

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
 Data File : VX005329.D
 Acq On : 15 Oct 2018 08:15
 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
 10/16/2018 2:23:28 PM

Quant Time: Oct 16 03:58:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	292483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	407703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	379640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224785	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	153033	47.14	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.28%	
35) Dibromofluoromethane	5.50	113	127273	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
50) Toluene-d8	8.71	98	489459	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
62) 4-Bromofluorobenzene	11.13	95	185401	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	117057	51.19	ug/l	100
3) Chloromethane	1.32	50	156715	47.29	ug/l	100
4) Vinyl Chloride	1.41	62	162232	48.33	ug/l	100
5) Bromomethane	1.64	94	97893	51.62	ug/l	97
6) Chloroethane	1.71	64	98704	49.76	ug/l	94
7) Trichlorofluoromethane	1.92	101	226264	50.51	ug/l	94
8) Diethyl Ether	2.19	74	94642	49.48	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	137653	53.24	ug/l	97
10) Methyl Iodide	2.51	142	157058	55.13	ug/l	99
11) Tert butyl alcohol	3.07	59	211986	231.51	ug/l	99
12) 1,1-Dichloroethene	2.37	96	127517	49.78	ug/l	99
13) Acrolein	2.29	56	123272	210.63	ug/l	97
14) Allyl chloride	2.73	41	276719	49.20	ug/l	96
15) Acrylonitrile	3.15	53	478846	230.77	ug/l	98
16) Acetone	2.45	43	449922	239.72	ug/l	97
17) Carbon Disulfide	2.57	76	381612	49.18	ug/l	99
18) Methyl Acetate	2.78	43	250723	46.95	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	459590	50.94	ug/l	97
20) Methylene Chloride	2.85	84	146294	53.59	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	138449	48.77	ug/l	96
22) Diisopropyl ether	3.87	45	497043	52.62	ug/l	93
23) Vinyl Acetate	3.82	43	2209023	267.55	ug/l	95
24) 1,1-Dichloroethane	3.70	63	268196	49.54	ug/l	98
25) 2-Butanone	4.70	43	629693	229.31	ug/l	94
26) 2,2-Dichloropropane	4.58	77	207306	51.20	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	144949	46.98	ug/l	96
28) Bromochloromethane	5.02	49	115501	46.80	ug/l	95
29) Tetrahydrofuran	5.15	42	397077	226.69	ug/l	93
30) Chloroform	5.21	83	240166	47.79	ug/l	99
31) Cyclohexane	5.57	56	219169	49.12	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	212662	48.64	ug/l	99
36) 1,1-Dichloropropene	5.79	75	189018	47.87	ug/l	99
37) Ethyl Acetate	4.85	43	226152	44.54	ug/l	98
38) Carbon Tetrachloride	5.78	117	191909	48.37	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	226719	53.05	ug/l	97
40) Benzene	6.14	78	542300	45.78	ug/l	99
41) Methacrylonitrile	5.06	41	126025	46.29	ug/l	96
42) 1,2-Dichloroethane	6.20	62	191579	45.81	ug/l	97
43) Isopropyl Acetate	6.46	43	338208	50.00	ug/l	97
44) Trichloroethene	7.21	130	153616	50.80	ug/l	100
45) 1,2-Dichloropropane	7.51	63	144616	49.77	ug/l	99
46) Dibromomethane	7.66	93	93361	48.68	ug/l	97
47) Bromodichloromethane	7.90	83	182786	51.53	ug/l	99
48) Methyl methacrylate	7.77	41	179527	51.17	ug/l	95
49) 1,4-Dioxane	7.75	88	76812	949.25	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1196605	255.48	ug/l	95
52) Toluene	8.79	92	349256	53.90	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	213424	55.60	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	229702	55.22	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	141051	51.39	ug/l	97
56) Ethyl methacrylate	9.18	69	222941	55.72	ug/l	97
57) 1,3-Dichloropropane	9.37	76	236888	51.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	614231	273.72	ug/l	95
59) 2-Hexanone	9.49	43	970412	257.57	ug/l	94
60) Dibromochloromethane	9.58	129	153911	54.25	ug/l	100
61) 1,2-Dibromoethane	9.67	107	148376	51.51	ug/l	99
64) Tetrachloroethene	9.34	164	157112	51.41	ug/l	99
65) Chlorobenzene	10.14	112	395288	48.95	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	144998	50.39	ug/l	99
67) Ethyl Benzene	10.25	91	682222	51.97	ug/l	97
68) m/p-Xylenes	10.36	106	534753	104.95	ug/l	96
69) o-Xylene	10.70	106	255731	52.04	ug/l	98
70) Styrene	10.71	104	433863	53.68	ug/l	98
71) Bromoform	10.86	173	131931	51.30	ug/l	99
73) Isopropylbenzene	11.02	105	699207	52.32	ug/l	100
74) N-amyl acetate	10.90	43	324106	50.29	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	232721	46.17	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	222878m	51.12	ug/l	
77) Bromobenzene	11.26	156	190274	49.80	ug/l	99
78) n-propylbenzene	11.36	91	815884	53.06	ug/l	100
79) 2-Chlorotoluene	11.42	91	473920	50.32	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	604566	52.83	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	73441	51.18	ug/l	93
82) 4-Chlorotoluene	11.51	91	570453	51.10	ug/l	100
83) tert-Butylbenzene	11.77	119	605570	52.26	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	621921	52.81	ug/l	98
85) sec-Butylbenzene	11.94	105	732525	53.42	ug/l	100
86) p-Isopropyltoluene	12.07	119	673195	54.31	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	360177	50.45	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	365343	50.02	ug/l	99
89) n-Butylbenzene	12.39	91	607476	53.98	ug/l	98
90) Hexachloroethane	12.60	117	107996	50.56	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	358672	49.23	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56446	45.91	ug/l	99

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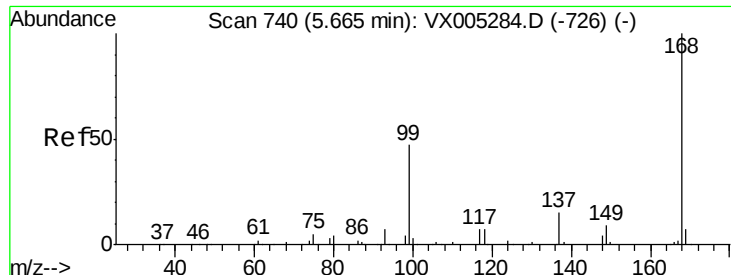
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286085	53.52	ug/l	99
94) Hexachlorobutadiene	13.78	225	148527	52.61	ug/l	97
95) Naphthalene	13.83	128	820233	52.91	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	283715	51.87	ug/l	99

(#) = 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: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 292483

Ion Ratio Lower Upper

168 100

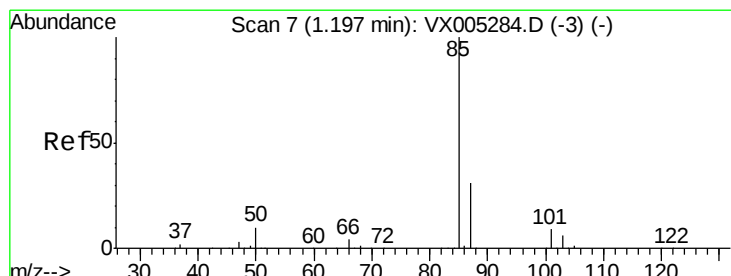
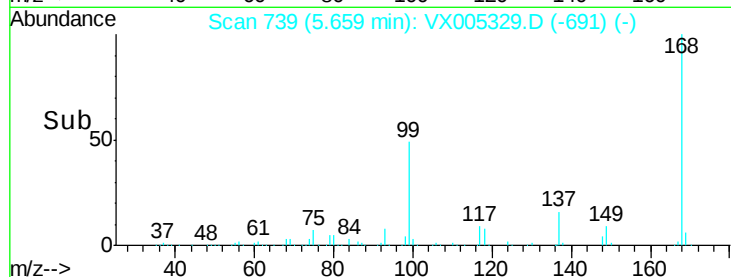
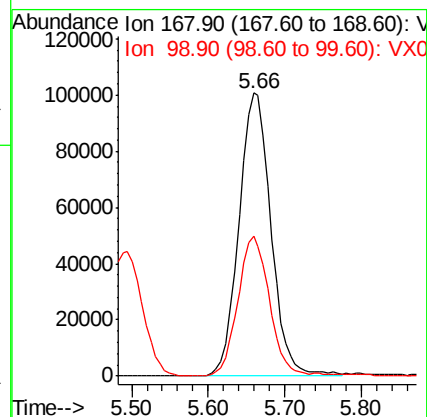
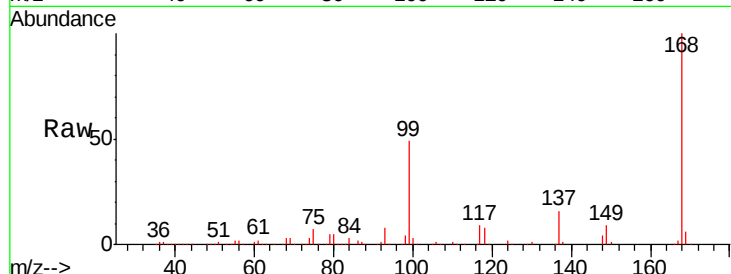
99 49.4 39.9 59.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 51.19 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005329.D

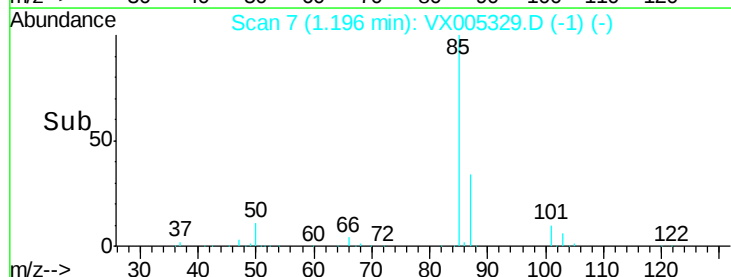
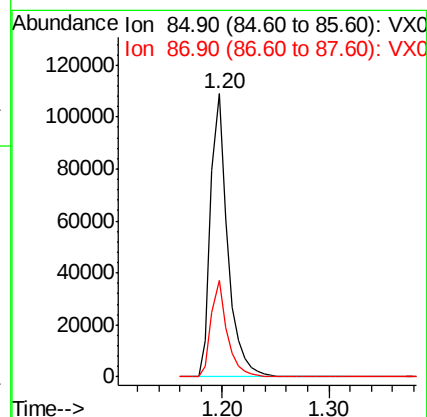
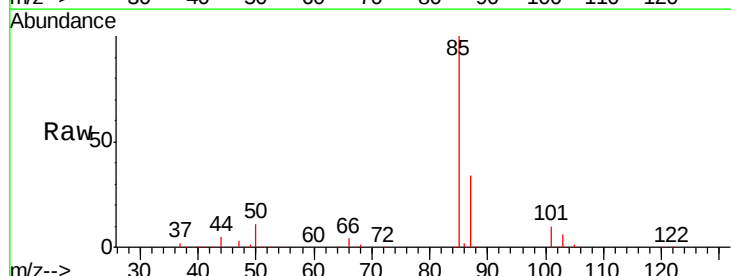
Acq: 15 Oct 2018 08:15

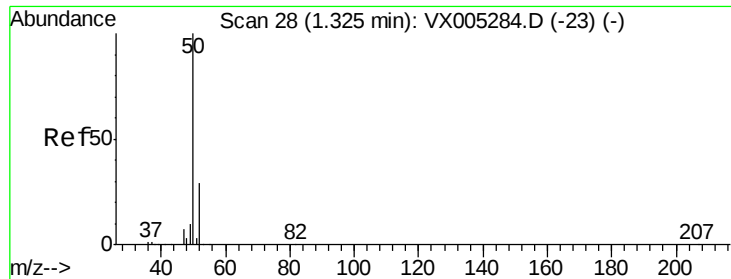
Tgt Ion: 85 Resp: 117057

Ion Ratio Lower Upper

85 100

87 34.1 17.0 50.9





#3

Chloromethane

Concen: 47.29 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 156715

Ion Ratio Lower Upper

50 100

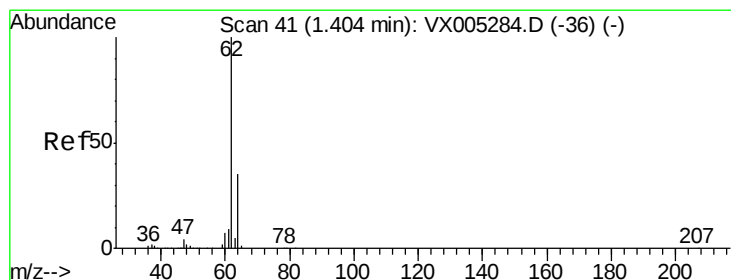
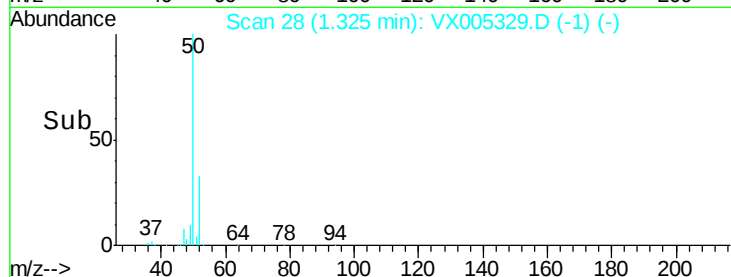
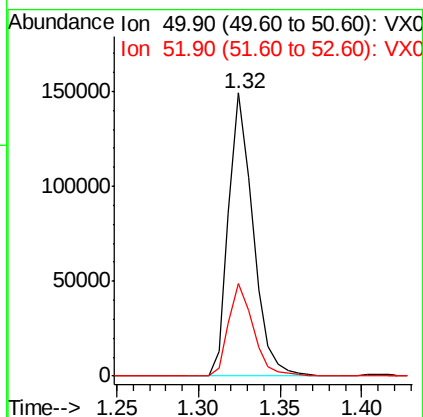
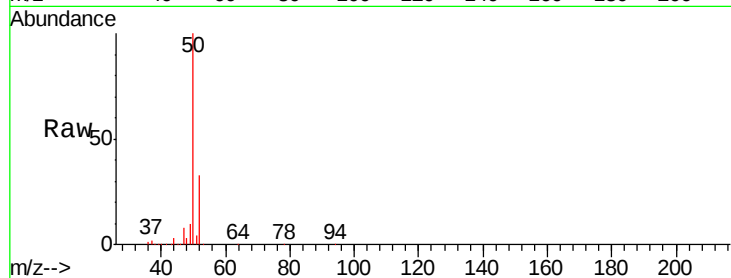
52 32.9 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.33 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005329.D

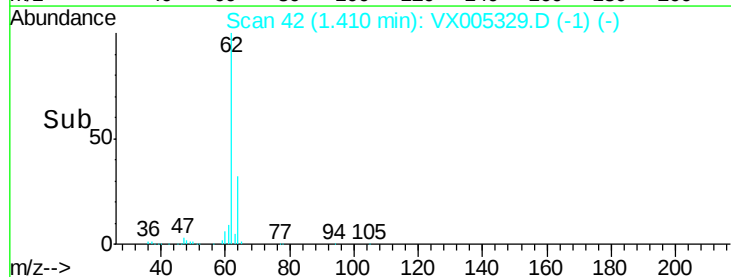
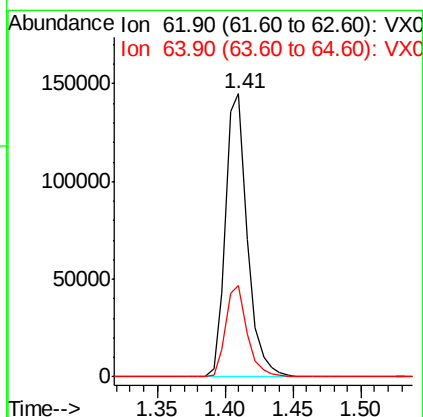
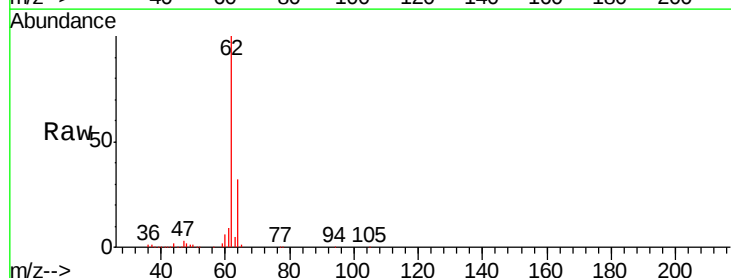
Acq: 15 Oct 2018 08:15

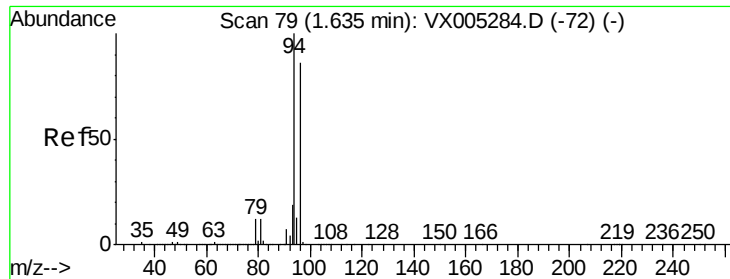
Tgt Ion: 62 Resp: 162232

Ion Ratio Lower Upper

62 100

64 32.5 25.8 38.8





#5

Bromomethane

Concen: 51.62 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 97893

Ion Ratio Lower Upper

94 100

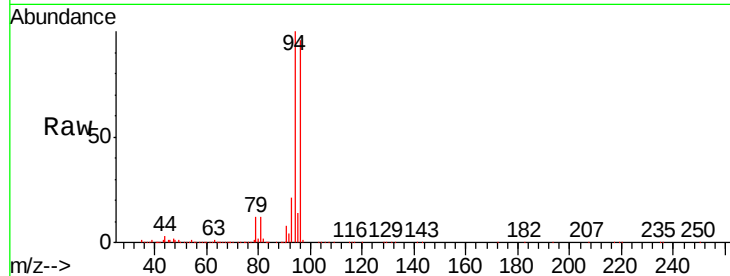
96 95.9 74.5 111.7

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

120000

100000

80000

60000

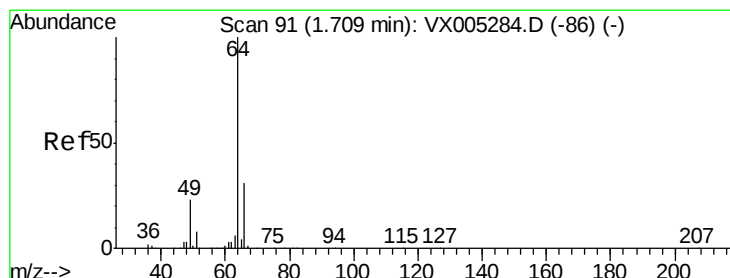
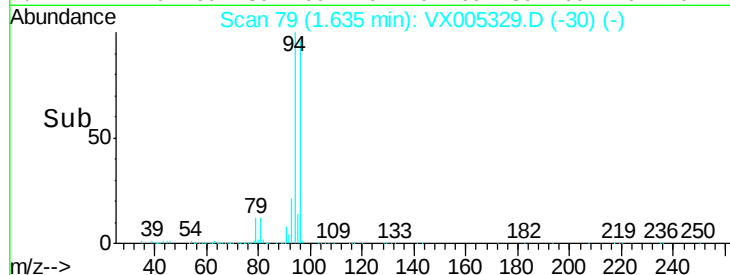
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 49.76 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005329.D

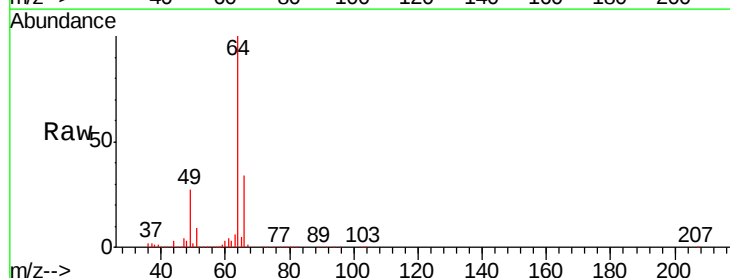
Acq: 15 Oct 2018 08:15

Tgt Ion: 64 Resp: 98704

Ion Ratio Lower Upper

64 100

66 33.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

80000

60000

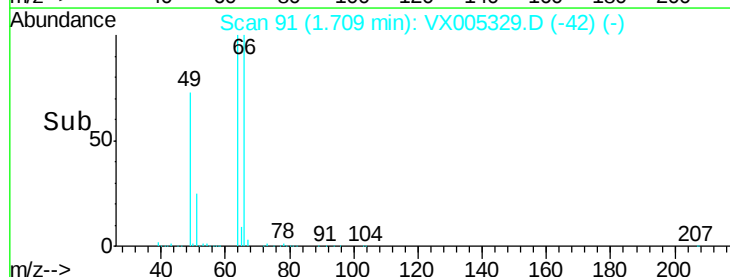
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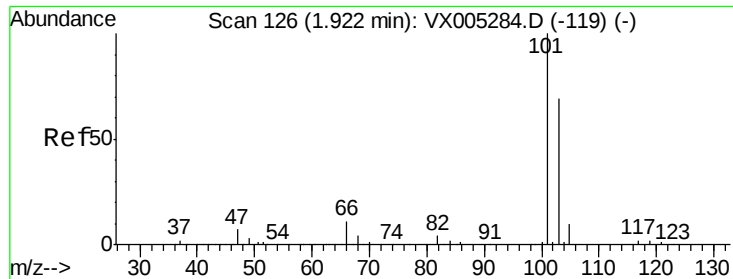
20000

0

1.60 1.65 1.70 1.75 1.80

Time-->





#7

Trichlorofluoromethane

Concen: 50.51 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

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ClientSampleId :

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Tgt Ion: 101 Resp: 226264

Ion Ratio Lower Upper

101 100

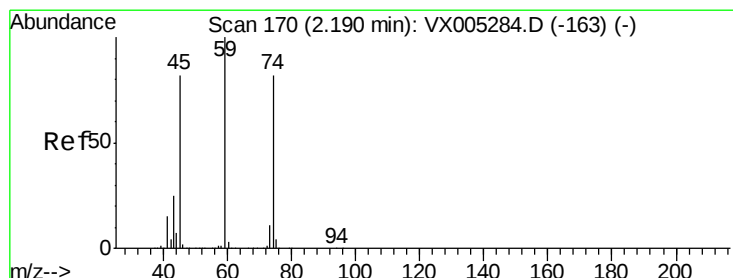
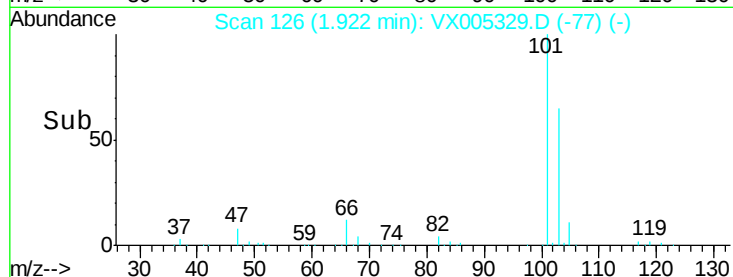
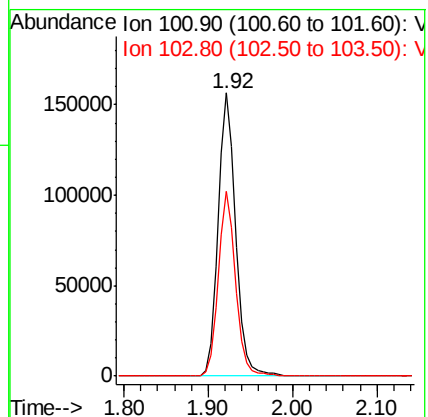
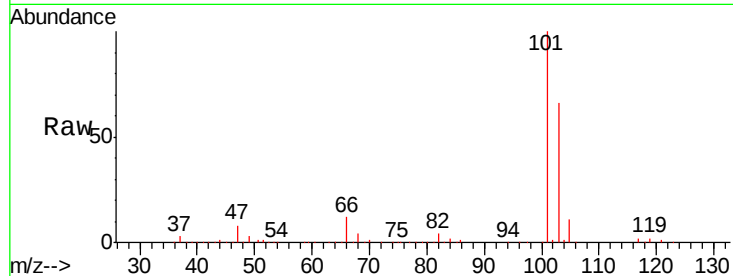
103 65.5 48.9 73.3

Manual Integrations

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#8

Diethyl Ether

Concen: 49.48 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005329.D

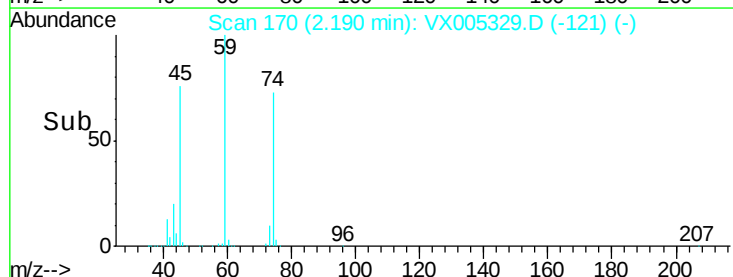
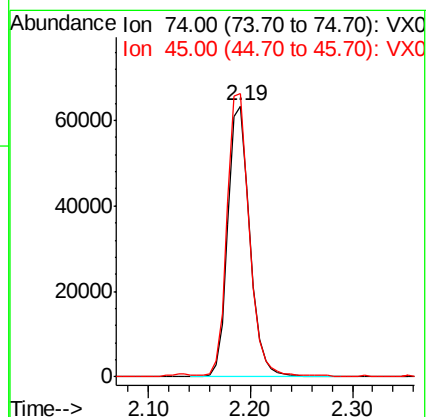
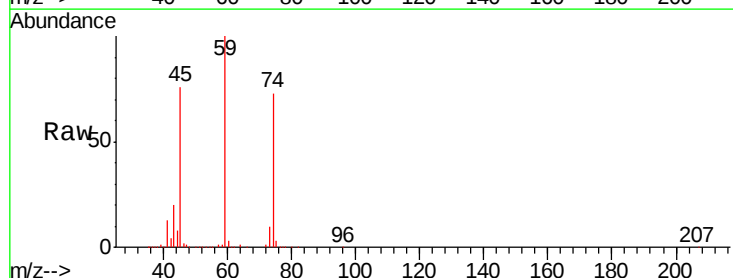
Acq: 15 Oct 2018 08:15

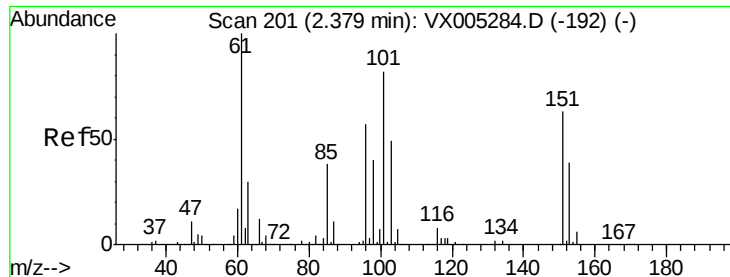
Tgt Ion: 74 Resp: 94642

Ion Ratio Lower Upper

74 100

45 105.3 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.24 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

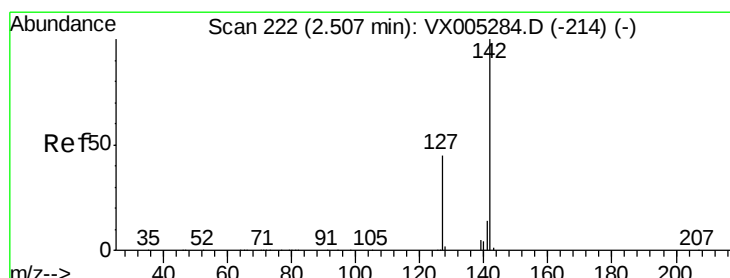
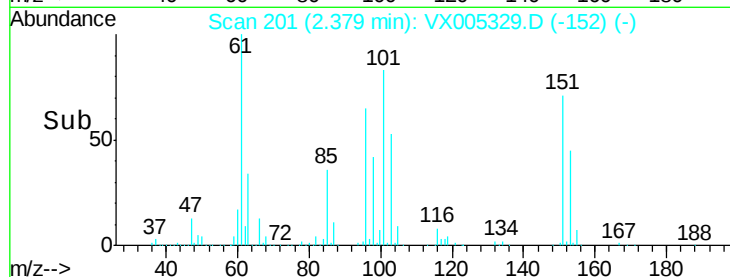
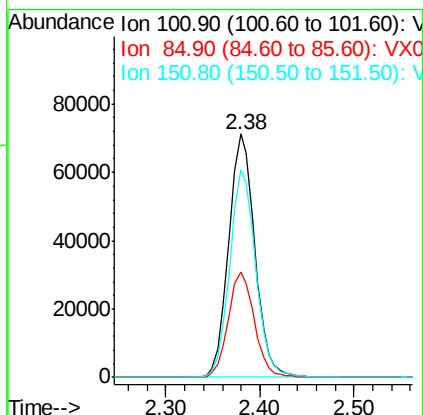
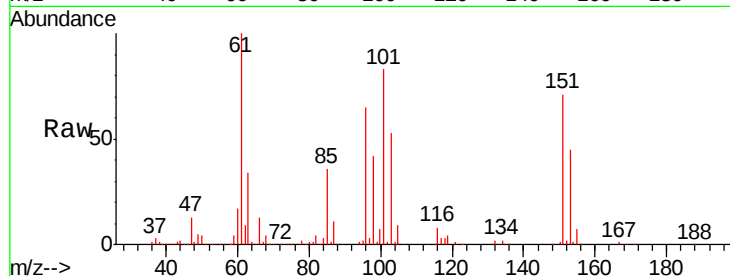
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	137653
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.2	51.4
151	84.8	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 55.13 ug/l

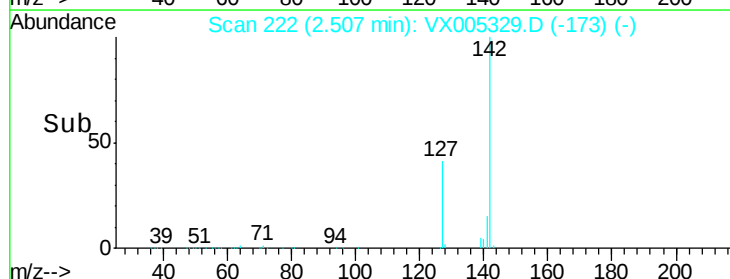
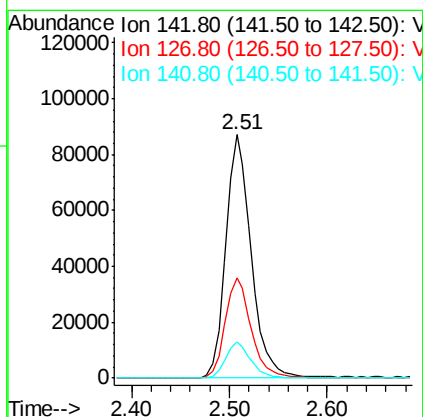
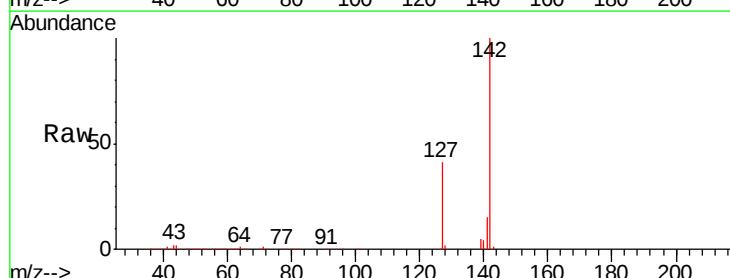
RT: 2.51 min Scan# 222

