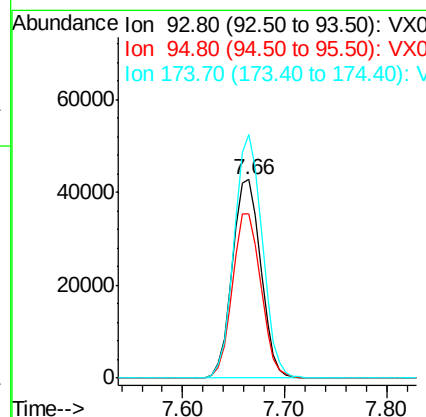
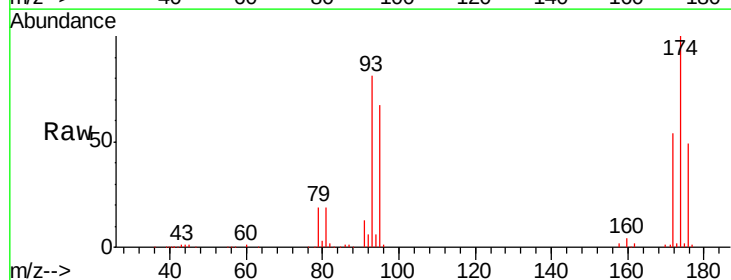
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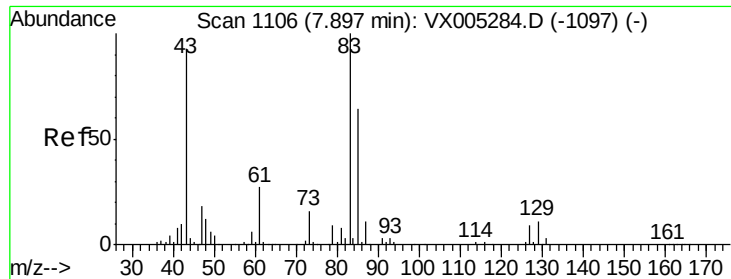
MMDadoda
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#46
 Dibromomethane
 Concen: 49.86 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Tgt Ion: 93 Resp: 83005
 Ion Ratio Lower Upper
 93 100
 95 83.3 65.5 98.3
 174 120.1 94.2 141.4





#47

Bromodichloromethane

Concen: 52.64 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Instrument :

MSVOA_X

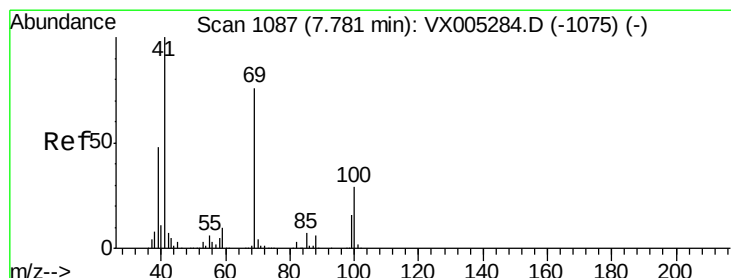
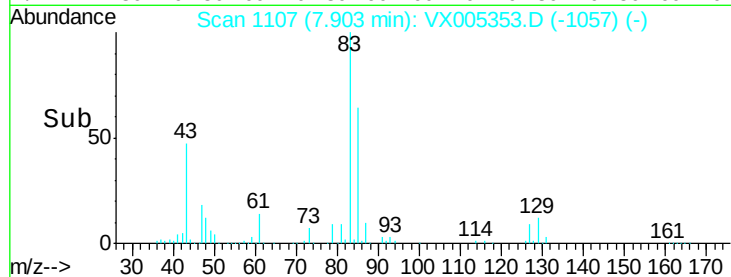
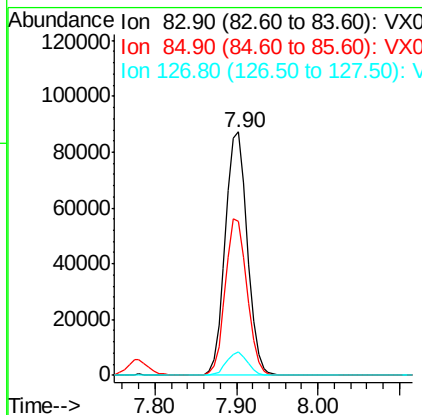
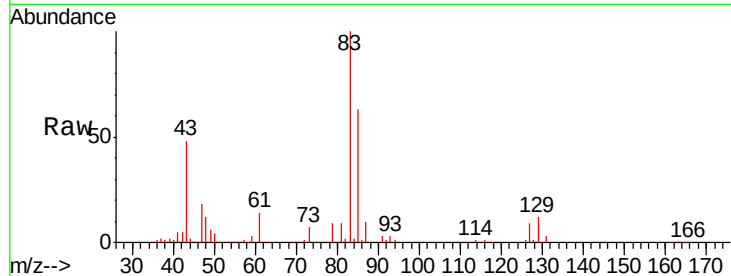
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	162121
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.9	76.3
127	9.5	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.34 ug/l

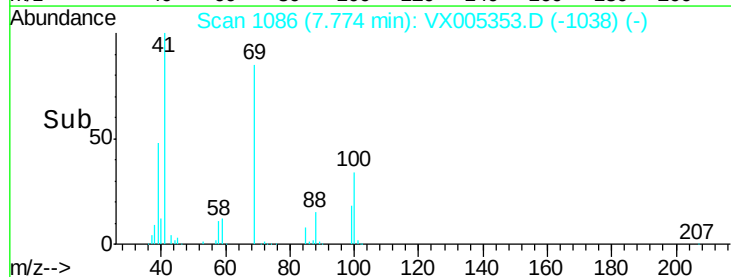
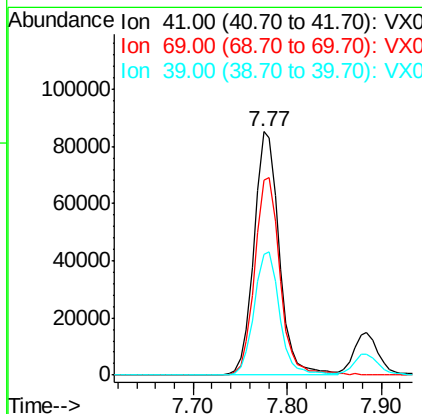
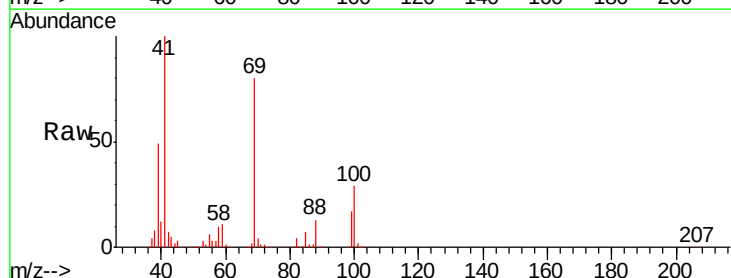
RT: 7.77 min Scan# 1086

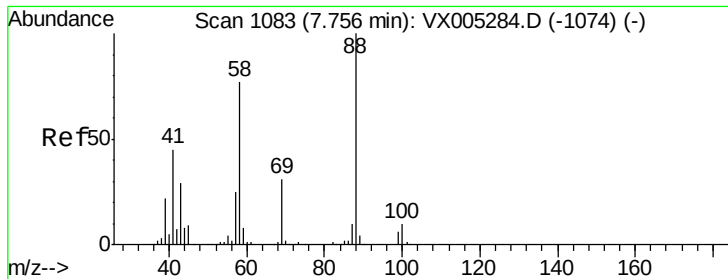
Delta R.T. -0.01 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Tgt Ion:	41	Resp:	159419
Ion	Ratio	Lower	Upper
41	100		
69	82.2	70.2	105.4
39	50.9	42.7	64.1





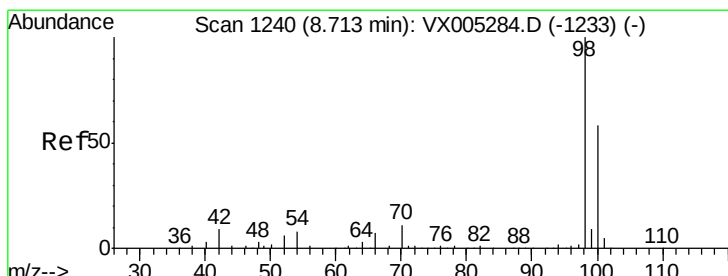
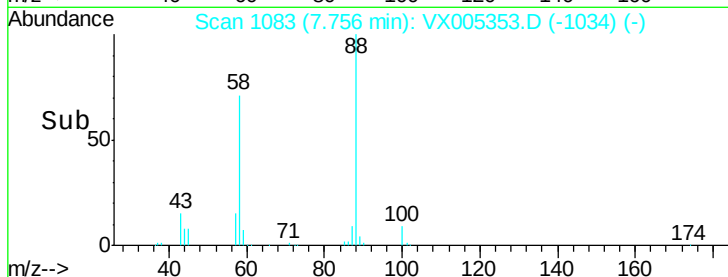
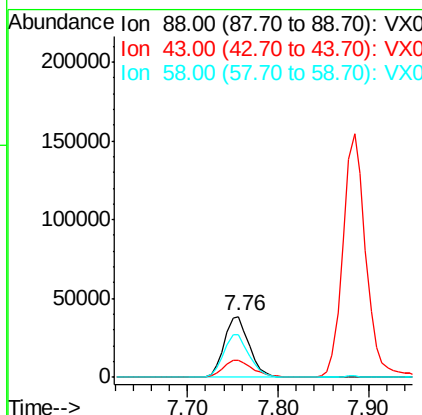
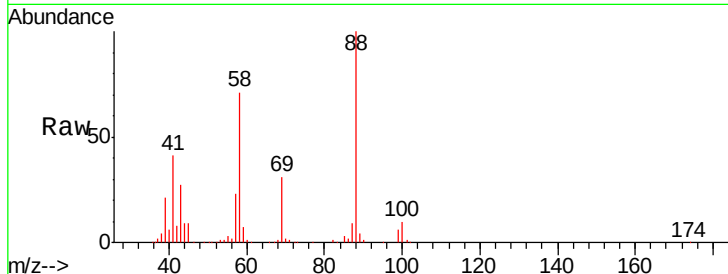
#49
1,4-Dioxane
Concen: 1050.38 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.8	24.7	37.1
58	72.7	55.3	82.9

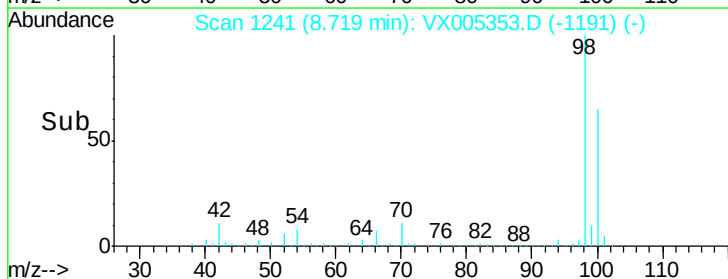
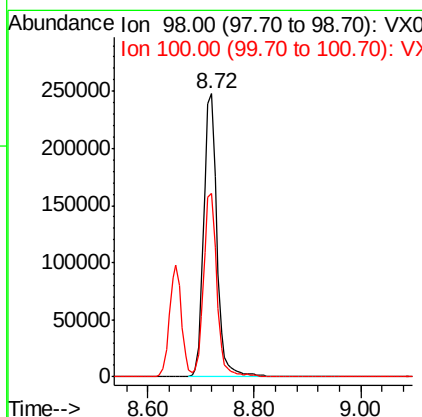
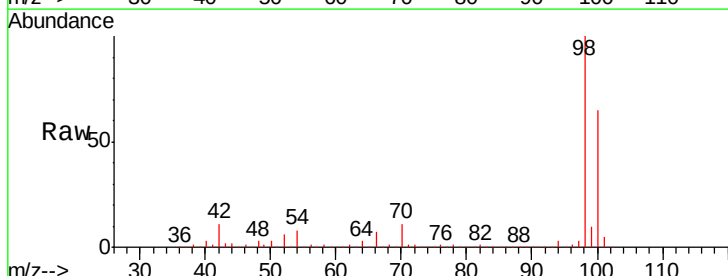
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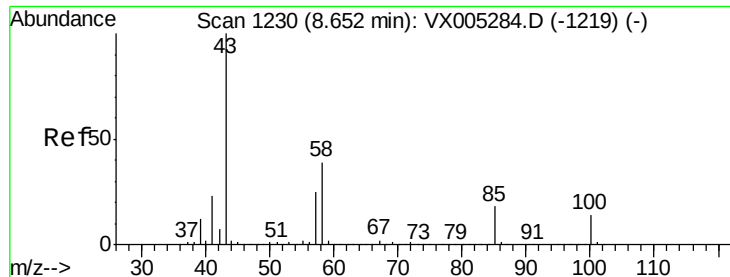
MMDadoda
10/16/2018 2:23:30 PM



#50
Toluene-d8
Concen: 52.00 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 265.67 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1080298

Ion Ratio Lower Upper

43 100

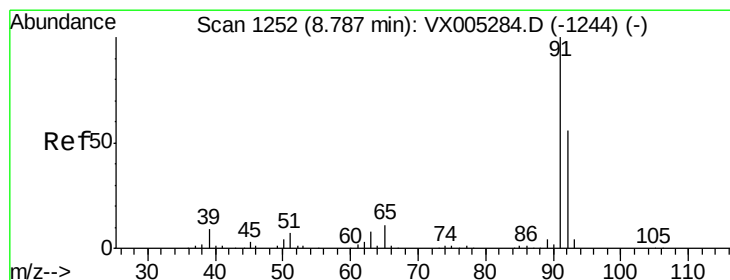
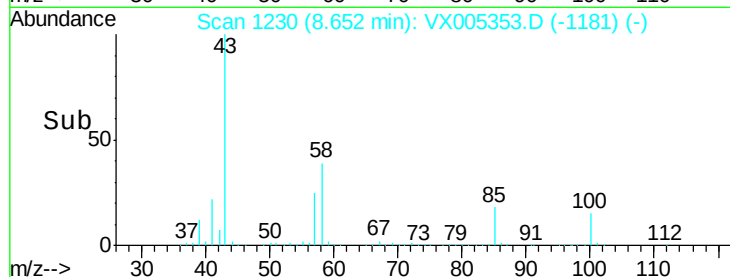
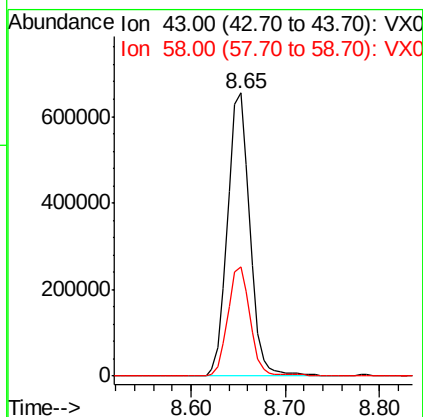
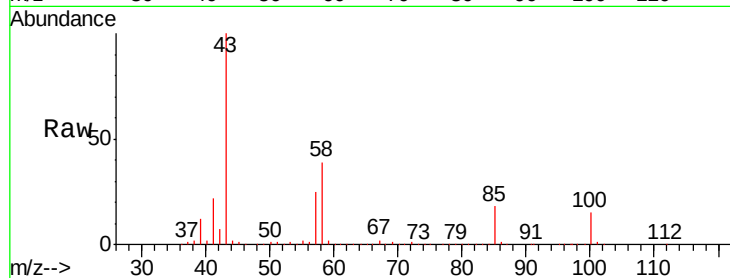
58 39.0 33.1 49.7

Manual Integrations

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#52

Toluene

Concen: 53.66 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005353.D

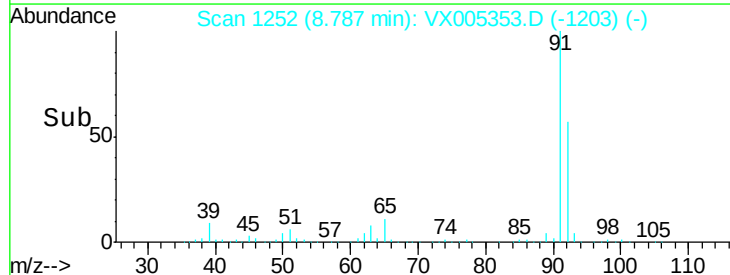
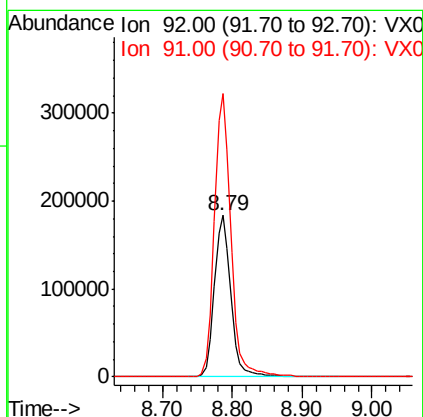
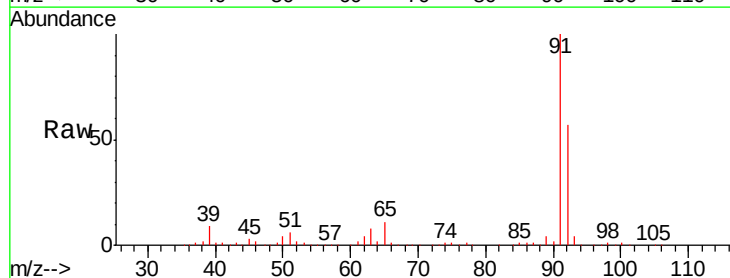
Acq: 15 Oct 2018 19:28

