

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
 Data File : VX005683.D
 Acq On : 30 Oct 2018 11:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 11:07:02 AM

Quant Time: Oct 30 16:00:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	233093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	347685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179227	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	118567	41.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.34%	
35) Dibromofluoromethane	5.50	113	96564	41.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.04%	
50) Toluene-d8	8.71	98	369415	43.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.34%	
62) 4-Bromofluorobenzene	11.14	95	142166	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	141159	61.35	ug/l	100
3) Chloromethane	1.32	50	147947	50.49	ug/l	99
4) Vinyl Chloride	1.40	62	152051	52.78	ug/l	99
5) Bromomethane	1.64	94	81959	45.72	ug/l	98
6) Chloroethane	1.71	64	89115	48.42	ug/l	99
7) Trichlorofluoromethane	1.92	101	208024	51.96	ug/l	98
8) Diethyl Ether	2.18	74	81097	50.76	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	121341	52.83	ug/l	99
10) Methyl Iodide	2.51	142	131088	54.39	ug/l	98
11) Tert butyl alcohol	3.07	59	186113	243.07	ug/l	99
12) 1,1-Dichloroethene	2.37	96	111857	51.12	ug/l	99
13) Acrolein	2.29	56	80614	206.40	ug/l	100
14) Allyl chloride	2.73	41	243218	49.81	ug/l	98
15) Acrylonitrile	3.15	53	410563	239.13	ug/l	100
16) Acetone	2.44	43	417666	277.79	ug/l	99
17) Carbon Disulfide	2.57	76	332957	49.92	ug/l	100
18) Methyl Acetate	2.78	43	198234	53.47	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	398445	51.05	ug/l	99
20) Methylene Chloride	2.85	84	124070	49.27	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	119362	49.96	ug/l	96
22) Diisopropyl ether	3.87	45	440524	51.66	ug/l	# 97
23) Vinyl Acetate	3.82	43	1979156	263.52	ug/l	99
24) 1,1-Dichloroethane	3.70	63	231224	49.87	ug/l	100
25) 2-Butanone	4.70	43	570068	248.99	ug/l	99
26) 2,2-Dichloropropane	4.58	77	179595	50.17	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	126068	48.95	ug/l	99
28) Bromochloromethane	5.01	49	93762	41.81	ug/l	96
29) Tetrahydrofuran	5.15	42	352957	236.88	ug/l	99
30) Chloroform	5.21	83	211121	48.68	ug/l	96
31) Cyclohexane	5.57	56	198534	51.75	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	187932	49.10	ug/l	98
36) 1,1-Dichloropropene	5.80	75	167340	49.59	ug/l	98
37) Ethyl Acetate	4.85	43	201215	46.73	ug/l	100
38) Carbon Tetrachloride	5.78	117	167486	47.13	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	197843	53.10	ug/l	99
40) Benzene	6.14	78	483892	50.03	ug/l	91
41) Methacrylonitrile	5.06	41	110514	46.08	ug/l	98
42) 1,2-Dichloroethane	6.20	62	175206	47.68	ug/l	100
43) Isopropyl Acetate	6.46	43	308006	47.74	ug/l	96
44) Trichloroethene	7.21	130	132545	50.30	ug/l	97
45) 1,2-Dichloropropane	7.51	63	132310	50.88	ug/l	98
46) Dibromomethane	7.66	93	84040	50.04	ug/l	99
47) Bromodichloromethane	7.90	83	161137	49.43	ug/l	98
48) Methyl methacrylate	7.77	41	160084	50.93	ug/l	99
49) 1,4-Dioxane	7.75	88	67451	981.96	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1068928	246.51	ug/l	99
52) Toluene	8.78	92	300294	51.08	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	185329	52.61	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	199435	52.58	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	121492	49.02	ug/l	98
56) Ethyl methacrylate	9.18	69	195808	52.97	ug/l	97
57) 1,3-Dichloropropane	9.37	76	205858	49.09	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	569779	275.97	ug/l	100
59) 2-Hexanone	9.49	43	872437	255.18	ug/l	99
60) Dibromochloromethane	9.59	129	131118	50.71	ug/l	99
61) 1,2-Dibromoethane	9.67	107	129007	50.32	ug/l	100
64) Tetrachloroethene	9.34	164	138499	54.32	ug/l	97
65) Chlorobenzene	10.14	112	339466	51.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	125970	52.83	ug/l	99
67) Ethyl Benzene	10.25	91	588775	54.72	ug/l	100
68) m/p-Xylenes	10.36	106	460108	110.22	ug/l	99
69) o-Xylene	10.70	106	217893	55.48	ug/l	100
70) Styrene	10.71	104	370691	56.38	ug/l	100
71) Bromoform	10.86	173	112862	53.04	ug/l	98
73) Isopropylbenzene	11.02	105	605451	55.26	ug/l	99
74) N-amyl acetate	10.90	43	289071	53.25	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	201107	49.76	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	194058m	51.10	ug/l	
77) Bromobenzene	11.26	156	161150	52.78	ug/l	98
78) n-propylbenzene	11.36	91	704956	56.27	ug/l	100
79) 2-Chlorotoluene	11.42	91	413454	53.23	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	517093	55.17	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62133	53.46	ug/l	96
82) 4-Chlorotoluene	11.51	91	492568	53.78	ug/l	99
83) tert-Butylbenzene	11.77	119	514058	55.03	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	536541	56.49	ug/l	100
85) sec-Butylbenzene	11.94	105	623319	55.92	ug/l	100
86) p-Isopropyltoluene	12.07	119	568269	57.02	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	304238	52.99	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	306492	51.14	ug/l	99
89) n-Butylbenzene	12.39	91	511828	56.89	ug/l	99
90) Hexachloroethane	12.60	117	92467	53.80	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	302420	52.06	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48506	49.63	ug/l	96

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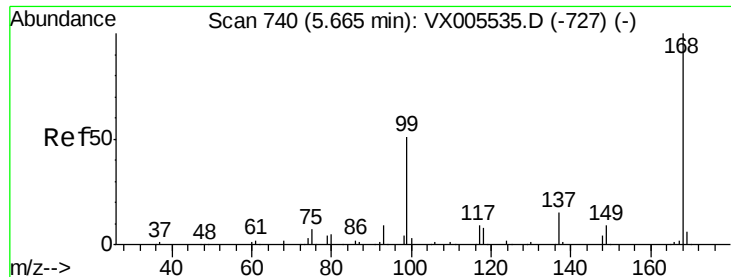
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	232854	55.30	ug/l	100
94) Hexachlorobutadiene	13.79	225	117510	53.85	ug/l	99
95) Naphthalene	13.83	128	688329	56.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	232620	54.50	ug/l	100

(#) = 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: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 233093

Ion Ratio Lower Upper

168 100

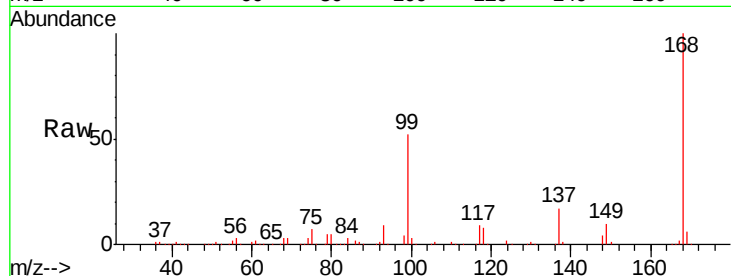
99 51.5 40.7 61.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

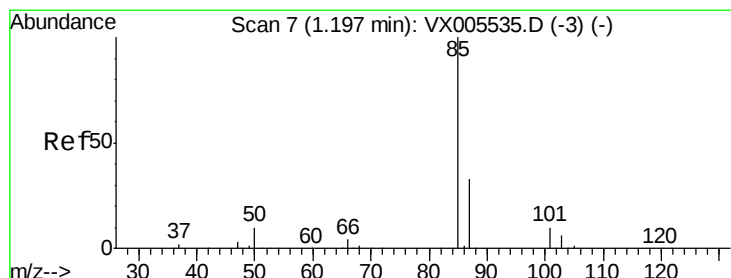
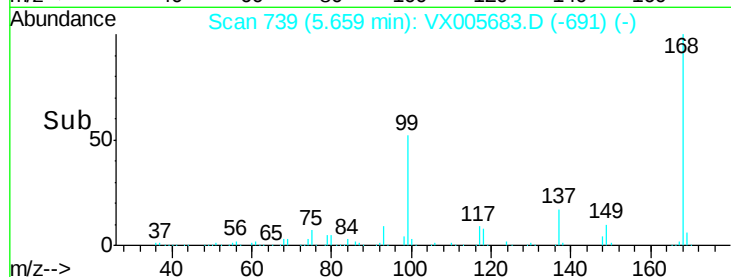
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 61.35 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005683.D

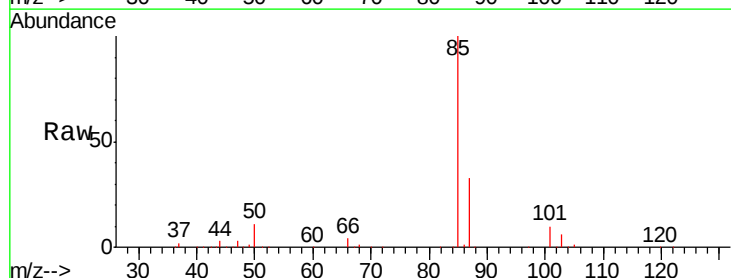
Acq: 30 Oct 2018 11:03

Tgt Ion: 85 Resp: 141159

Ion Ratio Lower Upper

85 100

87 32.7 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

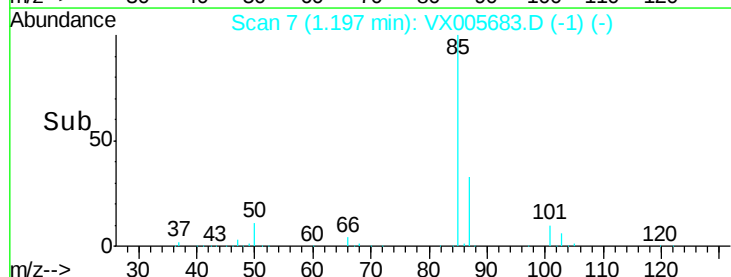
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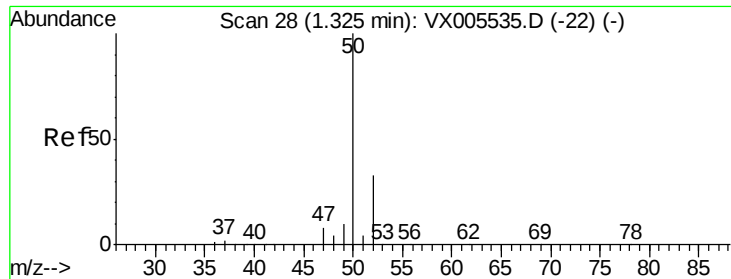
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.49 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 147947

Ion Ratio Lower Upper

50 100

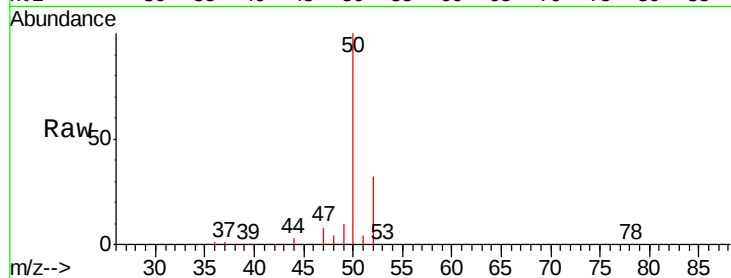
52 32.3 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

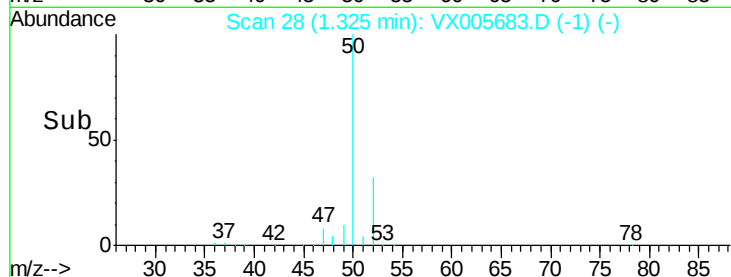
150000

100000

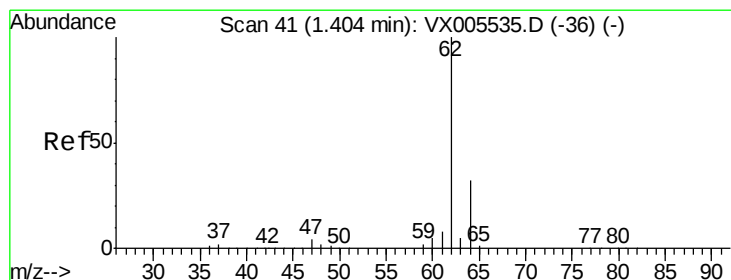
50000

0

Time-->



Time-->



#4

Vinyl Chloride

Concen: 52.78 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005683.D

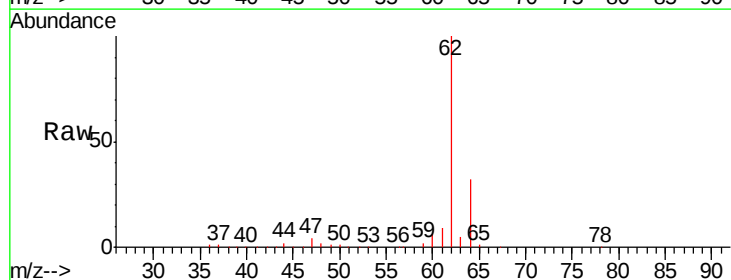
Acq: 30 Oct 2018 11:03

Tgt Ion: 62 Resp: 152051

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

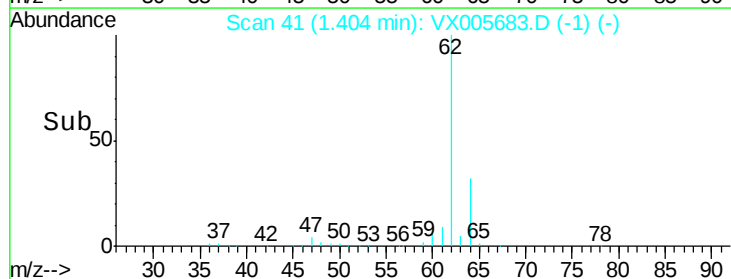
150000

100000

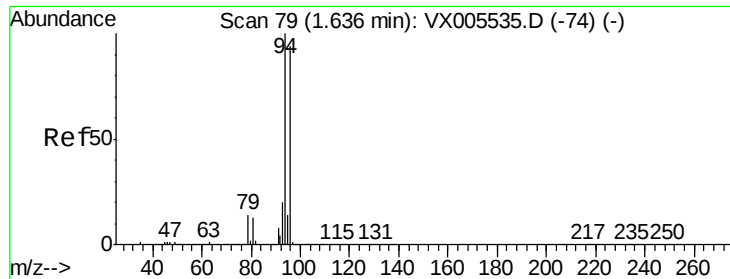
50000

0

Time-->



Time-->



#5

Bromomethane

Concen: 45.72 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 81959

Ion Ratio Lower Upper

94 100

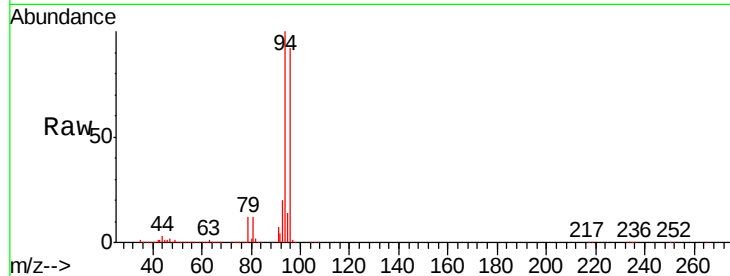
96 91.7 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

100000

80000

60000

40000

20000

0

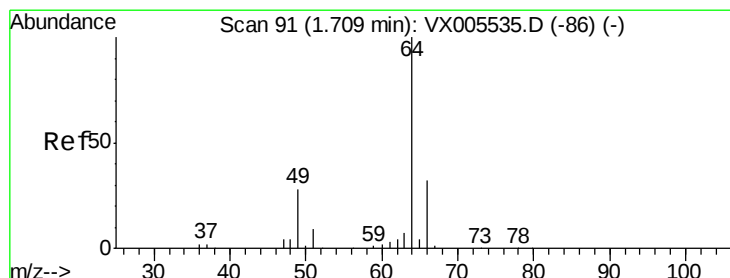
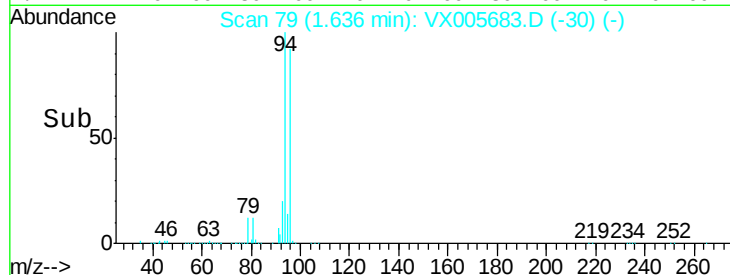
1.55

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 48.42 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005683.D

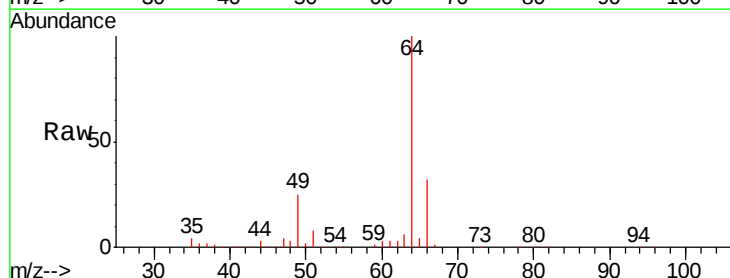
Acq: 30 Oct 2018 11:03

Tgt Ion: 64 Resp: 89115

Ion Ratio Lower Upper

64 100

66 31.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

60000

40000

20000

0

1.65

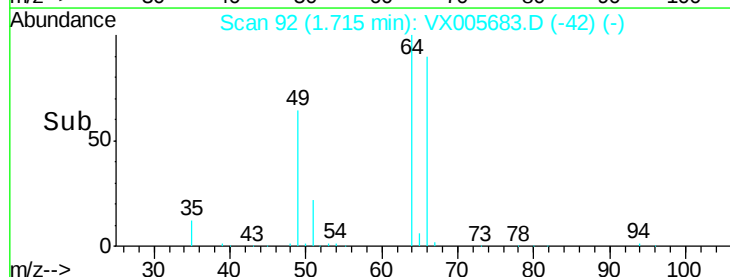
1.70

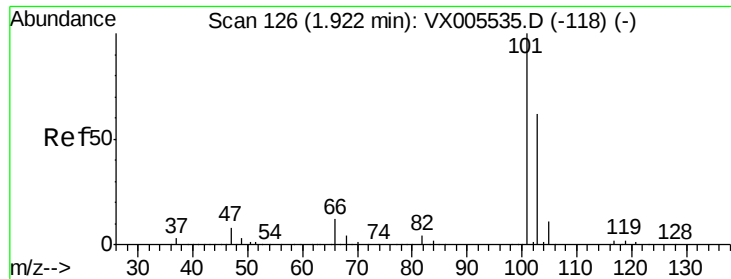
1.75

1.80

1.85

Time-->





#7

Trichlorofluoromethane

Concen: 51.96 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 101 Resp: 208024

Ion Ratio Lower Upper

101 100

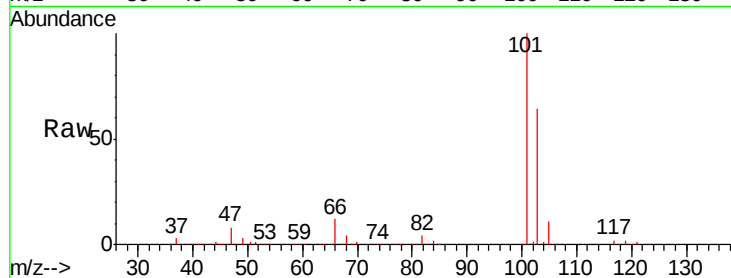
103 64.0 50.0 75.0

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

150000

100000

50000

0

1.92

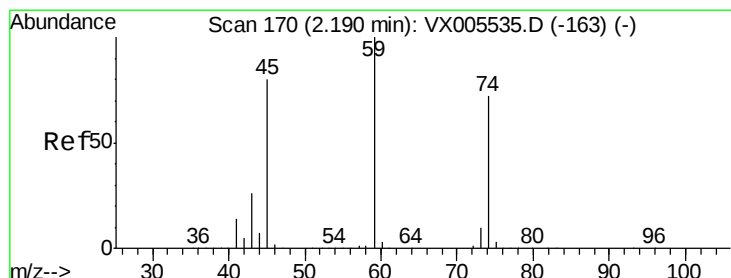
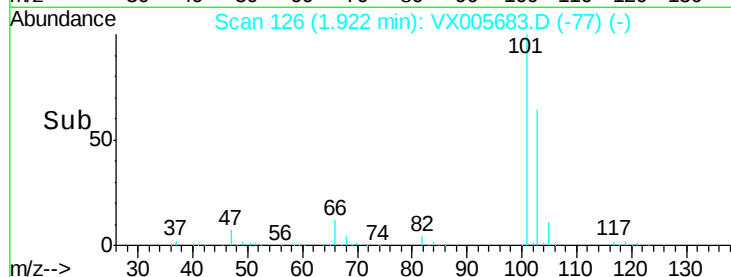
1.80

1.90

2.00

2.10

Time-->



#8

Diethyl Ether

Concen: 50.76 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX005683.D

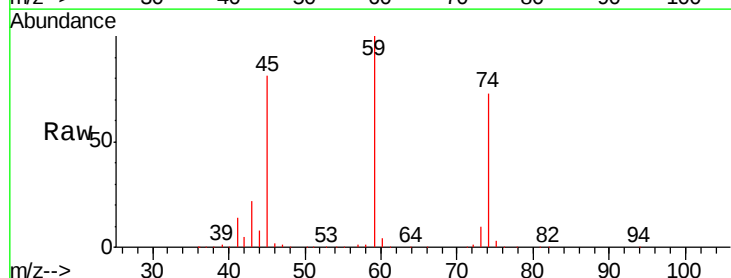
Acq: 30 Oct 2018 11:03

Tgt Ion: 74 Resp: 81097

Ion Ratio Lower Upper

74 100

45 107.1 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

60000

40000

20000

0

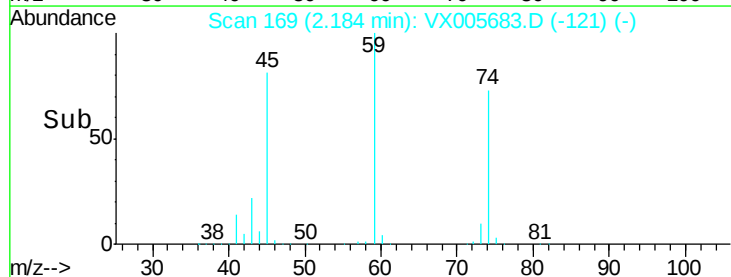
2.18

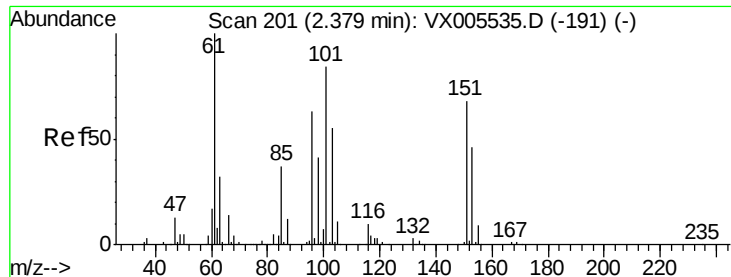
2.10

2.20

2.30

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.83 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

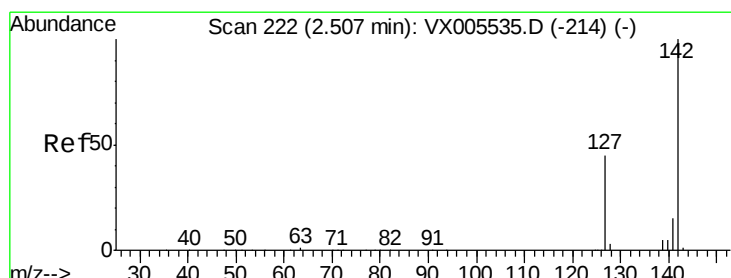
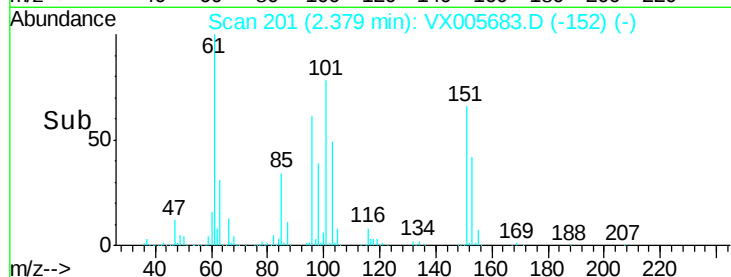
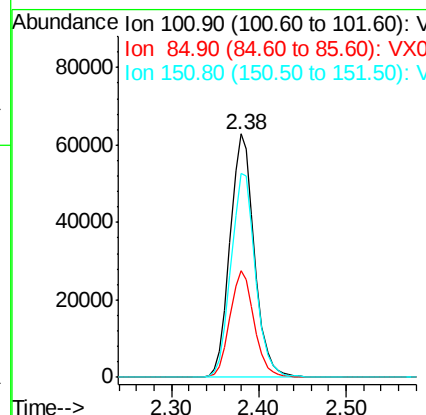
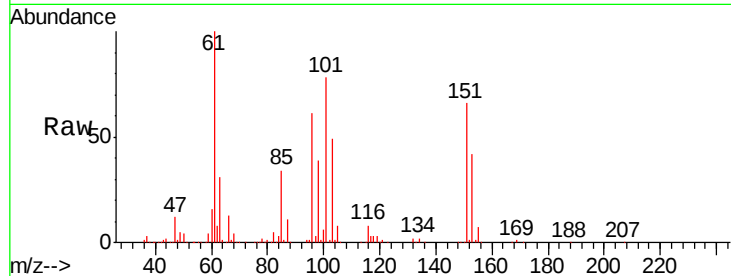
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	121341
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.0	52.4
151	84.6	66.2	99.2

Manual Integrations
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10/31/2018 11:07:02 AM



#10

Methyl Iodide

Concen: 54.39 ug/l

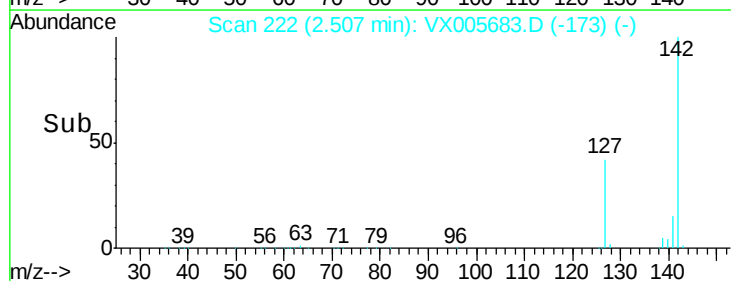
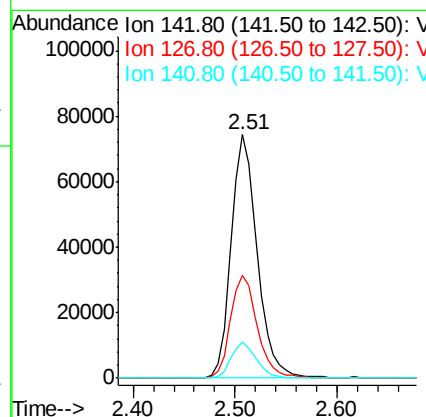
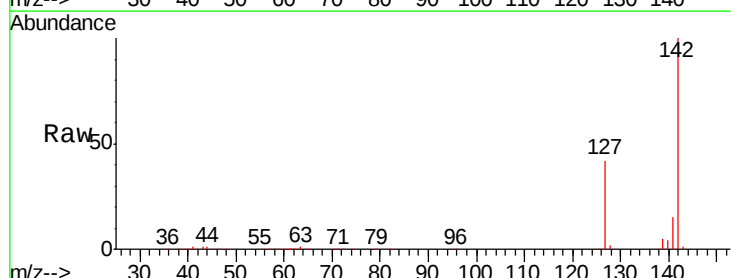
RT: 2.51 min Scan# 222

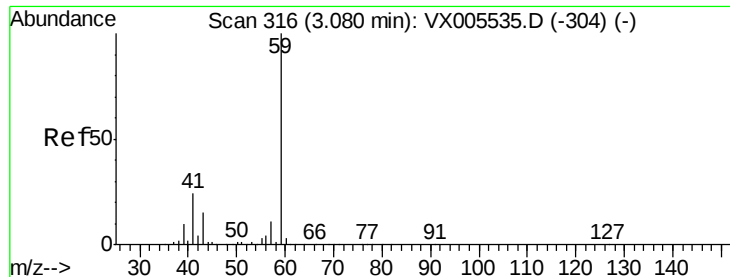
Delta R.T. 0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Tgt Ion:	142	Resp:	131088
Ion Ratio	Lower	Upper	
142	100		
127	43.3	36.0	54.0
141	14.7	11.7	17.5





#11

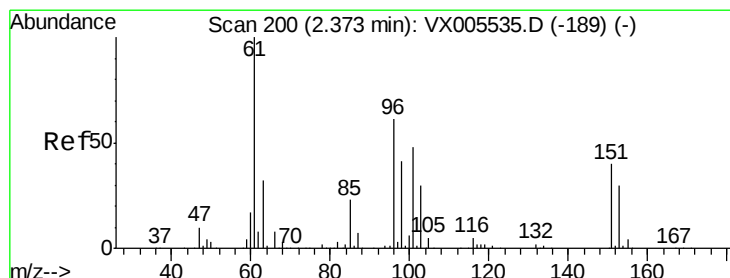
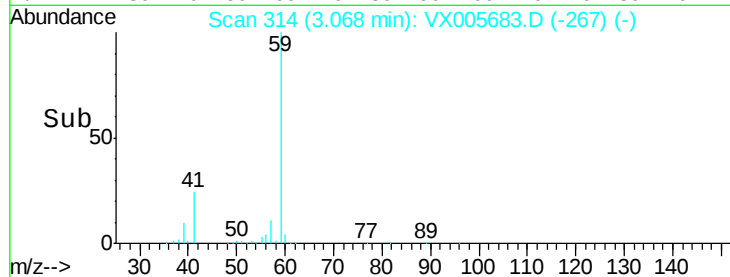
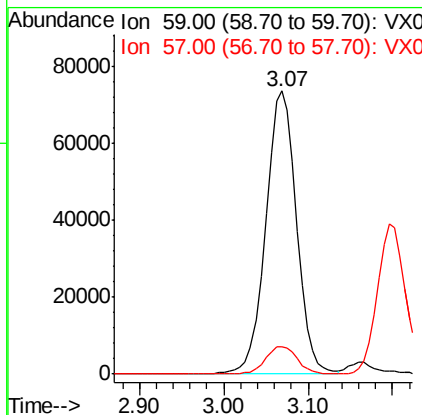
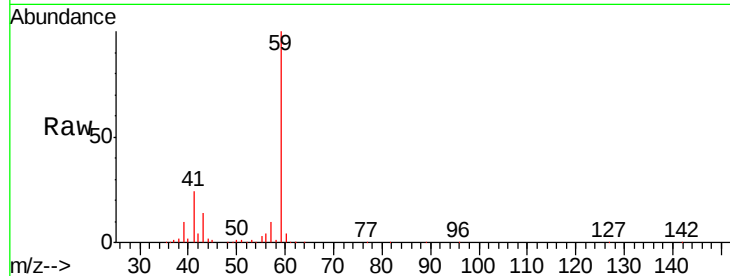
Tert butyl alcohol
Concen: 243.07 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 186113
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

