

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003279.D
 Acq On : 10 Jul 2018 12:43
 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
 7/11/2018 3:09:24 PM

Quant Time: Jul 10 16:32:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315889	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215122	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	183805	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
35) Dibromofluoromethane	5.50	113	156792	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	
50) Toluene-d8	8.72	98	577823	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	11.14	95	218161	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	209678	53.77	ug/l	97
3) Chloromethane	1.32	50	172804	48.74	ug/l	98
4) Vinyl Chloride	1.40	62	186077	51.13	ug/l	99
5) Bromomethane	1.64	94	51034	47.99	ug/l	91
6) Chloroethane	1.71	64	106121	52.63	ug/l	99
7) Trichlorofluoromethane	1.92	101	284894	52.67	ug/l	97
8) Diethyl Ether	2.19	74	100677	51.48	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	164879	52.06	ug/l	96
10) Methyl Iodide	2.51	142	145278	42.50	ug/l	97
11) Tert butyl alcohol	3.09	59	192166	262.57	ug/l	98
12) 1,1-Dichloroethene	2.37	96	145978	50.64	ug/l	92
13) Acrolein	2.29	56	127853	216.79	ug/l	100
14) Allyl chloride	2.73	41	279917	52.43	ug/l	94
15) Acrylonitrile	3.15	53	414092	253.39	ug/l	99
16) Acetone	2.45	43	371563	259.26	ug/l	96
17) Carbon Disulfide	2.57	76	397774	49.66	ug/l	99
18) Methyl Acetate	2.78	43	228334	56.47	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	486821	50.56	ug/l	100
20) Methylene Chloride	2.85	84	158479	54.02	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	154690	50.34	ug/l	96
22) Diisopropyl ether	3.88	45	483705	44.53	ug/l	97
23) Vinyl Acetate	3.83	43	2126855	230.62	ug/l	98
24) 1,1-Dichloroethane	3.70	63	275991	48.82	ug/l	100
25) 2-Butanone	4.71	43	651623	256.95	ug/l	95
26) 2,2-Dichloropropane	4.58	77	258543	52.28	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	192410	50.95	ug/l	94
28) Bromochloromethane	5.02	49	133882	47.00	ug/l	89
29) Tetrahydrofuran	5.17	42	412431	250.57	ug/l	96
30) Chloroform	5.21	83	312146	50.19	ug/l	94
31) Cyclohexane	5.57	56	272015	51.38	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	278011	50.67	ug/l	98
36) 1,1-Dichloropropene	5.80	75	233423	52.20	ug/l	98
37) Ethyl Acetate	4.87	43	251555	51.31	ug/l	98
38) Carbon Tetrachloride	5.78	117	254766	52.08	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	283185	53.75	ug/l	95
40) Benzene	6.14	78	685331	51.72	ug/l	98
41) Methacrylonitrile	5.07	41	140837	52.48	ug/l	97
42) 1,2-Dichloroethane	6.20	62	248269	50.14	ug/l	98
43) Isopropyl Acetate	6.47	43	399299	51.87	ug/l	97
44) Trichloroethene	7.21	130	206827	52.78	ug/l	98
45) 1,2-Dichloropropane	7.52	63	174942	50.78	ug/l	98
46) Dibromomethane	7.67	93	119295	50.80	ug/l	94
47) Bromodichloromethane	7.90	83	229654	53.00	ug/l	98
48) Methyl methacrylate	7.78	41	208499	52.81	ug/l	93
49) 1,4-Dioxane	7.76	88	87118	1055.30	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1303907	272.07	ug/l	97
52) Toluene	8.79	92	442580	52.83	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	275702	54.07	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	255476	55.06	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	178350	51.32	ug/l	97
56) Ethyl methacrylate	9.18	69	259285	54.47	ug/l	92
57) 1,3-Dichloropropane	9.38	76	291581	52.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	673394	293.28	ug/l	96
59) 2-Hexanone	9.50	43	1013972	278.55	ug/l	95
60) Dibromochloromethane	9.59	129	195153	53.78	ug/l	99
61) 1,2-Dibromoethane	9.68	107	191422	52.56	ug/l	100
64) Tetrachloroethene	9.34	164	241338	54.64	ug/l	98
65) Chlorobenzene	10.14	112	510833	51.46	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	189962	53.04	ug/l	100
67) Ethyl Benzene	10.26	91	863246	53.77	ug/l	99
68) m/p-Xylenes	10.36	106	681243	109.08	ug/l	97
69) o-Xylene	10.70	106	326085	53.89	ug/l	97
70) Styrene	10.71	104	541196	55.16	ug/l	98
71) Bromoform	10.86	173	156765	53.19	ug/l	100
73) Isopropylbenzene	11.02	105	897006	52.81	ug/l	100
74) N-amyl acetate	6.47	43	399299	49.28	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	258542	49.08	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	232259m	49.96	ug/l	
77) Bromobenzene	11.26	156	251651	51.32	ug/l	95
78) n-propylbenzene	11.37	91	1025847	54.32	ug/l	98
79) 2-Chlorotoluene	11.43	91	600373	52.19	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	758417	53.63	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	75167	52.84	ug/l	94
82) 4-Chlorotoluene	11.51	91	709103	52.79	ug/l	98
83) tert-Butylbenzene	11.77	119	740816	52.44	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	777927	53.71	ug/l	98
85) sec-Butylbenzene	11.95	105	907302	54.34	ug/l	99
86) p-Isopropyltoluene	12.07	119	829121	54.50	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	462393	51.40	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	468343	51.43	ug/l	98
89) n-Butylbenzene	12.39	91	708366	55.73	ug/l	99
90) Hexachloroethane	12.60	117	116271	50.06	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	456678	50.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59202	52.38	ug/l	90

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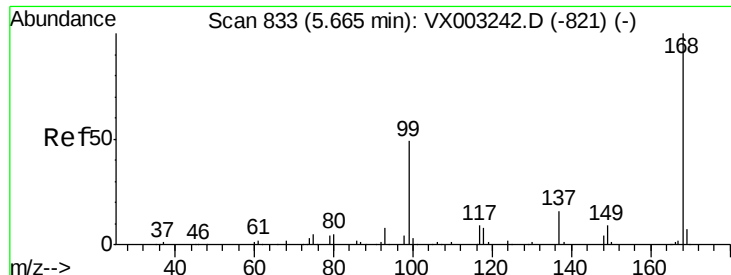
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	355183	54.03	ug/l	99
94) Hexachlorobutadiene	13.79	225	185066	56.55	ug/l	100
95) Naphthalene	13.84	128	958571	55.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	357053	54.46	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 256508

Ion Ratio Lower Upper

168 100

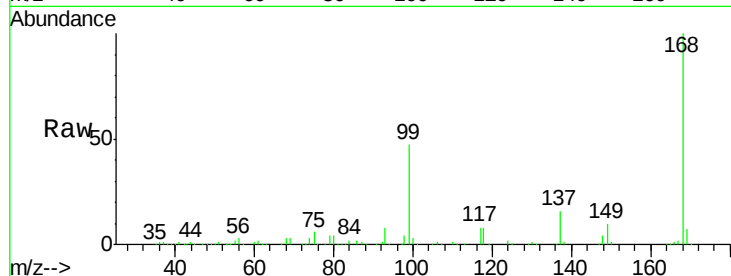
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Manual Integrations

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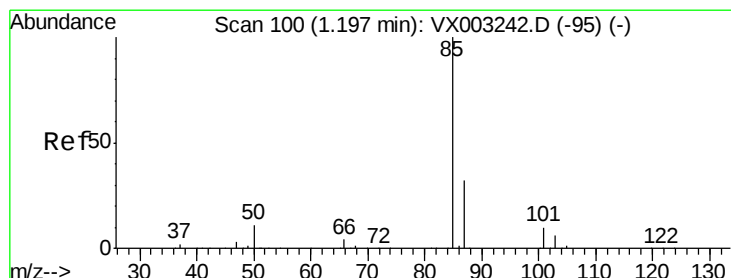
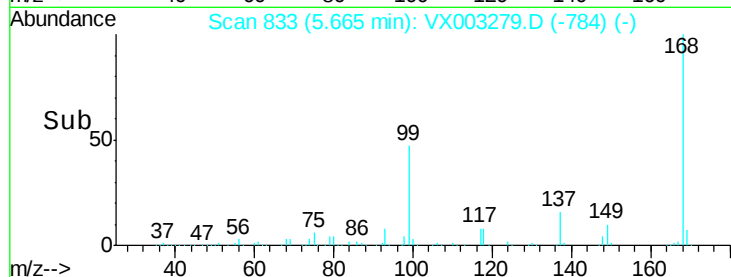
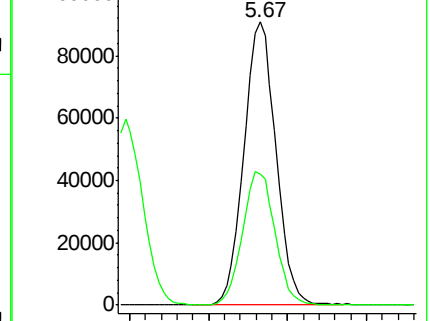
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.77 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003279.D

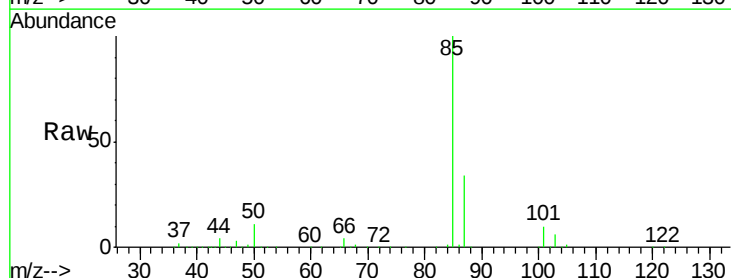
Acq: 10 Jul 2018 12:43

Tgt Ion: 85 Resp: 209678

Ion Ratio Lower Upper

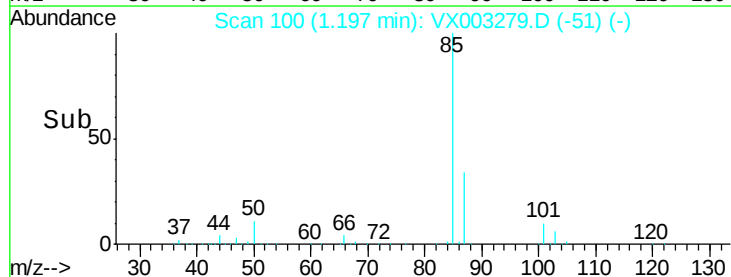
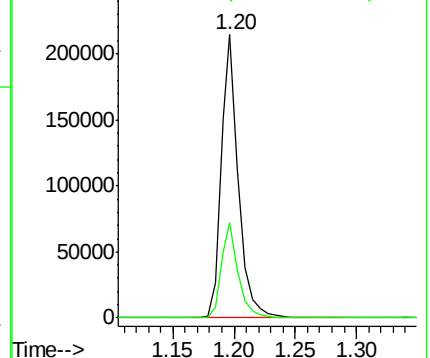
85 100

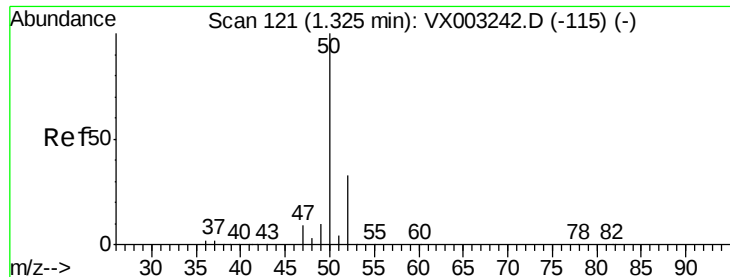
87 33.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.74 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 172804

Ion Ratio Lower Upper

50 100

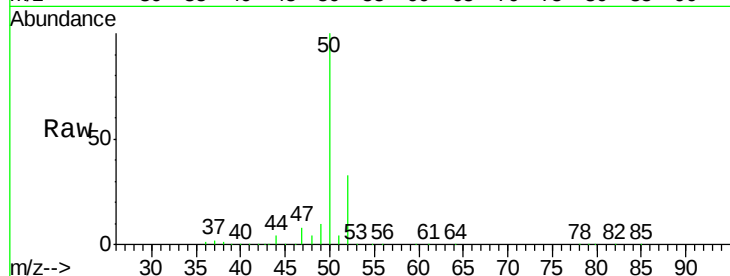
52 33.0 25.7 38.5

Manual Integrations

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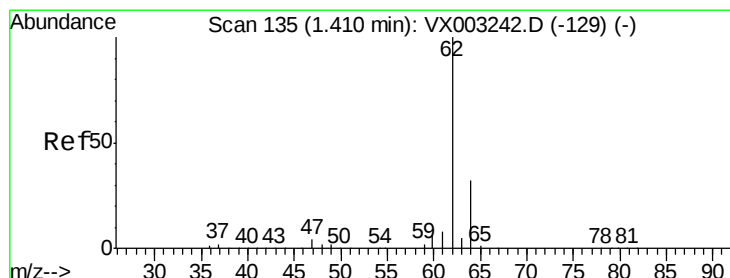
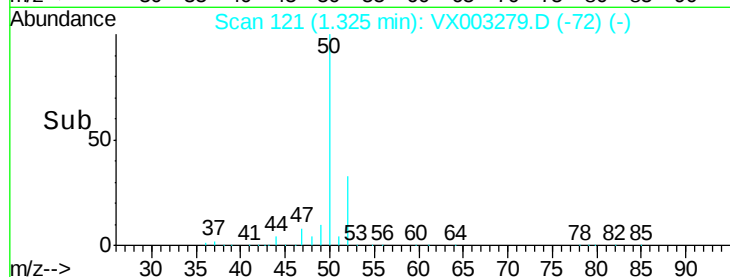
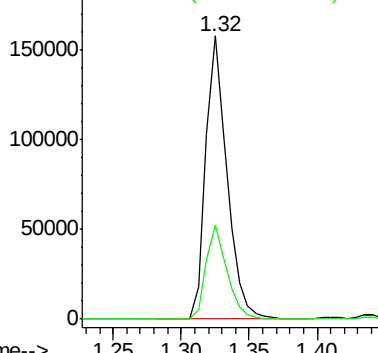
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.13 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003279.D

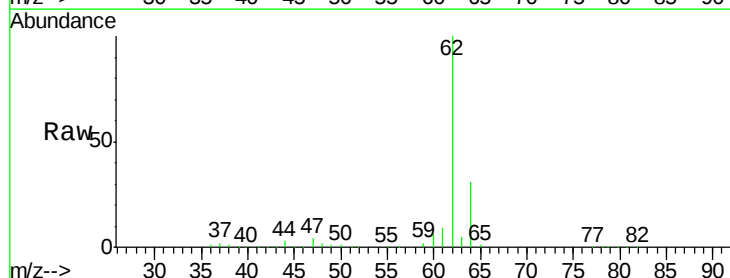
Acq: 10 Jul 2018 12:43

Tgt Ion: 62 Resp: 186077

Ion Ratio Lower Upper

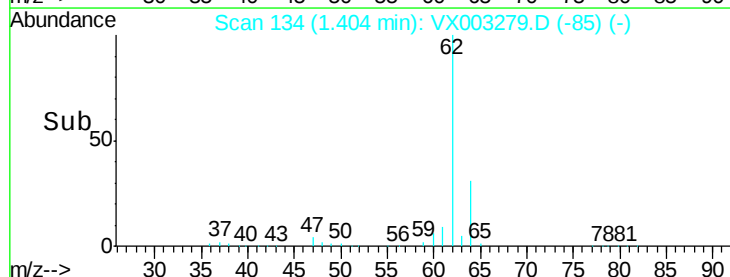
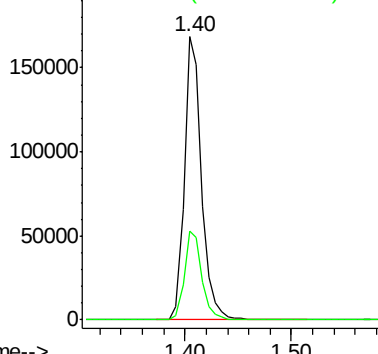
62 100

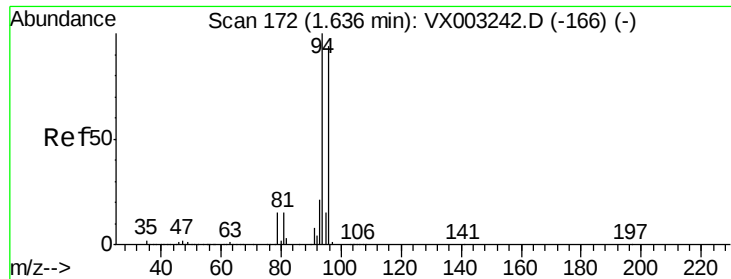
64 31.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.99 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 51034

Ion Ratio Lower Upper

94 100

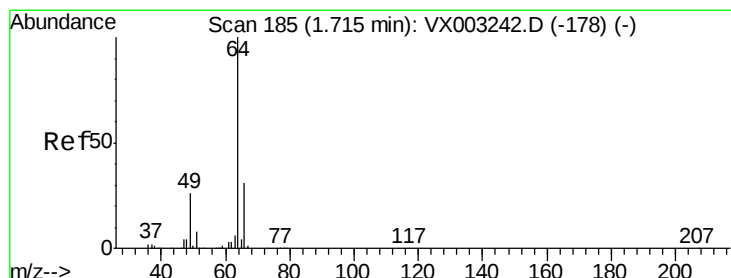
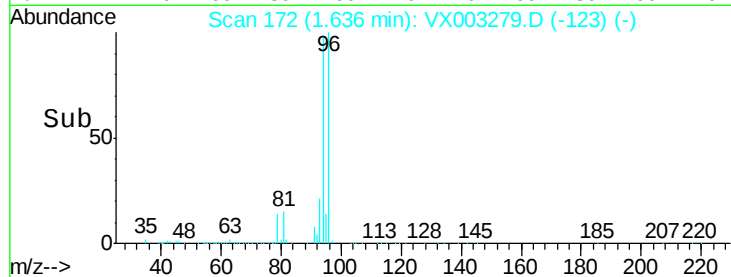
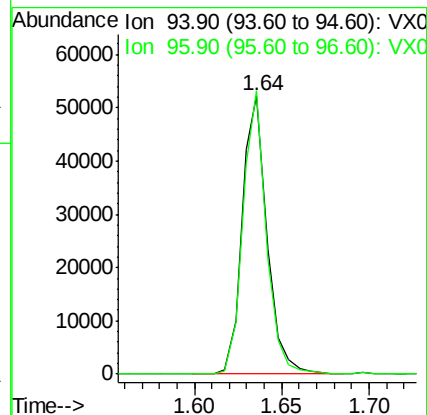
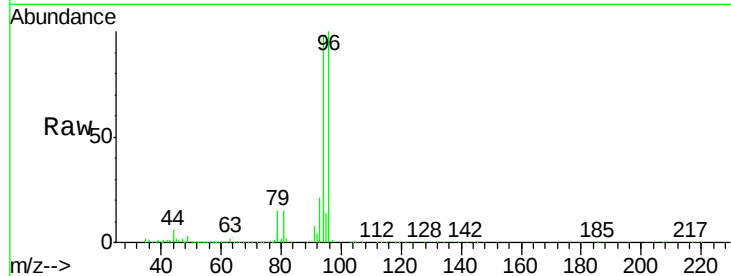
96 101.8 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 52.63 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.01 min

Lab File: VX003279.D

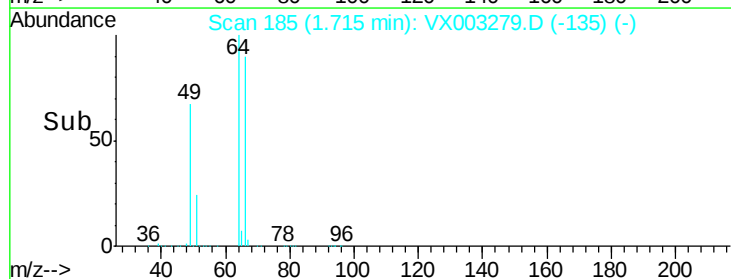
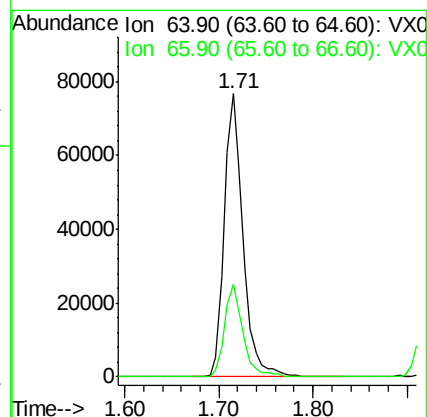
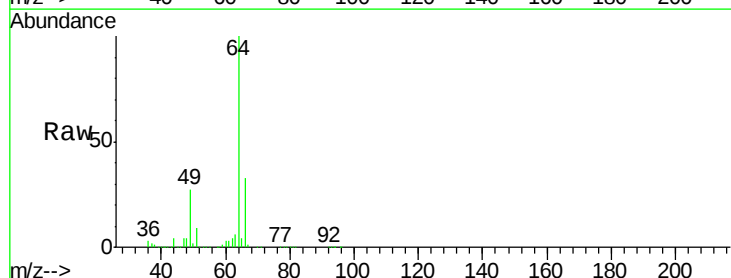
Acq: 10 Jul 2018 12:43

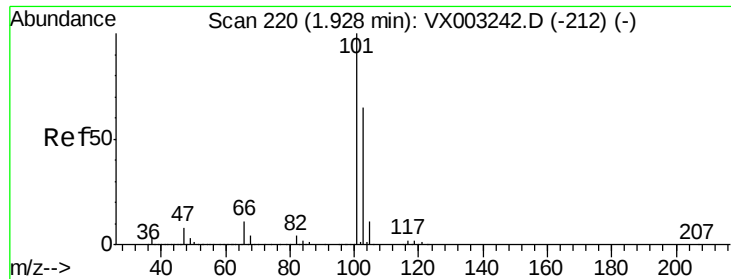
Tgt Ion: 64 Resp: 106121

Ion Ratio Lower Upper

64 100

66 32.7 25.5 38.3





#7

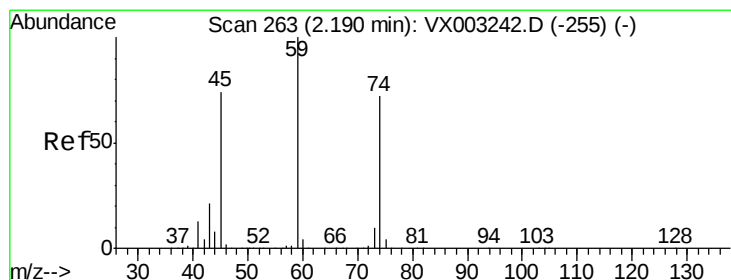
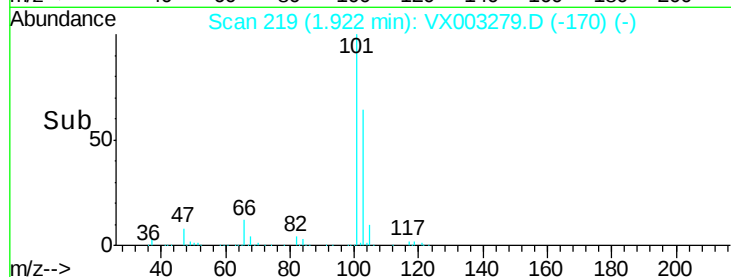
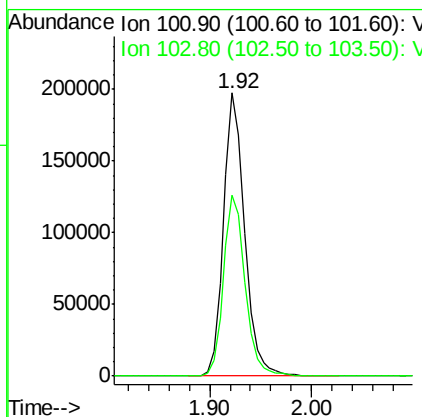
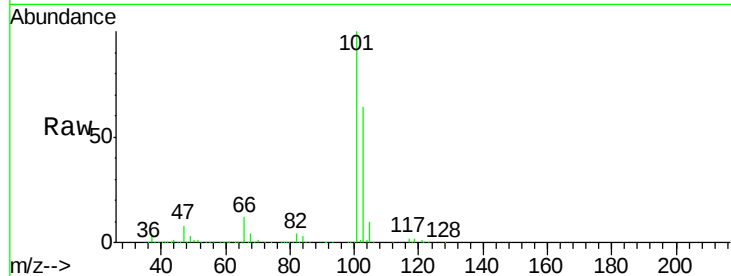
Trichlorofluoromethane
 Concen: 52.67 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.8	79.2