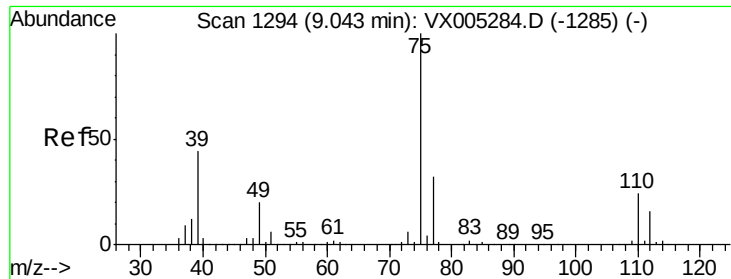
Tgt Ion: 92 Resp: 301883

Ion Ratio Lower Upper

92 100

91 175.1 136.4 204.6





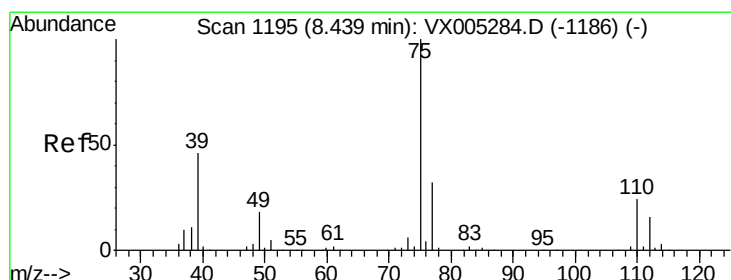
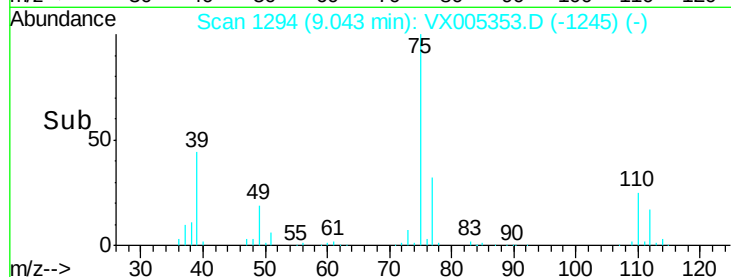
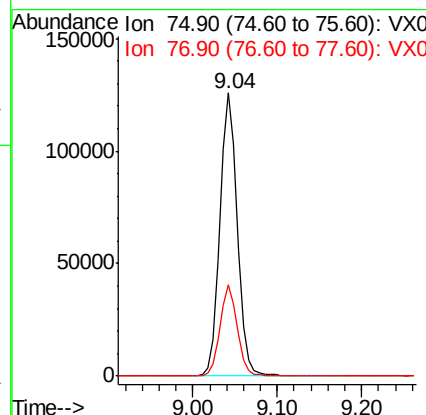
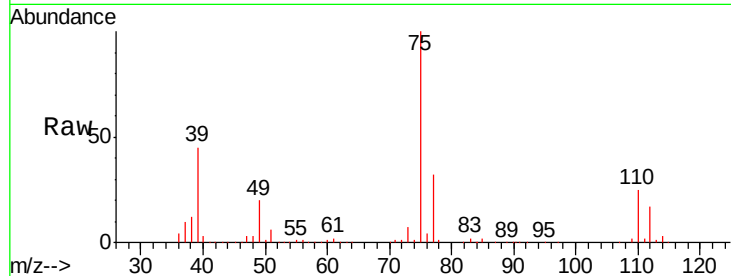
#53
t-1,3-Dichloropropene
Concen: 54.25 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 180794
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0

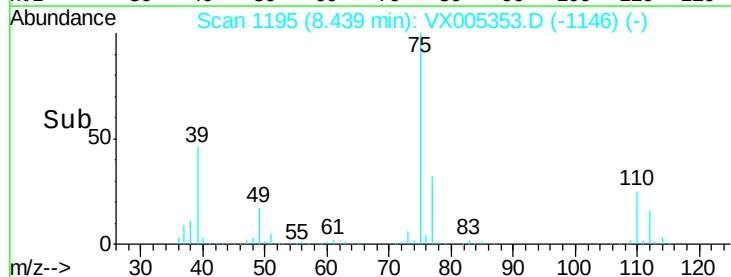
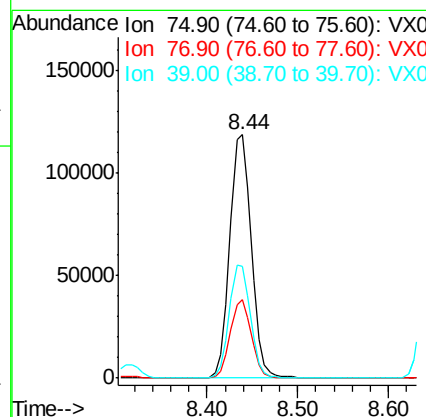
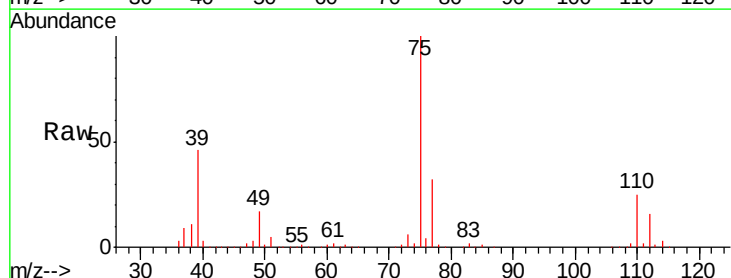
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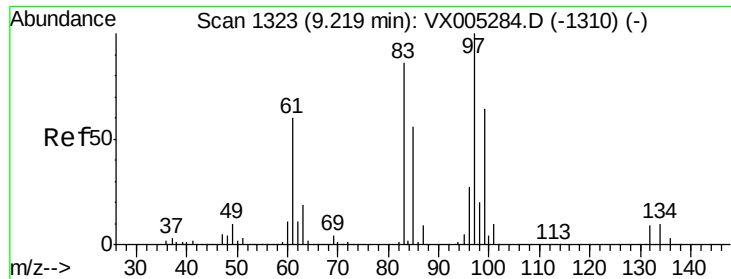
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#54
cis-1,3-Dichloropropene
Concen: 54.24 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion: 75 Resp: 195869
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
39 45.8 36.4 54.6





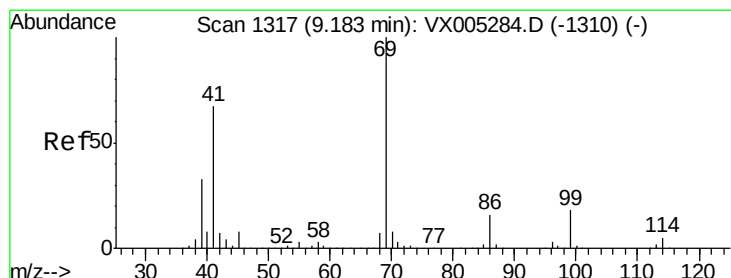
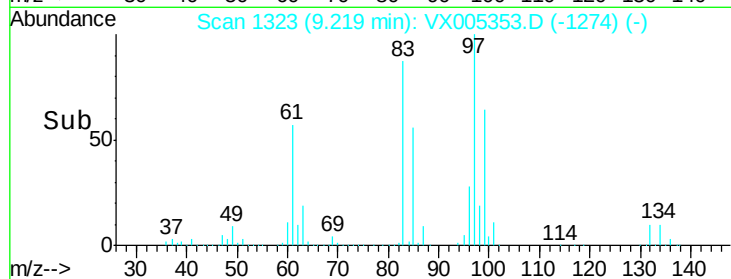
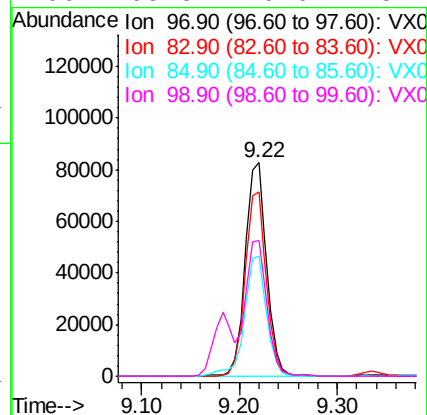
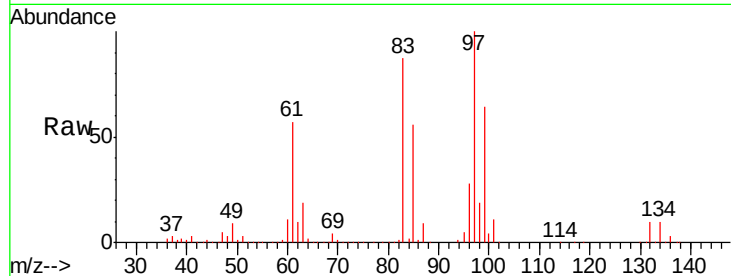
#55
 1,1,2-Trichloroethane
 Concen: 52.49 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.5	66.4	99.6
85	56.3	43.3	64.9
99	63.8	49.0	73.4

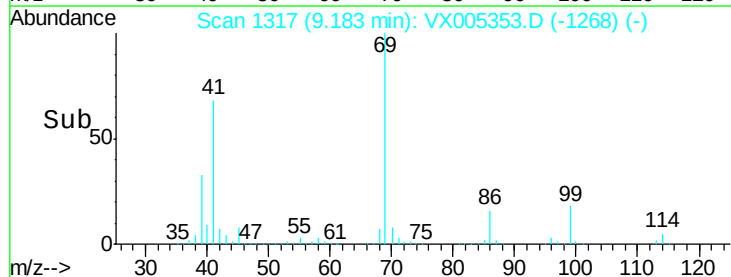
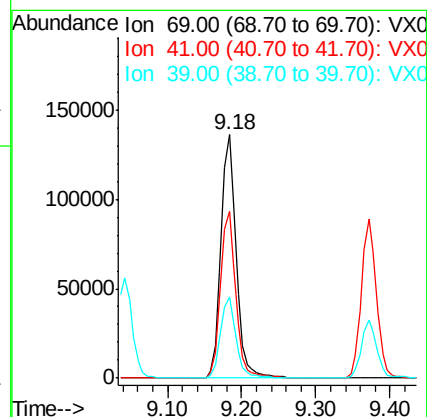
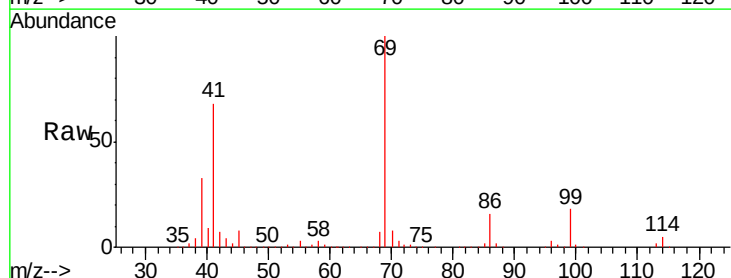
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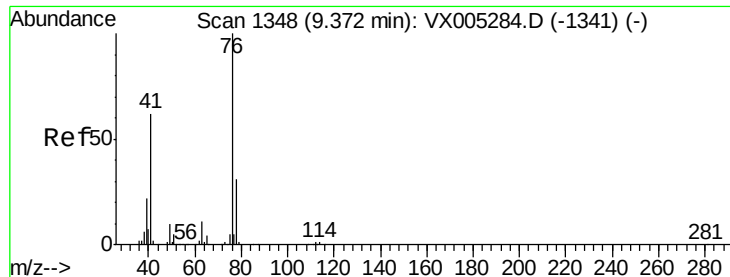
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#56
 Ethyl methacrylate
 Concen: 55.45 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.5	51.0	76.4
39	33.5	26.1	39.1





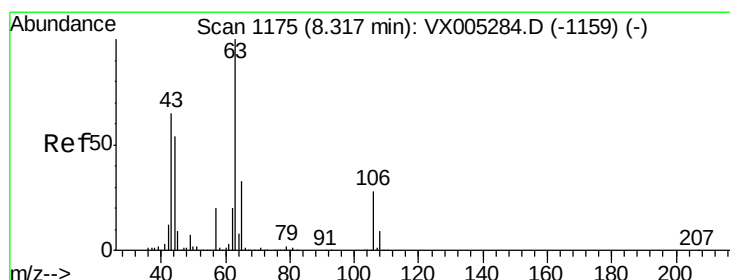
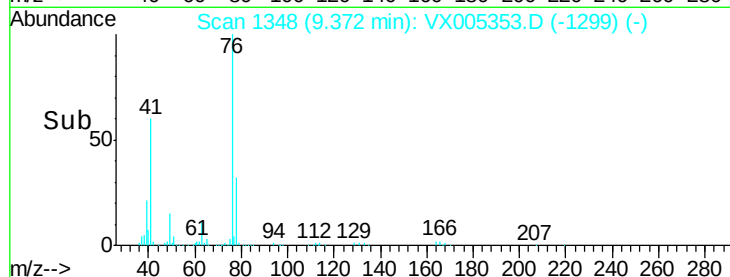
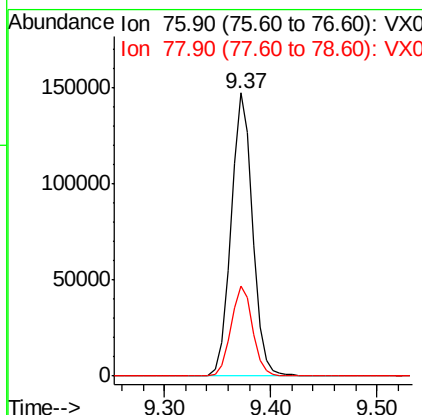
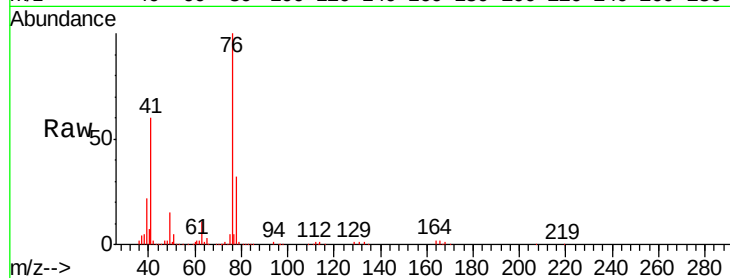
#57
 1,3-Dichloropropane
 Concen: 52.38 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 208327
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3

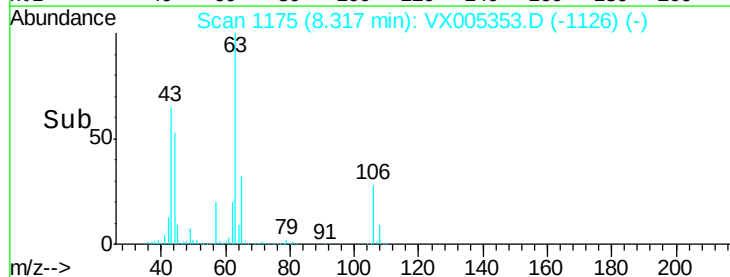
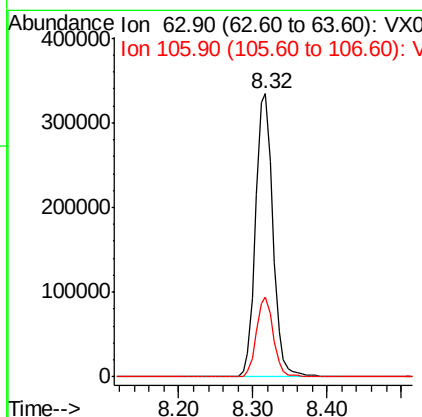
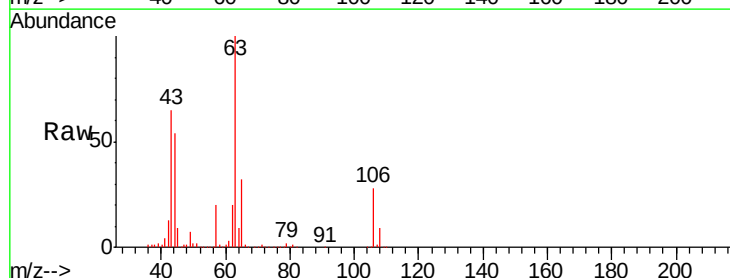
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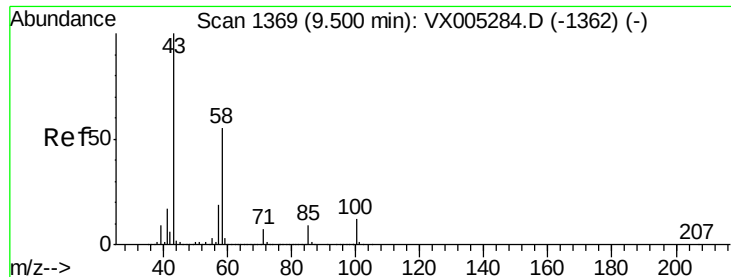
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 282.27 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Tgt Ion: 63 Resp: 549905
 Ion Ratio Lower Upper
 63 100
 106 27.4 23.9 35.9