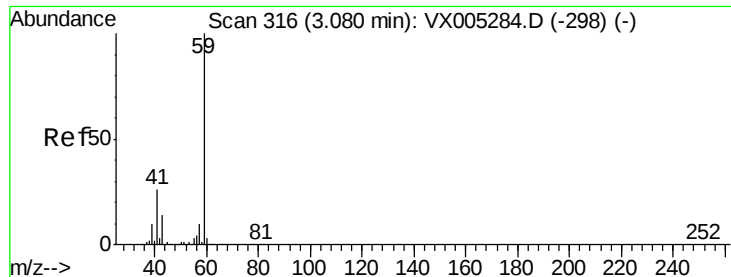
Delta R.T. 0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion:	142	Resp:	157058
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.8	50.6
141	14.5	11.4	17.0





#11

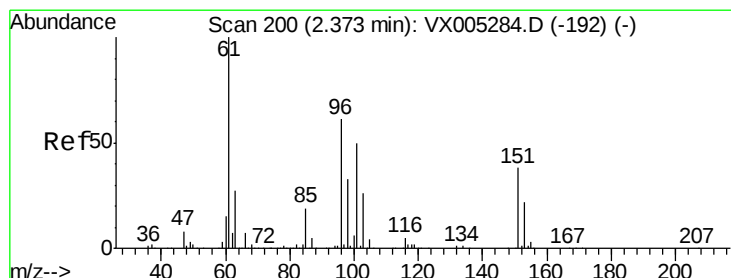
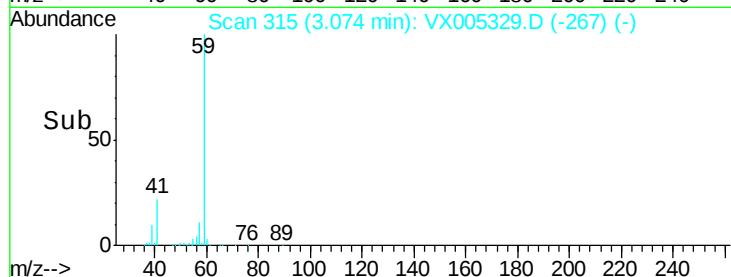
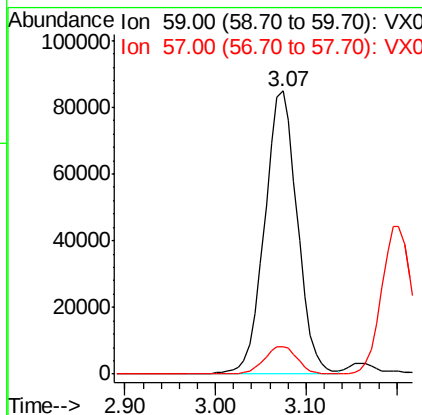
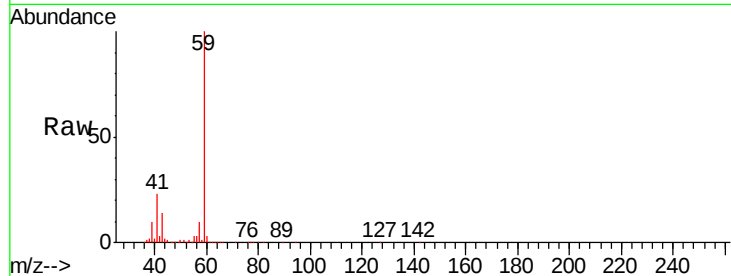
Tert butyl alcohol
Concen: 231.51 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 211986
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

Manual Integrations
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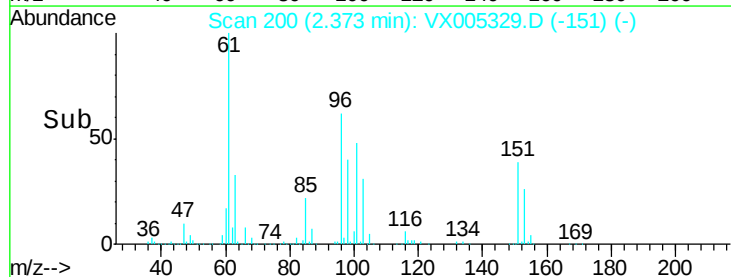
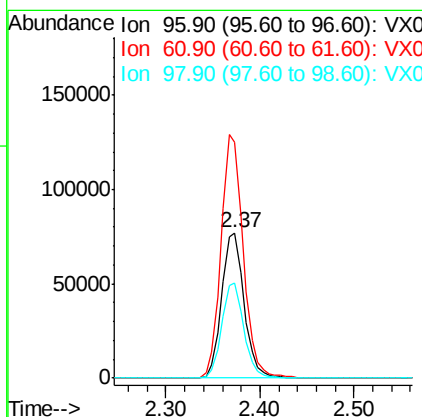
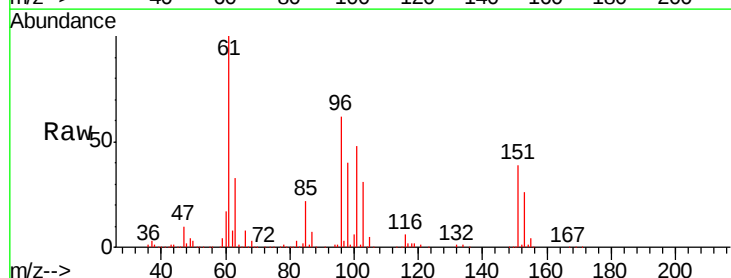
MMDadoda
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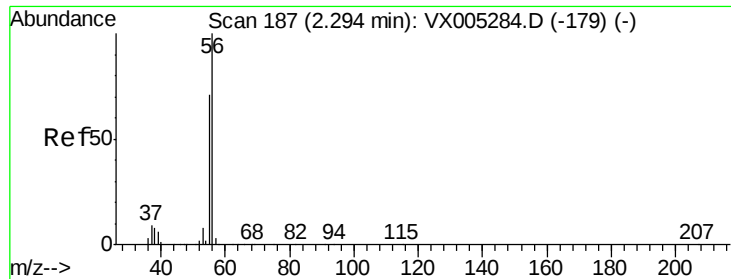


#12

1,1-Dichloroethene
Concen: 49.78 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion: 96 Resp: 127517
Ion Ratio Lower Upper
96 100
61 162.2 128.8 193.2
98 65.5 52.2 78.2





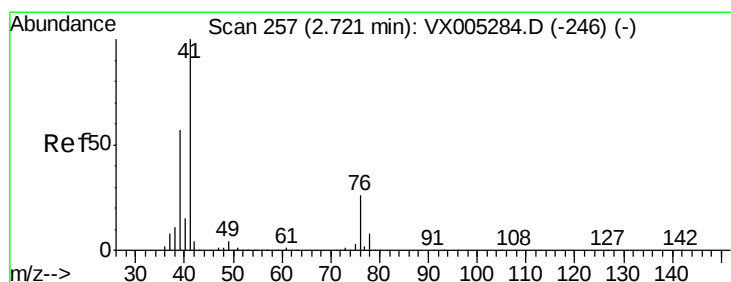
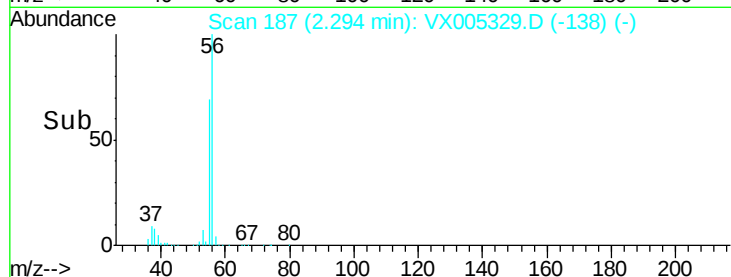
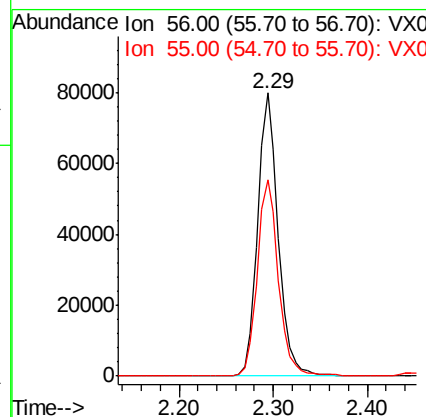
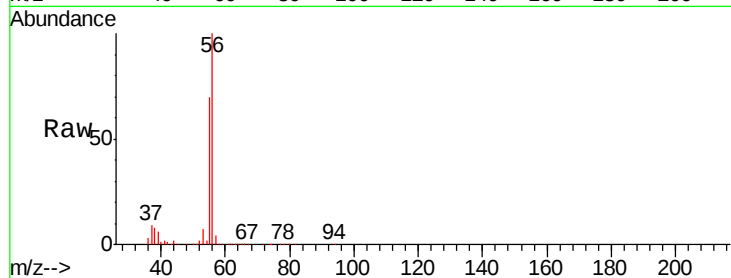
#13
Acrolein
Concen: 210.63 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.9	54.7	82.1

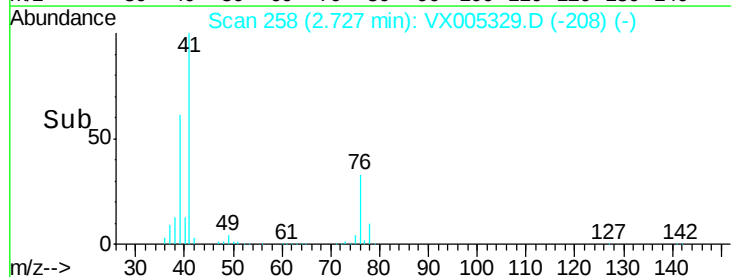
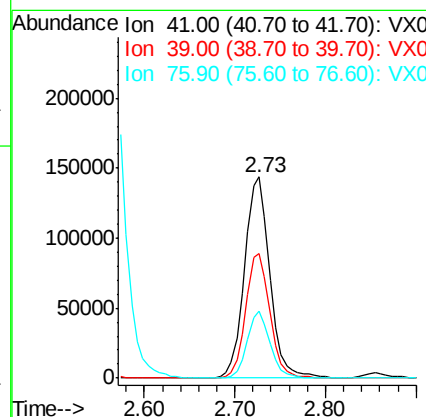
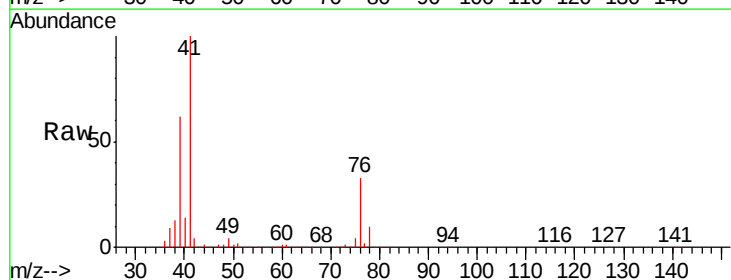
Manual Integrations
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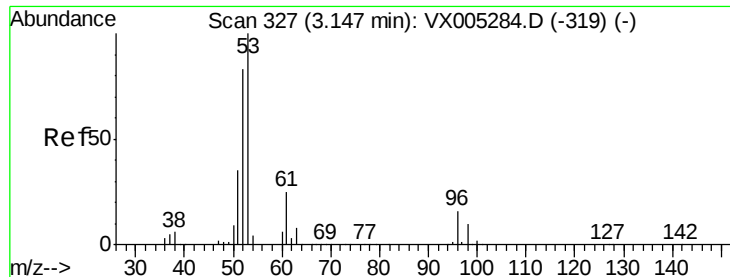
MMDadoda
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#14
Allyl chloride
Concen: 49.20 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.2	48.9	73.3
76	30.0	26.7	40.1





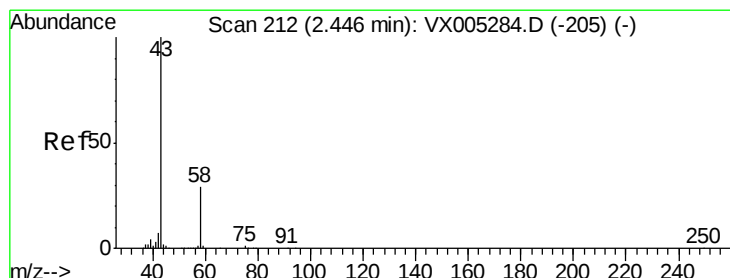
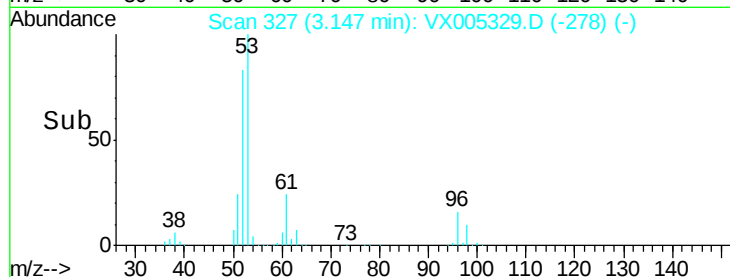
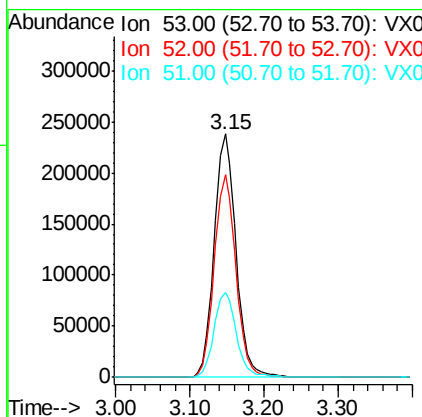
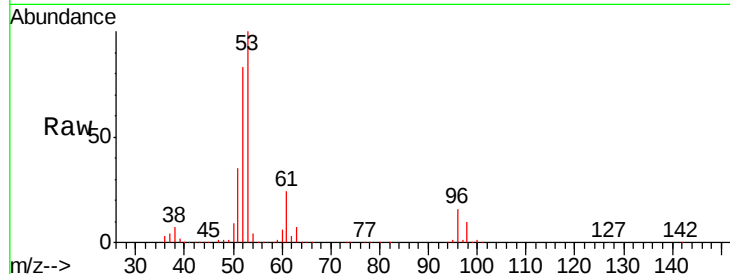
#15
Acrylonitrile
Concen: 230.77 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.2	97.8
51	35.9	28.2	42.2

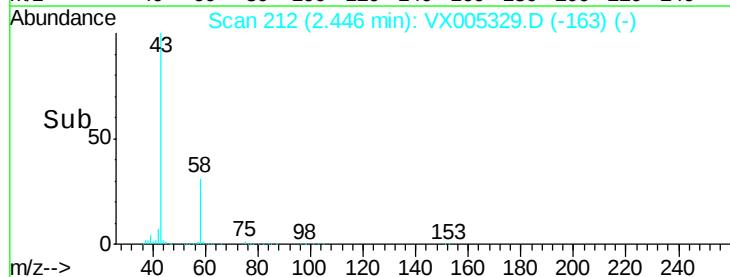
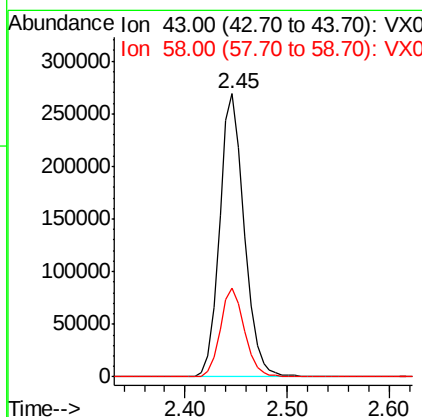
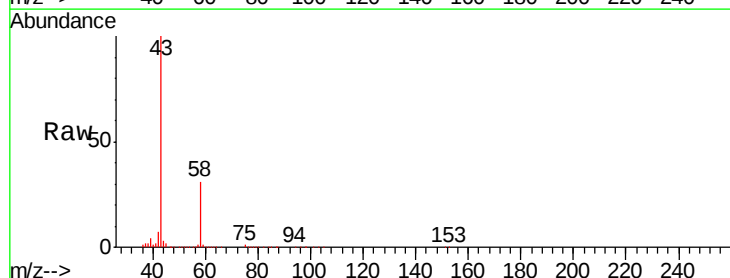
Manual Integrations
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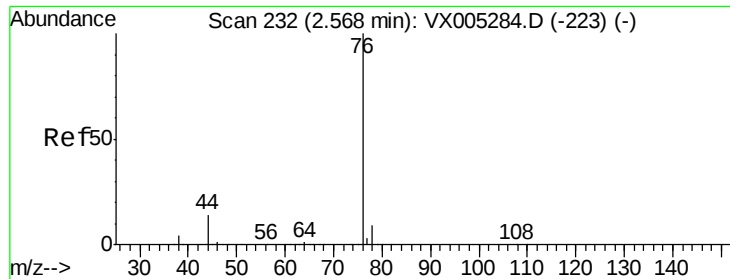
MMDadoda
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#16
Acetone
Concen: 239.72 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.2	26.2	39.4





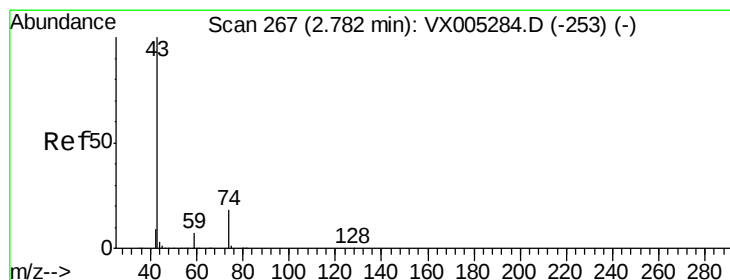
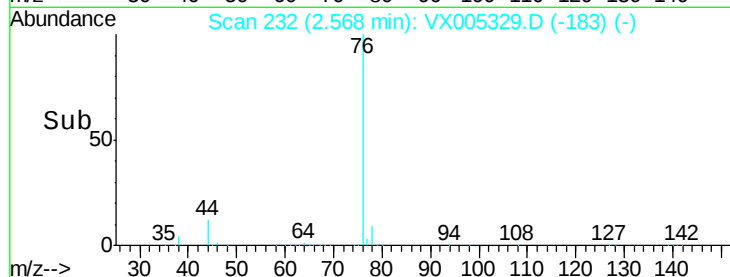
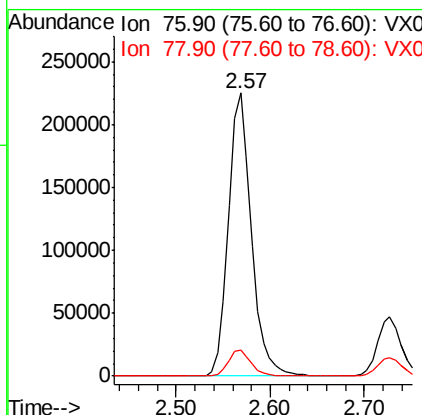
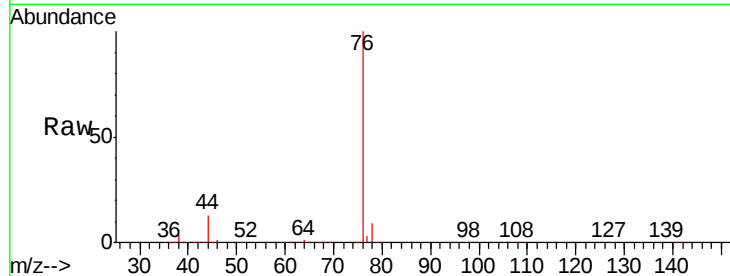
#17
Carbon Disulfide
Concen: 49.18 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

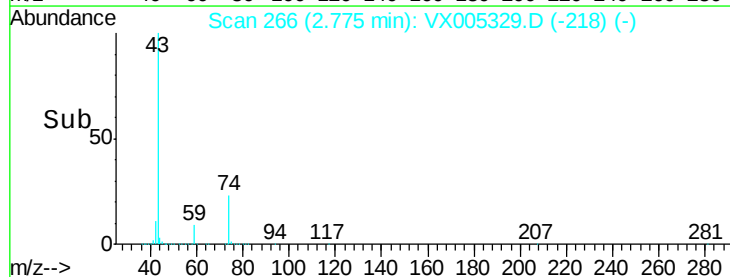
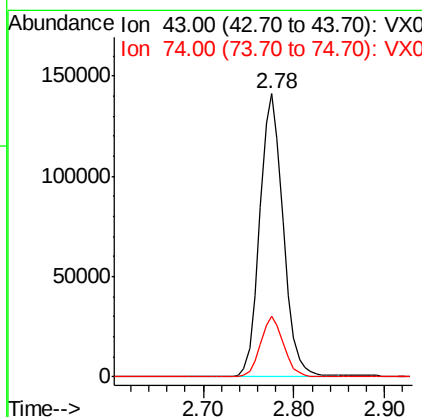
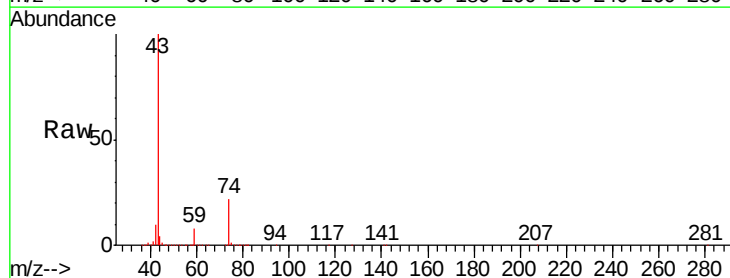
Manual Integrations
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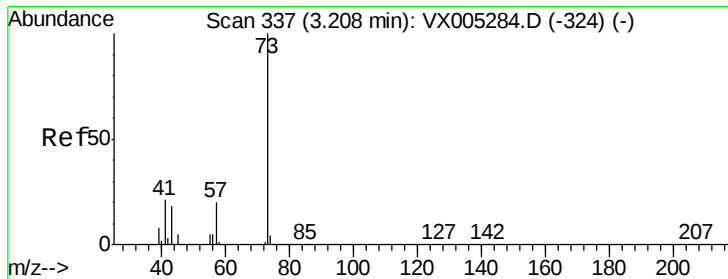
MMDadoda
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#18
Methyl Acetate
Concen: 46.95 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	19.4	29.2





#19

Methyl tert-butyl Ether

Concen: 50.94 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion: 73 Resp: 459590

Ion Ratio Lower Upper

73 100

57 22.8 17.1 25.7

Instrument :

MSVOA_X

ClientSampleId :

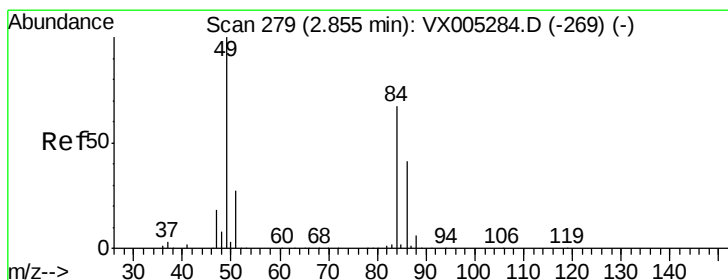
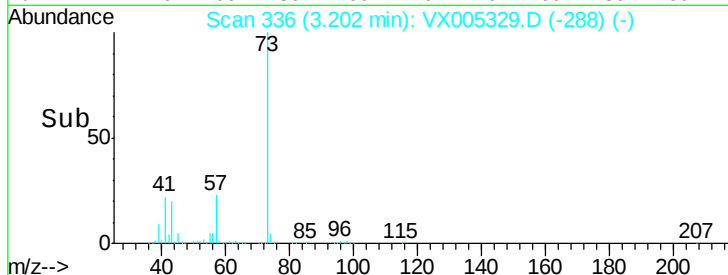
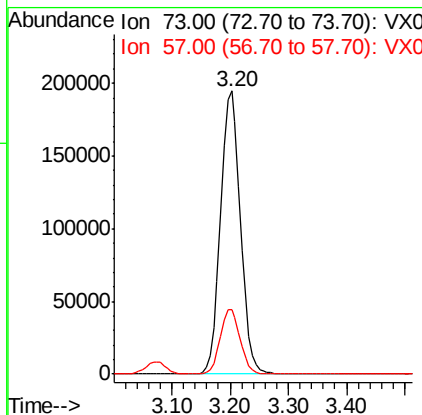
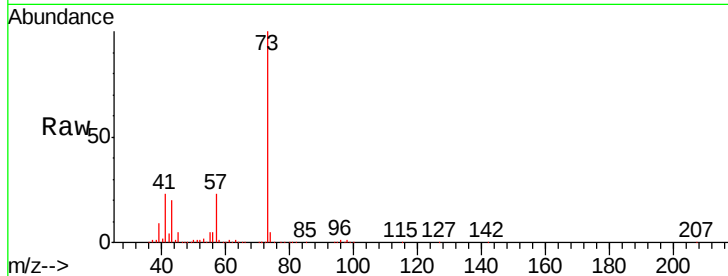
VSTDCCC050

Manual Integrations

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MMDadoda

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#20

Methylene Chloride

Concen: 53.59 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion: 84 Resp: 146294

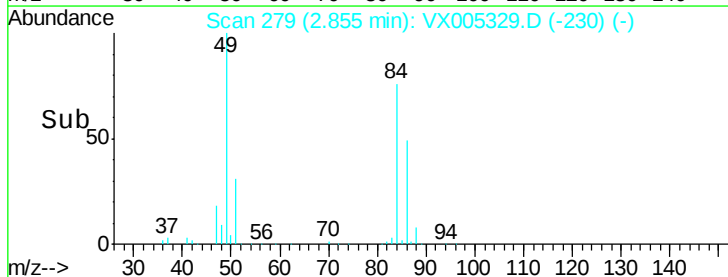
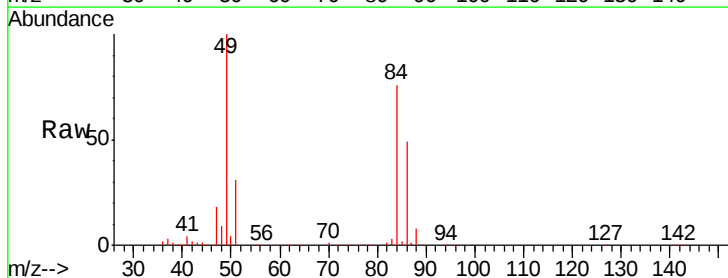
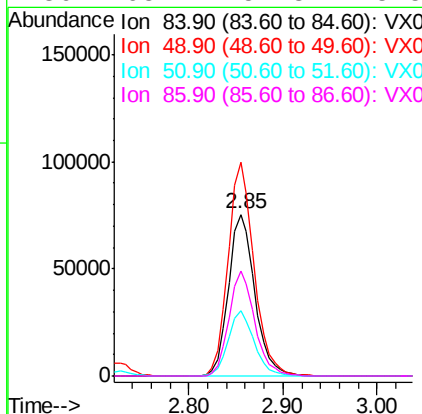
Ion Ratio Lower Upper

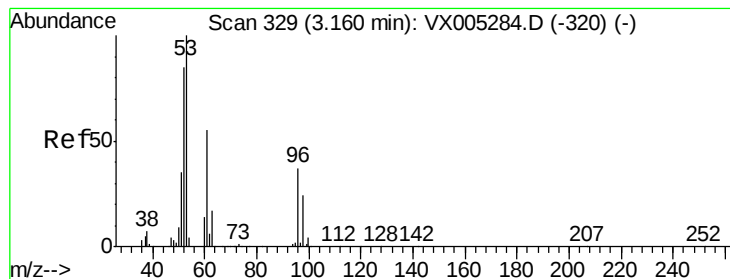
84 100

49 132.3 101.2 151.8

51 40.6 29.5 44.3

86 65.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 48.77 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

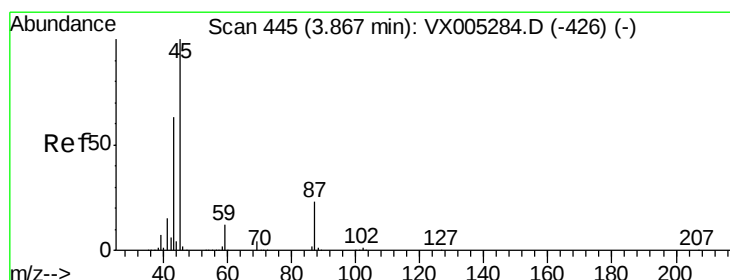
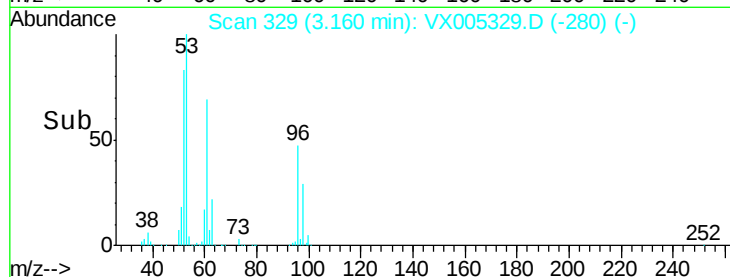
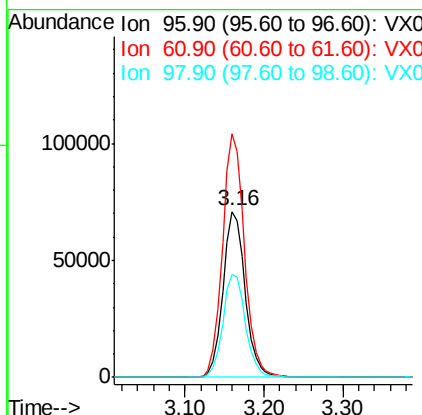
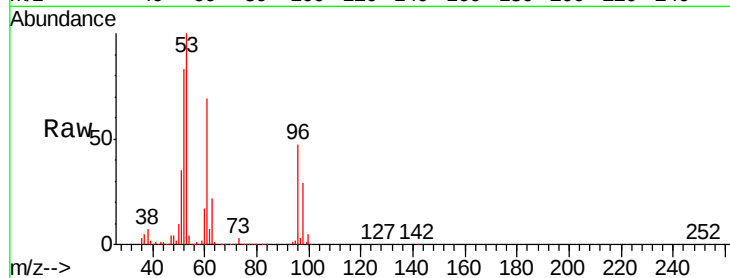
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	138449
Ion	Ratio	Lower	Upper
96	100		
61	146.7	113.8	170.6
98	61.7	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.62 ug/l

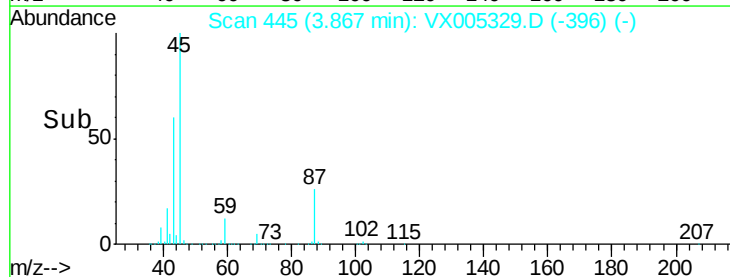
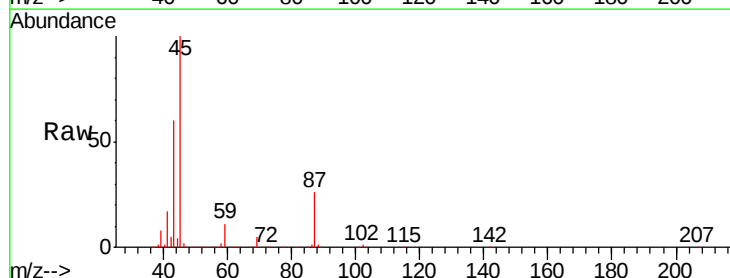
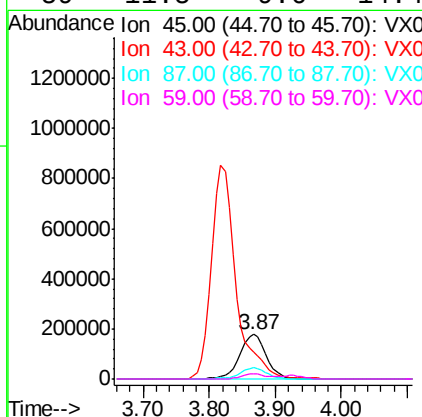
RT: 3.87 min Scan# 445