Manual Integrations
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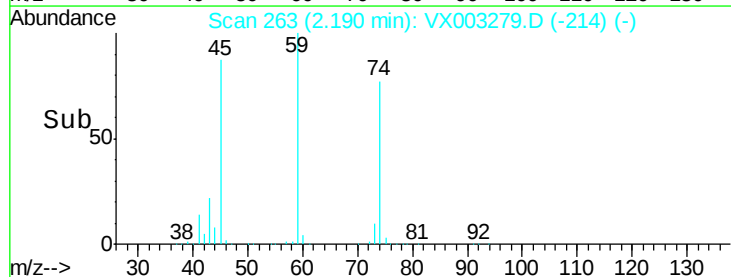
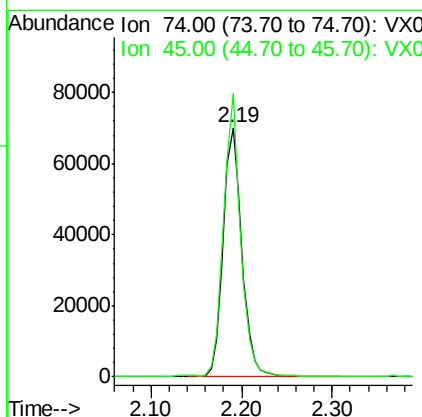
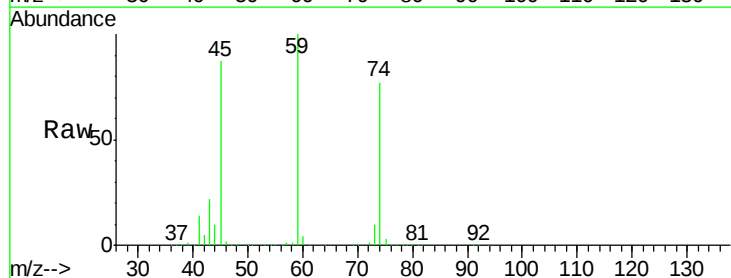
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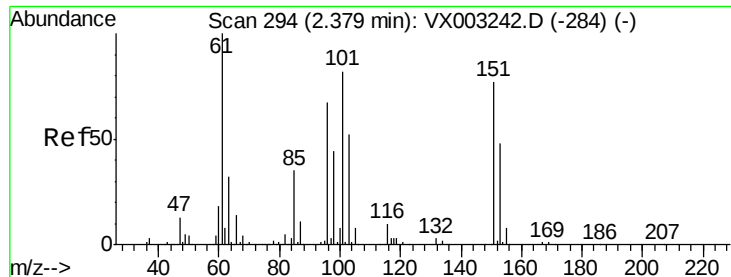


#8

Diethyl Ether
 Concen: 51.48 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.3	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.06 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

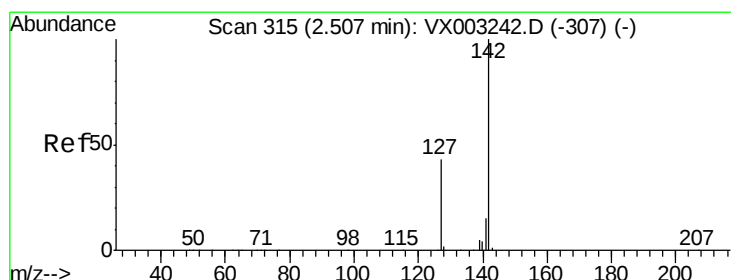
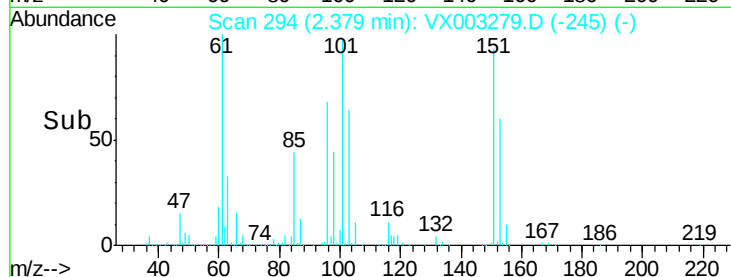
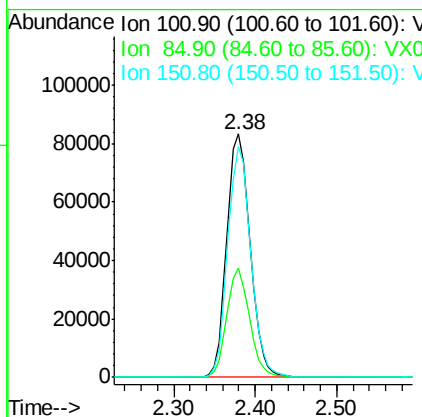
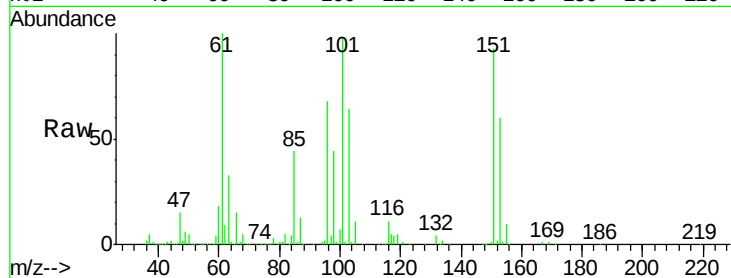
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	164879
Ion Ratio	Lower	Upper	
101	100		
85	43.6	36.0	54.0
151	93.6	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 42.50 ug/l

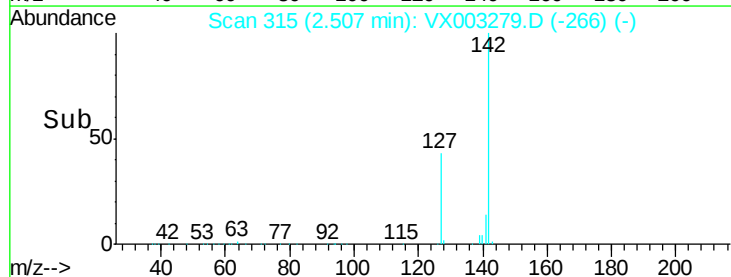
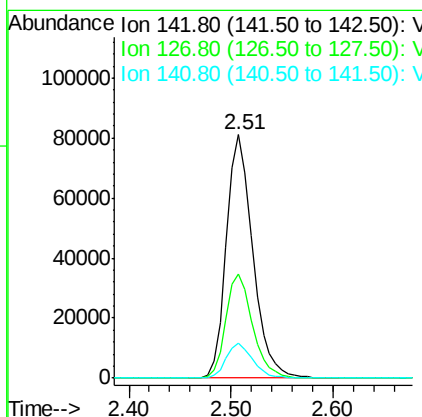
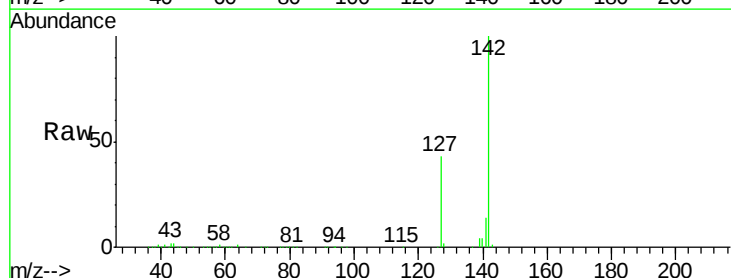
RT: 2.51 min Scan# 315

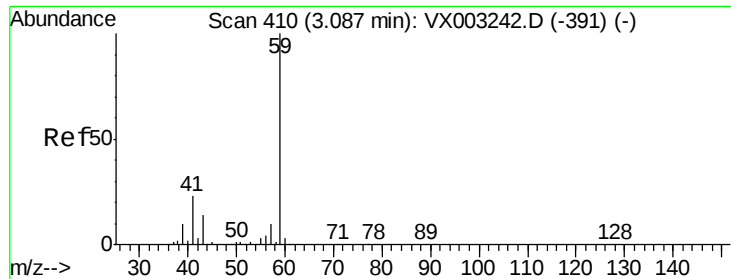
Delta R.T. 0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Tgt Ion:	142	Resp:	145278
Ion Ratio	Lower	Upper	
142	100		
127	43.3	36.6	55.0
141	14.4	11.3	16.9





#11

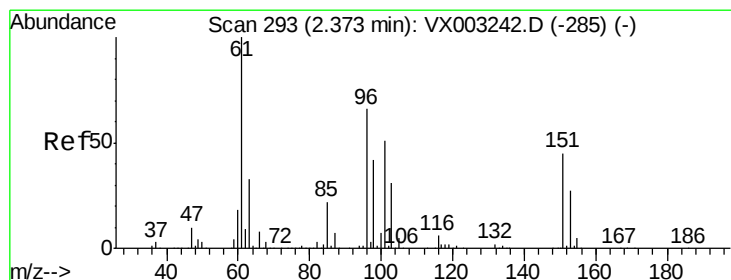
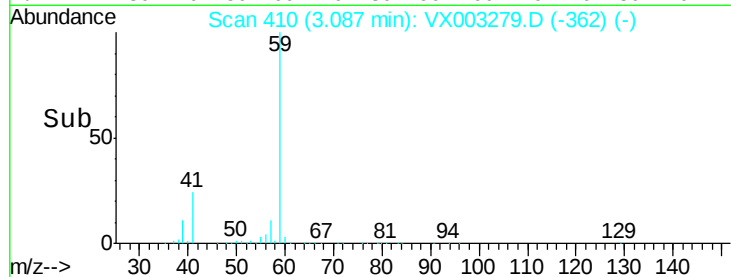
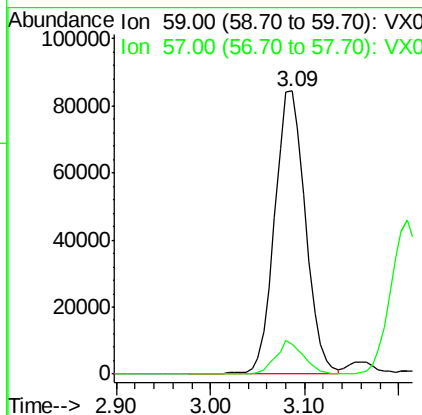
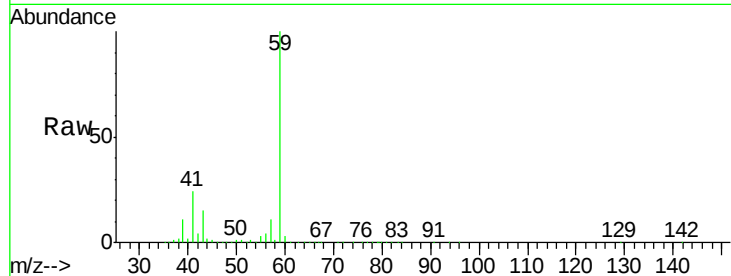
Tert butyl alcohol
Concen: 262.57 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.01 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.2

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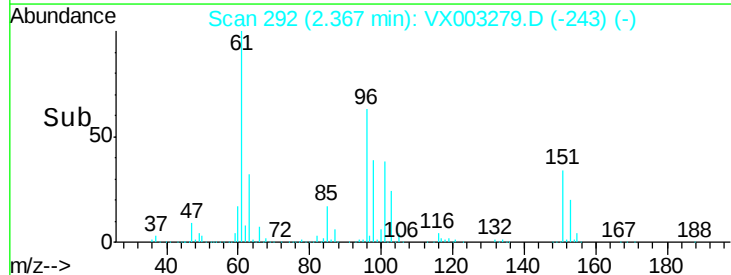
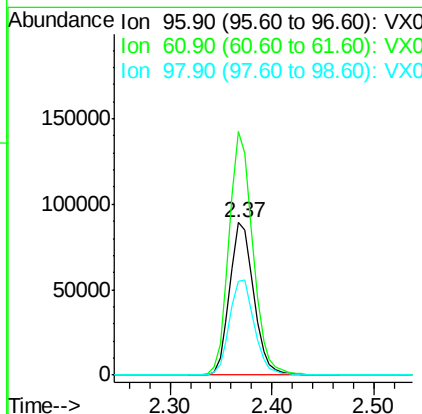
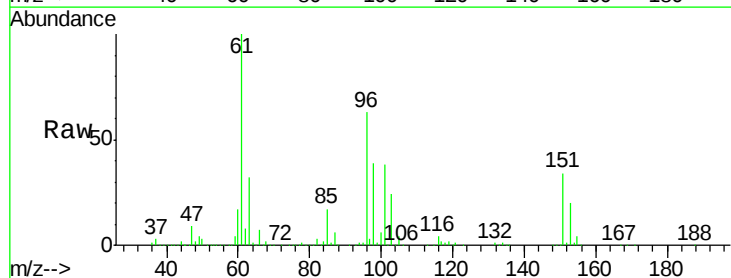
MMDadoda
7/11/2018 3:09:24 PM

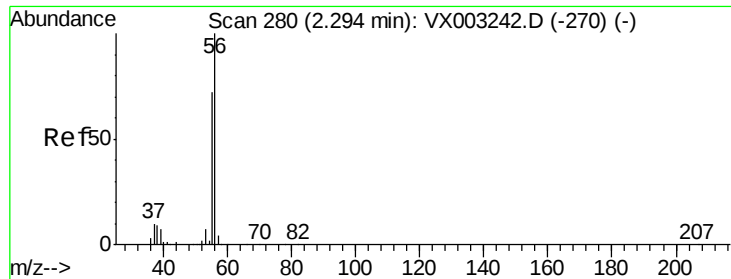


#12

1,1-Dichloroethene
Concen: 50.64 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.8	137.9	206.9
98	61.6	51.6	77.4





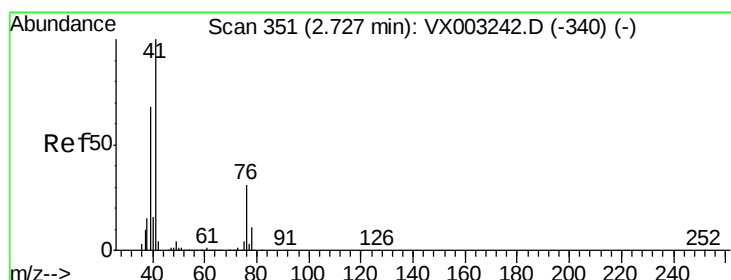
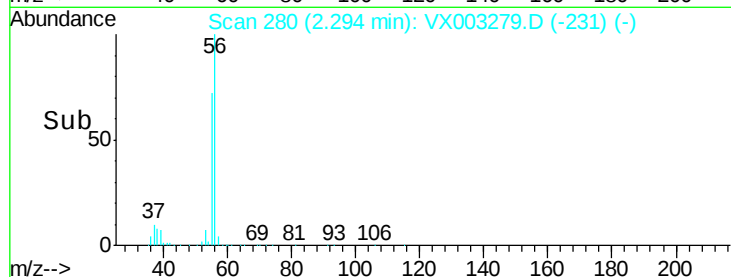
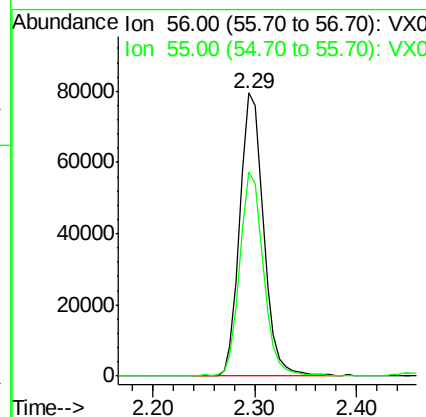
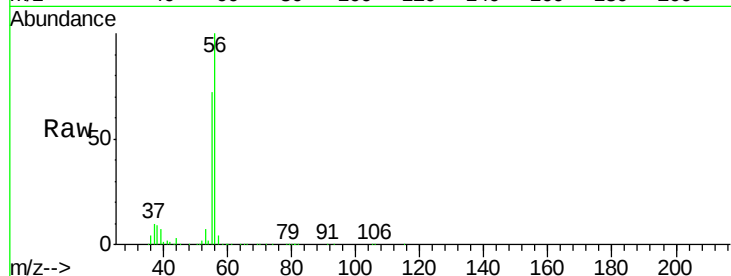
#13
Acrolein
Concen: 216.79 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.4	57.0	85.4

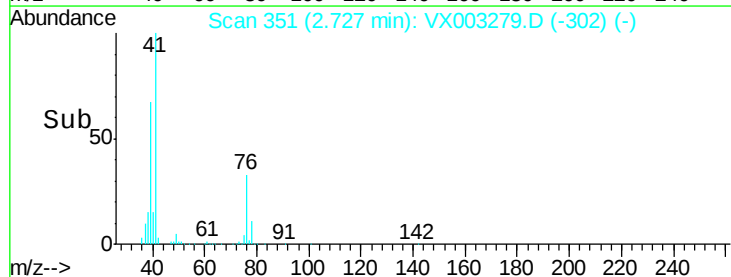
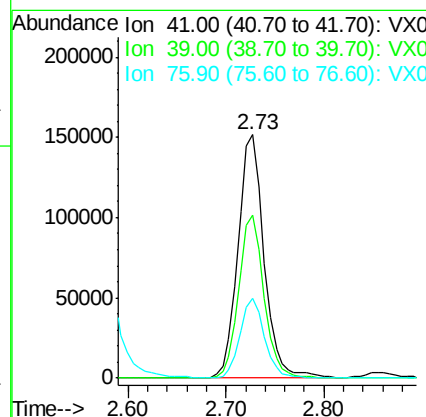
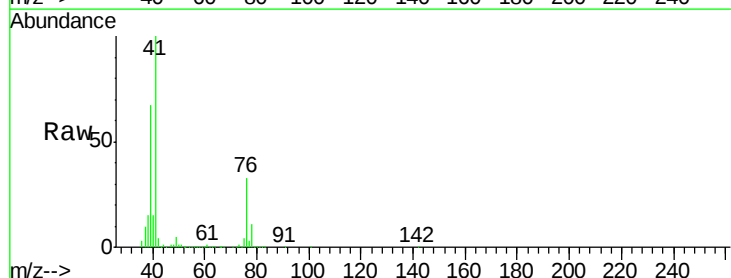
Manual Integrations
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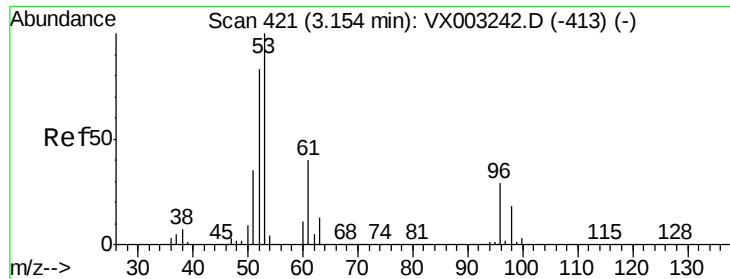
MMDadoda
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#14
Allyl chloride
Concen: 52.43 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.8	56.8	85.2
76	30.9	23.8	35.8





#15

Acrylonitrile

Concen: 253.39 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

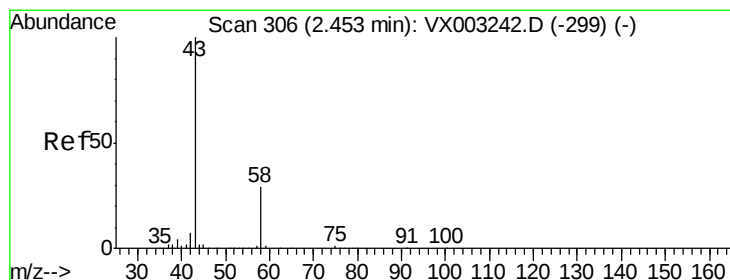
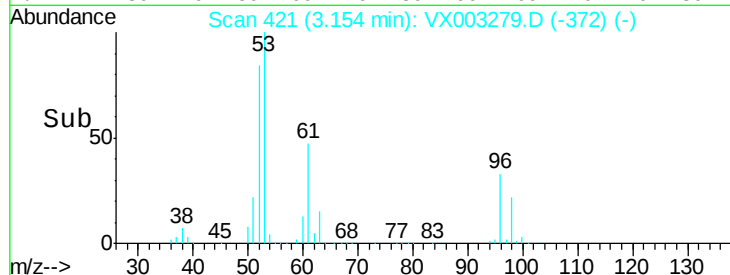
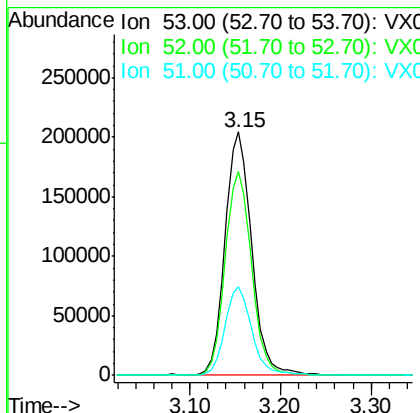
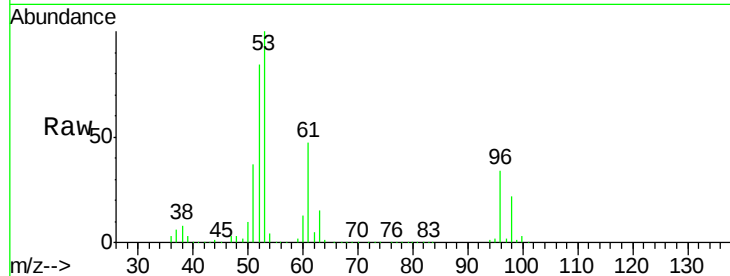
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	414092
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.7	100.1
51	36.8	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 259.26 ug/l

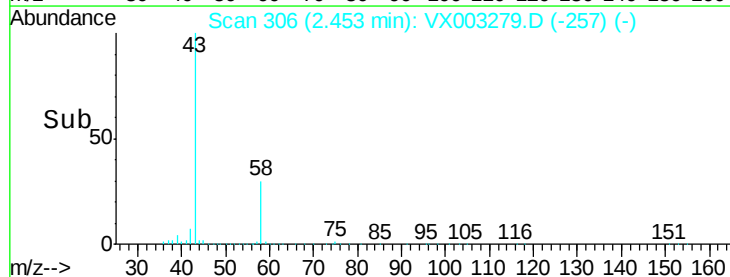
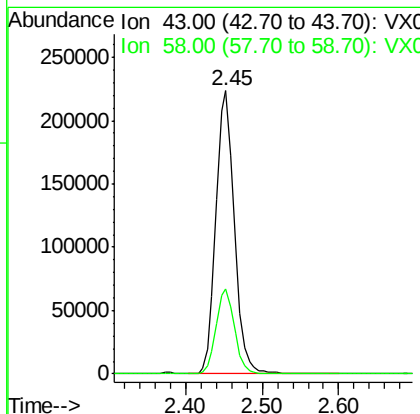
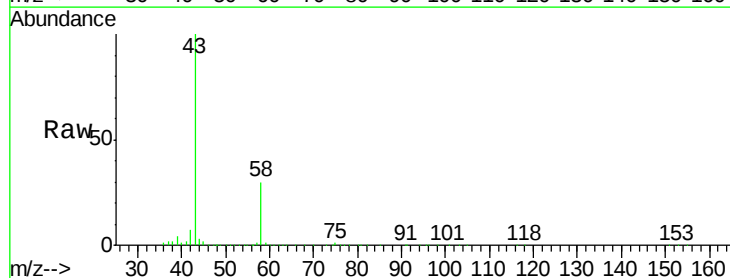
RT: 2.45 min Scan# 306

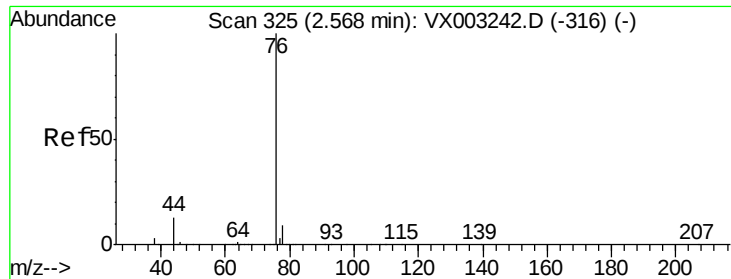
Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Tgt Ion:	43	Resp:	371563
Ion Ratio	Lower	Upper	
43	100		
58	29.9	22.1	33.1