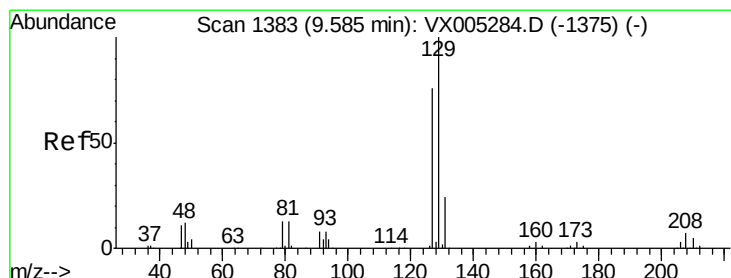
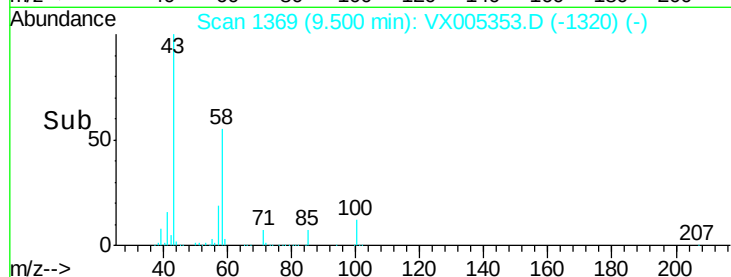
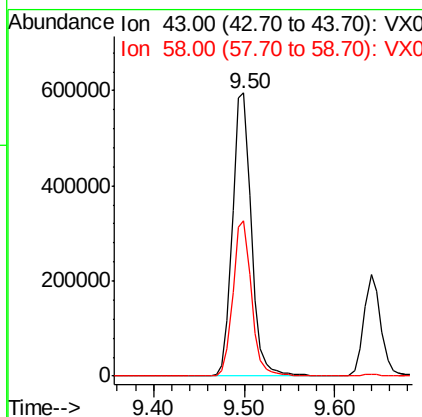
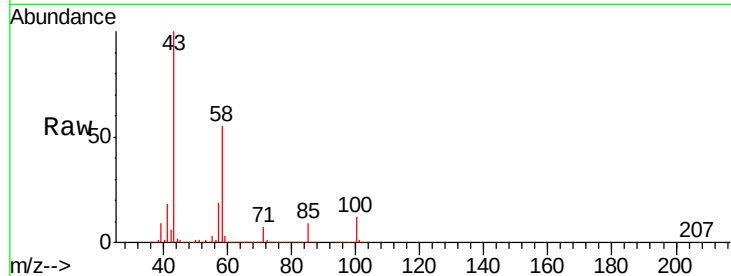
#59
2-Hexanone
Concen: 262.89 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 859888
Ion Ratio Lower Upper
43 100
58 53.9 29.0 87.0

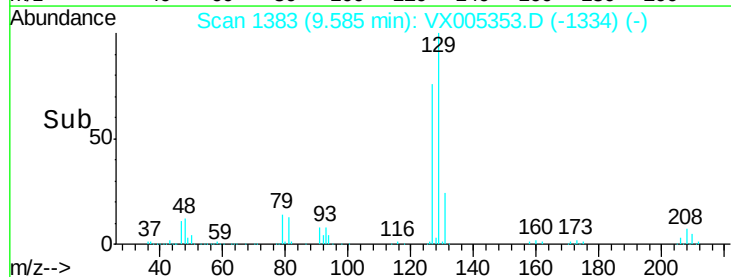
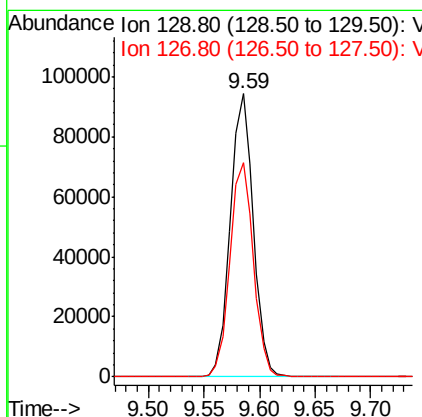
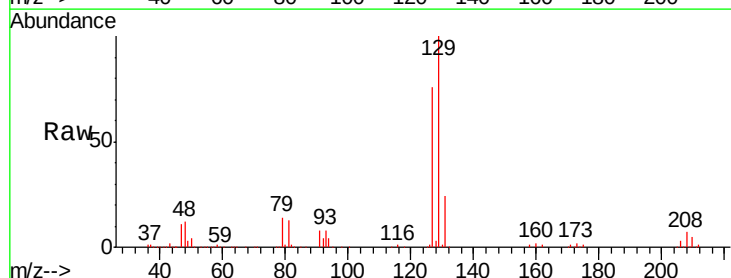
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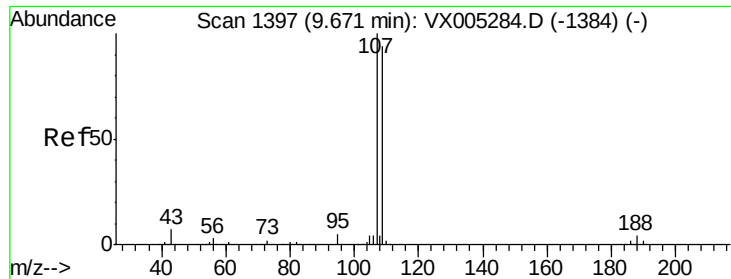
MMDadoda
10/16/2018 2:23:30 PM



#60
Dibromochloromethane
Concen: 54.78 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion: 129 Resp: 134919
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.52 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 131336

Ion Ratio Lower Upper

107 100

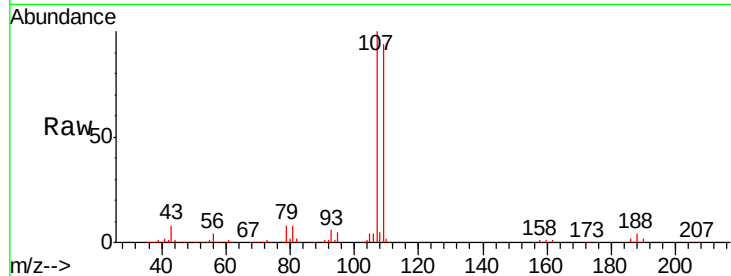
109 95.2 76.0 114.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

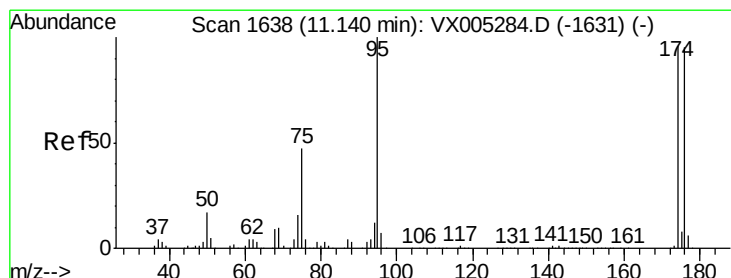
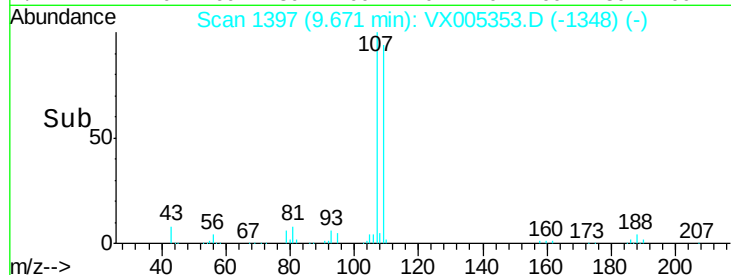
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.70 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

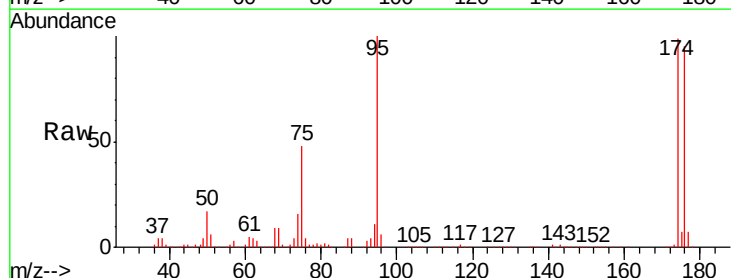
Tgt Ion: 95 Resp: 156313

Ion Ratio Lower Upper

95 100

174 95.6 0.0 185.2

176 92.0 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

11.14

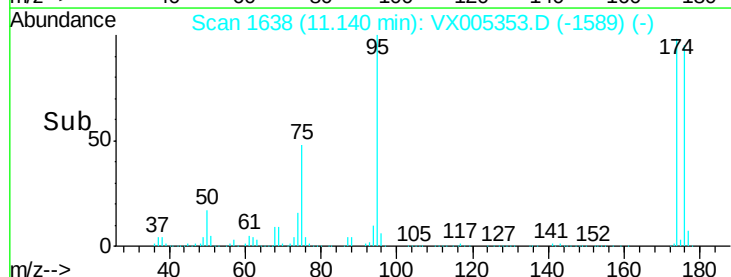
150000

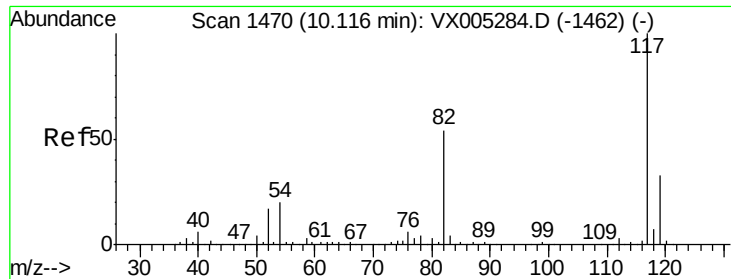
100000

50000

0

Time-->





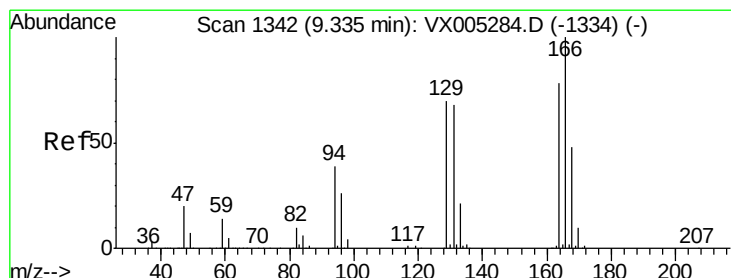
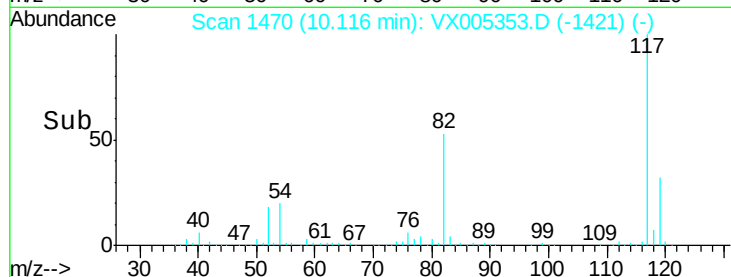
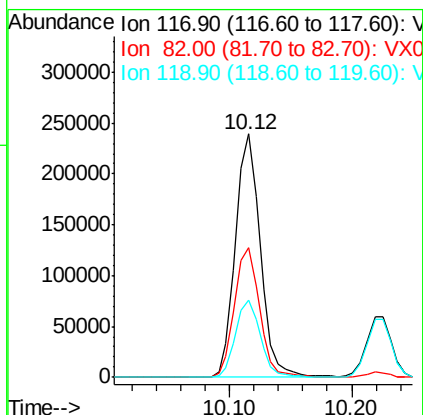
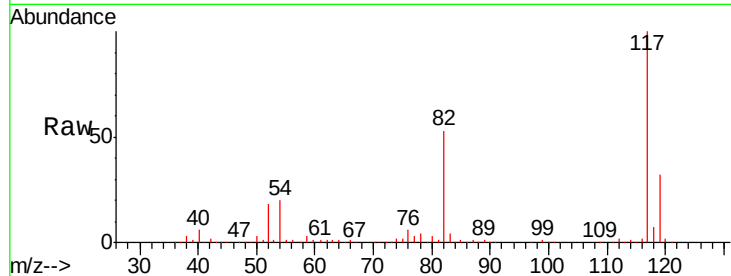
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	336594		
82	53.3	47.8	71.6	
119	31.9	29.3	43.9	

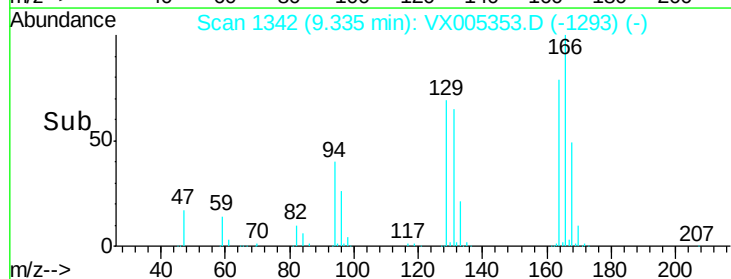
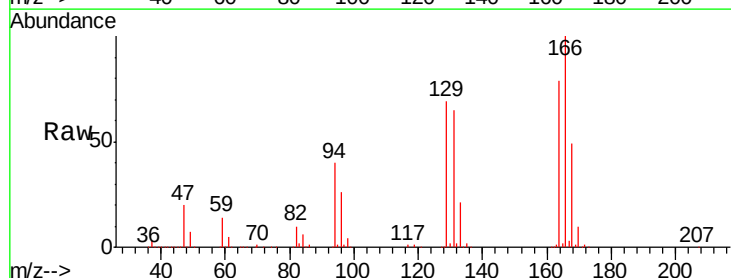
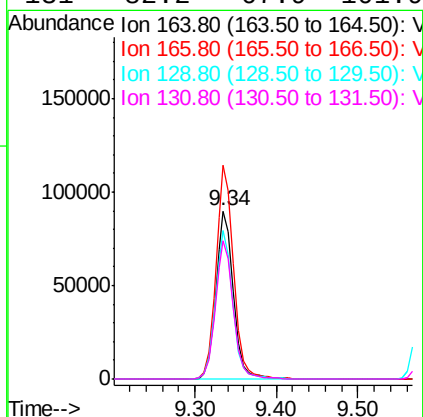
Manual Integrations
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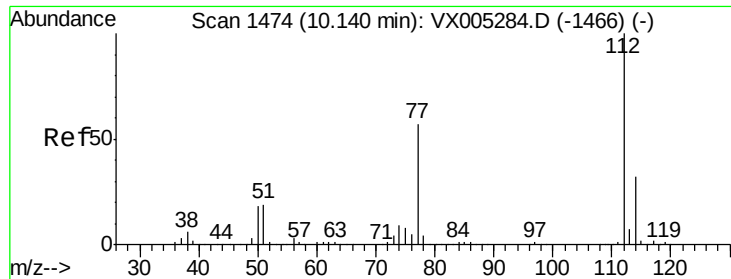
MMDadoda
10/16/2018 2:23:30 PM



#64
Tetrachloroethene
Concen: 50.21 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136050		
166	127.2	102.8	154.2	
129	88.2	69.4	104.0	
131	82.2	67.9	101.9	