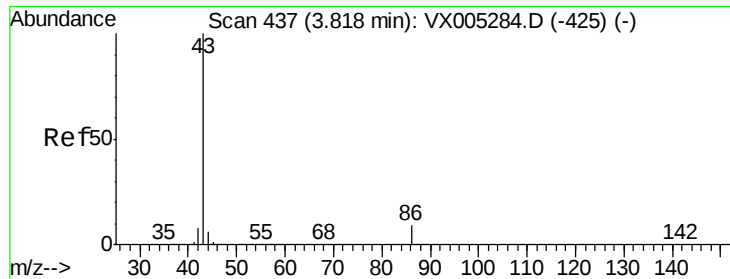
Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion:	45	Resp:	497043
Ion	Ratio	Lower	Upper
45	100		
43	59.9	42.8	64.2
87	26.1	22.6	34.0
59	11.5	9.6	14.4





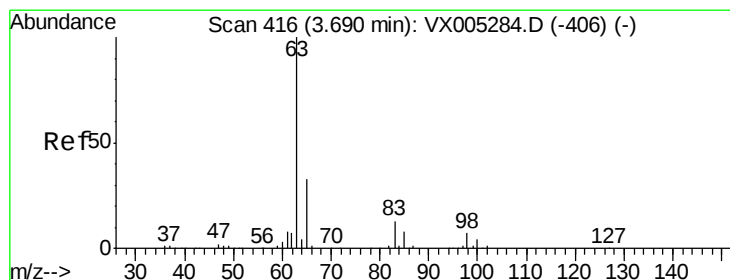
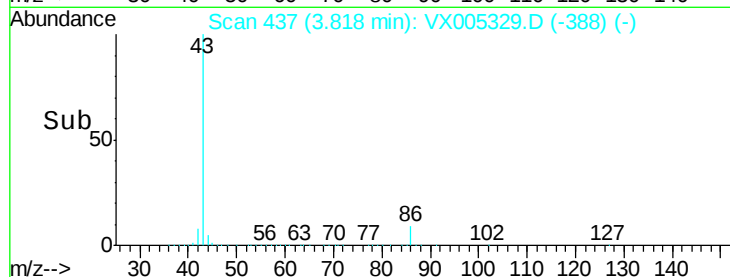
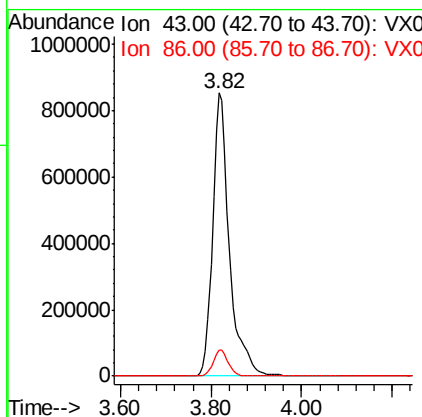
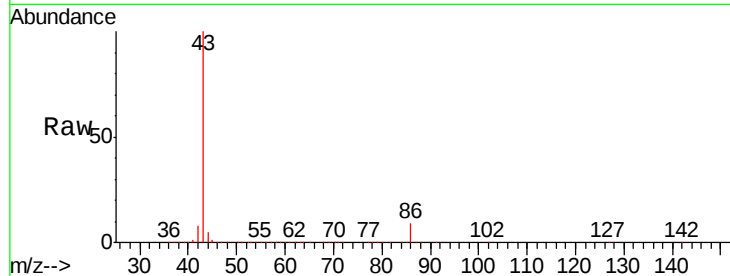
#23
 Vinyl Acetate
 Concen: 267.55 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2209023
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.9 13.3

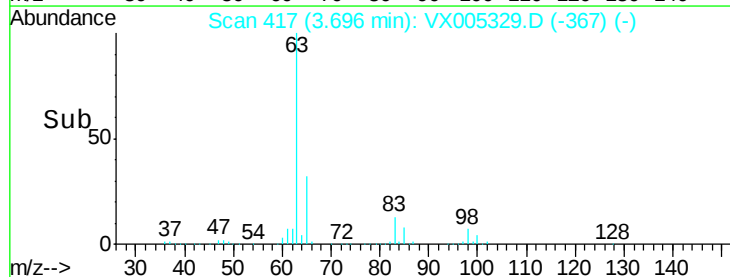
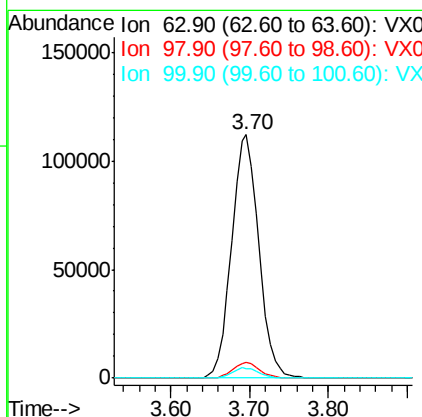
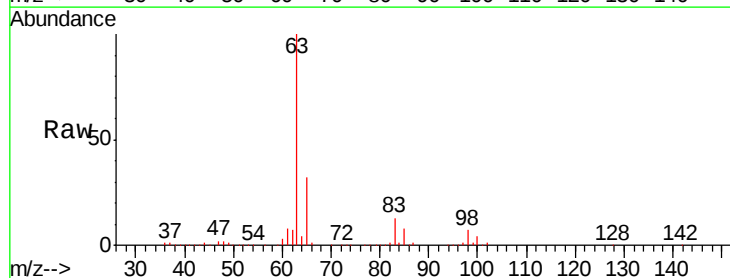
Manual Integrations
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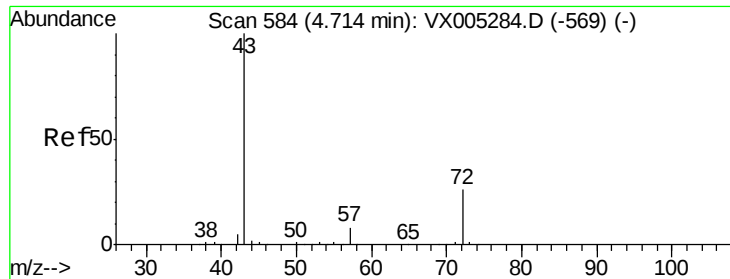
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 49.54 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Tgt Ion: 63 Resp: 268196
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 3.9 2.4 7.1





#25

2-Butanone

Concen: 229.31 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 629693

Ion Ratio Lower Upper

43 100

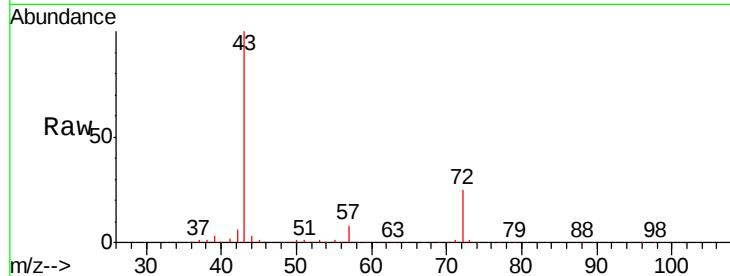
72 24.5 22.0 33.0

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

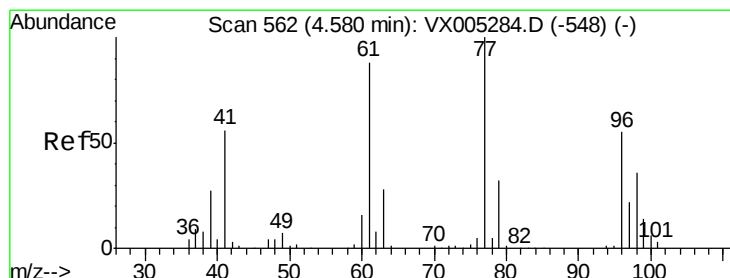
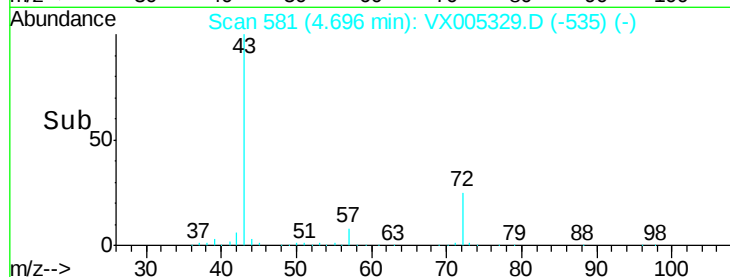
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 51.20 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005329.D

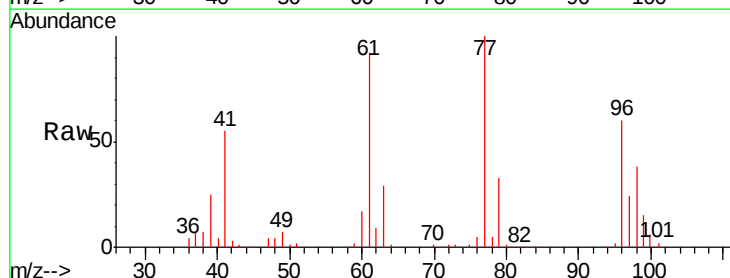
Acq: 15 Oct 2018 08:15

Tgt Ion: 77 Resp: 207306

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

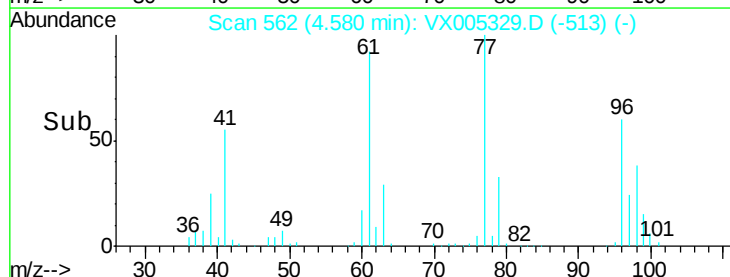
40000

20000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 46.98 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

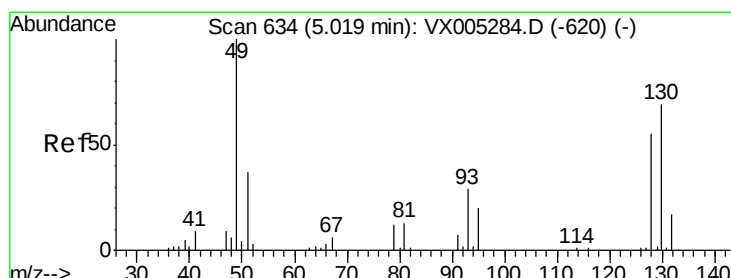
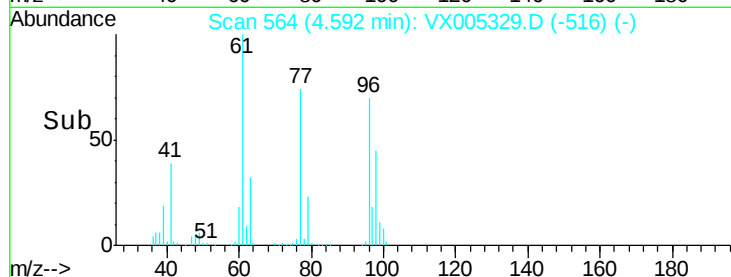
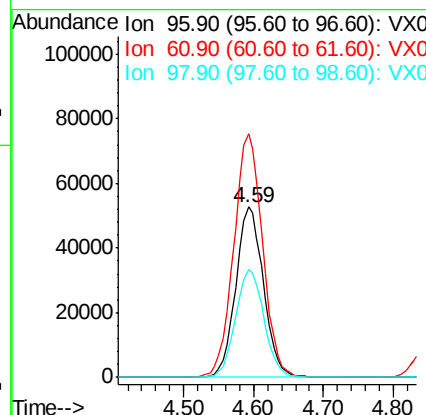
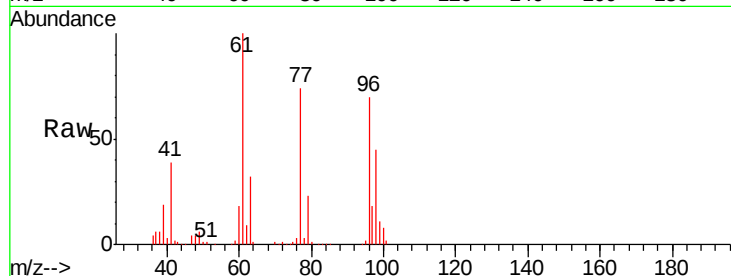
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	144949
Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	282.6
98	64.9	0.0	130.2

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#28

Bromochloromethane

Concen: 46.80 ug/l

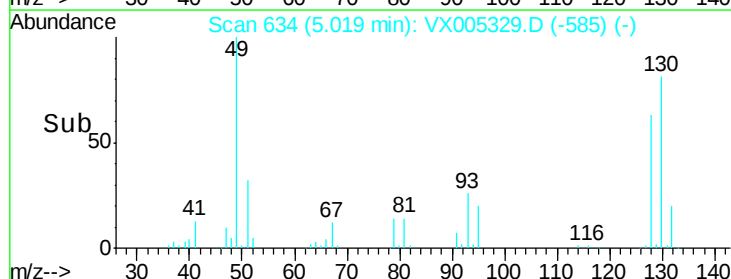
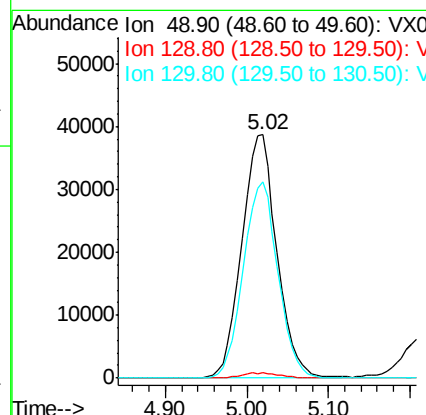
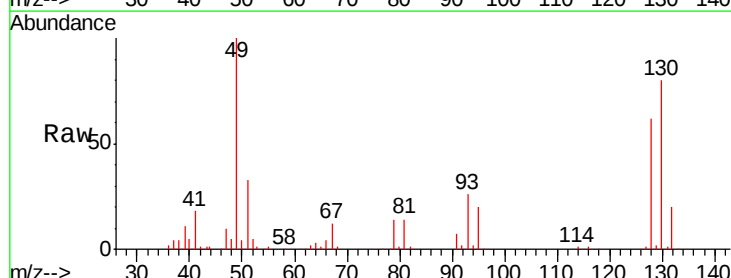
RT: 5.02 min Scan# 634

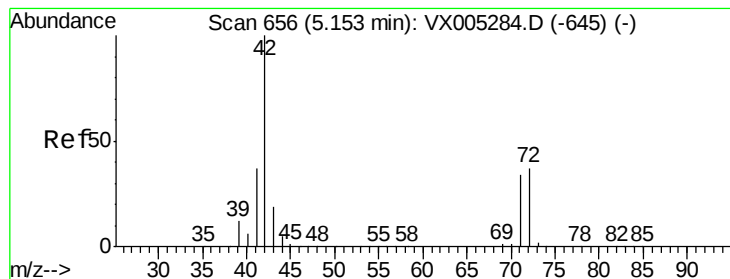
Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion:	49	Resp:	115501
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	79.8	67.5	101.3





#29

Tetrahydrofuran

Concen: 226.69 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

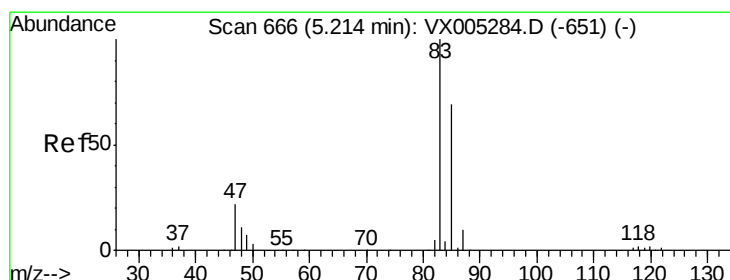
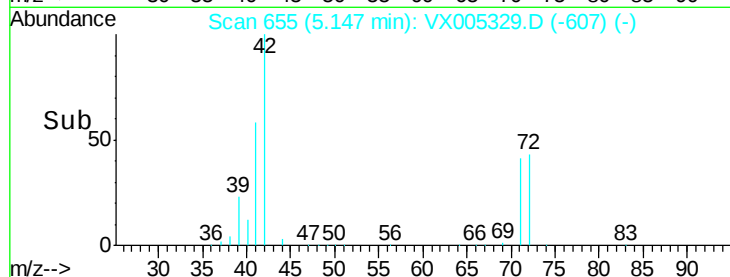
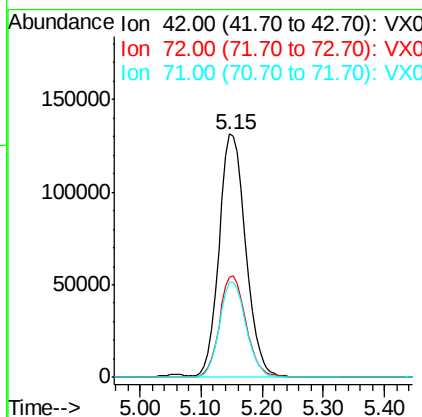
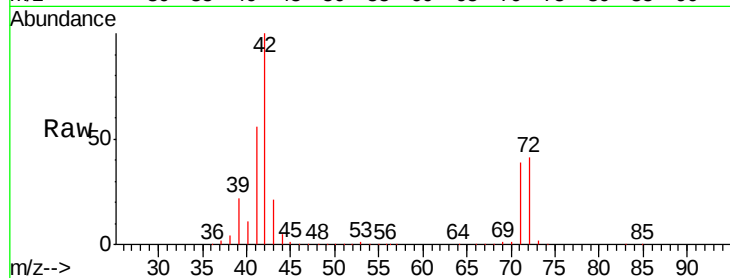
ClientSampleId :

VSTDCCC050

Tgt Ion:	42	Resp:	397077
Ion	Ratio	Lower	Upper
42	100		
72	41.6	37.4	56.0
71	39.2	34.5	51.7

Manual Integrations
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#30

Chloroform

Concen: 47.79 ug/l

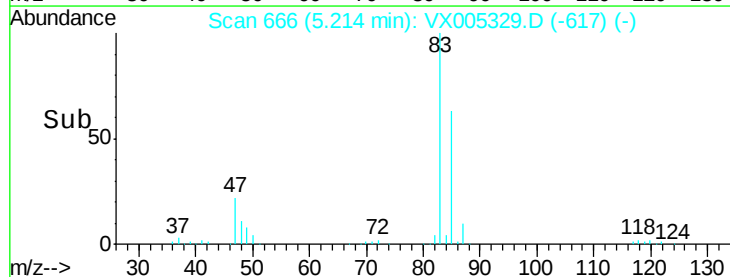
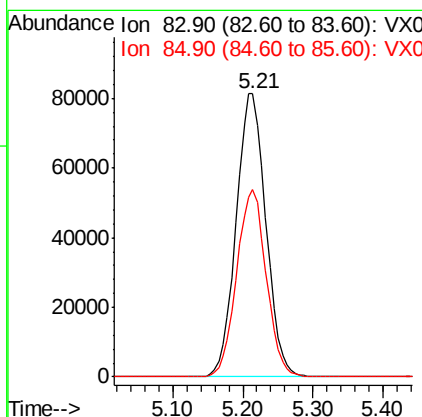
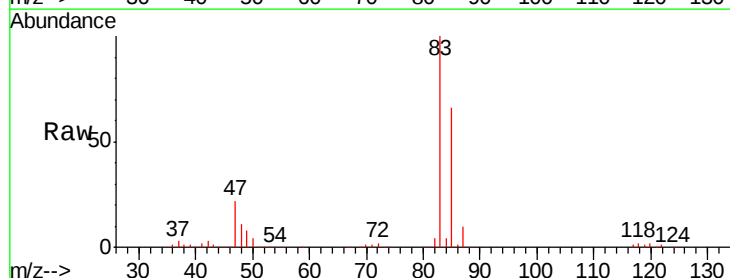
RT: 5.21 min Scan# 666

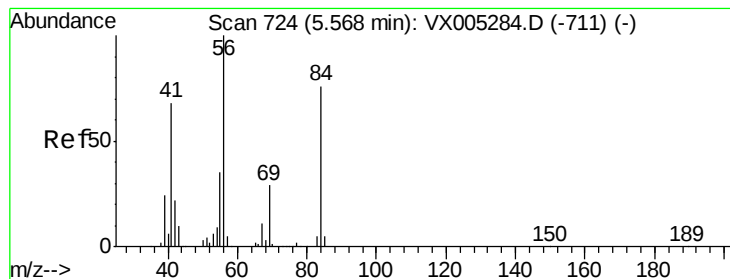
Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion:	83	Resp:	240166
Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.6	79.0





#31

Cyclohexane

Concen: 49.12 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

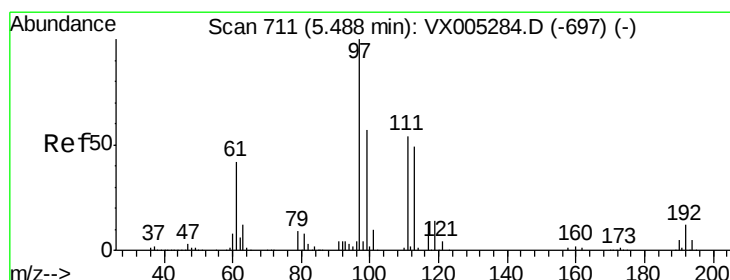
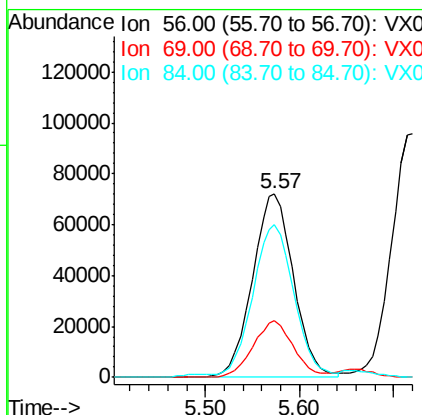
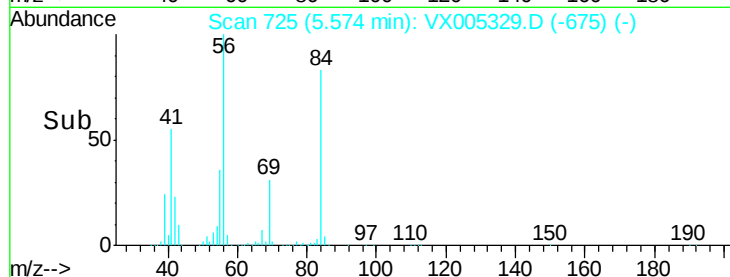
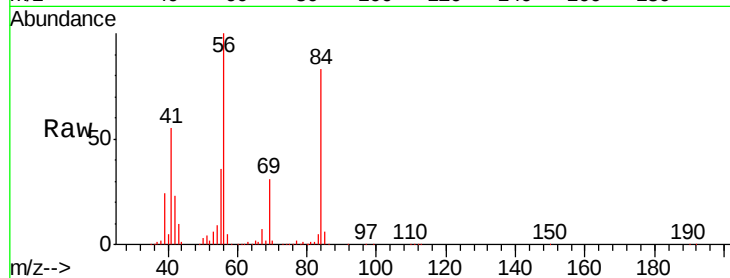
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	219169
Ion Ratio	Lower	Upper	
56	100		
69	30.9	25.4	38.2
84	82.2	71.4	107.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.64 ug/l

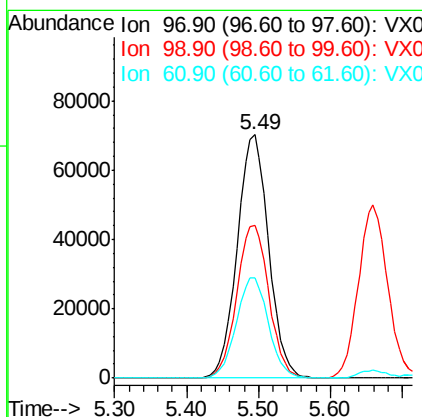
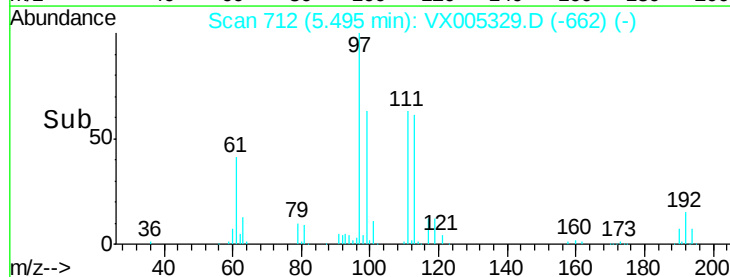
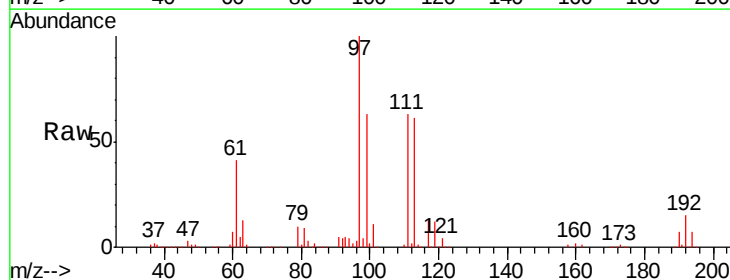
RT: 5.49 min Scan# 712

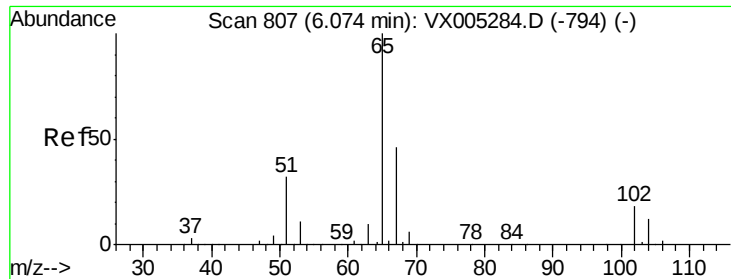
Delta R.T. 0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion:	97	Resp:	212662
Ion Ratio	Lower	Upper	
97	100		
99	64.2	52.0	78.0
61	42.5	34.9	52.3





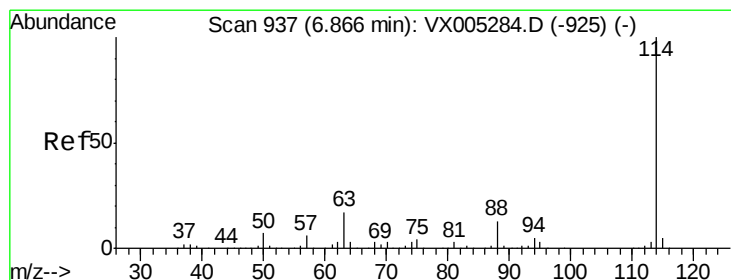
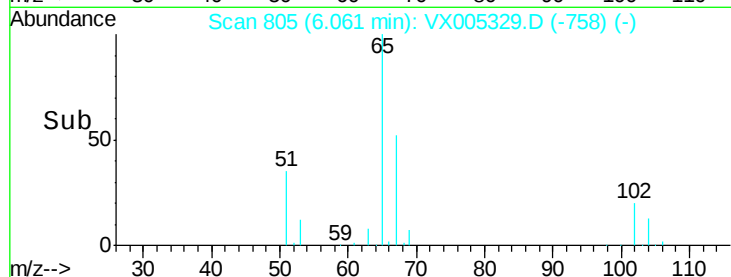
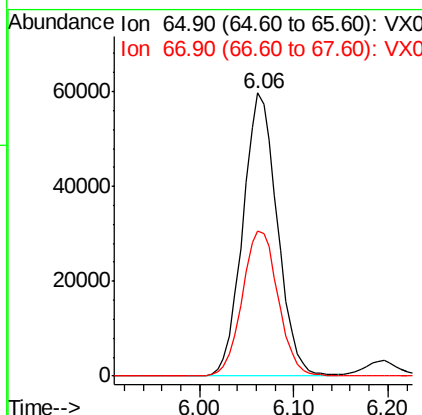
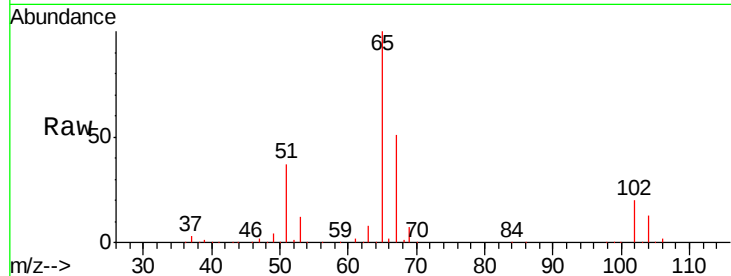
#33
 1,2-Dichloroethane-d4
 Concen: 47.14 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 153033
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8

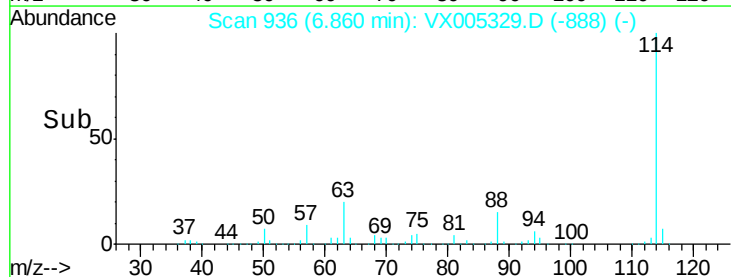
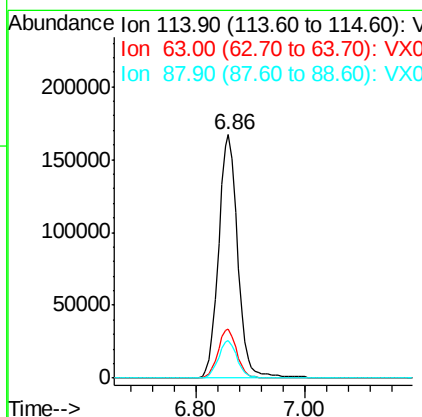
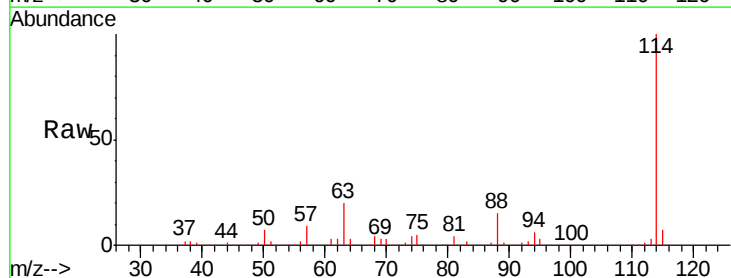
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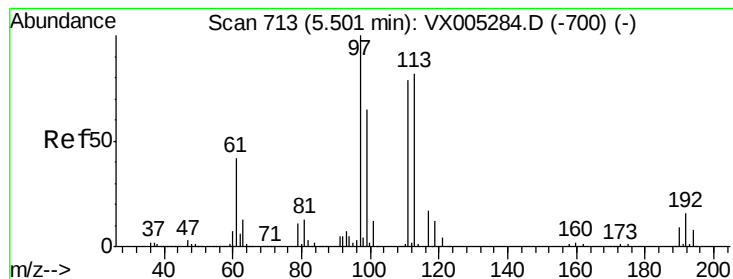
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Tgt Ion: 114 Resp: 407703
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.13 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