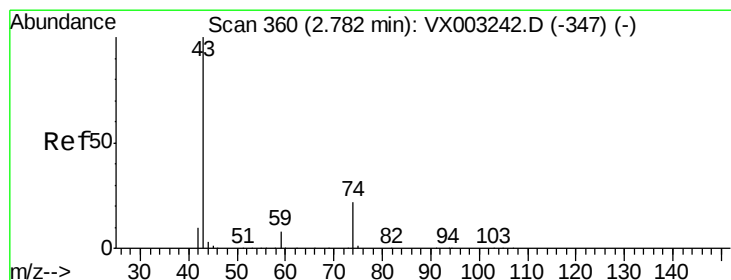
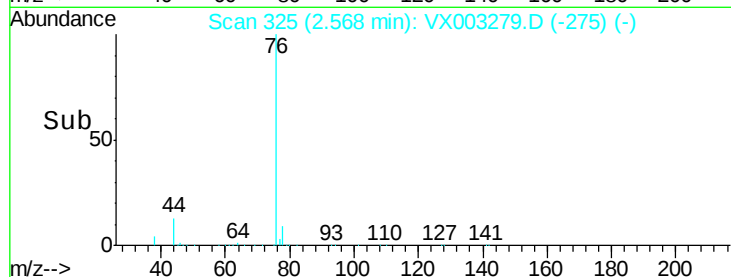
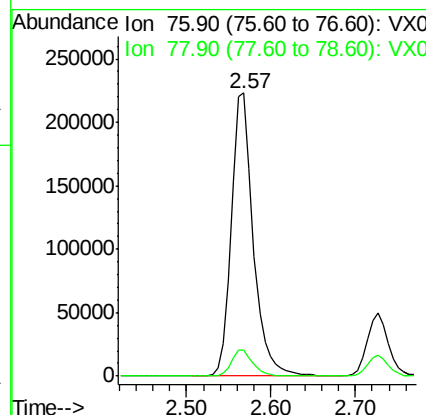
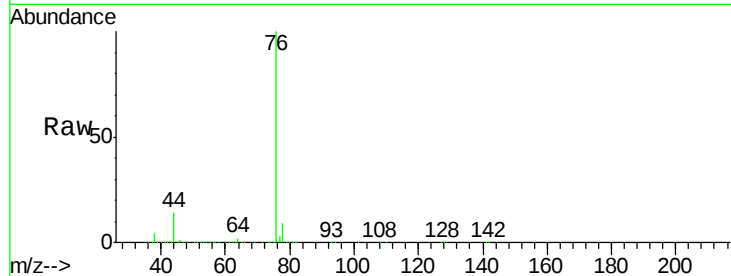
#17
Carbon Disulfide
Concen: 49.66 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3

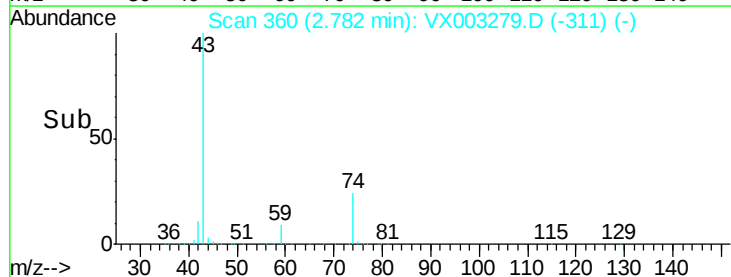
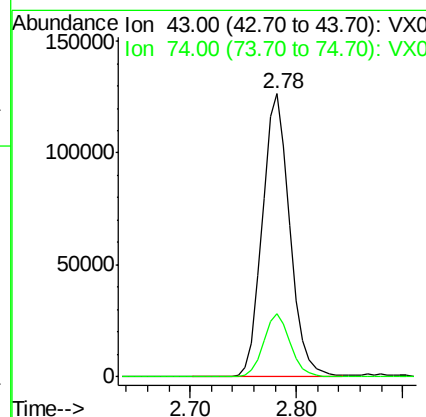
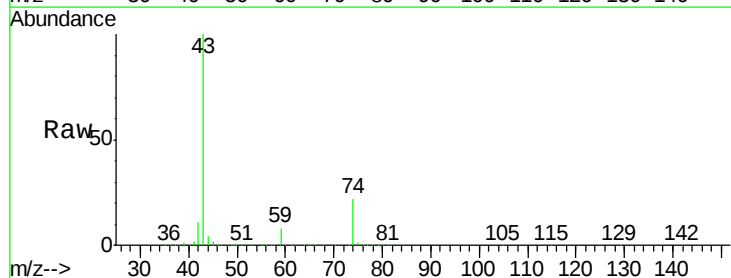
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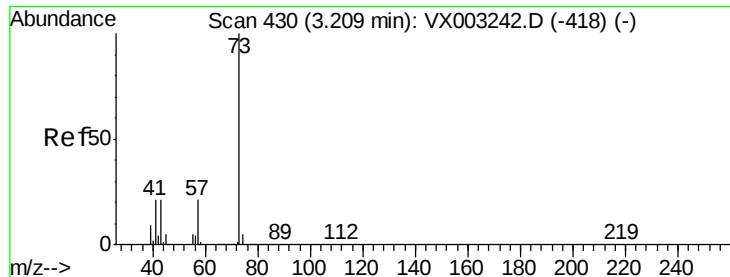
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#18
Methyl Acetate
Concen: 56.47 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	16.7	25.1





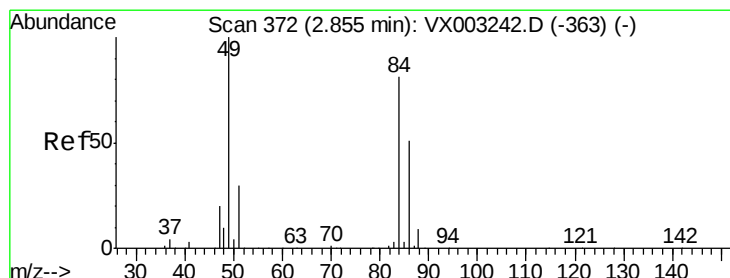
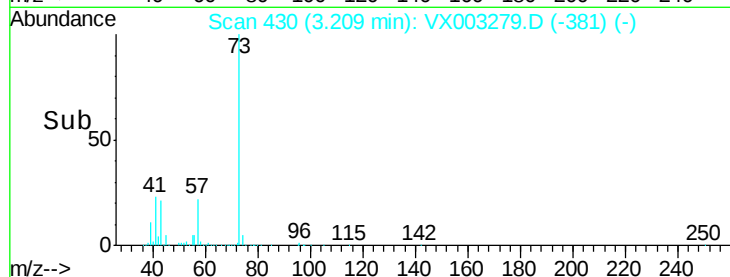
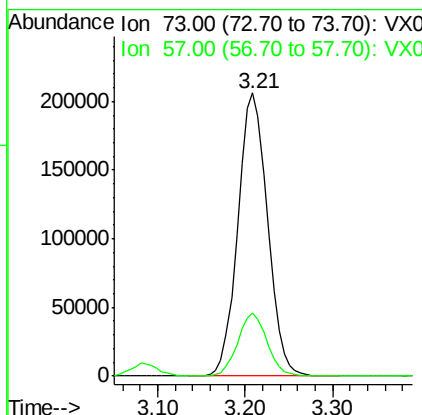
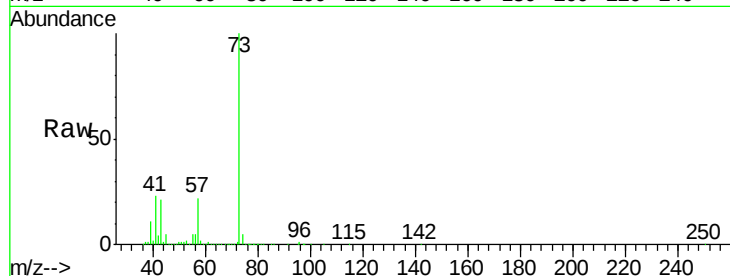
#19
Methyl tert-butyl Ether
Concen: 50.56 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 486821
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5

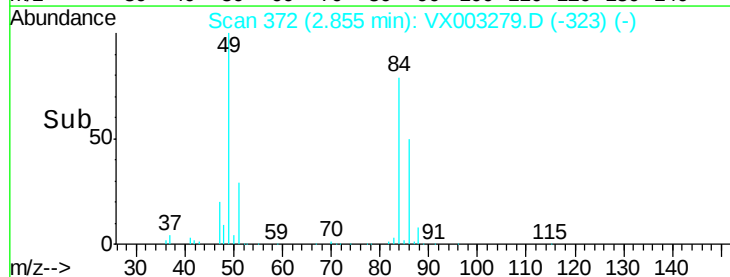
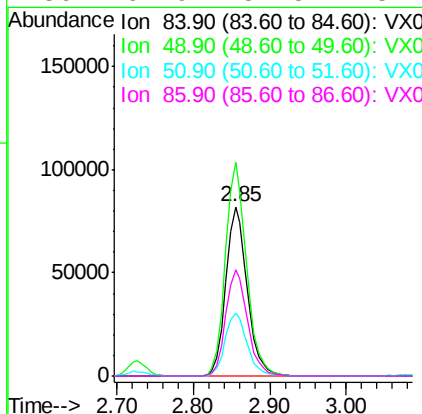
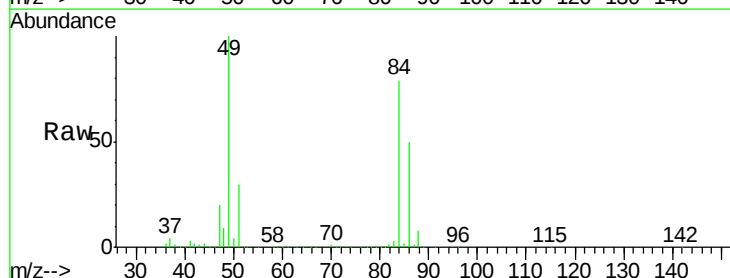
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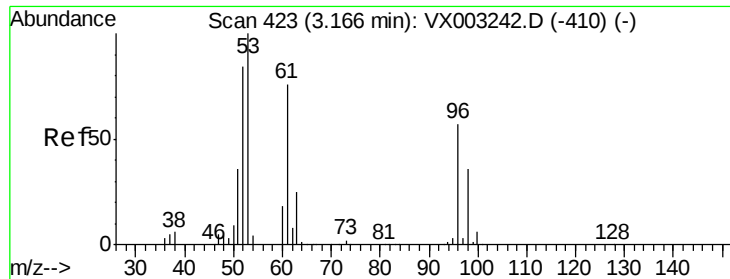
MMDadoda
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#20
Methylene Chloride
Concen: 54.02 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 84 Resp: 158479
Ion Ratio Lower Upper
84 100
49 126.0 107.8 161.6
51 37.2 32.8 49.2
86 62.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.34 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 154690

Ion Ratio Lower Upper

96 100

61 140.2 117.0 175.4

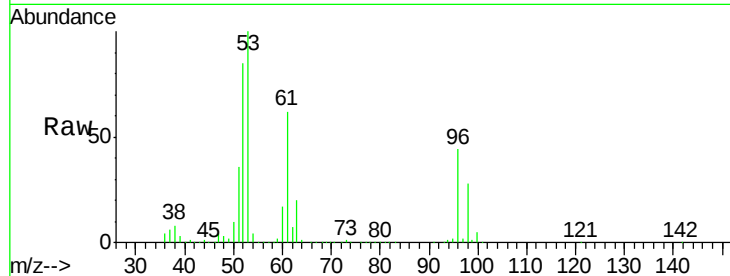
98 64.5 52.4 78.6

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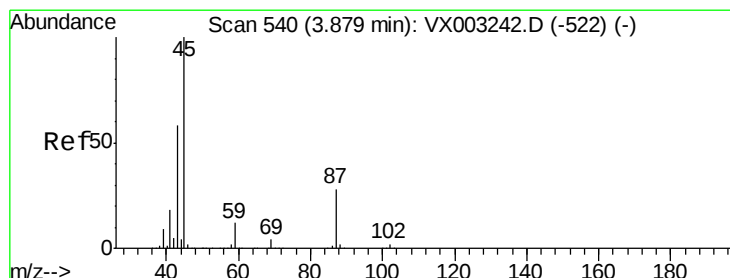
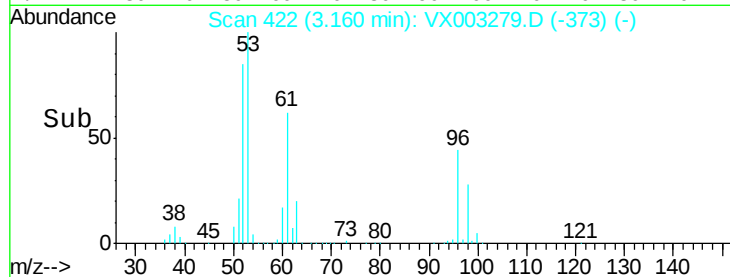
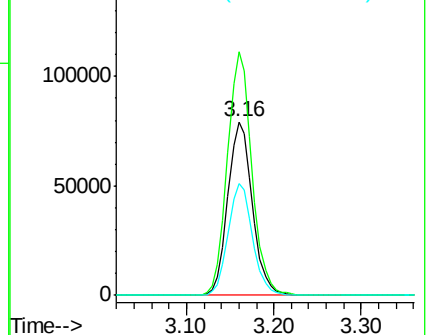
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 44.53 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Tgt Ion: 45 Resp: 483705

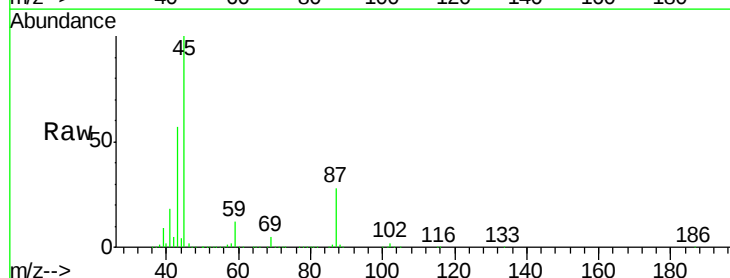
Ion Ratio Lower Upper

45 100

43 56.7 46.8 70.2

87 27.9 20.2 30.4

59 12.0 8.7 13.1

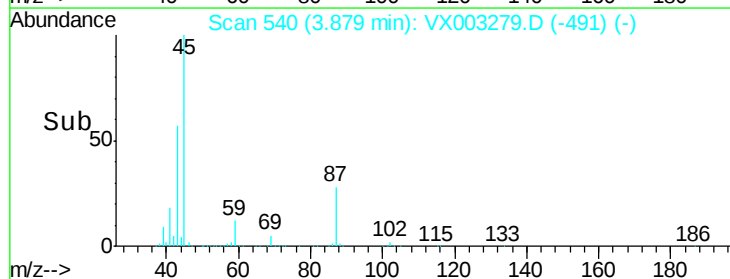
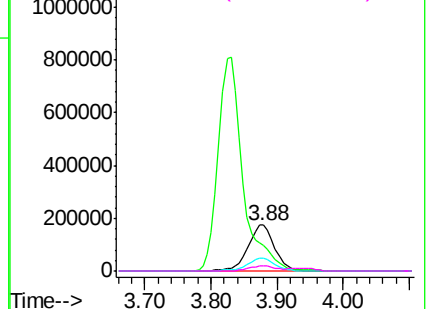


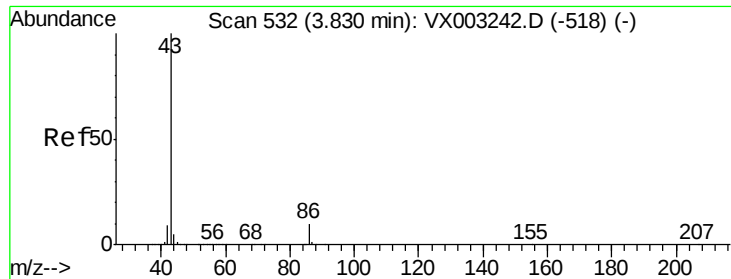
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





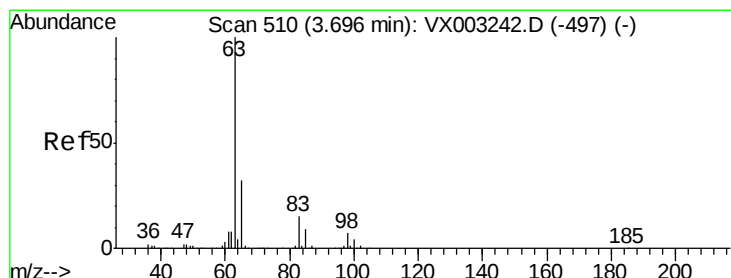
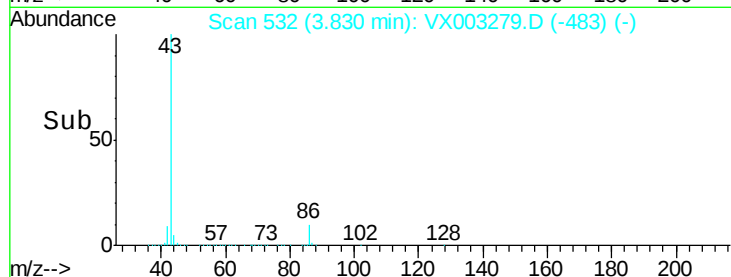
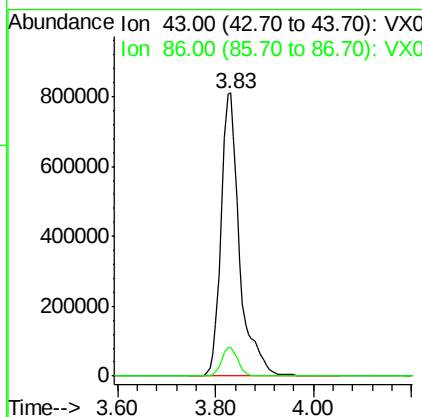
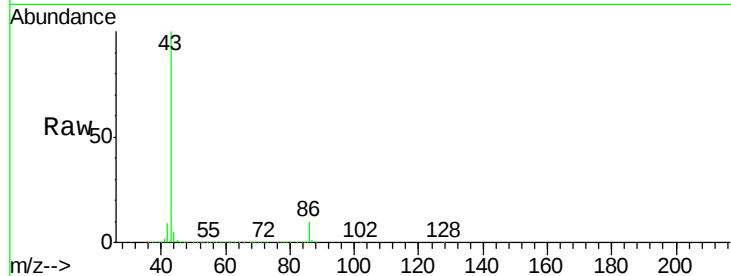
#23
 Vinyl Acetate
 Concen: 230.62 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2126855
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.4 11.0

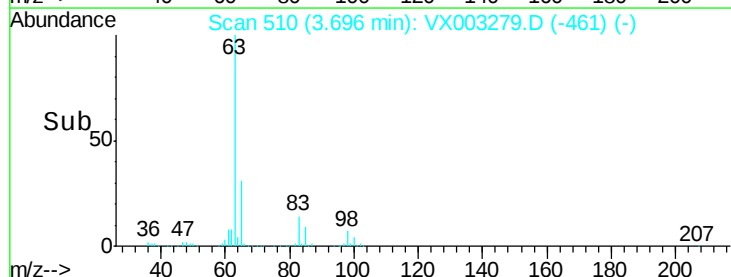
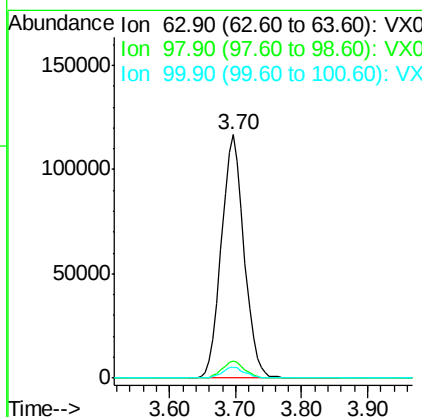
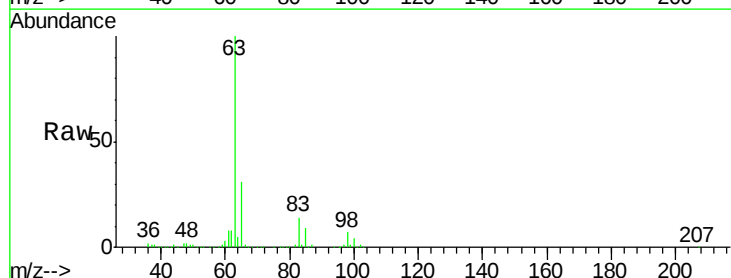
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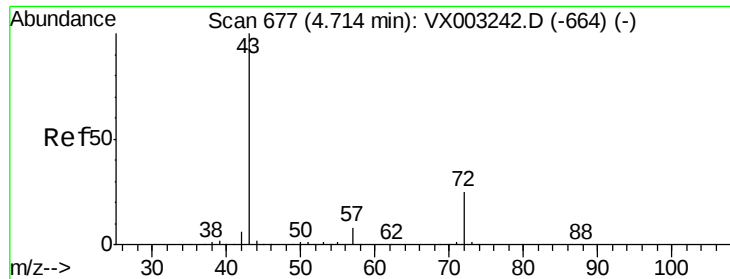
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 48.82 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Tgt Ion: 63 Resp: 275991
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 256.95 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 651623

Ion Ratio Lower Upper

43 100

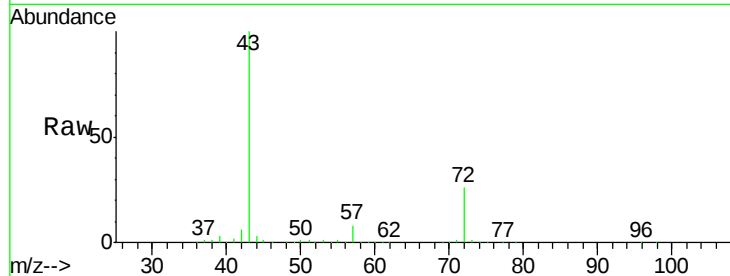
72 25.5 18.5 27.7

Manual Integrations

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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

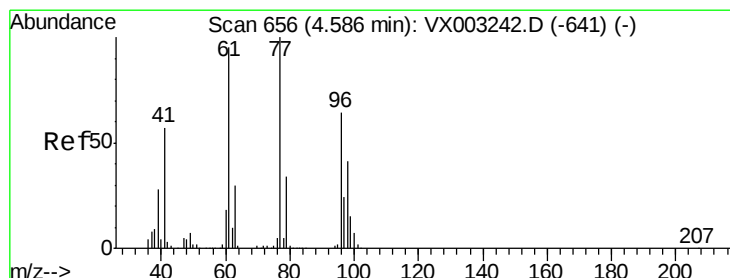
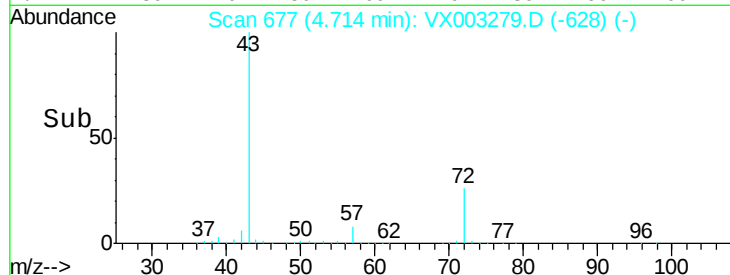
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 52.28 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003279.D

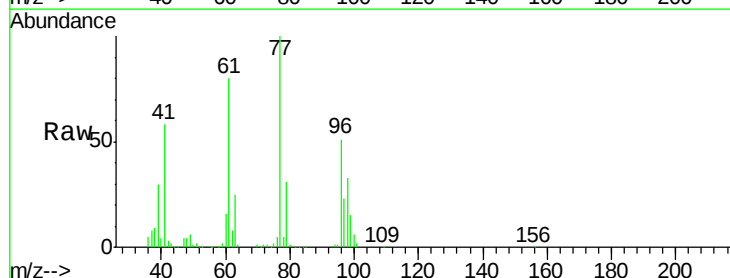
Acq: 10 Jul 2018 12:43

Tgt Ion: 77 Resp: 258543

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

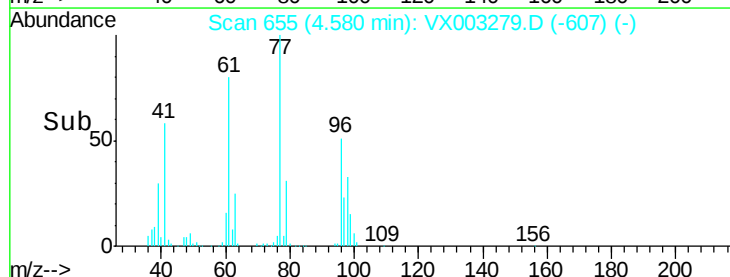
40000

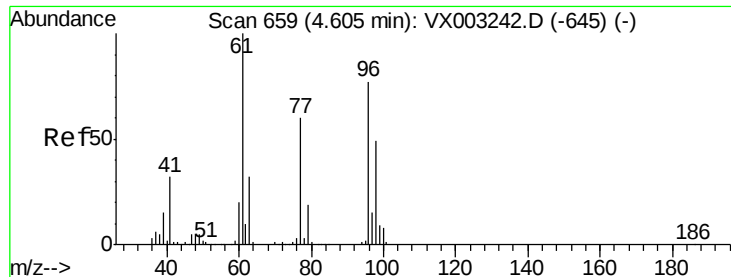
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