Manual Integrations
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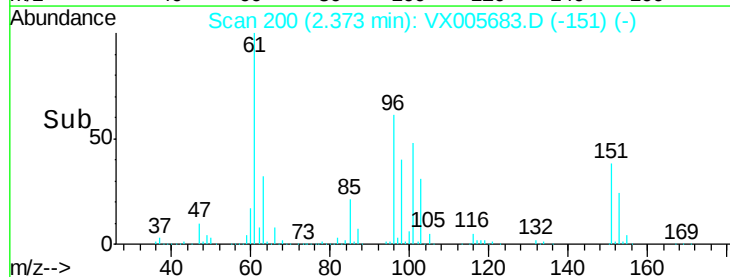
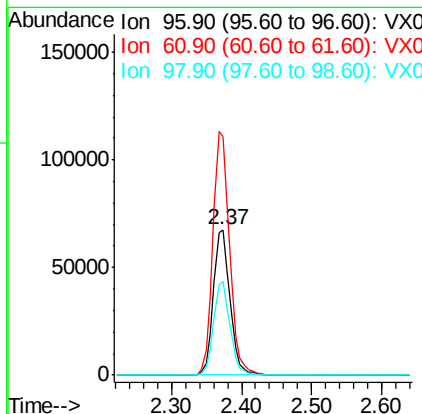
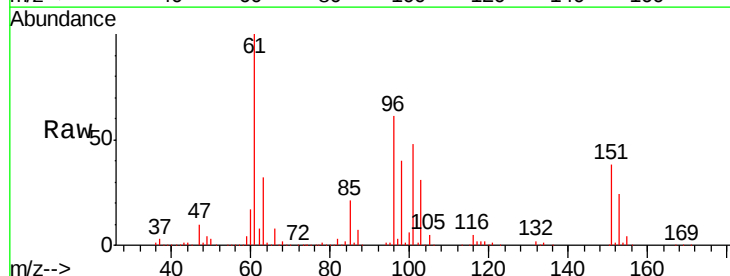
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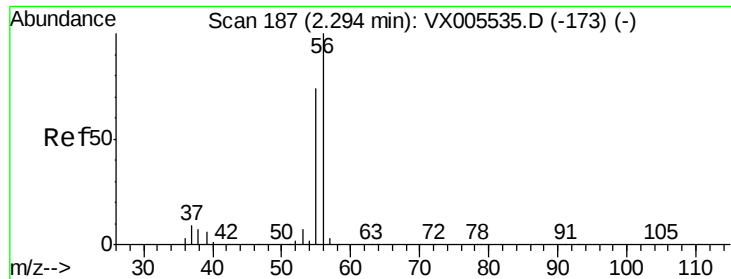


#12

1,1-Dichloroethene
Concen: 51.12 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion: 96 Resp: 111857
Ion Ratio Lower Upper
96 100
61 163.8 131.8 197.8
98 64.8 53.4 80.2





#13

Acrolein

Concen: 206.40 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 80614

Ion Ratio Lower Upper

56 100

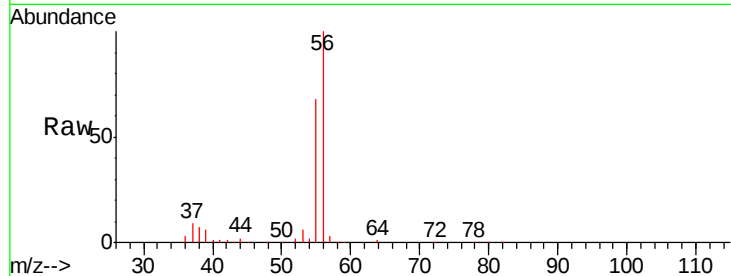
55 71.8 57.3 85.9

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

60000

50000

40000

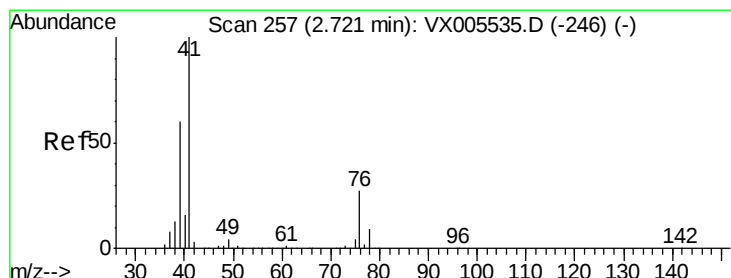
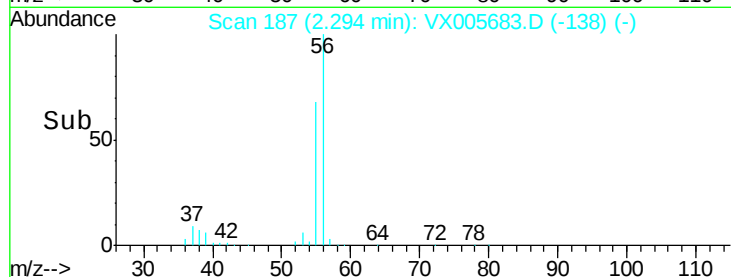
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 49.81 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

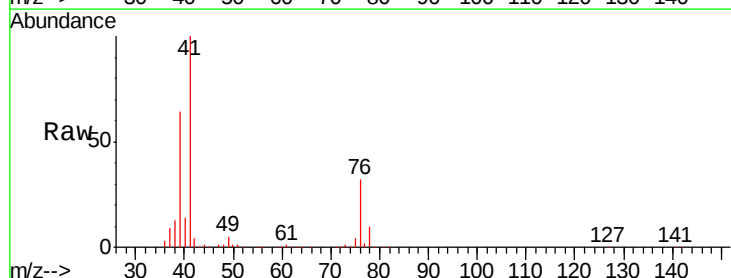
Tgt Ion: 41 Resp: 243218

Ion Ratio Lower Upper

41 100

39 59.5 48.2 72.4

76 29.0 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

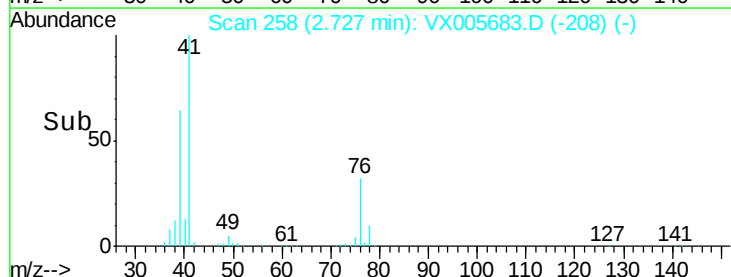
150000

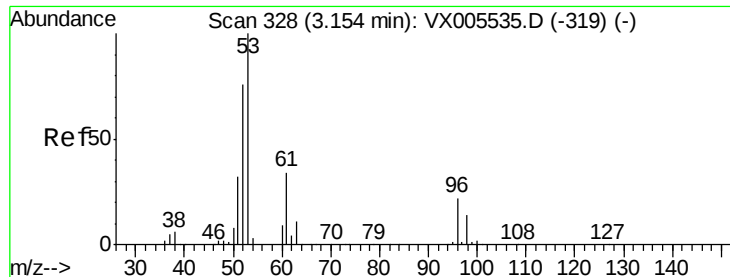
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 239.13 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

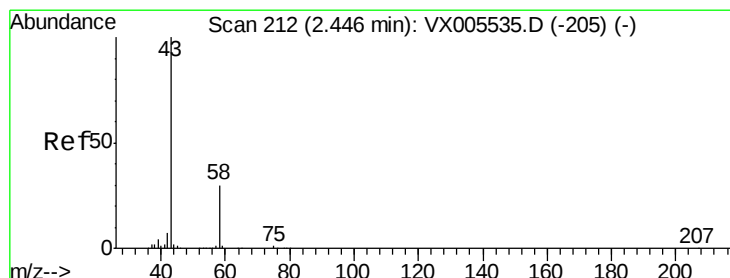
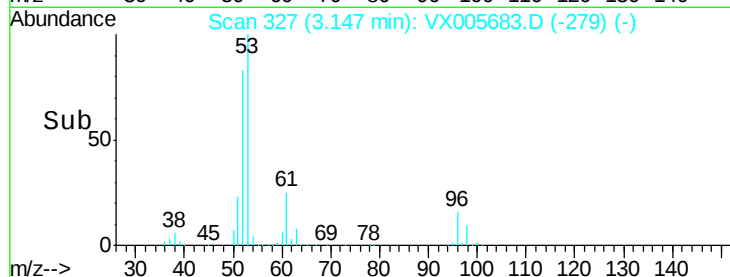
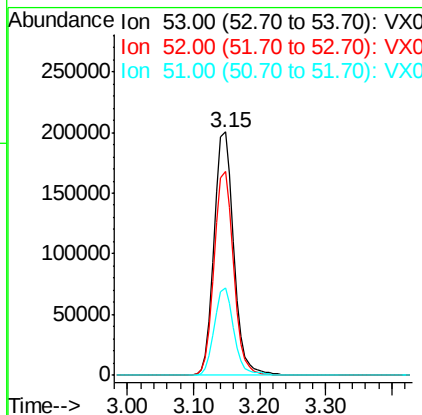
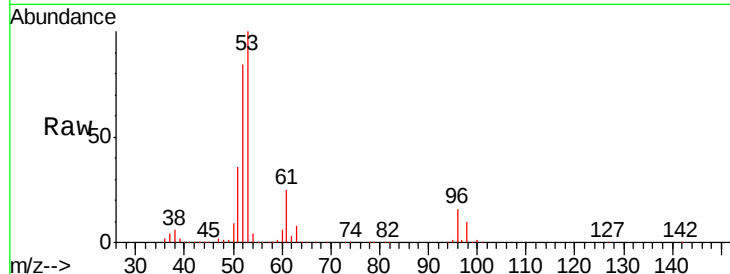
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	410563
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.6	99.8
51	35.9	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 277.79 ug/l

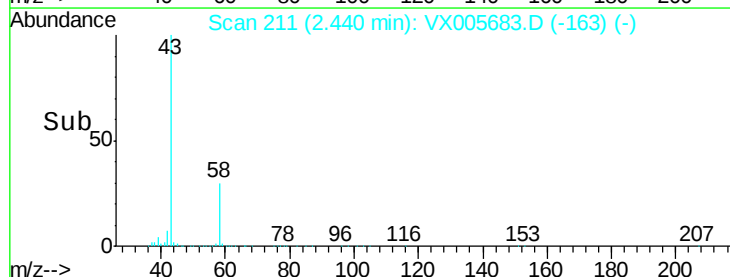
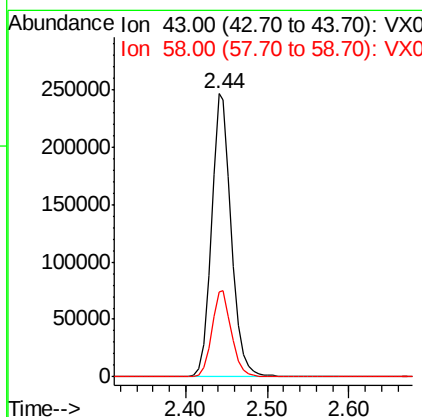
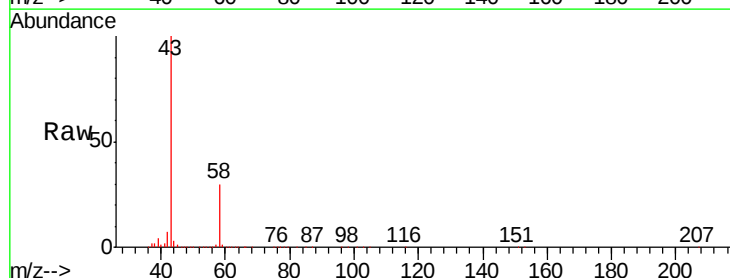
RT: 2.44 min Scan# 211

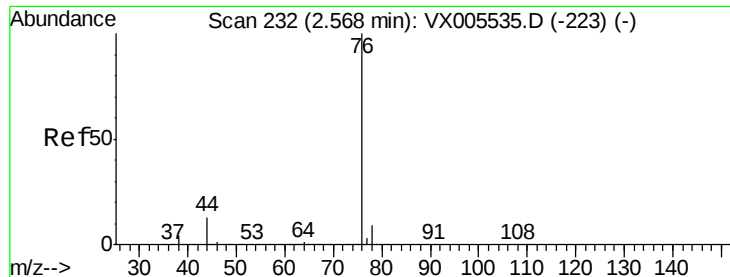
Delta R.T. -0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Tgt Ion:	43	Resp:	417666
Ion	Ratio	Lower	Upper
43	100		
58	30.2	23.8	35.6





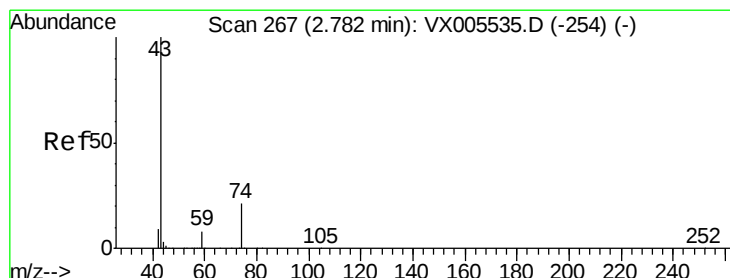
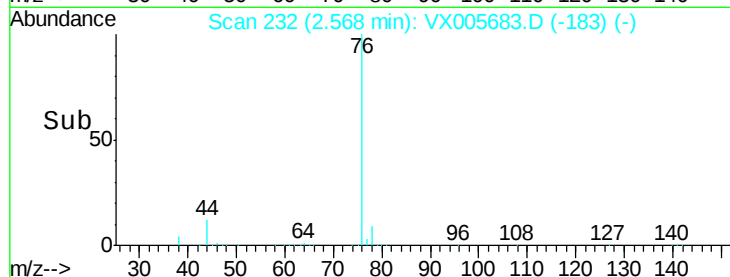
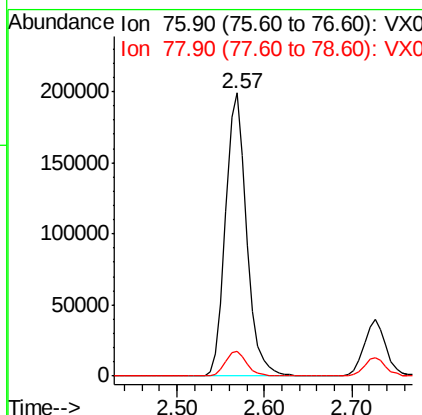
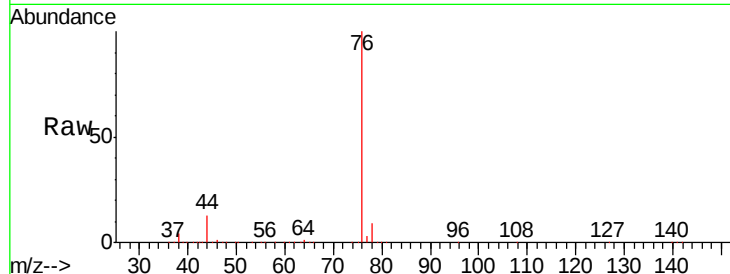
#17
Carbon Disulfide
Concen: 49.92 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

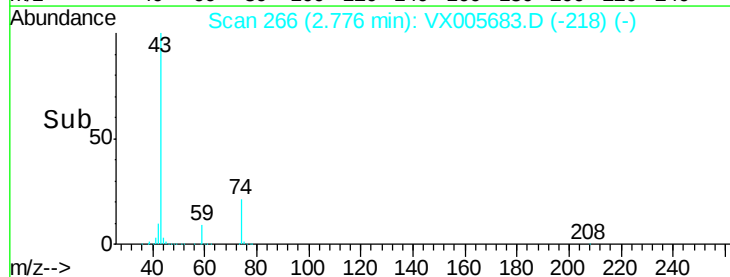
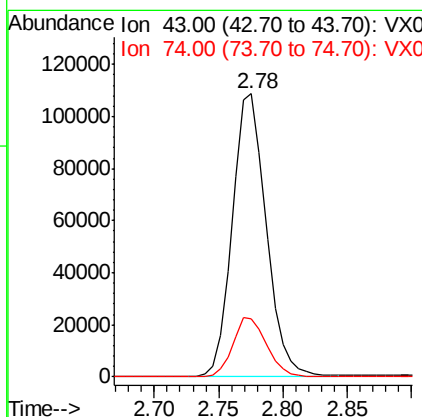
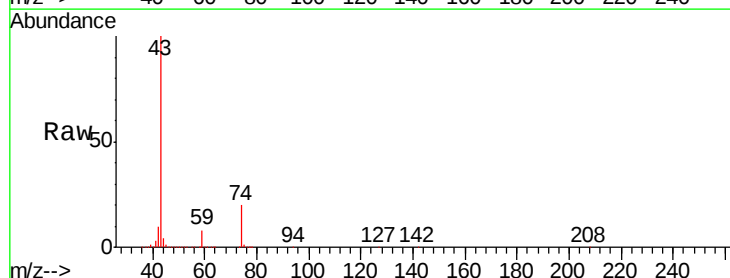
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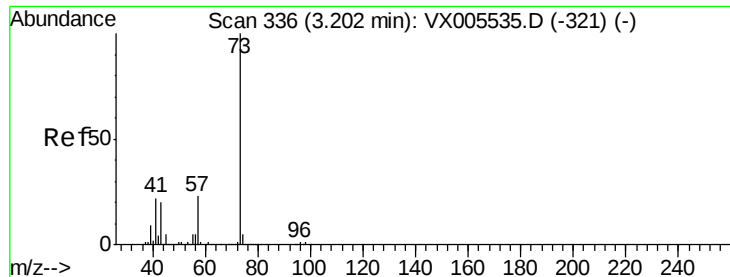
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#18
Methyl Acetate
Concen: 53.47 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	16.8	25.2





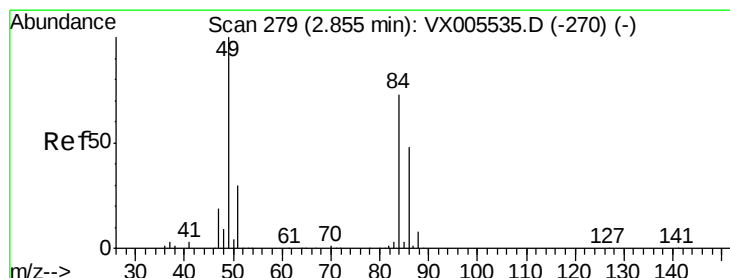
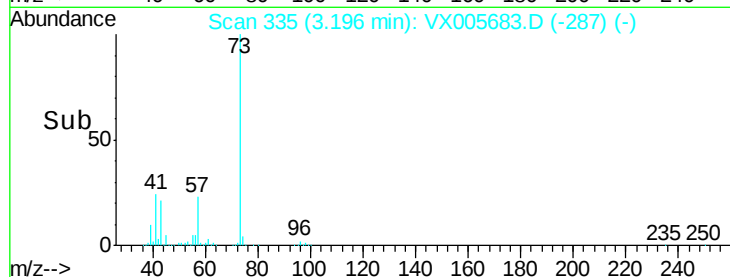
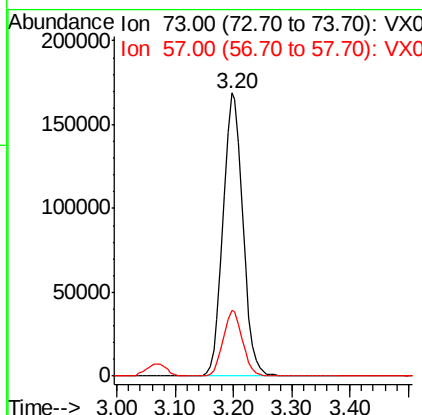
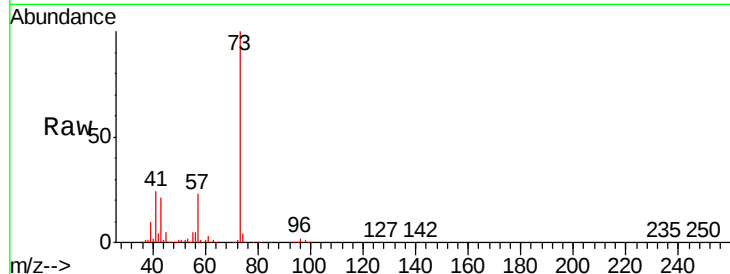
#19
Methyl tert-butyl Ether
Concen: 51.05 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 398445
Ion Ratio Lower Upper
73 100
57 23.2 18.8 28.2

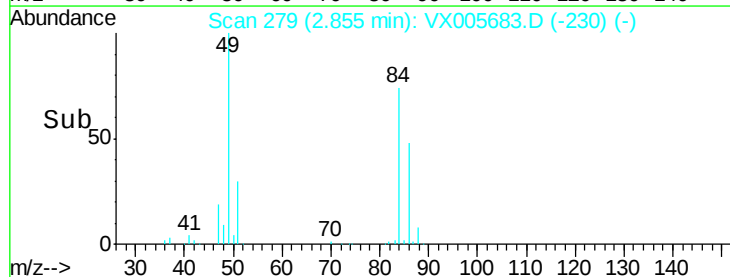
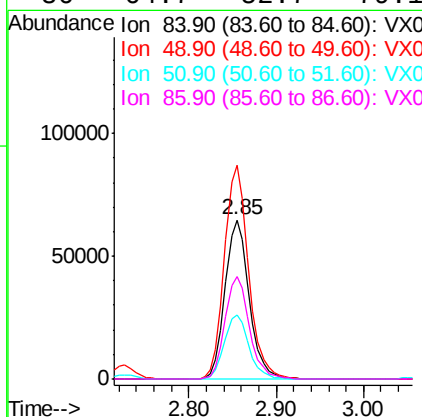
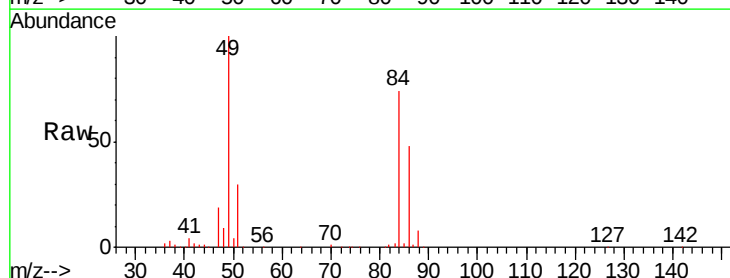
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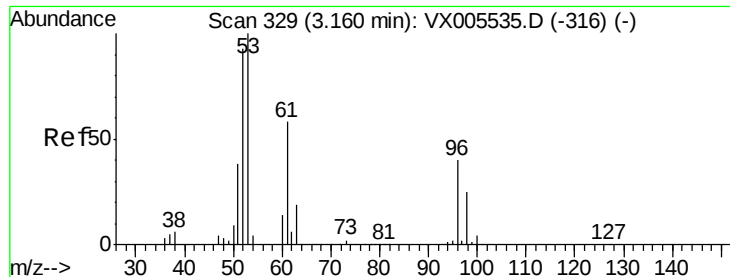
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#20
Methylene Chloride
Concen: 49.27 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion: 84 Resp: 124070
Ion Ratio Lower Upper
84 100
49 134.3 109.5 164.3
51 40.5 33.3 49.9
86 64.7 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 49.96 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 119362

Ion Ratio Lower Upper

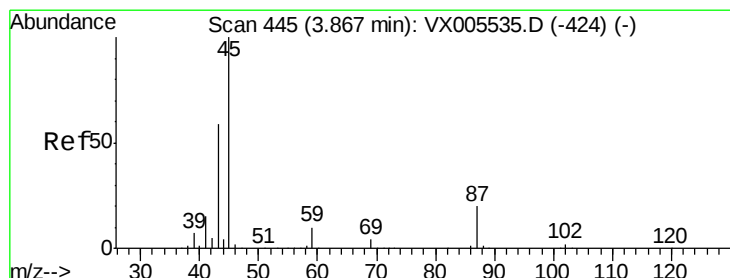
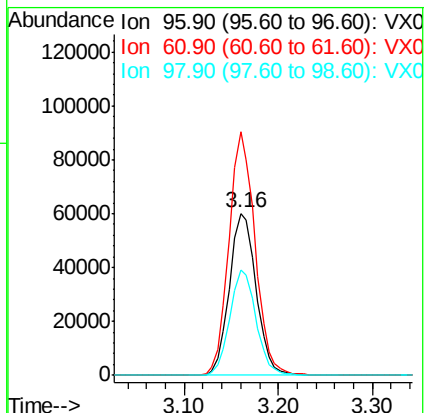
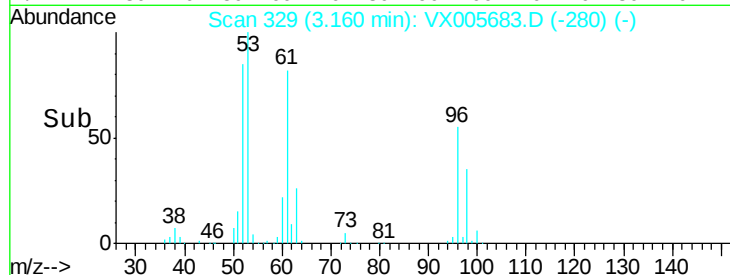
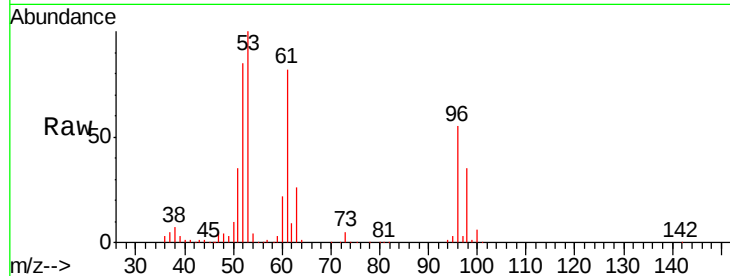
96 100

61 150.5 115.6 173.4

98 64.9 50.2 75.2

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#22

Diisopropyl ether

Concen: 51.66 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Tgt Ion: 45 Resp: 440524

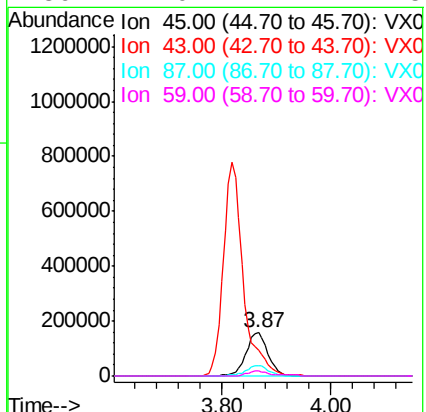
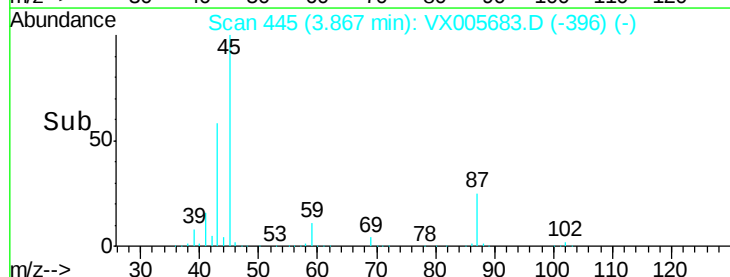
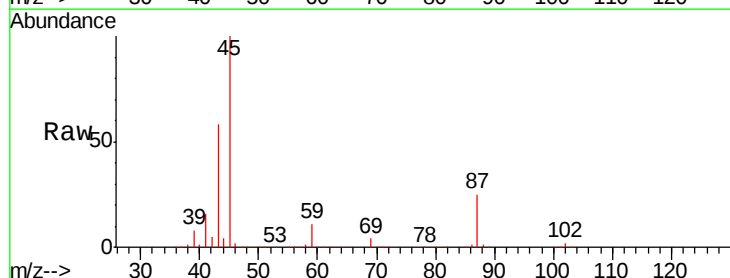
Ion Ratio Lower Upper

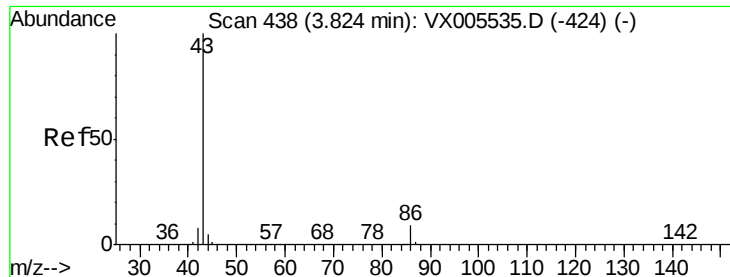
45 100

43 58.5 47.4 71.2

87 24.6 15.9 23.9#

59 11.0 7.7 11.5





#23

Vinyl Acetate

Concen: 263.52 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1979156

Ion Ratio Lower Upper

43 100

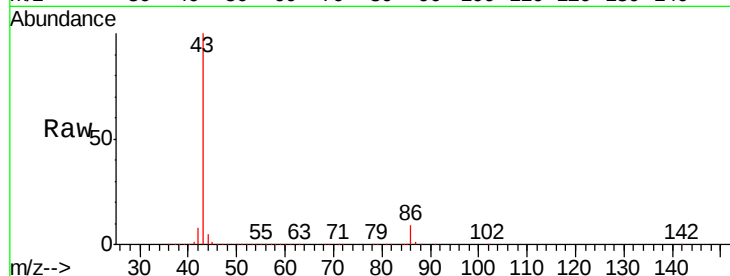
86 9.0 7.4 11.2

Manual Integrations

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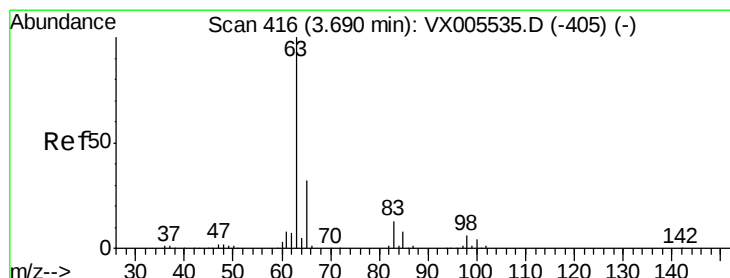
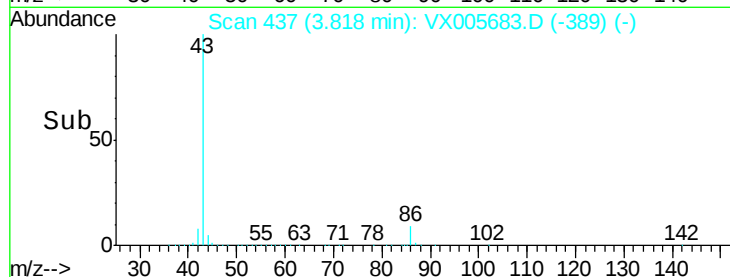
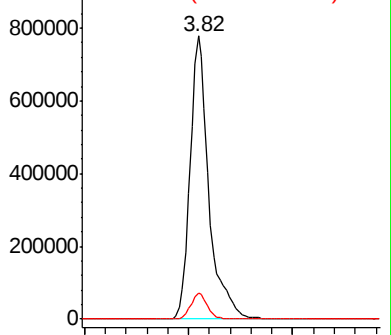
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.87 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