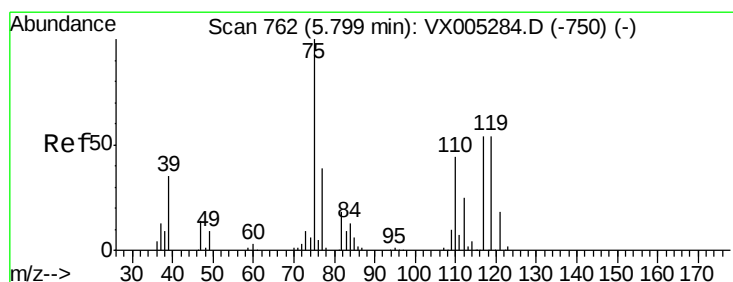
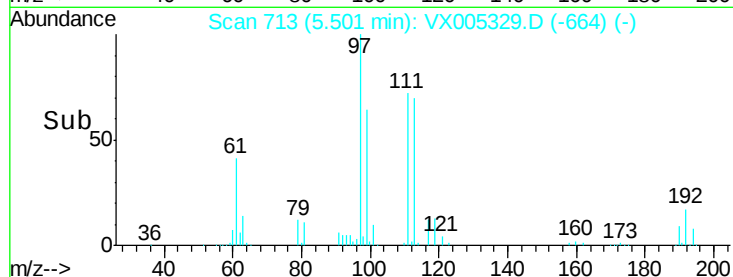
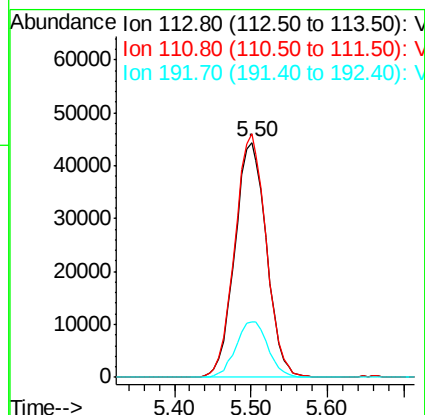
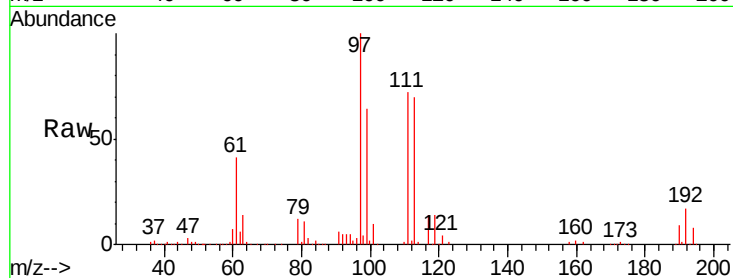
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	127273
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	24.1	19.4	29.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.87 ug/l

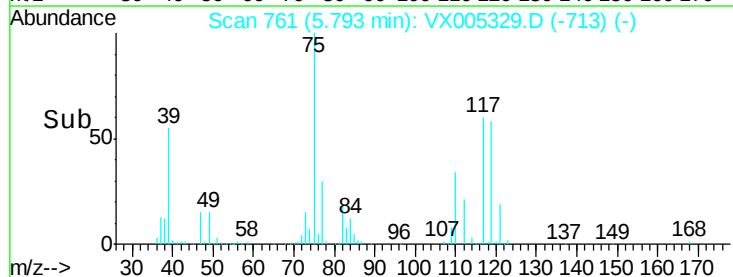
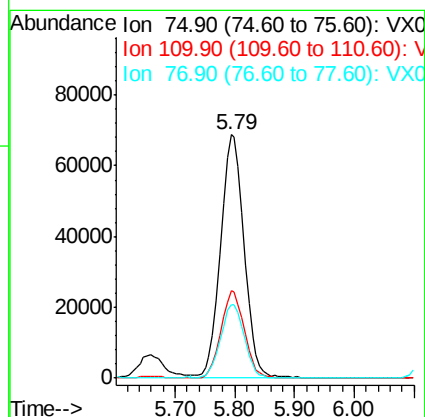
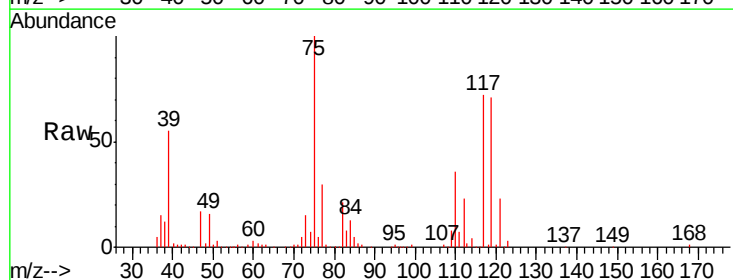
RT: 5.79 min Scan# 761

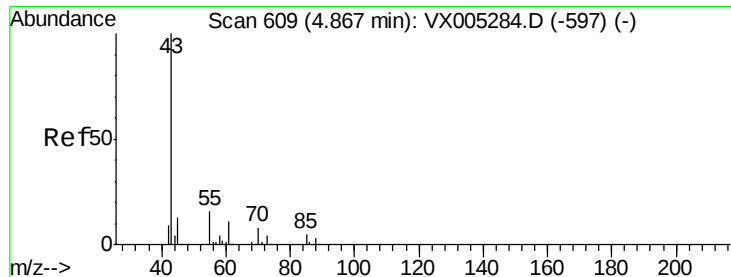
Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion:	75	Resp:	189018
Ion	Ratio	Lower	Upper
75	100		
110	35.4	18.0	54.0
77	30.4	24.6	36.8





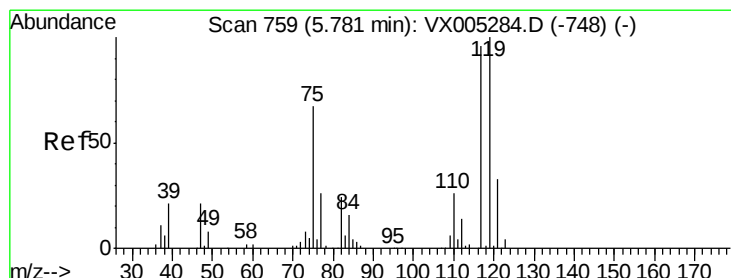
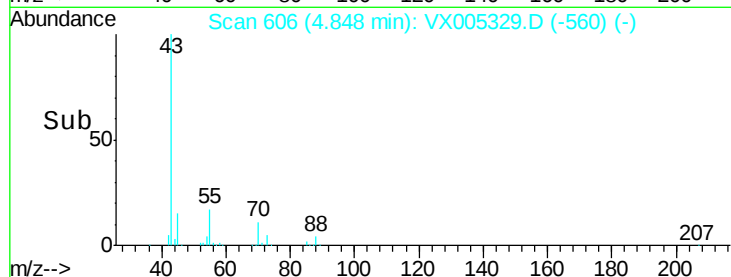
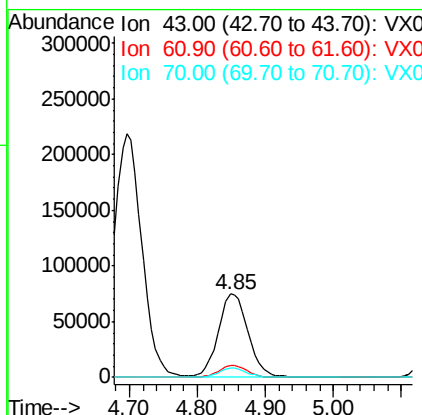
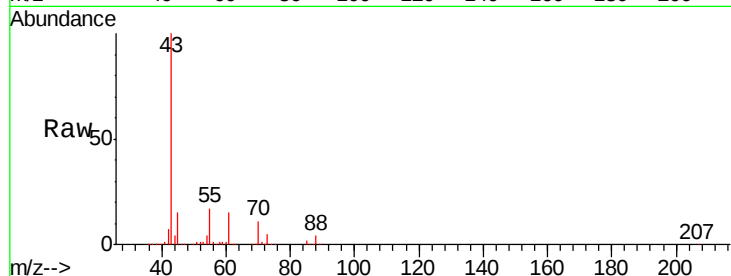
#37
Ethyl Acetate
Concen: 44.54 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.02 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.5	17.3
70	10.5	9.0	13.6

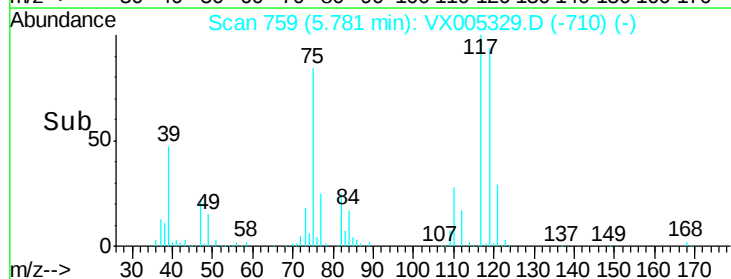
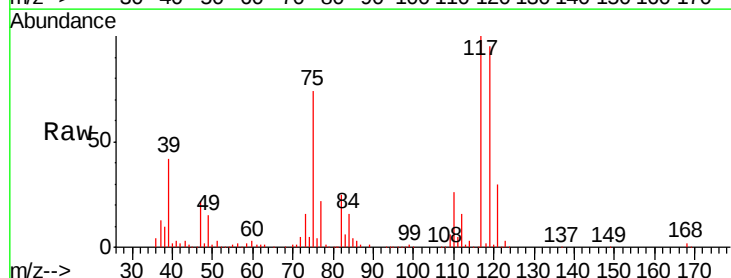
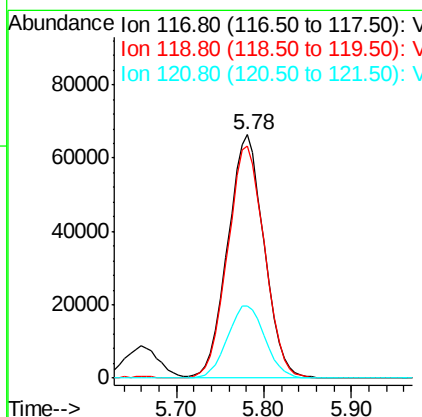
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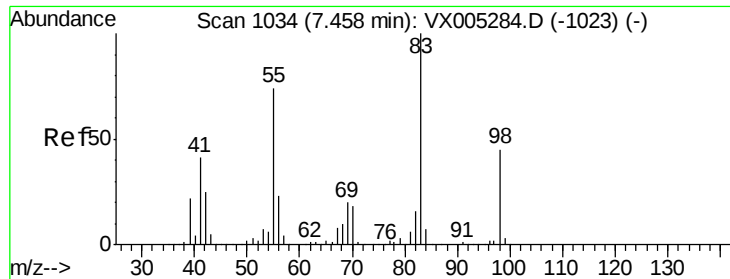
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#38
Carbon Tetrachloride
Concen: 48.37 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.8	118.2
121	29.7	24.9	37.3





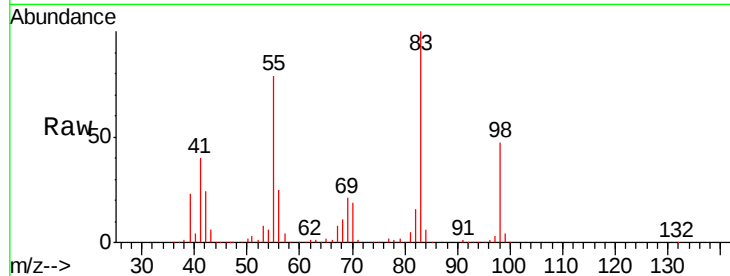
#39
Methylcyclohexane
Concen: 53.05 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

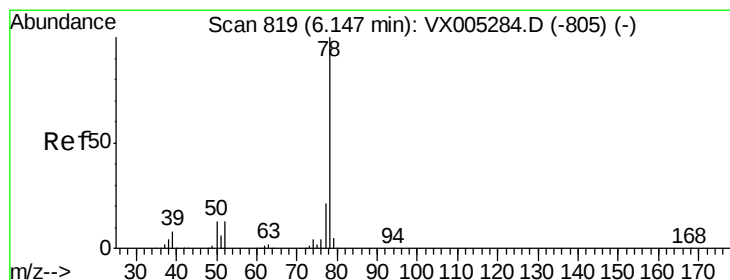
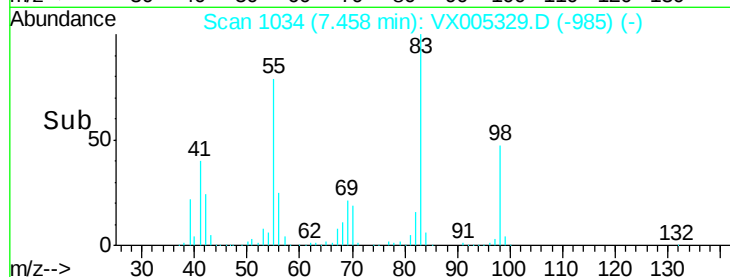
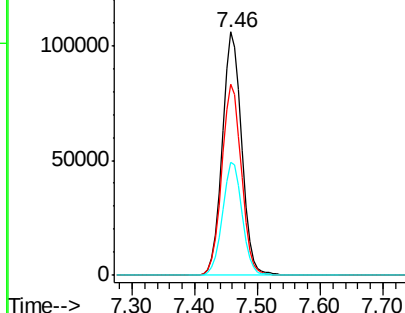
Tgt Ion	Ratio	Resp	Lower	Upper
83	100	226719		
55	78.5	61.0	91.4	
98	46.6	39.6	59.4	

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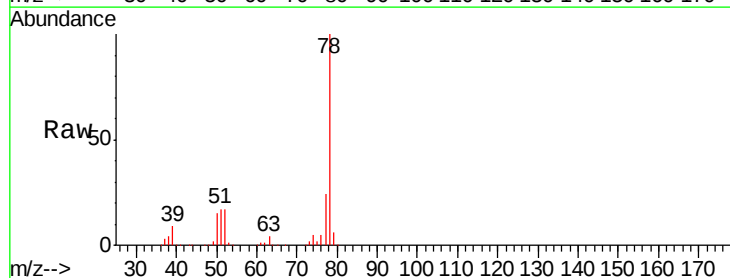


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

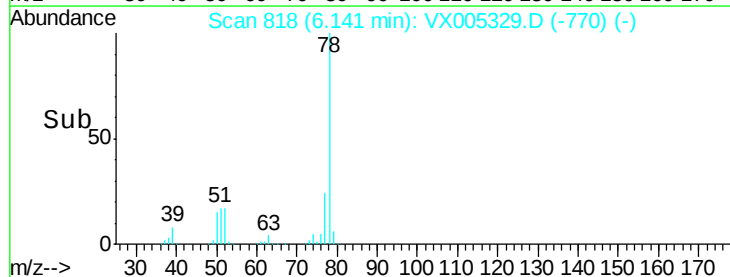
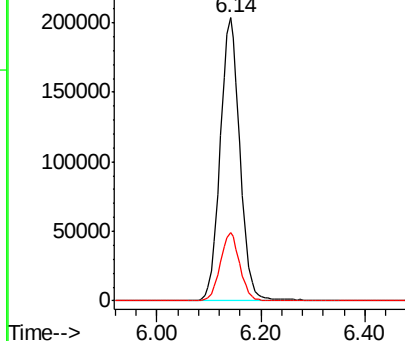


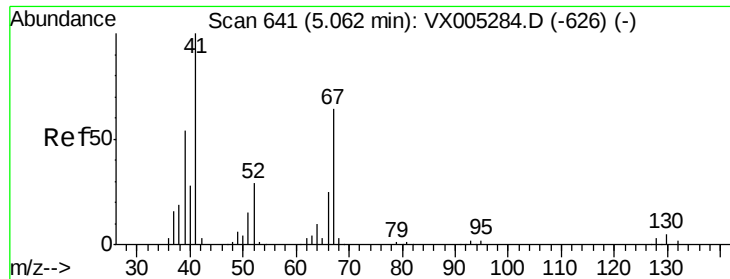
#40
Benzene
Concen: 45.78 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	542300		
77	24.2	19.0	28.4	



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





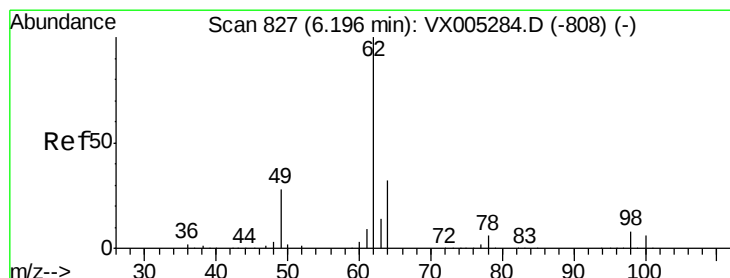
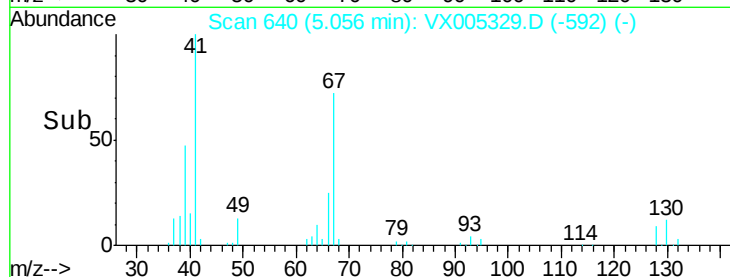
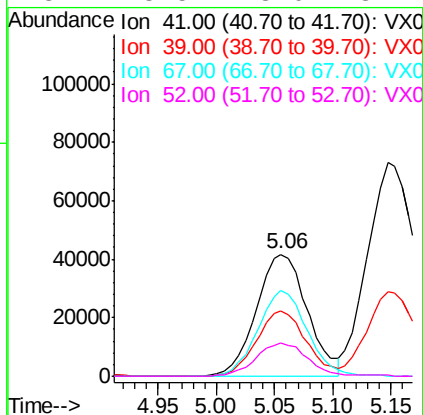
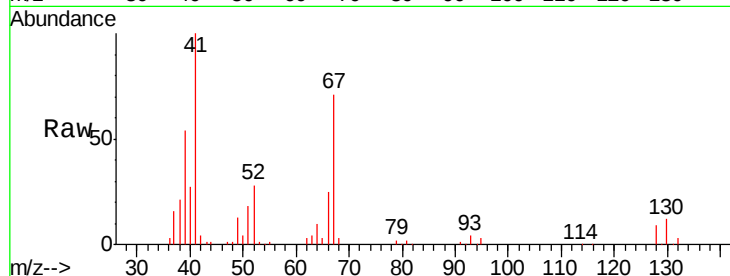
#41
Methacrylonitrile
Concen: 46.29 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.2	42.4	63.6	
67	68.5	59.2	88.8	
52	28.5	23.0	34.4	

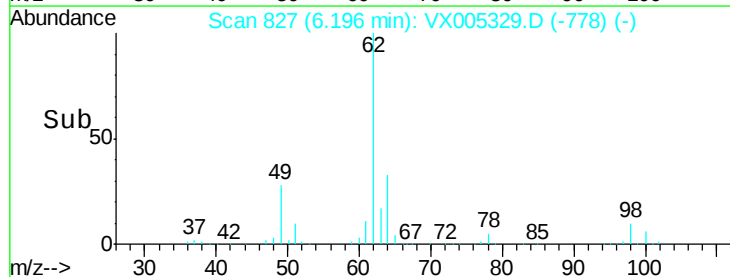
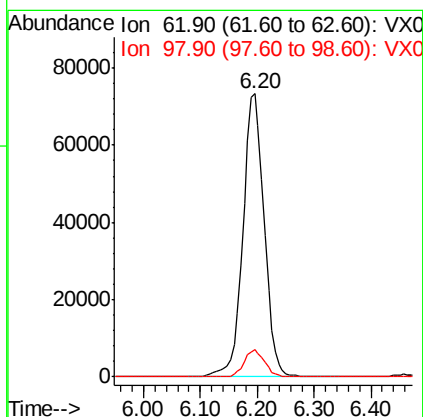
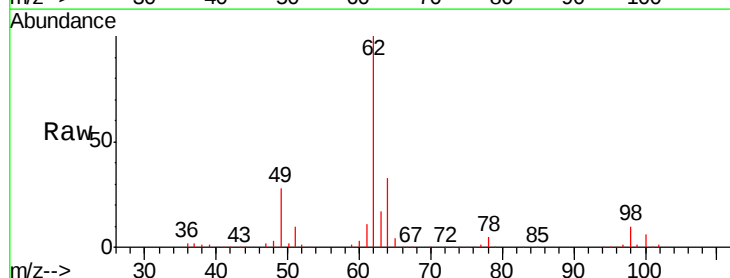
Manual Integrations
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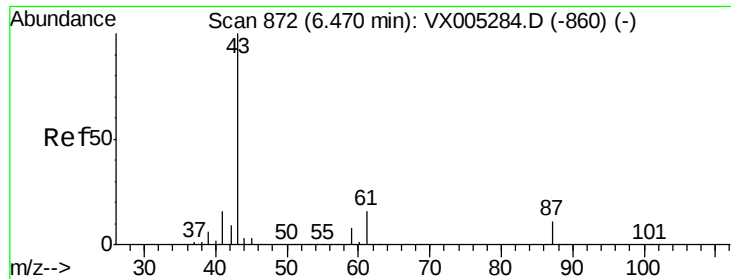
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#42
1,2-Dichloroethane
Concen: 45.81 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	20.6	





#43

Isopropyl Acetate

Concen: 50.00 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

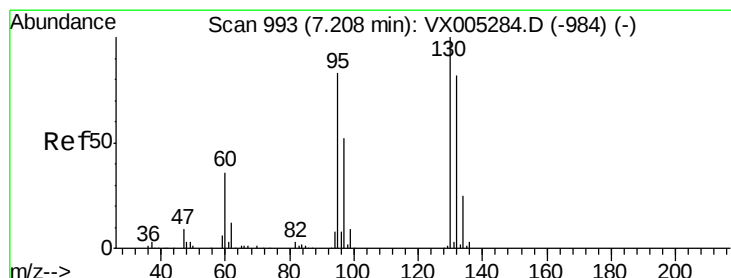
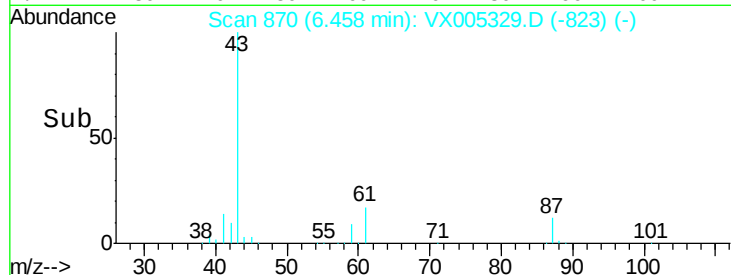
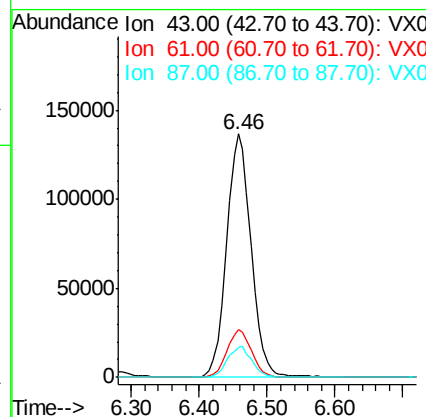
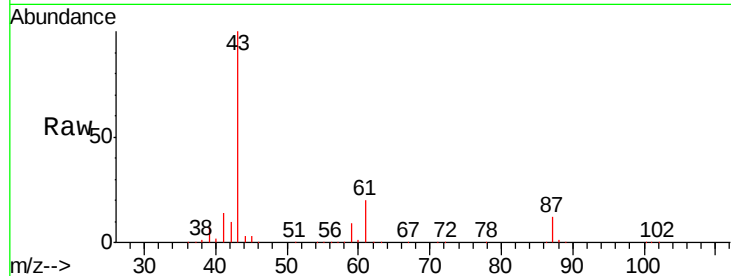
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	338208
Ion	Ratio	Lower	Upper
43	100		
61	19.8	17.0	25.4
87	12.8	11.4	17.2

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#44

Trichloroethene

Concen: 50.80 ug/l

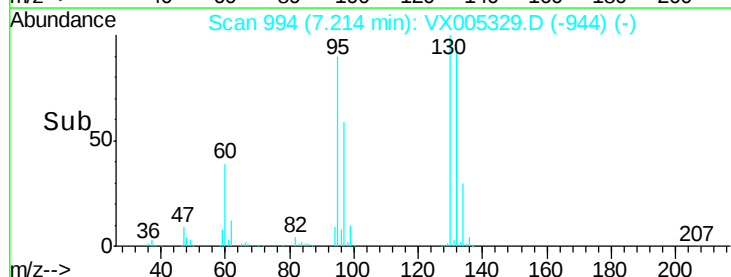
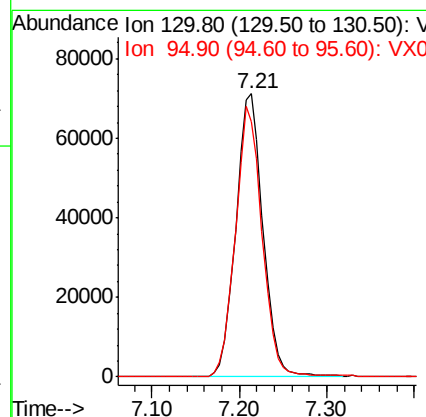
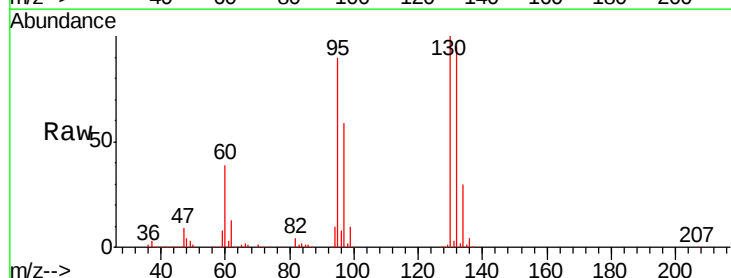
RT: 7.21 min Scan# 994

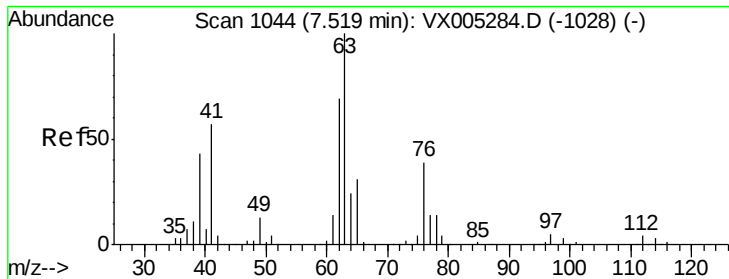
Delta R.T. 0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion:	130	Resp:	153616
Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	181.6





#45

1,2-Dichloropropane

Concen: 49.77 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 144616

Ion Ratio Lower Upper

63 100

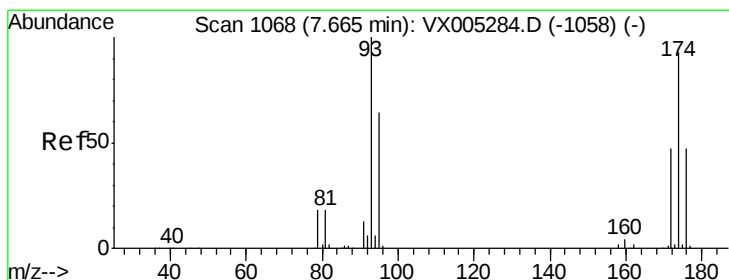
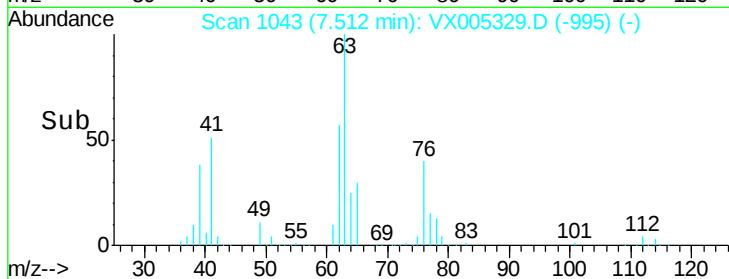
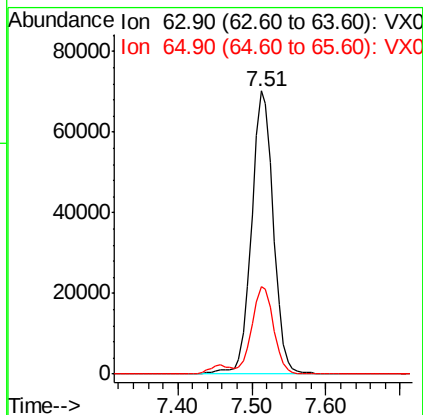
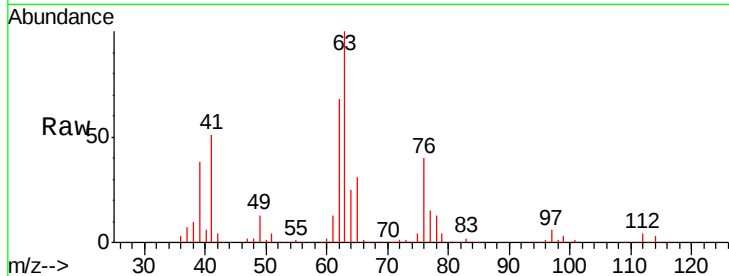
65 31.0 24.3 36.5

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#46

Dibromomethane

Concen: 48.68 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

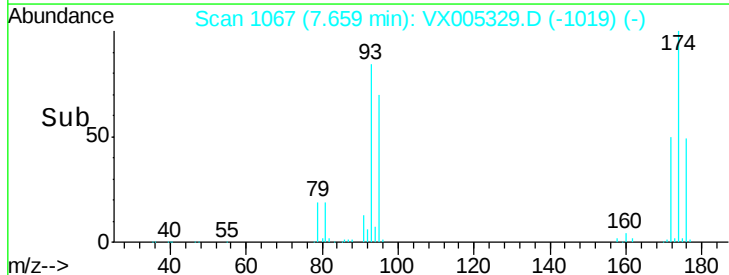
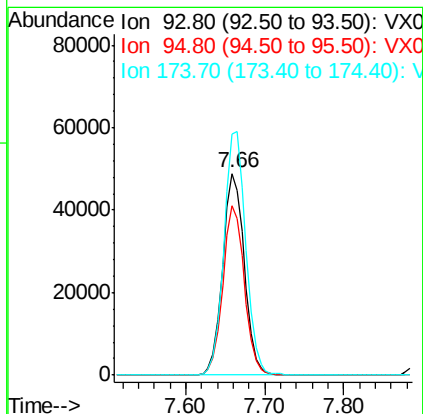
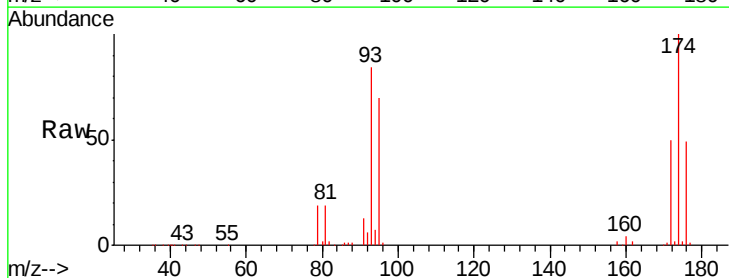
Tgt Ion: 93 Resp: 93361