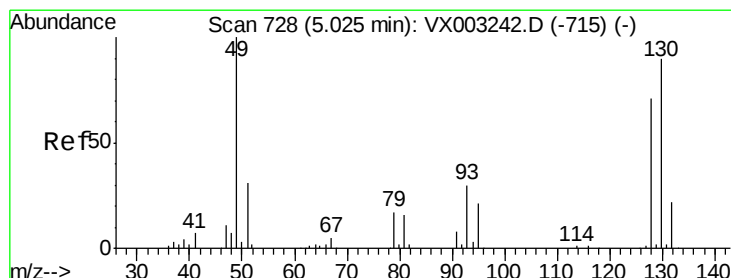
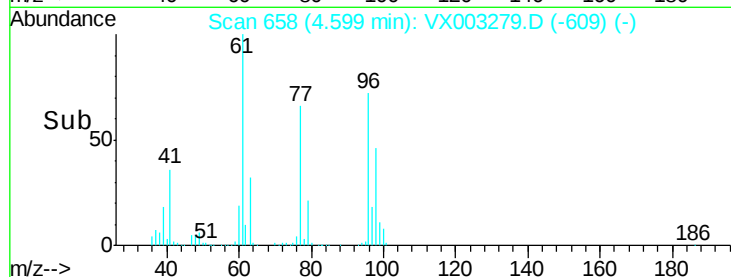
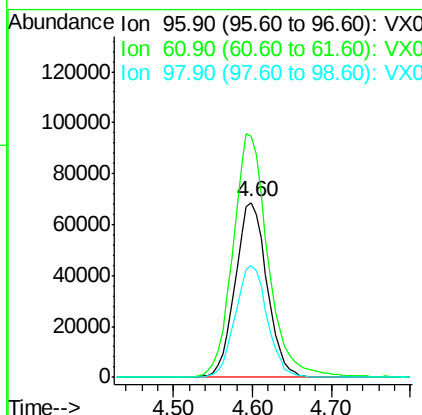
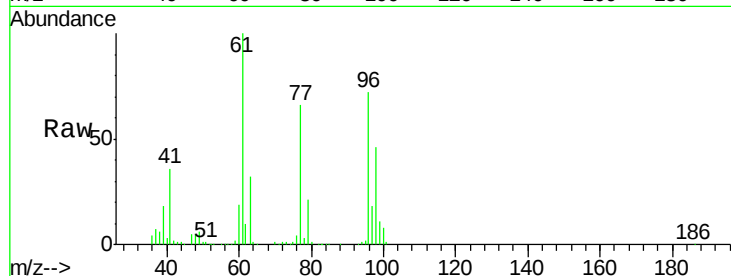
cis-1,2-Dichloroethene
 Concen: 50.95 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	192410		
61	154.2	0.0	330.2	
98	64.4	0.0	130.2	

Manual Integrations
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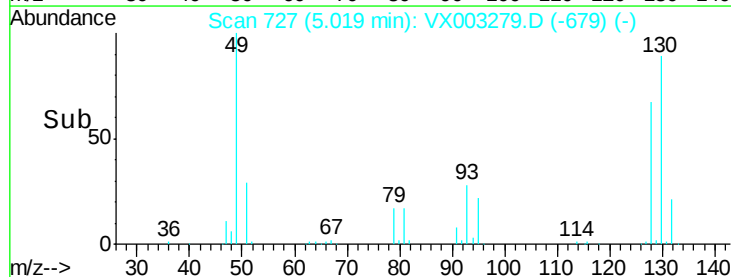
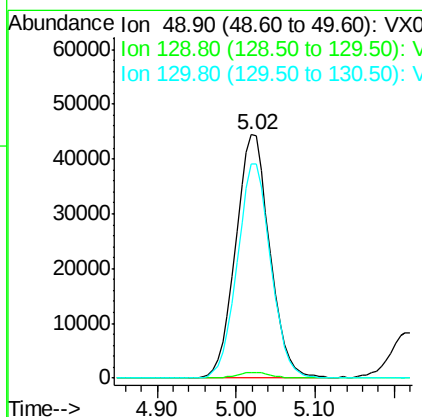
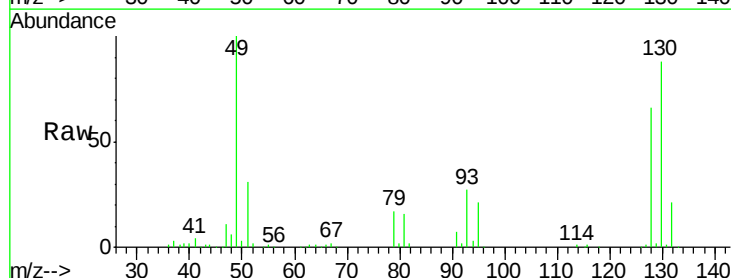
MMDadoda
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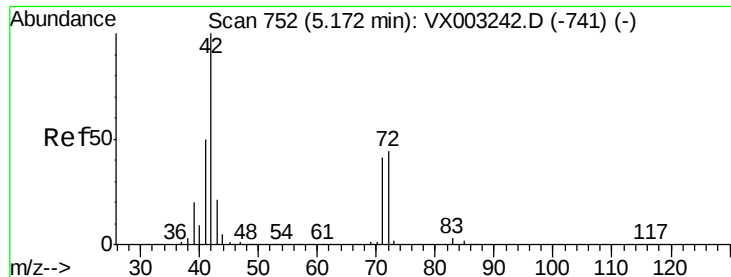


#28

Bromochloromethane
 Concen: 47.00 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	133882		
129	2.4	0.0	4.2	
130	86.3	61.2	91.8	





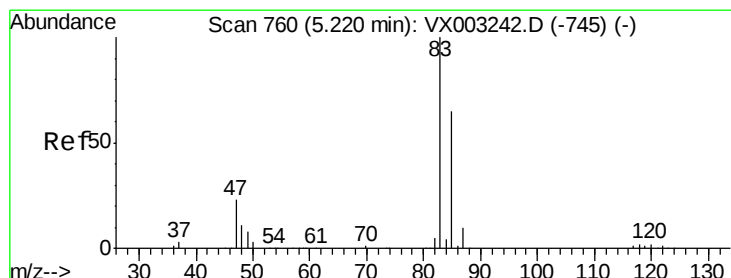
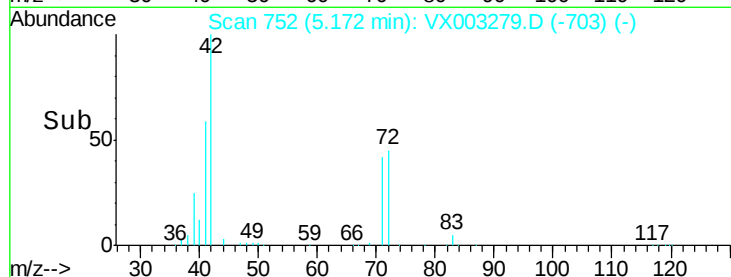
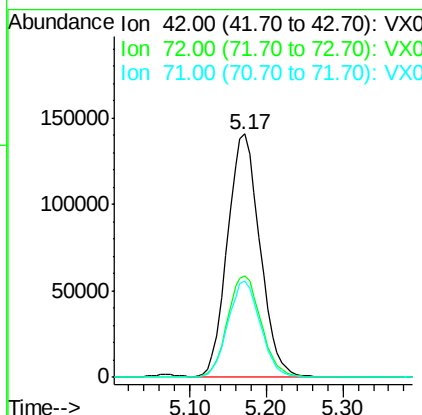
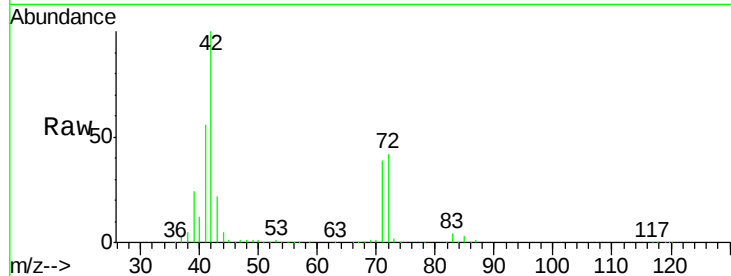
#29
Tetrahydrofuran
Concen: 250.57 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	32.0	48.0
71	39.7	30.1	45.1

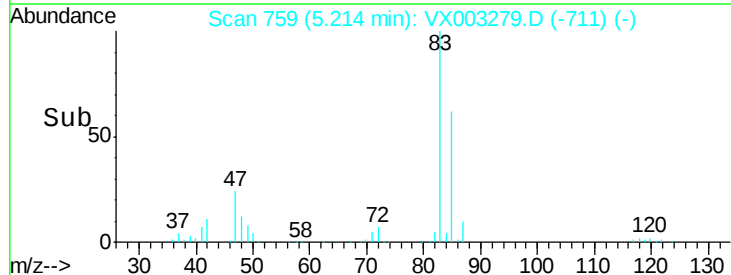
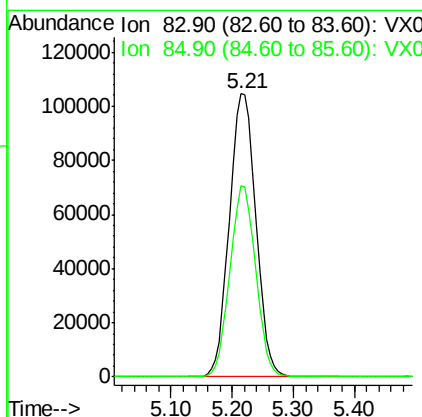
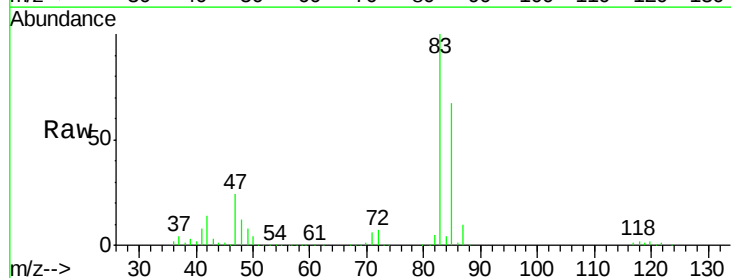
Manual Integrations
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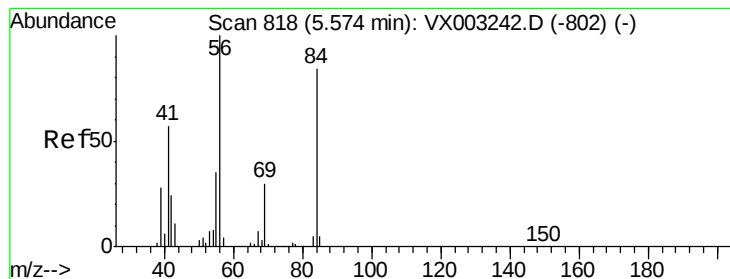
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#30
Chloroform
Concen: 50.19 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.5	50.4	75.6





#31

Cyclohexane

Concen: 51.38 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

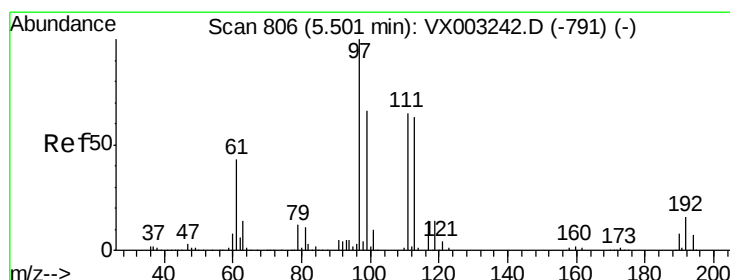
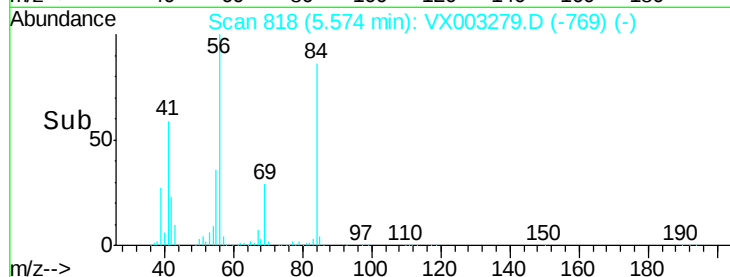
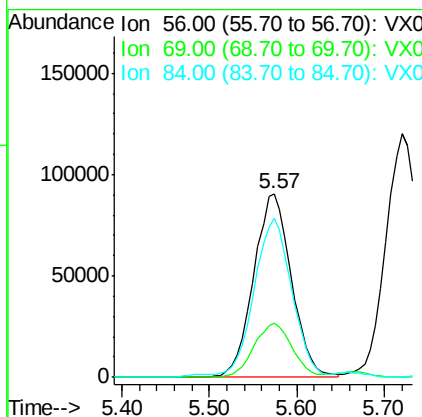
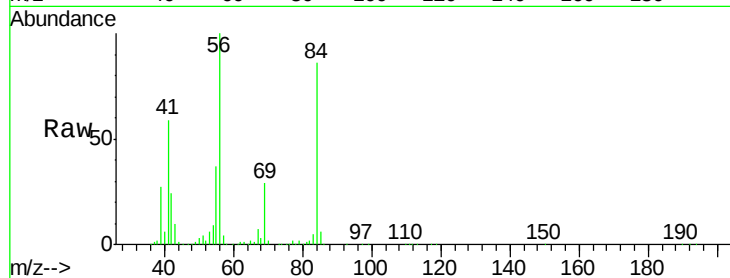
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	272015
Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.7	35.5
84	85.4	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.67 ug/l

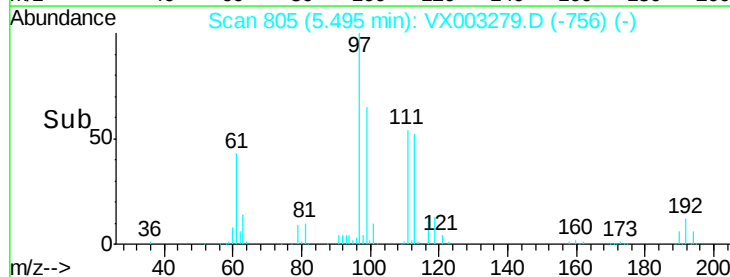
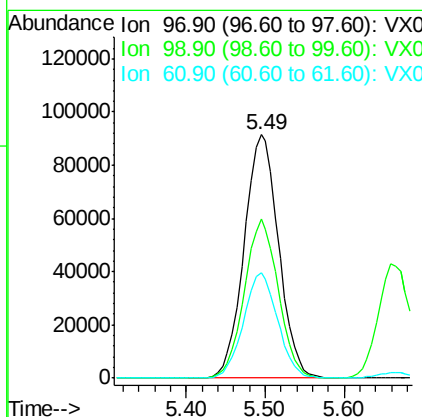
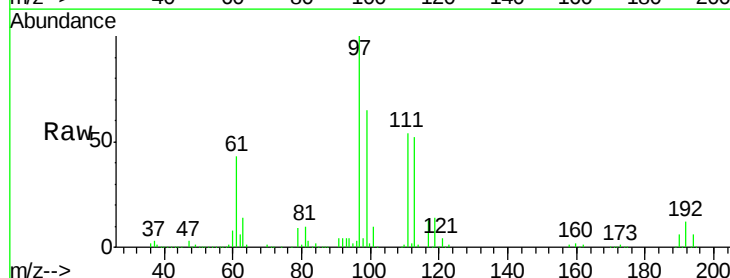
RT: 5.49 min Scan# 805

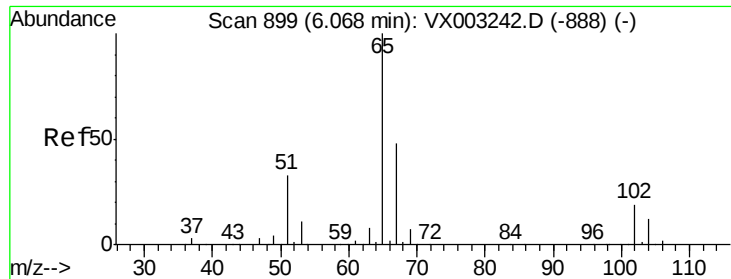
Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Tgt Ion:	97	Resp:	278011
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	42.8	36.4	54.6





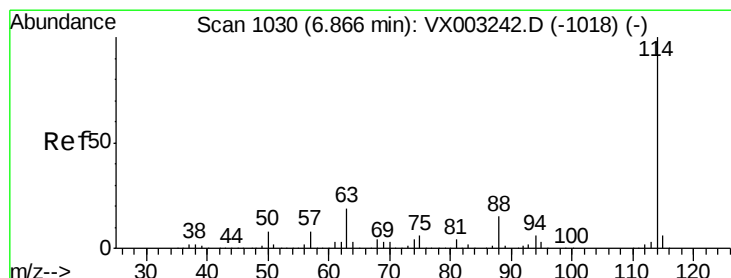
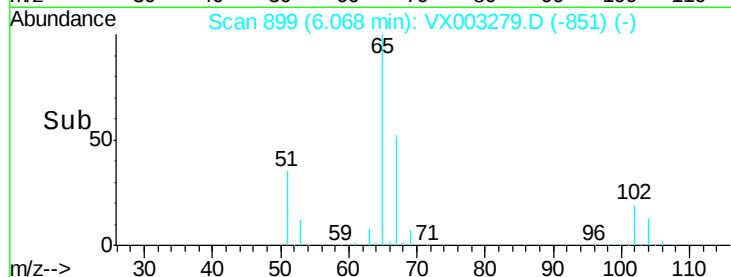
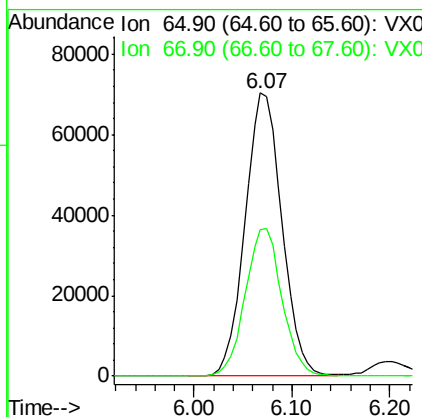
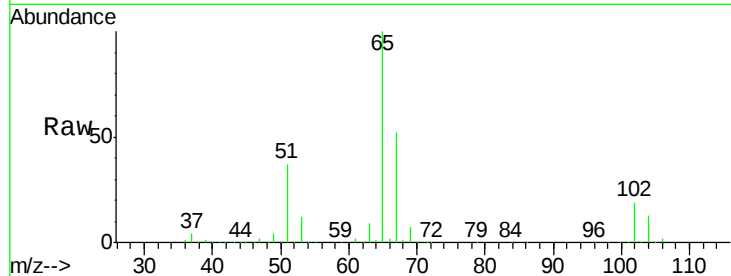
#33
 1,2-Dichloroethane-d4
 Concen: 45.53 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	183805		
67	51.9	0.0	102.6	

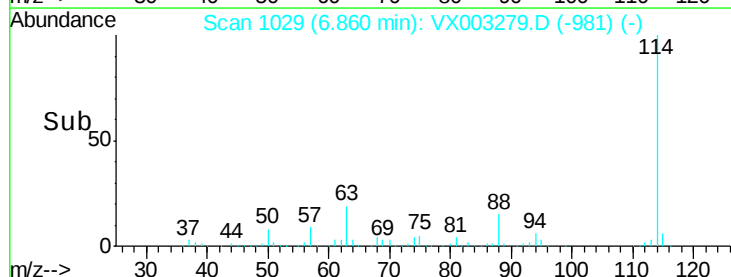
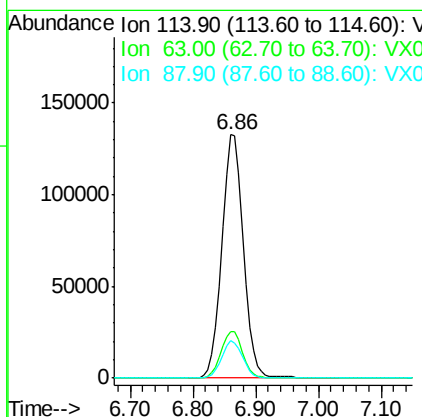
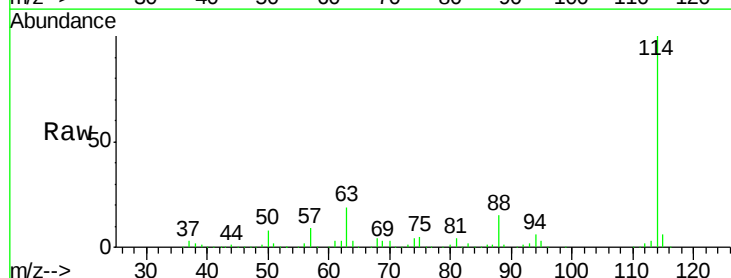
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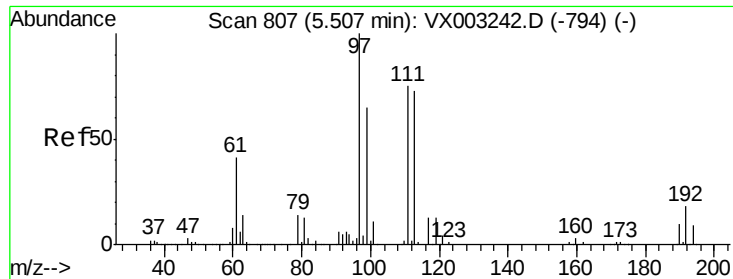
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	315889		
63	19.2	0.0	41.4	
88	15.5	0.0	30.0	





#35

Dibromofluoromethane

Concen: 46.20 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

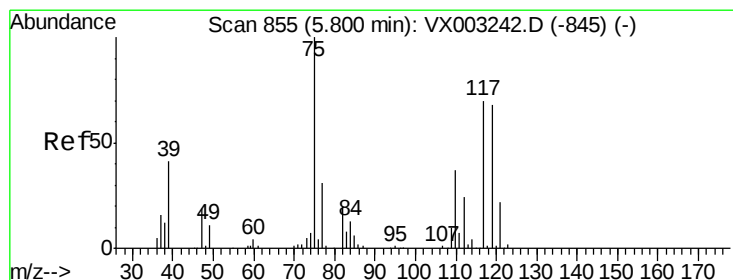
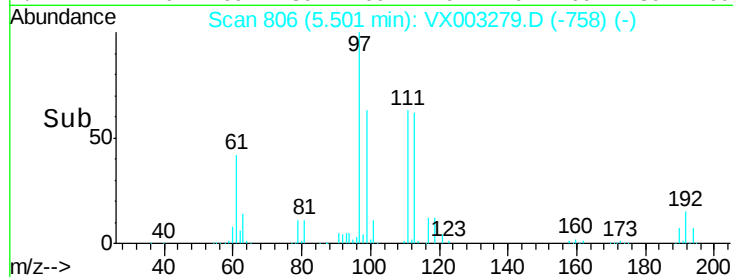
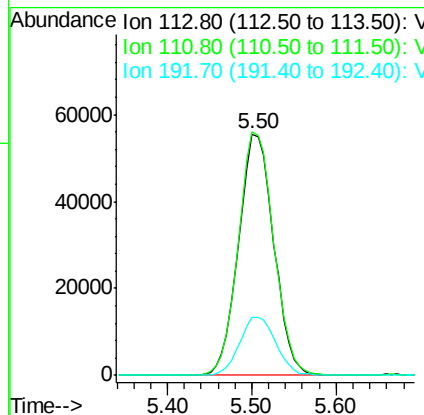
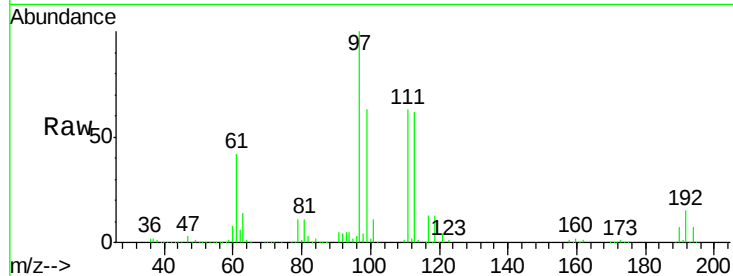
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	156792
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	24.8	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.20 ug/l

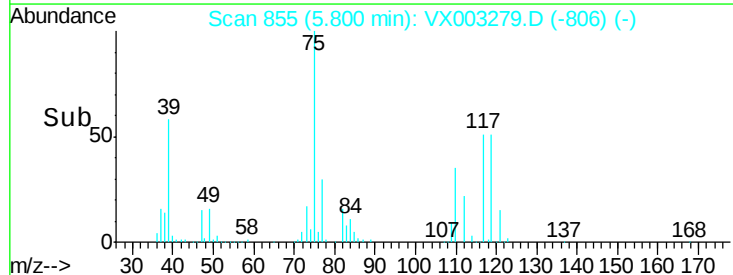
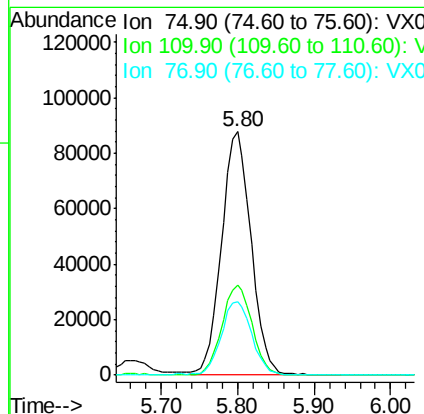
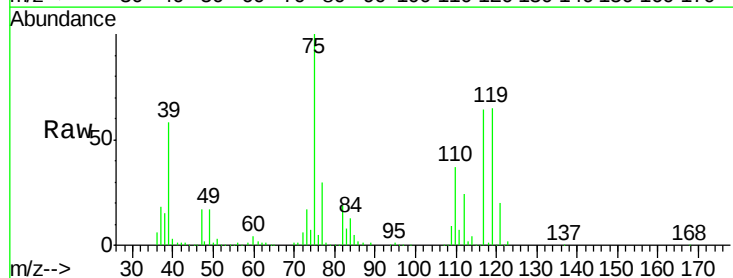
RT: 5.80 min Scan# 855