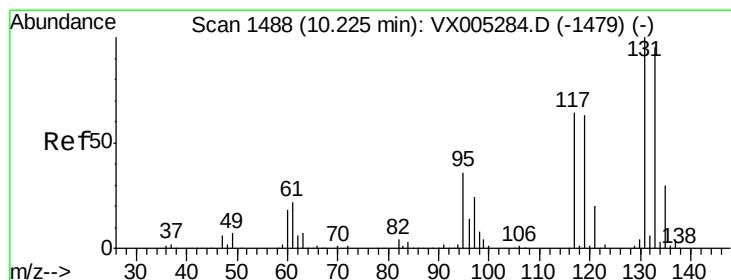
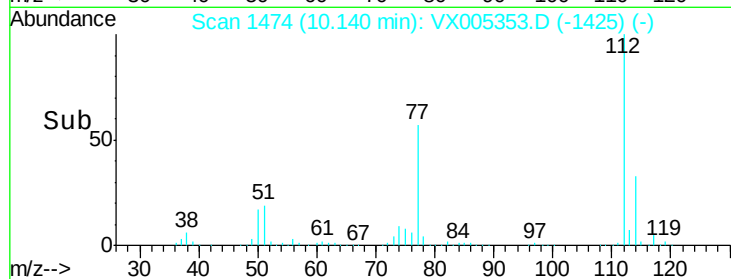
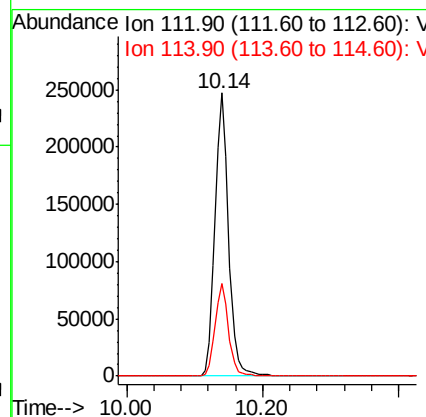
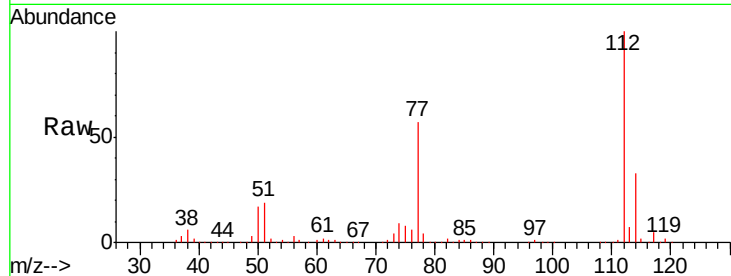
#65
Chlorobenzene
Concen: 48.08 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 344246
Ion Ratio Lower Upper
112 100
114 32.5 27.8 41.8

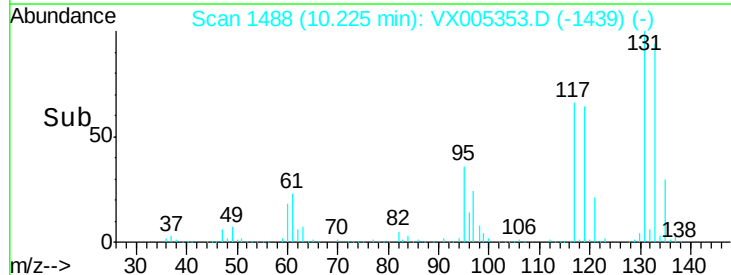
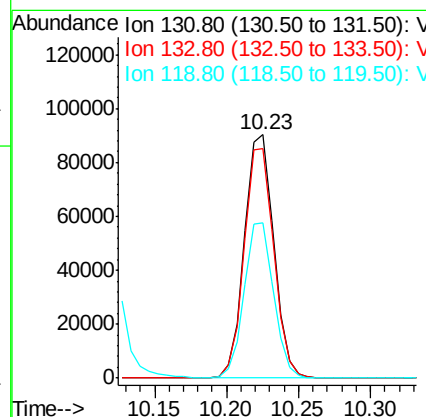
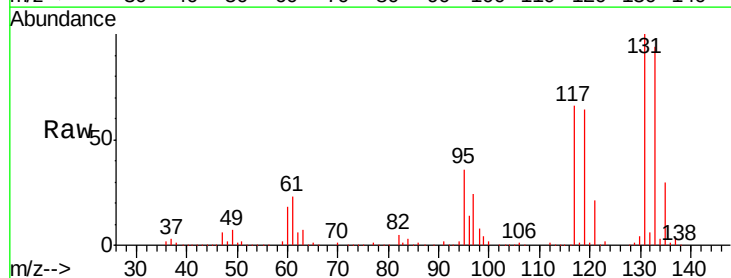
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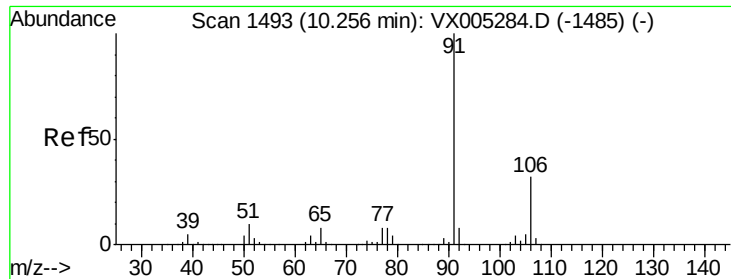
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.06 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion:131 Resp: 127717
Ion Ratio Lower Upper
131 100
133 95.5 48.1 144.4
119 64.2 32.9 98.6





#67

Ethyl Benzene

Concen: 50.09 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 583006

Ion Ratio Lower Upper

91 100

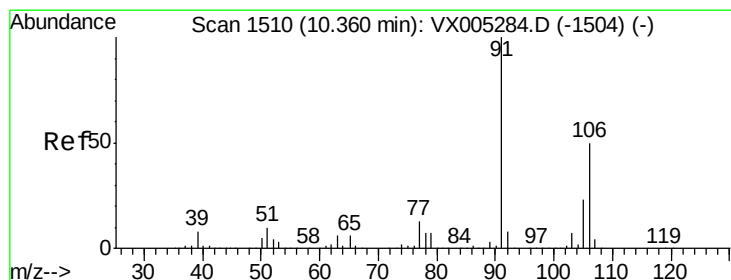
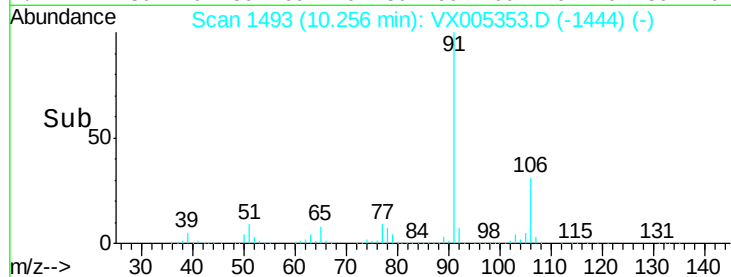
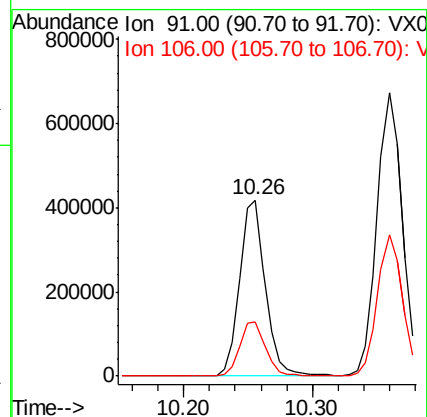
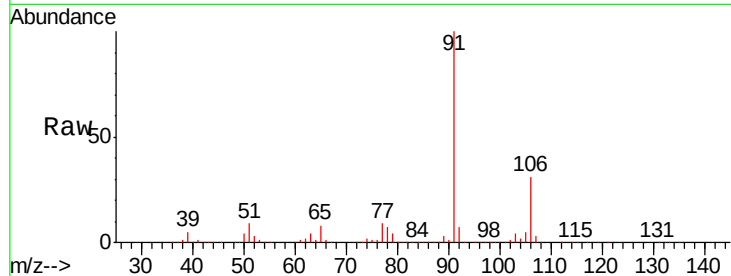
106 31.0 25.9 38.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 101.04 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005353.D

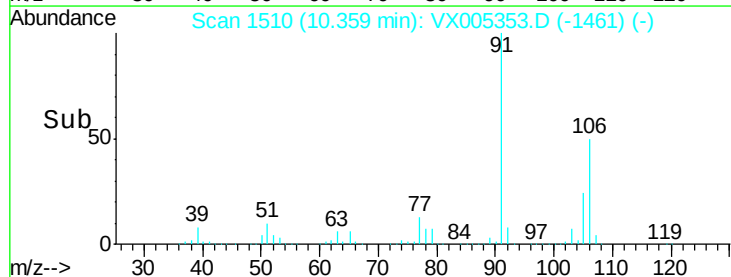
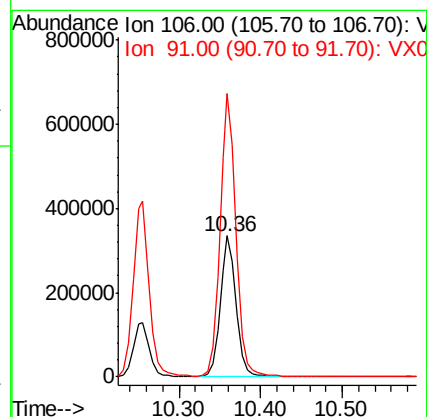
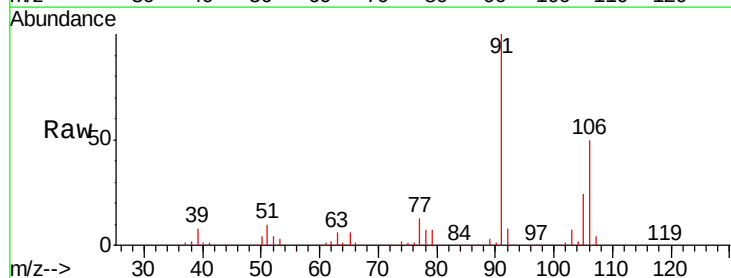
Acq: 15 Oct 2018 19:28

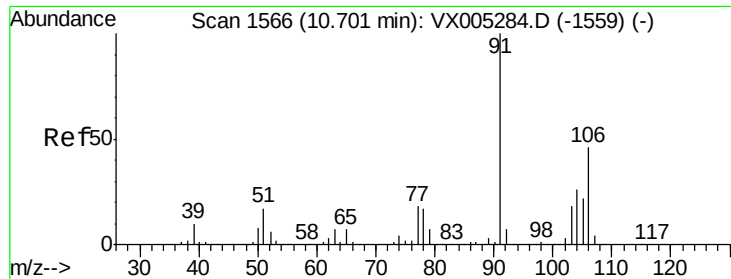
Tgt Ion: 106 Resp: 456476

Ion Ratio Lower Upper

106 100

91 203.2 157.1 235.7





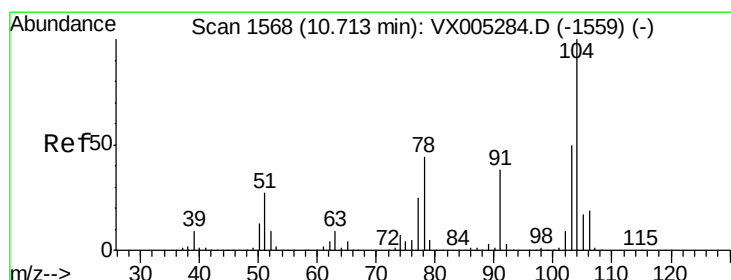
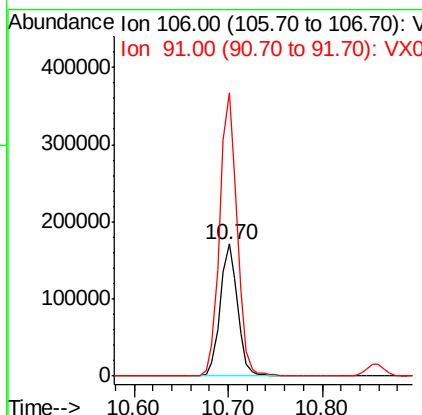
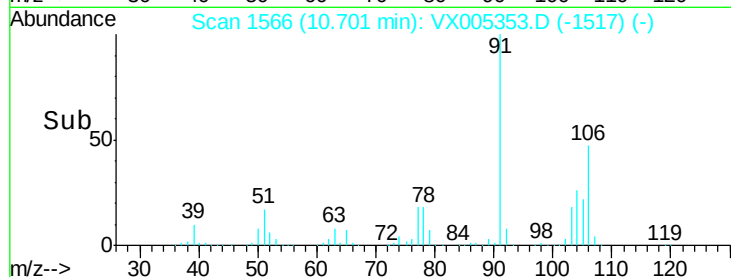
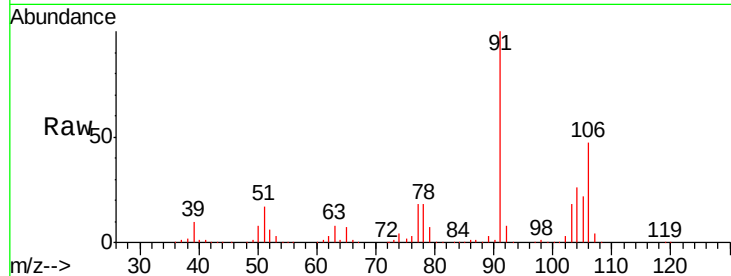
#69
o-Xylene
Concen: 50.26 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 218963
Ion Ratio Lower Upper
106 100
91 215.4 105.1 315.1

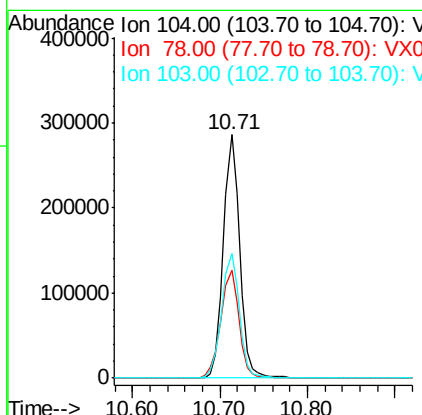
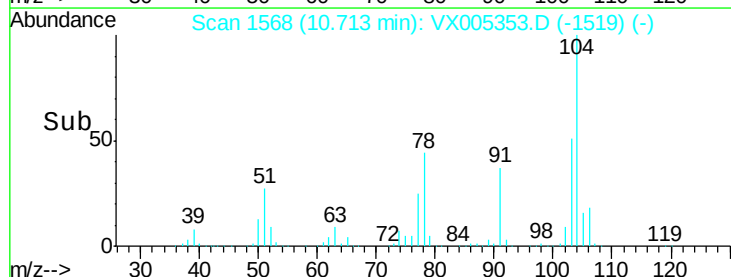
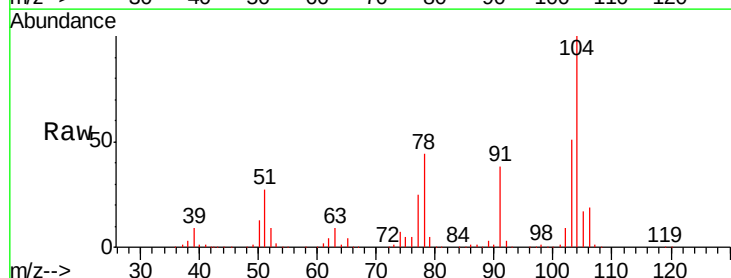
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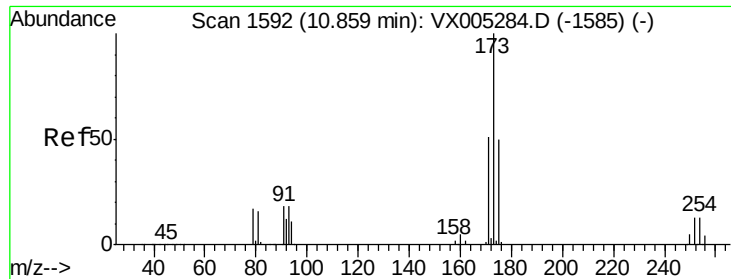
MMDadoda
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#70
Styrene
Concen: 51.48 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion:104 Resp: 368892
Ion Ratio Lower Upper
104 100
78 49.6 37.4 56.0
103 55.9 43.8 65.6





#71

Bromoform

Concen: 50.37 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Instrument :

MSVOA_X

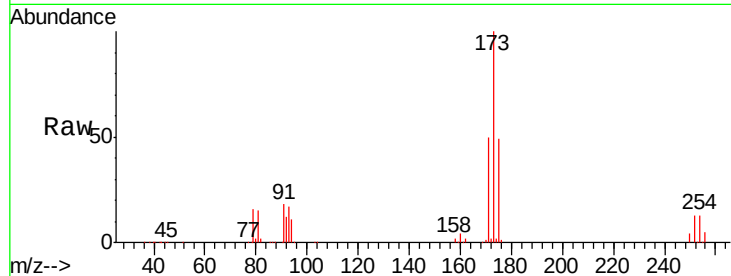
ClientSampleId :