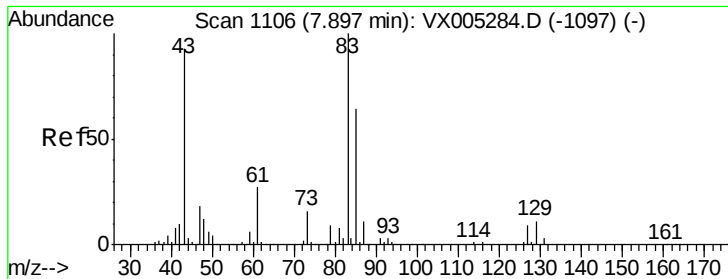
Ion Ratio Lower Upper

93 100

95 83.1 65.5 98.3

174 121.6 94.2 141.4





#47

Bromodichloromethane

Concen: 51.53 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

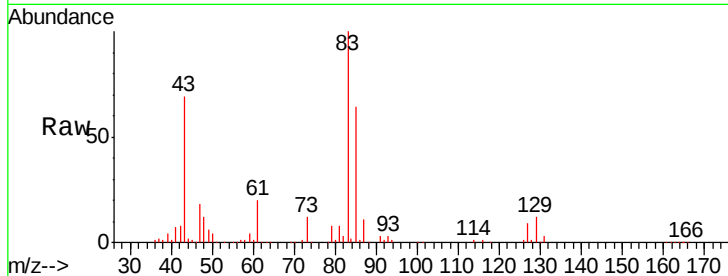
ClientSampleId :

VSTDCCC050

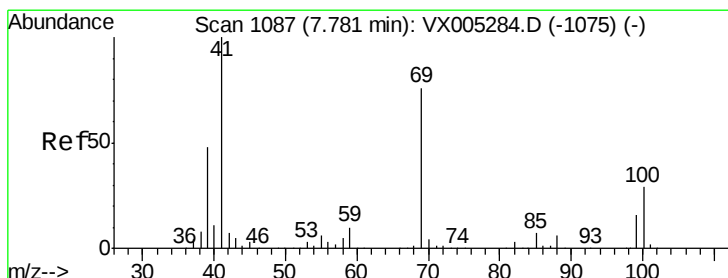
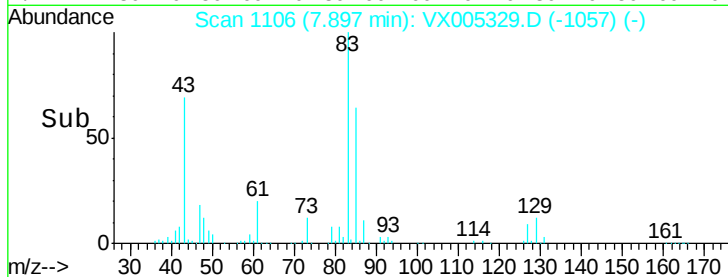
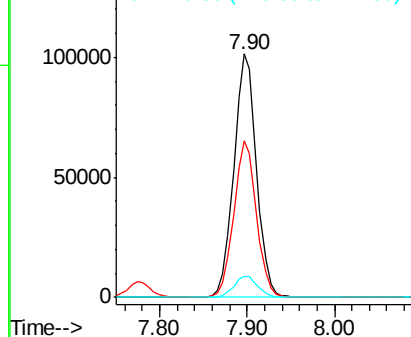
Tgt Ion:	83	Resp:	182786
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.9	76.3
127	8.8	7.3	10.9

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



#48

Methyl methacrylate

Concen: 51.17 ug/l

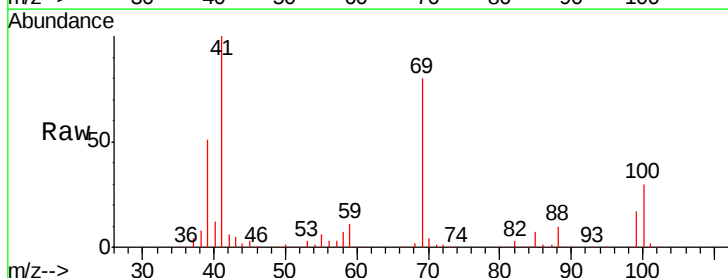
RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

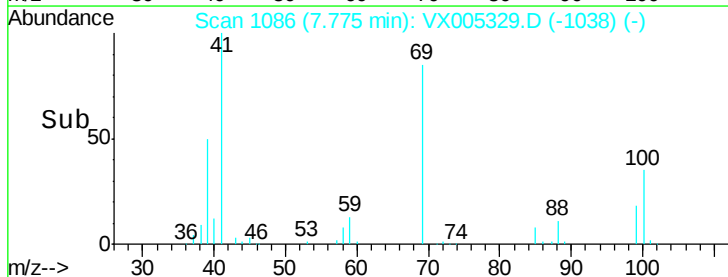
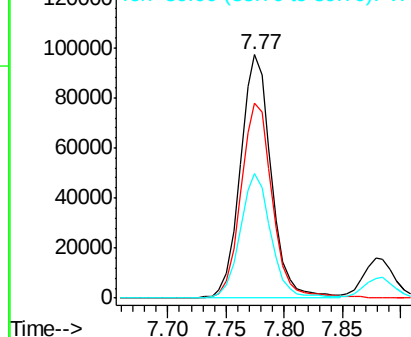
Lab File: VX005329.D

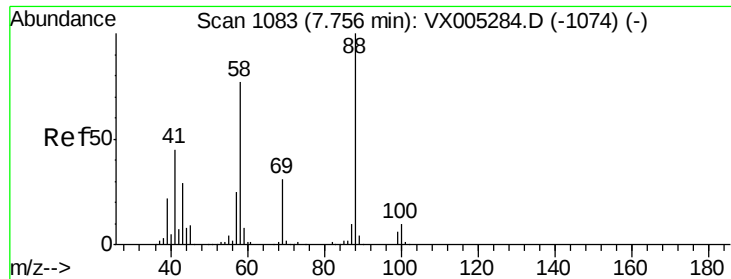
Acq: 15 Oct 2018 08:15

Tgt Ion:	41	Resp:	179527
Ion	Ratio	Lower	Upper
41	100		
69	81.9	70.2	105.4
39	50.7	42.7	64.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





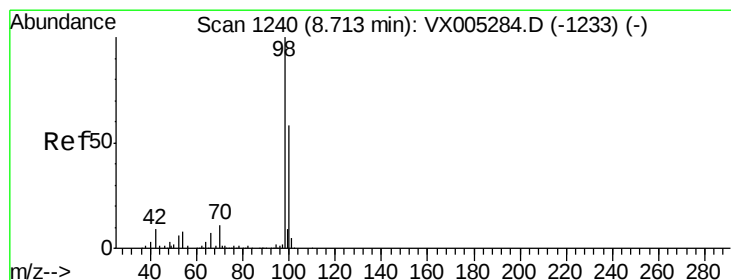
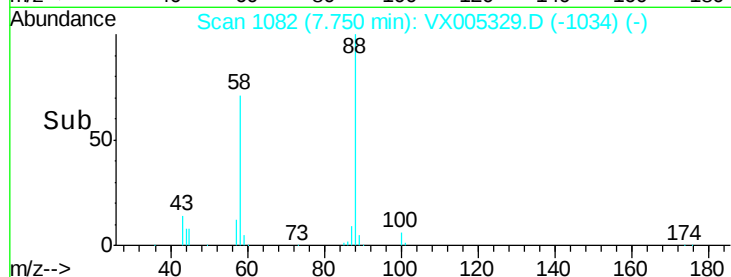
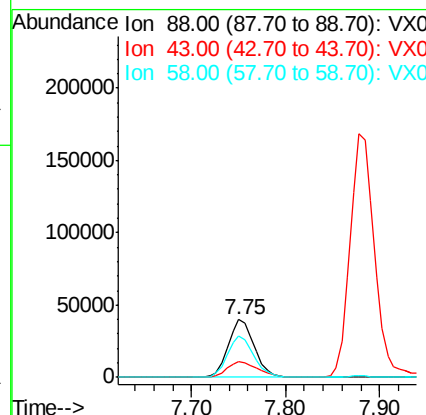
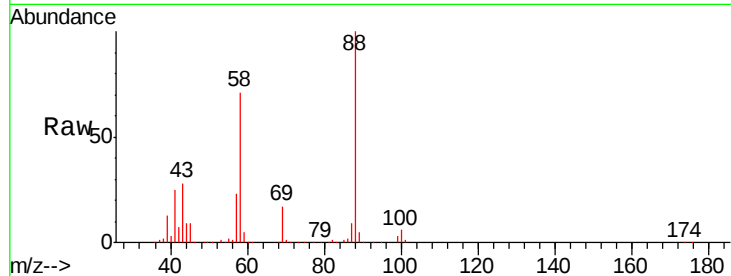
#49
1,4-Dioxane
Concen: 949.25 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.2	24.7	37.1
58	72.0	55.3	82.9

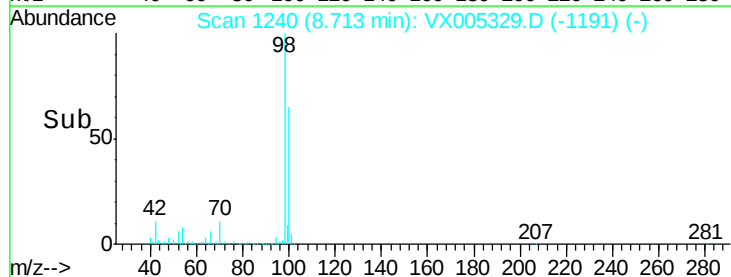
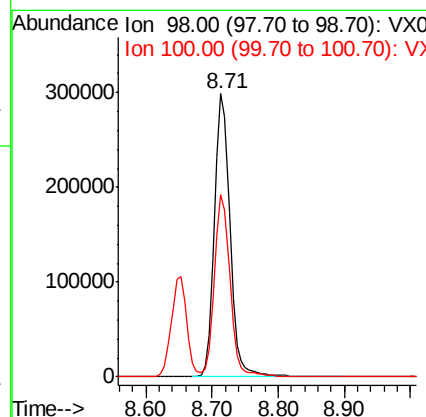
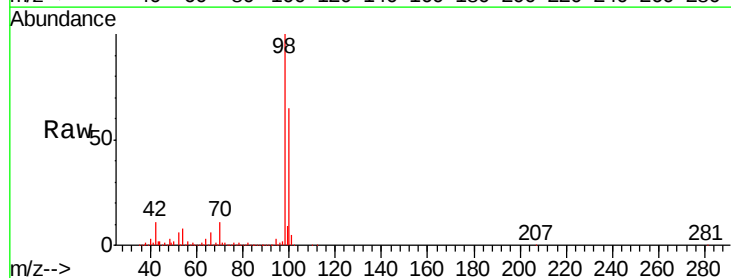
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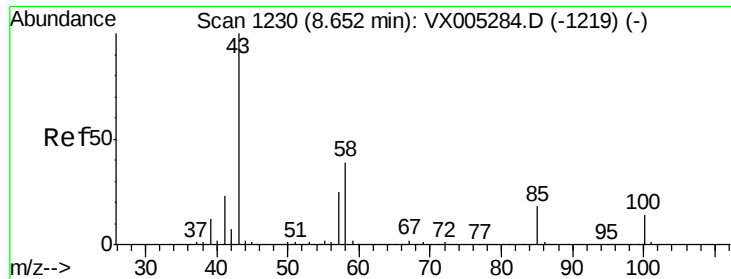
MMDadoda
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#50
Toluene-d8
Concen: 52.80 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.9	79.3





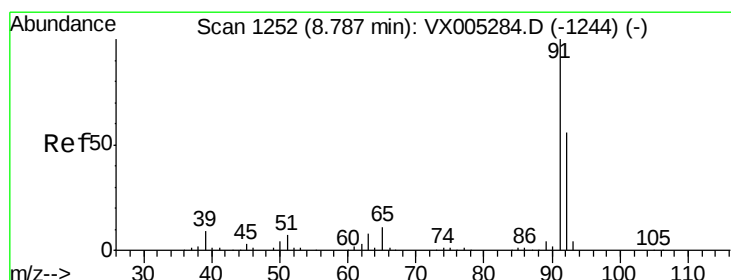
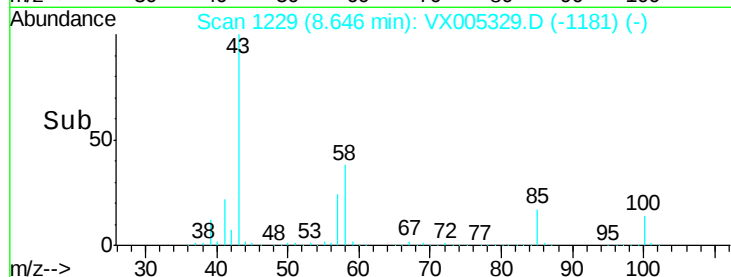
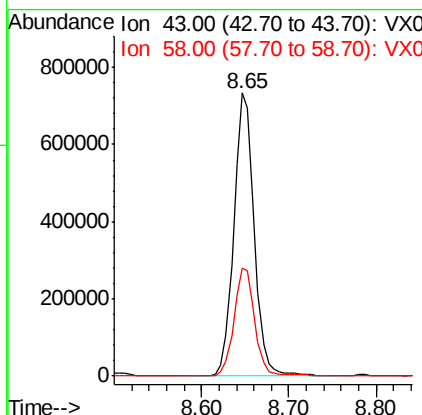
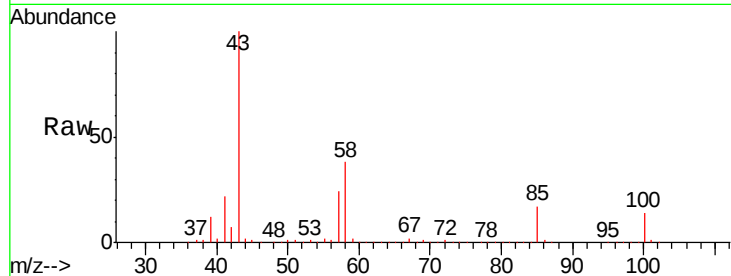
#51
4-Methyl-2-Pentanone
Concen: 255.48 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1196605
Ion Ratio Lower Upper
43 100
58 38.5 33.1 49.7

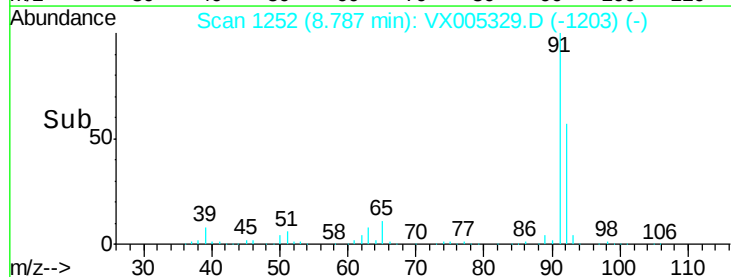
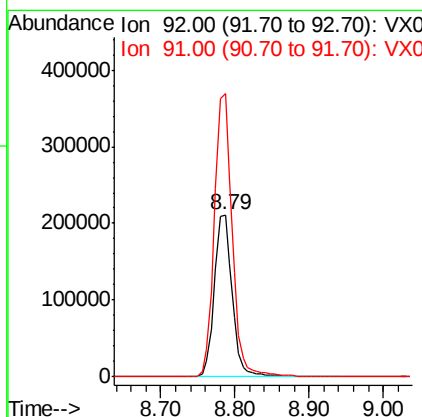
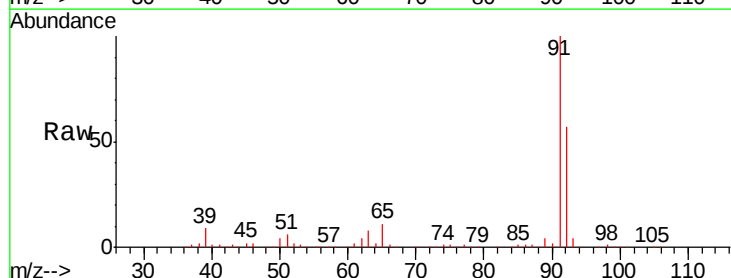
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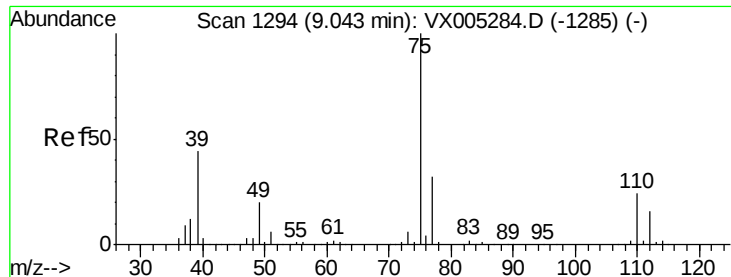
MMDadoda
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#52
Toluene
Concen: 53.90 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion: 92 Resp: 349256
Ion Ratio Lower Upper
92 100
91 174.7 136.4 204.6





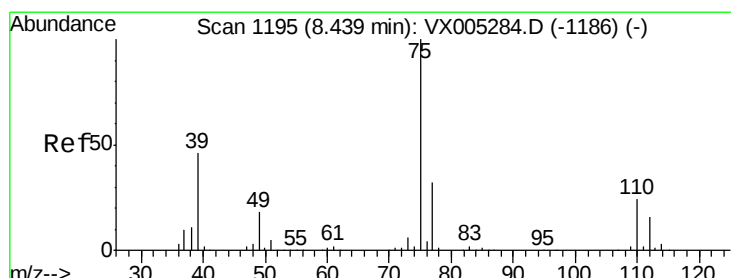
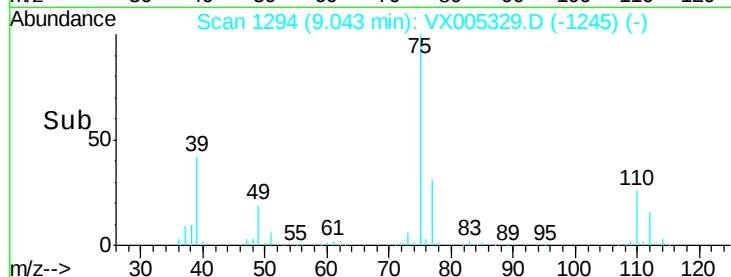
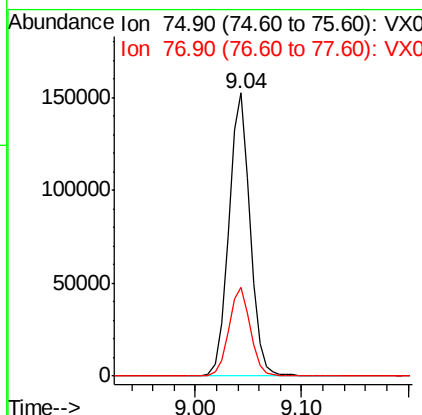
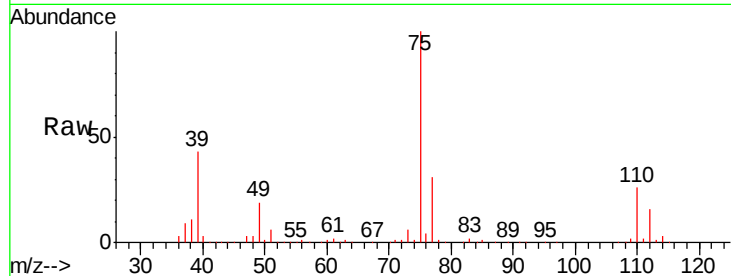
#53
t-1,3-Dichloropropene
Concen: 55.60 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 213424
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0

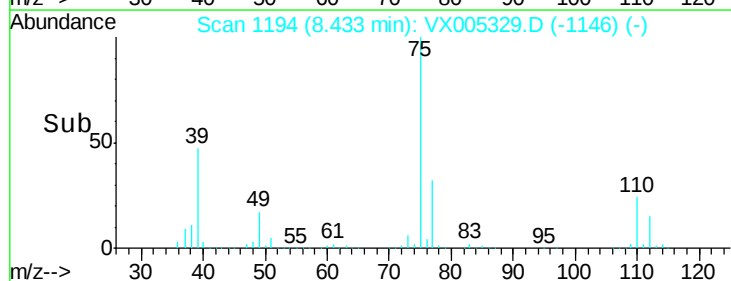
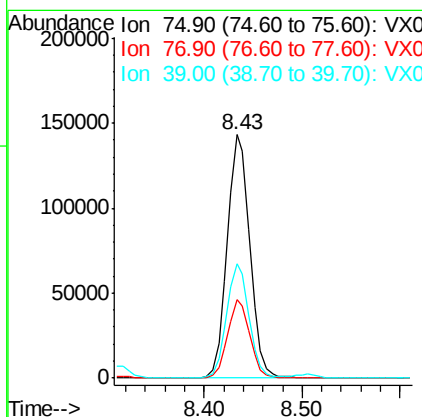
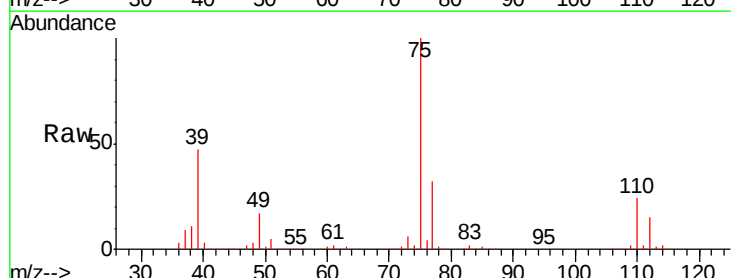
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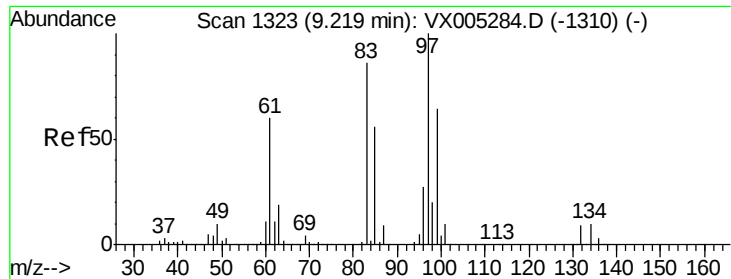
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#54
cis-1,3-Dichloropropene
Concen: 55.22 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion: 75 Resp: 229702
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2
39 46.6 36.4 54.6





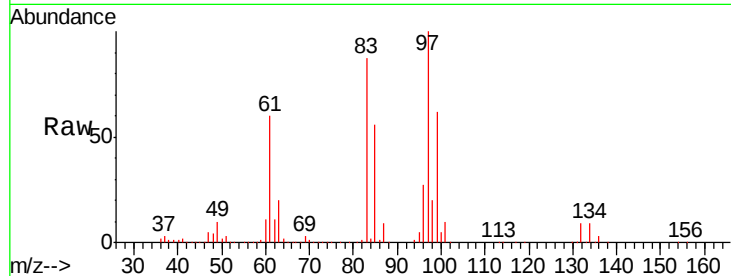
#55
 1,1,2-Trichloroethane
 Concen: 51.39 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

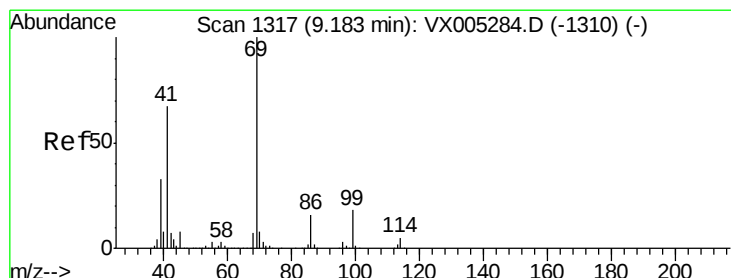
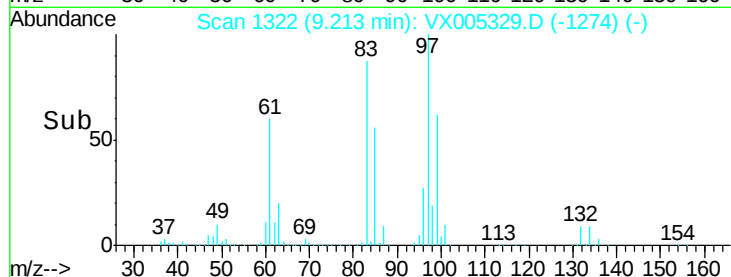
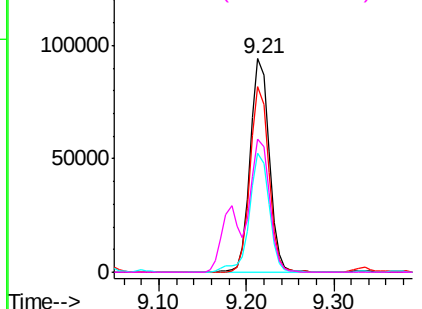
Tgt Ion	Ratio	Resp	Lower	Upper
97	100	141051		
83	86.8	66.4	99.6	
85	55.5	43.3	64.9	
99	62.5	49.0	73.4	

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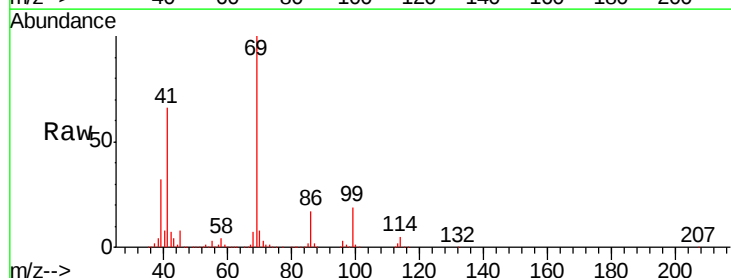


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

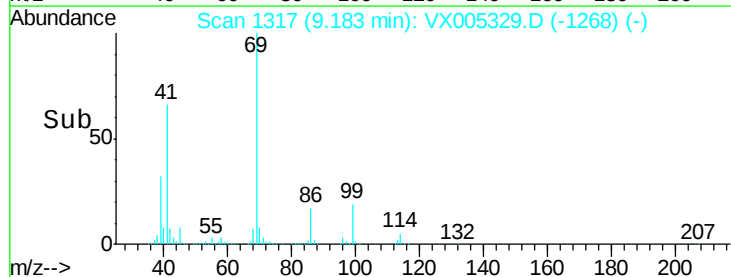
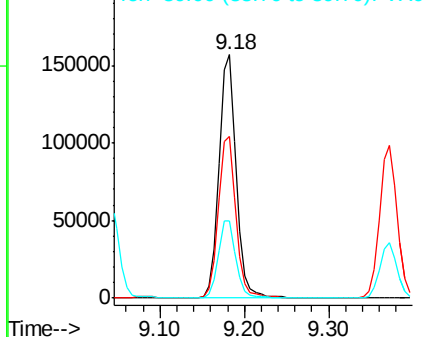


#56
 Ethyl methacrylate
 Concen: 55.72 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	222941		
41	67.7	51.0	76.4	
39	32.6	26.1	39.1	



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: 51.71 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 236888

Ion Ratio Lower Upper

76 100

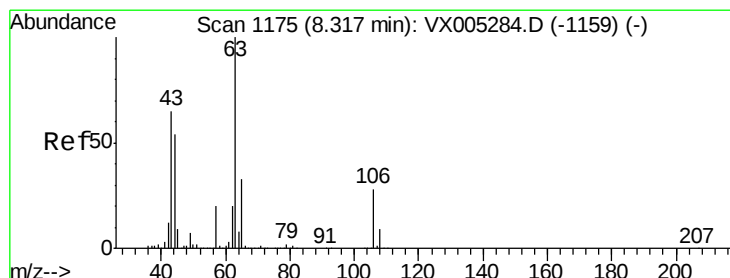
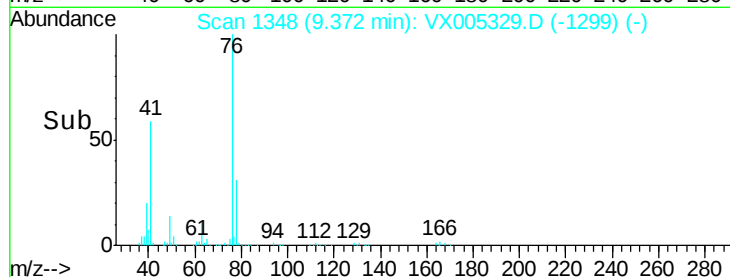
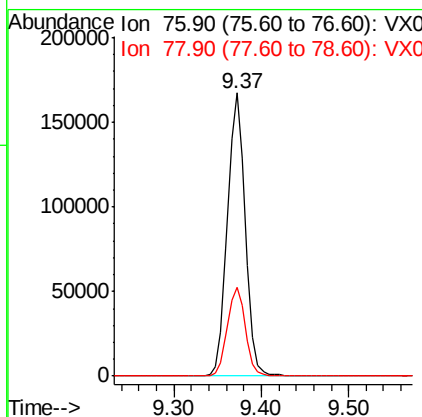
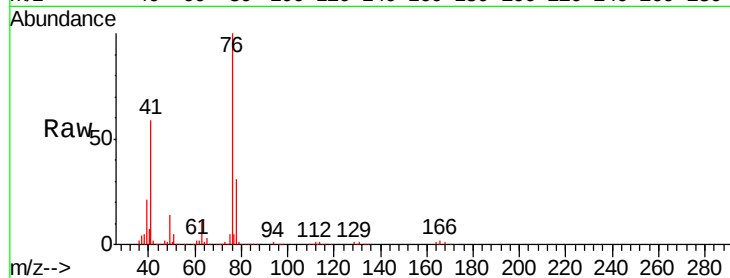
78 31.9 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 273.72 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005329.D

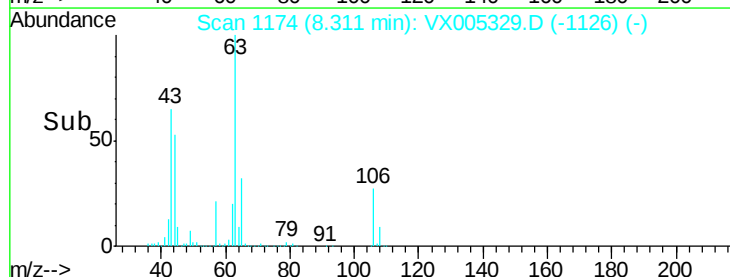
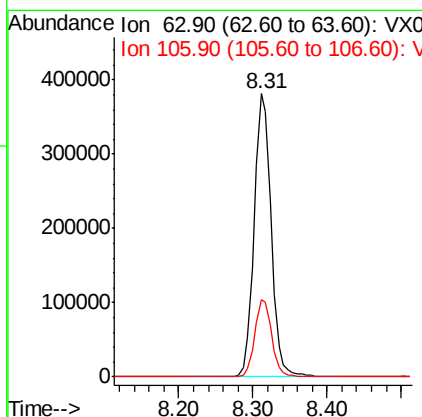
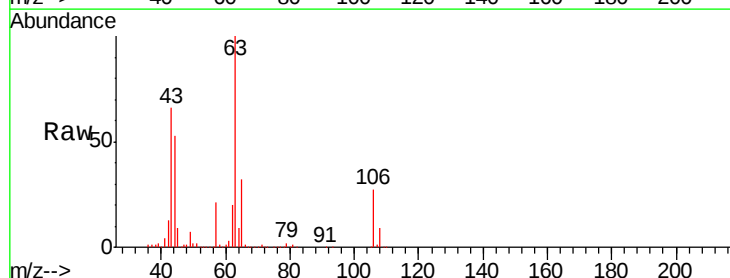
Acq: 15 Oct 2018 08:15