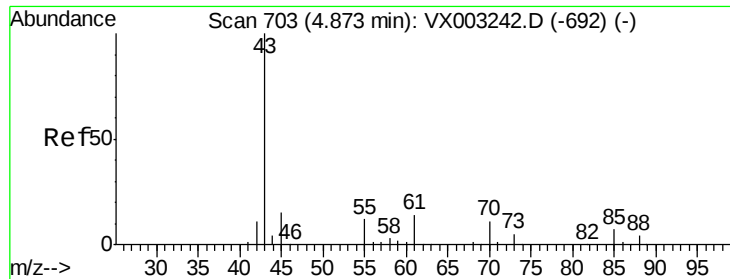
Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Tgt Ion:	75	Resp:	233423
Ion	Ratio	Lower	Upper
75	100		
110	37.9	18.1	54.4
77	30.9	24.3	36.5





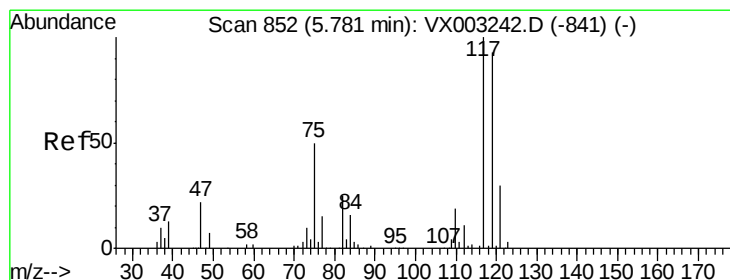
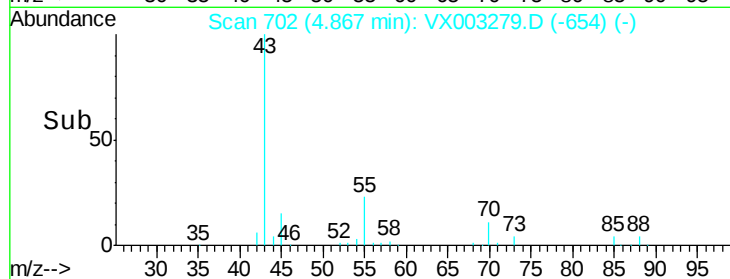
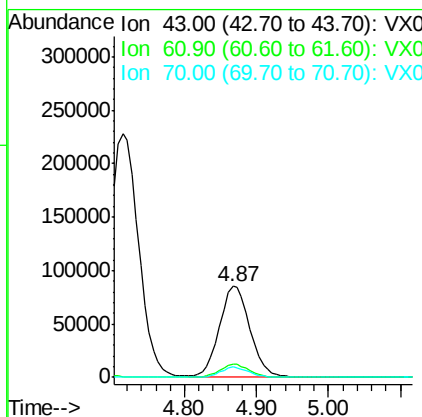
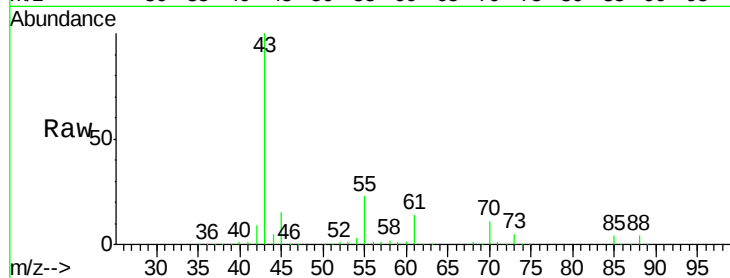
#37
Ethyl Acetate
Concen: 51.31 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.4	15.6
70	10.4	7.6	11.4

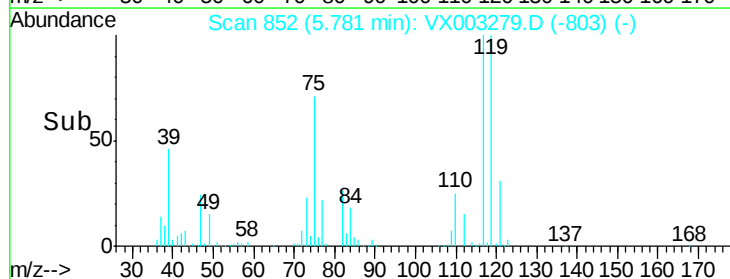
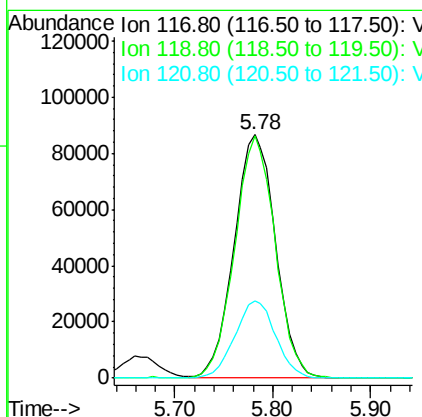
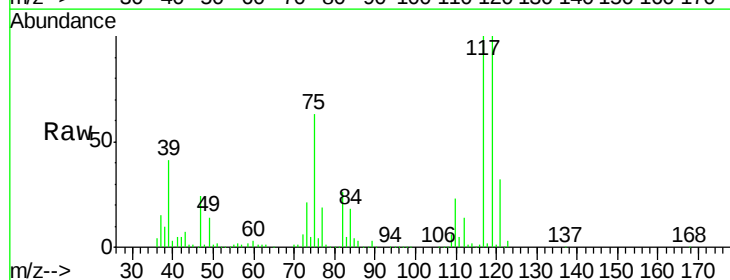
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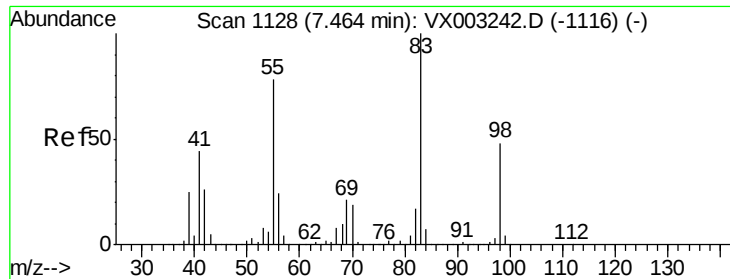
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#38
Carbon Tetrachloride
Concen: 52.08 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	77.4	116.0
121	31.6	24.4	36.6





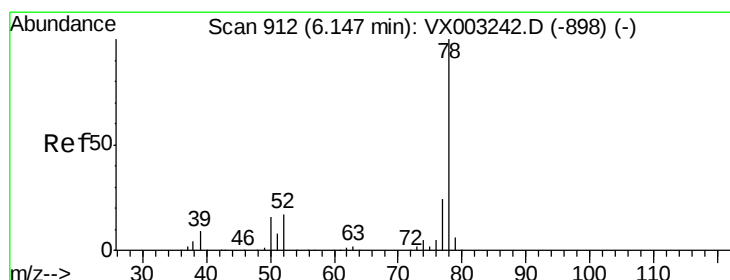
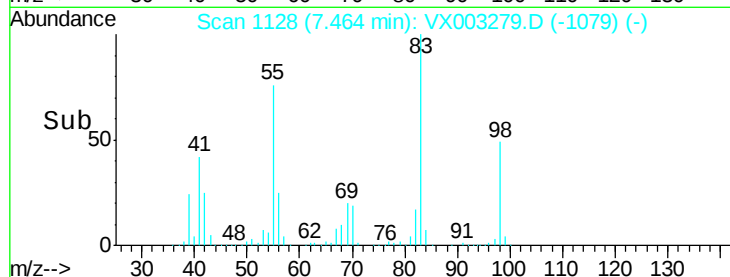
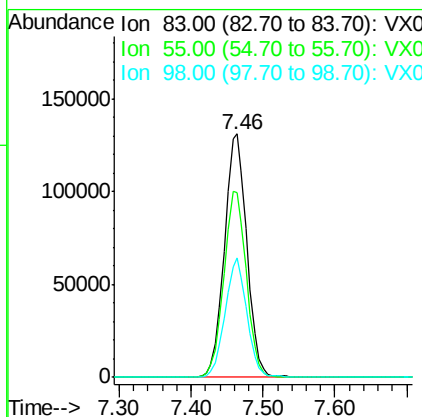
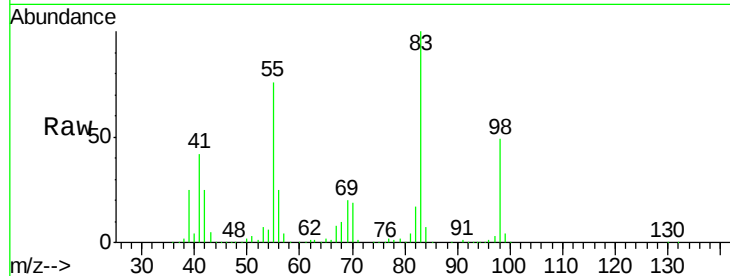
#39
Methvlcvclohexane
Concen: 53.75 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	283185		
55	75.8		65.4	98.0
98	48.9		37.4	56.0

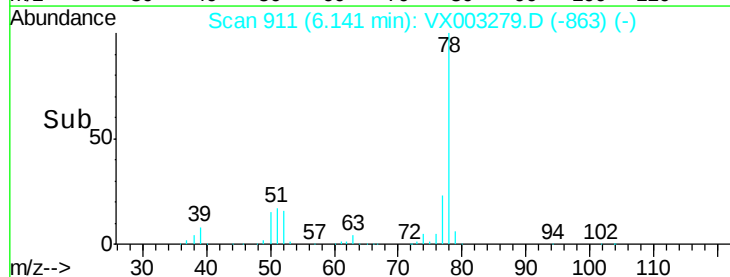
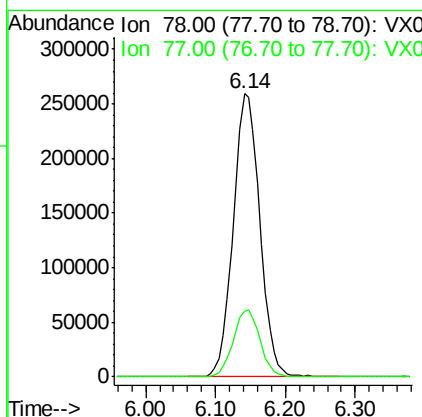
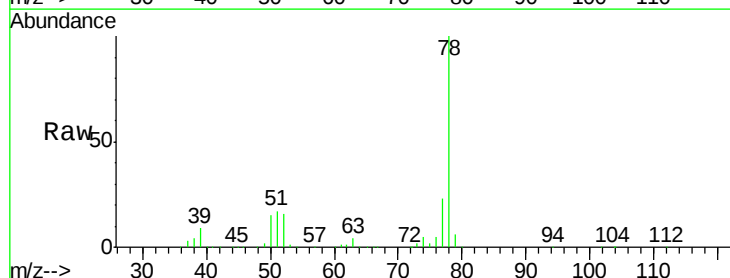
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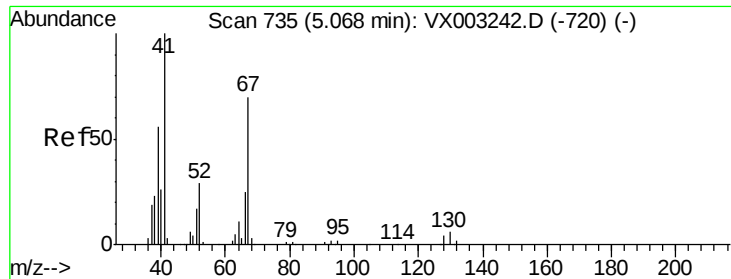
MMDadoda
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#40
Benzene
Concen: 51.72 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	685331		
77	23.0		19.1	28.7





#41

Methacrylonitrile

Concen: 52.48 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

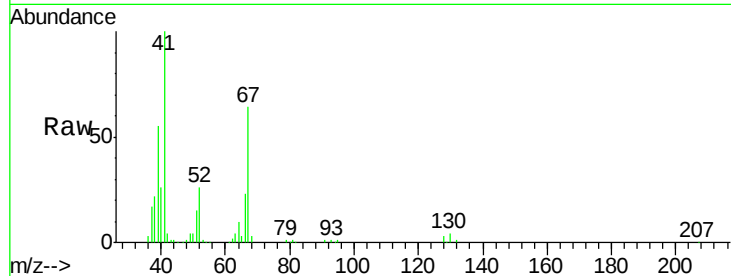
ClientSampleId :

VSTDCCC050

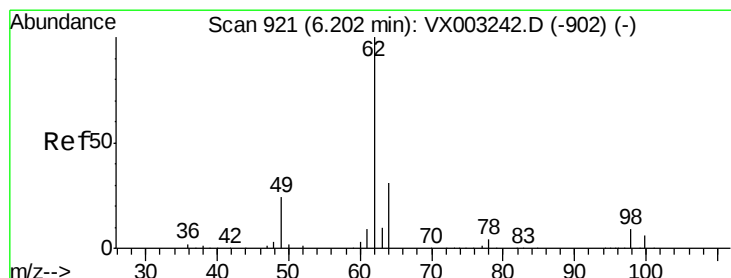
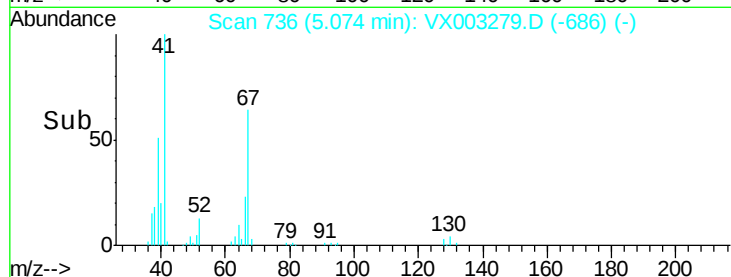
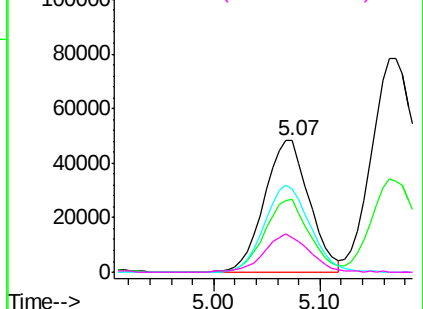
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	45.8	68.6	
67	67.6	51.3	76.9	
52	29.0	23.0	34.6	

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



#42

1,2-Dichloroethane

Concen: 50.14 ug/l

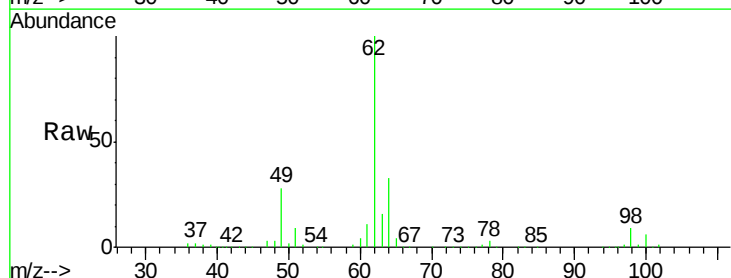
RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

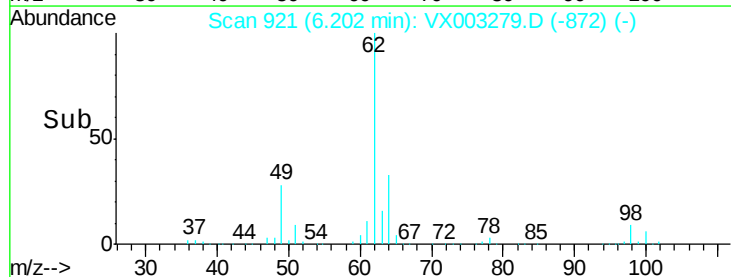
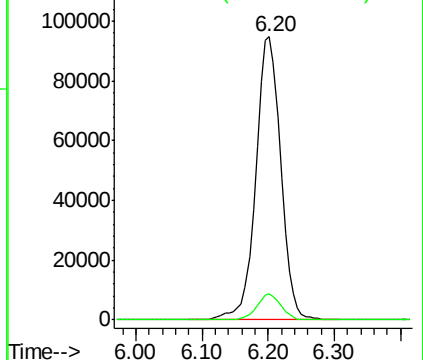
Lab File: VX003279.D

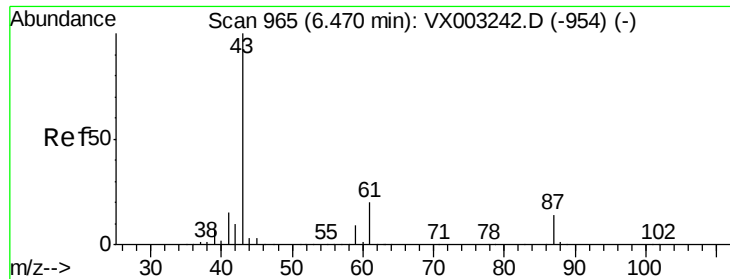
Acq: 10 Jul 2018 12:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	16.6	



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





#43

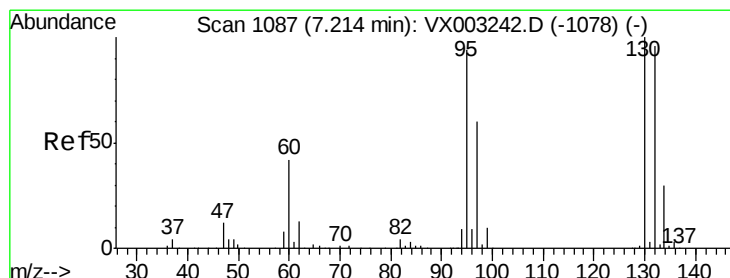
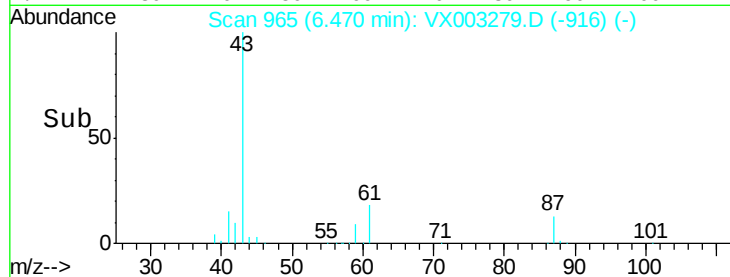
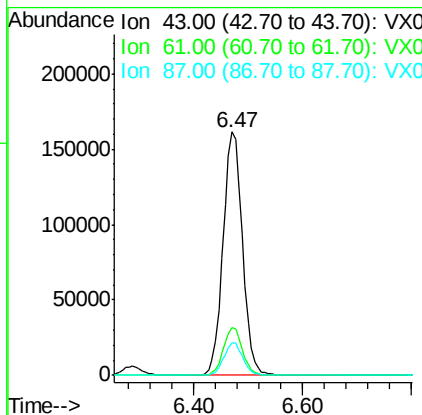
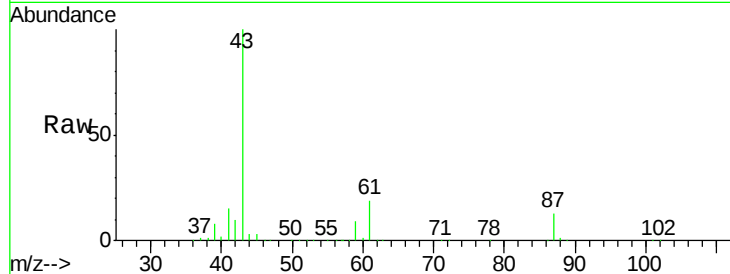
Isopropyl Acetate
 Concen: 51.87 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.4	21.6
87	13.2	9.5	14.3

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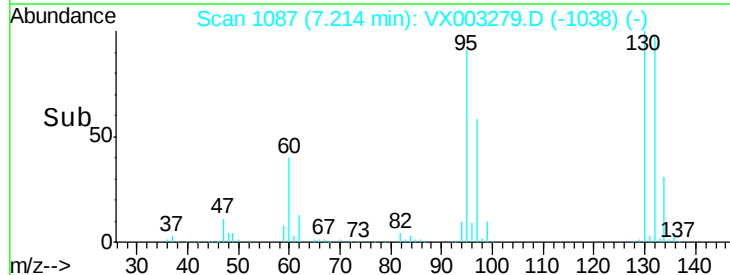
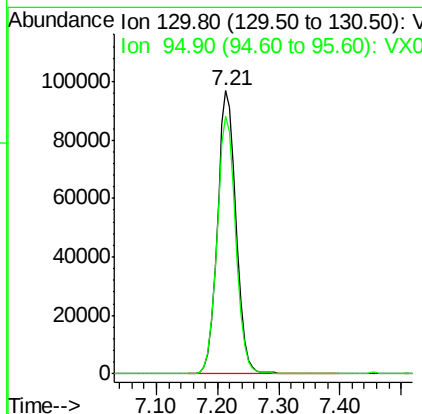
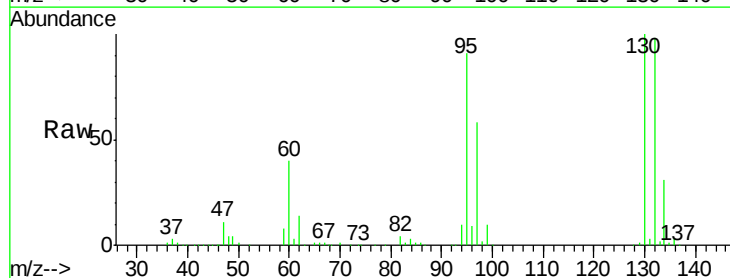
MMDadoda
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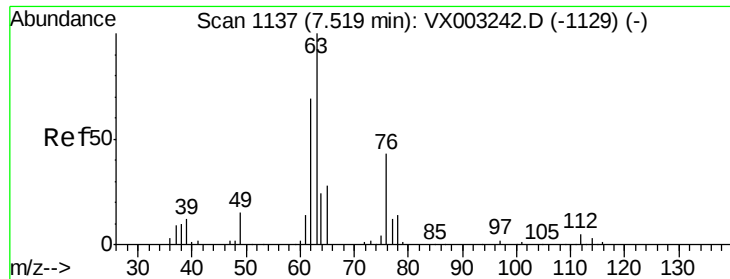


#44

Trichloroethene
 Concen: 52.78 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	185.4





#45

1,2-Dichloropropane

Concen: 50.78 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 174942

Ion Ratio Lower Upper

63 100

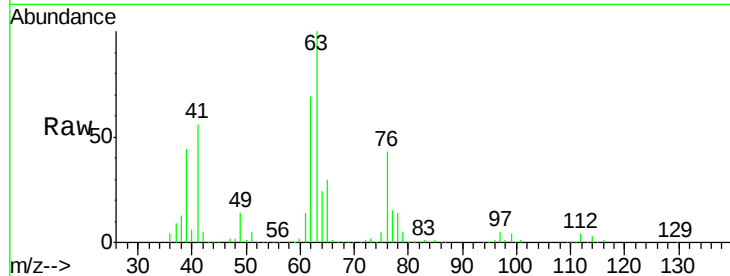
65 29.6 24.7 37.1

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

100000

80000

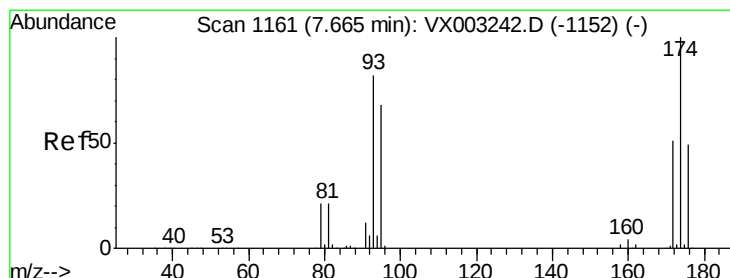
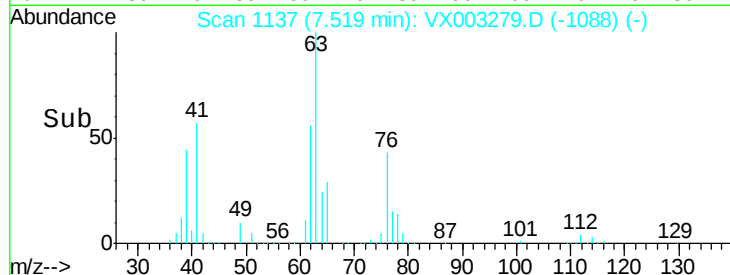
60000