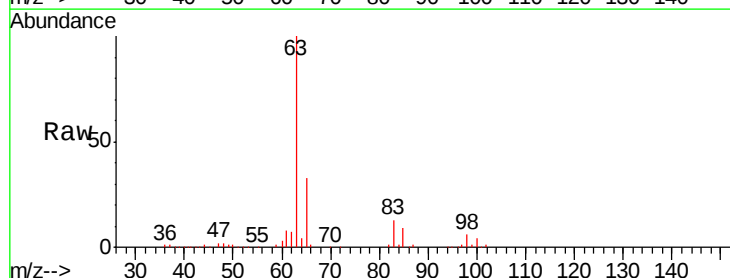
Tgt Ion: 63 Resp: 231224

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

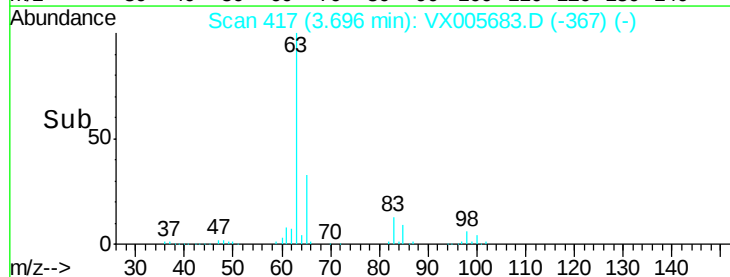
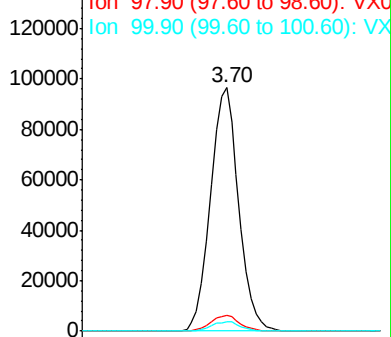
100 4.0 2.1 6.2

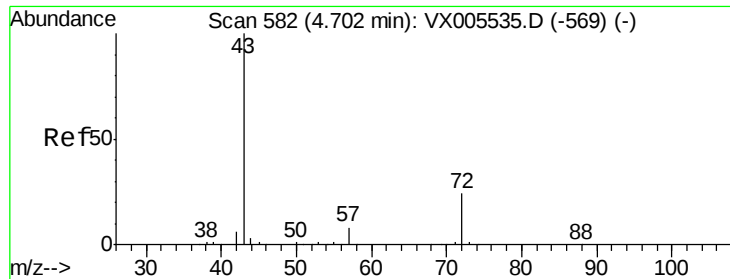


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 248.99 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 570068

Ion Ratio Lower Upper

43 100

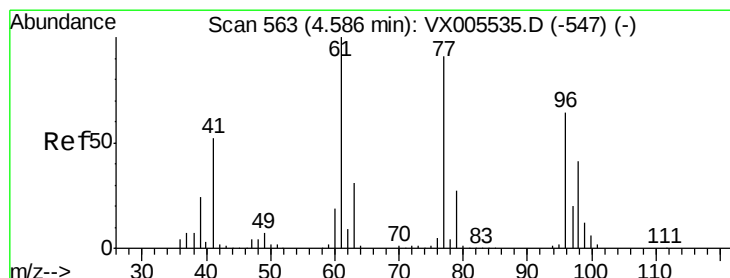
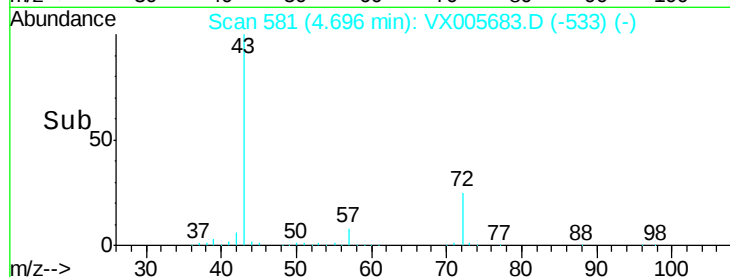
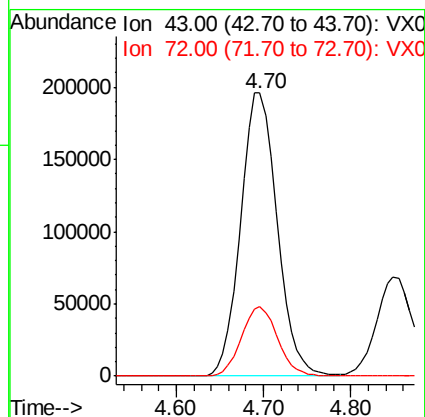
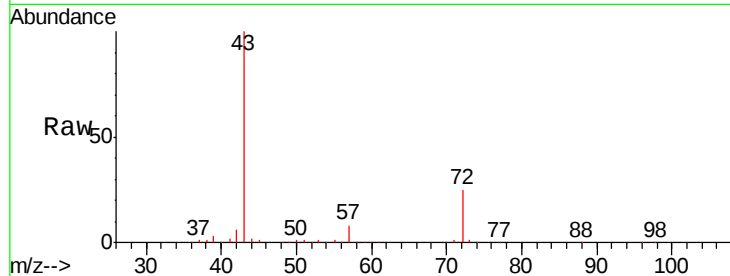
72 24.6 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.17 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005683.D

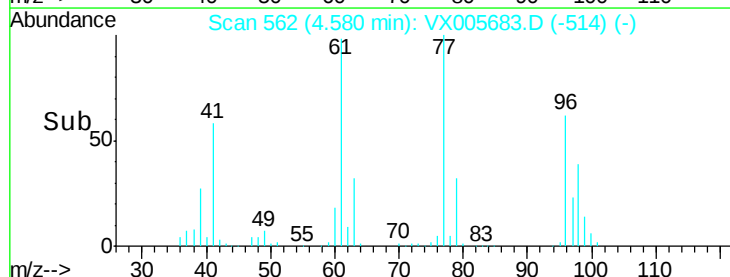
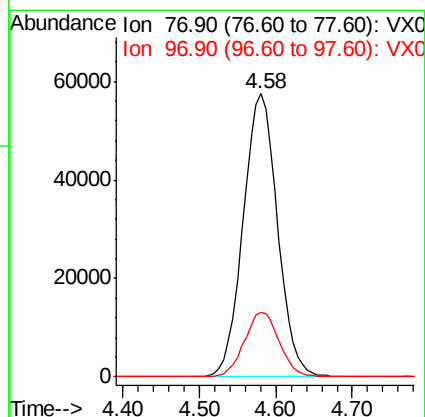
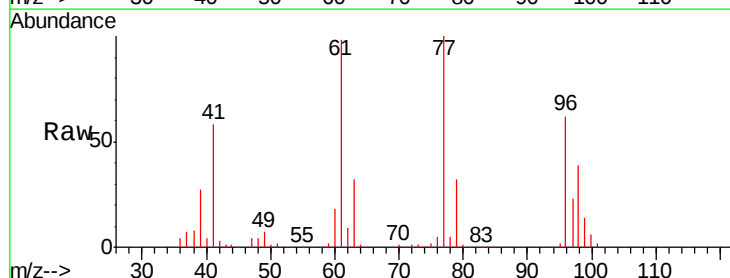
Acq: 30 Oct 2018 11:03

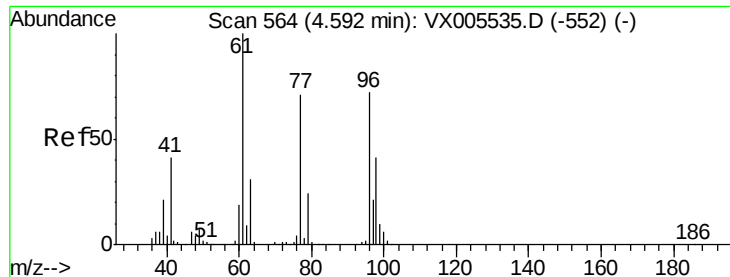
Tgt Ion: 77 Resp: 179595

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 48.95 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

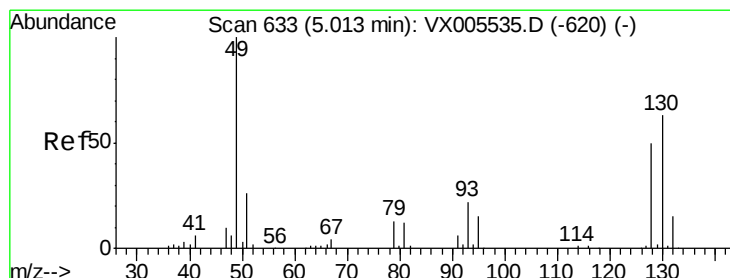
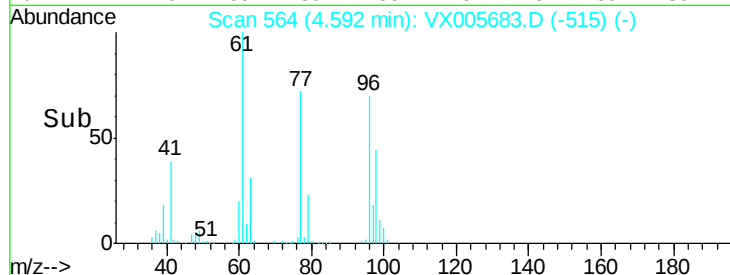
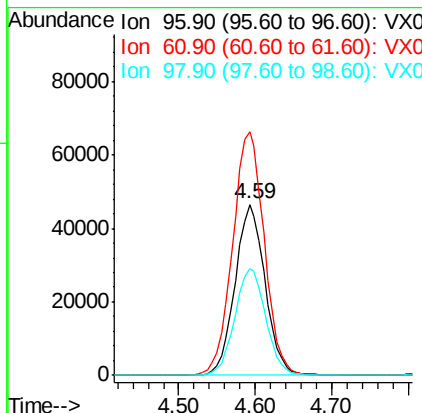
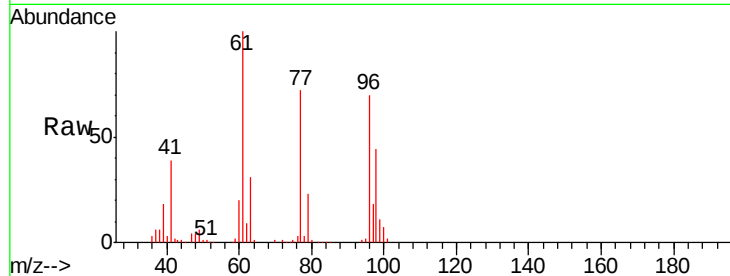
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	126068
Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	304.6
98	64.8	0.0	127.4

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#28

Bromochloromethane

Concen: 41.81 ug/l

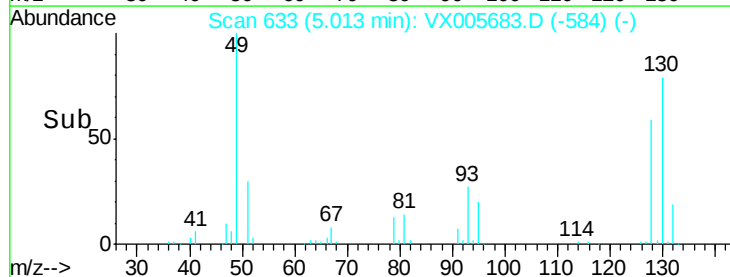
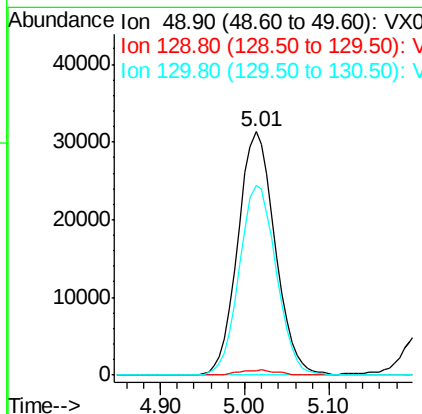
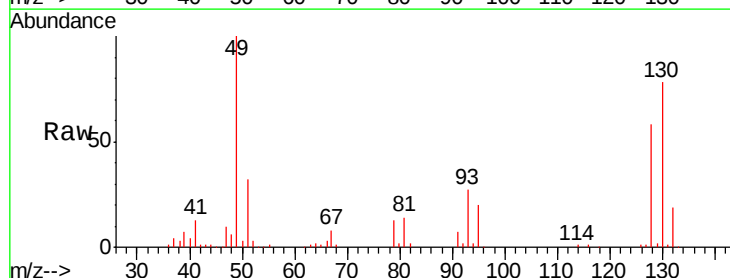
RT: 5.01 min Scan# 633

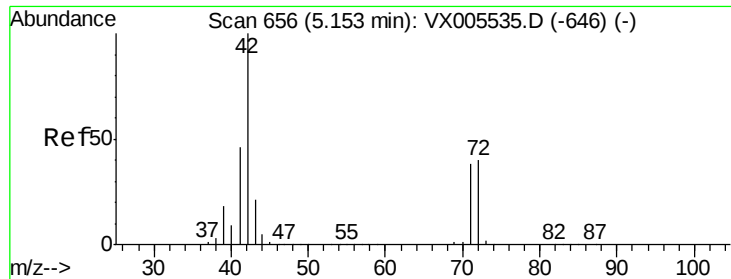
Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Tgt Ion:	49	Resp:	93762
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	77.3	58.9	88.3





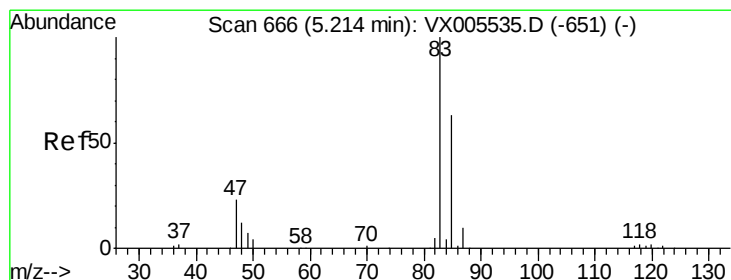
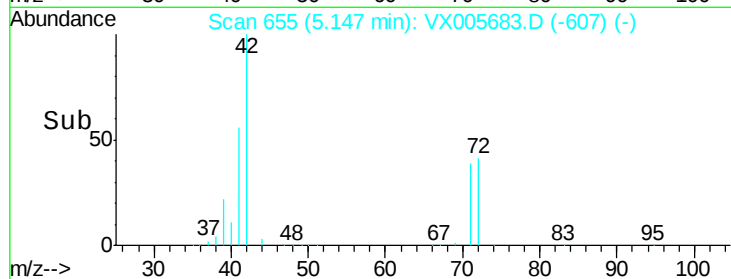
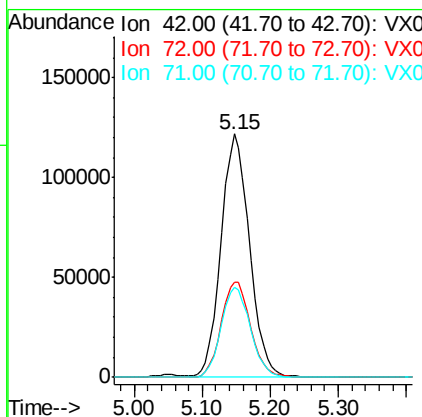
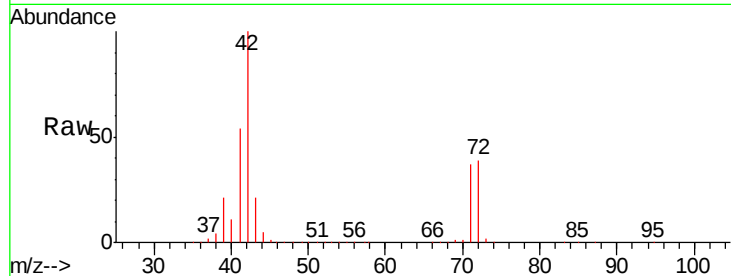
#29
Tetrahydrofuran
Concen: 236.88 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
42	100		
72	40.6	32.0	48.0
71	38.2	29.8	44.8

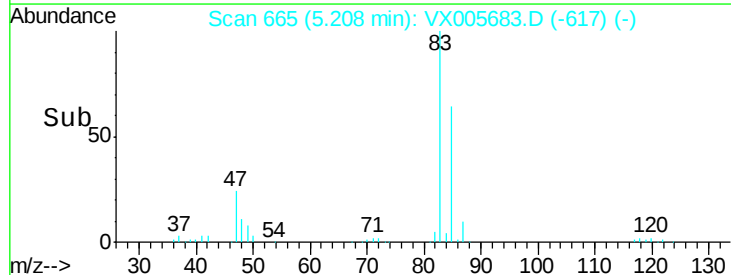
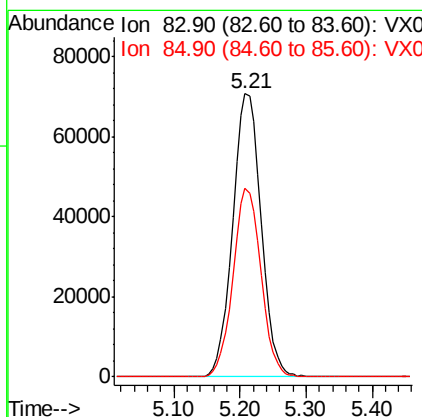
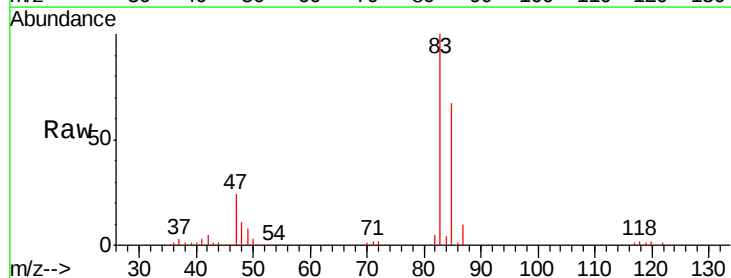
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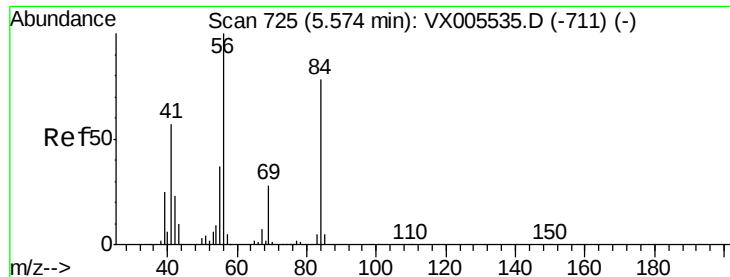
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#30
Chloroform
Concen: 48.68 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
85	66.7	50.6	76.0





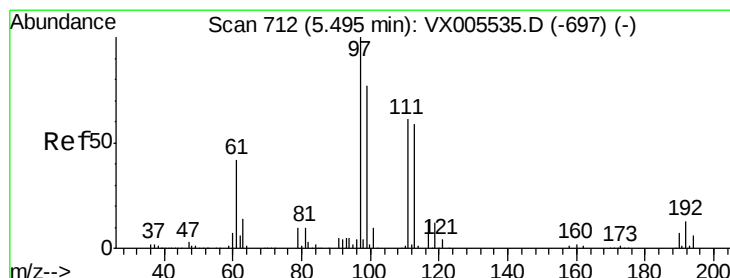
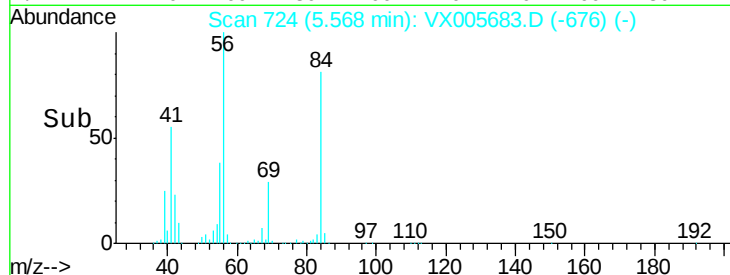
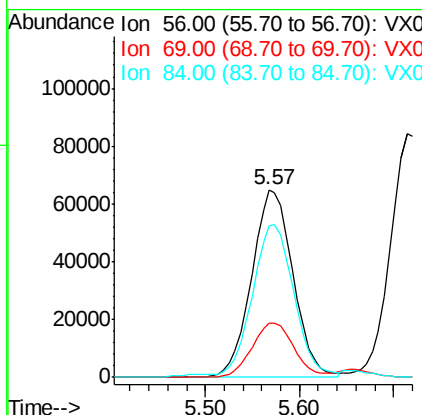
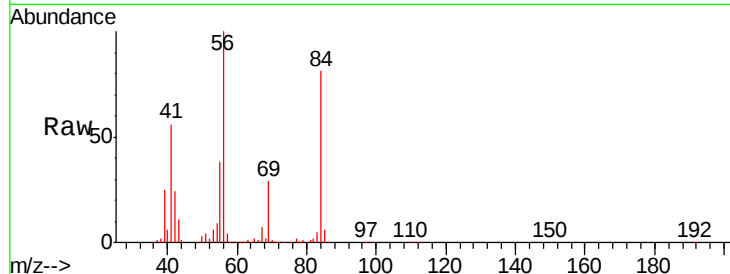
#31
Cyclohexane
Concen: 51.75 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.0	22.6	34.0
84	79.5	62.7	94.1

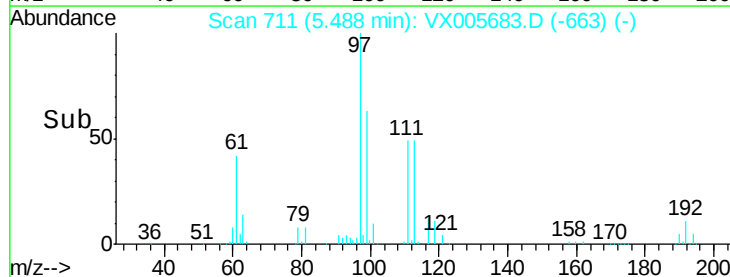
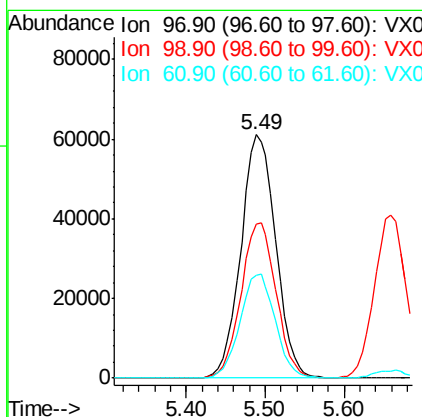
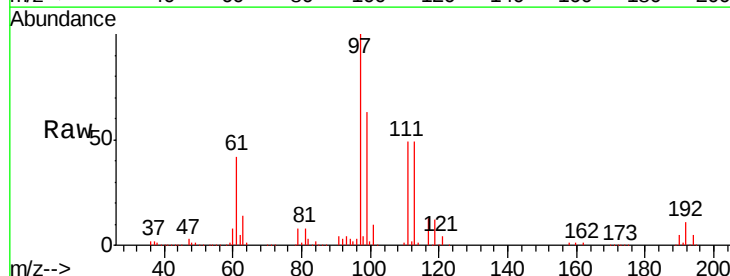
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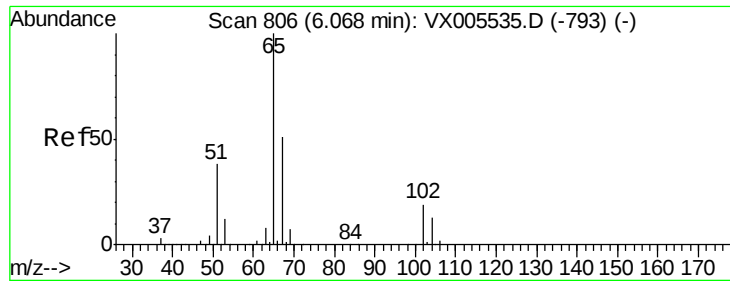
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#32
1,1,1-Trichloroethane
Concen: 49.10 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.3	78.5
61	43.1	35.2	52.8





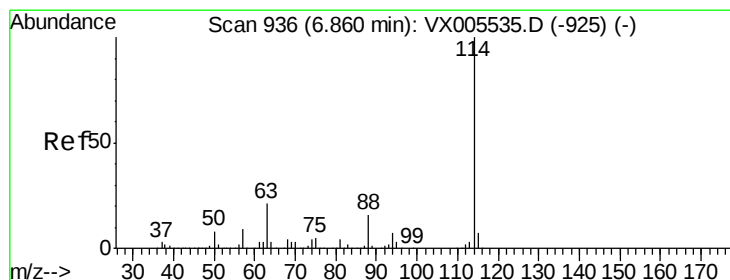
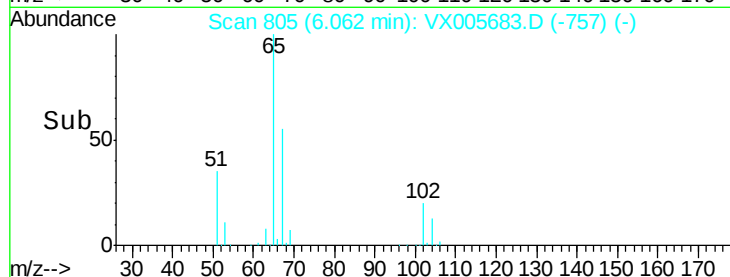
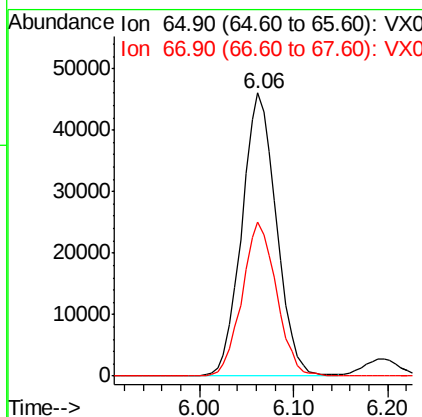
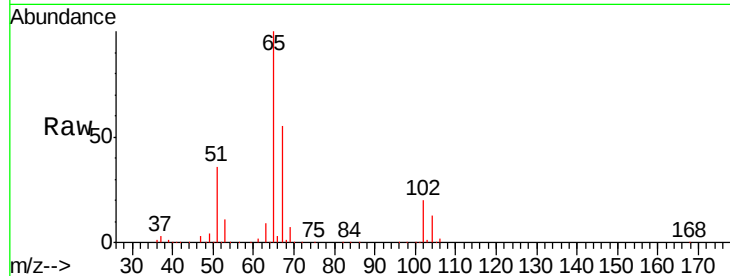
#33
 1,2-Dichloroethane-d4
 Concen: 41.67 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	118567		
67	54.2	0.0	105.0	

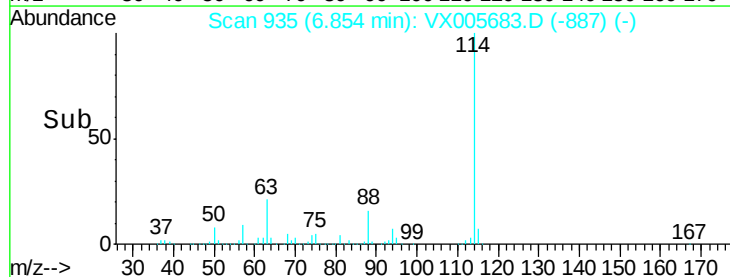
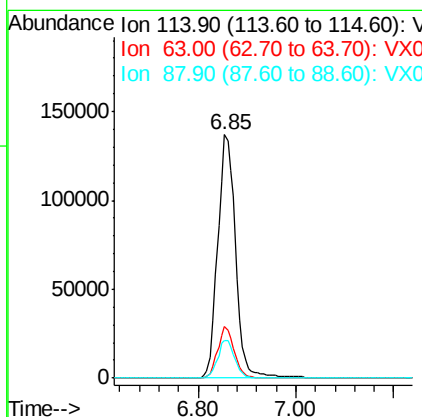
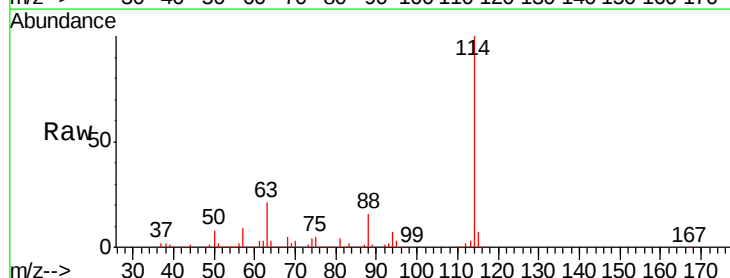
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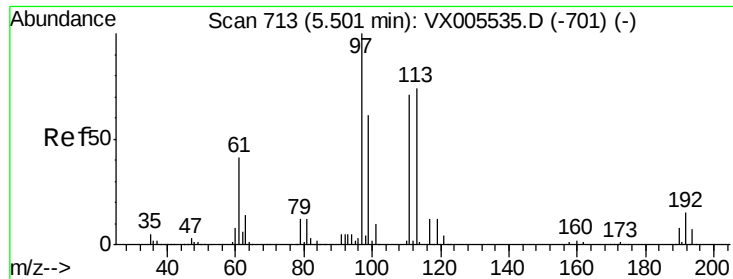
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	347685		
63	21.4	0.0	42.8	
88	15.5	0.0	31.2	





#35

Dibromofluoromethane

Concen: 41.02 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

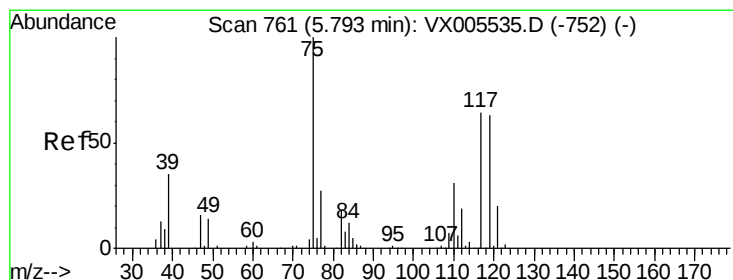
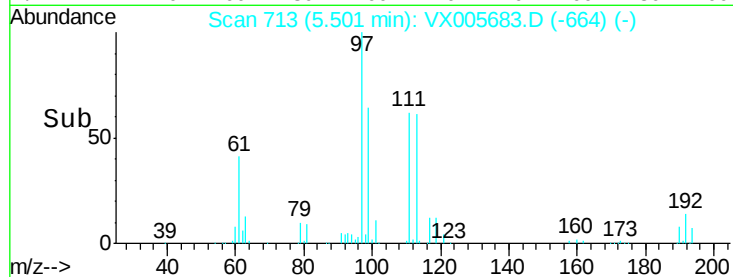
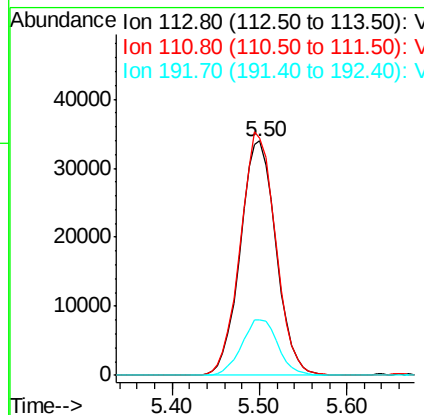
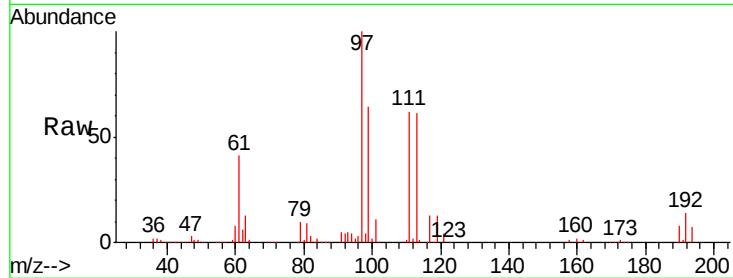
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.3	123.5
192	24.0	17.9	26.9