VSTDCCC050EC

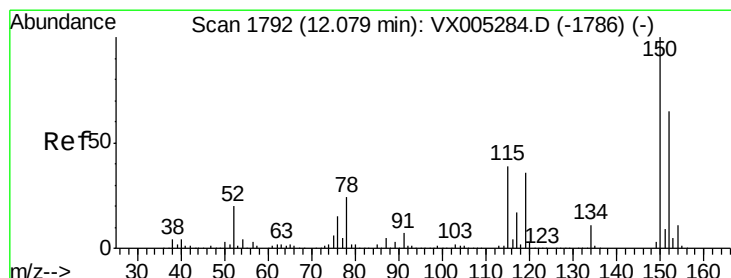
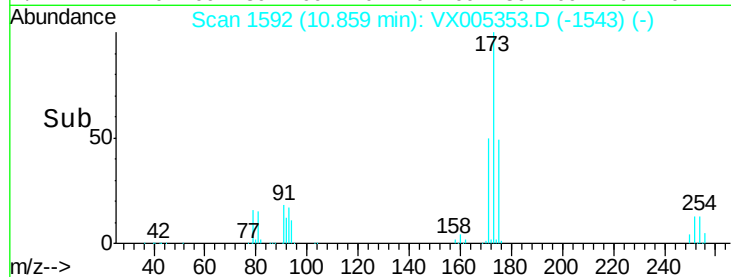
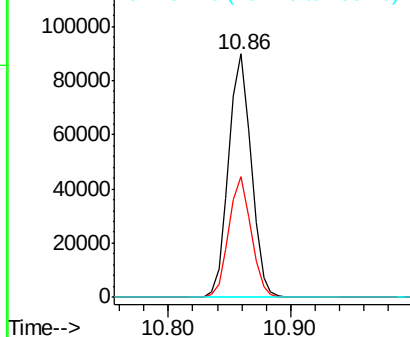
Tgt Ion:	173	Resp:	114854
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.1	72.3
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

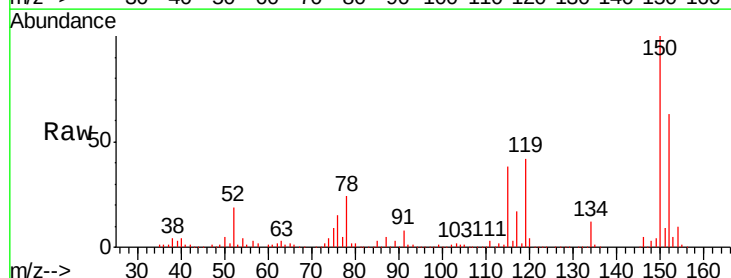
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

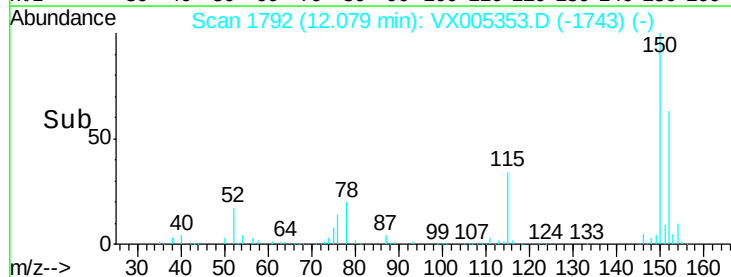
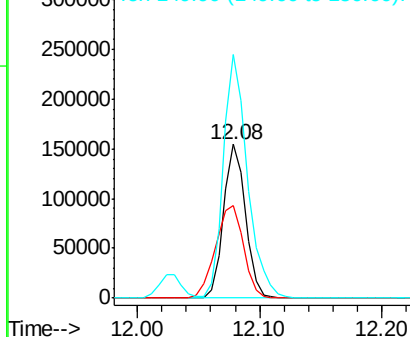
Lab File: VX005353.D

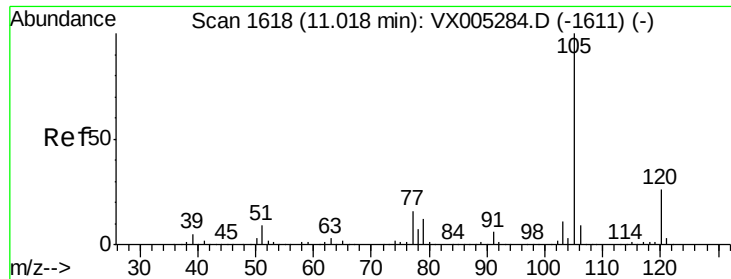
Acq: 15 Oct 2018 19:28

Tgt Ion:	152	Resp:	191234
Ion Ratio	Lower	Upper	
152	100		
115	77.6	39.0	117.0
150	174.8	0.0	351.0



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





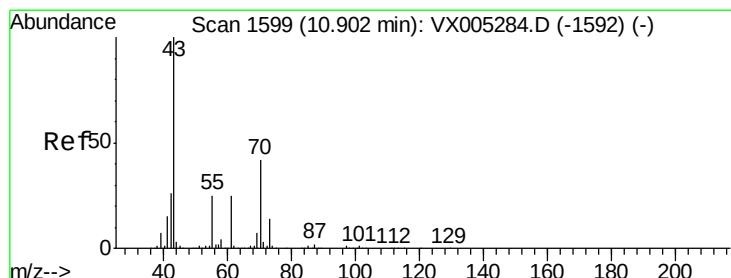
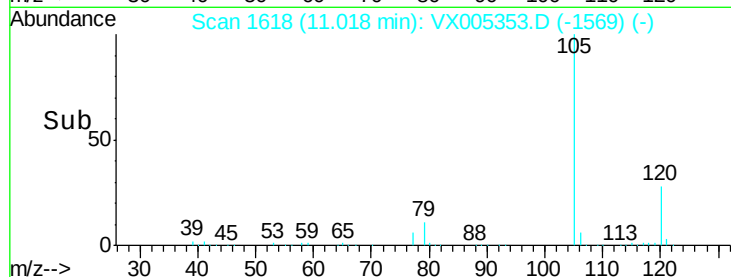
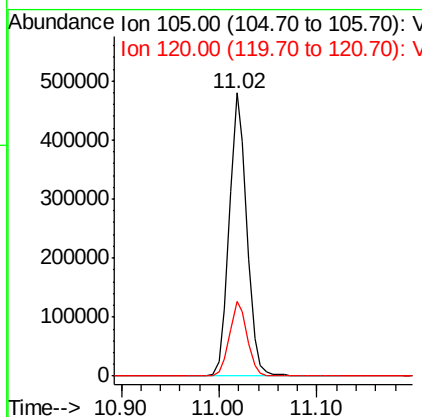
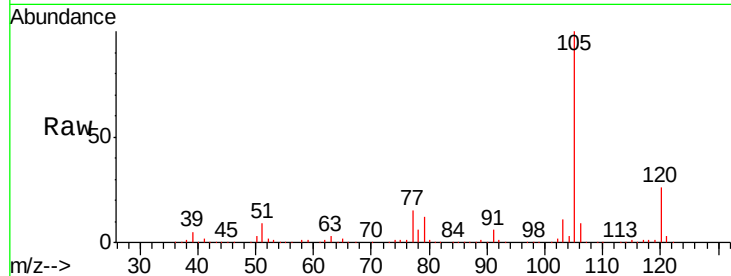
#73
Isopropylbenzene
Concen: 52.67 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 105 Resp: 598713
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4

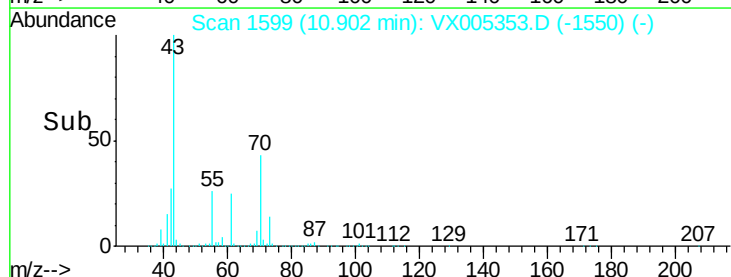
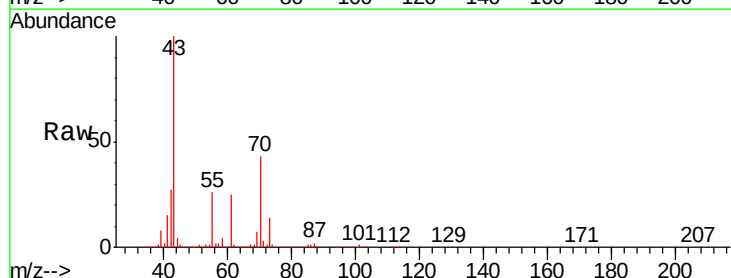
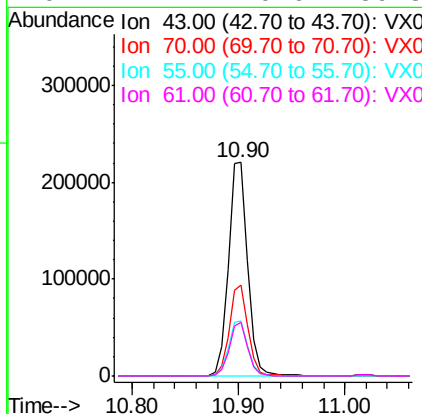
Manual Integrations
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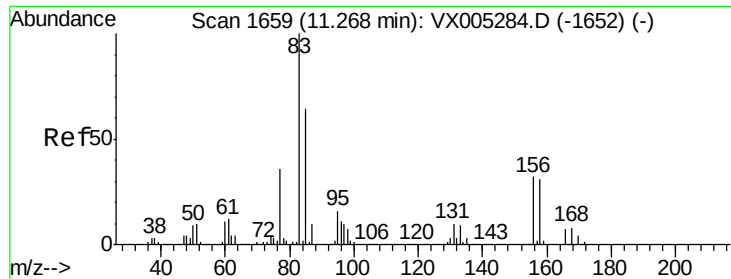
MMDadoda
10/16/2018 2:23:30 PM



#74
N-ethyl acetate
Concen: 50.77 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion: 43 Resp: 278391
Ion Ratio Lower Upper
43 100
70 41.2 37.4 56.0
55 25.9 21.8 32.8
61 24.2 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.92 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 205495
Ion Ratio Lower Upper

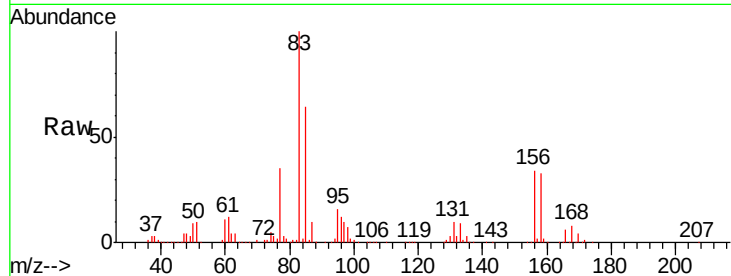
83 100

131 10.5 5.2 15.6

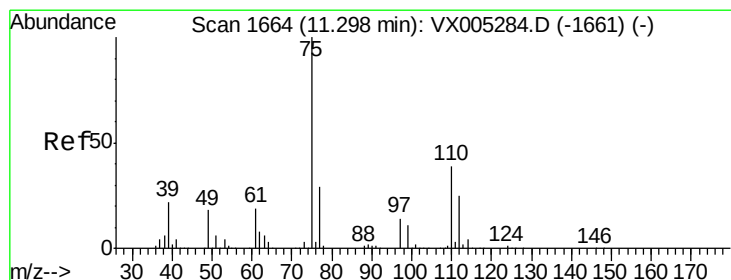
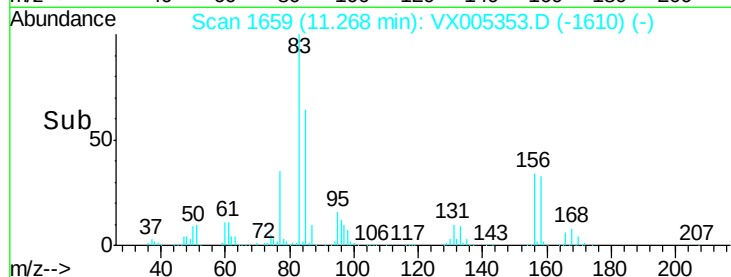
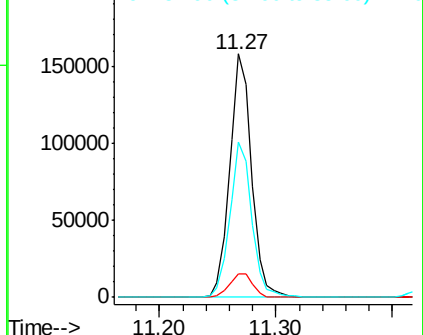
85 64.0 32.3 96.8

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



#76

1,2,3-Trichloropropane

Concen: 51.44 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

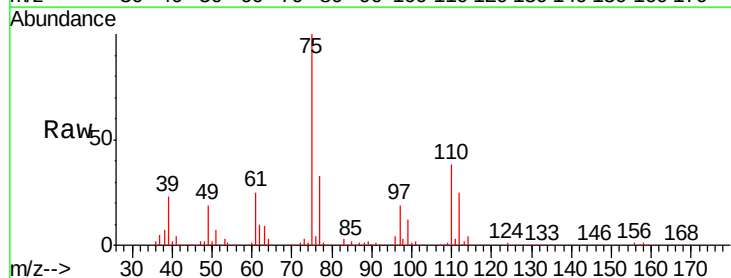
Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

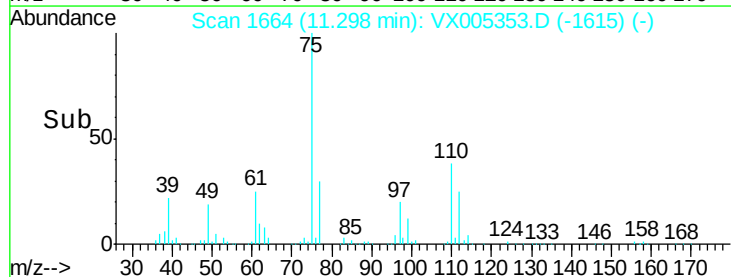
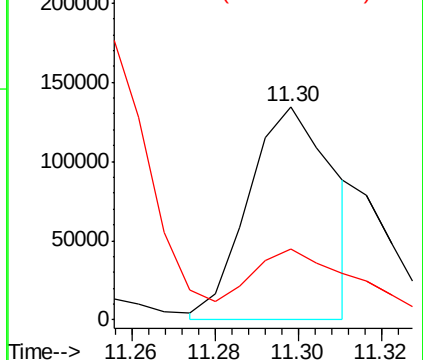
Tgt Ion: 75 Resp: 190801
Ion Ratio Lower Upper

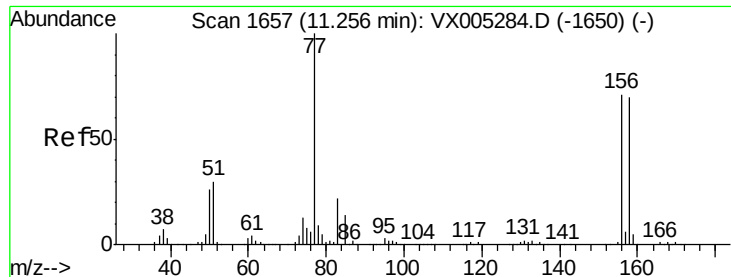
75 100

77 41.7 20.2 60.6



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





#77

Bromobenzene

Concen: 50.44 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Instrument :