40000

20000

0

Time--> 7.40 7.50 7.60



#46

Dibromomethane

Concen: 50.80 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

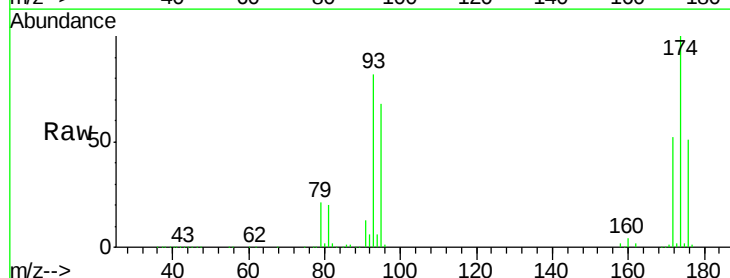
Tgt Ion: 93 Resp: 119295

Ion Ratio Lower Upper

93 100

95 84.4 65.9 98.9

174 125.5 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

100000

80000

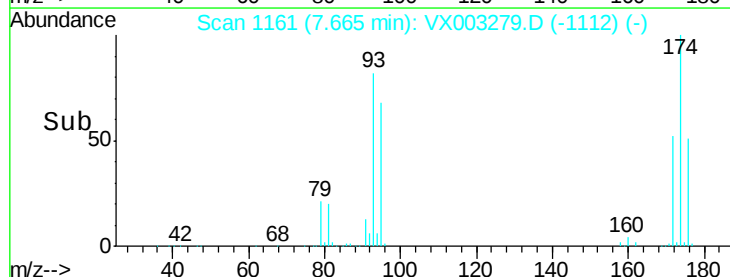
60000

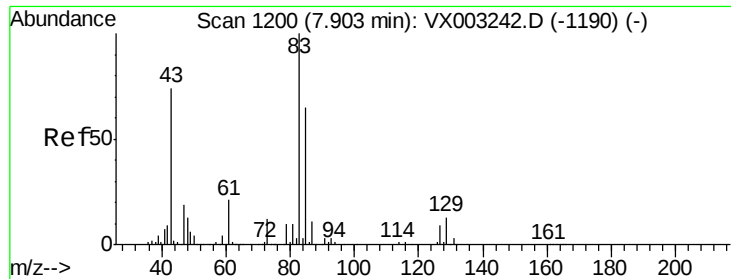
40000

20000

0

Time--> 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 53.00 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

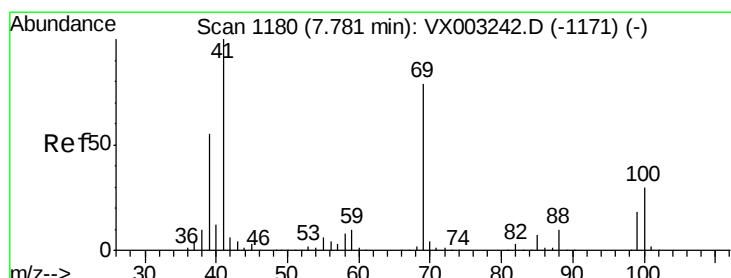
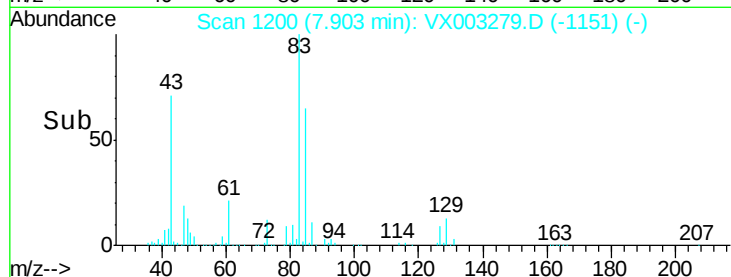
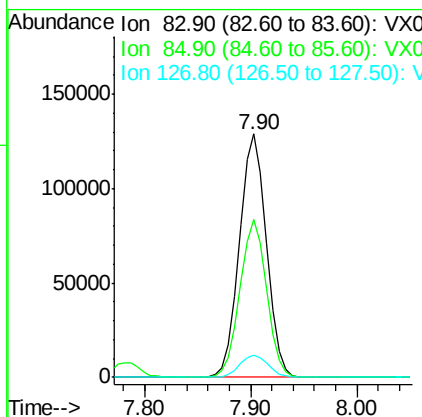
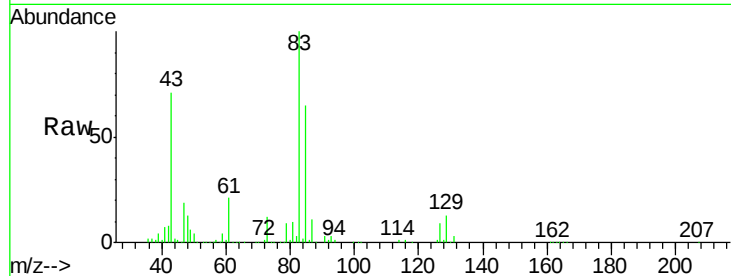
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	229654
Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.3	75.5
127	9.3	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.81 ug/l

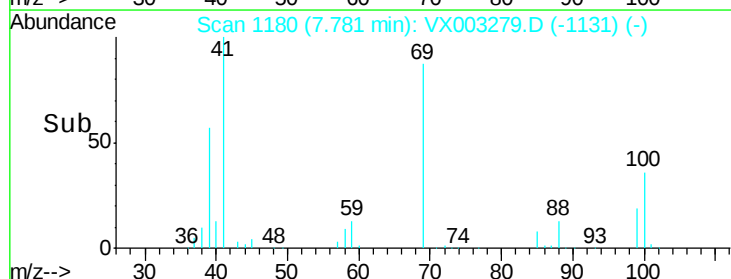
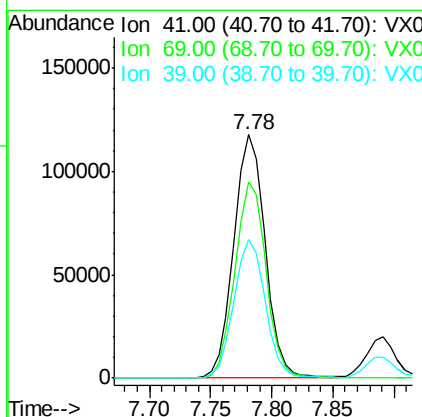
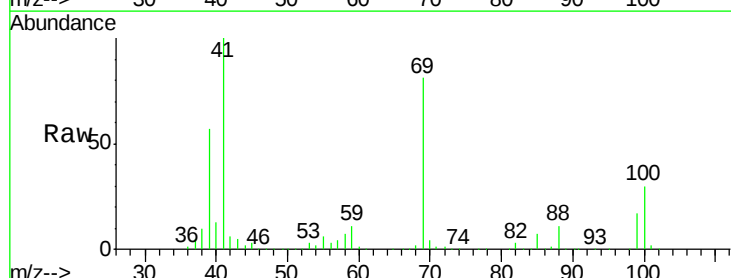
RT: 7.78 min Scan# 1180

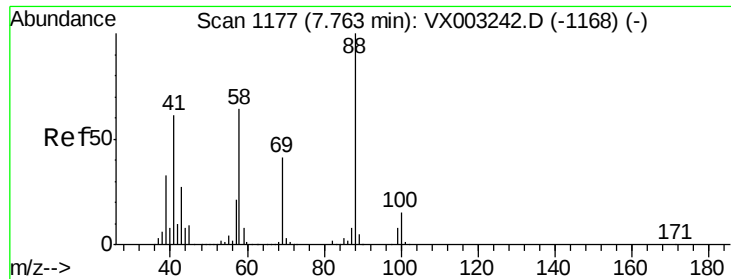
Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Tgt Ion:	41	Resp:	208499
Ion	Ratio	Lower	Upper
41	100		
69	80.8	59.1	88.7
39	56.8	48.9	73.3





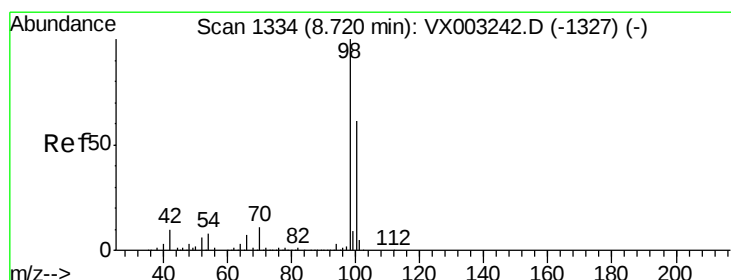
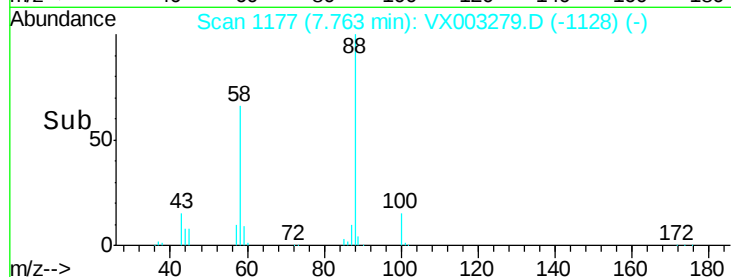
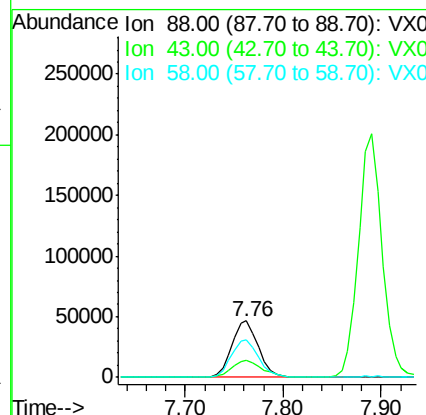
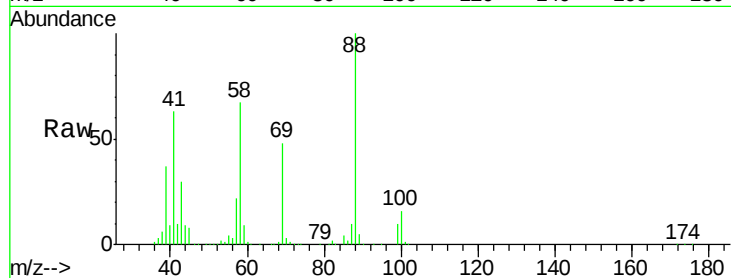
#49
1,4-Dioxane
Concen: 1055.30 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	29.8	44.6
58	68.3	57.1	85.7

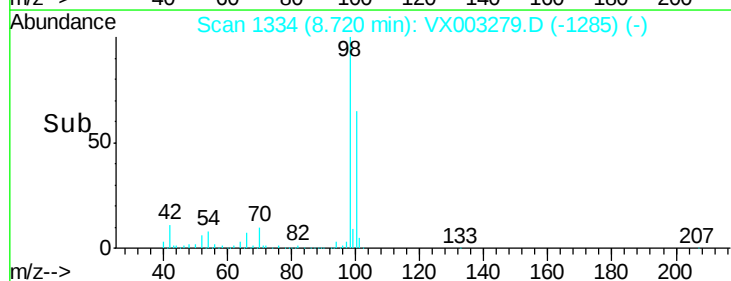
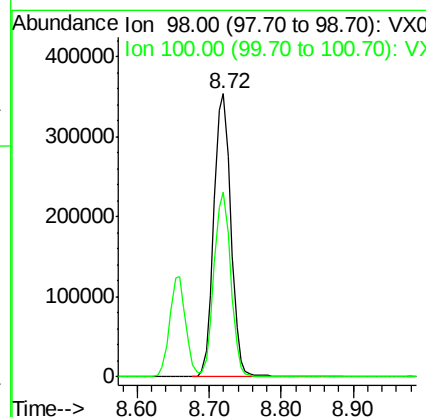
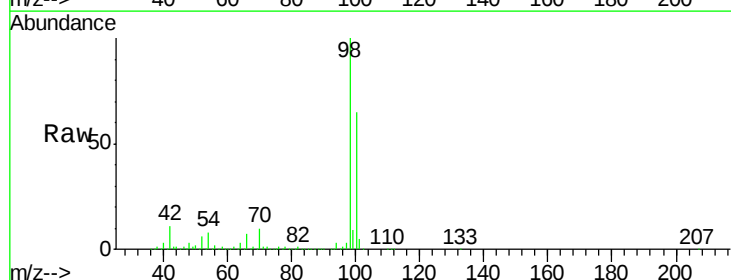
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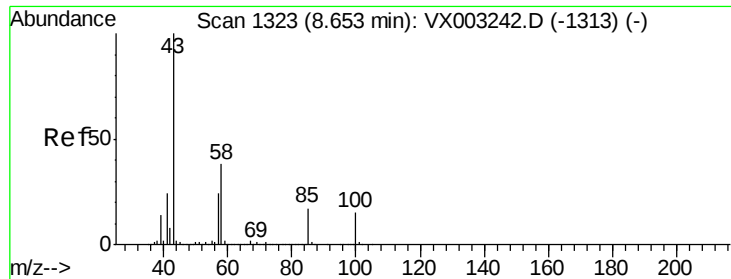
MMDadoda
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#50
Toluene-d8
Concen: 47.93 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 272.07 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1303907

Ion Ratio Lower Upper

43 100

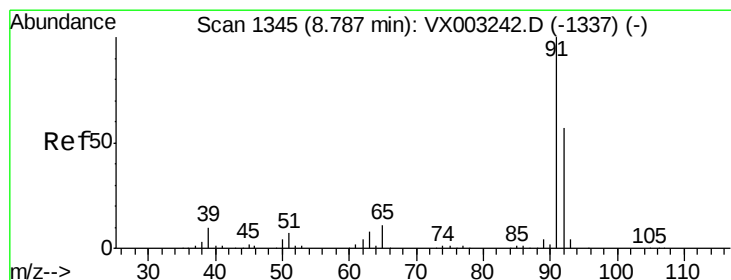
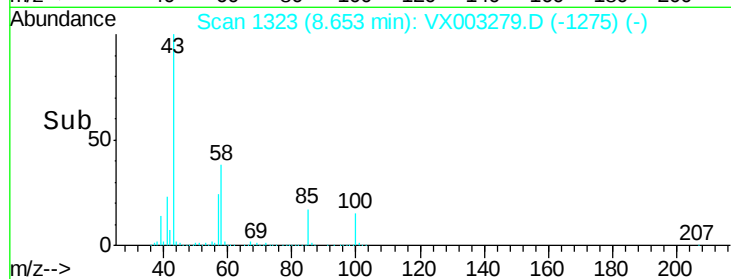
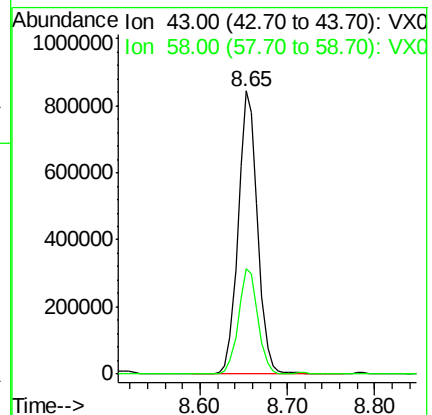
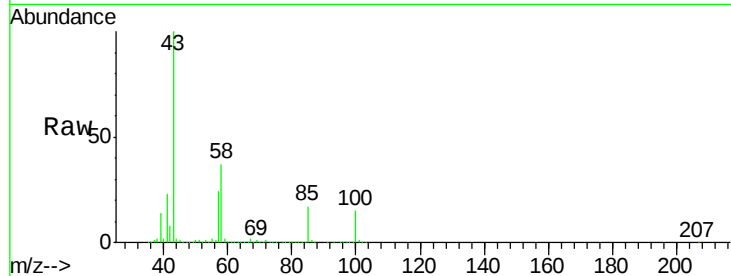
58 37.3 28.6 42.8

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#52

Toluene

Concen: 52.83 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003279.D

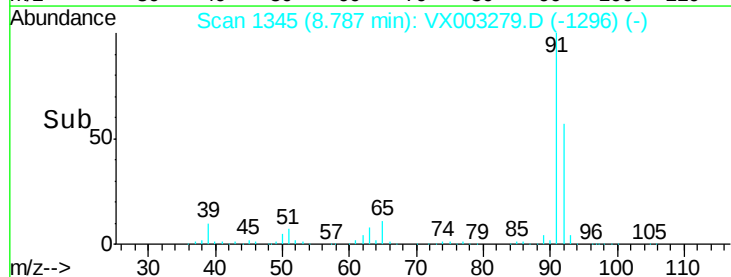
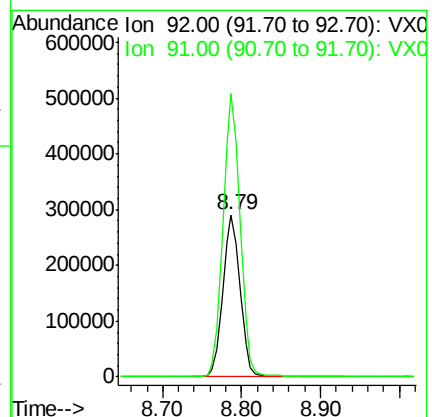
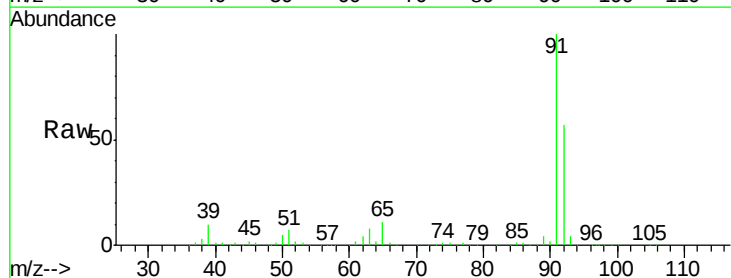
Acq: 10 Jul 2018 12:43

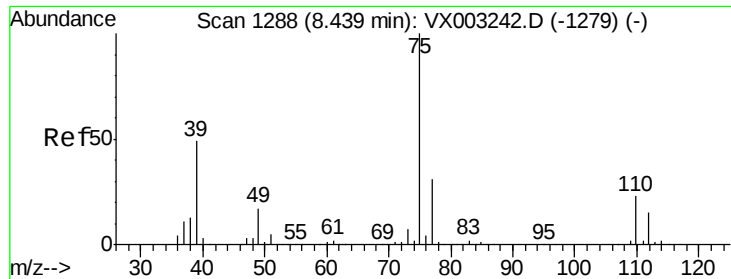
Tgt Ion: 92 Resp: 442580

Ion Ratio Lower Upper

92 100

91 174.4 140.4 210.6





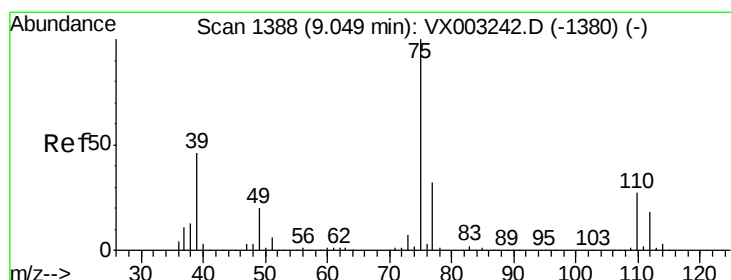
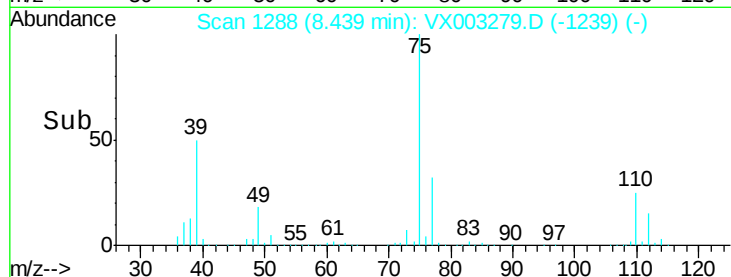
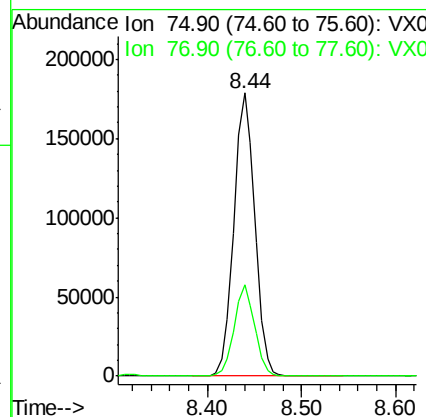
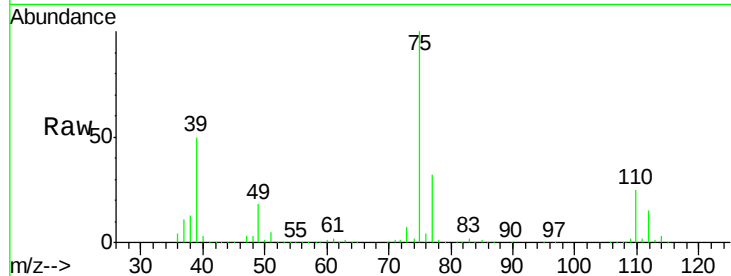
#53
t-1,3-Dichloropropene
Concen: 54.07 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.2

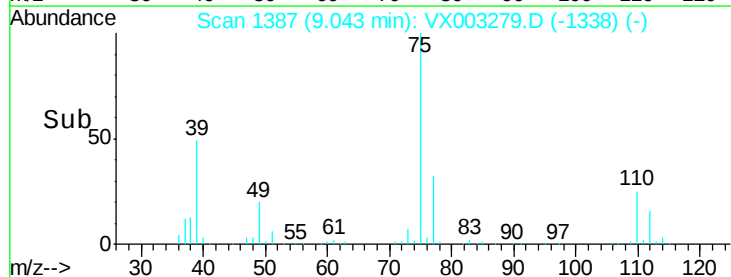
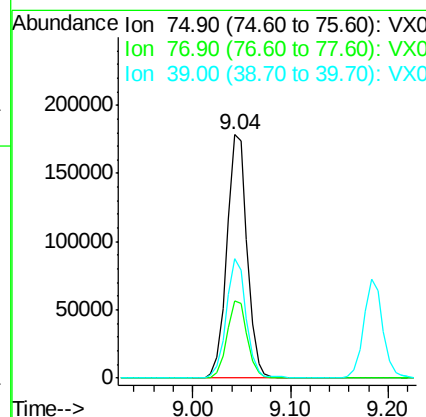
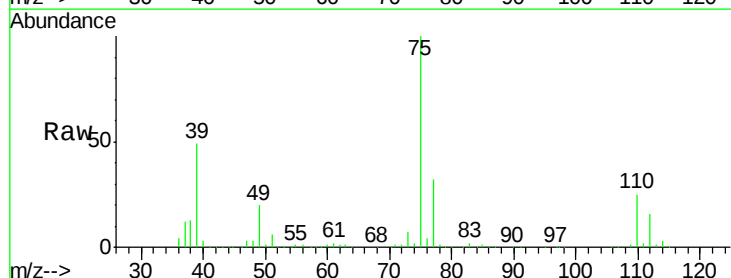
Manual Integrations
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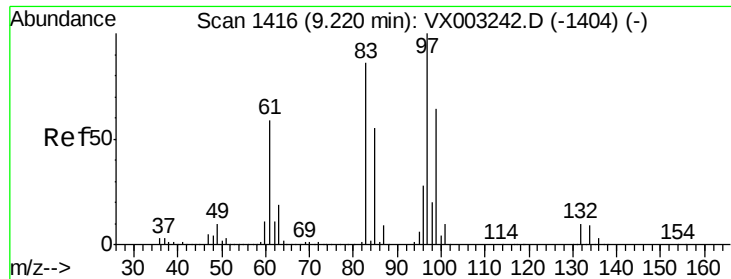
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#54
cis-1,3-Dichloropropene
Concen: 55.06 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.8	37.2
39	49.1	42.4	63.6





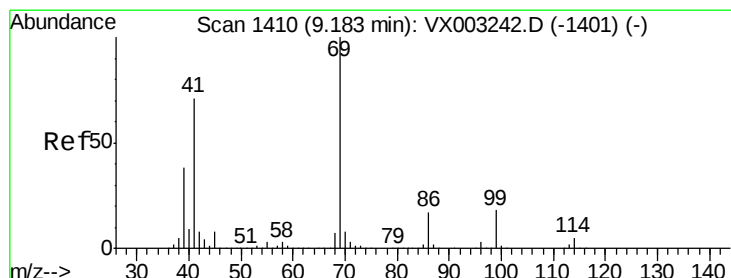
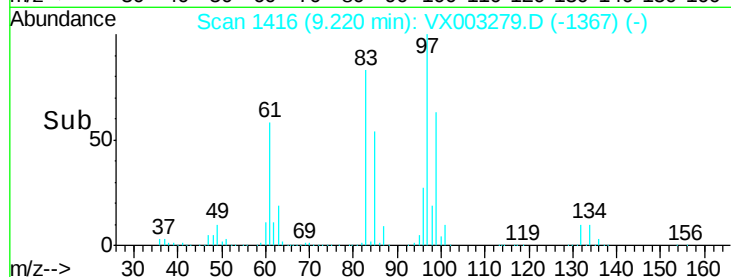
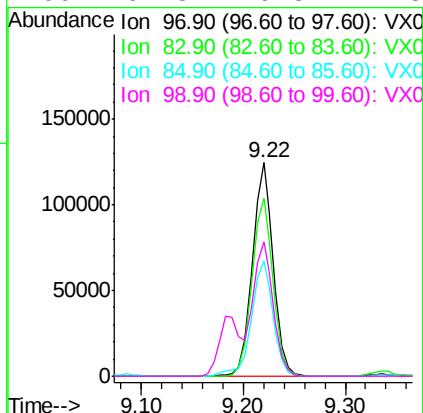
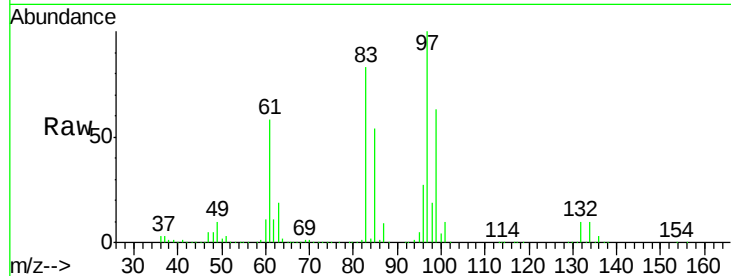
#55
 1,1,2-Trichloroethane
 Concen: 51.32 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	178350
Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.2	105.2
85	53.8	44.9	67.3
99	62.8	49.8	74.8