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#36

1,1-Dichloropropene

Concen: 49.59 ug/l

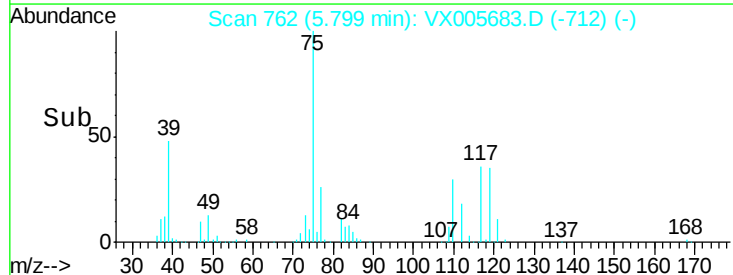
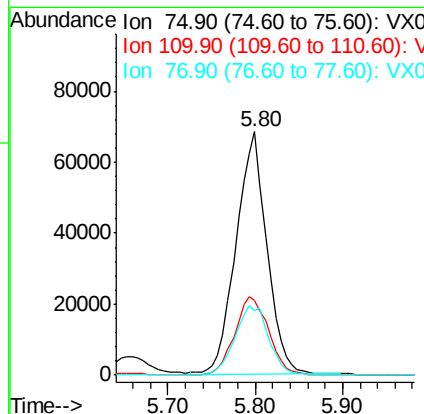
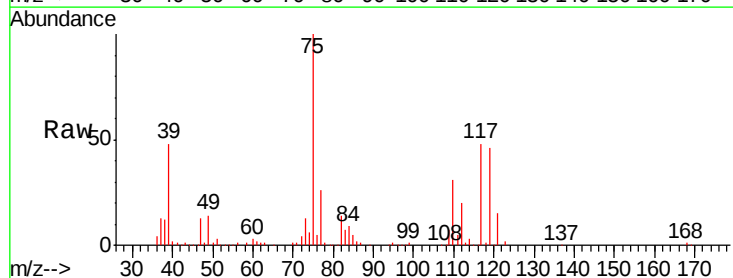
RT: 5.80 min Scan# 762

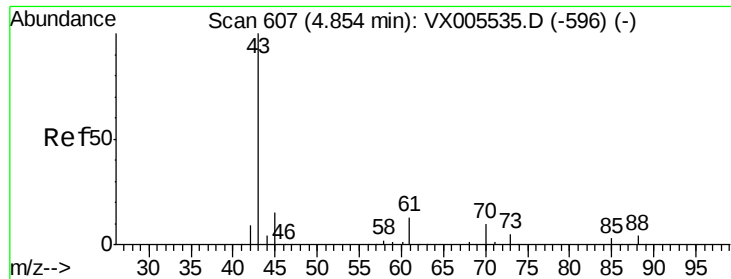
Delta R.T. 0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.4	52.2
77	30.7	25.8	38.6





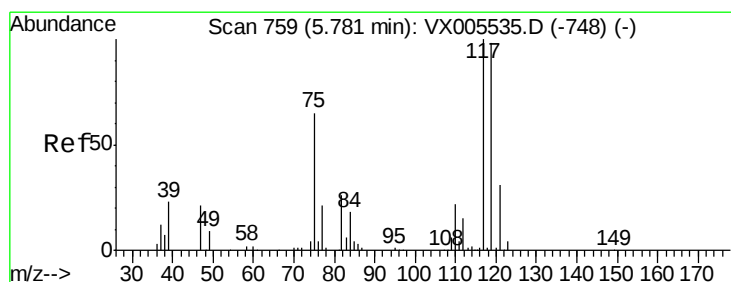
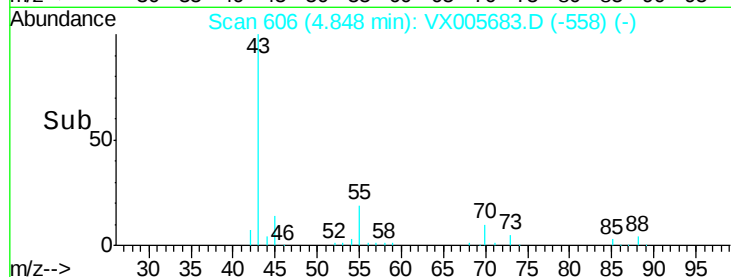
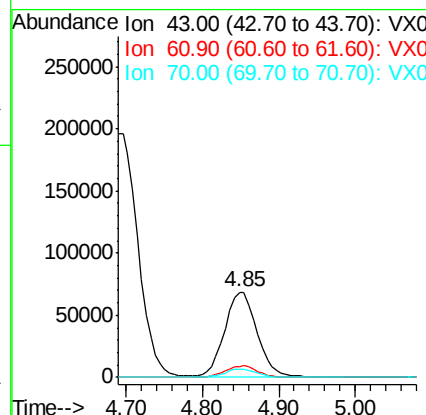
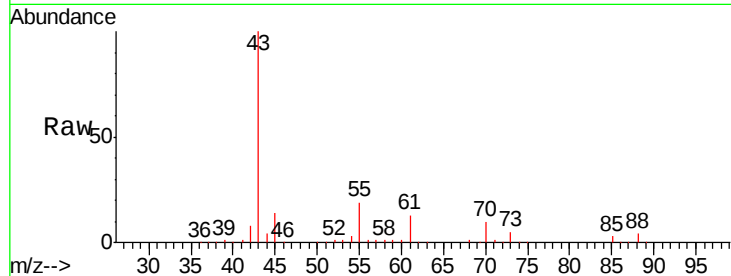
#37
Ethyl Acetate
Concen: 46.73 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	9.8	7.8	11.8

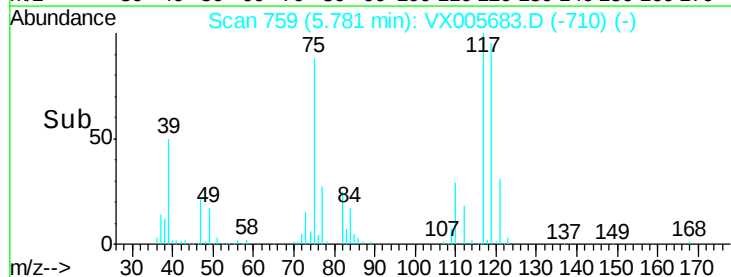
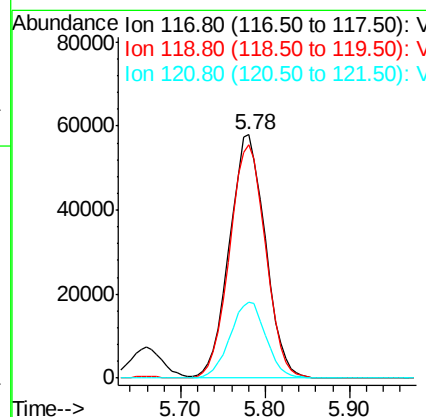
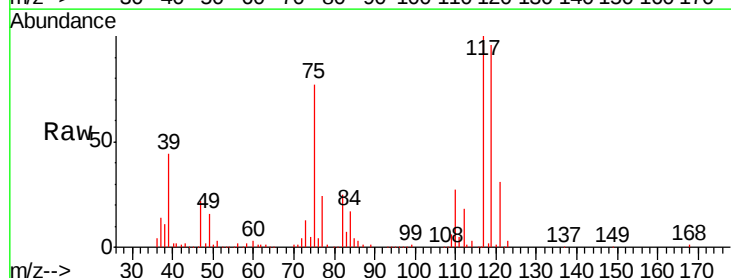
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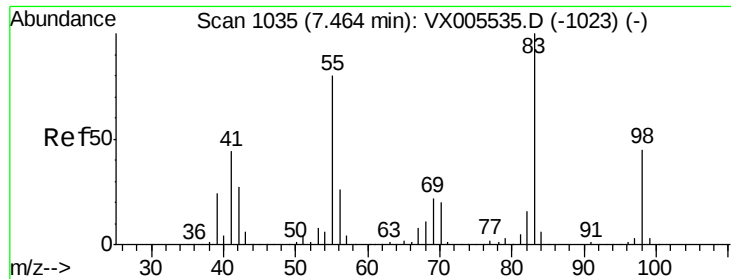
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#38
Carbon Tetrachloride
Concen: 47.13 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.1	117.1
121	31.2	24.6	36.8





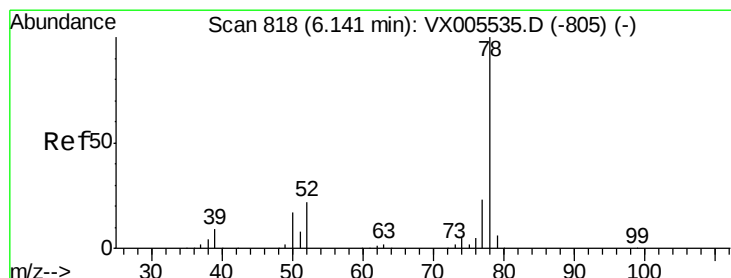
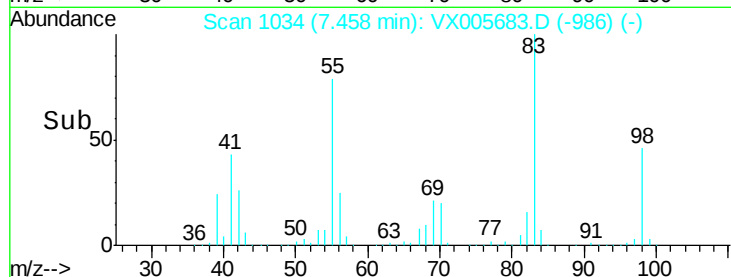
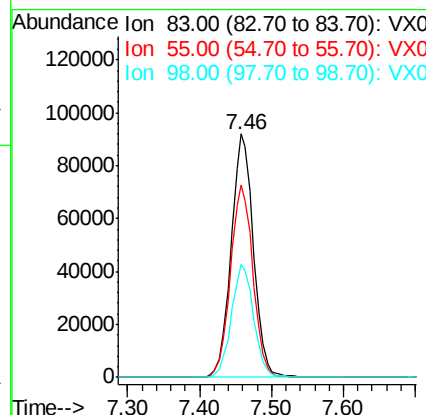
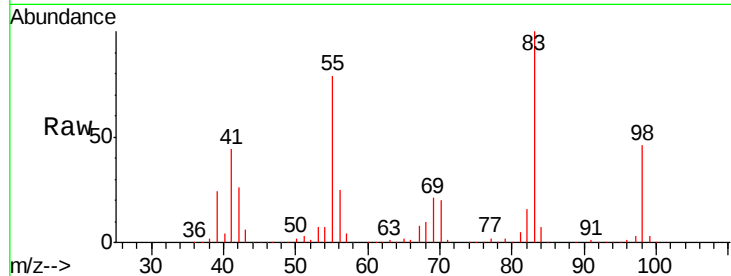
#39
Methylcyclohexane
Concen: 53.10 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	197843		
55	79.1	63.7	95.5	
98	46.3	36.2	54.2	

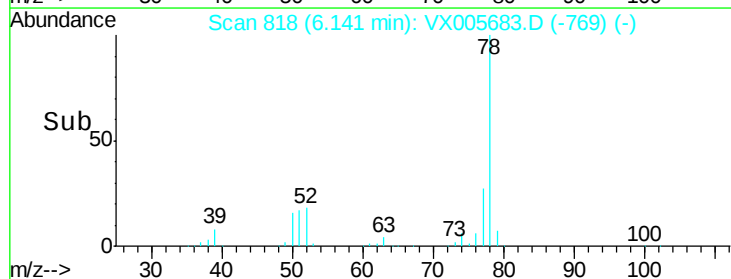
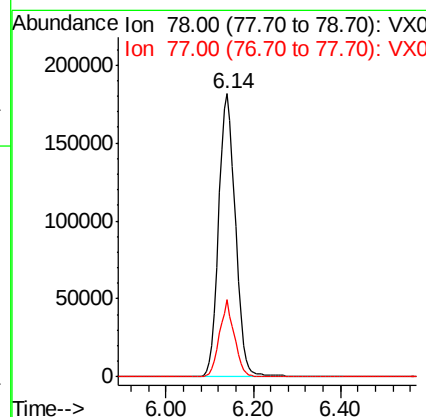
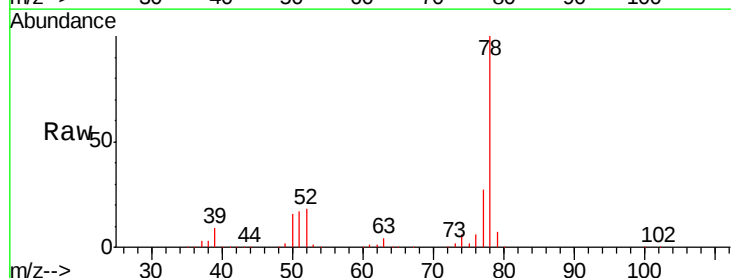
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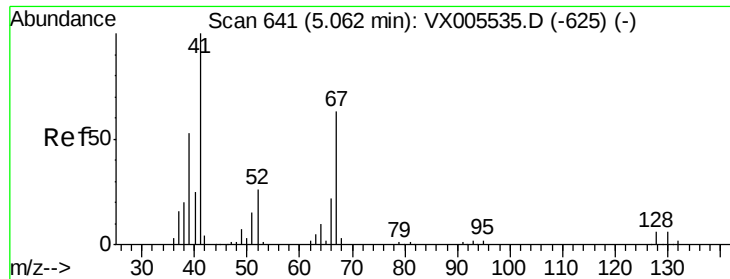
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#40
Benzene
Concen: 50.03 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	483892		
77	27.4	18.4	27.6	





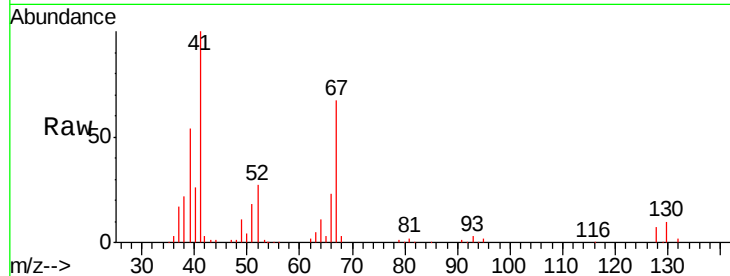
#41
Methacrylonitrile
Concen: 46.08 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

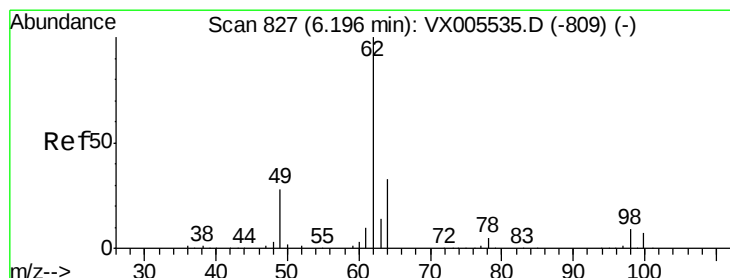
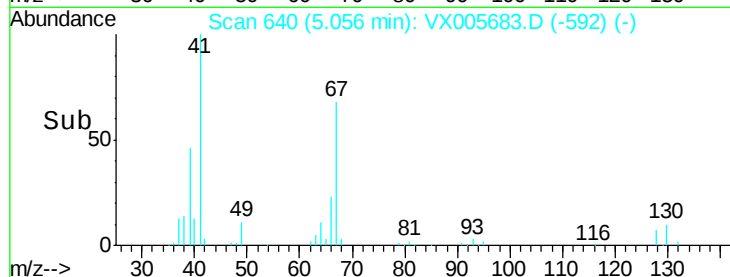
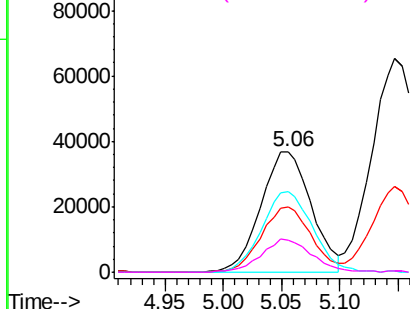
Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.3	42.2	63.2	
67	67.9	53.4	80.0	
52	27.6	23.4	35.2	

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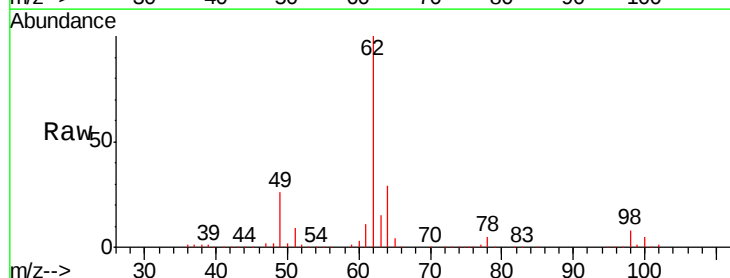


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

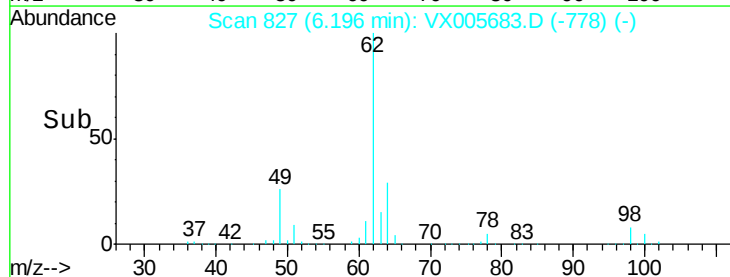
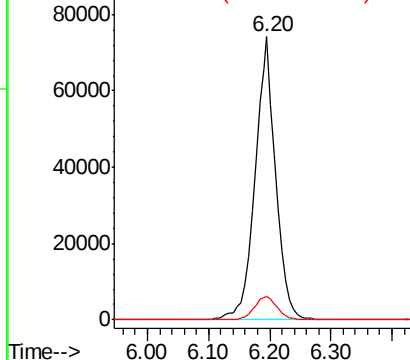


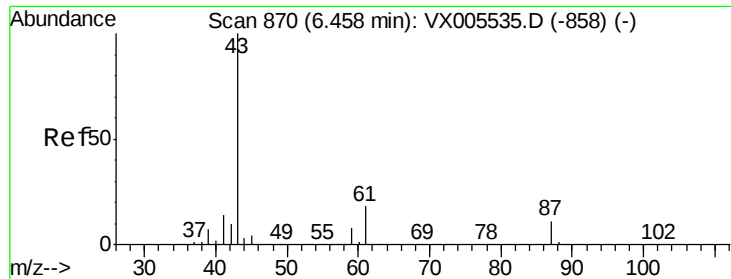
#42
1,2-Dichloroethane
Concen: 47.68 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	17.8	



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





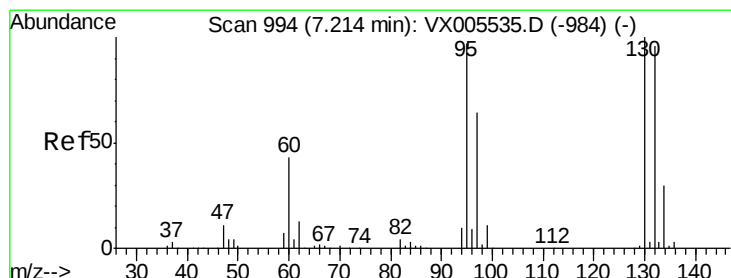
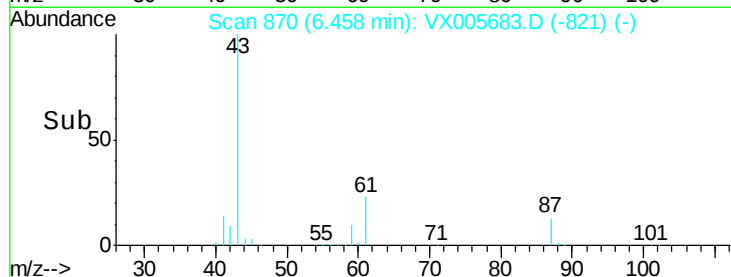
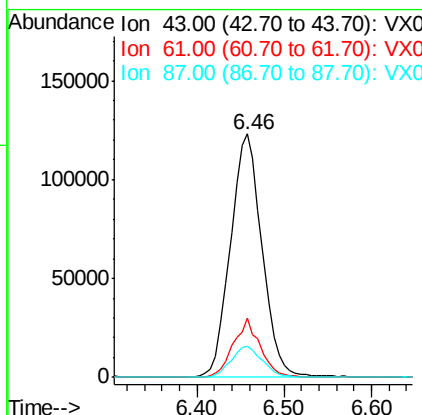
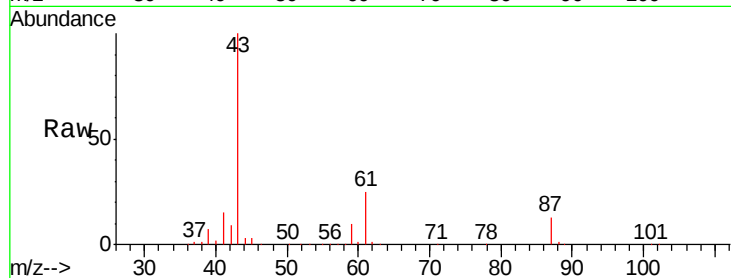
#43
Isopropyl Acetate
Concen: 47.74 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.9	14.6	22.0
87	12.7	9.6	14.4

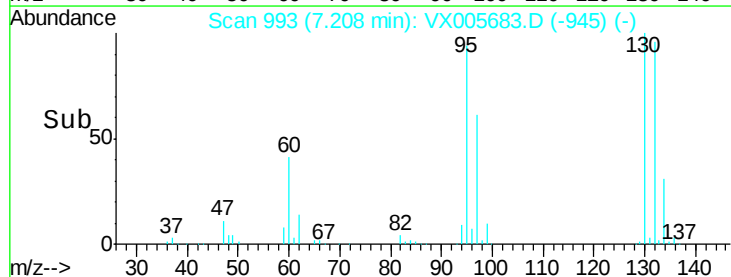
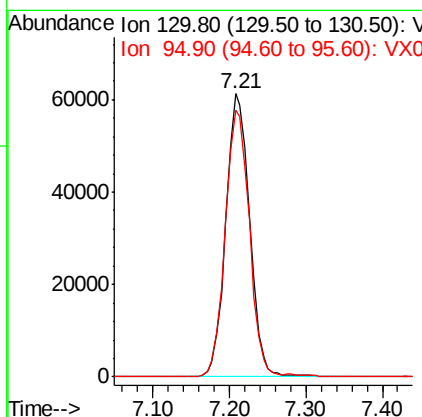
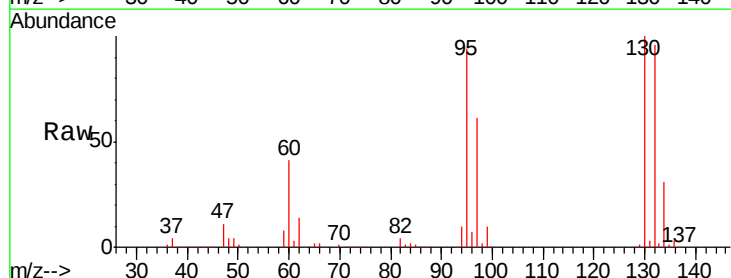
Manual Integrations
APPROVED

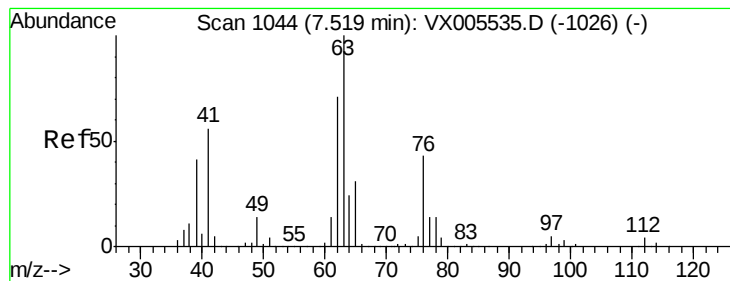
MMDadoda
10/31/2018 11:07:02 AM



#44
Trichloroethene
Concen: 50.30 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	194.2





#45

1,2-Dichloropropane

Concen: 50.88 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 132310

Ion Ratio Lower Upper

63 100

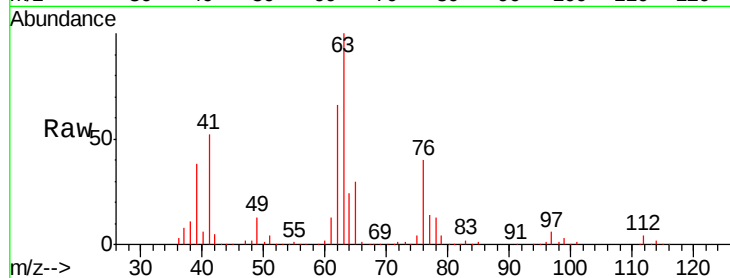
65 30.1 24.8 37.2

Manual Integrations

APPROVED

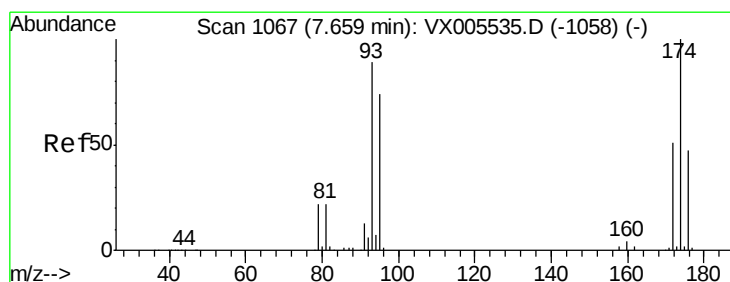
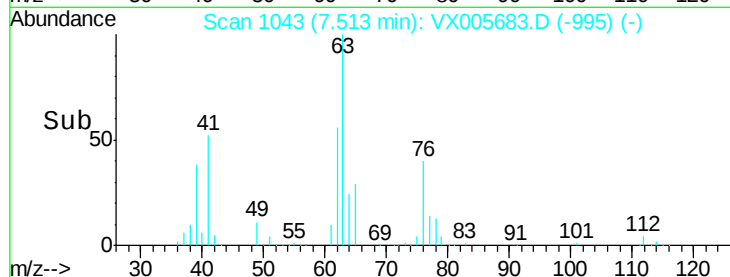
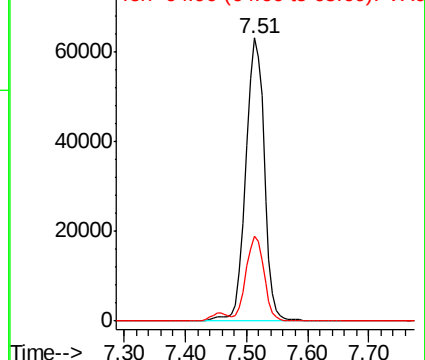
MMDadoda

10/31/2018 11:07:02 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.04 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

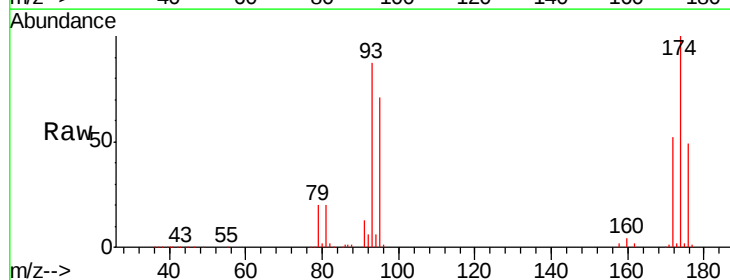
Tgt Ion: 93 Resp: 84040

Ion Ratio Lower Upper

93 100

95 84.8 67.4 101.0

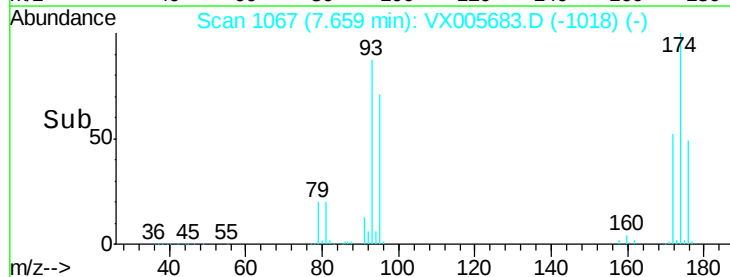
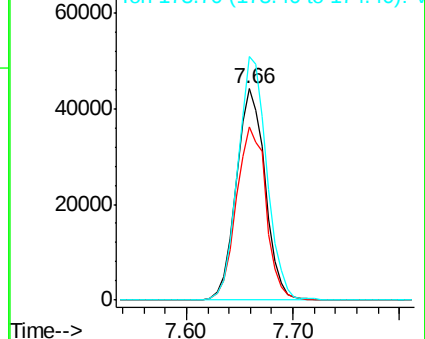
174 116.1 91.5 137.3

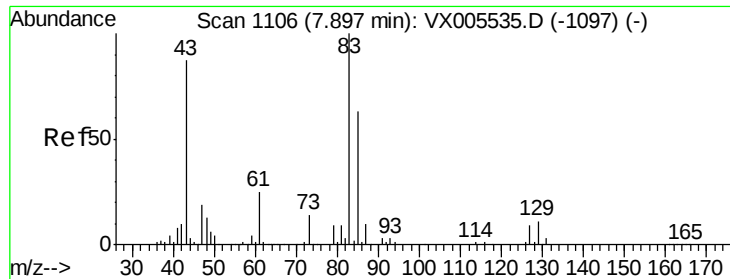


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





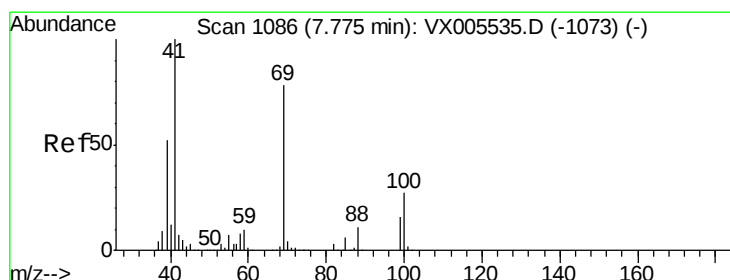
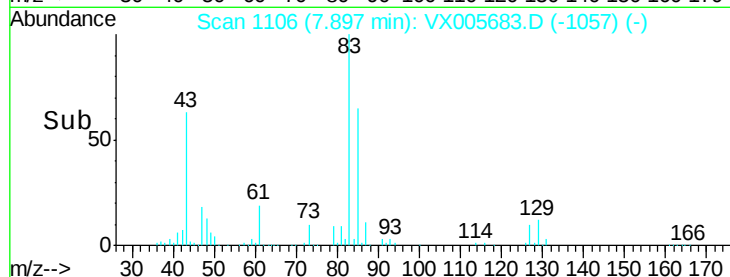
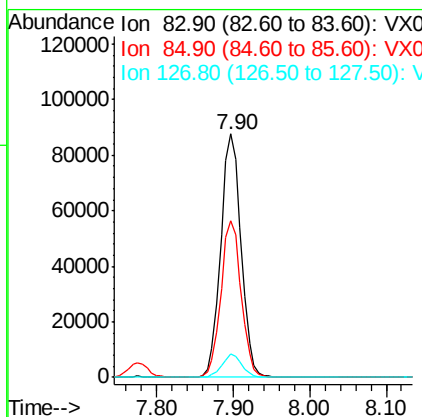
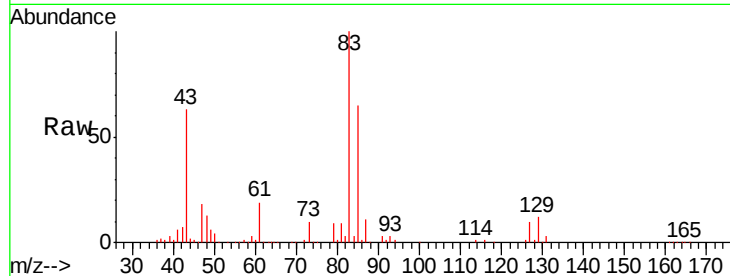
#47
 Bromodichloromethane
 Concen: 49.43 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	161137		
85	64.5	50.2	75.4	
127	9.5	6.9	10.3	