Tgt Ion: 63 Resp: 614231

Ion Ratio Lower Upper

63 100

106 27.3 23.9 35.9





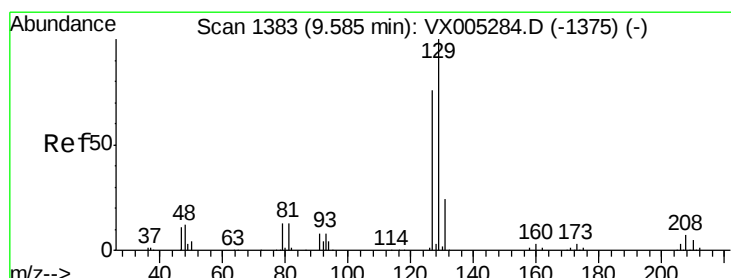
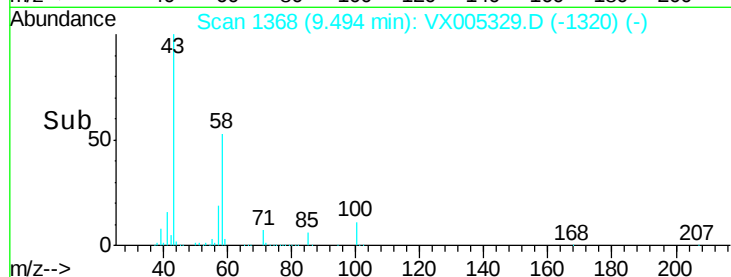
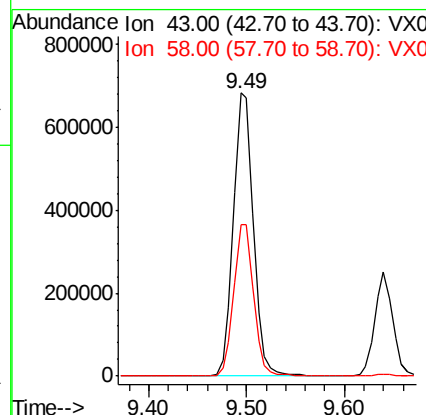
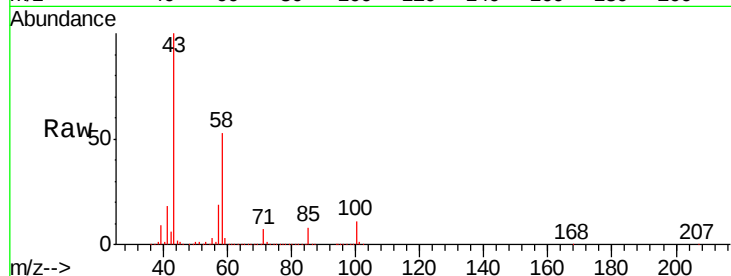
#59
2-Hexanone
Concen: 257.57 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 970412
Ion Ratio Lower Upper
43 100
58 53.7 29.0 87.0

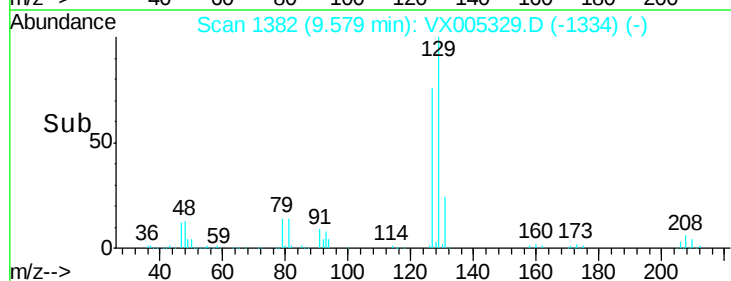
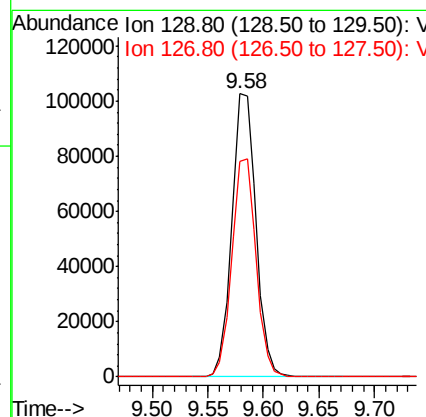
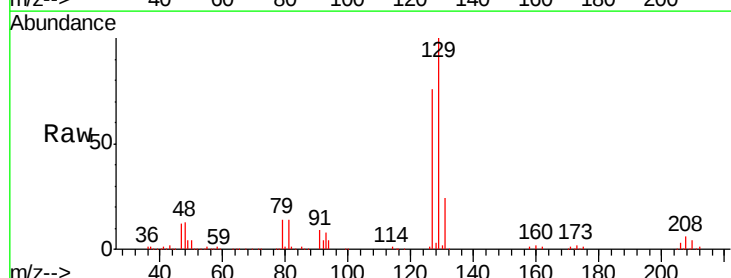
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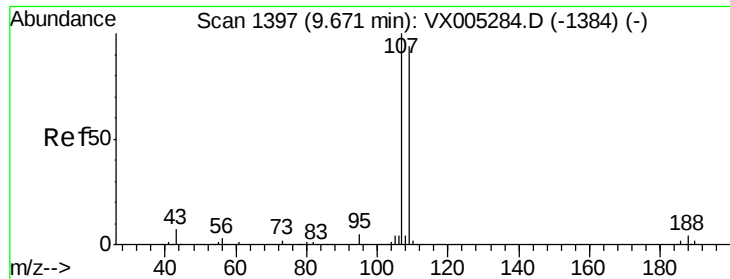
MMDadoda
10/16/2018 2:23:28 PM



#60
Dibromochloromethane
Concen: 54.25 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion: 129 Resp: 153911
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.51 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 148376

Ion Ratio Lower Upper

107 100

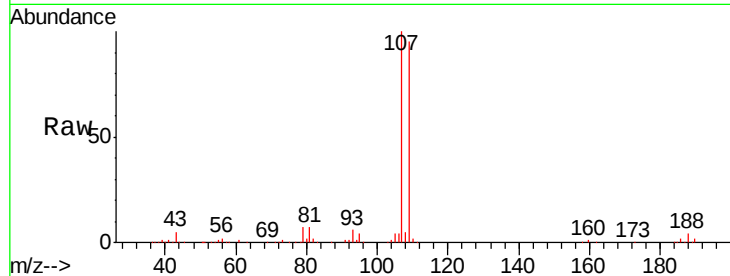
109 94.4 76.0 114.0

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

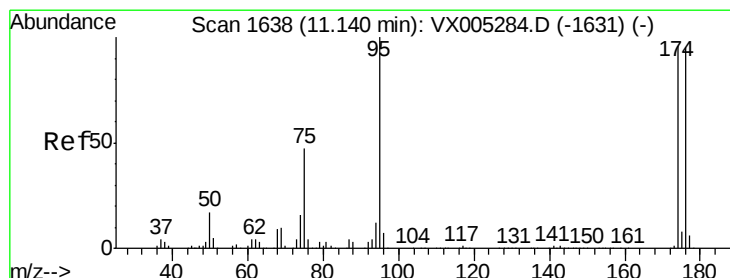
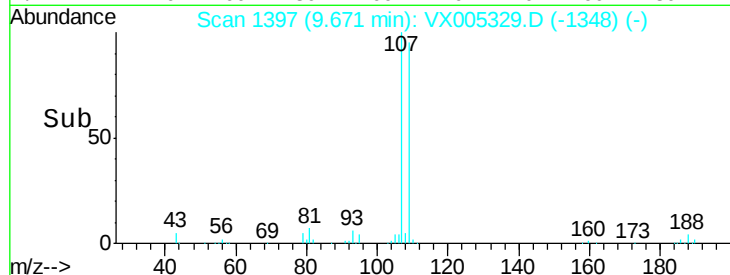
60000

40000

20000

0

Time--> 9.50 9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 53.24 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

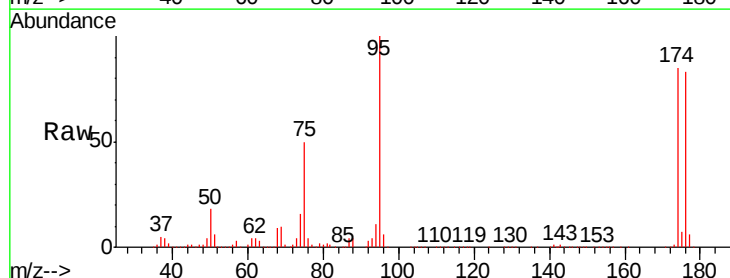
Tgt Ion: 95 Resp: 185401

Ion Ratio Lower Upper

95 100

174 95.2 0.0 185.2

176 92.0 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

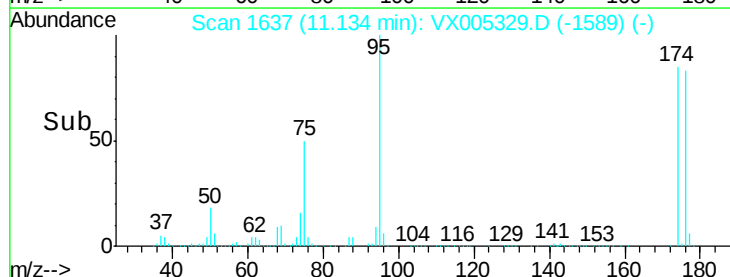
150000

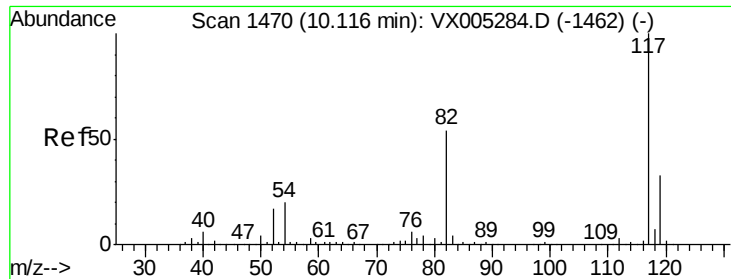
100000

50000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

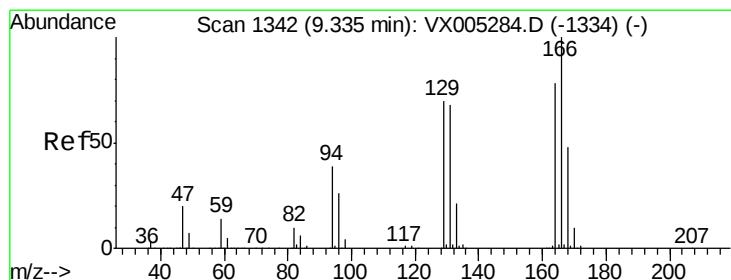
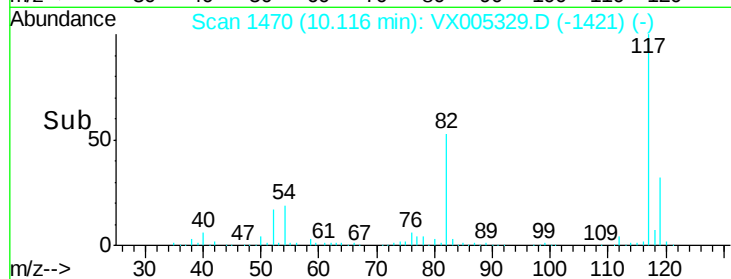
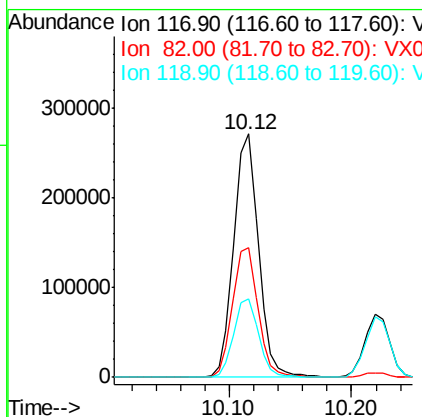
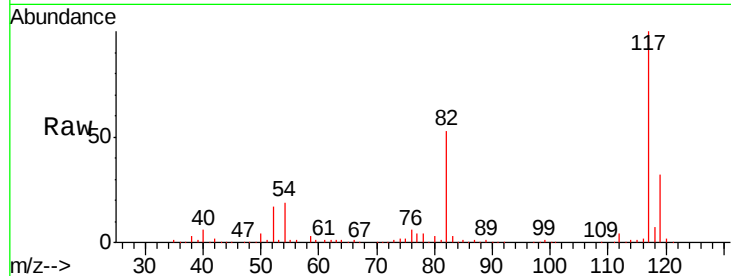
ClientSampleId :

VSTDCCC050

Tgt Ion:	117	Resp:	379640
Ion Ratio	Lower	Upper	
117	100		
82	53.1	47.8	71.6
119	32.3	29.3	43.9

Manual Integrations
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#64

Tetrachloroethene

Concen: 51.41 ug/l

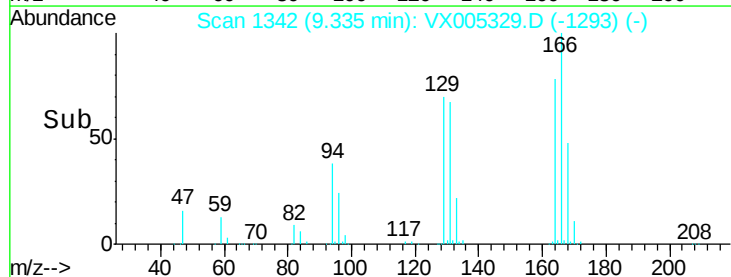
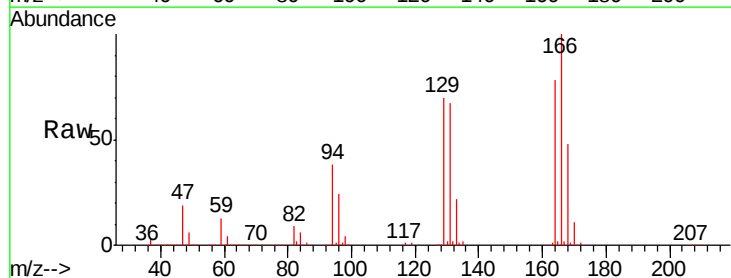
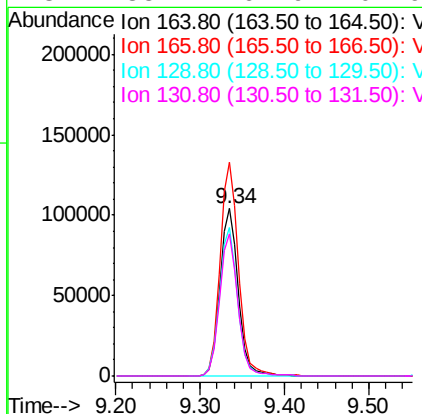
RT: 9.34 min Scan# 1342

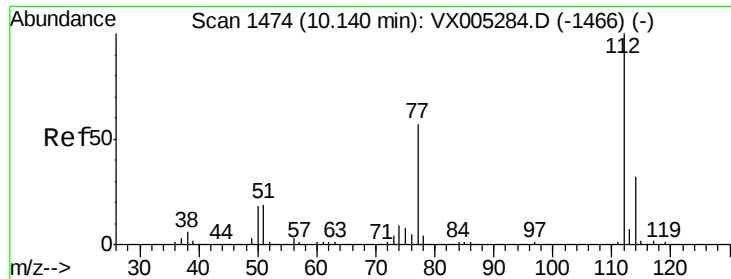
Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion:	164	Resp:	157112
Ion Ratio	Lower	Upper	
164	100		
166	127.5	102.8	154.2
129	88.8	69.4	104.0
131	85.2	67.9	101.9





#65

Chlorobenzene

Concen: 48.95 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 395288

Ion Ratio Lower Upper

112 100

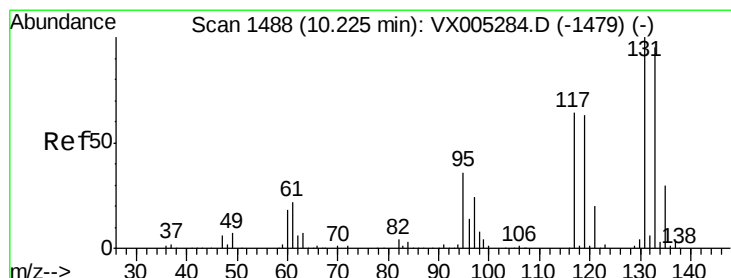
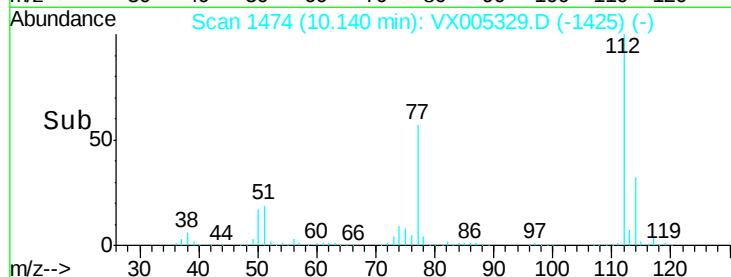
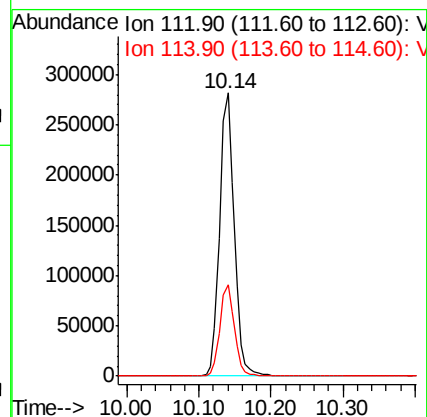
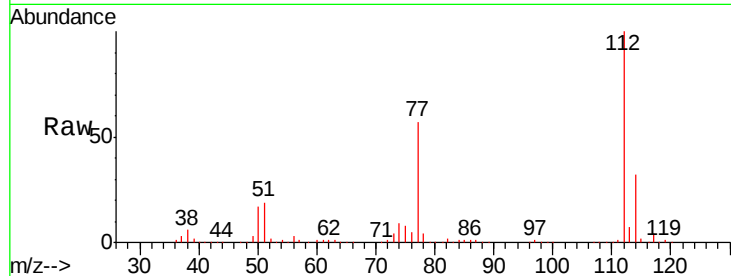
114 32.4 27.8 41.8

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 50.39 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

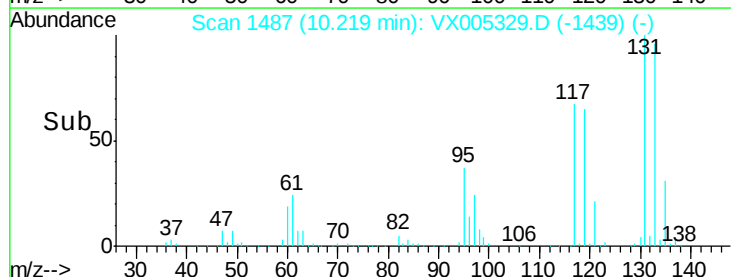
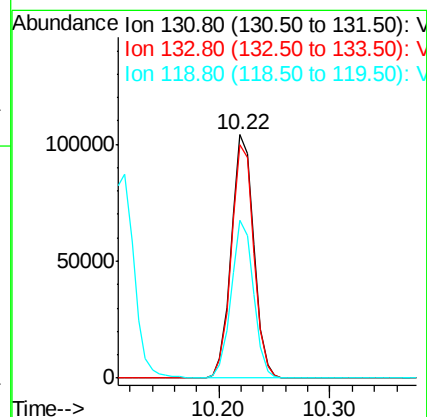
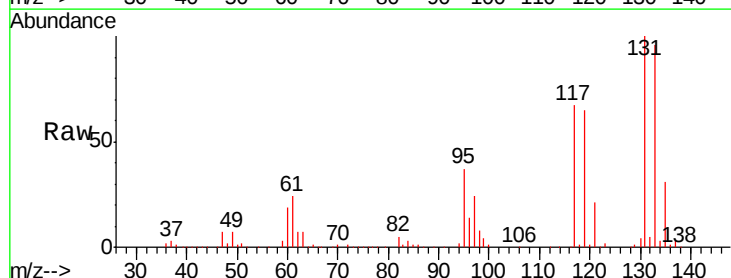
Tgt Ion:131 Resp: 144998

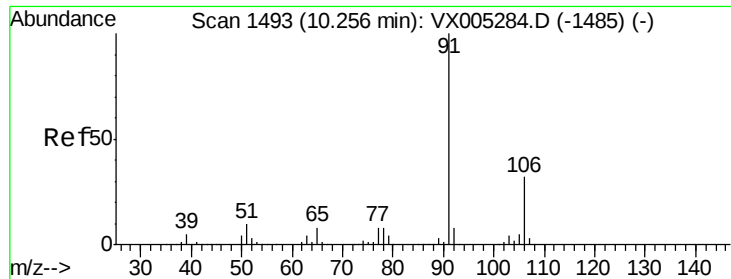
Ion Ratio Lower Upper

131 100

133 96.2 48.1 144.4

119 64.3 32.9 98.6





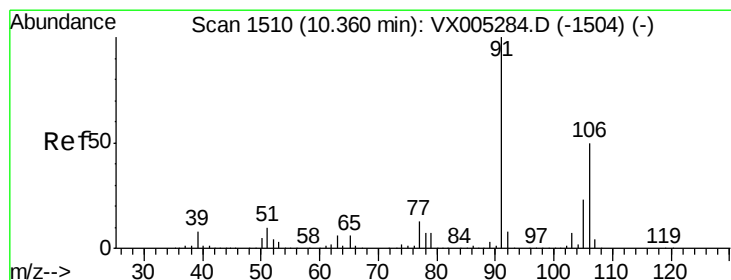
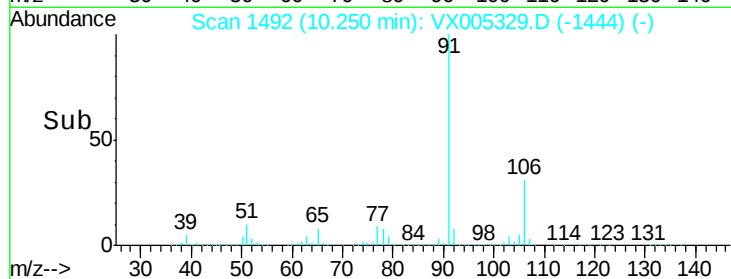
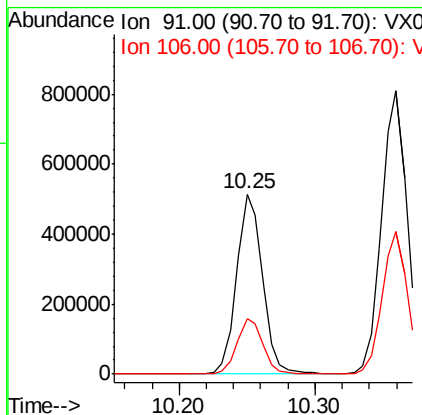
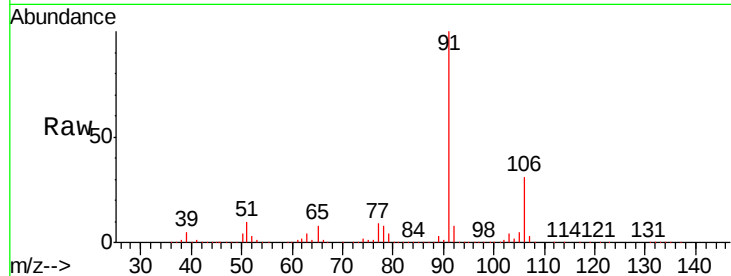
#67
Ethyl Benzene
Concen: 51.97 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 682222
Ion Ratio Lower Upper
91 100
106 30.6 25.9 38.9

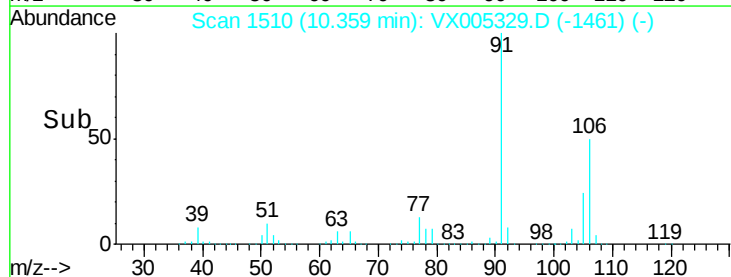
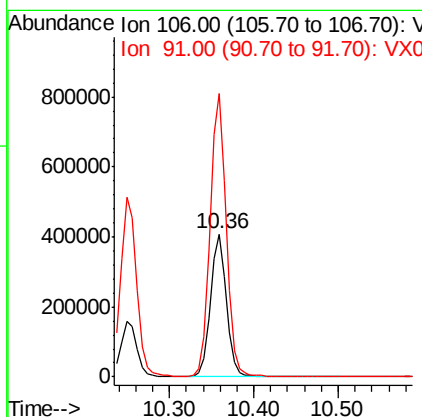
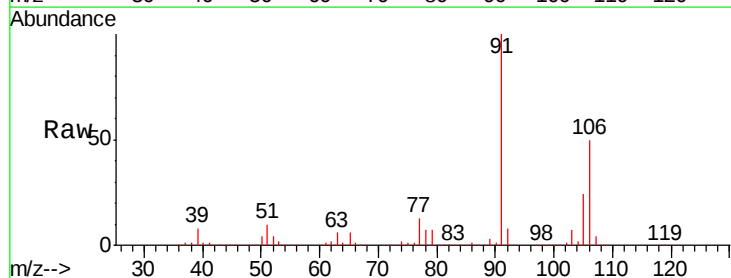
Manual Integrations
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#68
m/p-Xylenes
Concen: 104.95 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion: 106 Resp: 534753
Ion Ratio Lower Upper
106 100
91 202.0 157.1 235.7





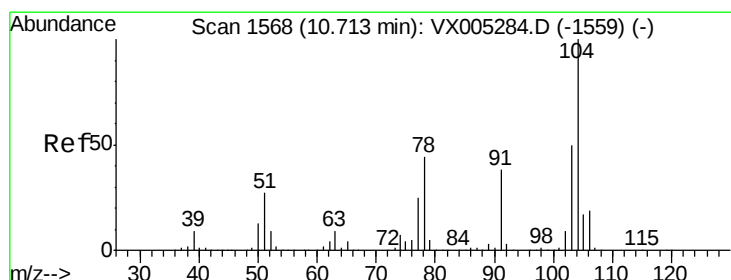
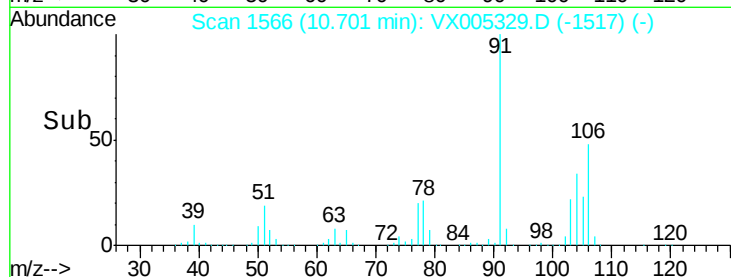
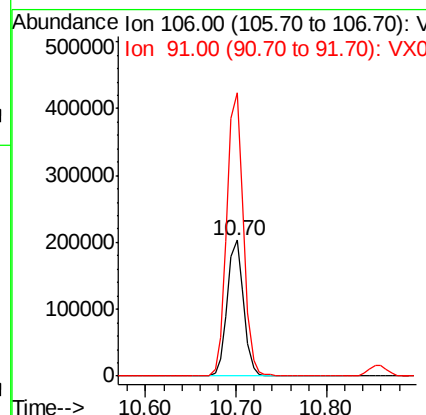
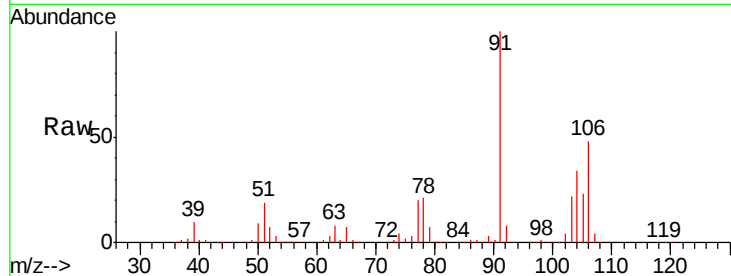
#69
o-Xylene
Concen: 52.04 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 255731
Ion Ratio Lower Upper
106 100
91 212.5 105.1 315.1

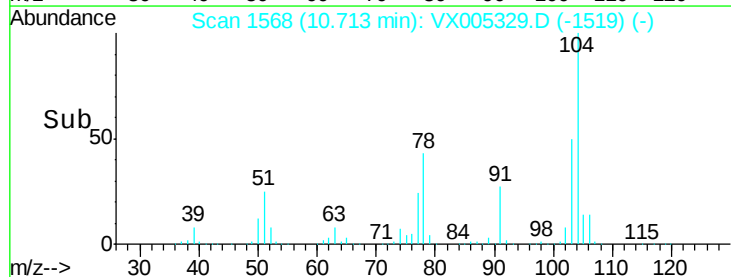
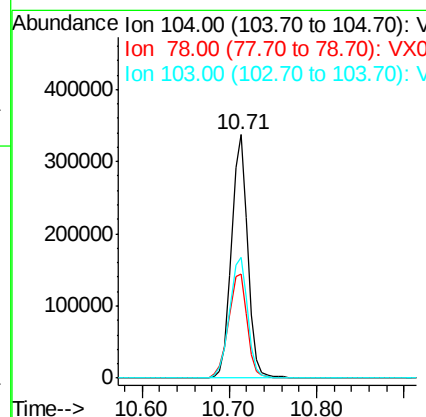
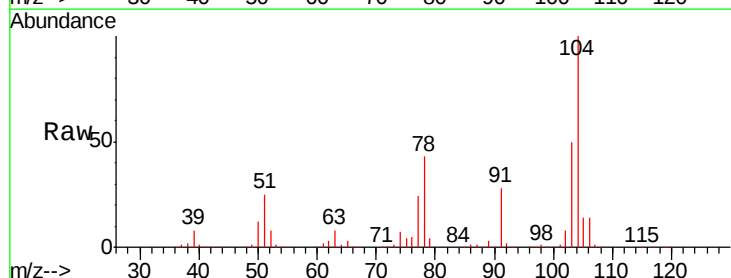
Manual Integrations
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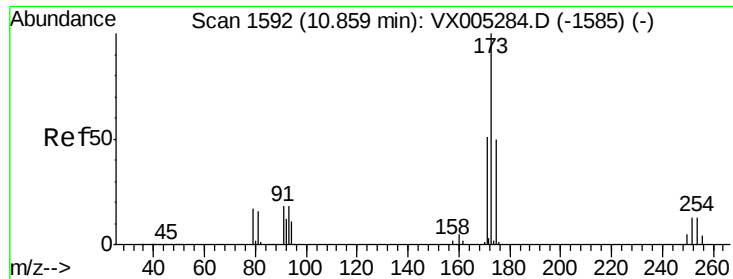
MMDadoda
10/16/2018 2:23:28 PM



#70
Styrene
Concen: 53.68 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion:104 Resp: 433863
Ion Ratio Lower Upper
104 100
78 49.1 37.4 56.0
103 55.4 43.8 65.6