MSVOA_X

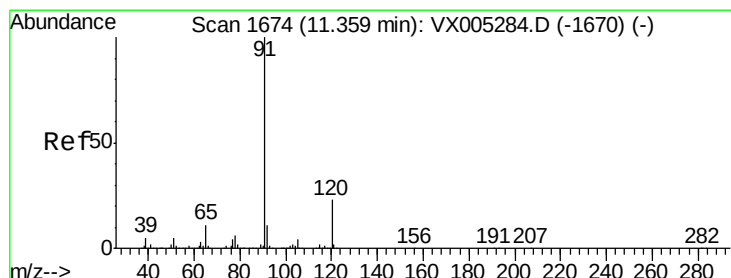
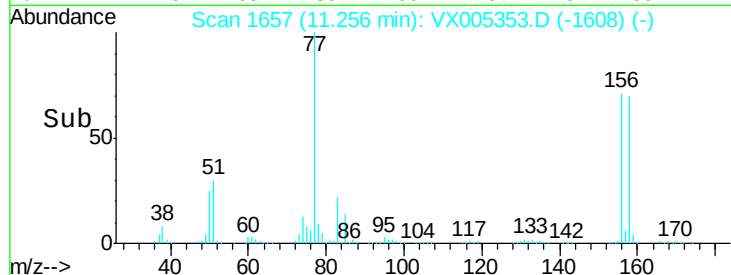
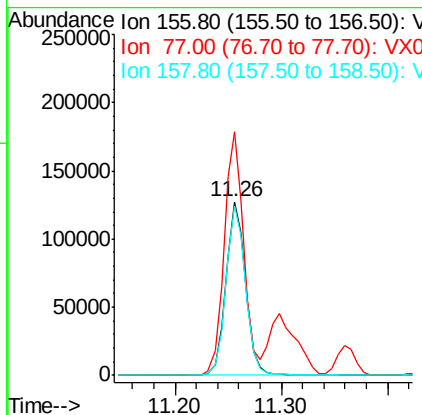
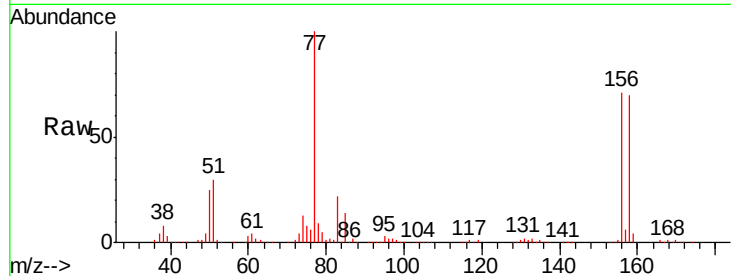
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	163963
Ion Ratio	Lower	Upper	
156	100		
77	139.3	71.5	214.3
158	97.6	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 52.56 ug/l

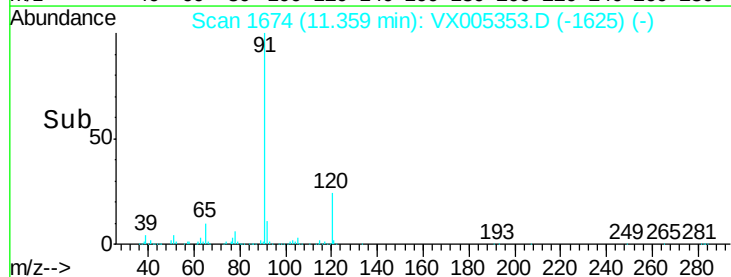
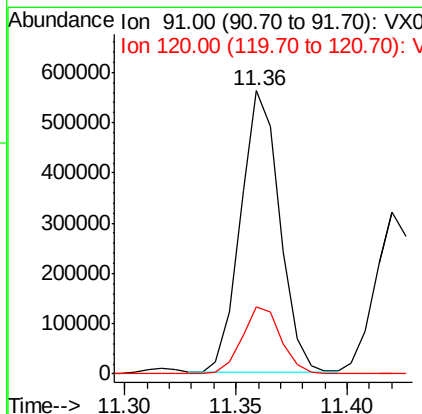
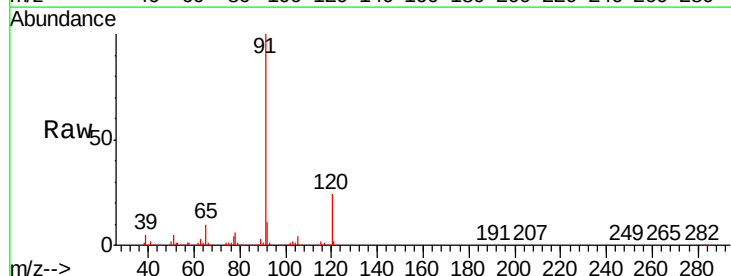
RT: 11.36 min Scan# 1674

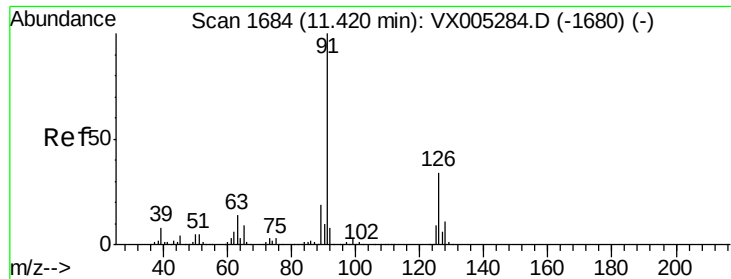
Delta R.T. -0.00 min

Lab File: VX005353.D

Acq: 15 Oct 2018 19:28

Tgt Ion:	91	Resp:	687569
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.9	35.9





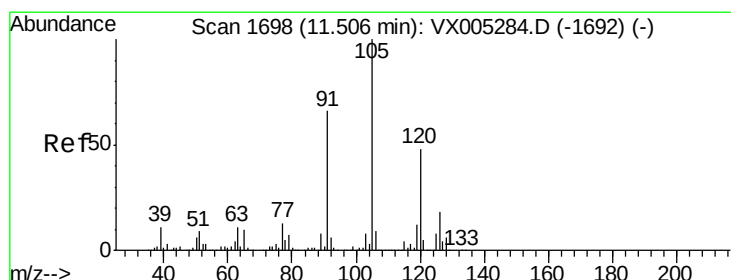
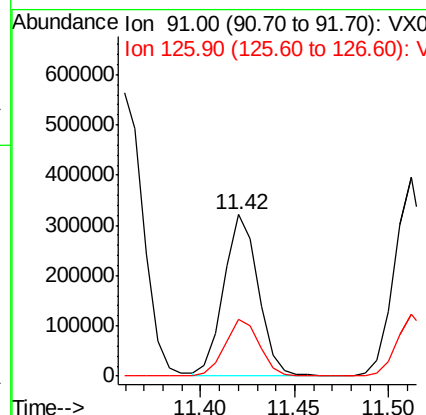
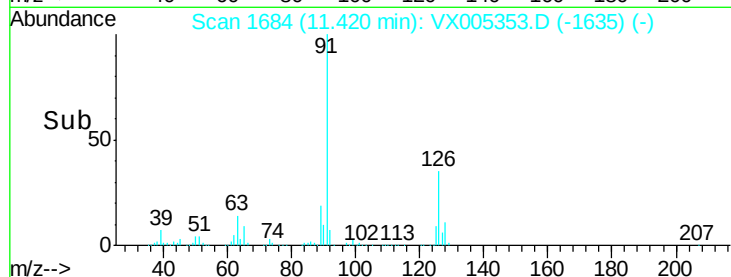
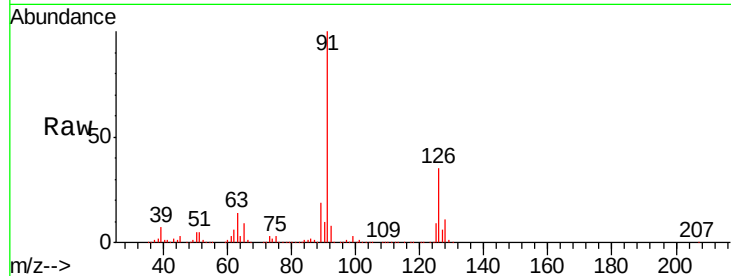
#79
 2-Chlorotoluene
 Concen: 50.40 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 403831
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.9 53.7

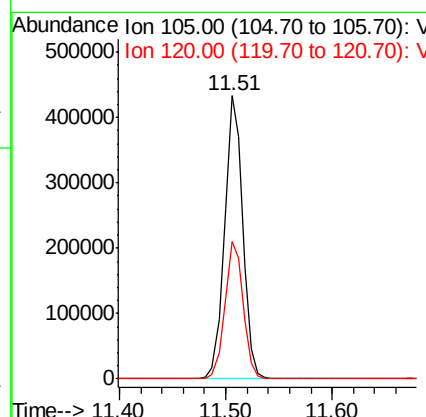
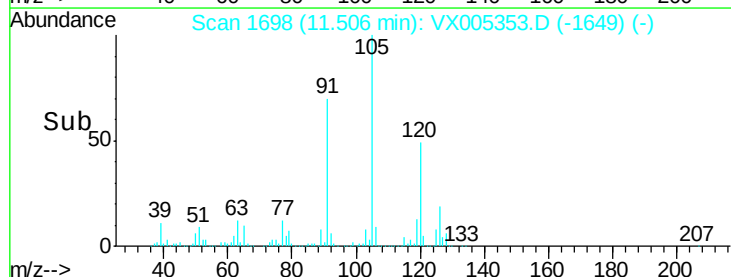
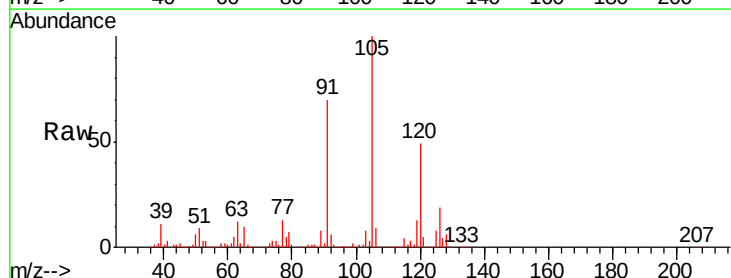
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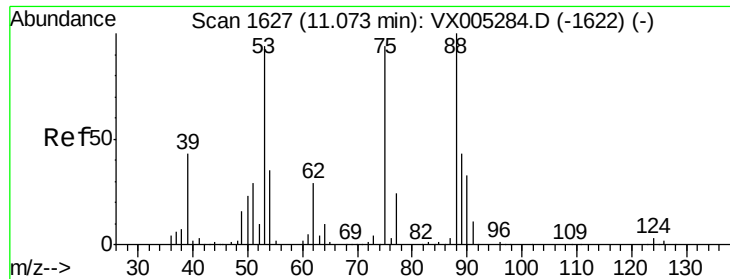
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 10/16/2018 2:23:30 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.83 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Tgt Ion: 105 Resp: 514343
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.6 76.8





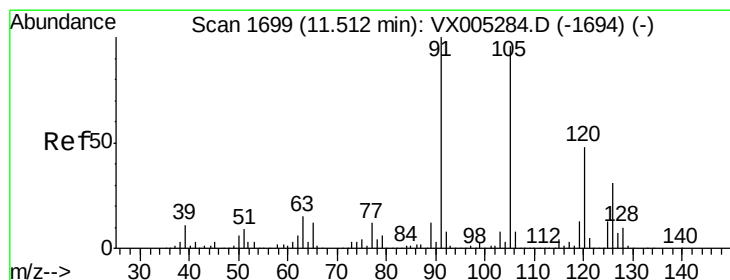
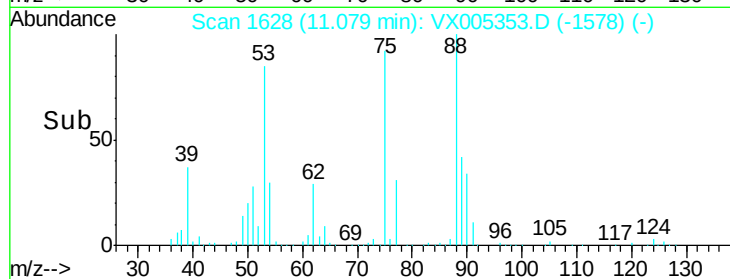
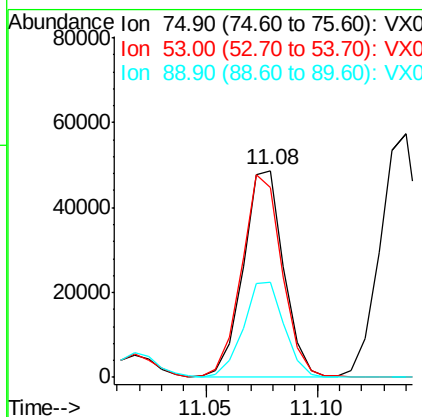
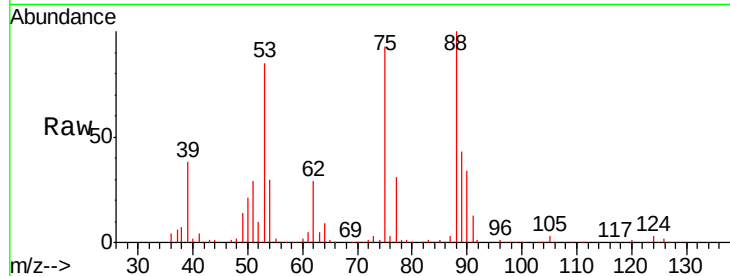
#81
trans-1,4-Dichloro-2-butene
Concen: 50.22 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. 0.01 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 61314
Ion Ratio Lower Upper
75 100
53 99.2 80.1 120.1
89 47.1 37.2 55.8

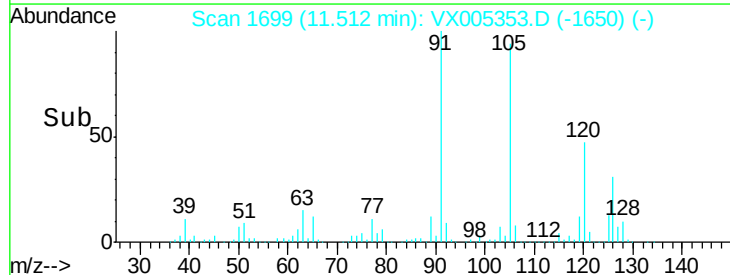
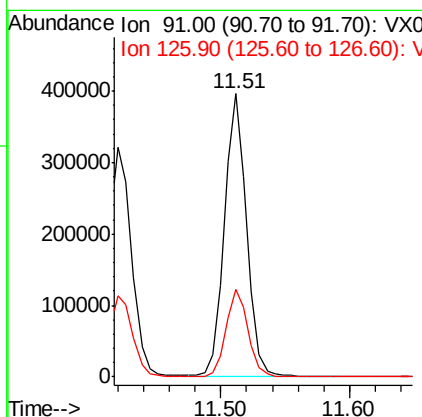
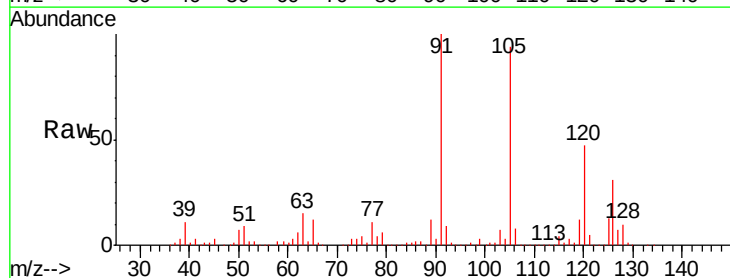
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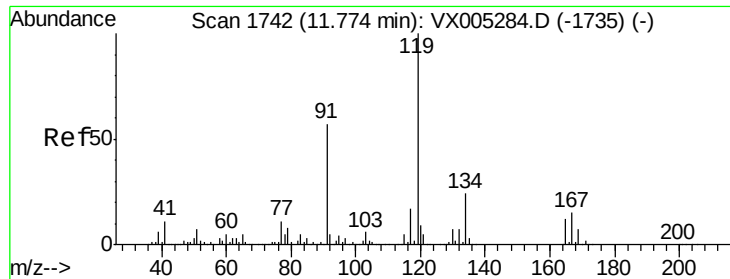
MMDadoda
10/16/2018 2:23:30 PM



#82
4-Chlorotoluene
Concen: 50.54 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion: 91 Resp: 480032
Ion Ratio Lower Upper
91 100
126 30.9 15.5 46.5





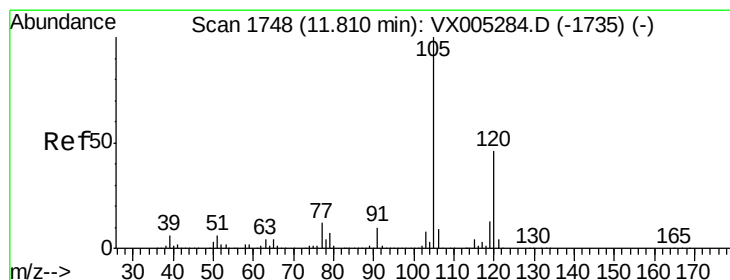
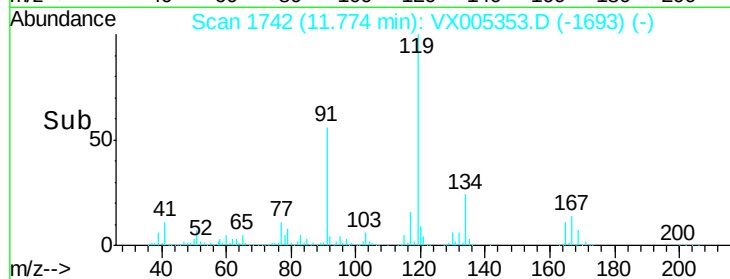
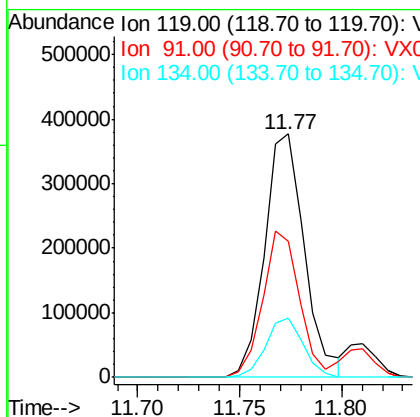
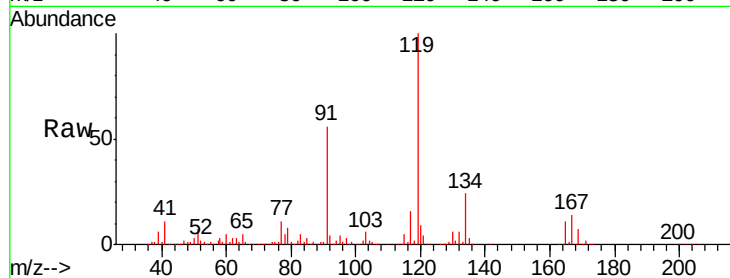
#83
 tert-Butylbenzene
 Concen: 51.97 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.5	27.0	81.0
134	23.1	11.7	35.1