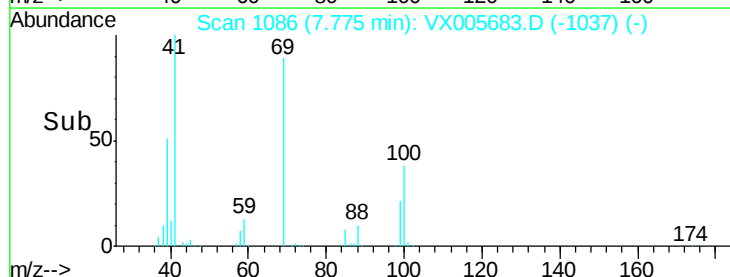
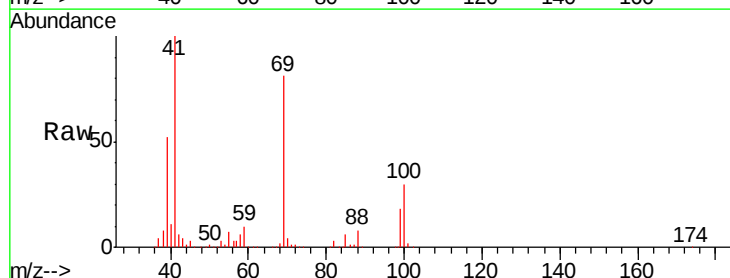
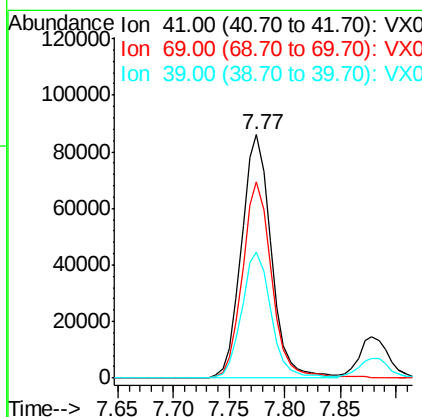
Manual Integrations
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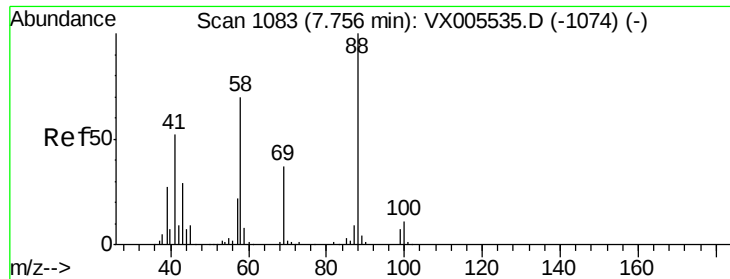
MMDadoda
 10/31/2018 11:07:02 AM



#48
 Methyl methacrylate
 Concen: 50.93 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	160084		
69	79.7	63.2	94.8	
39	51.0	42.2	63.2	





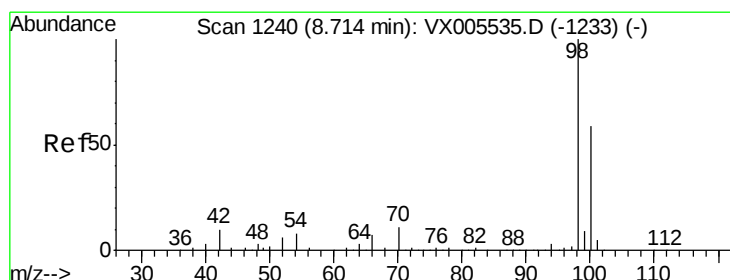
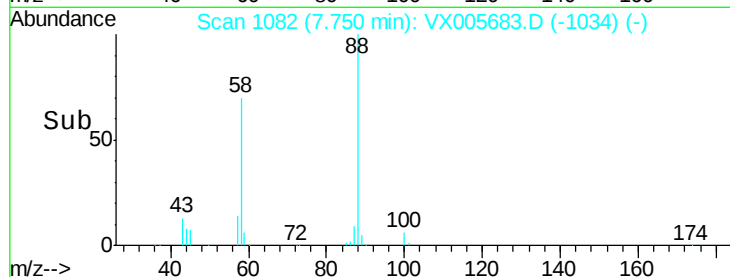
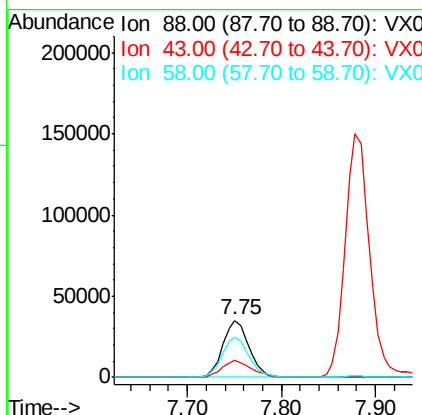
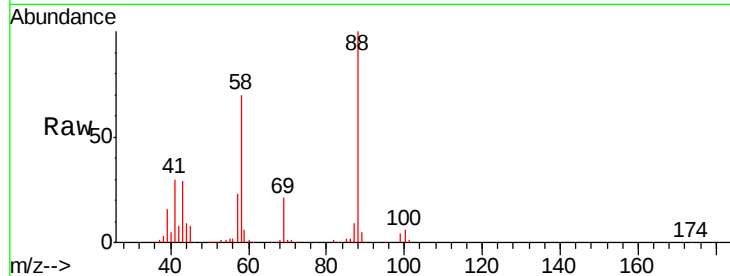
#49
1,4-Dioxane
Concen: 981.96 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.5	27.4	41.0
58	72.6	59.4	89.2

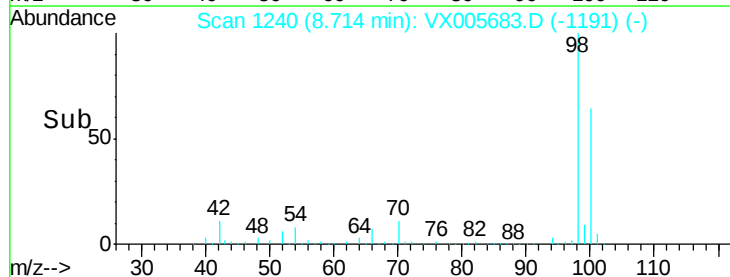
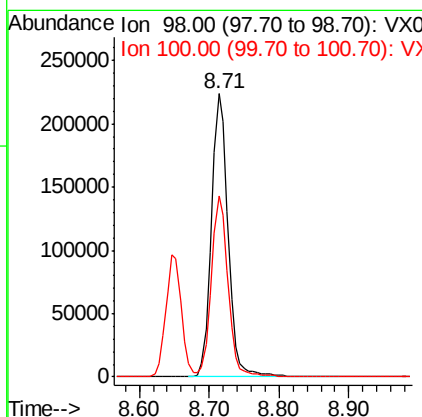
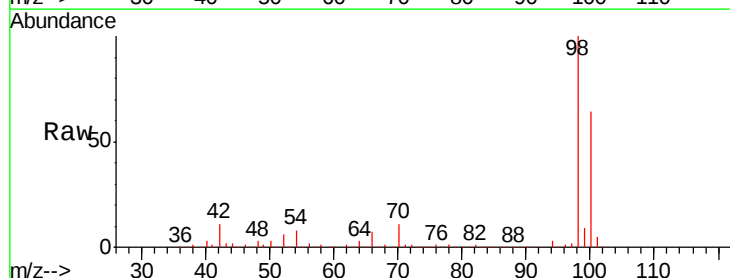
Manual Integrations
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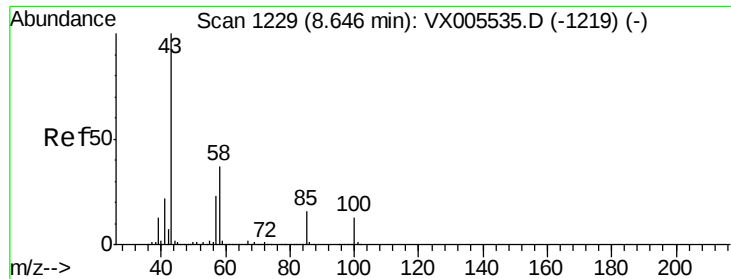
MMDadoda
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#50
Toluene-d8
Concen: 43.67 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.3	76.9





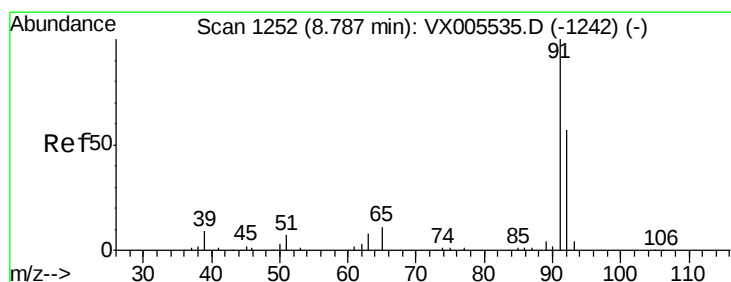
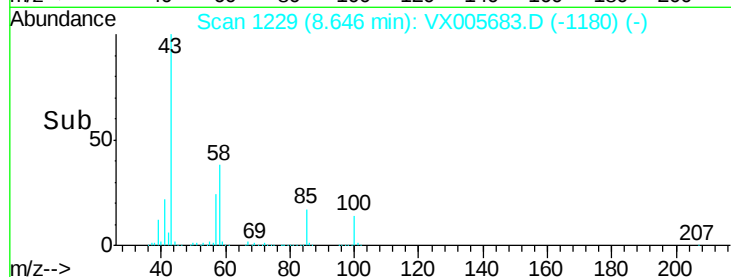
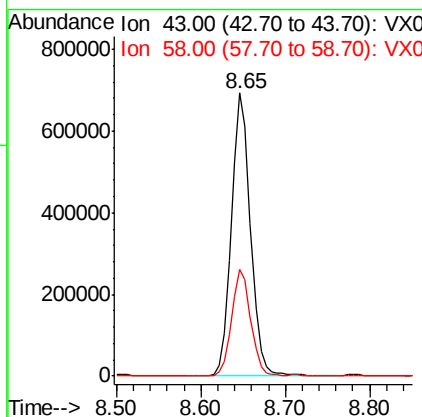
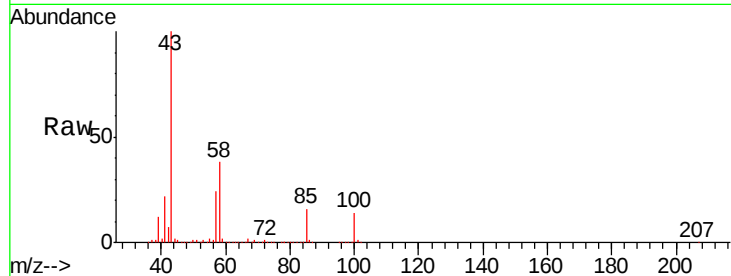
#51
 4-Methyl-2-Pentanone
 Concen: 246.51 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1068928
 Ion Ratio Lower Upper
 43 100
 58 37.8 29.7 44.5

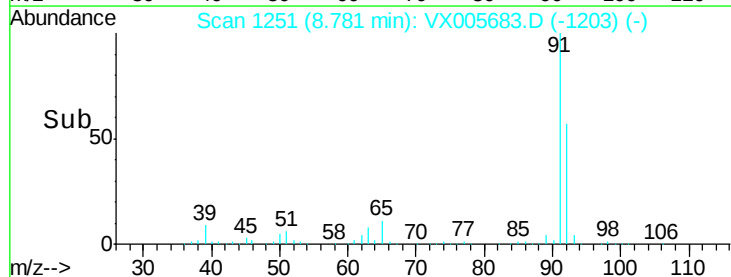
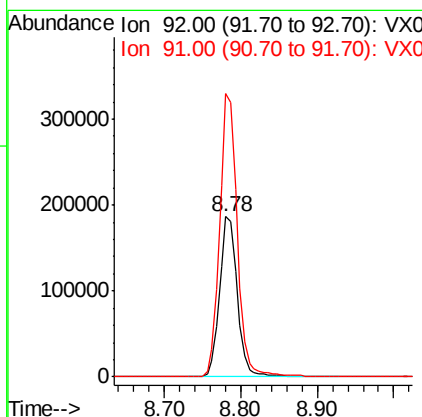
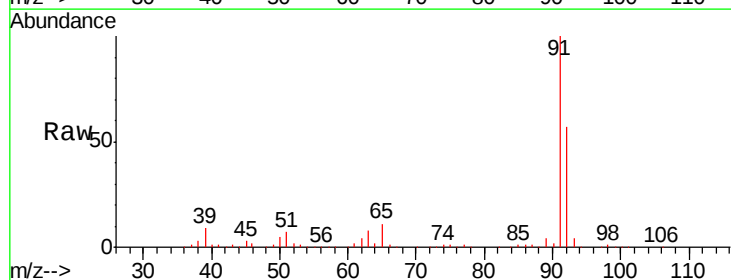
Manual Integrations
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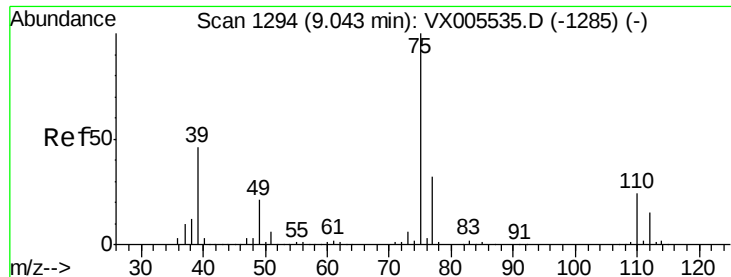
MMDadoda
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#52
 Toluene
 Concen: 51.08 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion: 92 Resp: 300294
 Ion Ratio Lower Upper
 92 100
 91 175.8 140.4 210.6





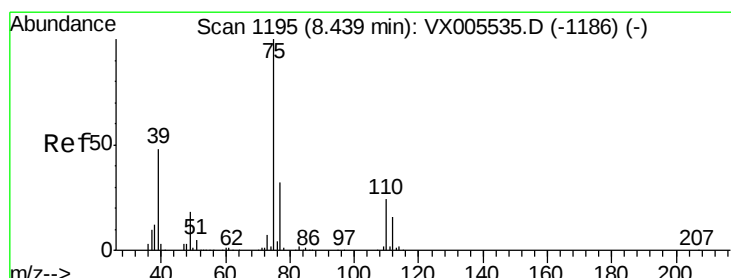
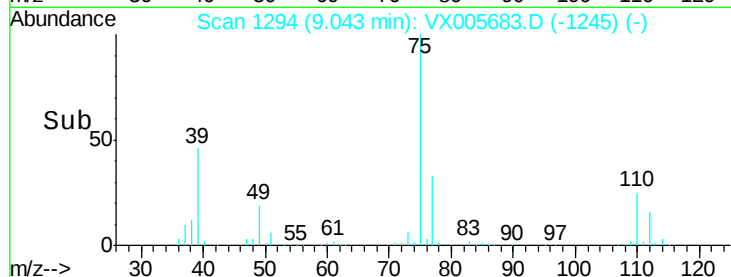
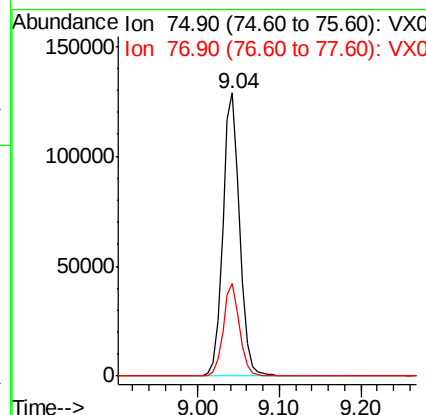
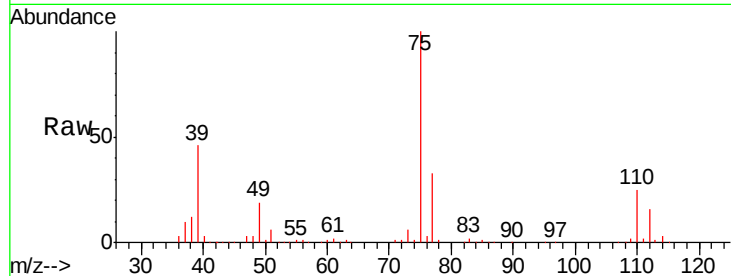
#53
t-1,3-Dichloropropene
Concen: 52.61 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 185329
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2

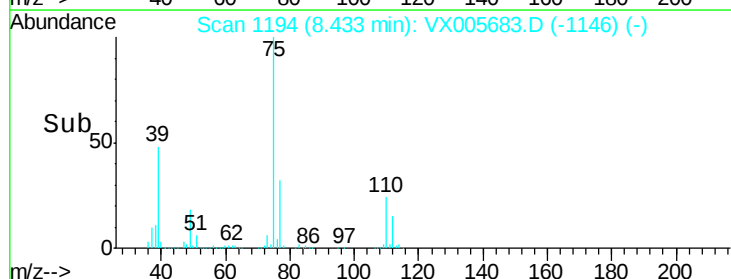
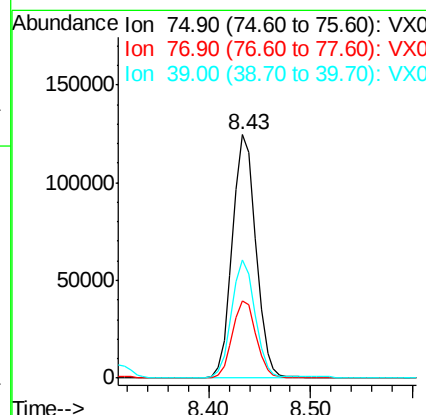
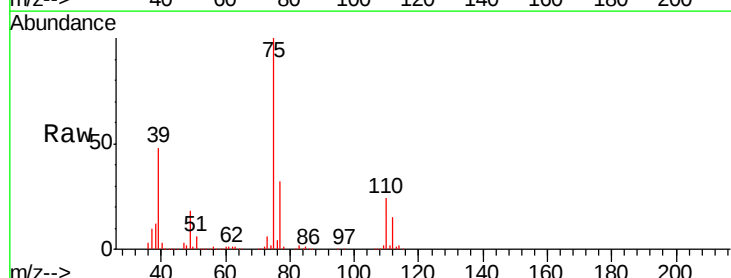
Manual Integrations
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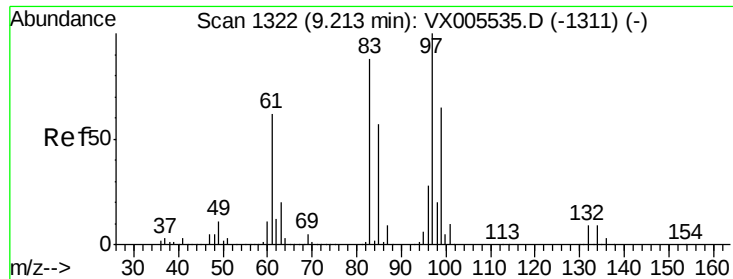
MMDadoda
10/31/2018 11:07:02 AM



#54
cis-1,3-Dichloropropene
Concen: 52.58 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion: 75 Resp: 199435
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
39 48.3 38.2 57.2





#55

1,1,2-Trichloroethane

Concen: 49.02 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 121492

Ion Ratio Lower Upper

97 100

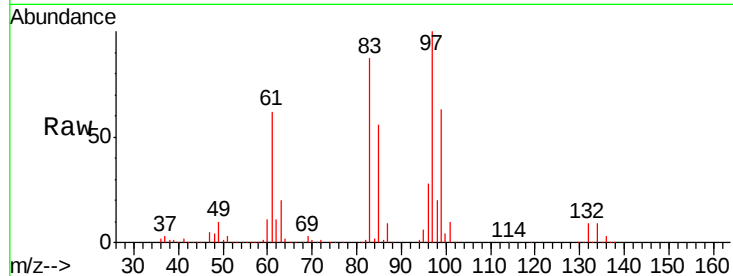
83 86.5 70.7 106.1

85 56.2 45.8 68.6

99 62.9 51.8 77.8

Manual Integrations
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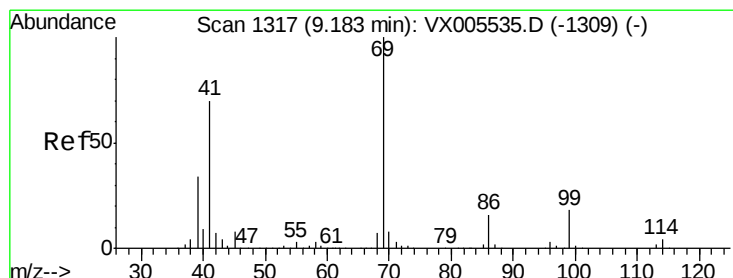
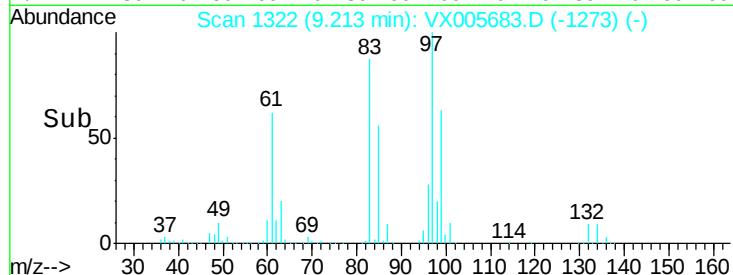
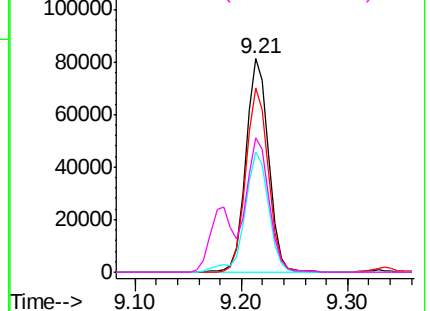
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.97 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

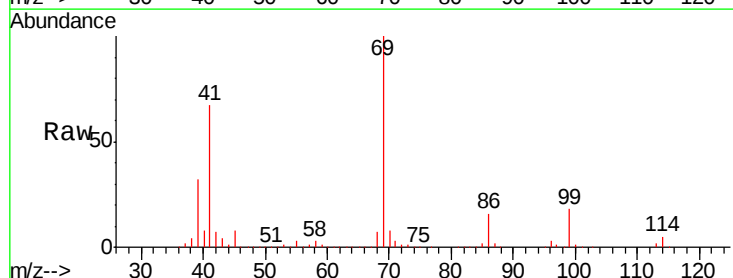
Tgt Ion: 69 Resp: 195808

Ion Ratio Lower Upper

69 100

41 69.2 57.0 85.6

39 33.3 28.3 42.5

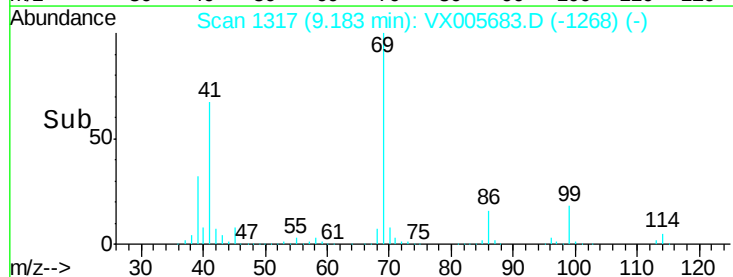
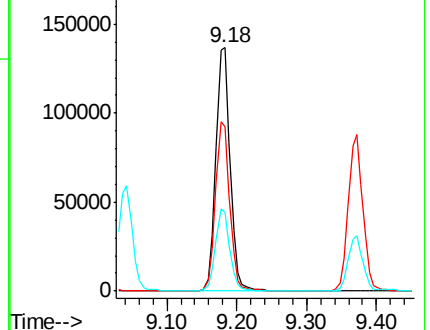


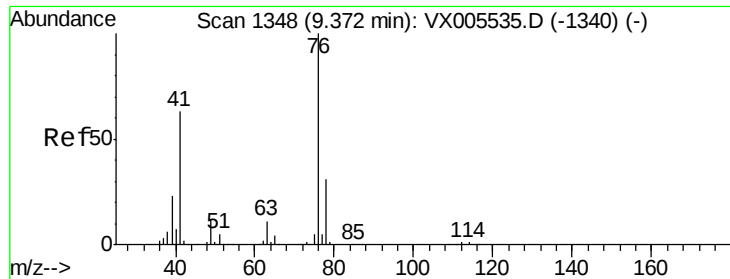
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





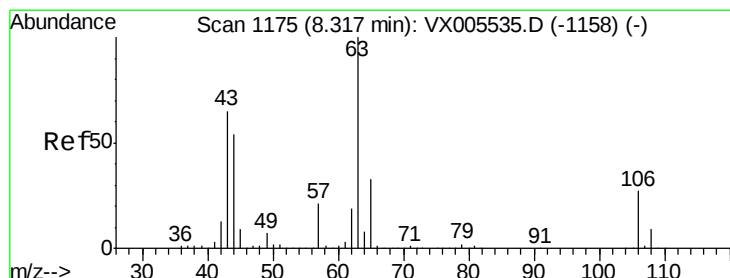
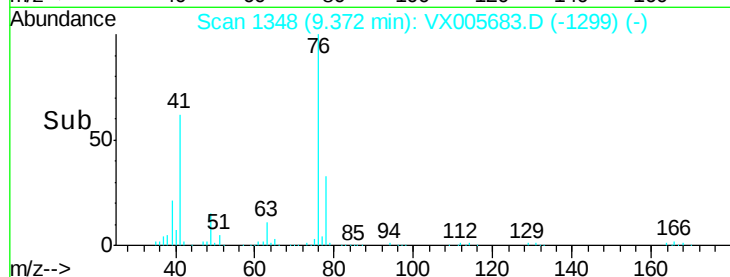
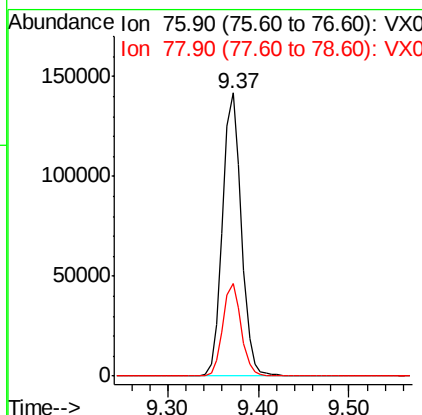
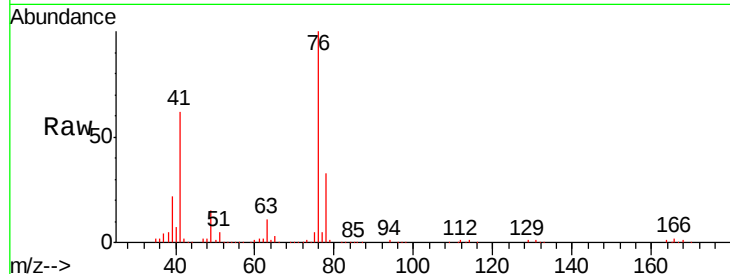
#57
 1,3-Dichloropropane
 Concen: 49.09 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.3	37.9

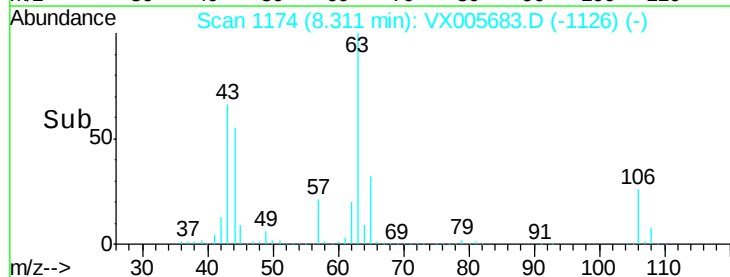
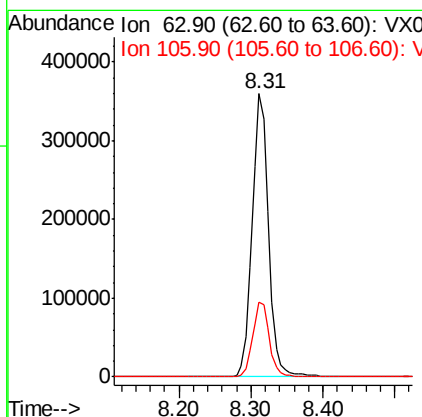
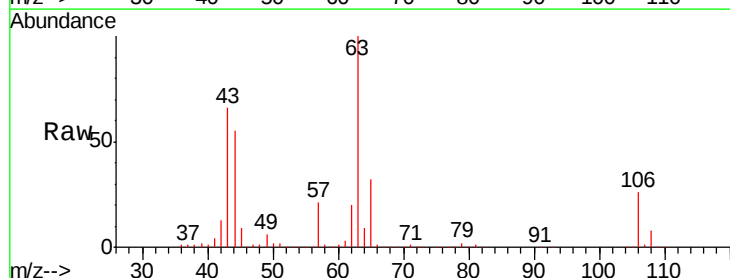
Manual Integrations
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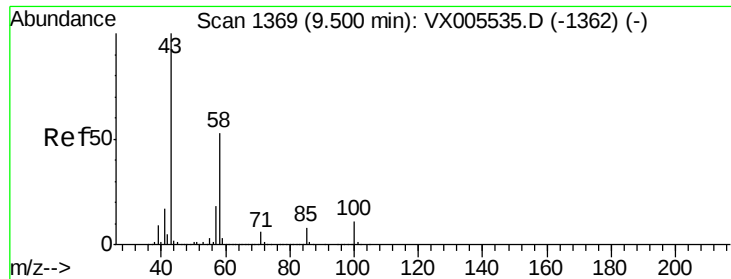
MMDadoda
 10/31/2018 11:07:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.97 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.7	21.3	31.9





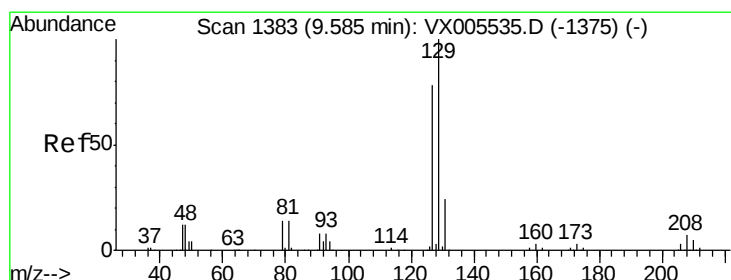
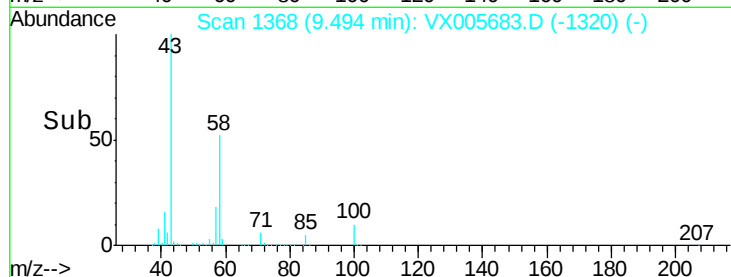
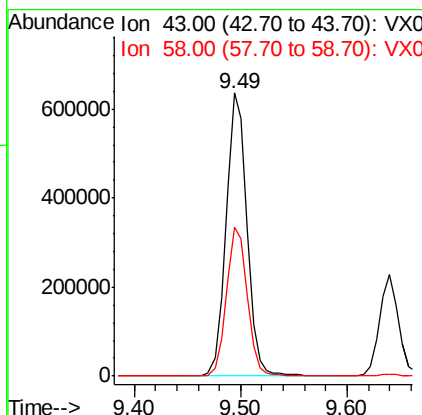
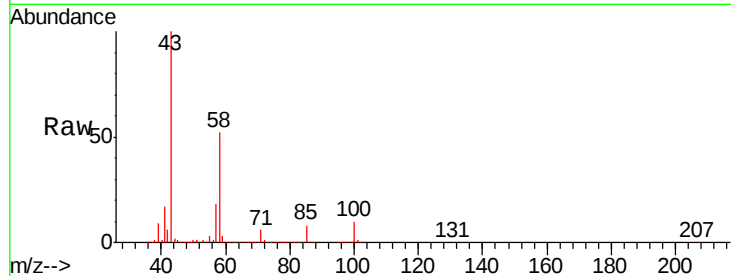
#59
2-Hexanone
Concen: 255.18 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 872437
Ion Ratio Lower Upper
43 100
58 52.9 25.9 77.8