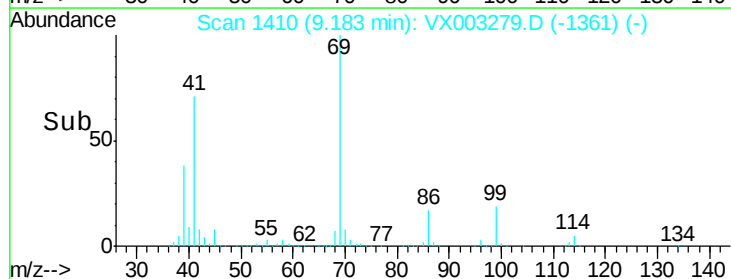
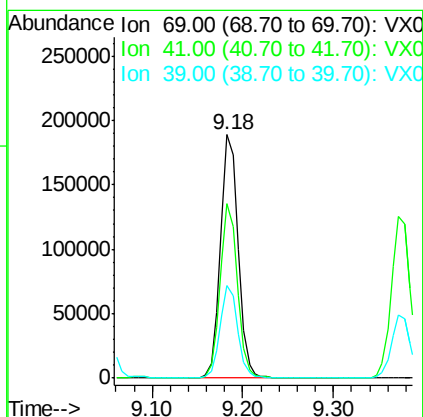
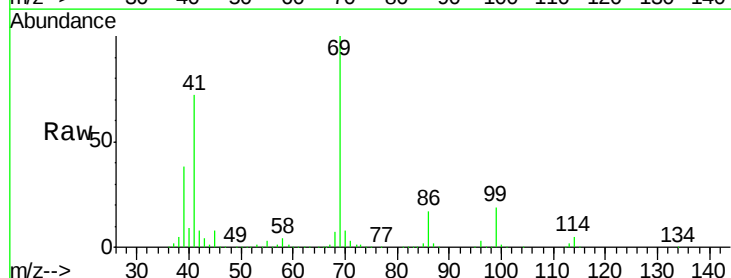
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#56
 Ethyl methacrylate
 Concen: 54.47 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Tgt Ion:	69	Resp:	259285
Ion	Ratio	Lower	Upper
69	100		
41	69.5	60.3	90.5
39	37.9	35.8	53.8





#57

1,3-Dichloropropane

Concen: 52.09 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 291581

Ion Ratio Lower Upper

76 100

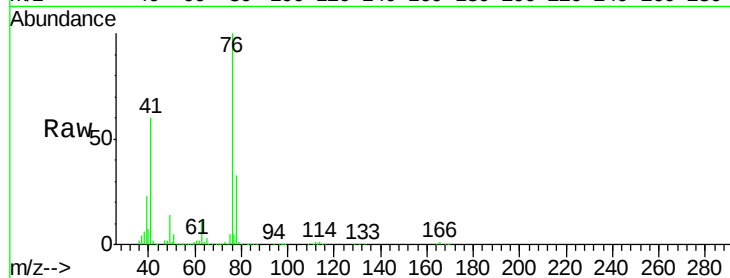
78 32.0 25.8 38.6

Manual Integrations

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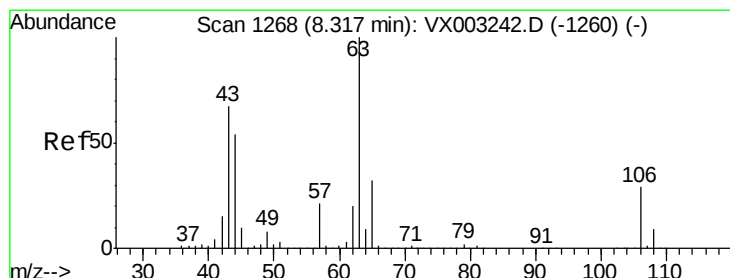
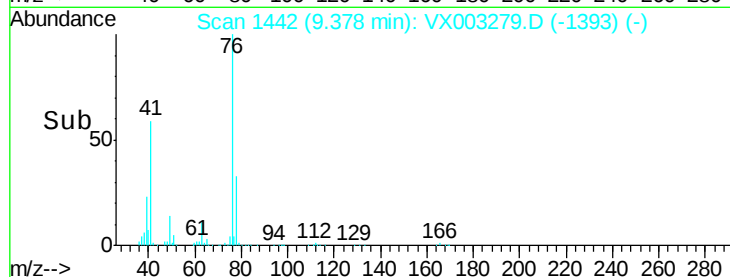
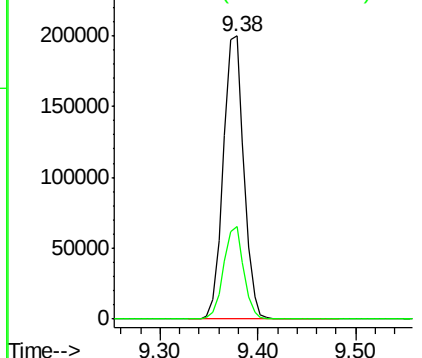
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 293.28 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003279.D

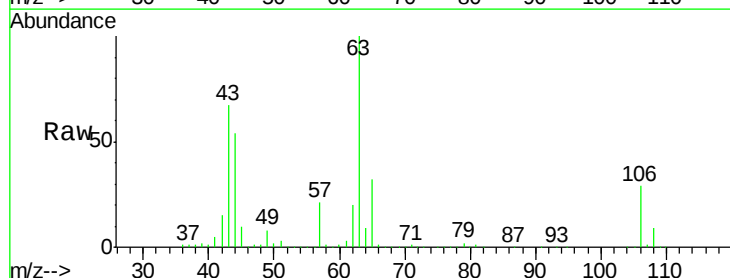
Acq: 10 Jul 2018 12:43

Tgt Ion: 63 Resp: 673394

Ion Ratio Lower Upper

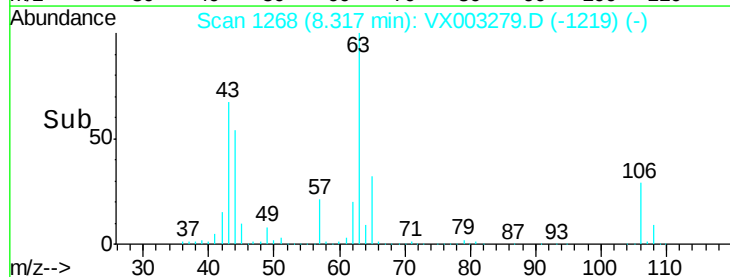
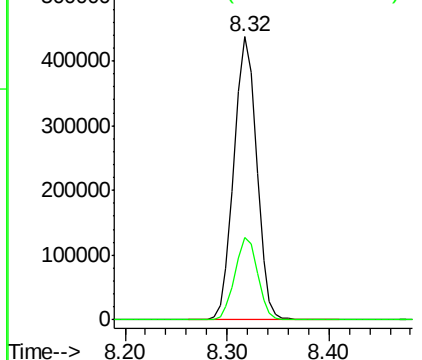
63 100

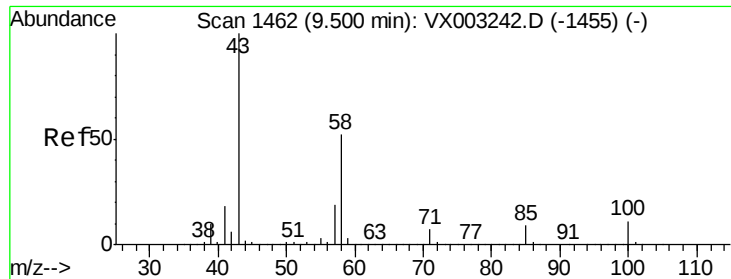
106 29.2 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





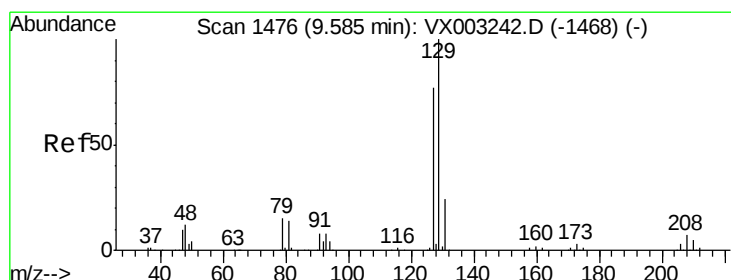
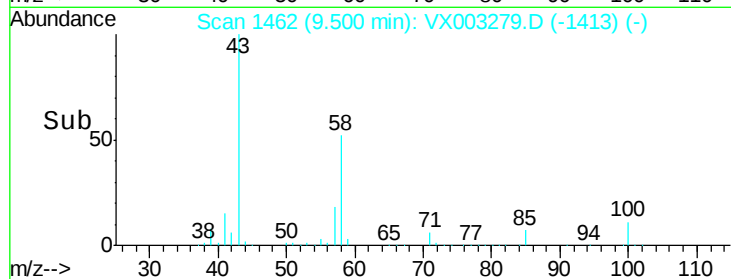
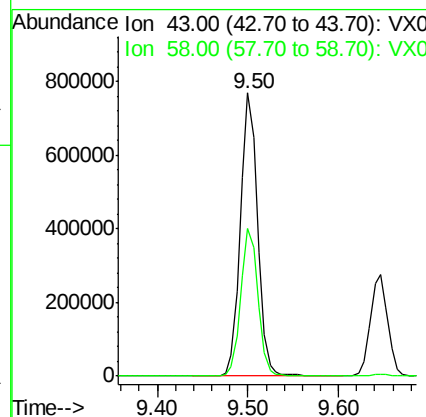
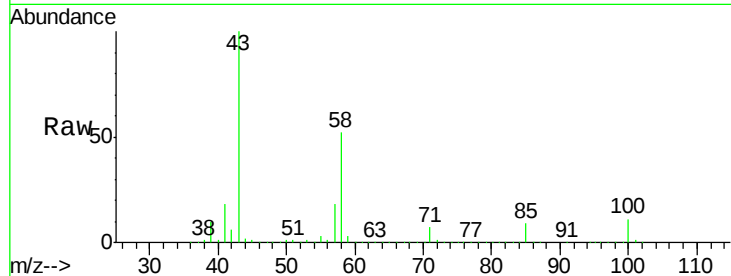
#59
2-Hexanone
Concen: 278.55 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1013972
Ion Ratio Lower Upper
43 100
58 52.3 24.6 73.6

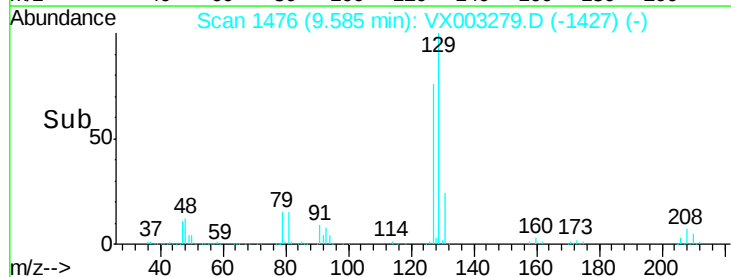
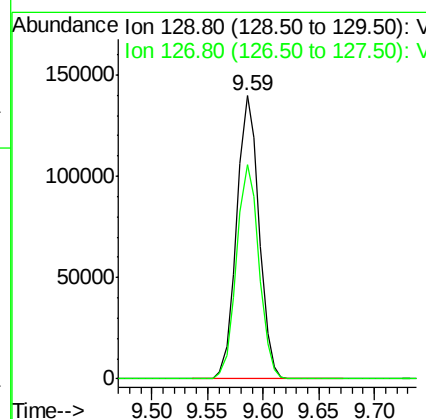
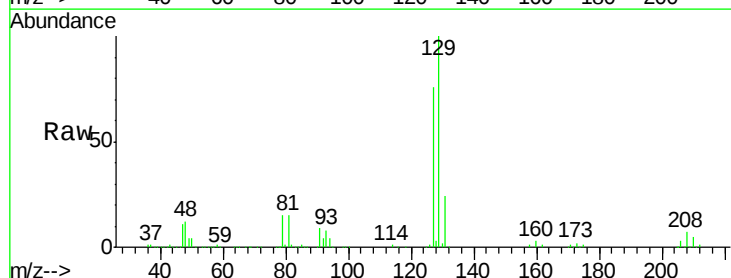
Manual Integrations
APPROVED

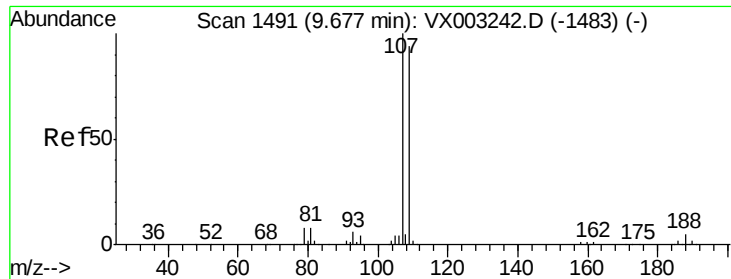
MMDadoda
7/11/2018 3:09:24 PM



#60
Dibromochloromethane
Concen: 53.78 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 129 Resp: 195153
Ion Ratio Lower Upper
129 100
127 75.8 38.5 115.3





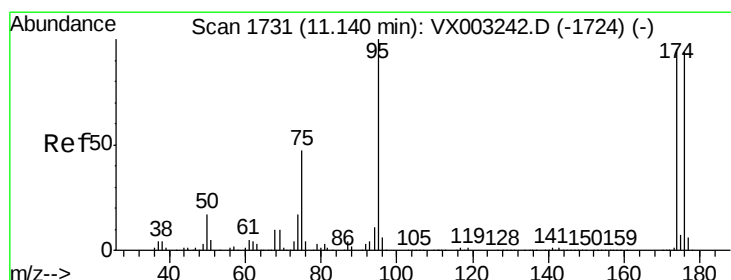
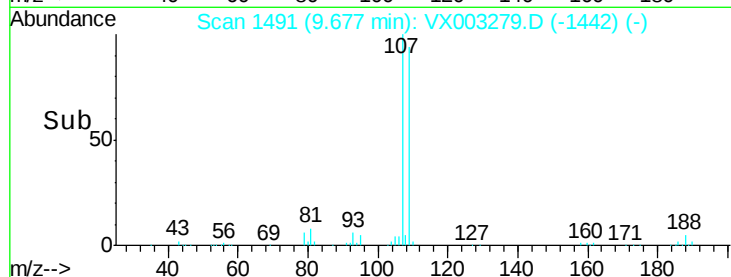
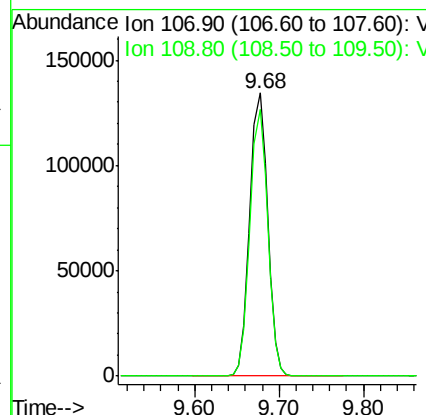
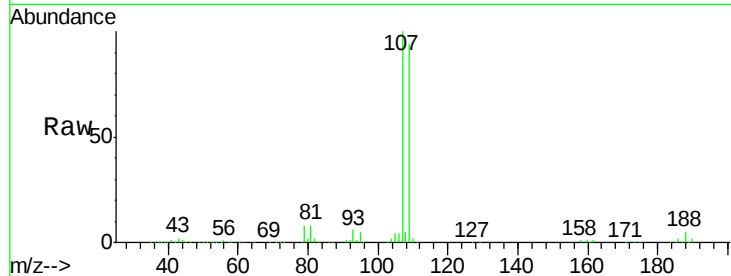
#61
 1,2-Dibromoethane
 Concen: 52.56 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	191422		
109	93.9	75.3	112.9	

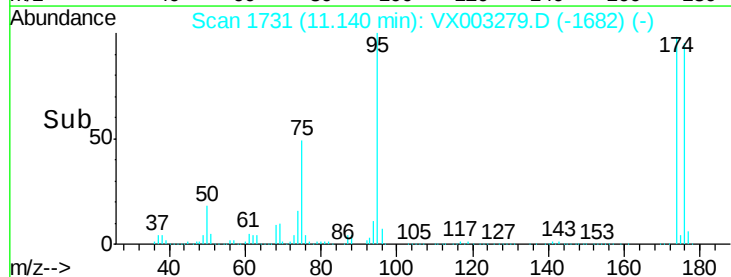
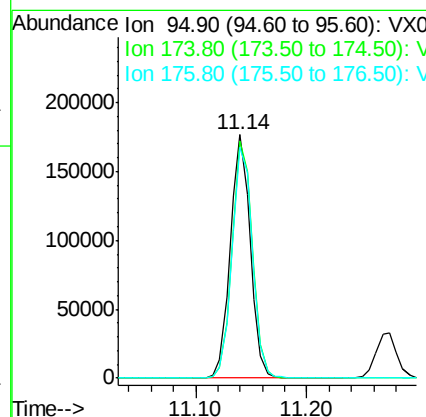
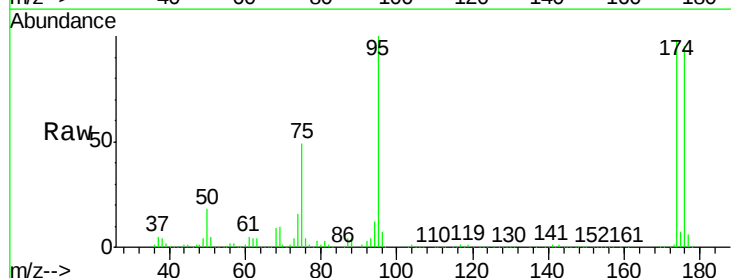
Manual Integrations
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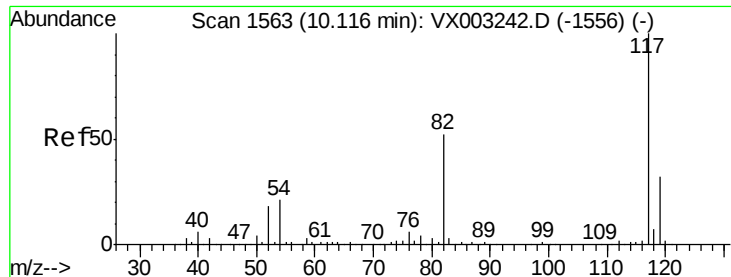
MMDadoda
 7/11/2018 3:09:24 PM



#62
 4-Bromofluorobenzene
 Concen: 48.98 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	218161		
174	99.4	0.0	187.4	
176	97.0	0.0	181.0	





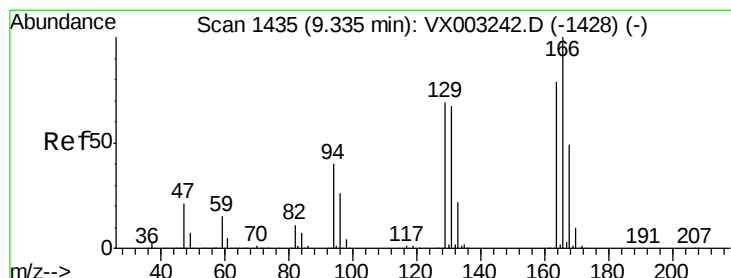
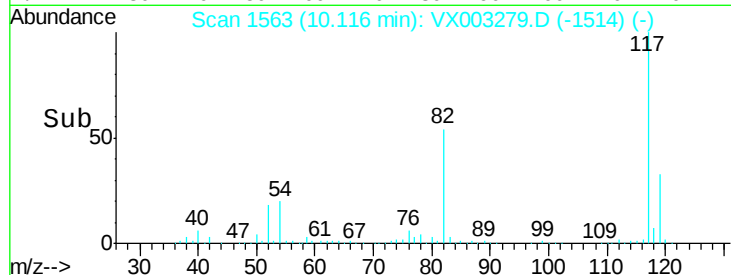
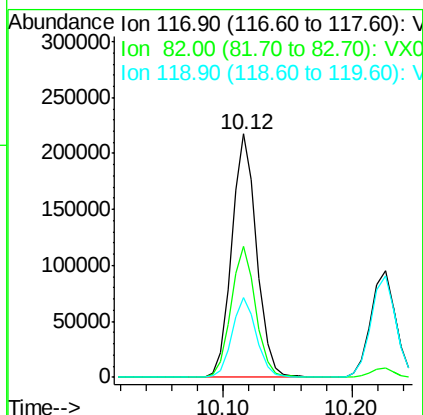
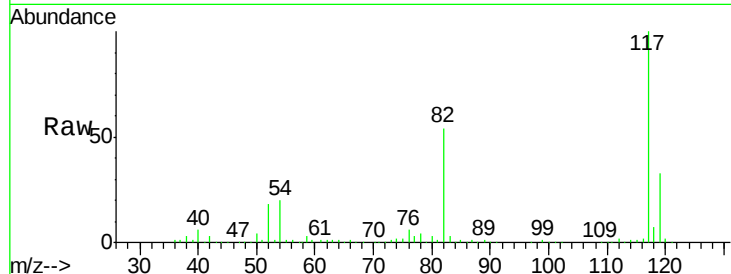
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.0	67.4
119	33.0	25.8	38.6

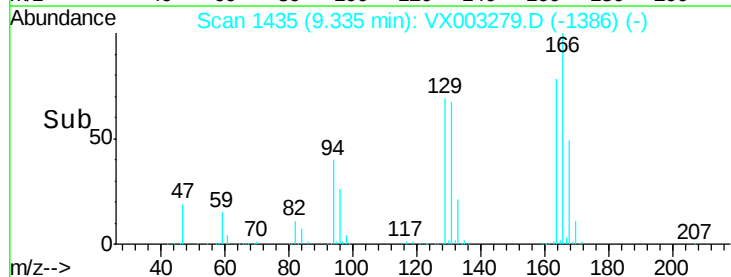
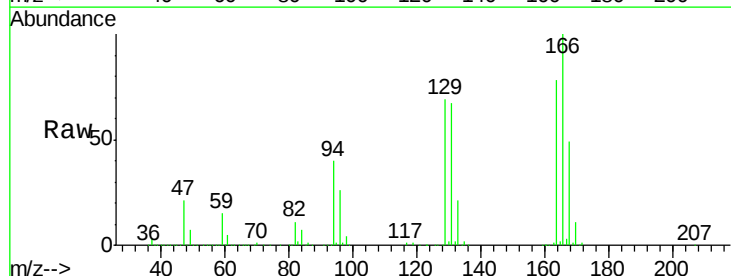
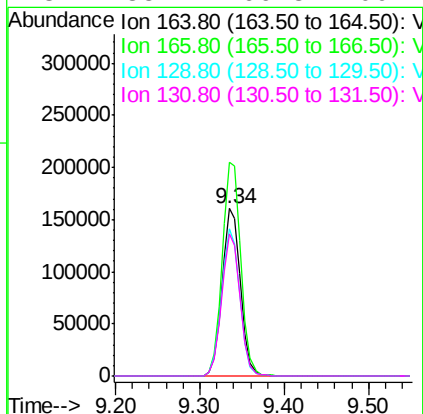
Manual Integrations
APPROVED

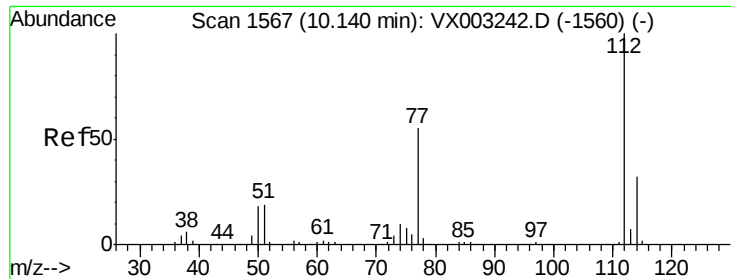
MMDadoda
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#64
Tetrachloroethene
Concen: 54.64 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	102.9	154.3
129	88.4	68.6	102.8
131	85.2	66.8	100.2