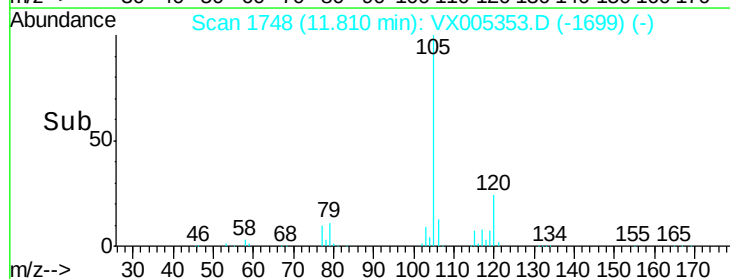
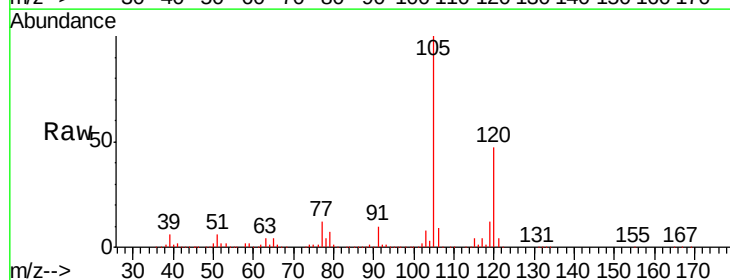
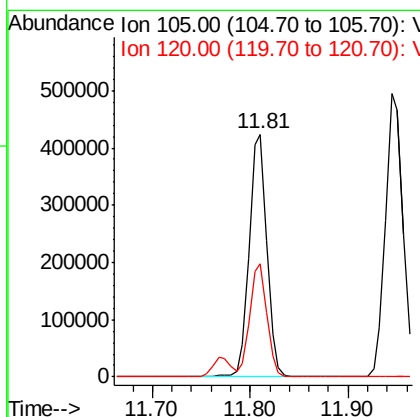
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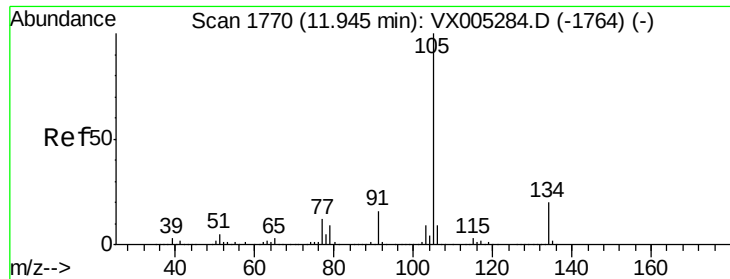
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.87 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.2	69.6





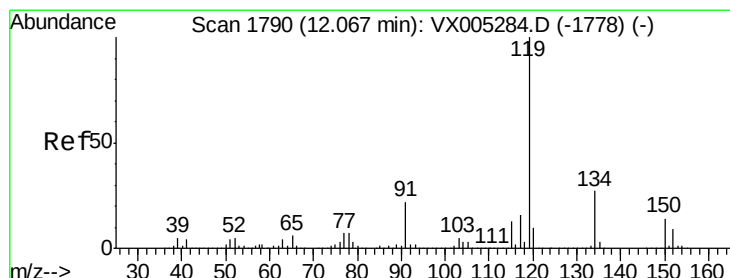
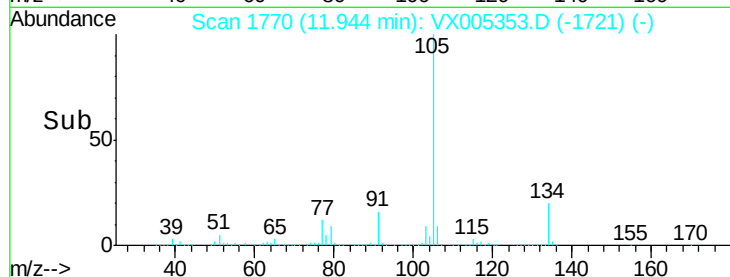
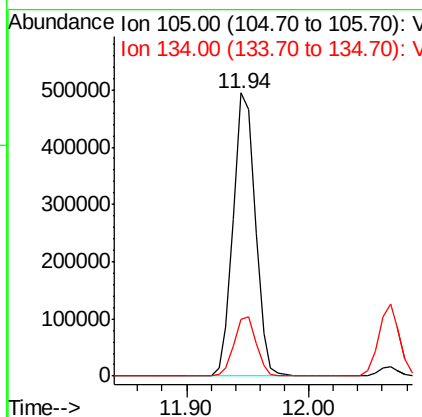
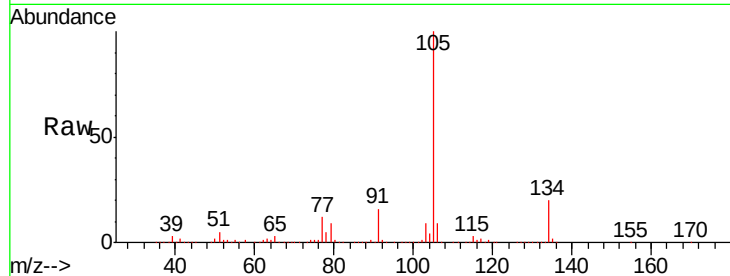
#85
 sec-Butylbenzene
 Concen: 52.86 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.5	31.5

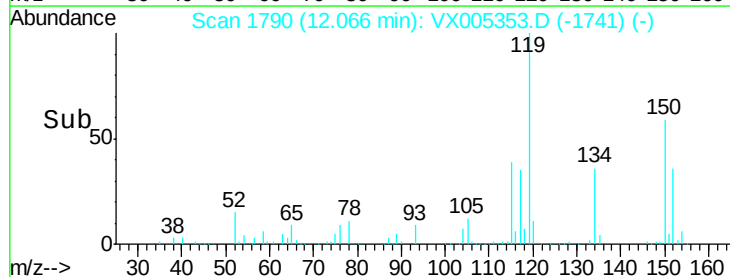
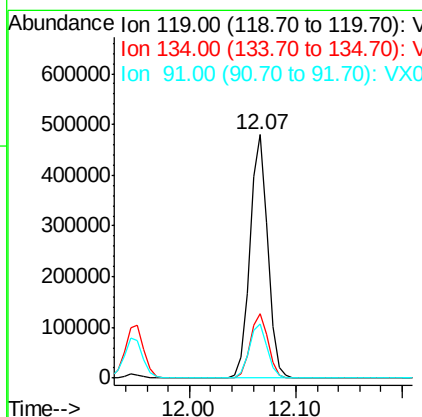
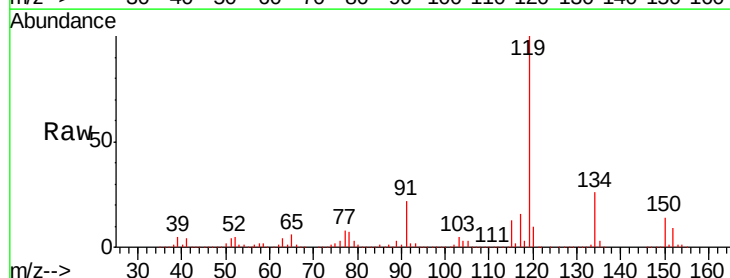
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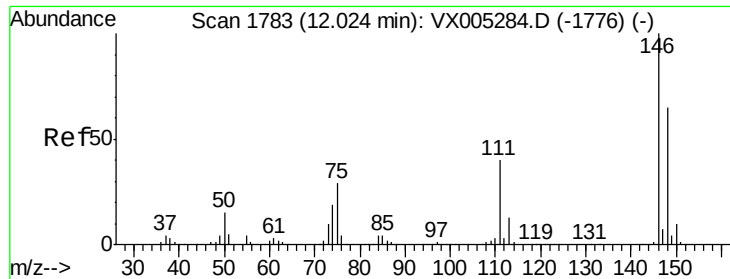
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#86
 p-Isopropyltoluene
 Concen: 53.06 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.2
91	22.8	10.9	32.7





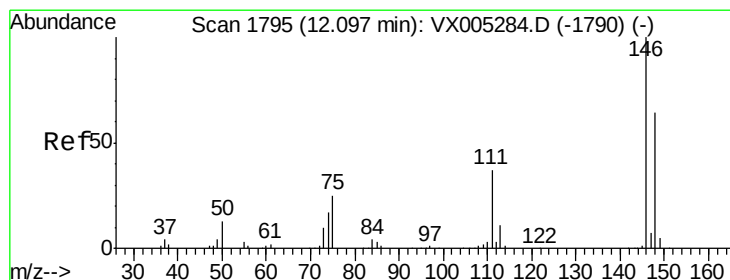
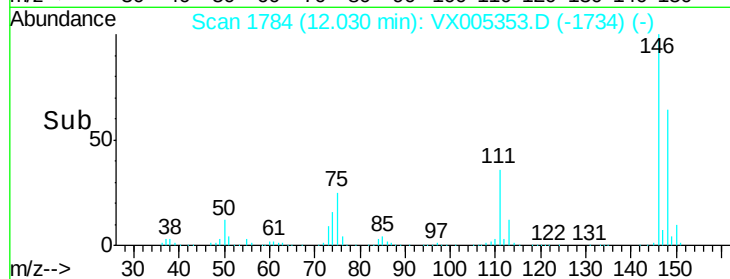
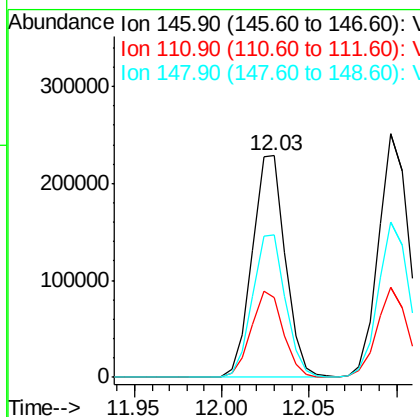
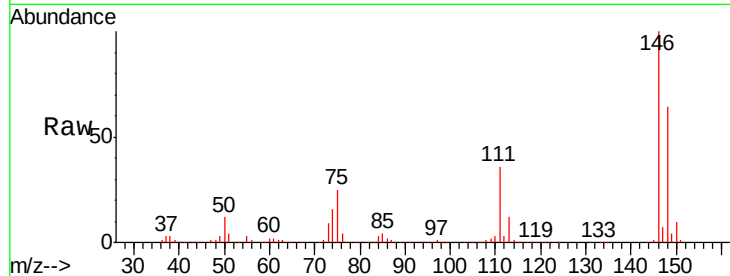
#87
 1,3-Dichlorobenzene
 Concen: 49.74 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	64.3	32.1	96.5

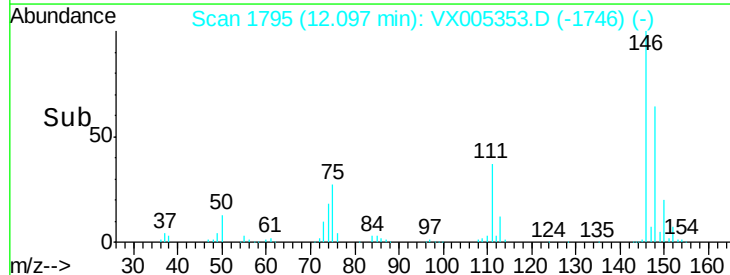
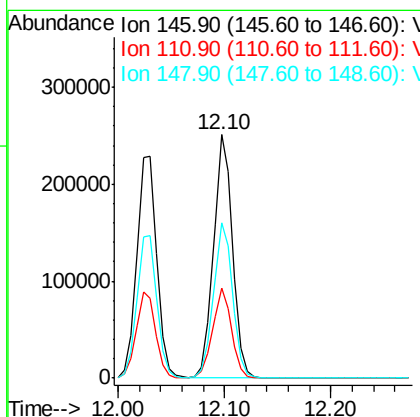
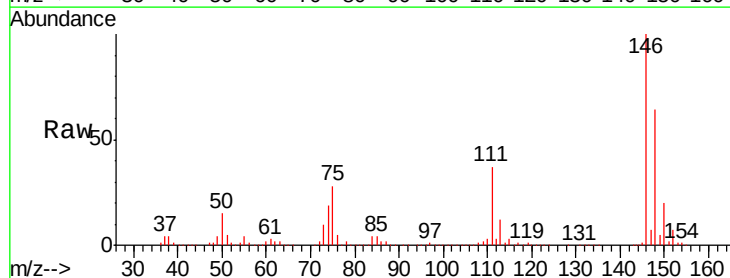
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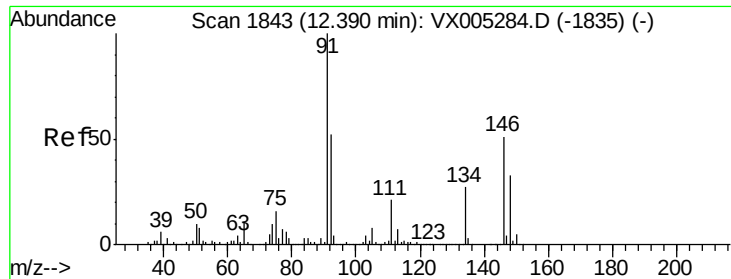
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#88
 1,4-Dichlorobenzene
 Concen: 49.47 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	64.3	32.0	96.0





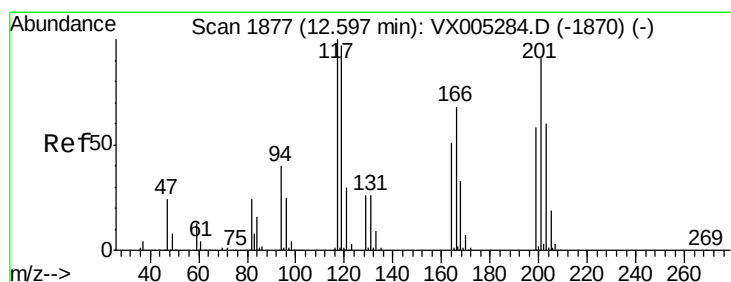
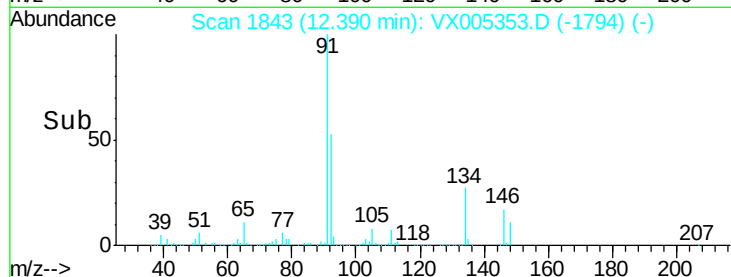
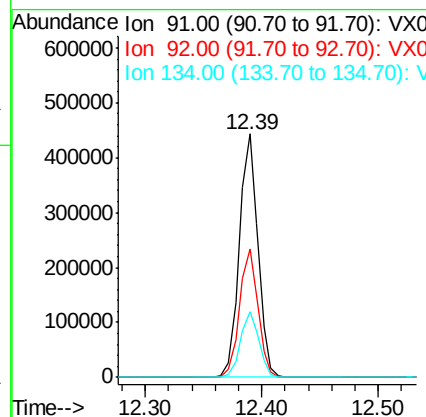
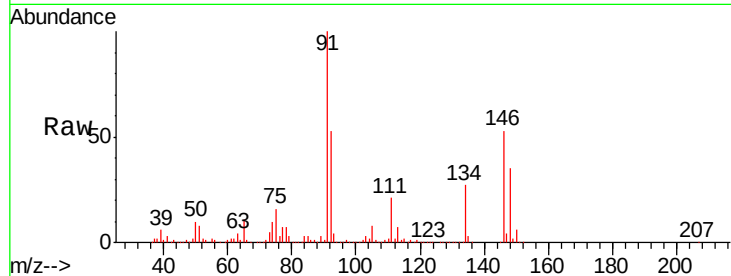
#89
n-Butylbenzene
Concen: 51.61 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	27.3	81.9
134	26.9	13.6	40.7