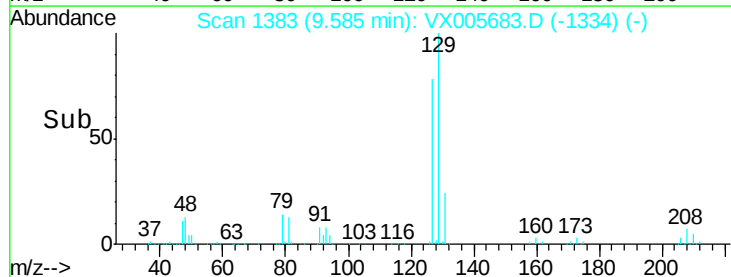
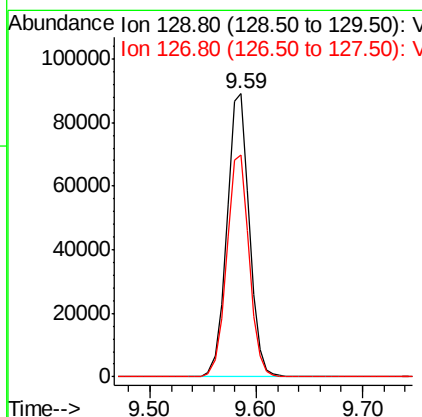
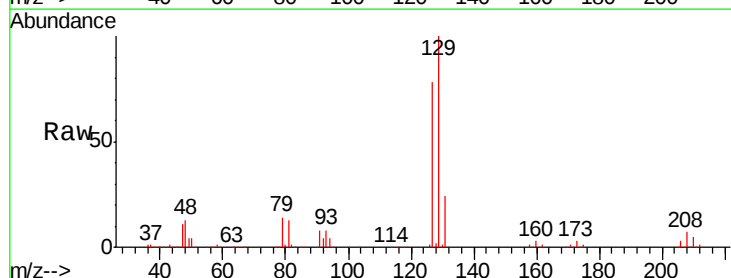
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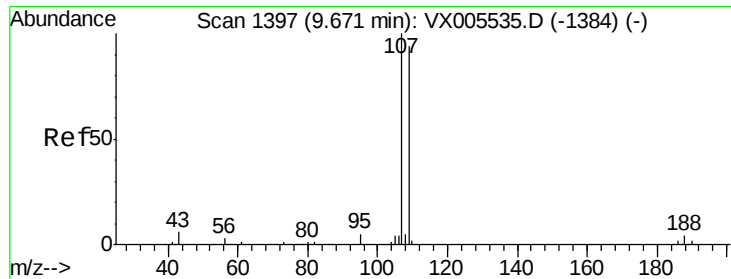
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#60
Dibromochloromethane
Concen: 50.71 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion: 129 Resp: 131118
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.32 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

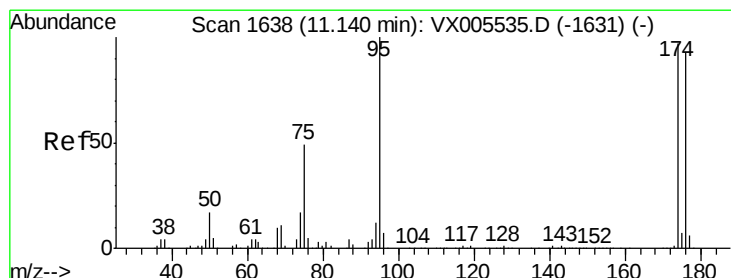
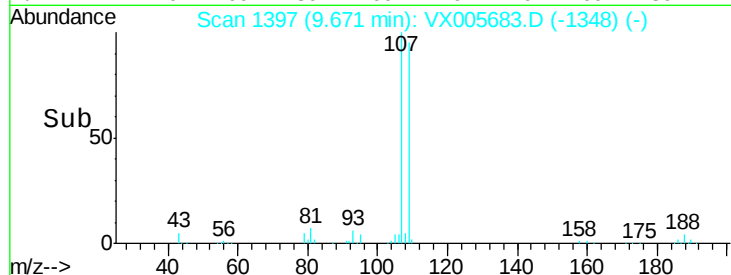
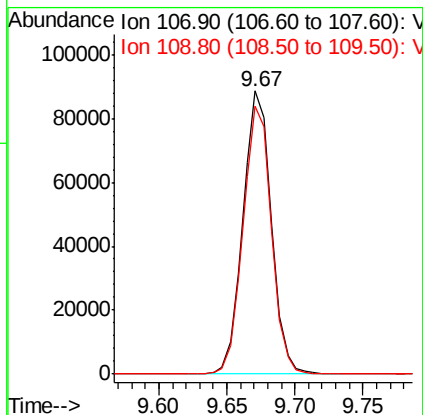
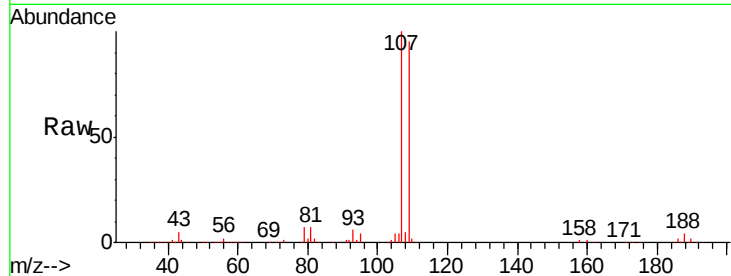
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	129007		
109	95.0	75.7	113.5	

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 44.50 ug/l

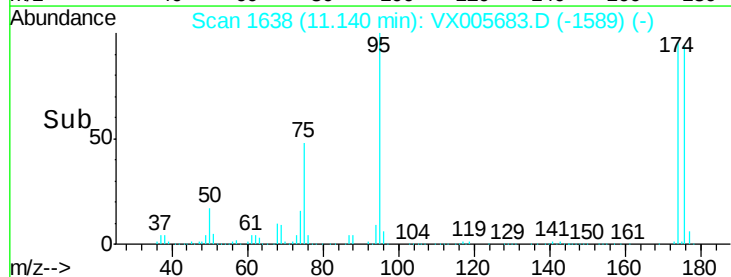
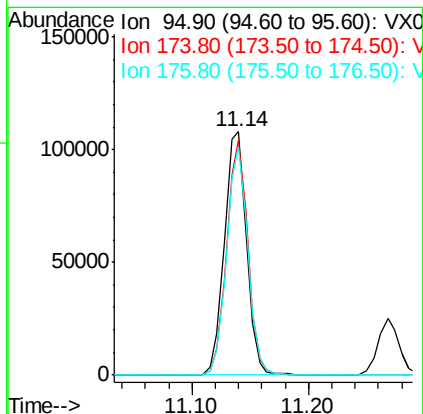
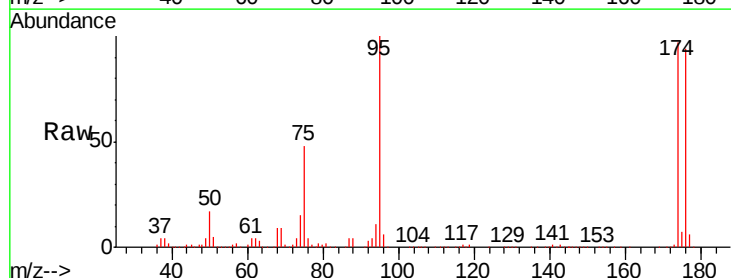
RT: 11.14 min Scan# 1638

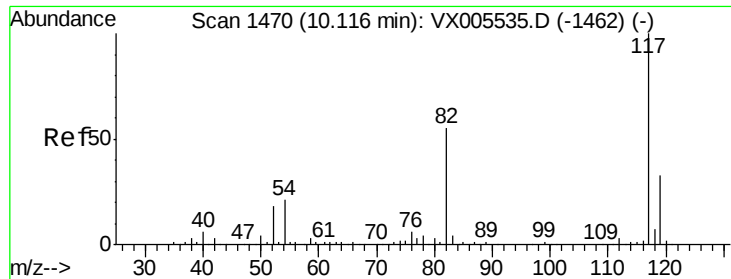
Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	142166		
174	92.7	0.0	184.4	
176	90.1	0.0	177.4	





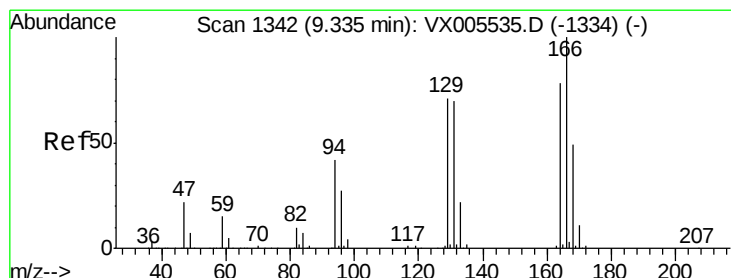
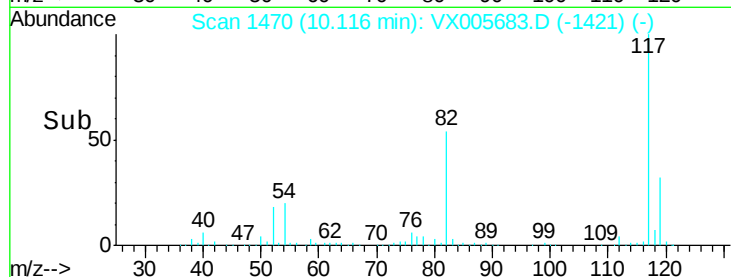
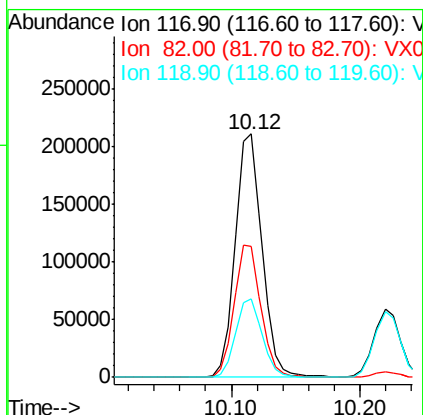
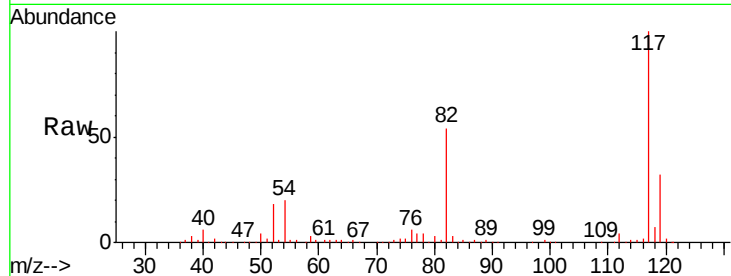
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	307116		
82	53.7	44.1	66.1	
119	32.3	26.2	39.2	

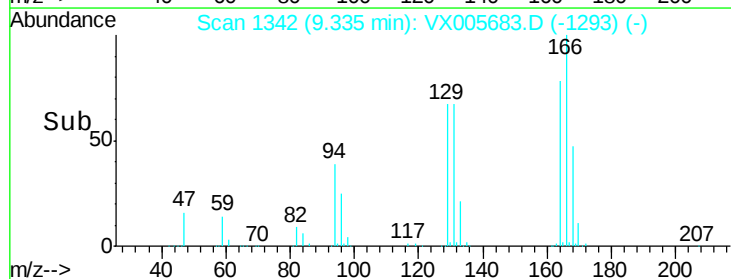
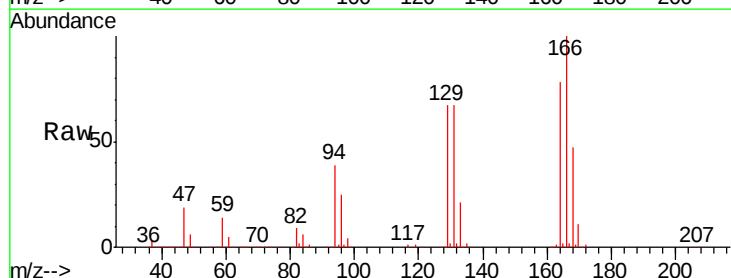
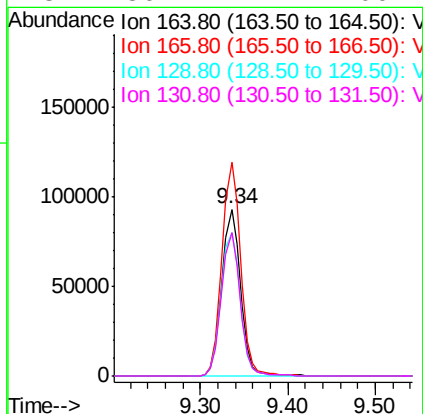
Manual Integrations
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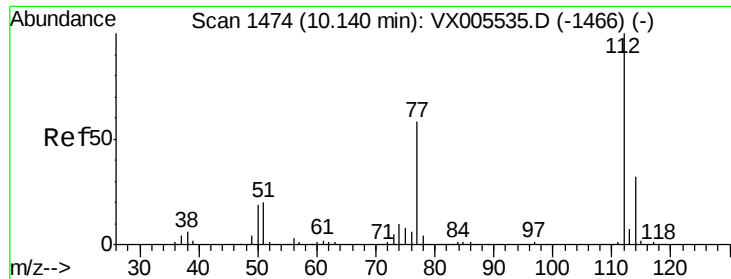
MMDadoda
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#64
Tetrachloroethene
Concen: 54.32 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	138499		
166	128.3	101.9	152.9	
129	86.3	72.6	109.0	
131	86.2	71.1	106.7	





#65

Chlorobenzene

Concen: 51.91 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 339466

Ion Ratio Lower Upper

112 100

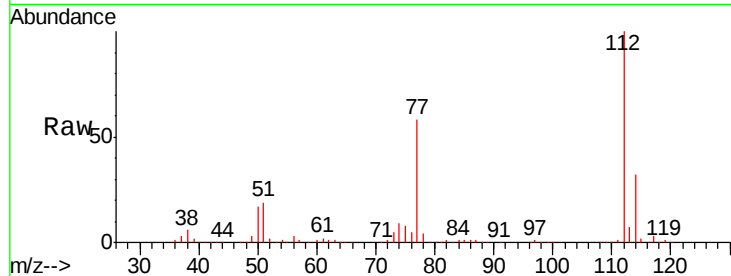
114 31.8 25.8 38.6

Manual Integrations

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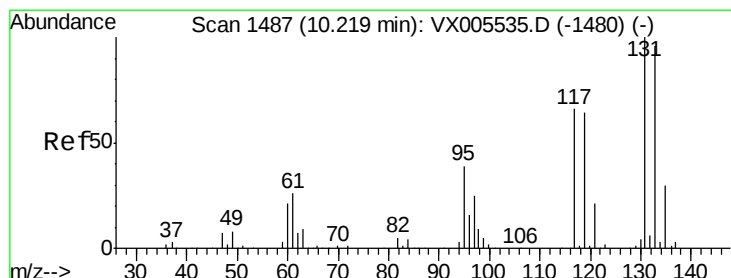
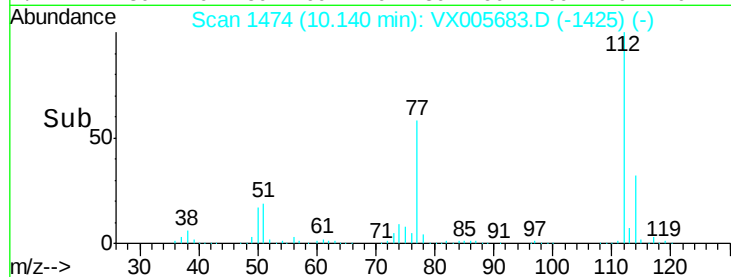
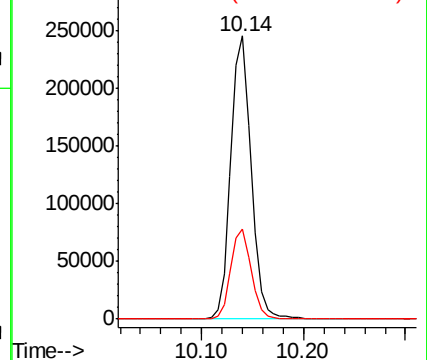
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.83 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

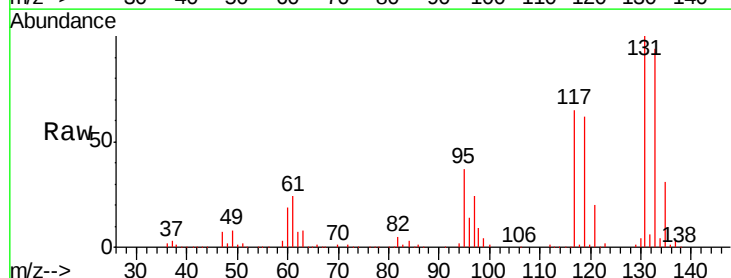
Tgt Ion:131 Resp: 125970

Ion Ratio Lower Upper

131 100

133 94.2 47.5 142.5

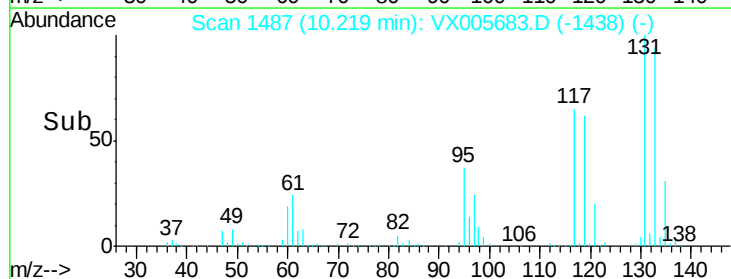
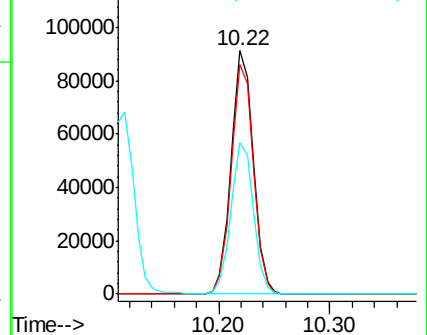
119 63.1 31.8 95.3

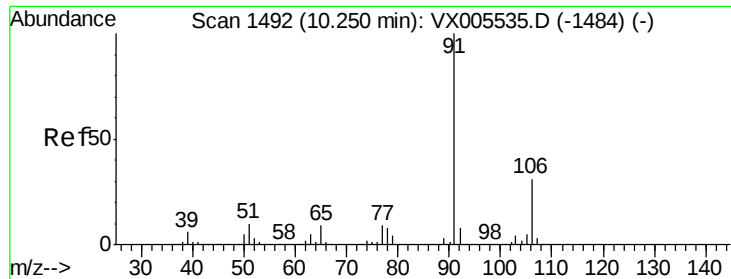


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.72 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 588775

Ion Ratio Lower Upper

91 100

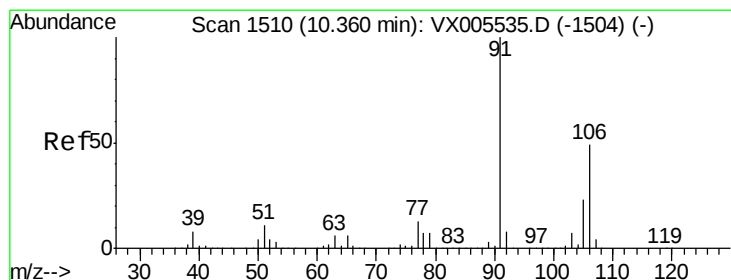
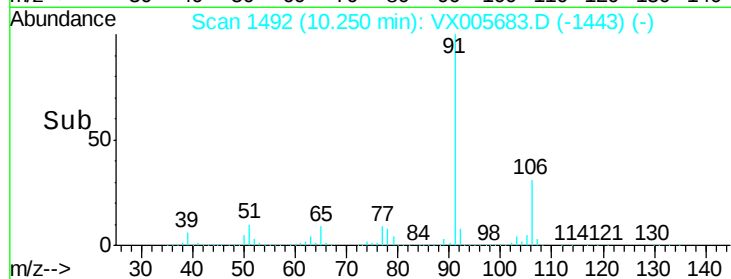
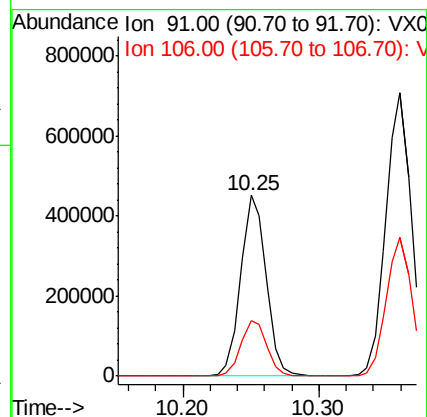
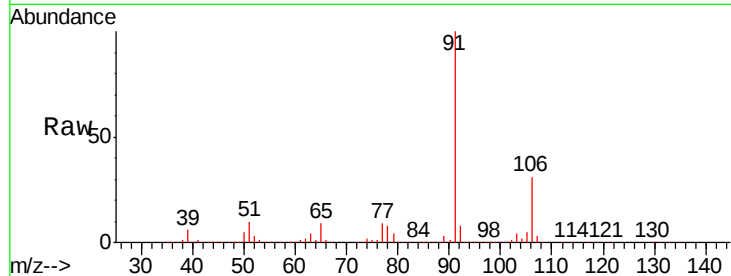
106 30.7 24.4 36.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 110.22 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005683.D

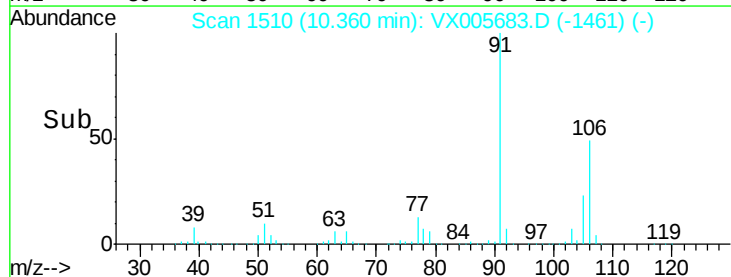
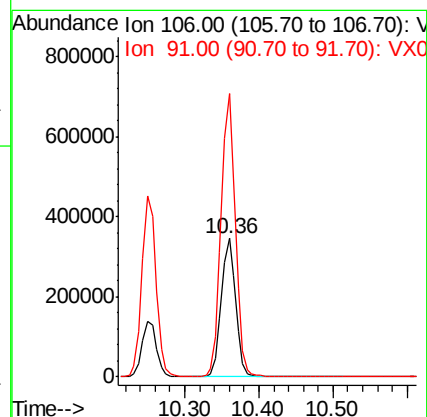
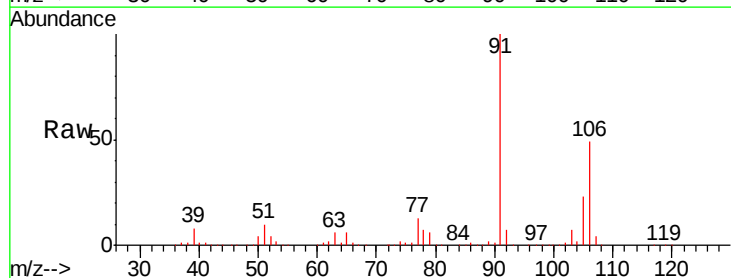
Acq: 30 Oct 2018 11:03

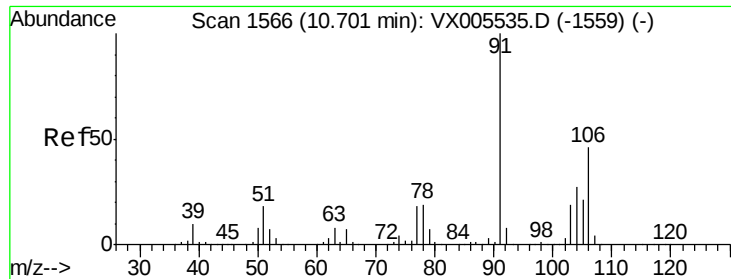
Tgt Ion: 106 Resp: 460108

Ion Ratio Lower Upper

106 100

91 203.7 164.2 246.4





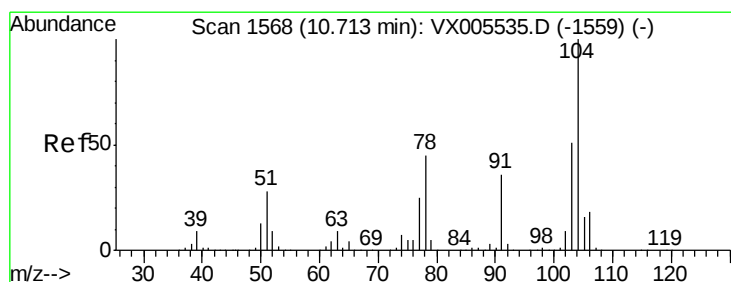
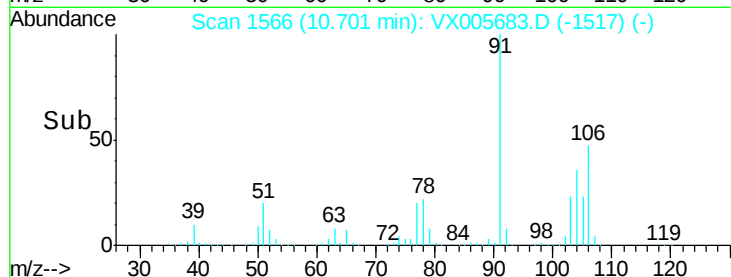
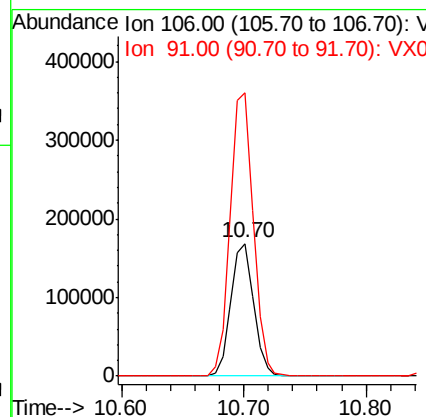
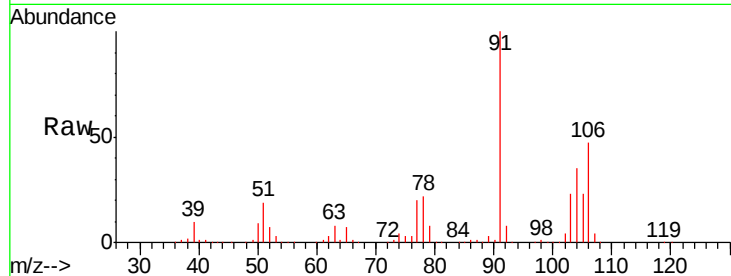
#69
o-Xylene
Concen: 55.48 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 217893
Ion Ratio Lower Upper
106 100
91 216.7 108.5 325.5

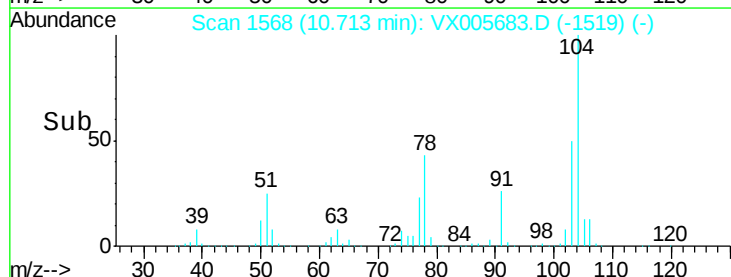
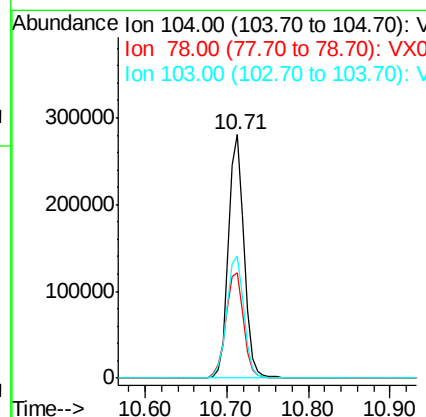
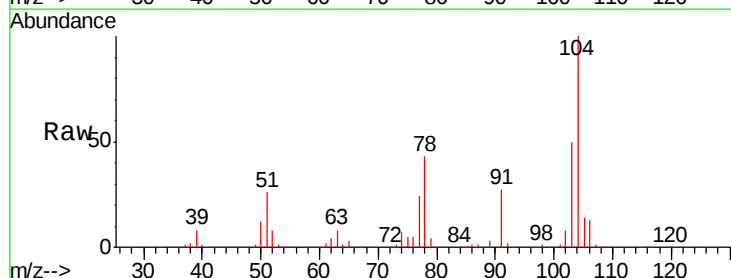
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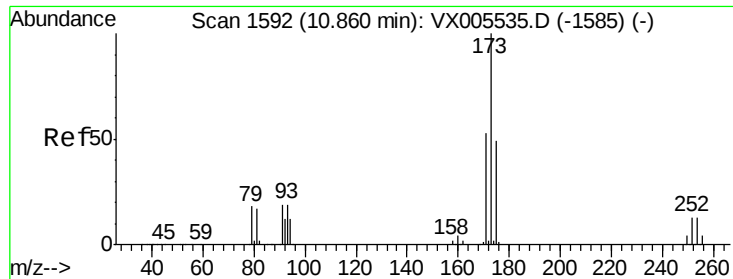
MMDadoda
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#70
Styrene
Concen: 56.38 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion:104 Resp: 370691
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.4
103 56.1 44.9 67.3





#71

Bromoform

Concen: 53.04 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

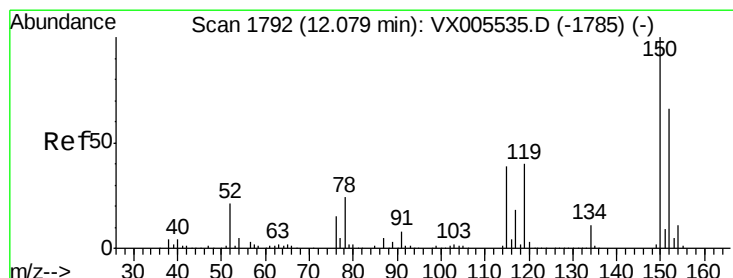
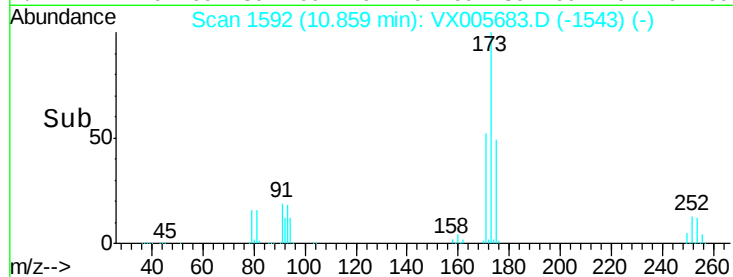
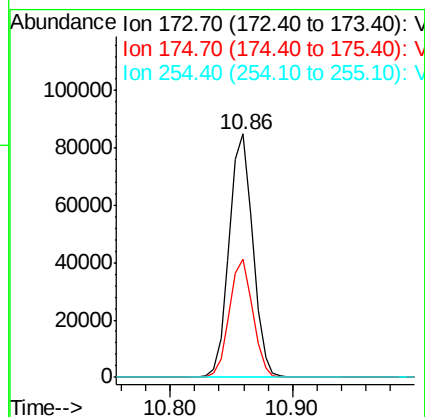
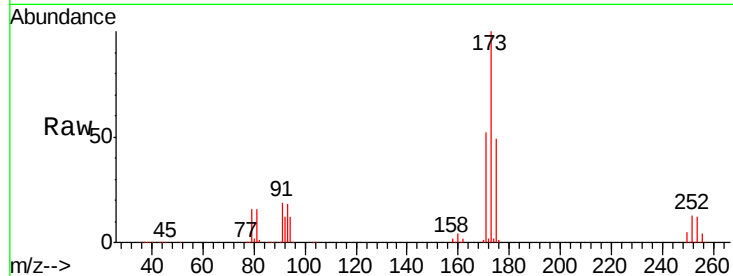
ClientSampleId :

VSTDCCC050

Tgt Ion:	173	Resp:	112862
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.8	74.3
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