#71

Bromoform

Concen: 51.30 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

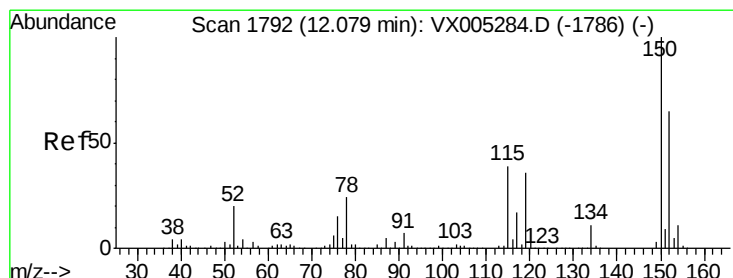
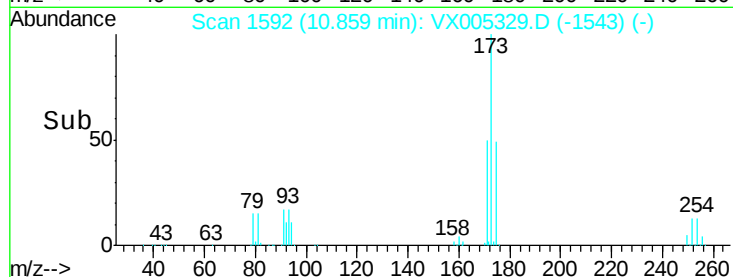
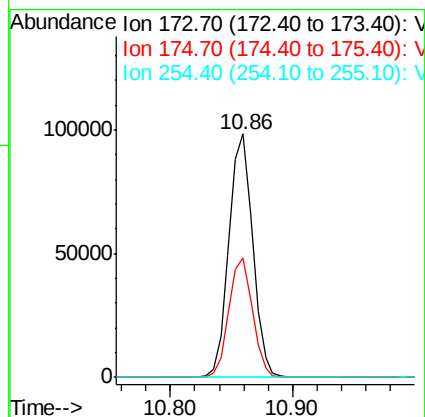
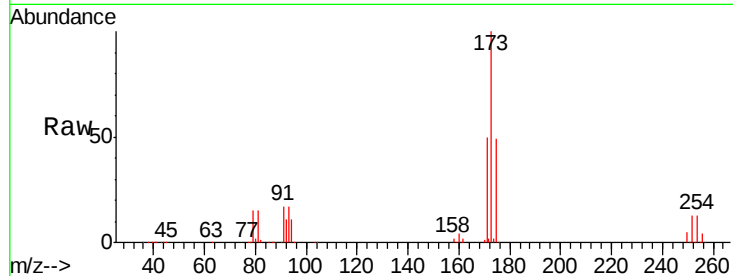
ClientSampleId :

VSTDCCC050

Tgt Ion:	173	Resp:	131931
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.1	72.3
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

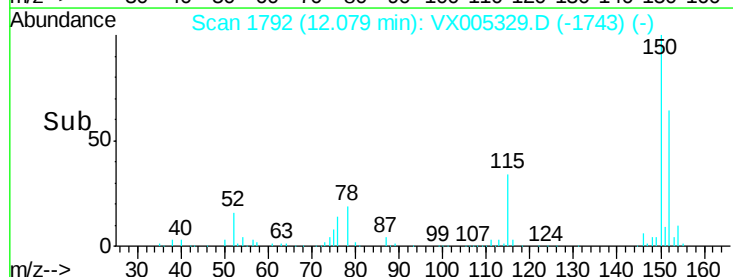
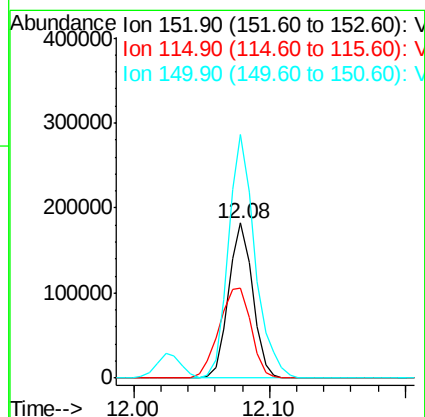
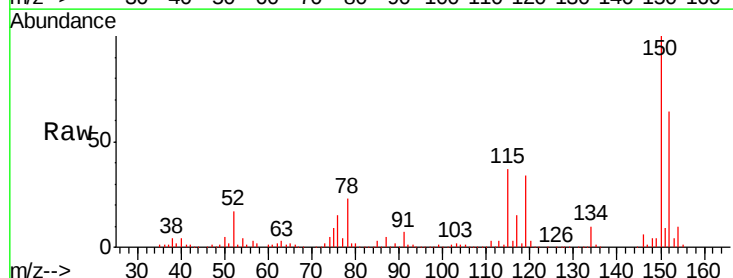
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion:	152	Resp:	224785
Ion Ratio	Lower	Upper	
152	100		
115	77.0	39.0	117.0
150	172.8	0.0	351.0





#73

Isopropylbenzene

Concen: 52.32 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 699207

Ion Ratio Lower Upper

105 100

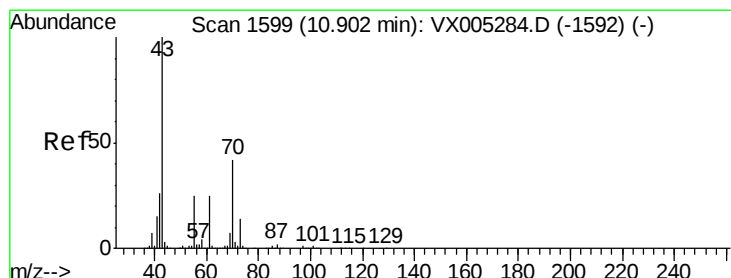
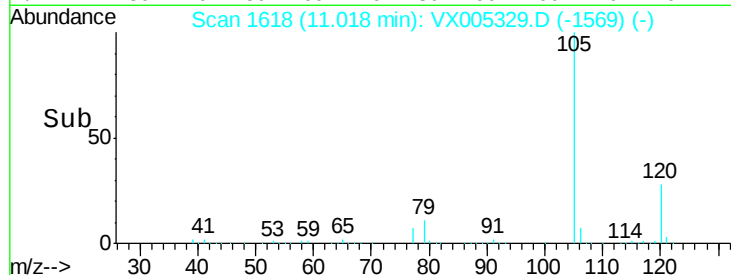
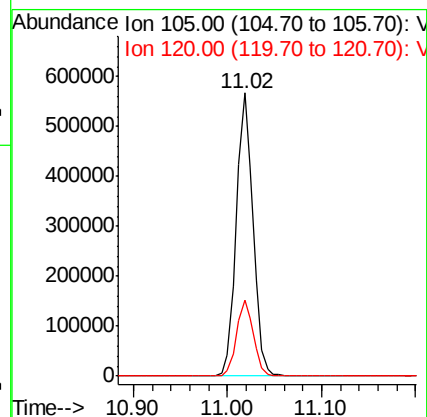
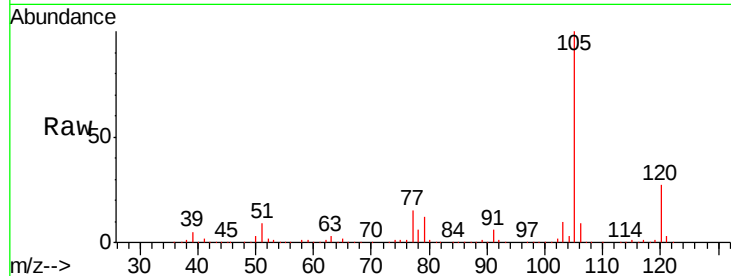
120 26.9 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 50.29 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion: 43 Resp: 324106

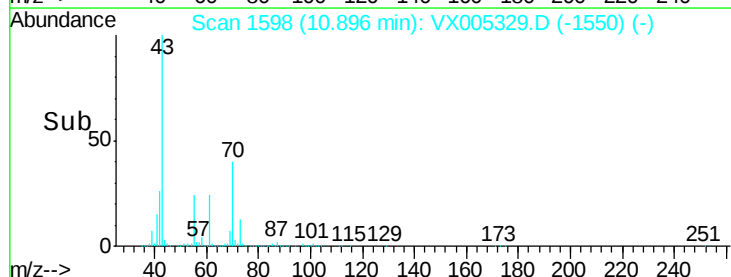
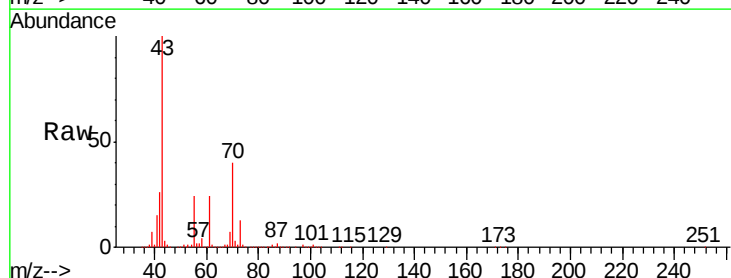
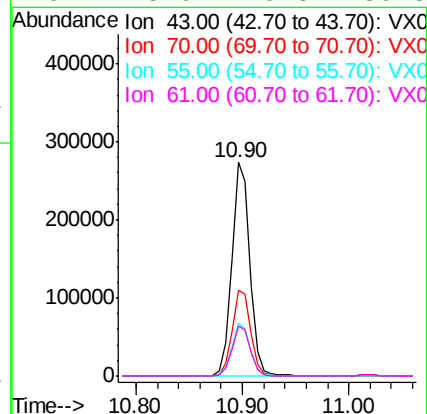
Ion Ratio Lower Upper

43 100

70 41.2 37.4 56.0

55 25.1 21.8 32.8

61 23.9 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.17 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 232721
Ion Ratio Lower Upper

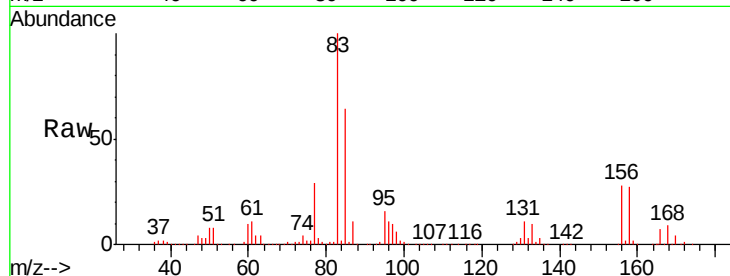
83 100

131 10.9 5.2 15.6

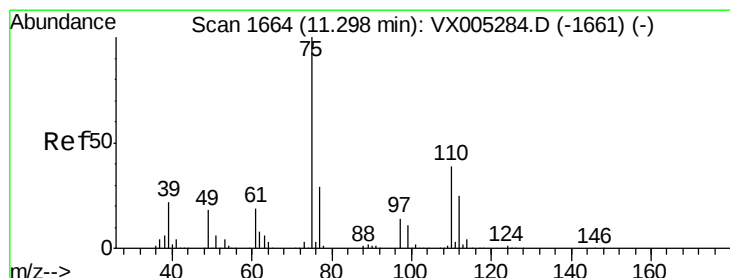
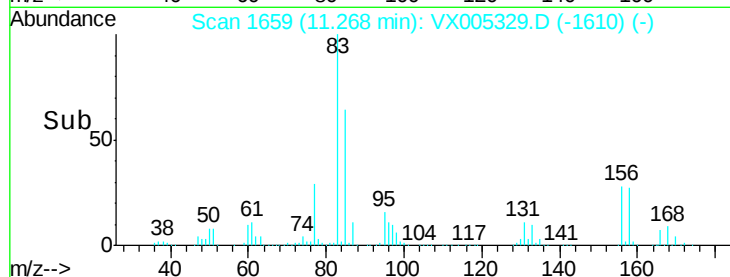
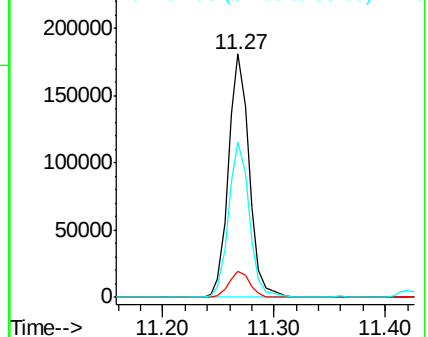
85 64.1 32.3 96.8

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



#76

1,2,3-Trichloropropane

Concen: 51.12 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

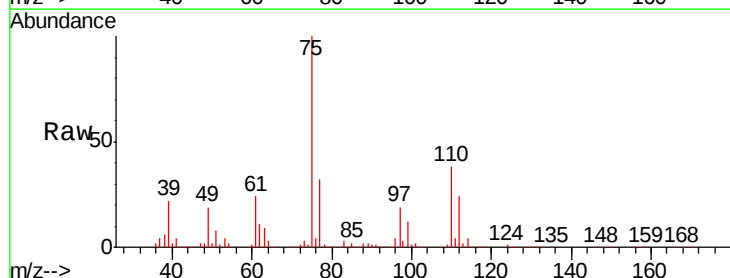
Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

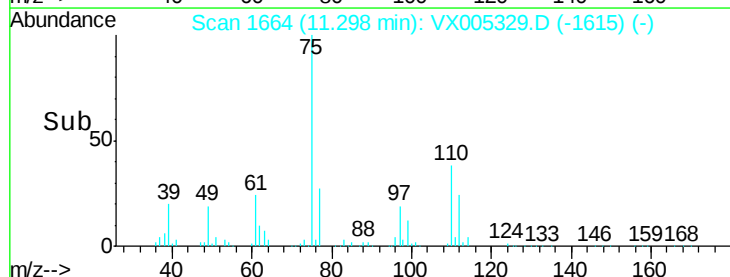
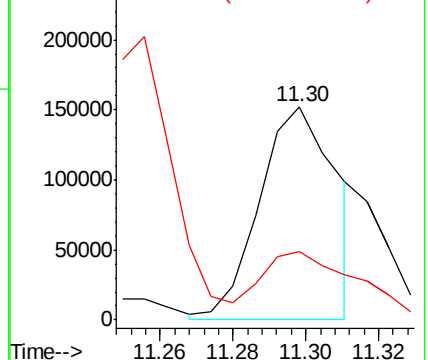
Tgt Ion: 75 Resp: 222878
Ion Ratio Lower Upper

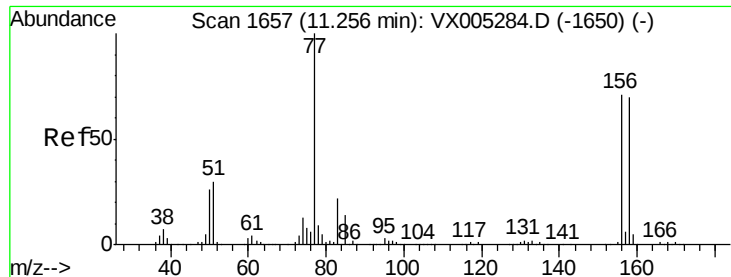
75 100

77 39.8 20.2 60.6



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





#77

Bromobenzene

Concen: 49.80 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

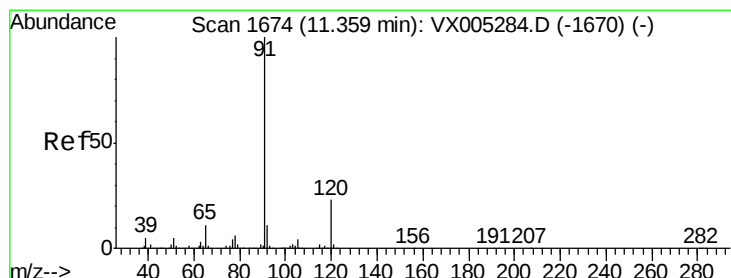
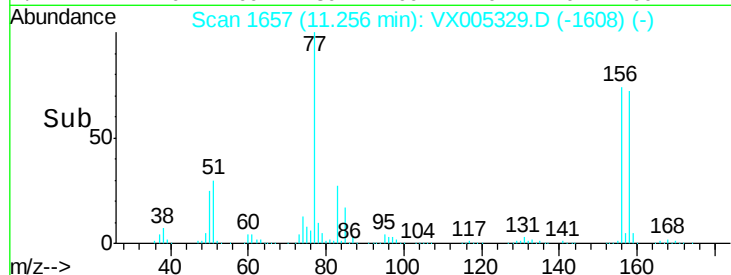
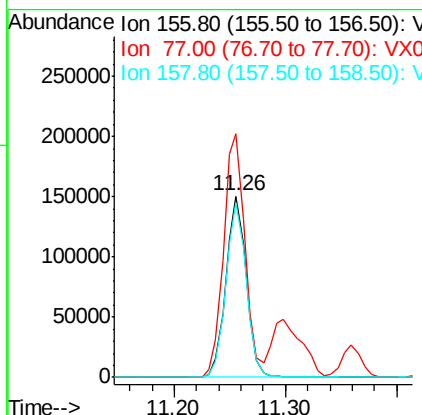
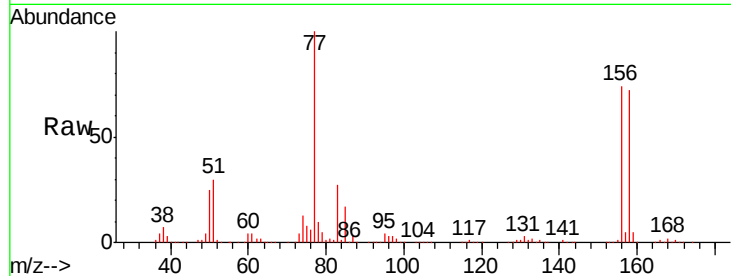
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	190274
Ion	Ratio	Lower	Upper
156	100		
77	141.5	71.5	214.3
158	96.7	48.9	146.8

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#78

n-propylbenzene

Concen: 53.06 ug/l

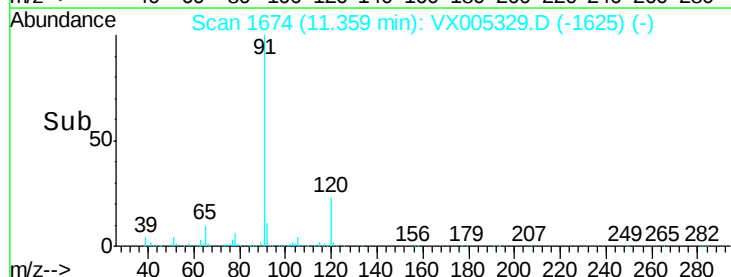
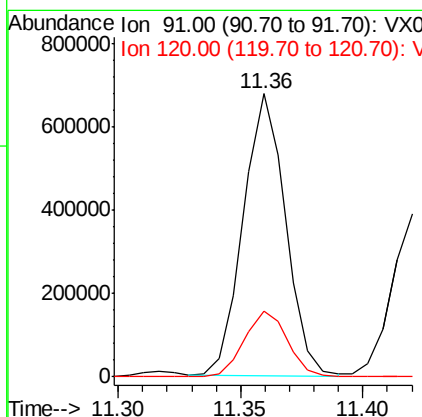
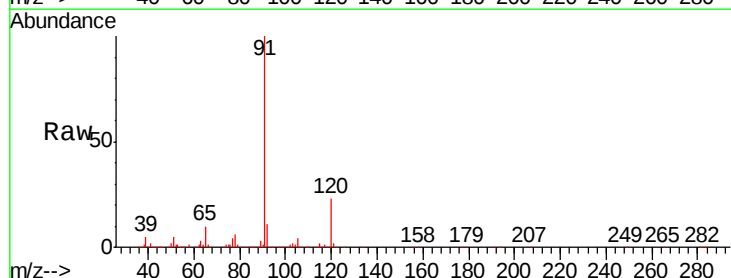
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion:	91	Resp:	815884
Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.9	35.9





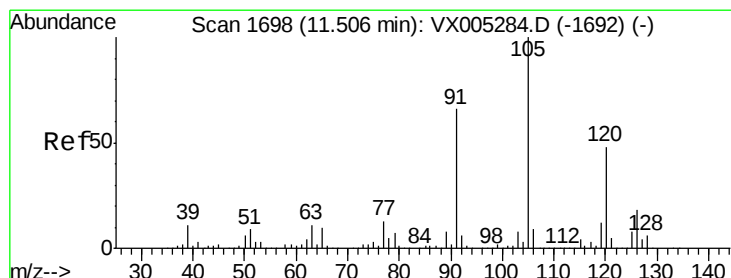
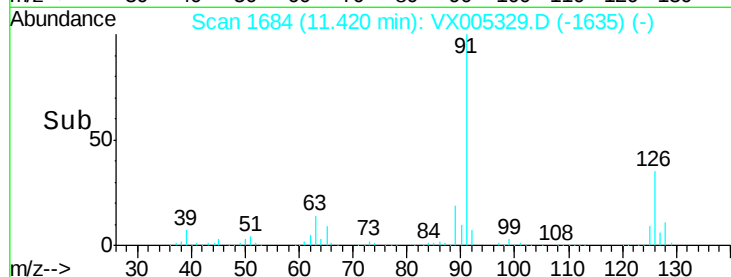
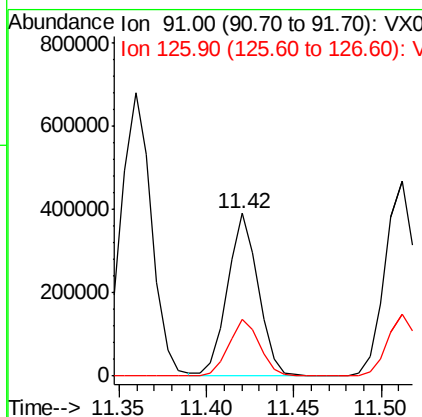
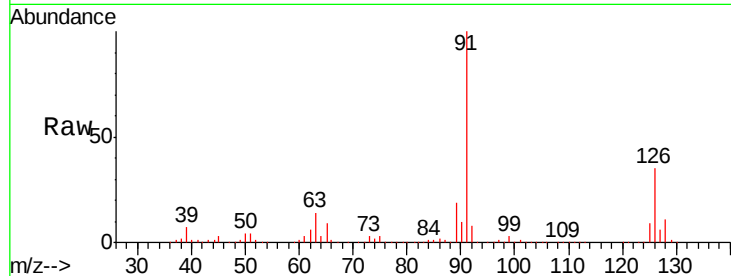
#79
 2-Chlorotoluene
 Concen: 50.32 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 473920
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.9 53.7

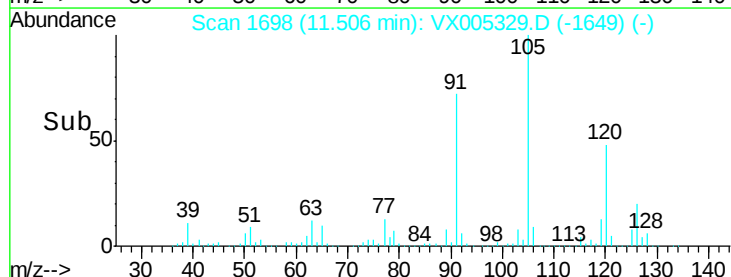
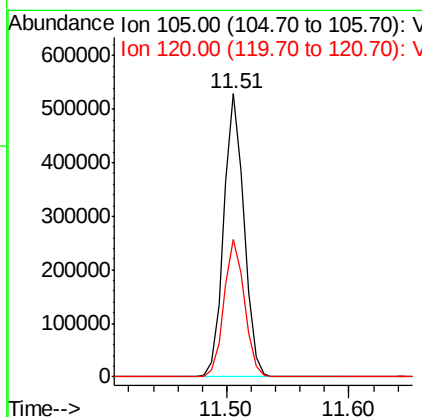
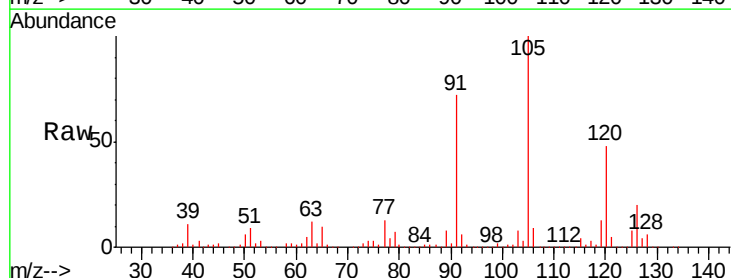
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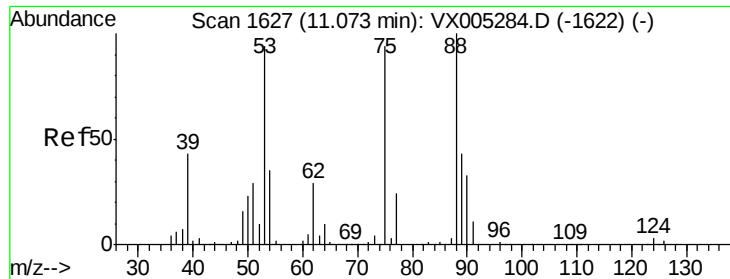
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.83 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Tgt Ion: 105 Resp: 604566
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.18 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

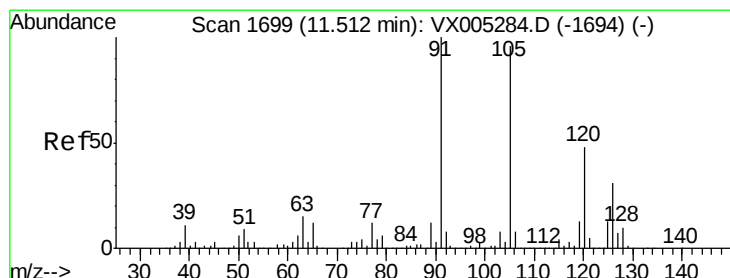
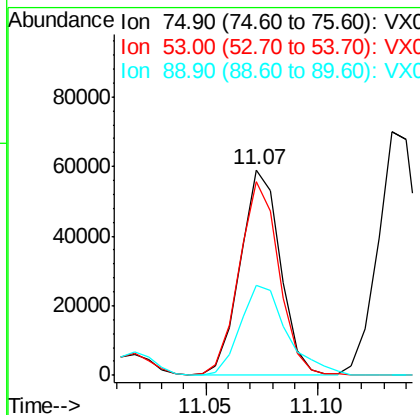
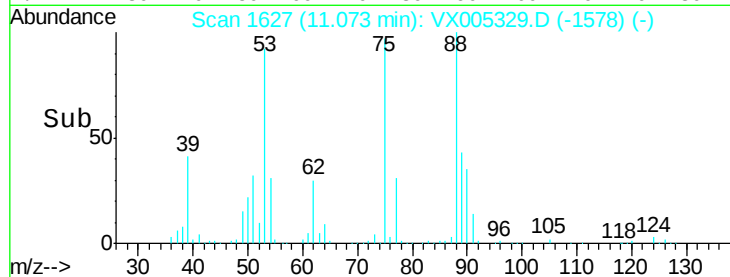
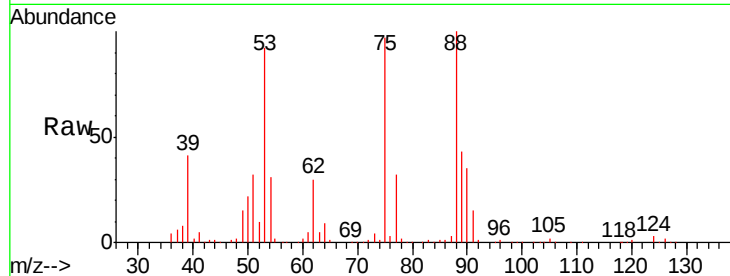
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	73441
Ion Ratio	Lower	Upper	
75	100		
53	94.3	80.1	120.1
89	52.1	37.2	55.8

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#82

4-Chlorotoluene

Concen: 51.10 ug/l

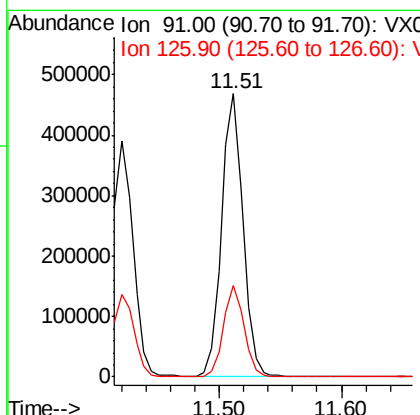
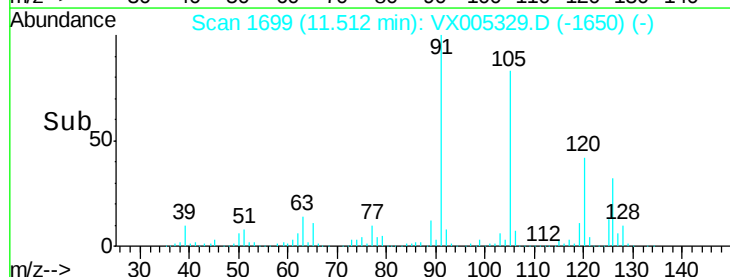
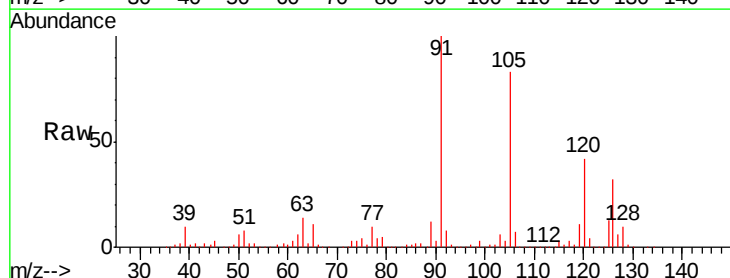
RT: 11.51 min Scan# 1699

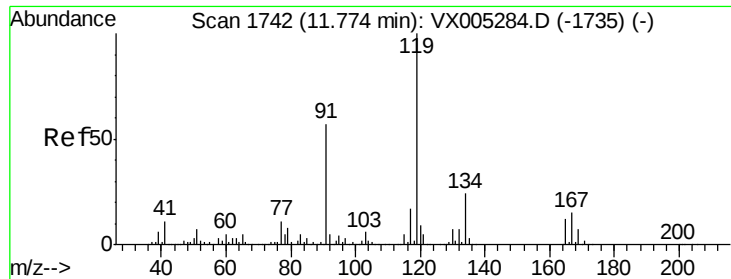
Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion:	91	Resp:	570453
Ion Ratio	Lower	Upper	
91	100		
126	31.0	15.5	46.5





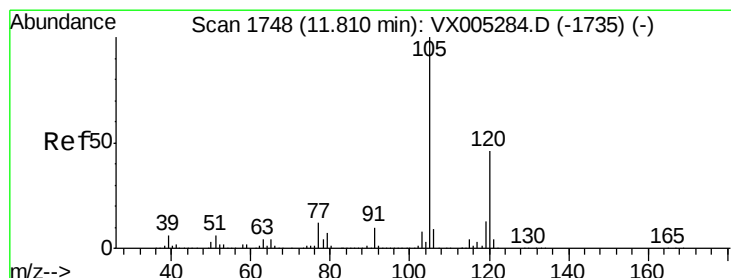
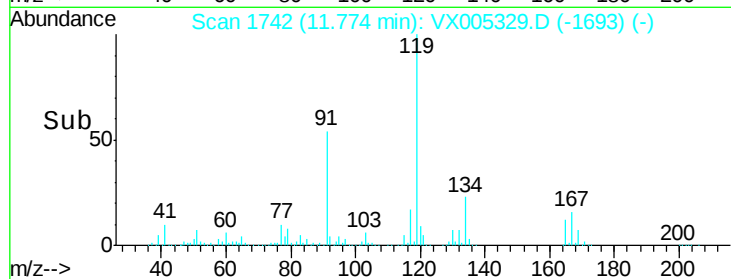
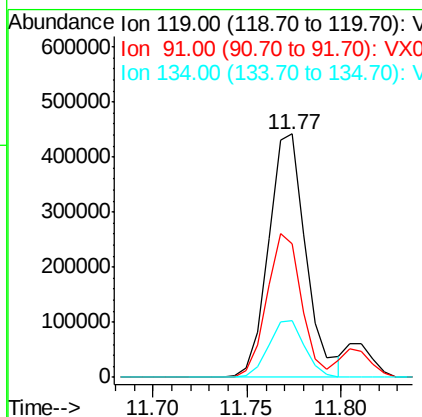
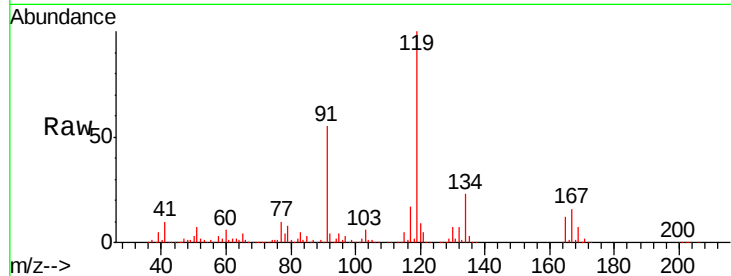
#83
 tert-Butylbenzene
 Concen: 52.26 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	54.8	27.0	81.0
134	22.6	11.7	35.1