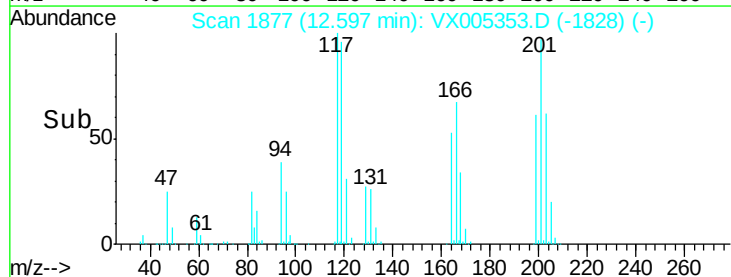
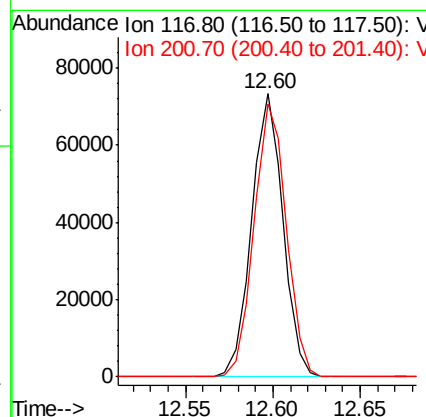
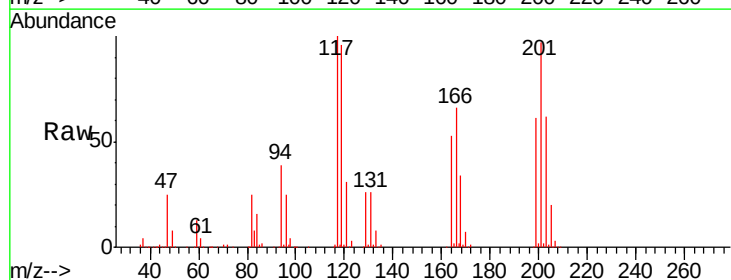
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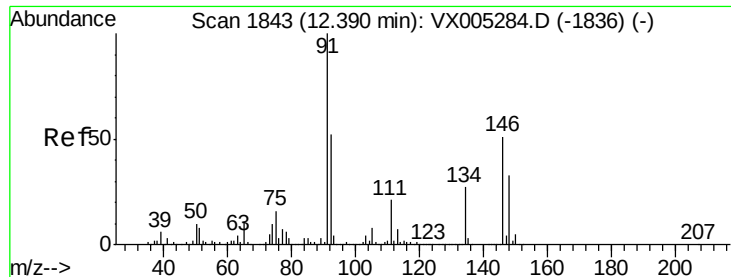
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#90
Hexachloroethane
Concen: 50.05 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.7	46.9	140.6





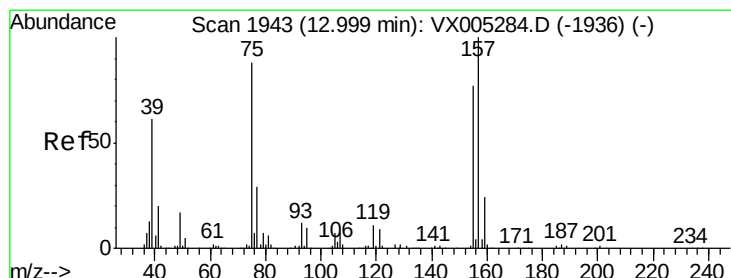
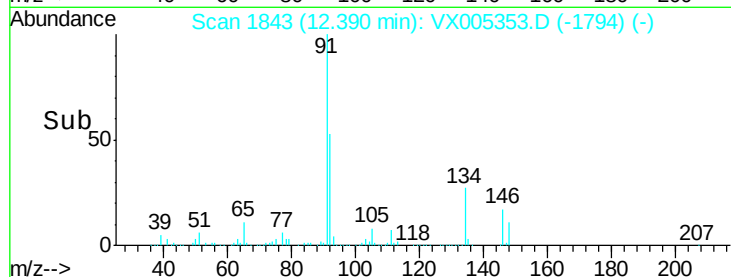
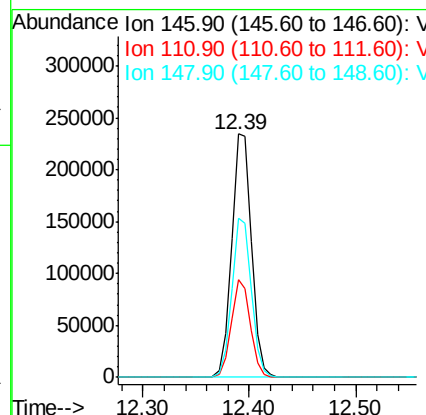
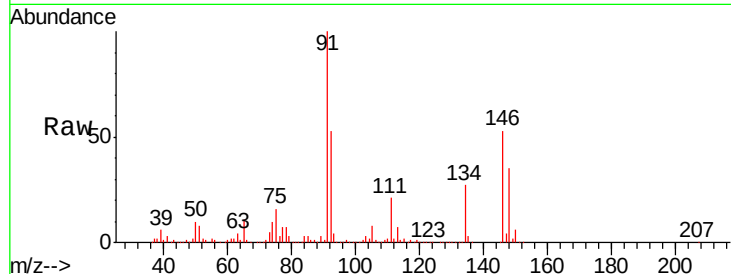
#91
 1,2-Dichlorobenzene
 Concen: 49.38 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	64.5	32.8	98.3

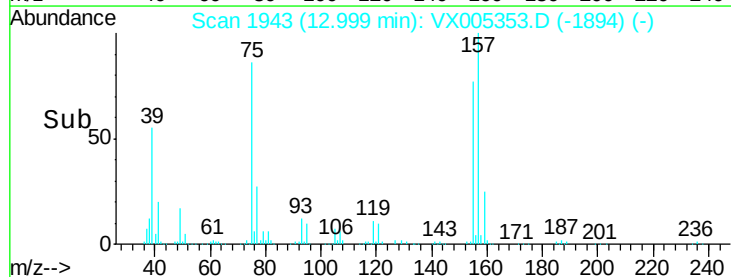
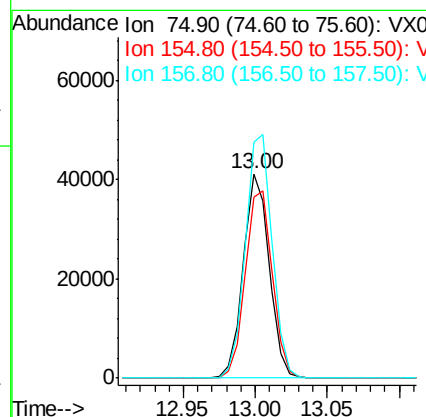
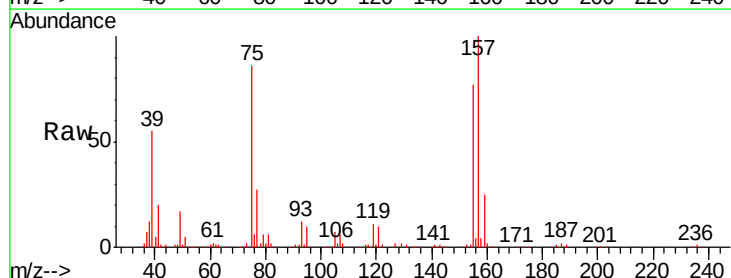
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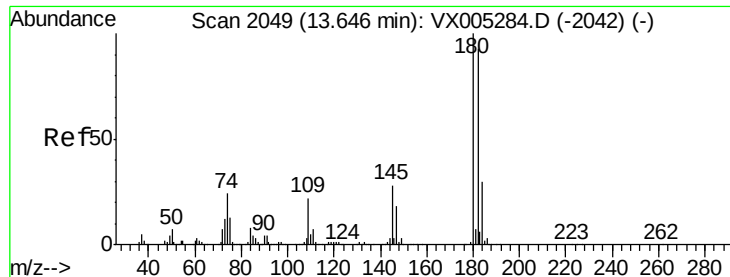
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 10/16/2018 2:23:30 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.26 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	48.0	144.2
157	122.2	61.4	184.1





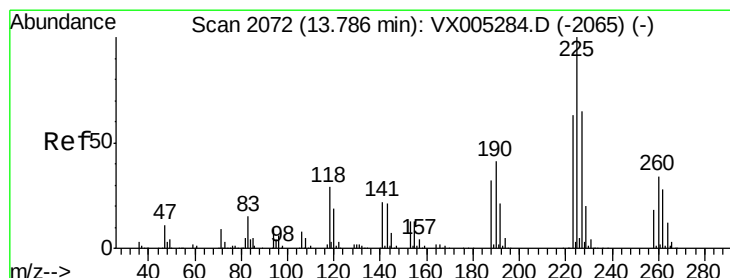
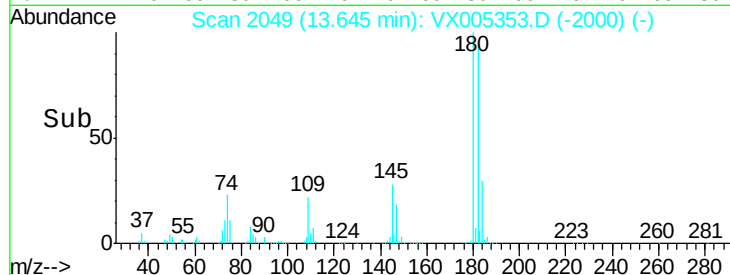
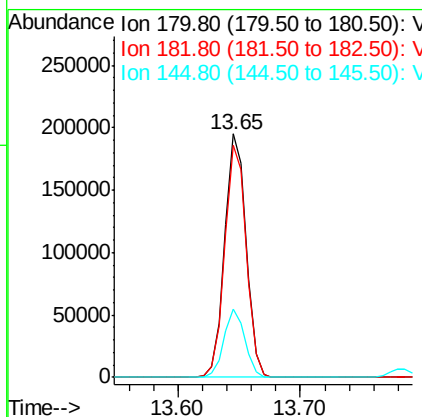
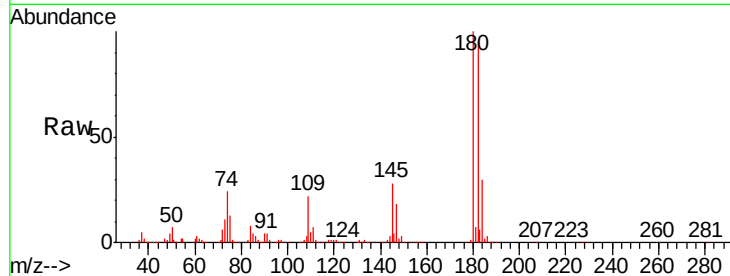
#93
 1,2,4-Trichlorobenzene
 Concen: 51.78 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	235465		
182	95.9	48.4	145.0	
145	27.5	14.3	42.9	

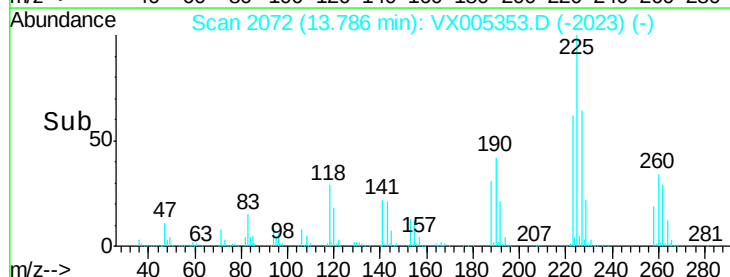
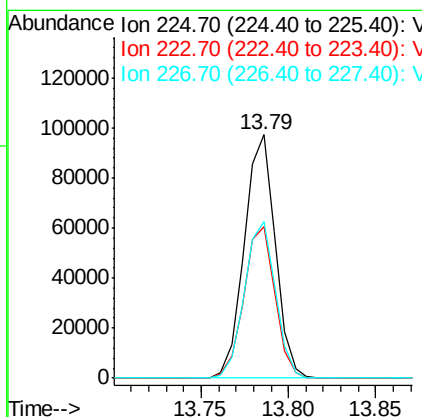
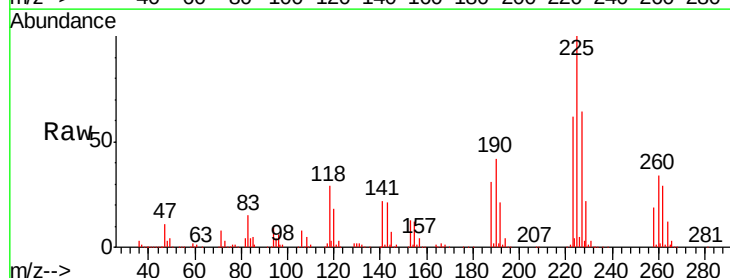
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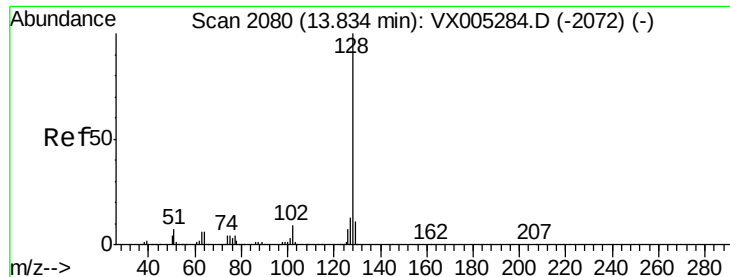
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 49.66 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005353.D
 Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	119279		
223	62.8	30.1	90.5	
227	64.6	30.8	92.4	





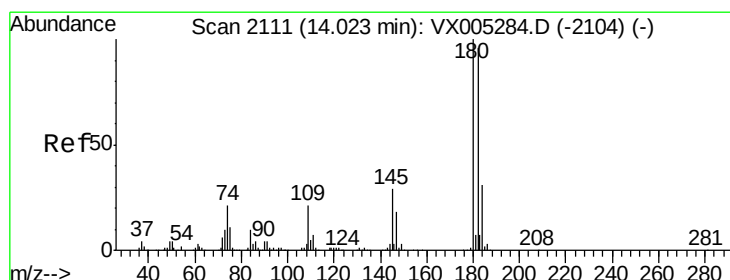
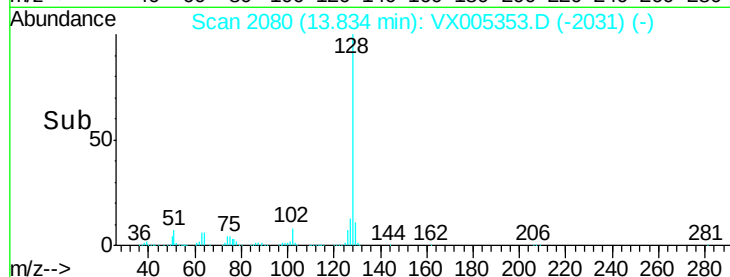
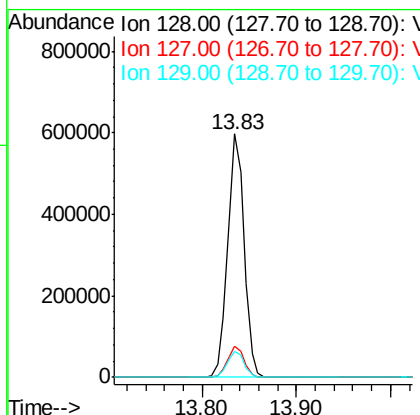
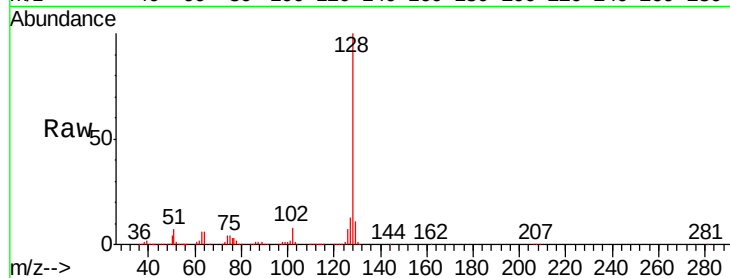
#95
Naphthalene
Concen: 54.90 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/16/2018 2:23:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.33 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005353.D
Acq: 15 Oct 2018 19:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.5	145.6
145	29.1	14.9	44.9