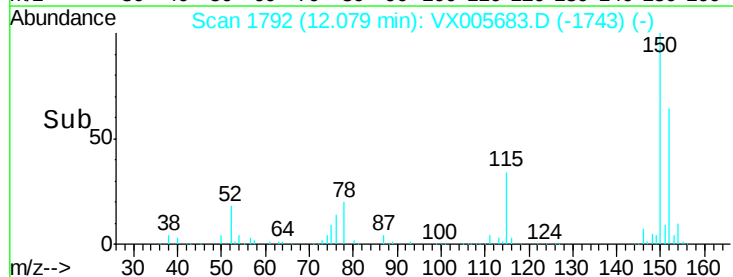
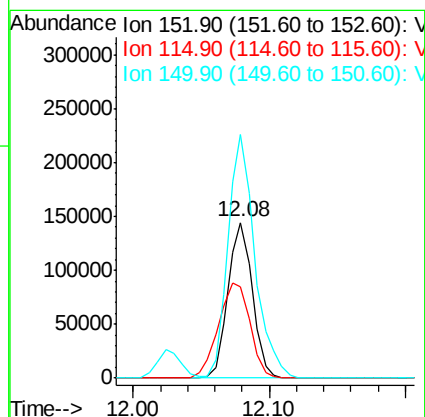
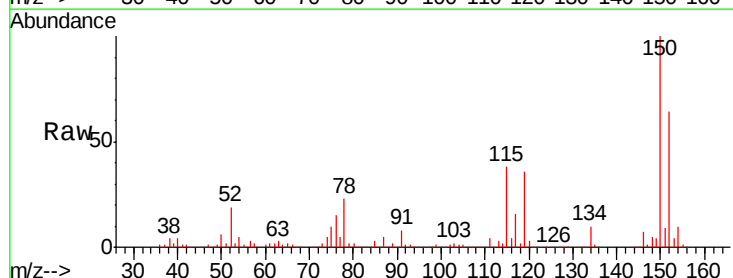
RT: 12.08 min Scan# 1792

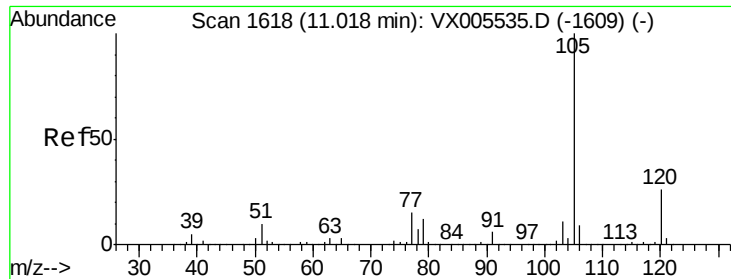
Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Tgt Ion:	152	Resp:	179227
Ion Ratio	Lower	Upper	
152	100		
115	79.2	39.4	118.1
150	172.9	0.0	346.4





#73

Isopropylbenzene

Concen: 55.26 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 605451

Ion Ratio Lower Upper

105 100

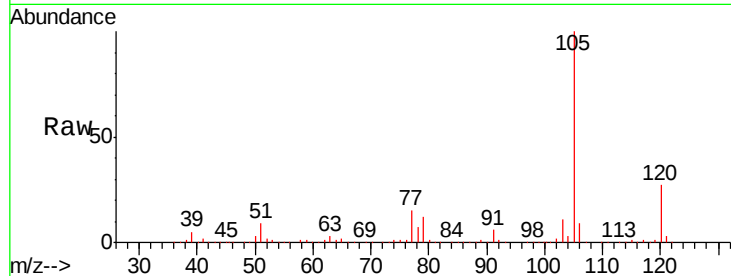
120 26.6 13.1 39.3

Manual Integrations

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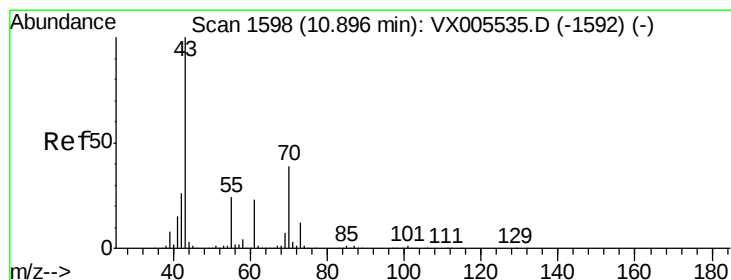
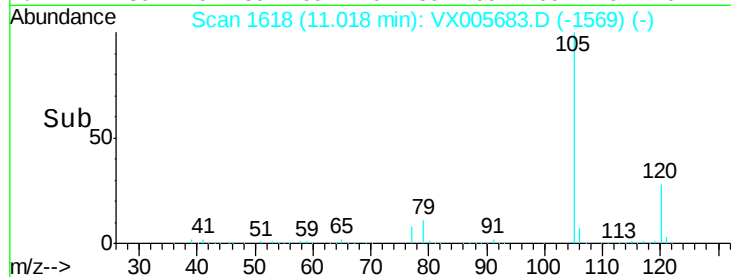
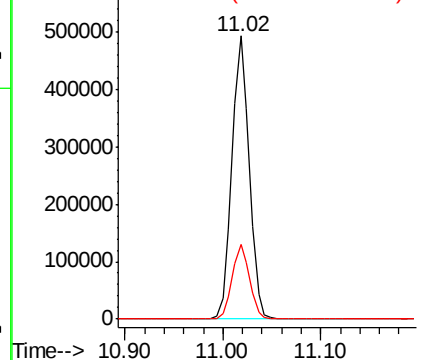
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.25 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Tgt Ion: 43 Resp: 289071

Ion Ratio Lower Upper

43 100

70 39.8 31.6 47.4

55 24.4 19.7 29.5

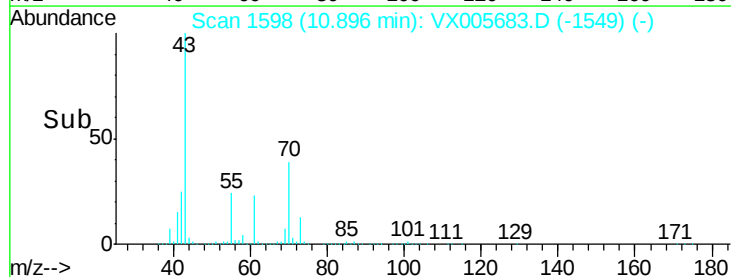
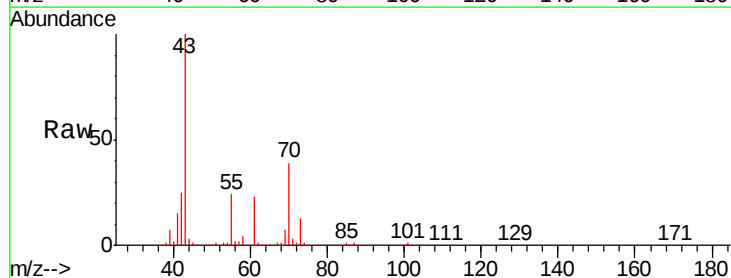
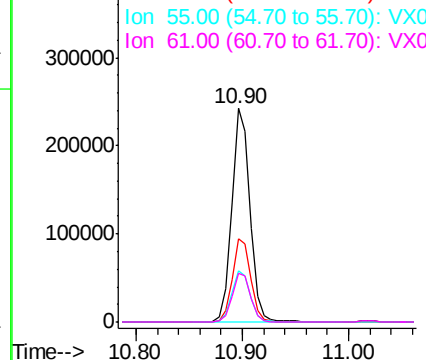
61 23.3 18.3 27.5

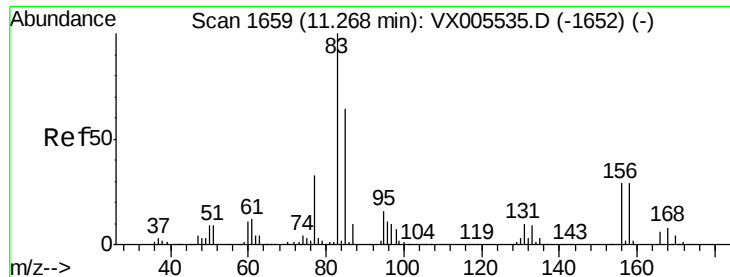
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.76 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

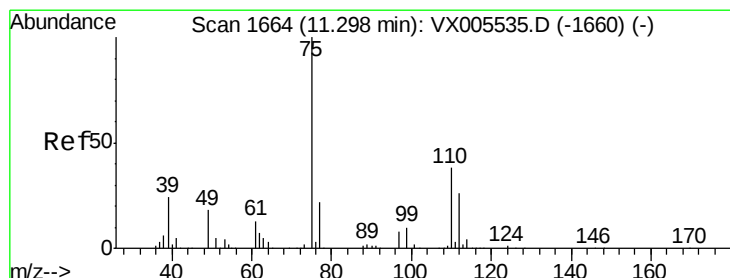
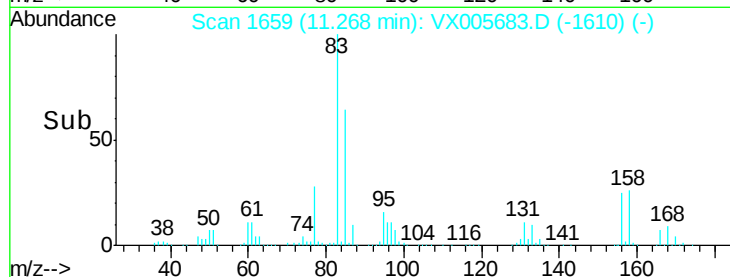
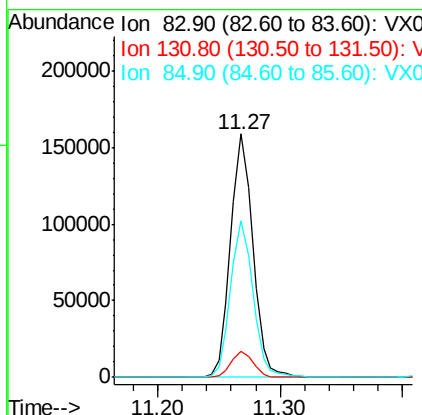
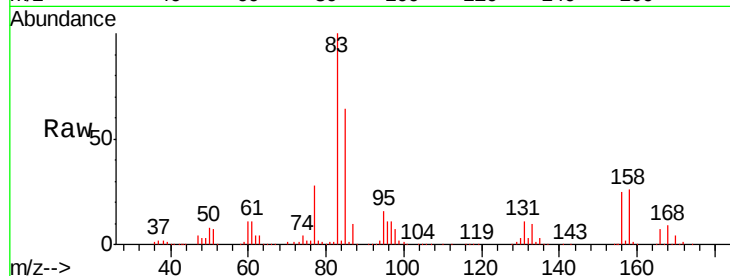
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	201107
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	15.9
85	64.8	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.10 ug/l m

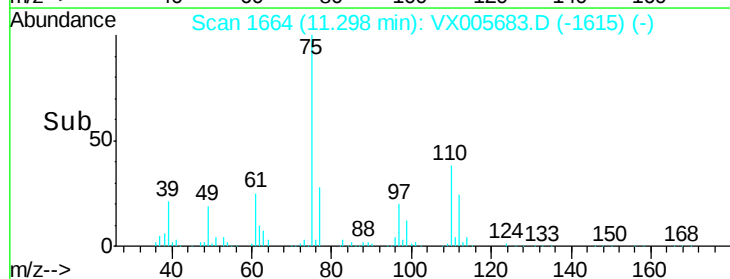
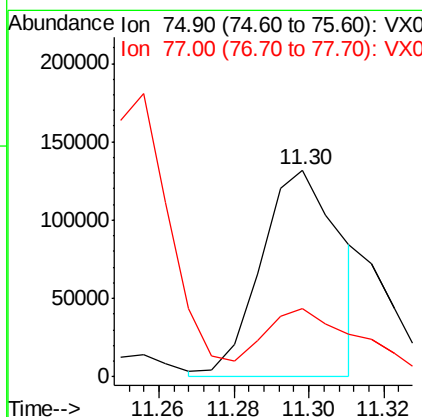
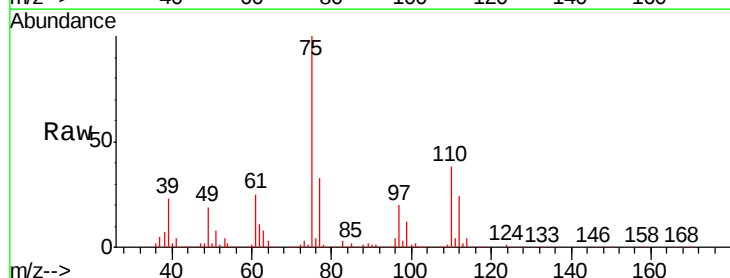
RT: 11.30 min Scan# 1664

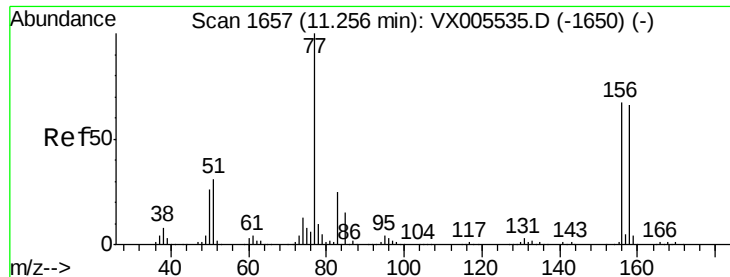
Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Tgt Ion:	75	Resp:	194058
Ion Ratio	Lower	Upper	
75	100		
77	40.0	20.5	61.6





#77

Bromobenzene

Concen: 52.78 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

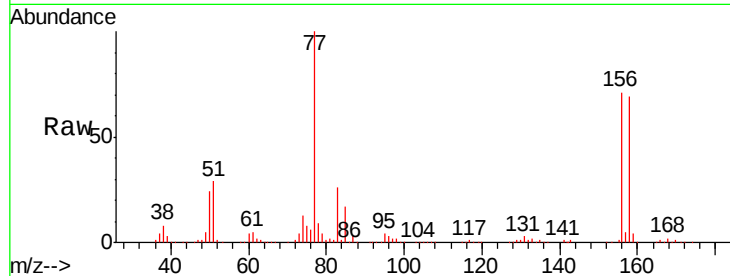
ClientSampleId :

VSTDCCC050

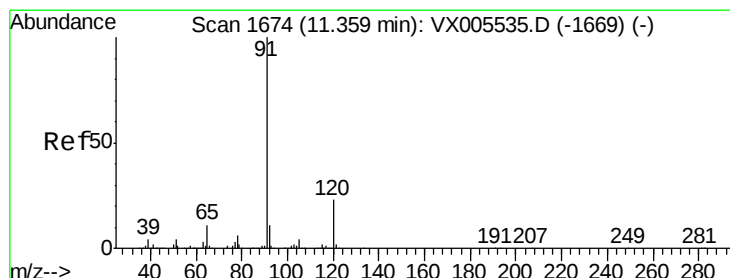
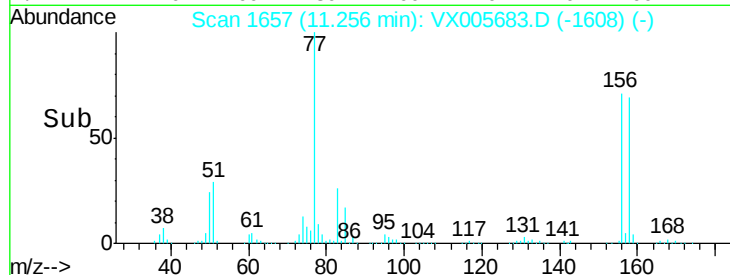
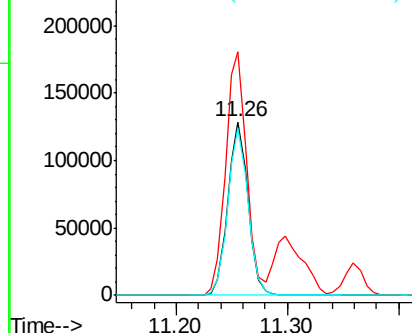
Tgt Ion:	156	Resp:	161150
Ion	Ratio	Lower	Upper
156	100		
77	146.1	74.8	224.4
158	97.0	49.1	147.3

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.27 ug/l

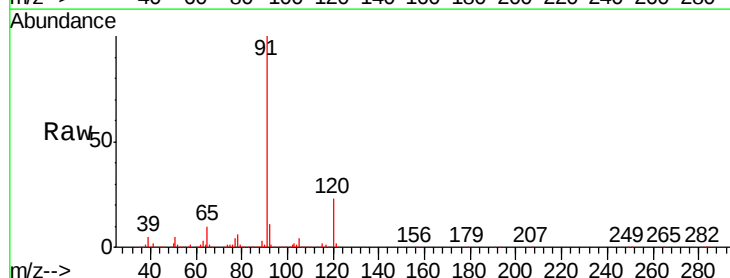
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

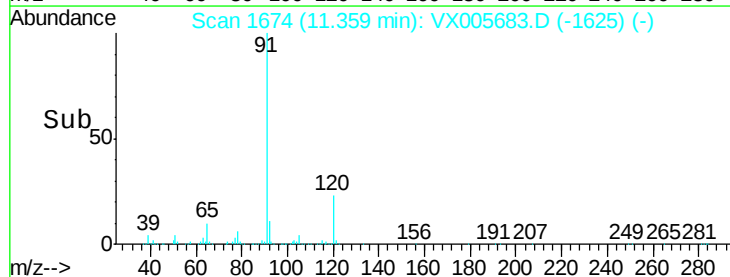
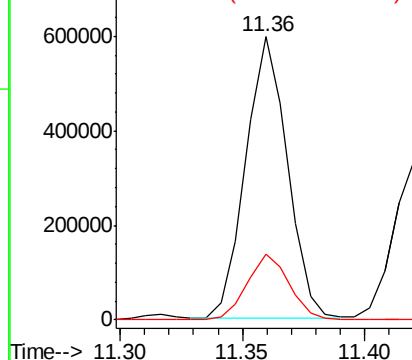
Lab File: VX005683.D

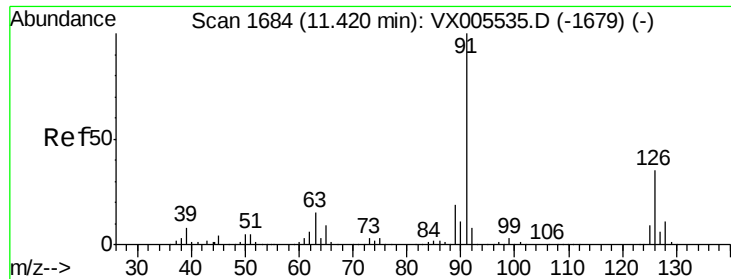
Acq: 30 Oct 2018 11:03

Tgt Ion:	91	Resp:	704956
Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





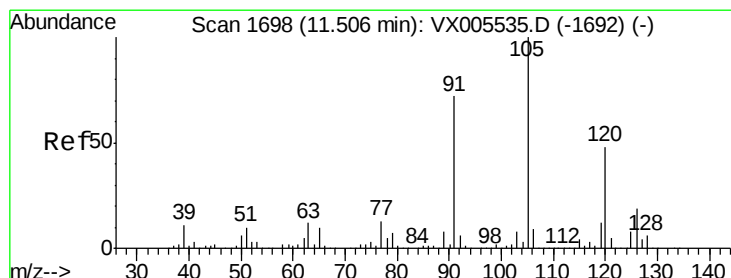
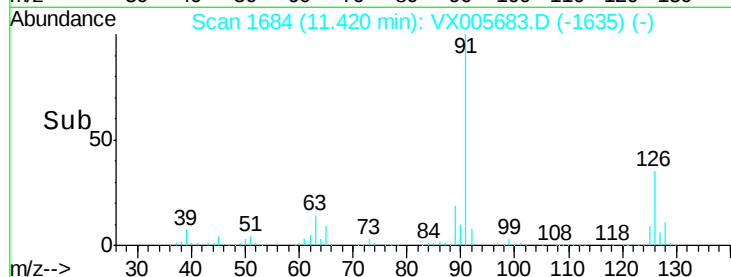
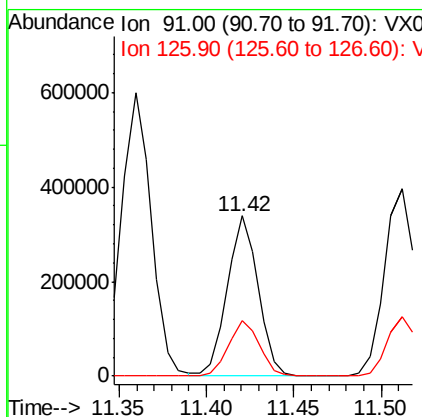
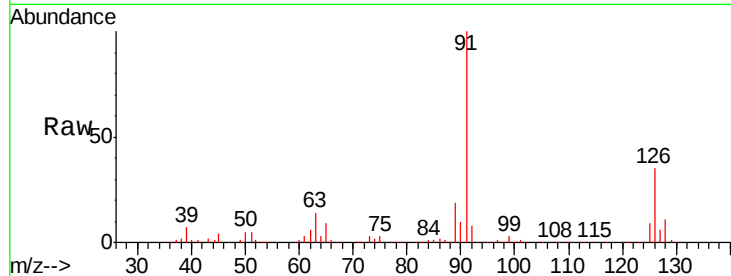
#79
 2-Chlorotoluene
 Concen: 53.23 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 413454
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.3 52.0

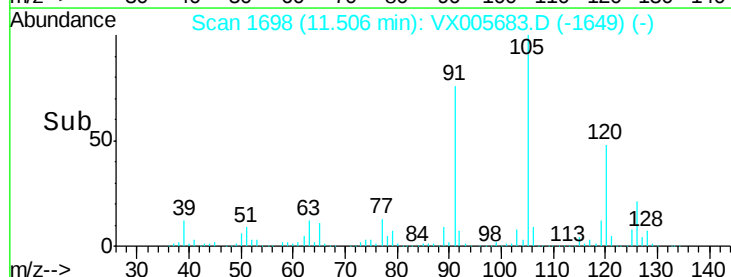
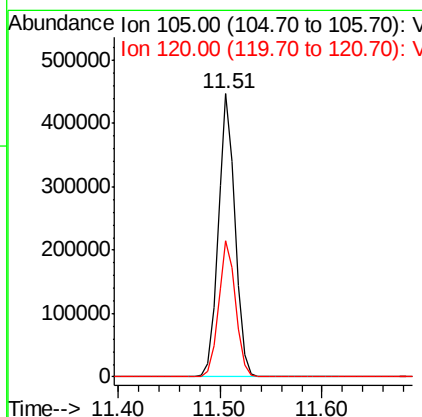
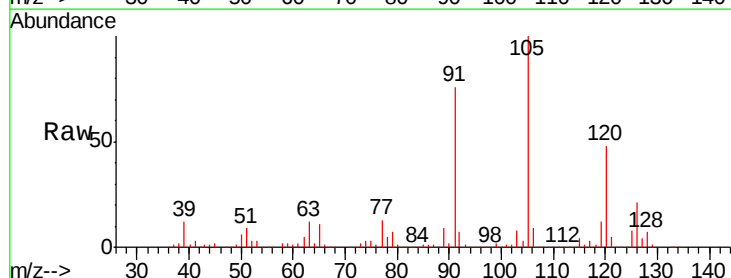
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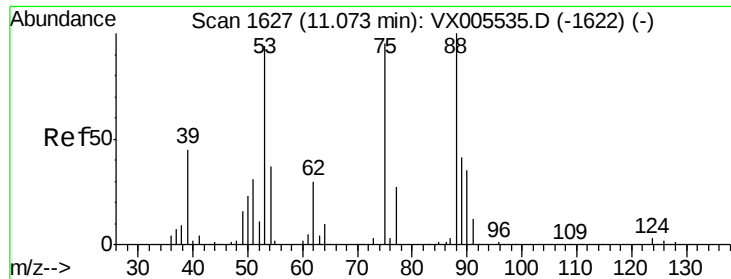
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#80
 1,3,5-Trimethylbenzene
 Concen: 55.17 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion: 105 Resp: 517093
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 53.46 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

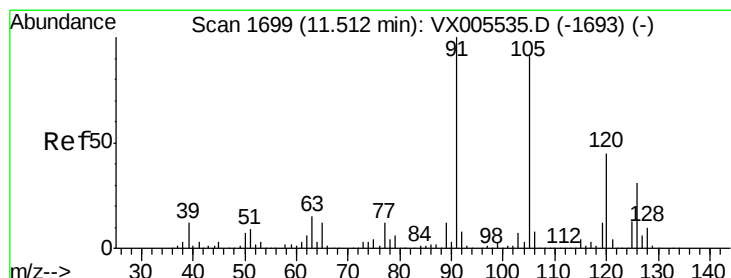
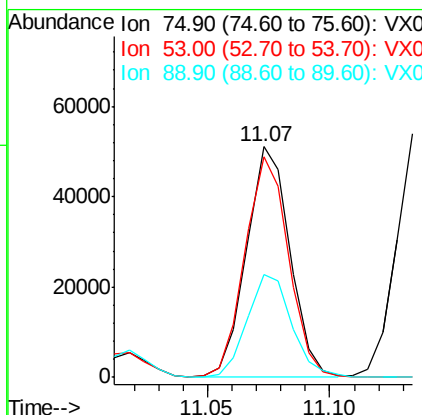
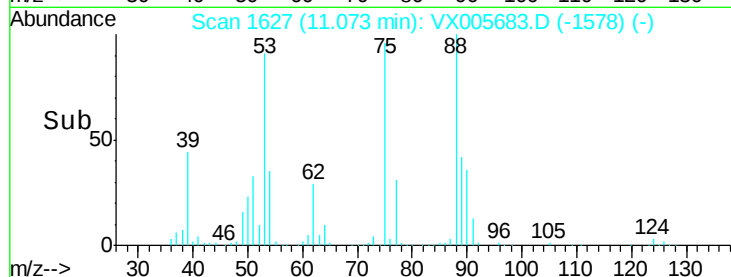
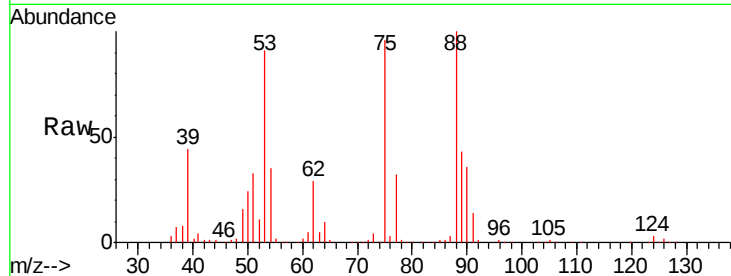
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	62133
Ion Ratio	Lower	Upper	
75	100		
53	96.9	80.2	120.2
89	46.9	39.8	59.8

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#82

4-Chlorotoluene

Concen: 53.78 ug/l

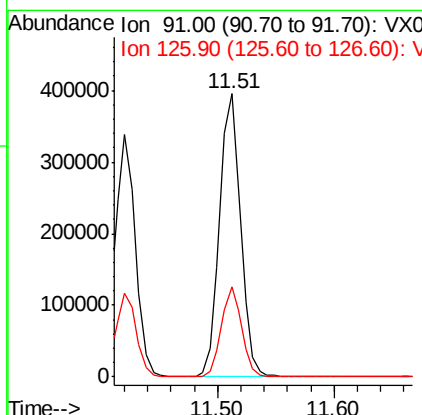
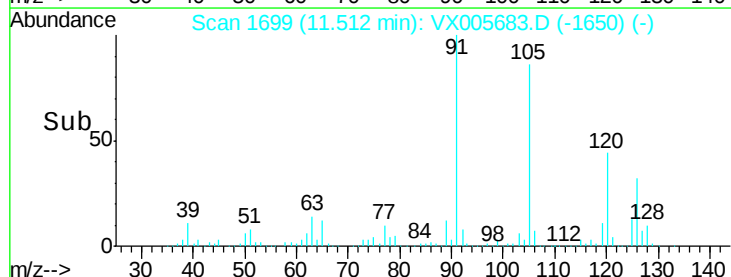
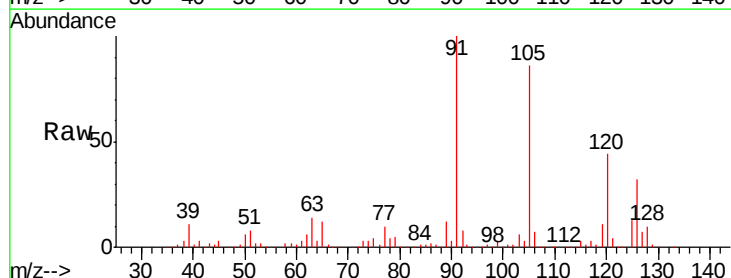
RT: 11.51 min Scan# 1699

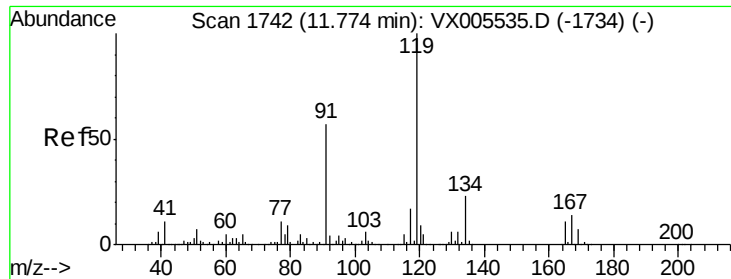
Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Tgt Ion:	91	Resp:	492568
Ion Ratio	Lower	Upper	
91	100		
126	30.8	15.2	45.6





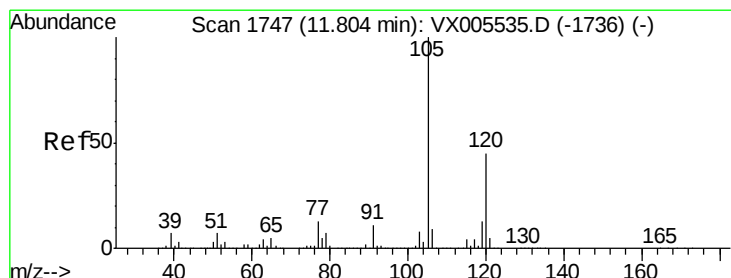
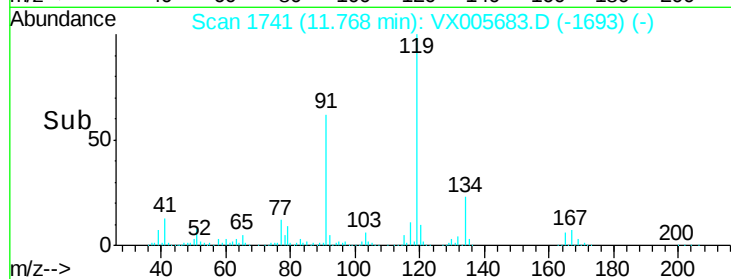
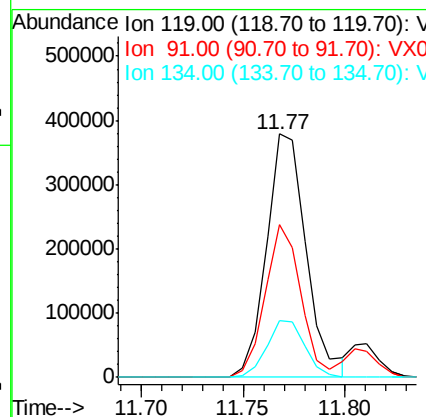
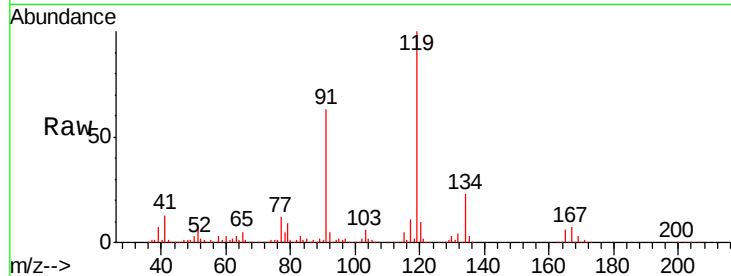
#83
 tert-Butylbenzene
 Concen: 55.03 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	514058		
91	56.4	28.5	85.5	
134	22.5	11.3	33.8	