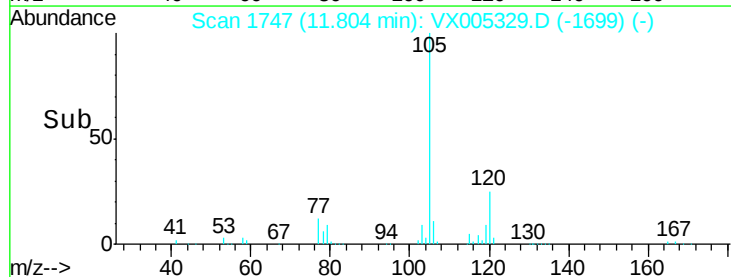
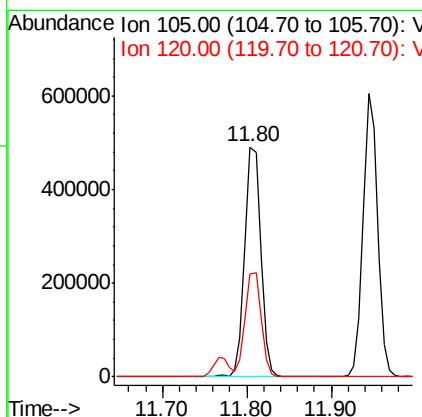
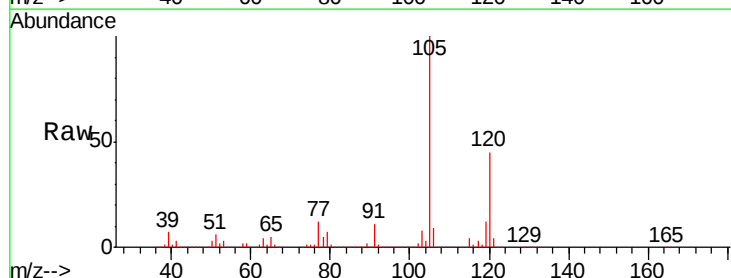
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.81 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.2	69.6





#85

sec-Butylbenzene

Concen: 53.42 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 732525

Ion Ratio Lower Upper

105 100

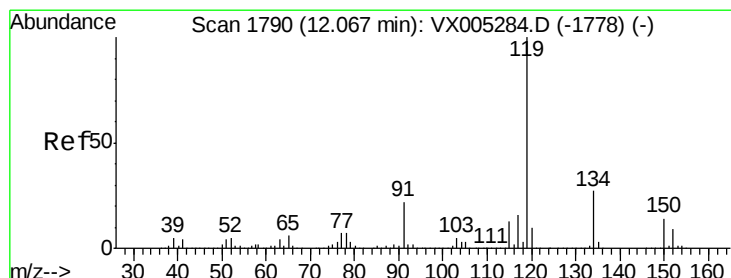
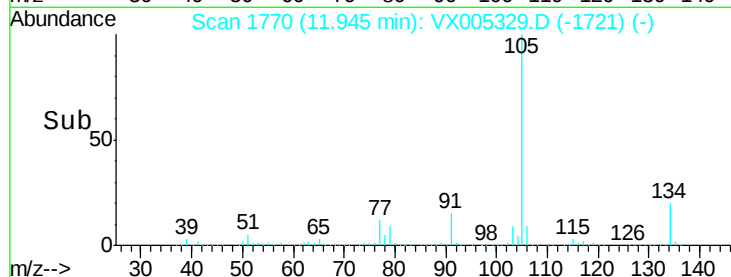
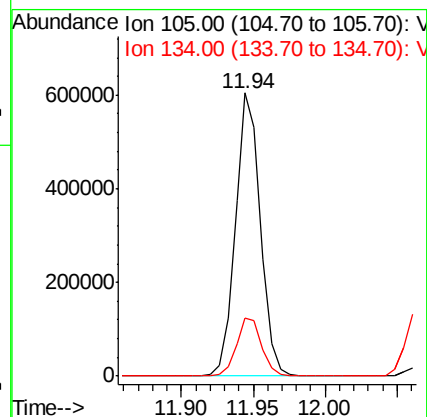
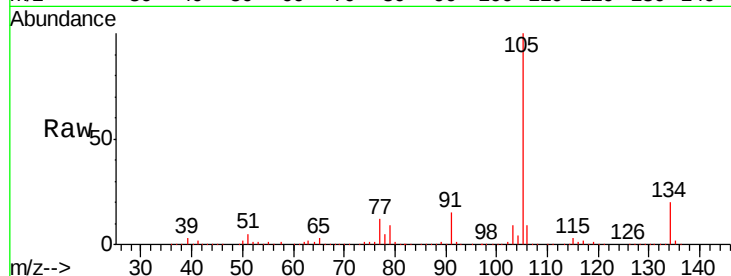
134 20.8 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 54.31 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

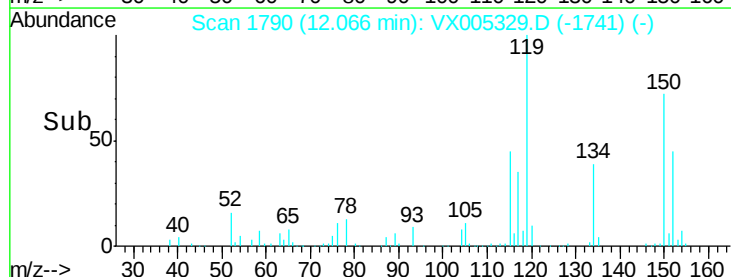
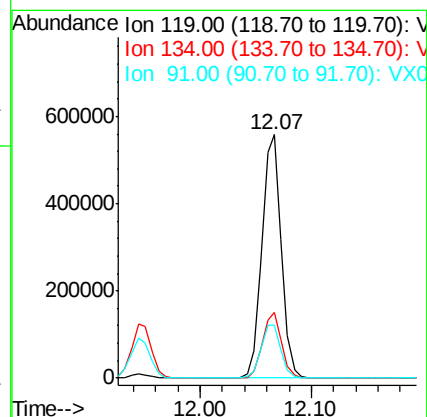
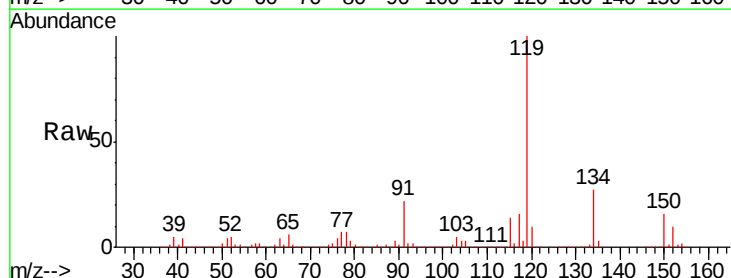
Tgt Ion:119 Resp: 673195

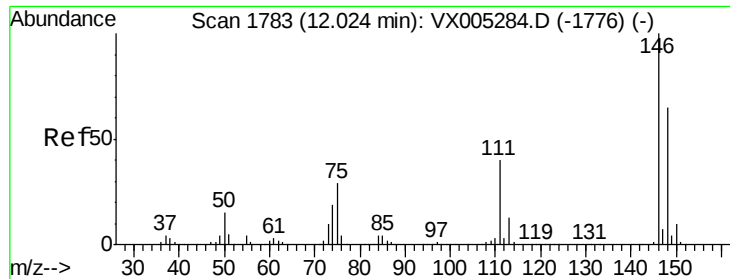
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 22.5 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 50.45 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

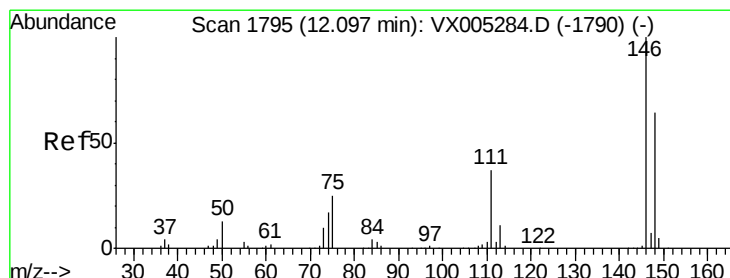
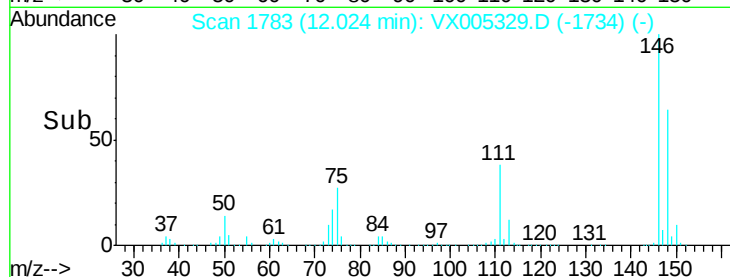
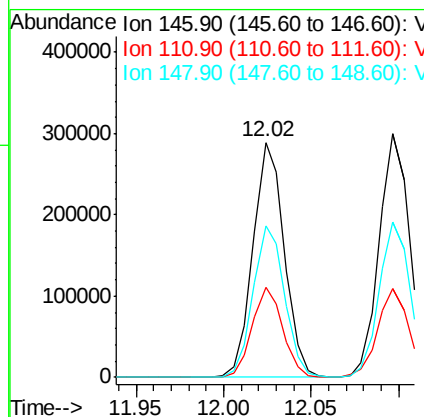
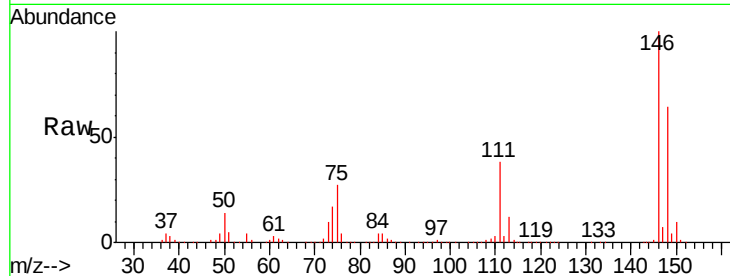
ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	360177
Ion Ratio	Lower	Upper	
146	100		
111	37.6	18.7	56.1
148	64.9	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 50.02 ug/l

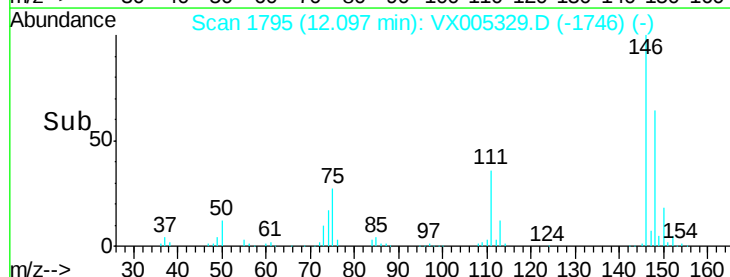
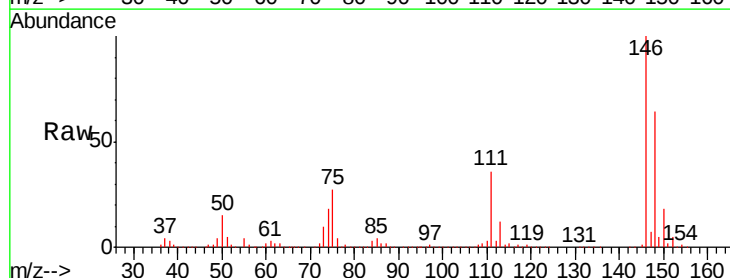
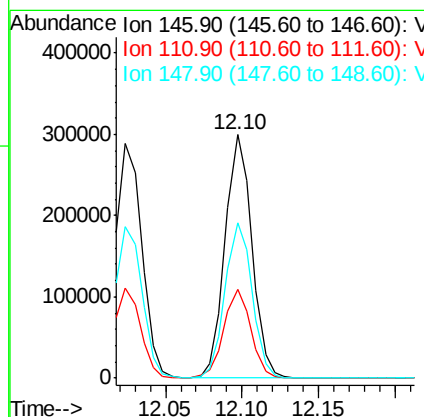
RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion:	146	Resp:	365343
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.1	54.1
148	64.5	32.0	96.0





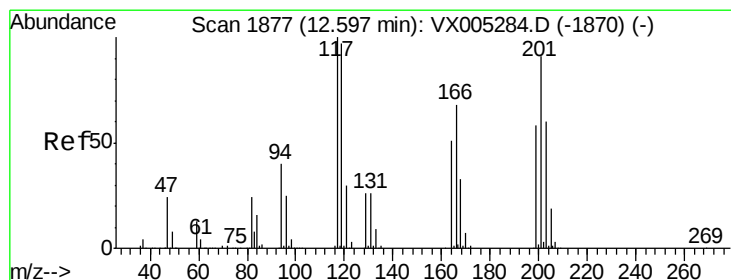
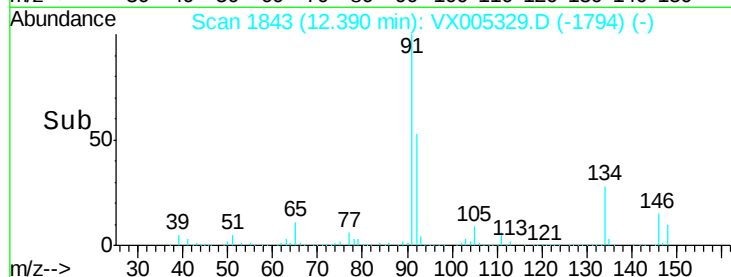
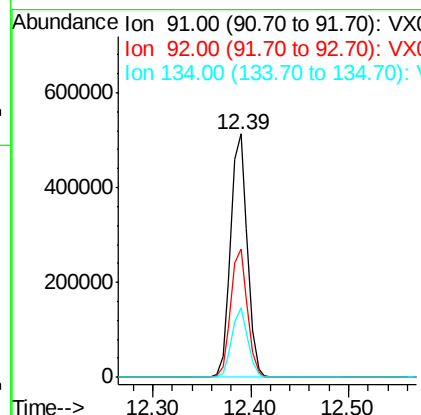
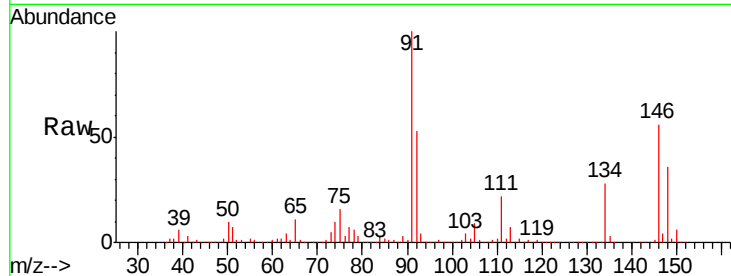
#89
n-Butylbenzene
Concen: 53.98 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 607476
Ion Ratio Lower Upper
91 100
92 52.6 27.3 81.9
134 27.5 13.6 40.7

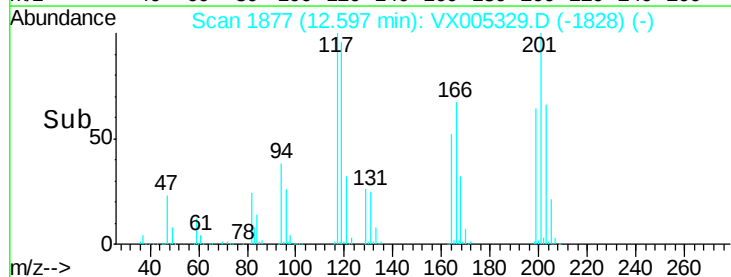
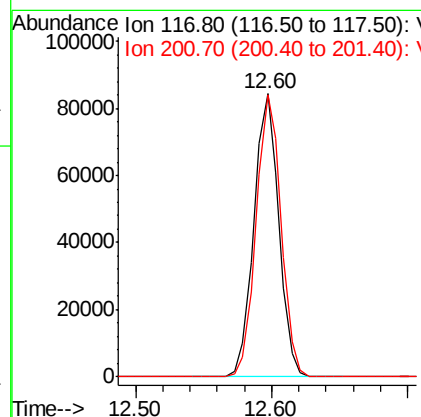
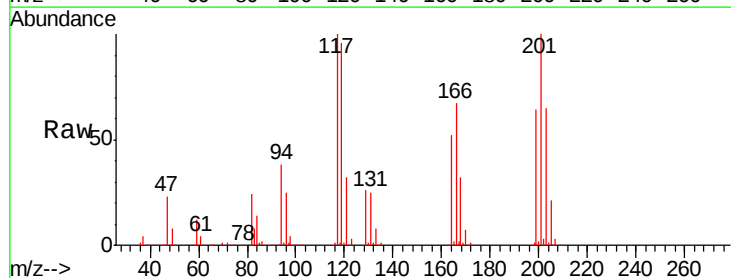
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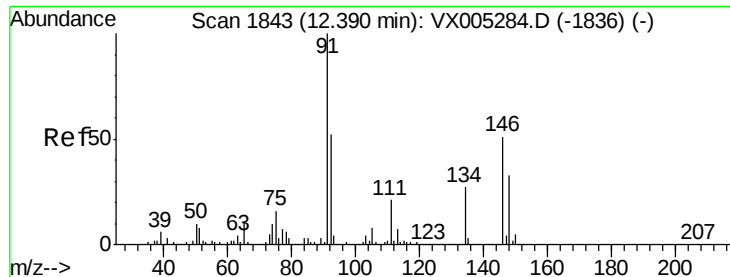
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#90
Hexachloroethane
Concen: 50.56 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion: 117 Resp: 107996
Ion Ratio Lower Upper
117 100
201 100.4 46.9 140.6





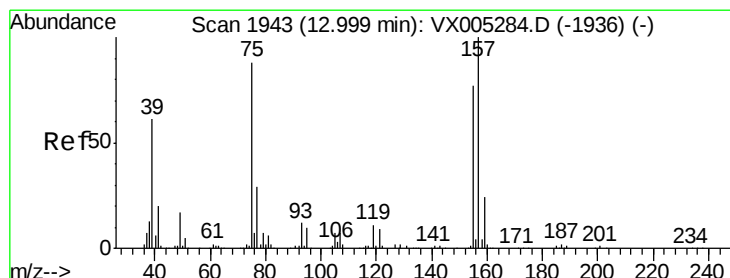
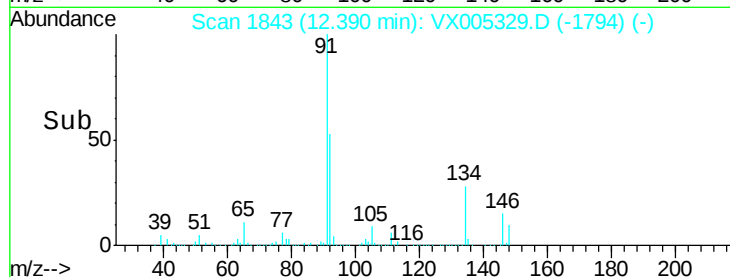
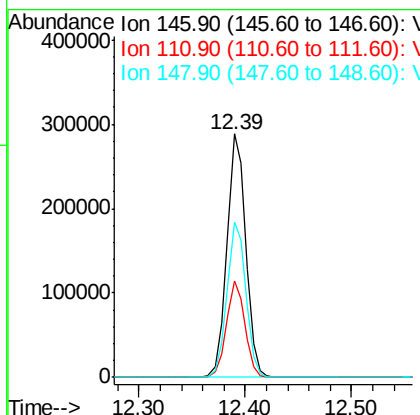
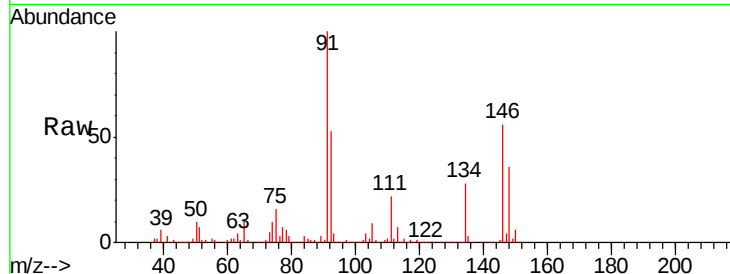
#91
 1,2-Dichlorobenzene
 Concen: 49.23 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	64.0	32.8	98.3

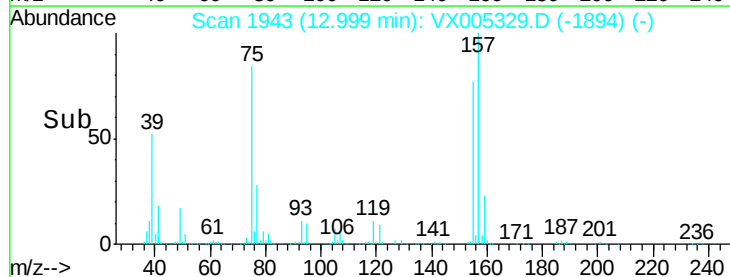
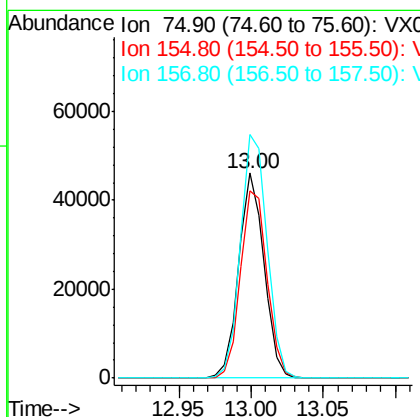
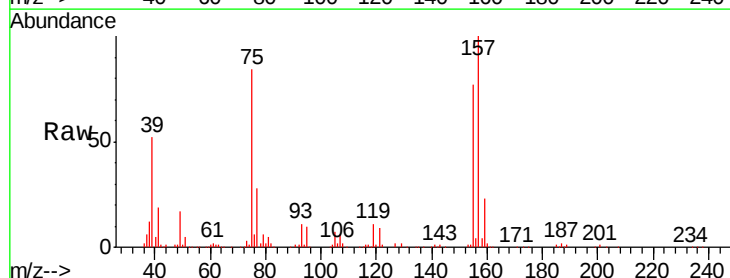
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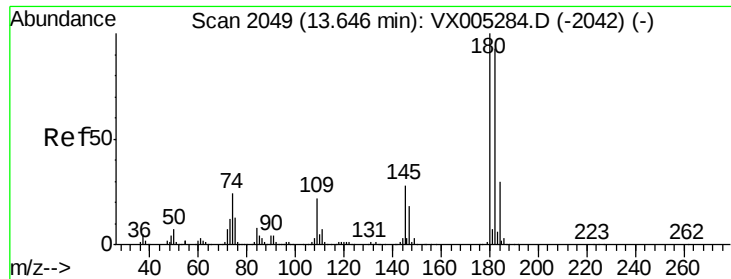
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.91 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005329.D
 Acq: 15 Oct 2018 08:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.5	48.0	144.2
157	124.3	61.4	184.1





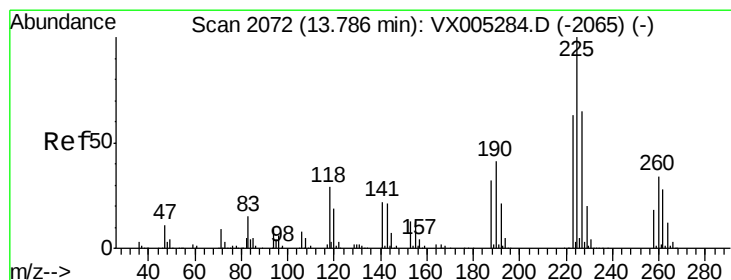
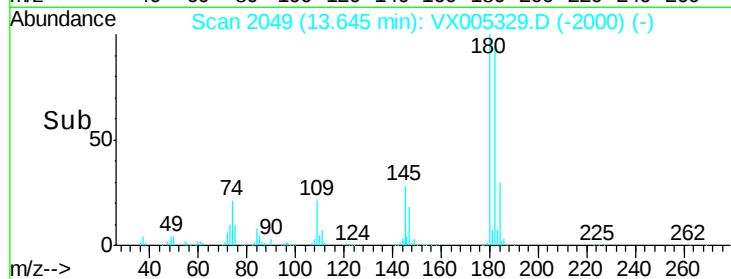
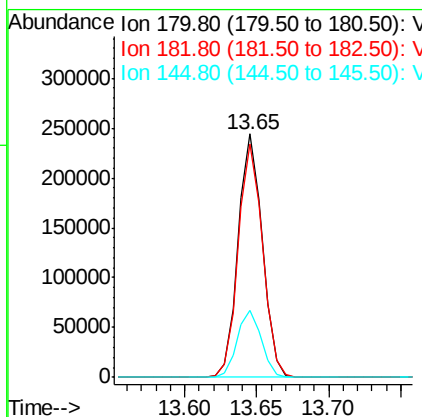
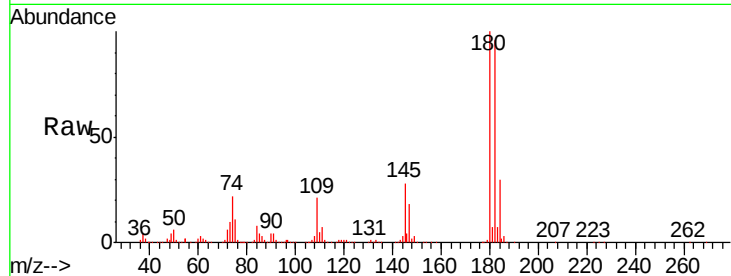
#93
1,2,4-Trichlorobenzene
Concen: 53.52 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	286085		
182	96.4	48.4	145.0	
145	27.8	14.3	42.9	

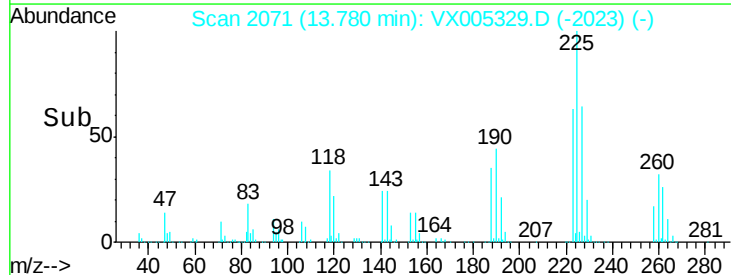
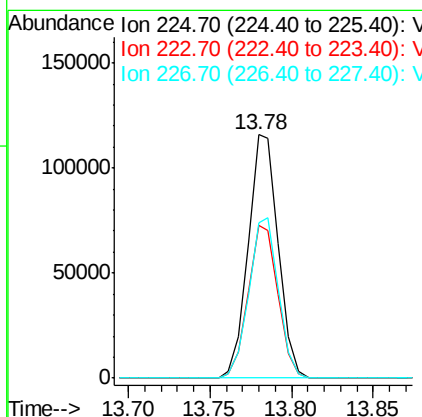
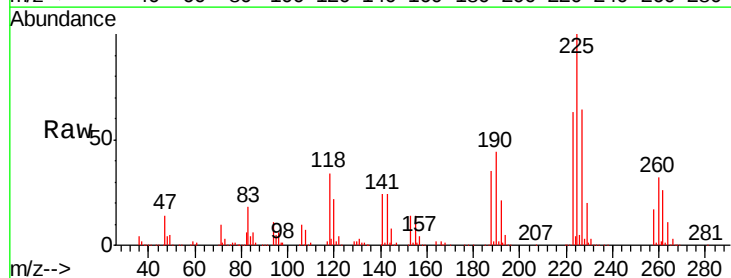
Manual Integrations
APPROVED

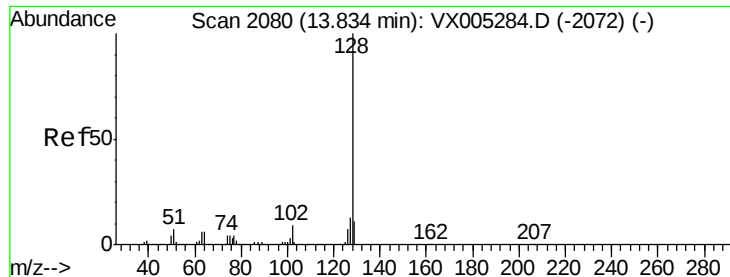
MMDadoda
10/16/2018 2:23:28 PM



#94
Hexachlorobutadiene
Concen: 52.61 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX005329.D
Acq: 15 Oct 2018 08:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	148527		
223	62.2	30.1	90.5	
227	64.8	30.8	92.4	





#95

Naphthalene

Concen: 52.91 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Instrument :

MSVOA_X

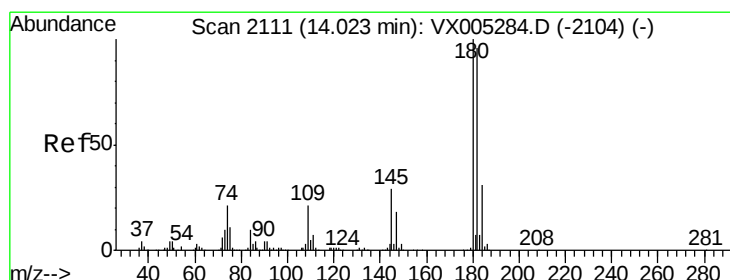
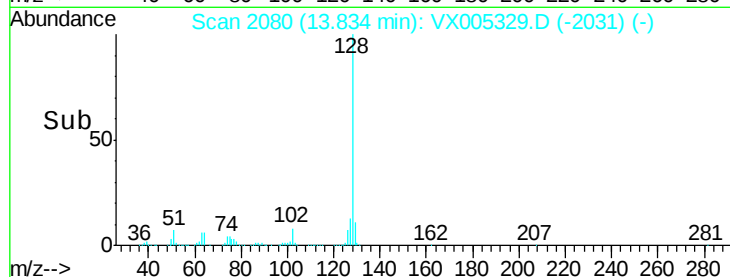
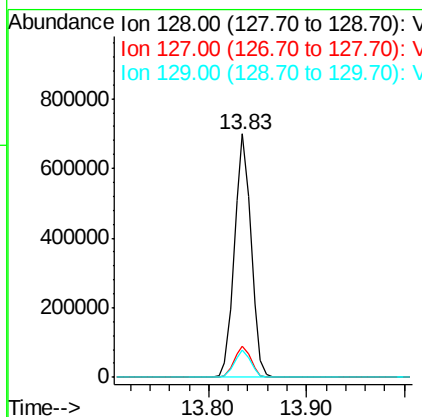
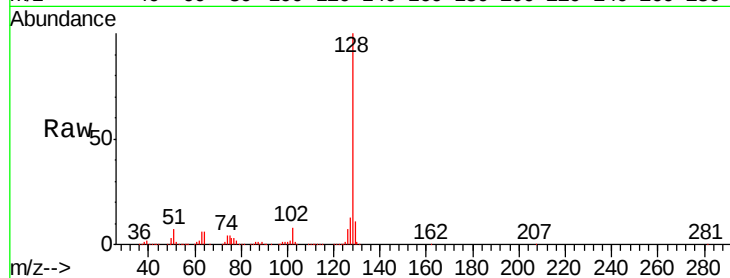
ClientSampleId :

VSTDCCC050

Tgt Ion:	128	Resp:	820233
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/16/2018 2:23:28 PM



#96

1,2,3-Trichlorobenzene

Concen: 51.87 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005329.D

Acq: 15 Oct 2018 08:15

Tgt Ion:	180	Resp:	283715
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.5	145.6
145	29.5	14.9	44.9