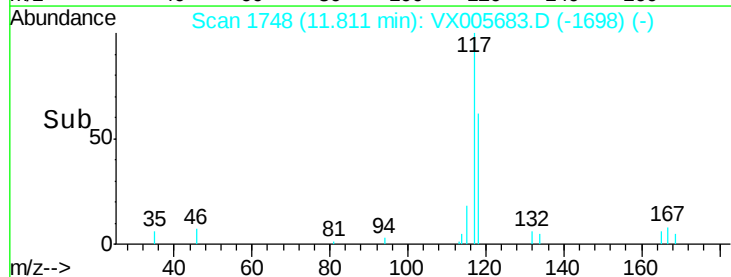
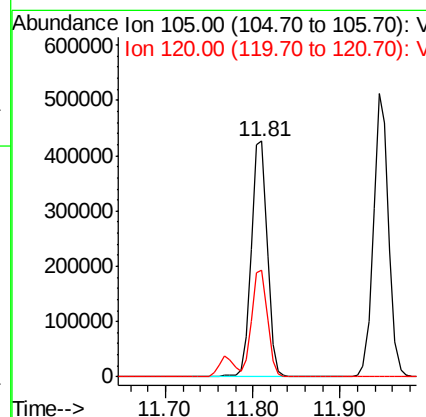
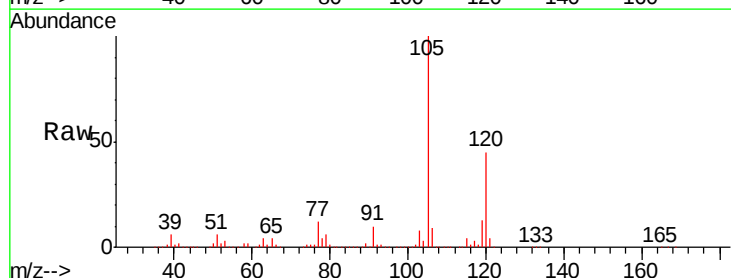
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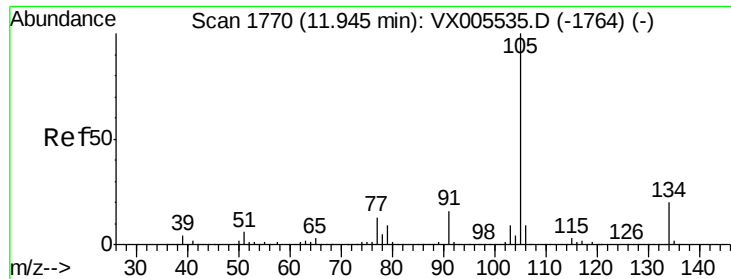
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.49 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	536541		
120	44.5	22.4	67.0	





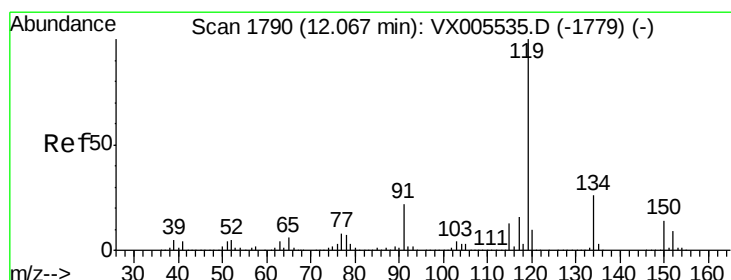
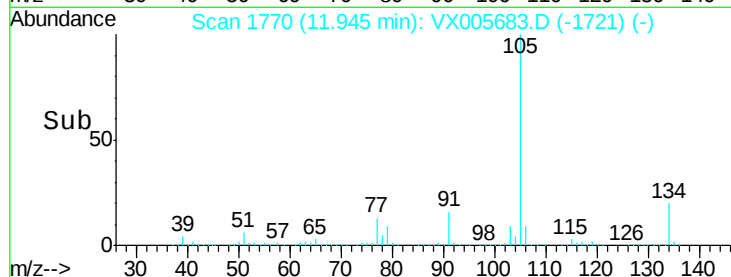
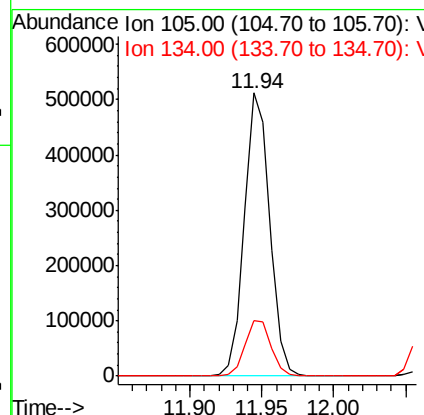
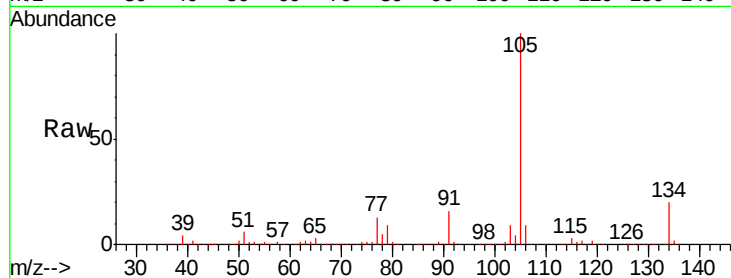
#85
 sec-Butylbenzene
 Concen: 55.92 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 623319
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

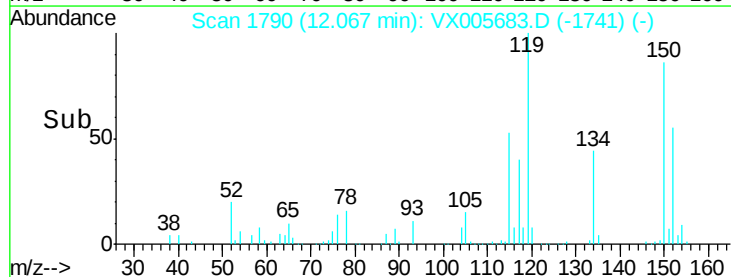
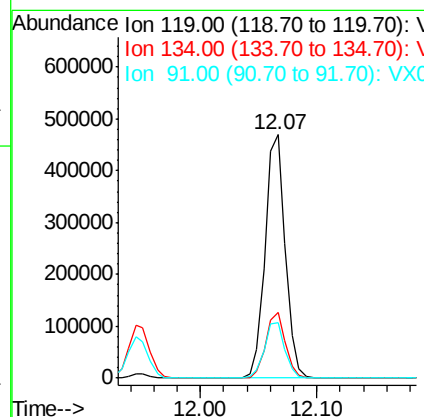
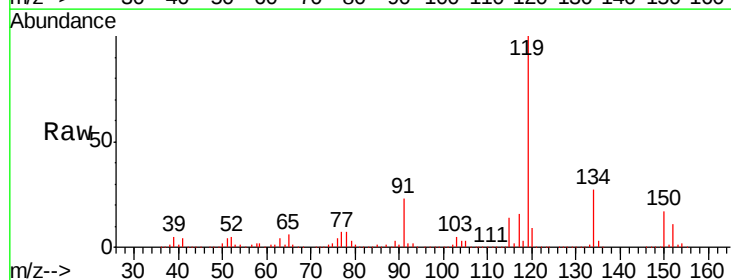
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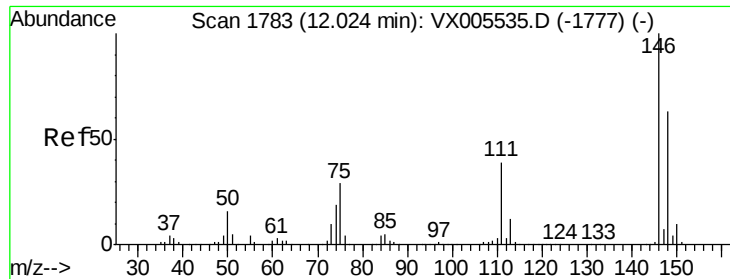
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#86
 p-Isopropyltoluene
 Concen: 57.02 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion:119 Resp: 568269
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 23.1 11.4 34.2





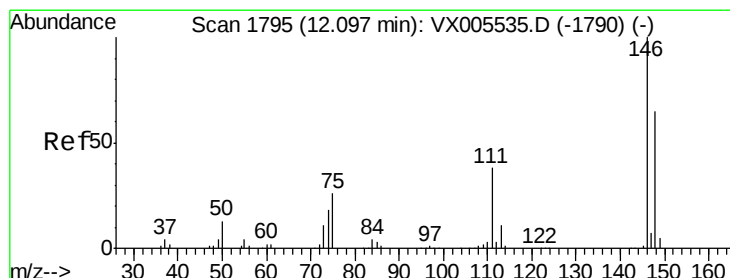
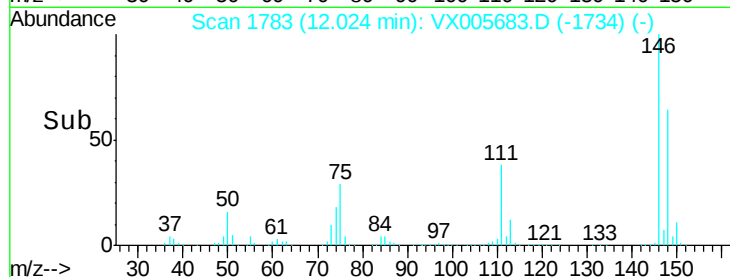
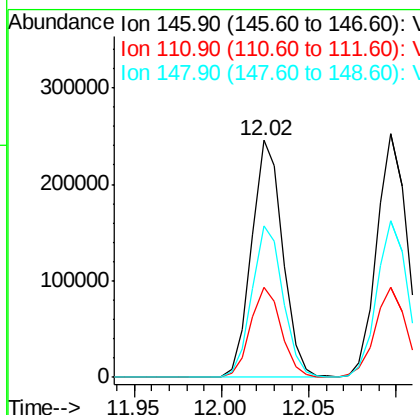
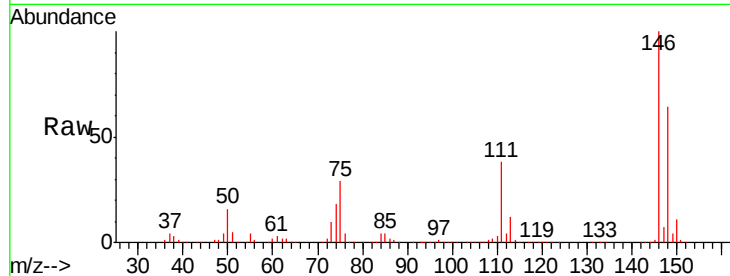
#87
 1,3-Dichlorobenzene
 Concen: 52.99 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	64.1	31.9	95.9

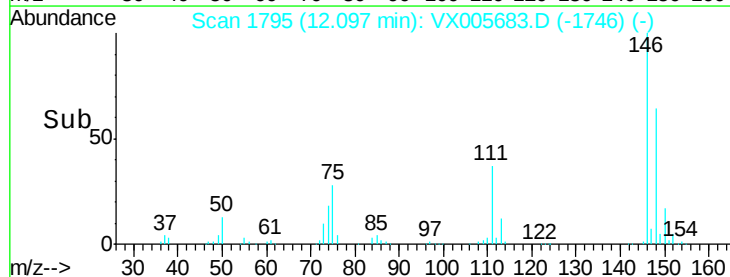
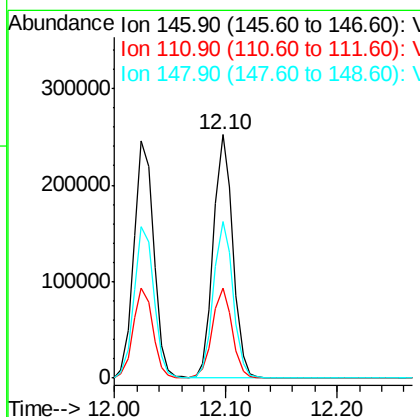
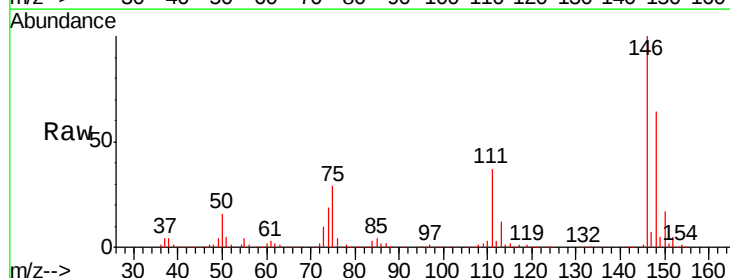
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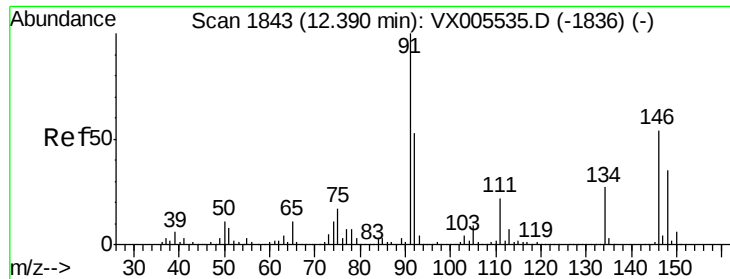
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#88
 1,4-Dichlorobenzene
 Concen: 51.14 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.8
148	64.6	32.1	96.3





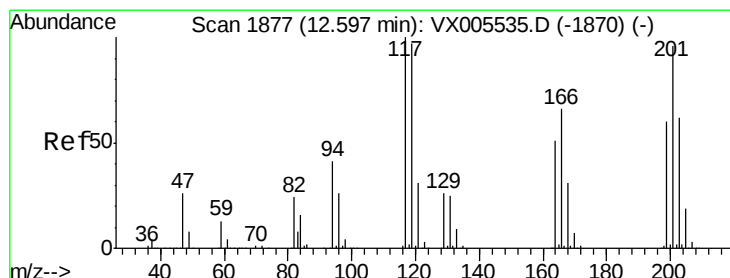
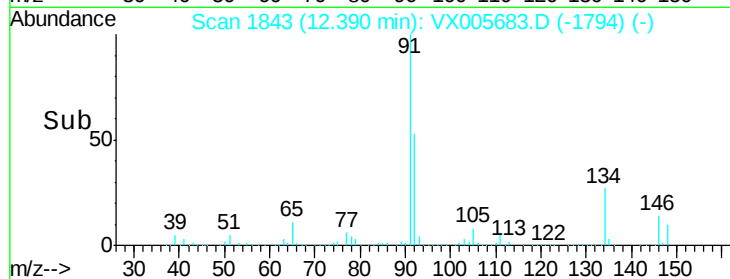
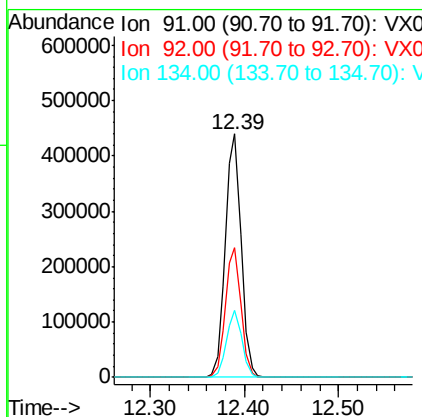
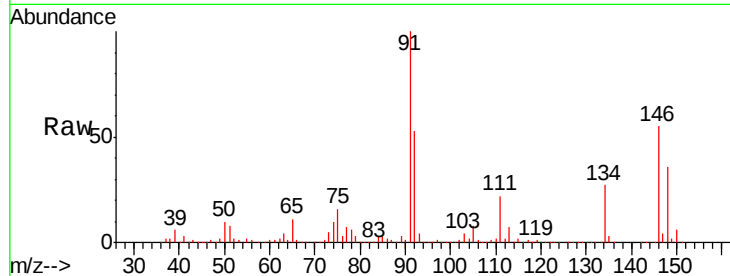
#89
n-Butylbenzene
Concen: 56.89 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.1	78.2
134	26.6	13.1	39.3

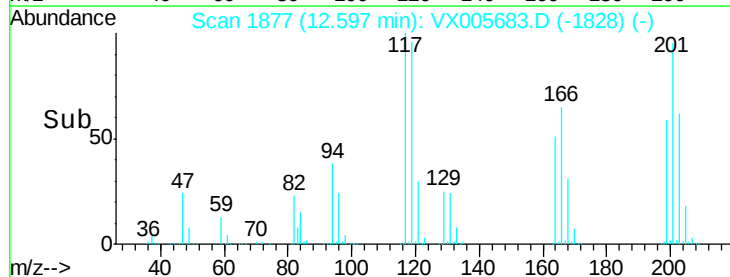
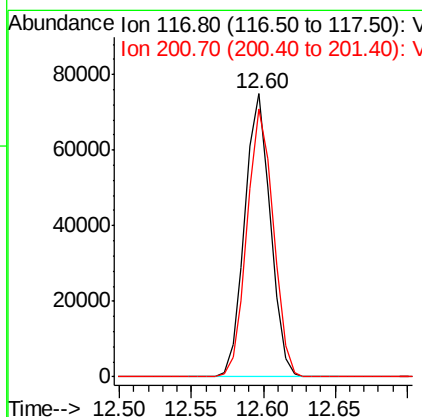
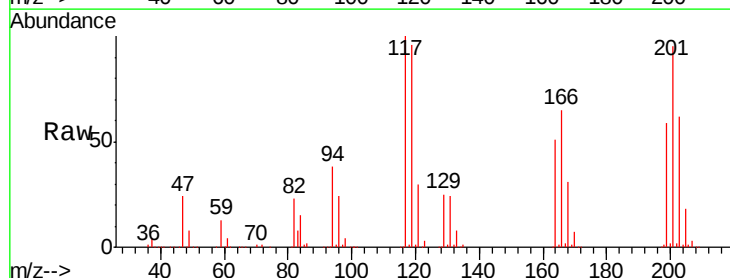
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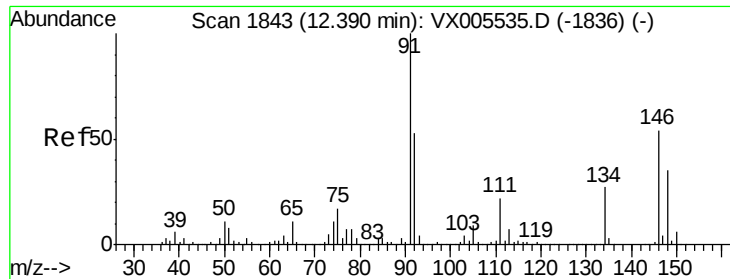
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#90
Hexachloroethane
Concen: 53.80 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005683.D
Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.5	47.9	143.6





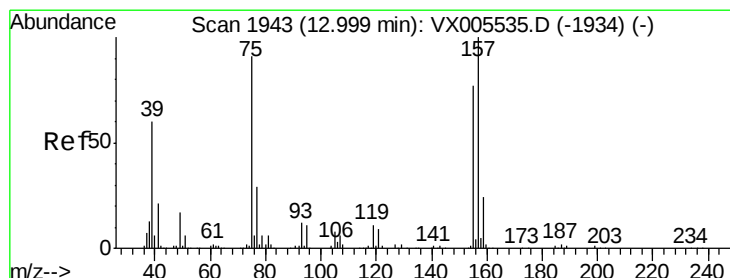
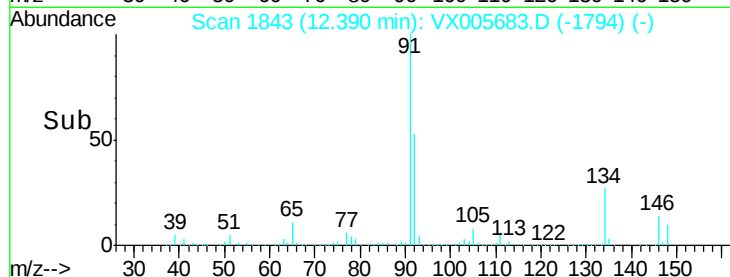
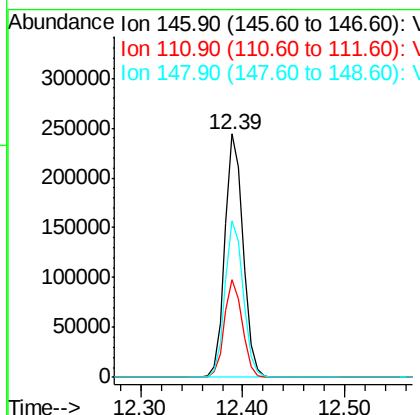
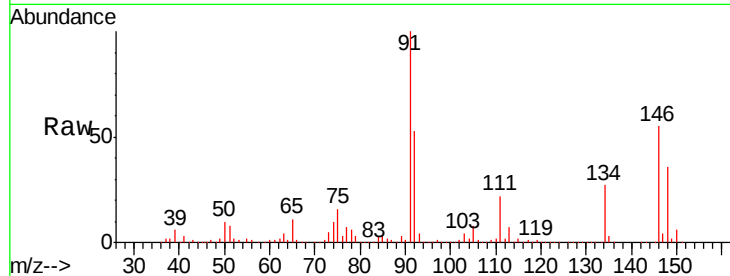
#91
 1,2-Dichlorobenzene
 Concen: 52.06 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	302420		
111	39.4	20.0	59.9	
148	64.4	32.2	96.6	

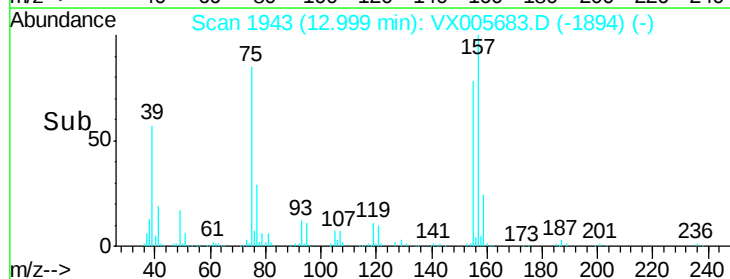
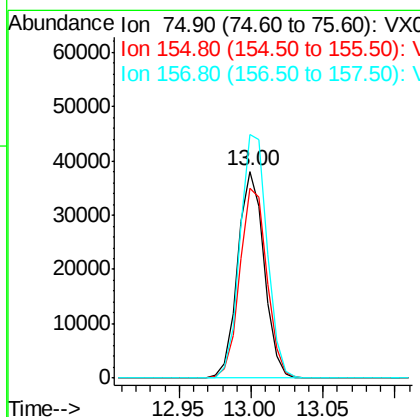
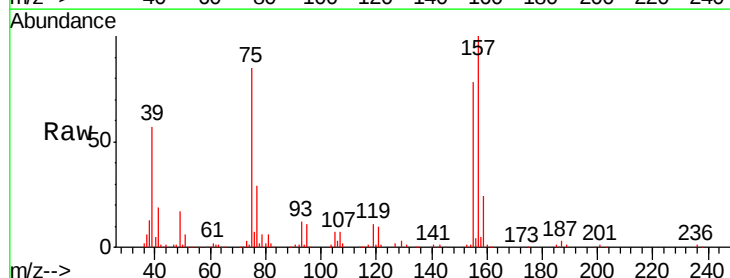
Manual Integrations
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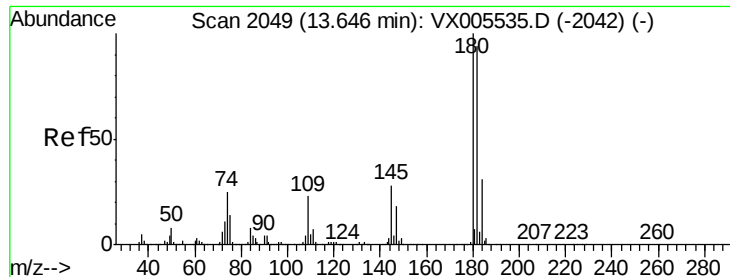
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.63 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	48506		
155	94.0	45.4	136.1	
157	120.5	57.4	172.0	





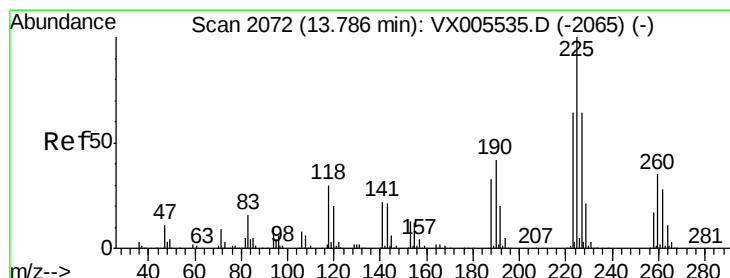
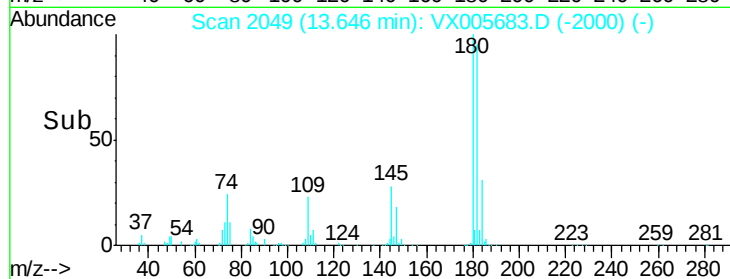
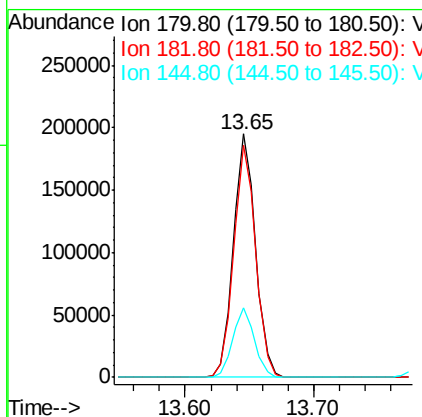
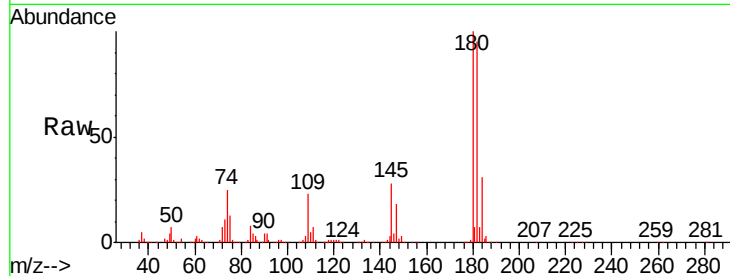
#93
 1,2,4-Trichlorobenzene
 Concen: 55.30 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	232854		
182	95.3	47.6	142.8	
145	28.3	14.1	42.2	

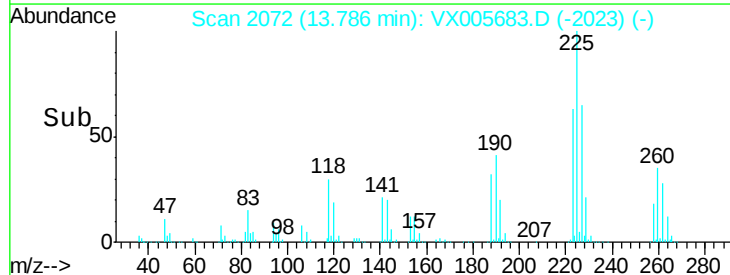
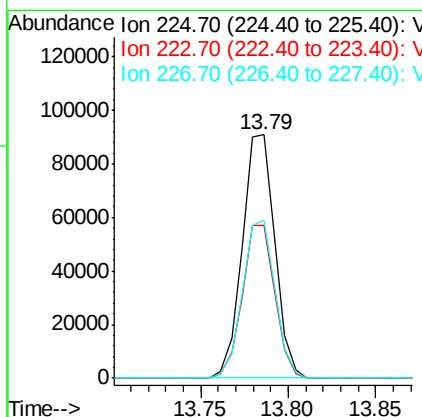
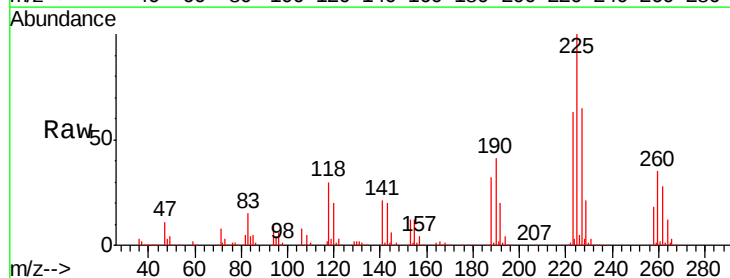
Manual Integrations
 APPROVED

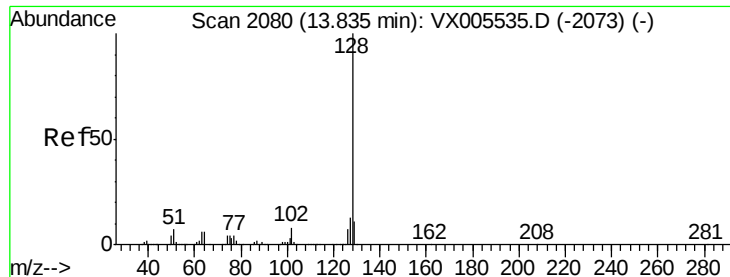
MMDadoda
 10/31/2018 11:07:02 AM



#94
 Hexachlorobutadiene
 Concen: 53.85 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005683.D
 Acq: 30 Oct 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	117510		
223	62.7	31.7	95.1	
227	64.3	32.3	96.9	





#95

Naphthalene

Concen: 56.23 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Instrument :

MSVOA_X

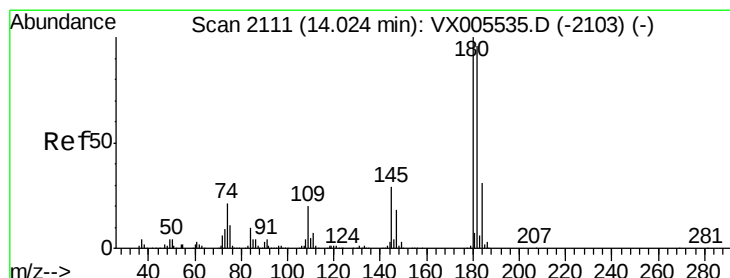
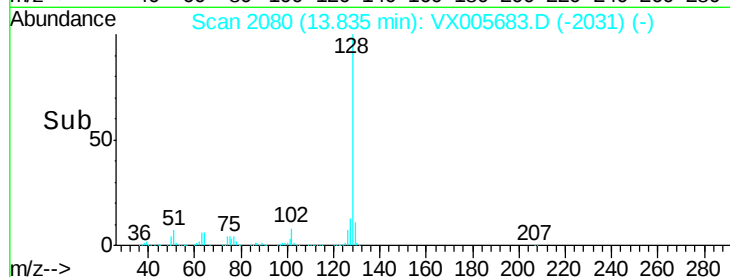
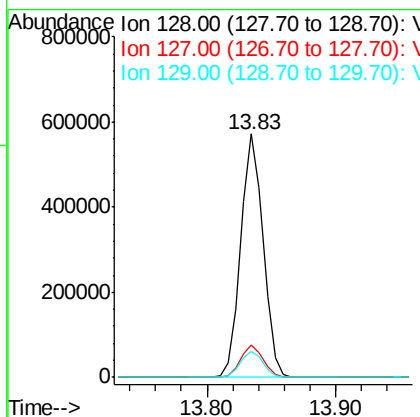
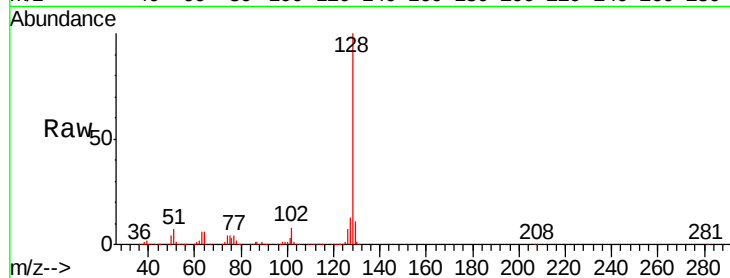
ClientSampleId :

VSTDCCC050

Tgt Ion:	128	Resp:	688329
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/31/2018 11:07:02 AM



#96

1,2,3-Trichlorobenzene

Concen: 54.50 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005683.D

Acq: 30 Oct 2018 11:03

Tgt Ion:	180	Resp:	232620
Ion Ratio		Lower	Upper
180	100		
182	96.4	48.0	144.2
145	29.9	15.1	45.3