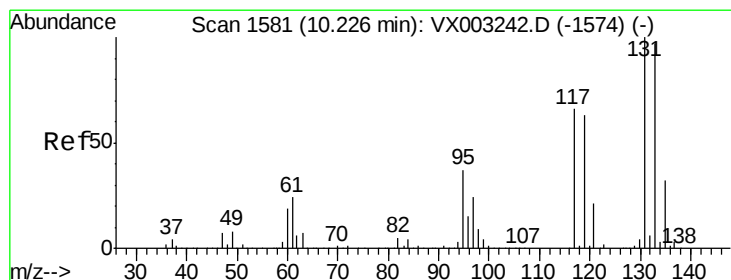
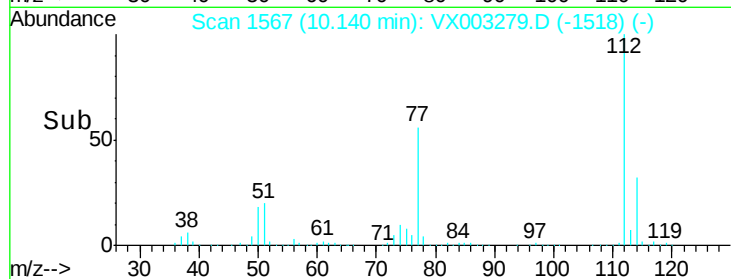
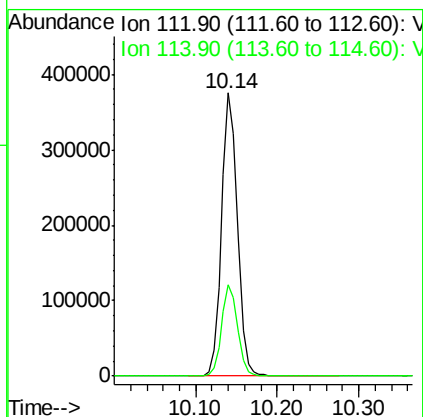
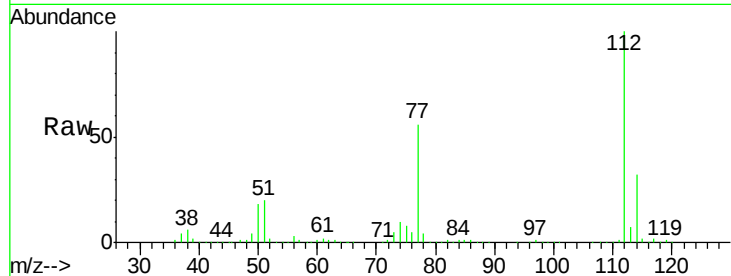
#65
Chlorobenzene
Concen: 51.46 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 510833
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9

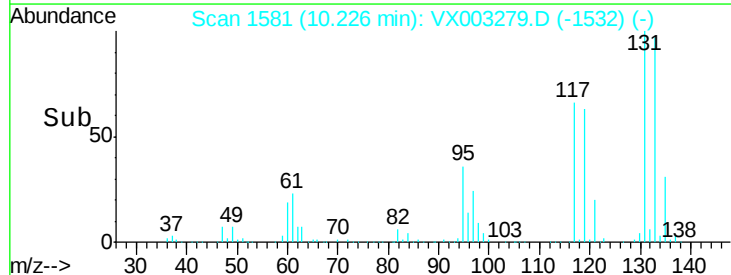
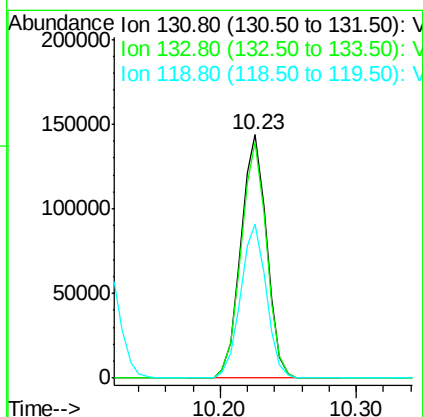
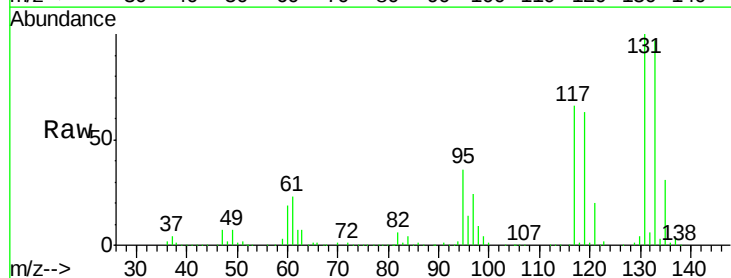
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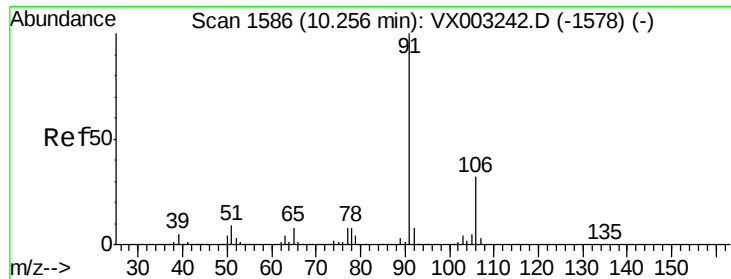
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.04 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion:131 Resp: 189962
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 63.1 31.8 95.3





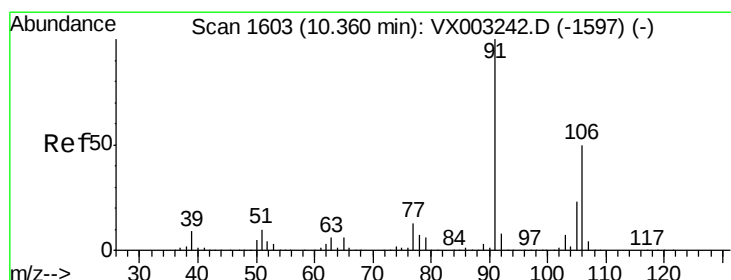
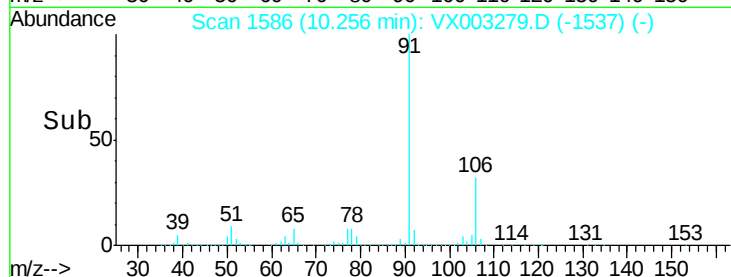
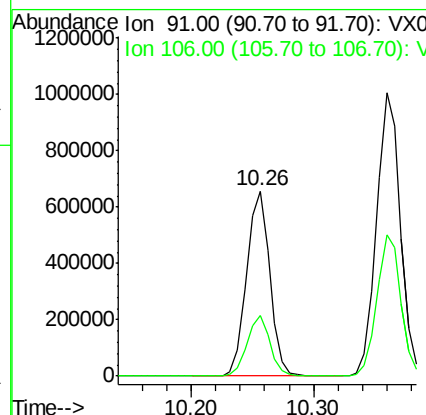
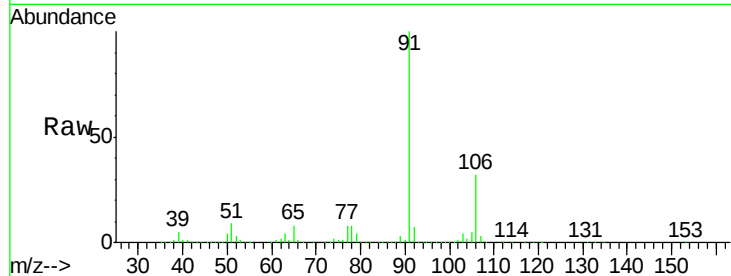
#67
Ethyl Benzene
Concen: 53.77 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 863246
Ion Ratio Lower Upper
91 100
106 32.4 25.5 38.3

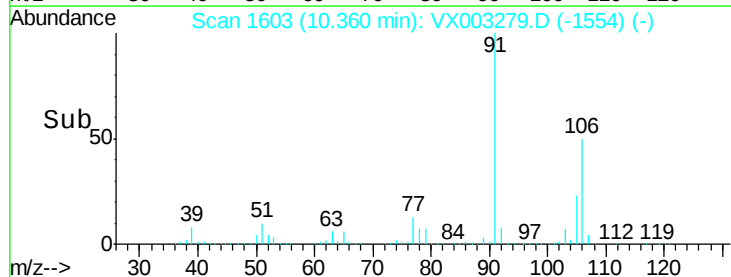
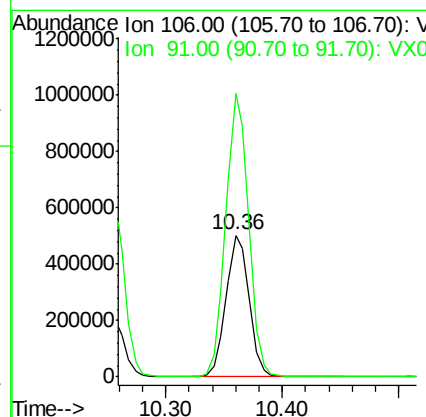
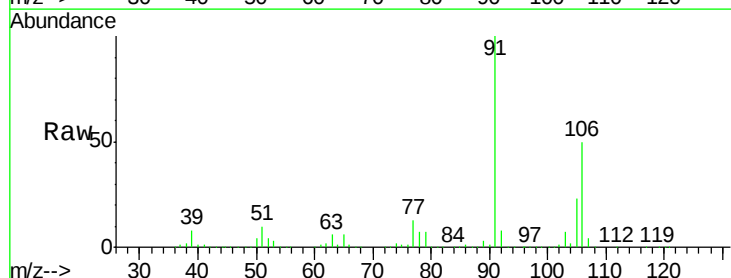
Manual Integrations
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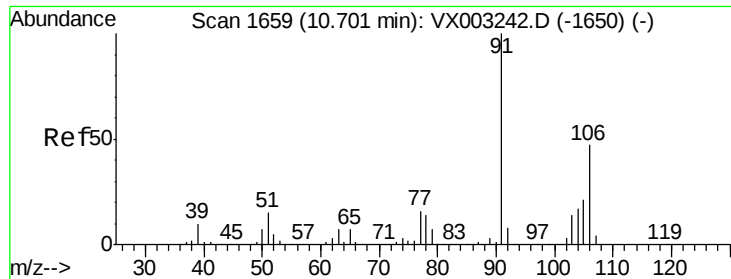
MMDadoda
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#68
m/p-Xylenes
Concen: 109.08 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 106 Resp: 681243
Ion Ratio Lower Upper
106 100
91 199.5 163.4 245.2





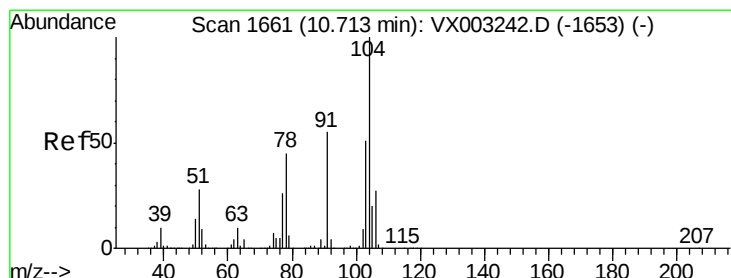
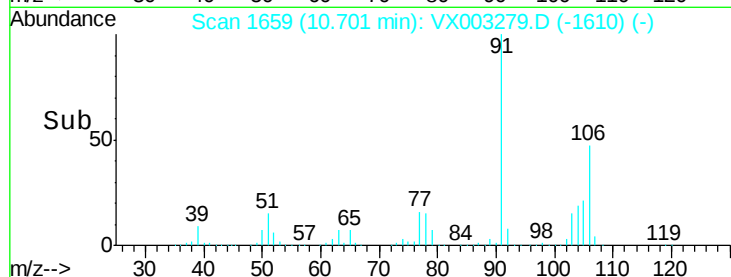
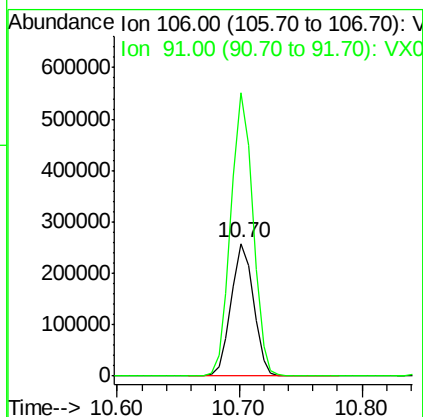
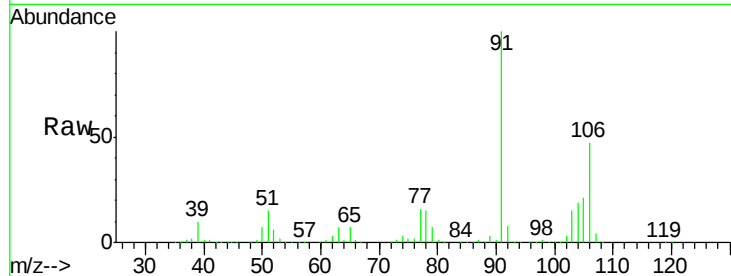
#69
o-Xylene
Concen: 53.89 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 326085
Ion Ratio Lower Upper
106 100
91 211.2 108.2 324.6

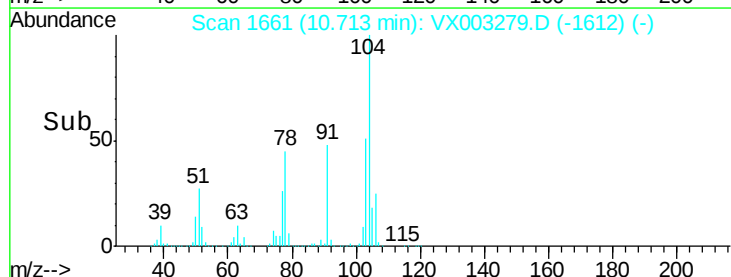
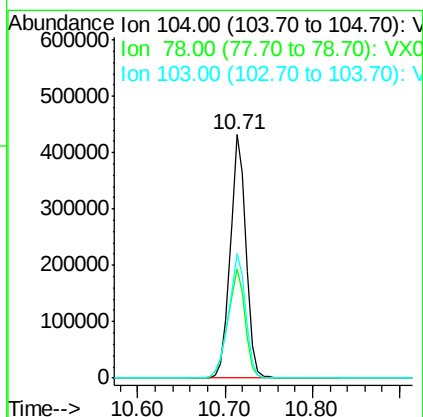
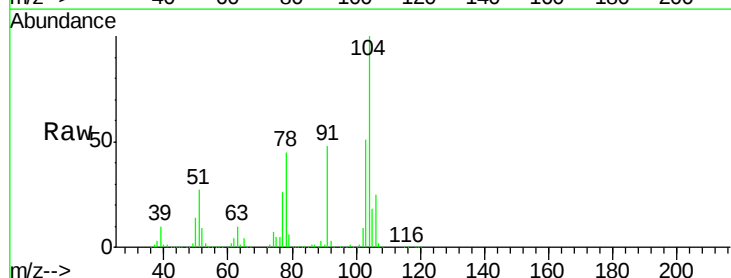
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#70
Styrene
Concen: 55.16 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion:104 Resp: 541196
Ion Ratio Lower Upper
104 100
78 48.9 41.0 61.6
103 55.5 44.2 66.4





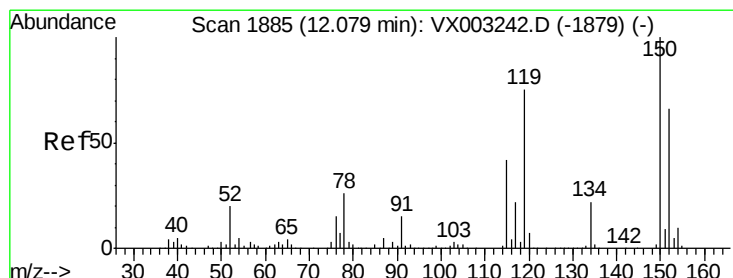
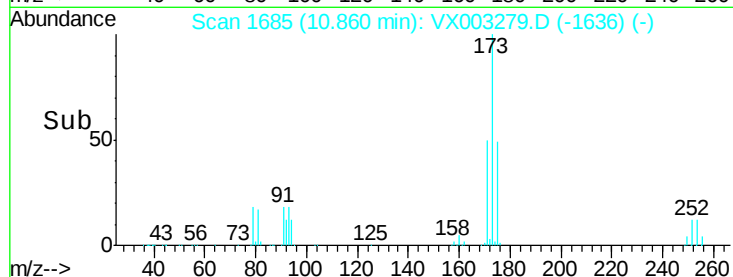
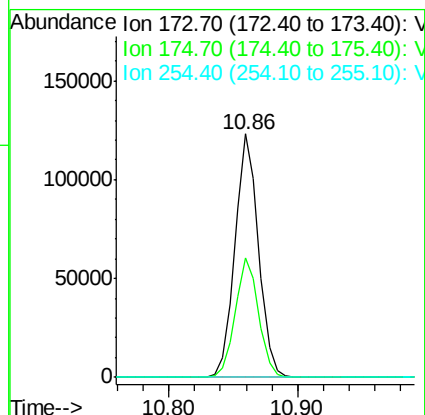
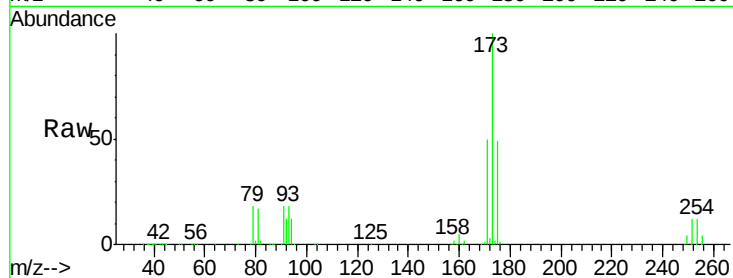
#71
Bromoform
Concen: 53.19 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.7	74.1
254	0.2	0.2	0.2

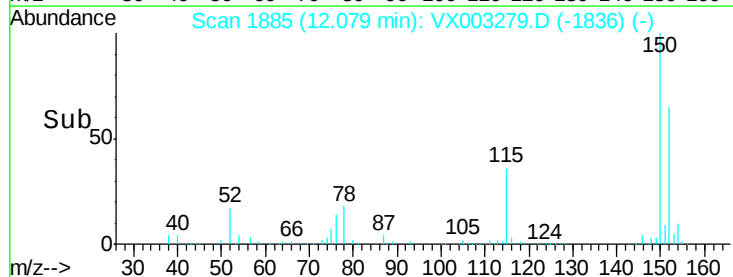
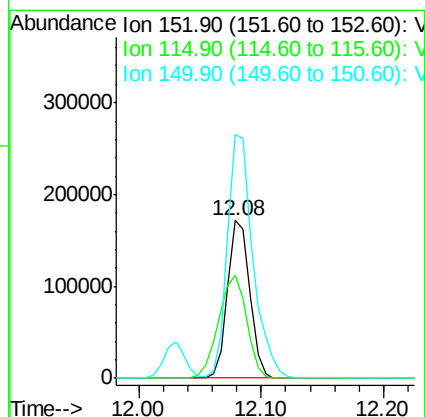
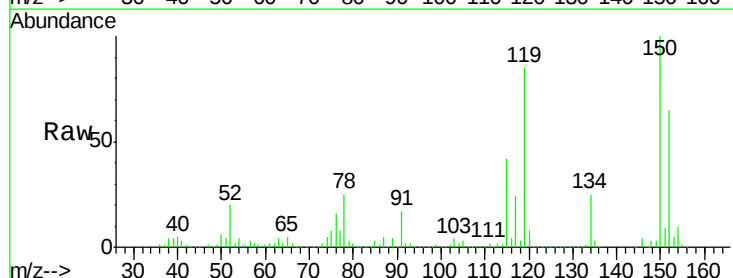
Manual Integrations
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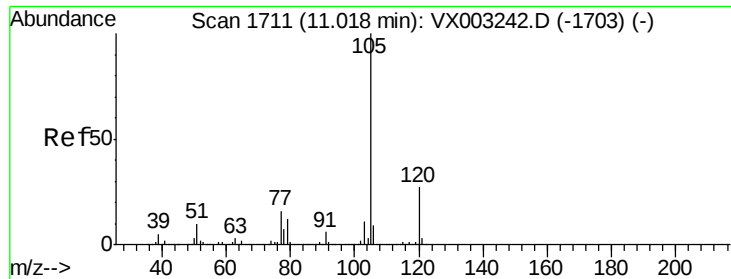
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.0	40.1	120.2
150	177.7	0.0	347.2





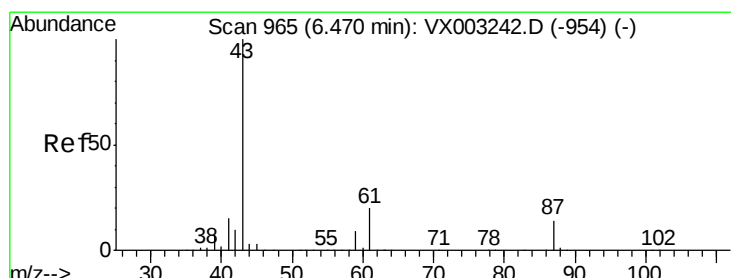
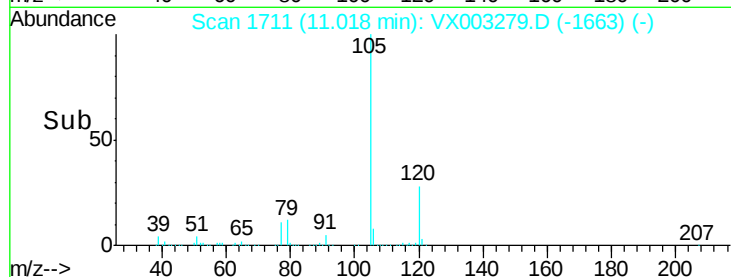
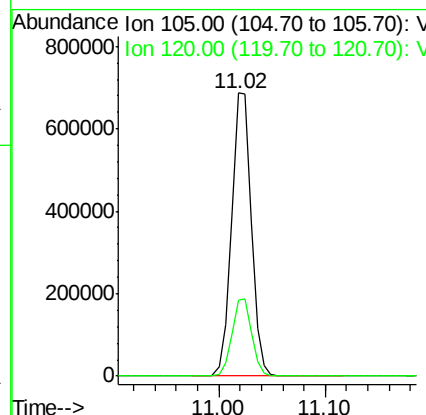
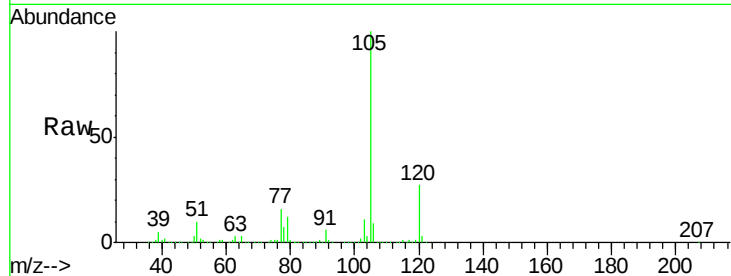
#73
Isopropylbenzene
Concen: 52.81 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.5	40.4

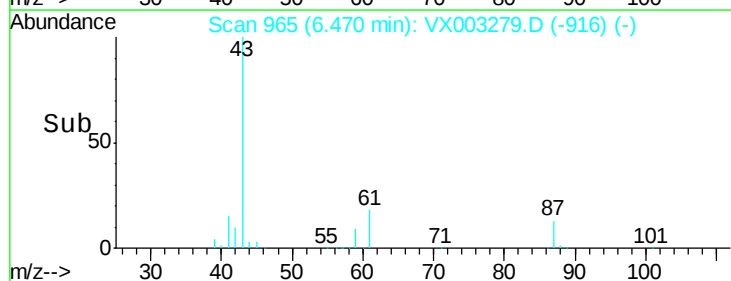
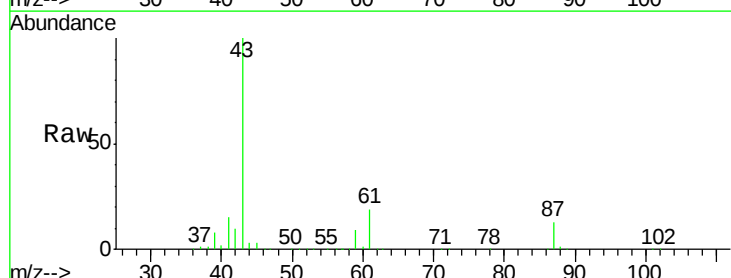
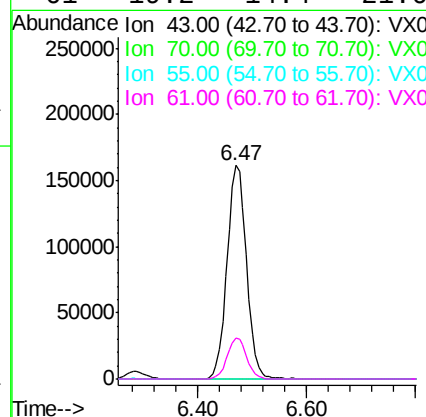
Manual Integrations
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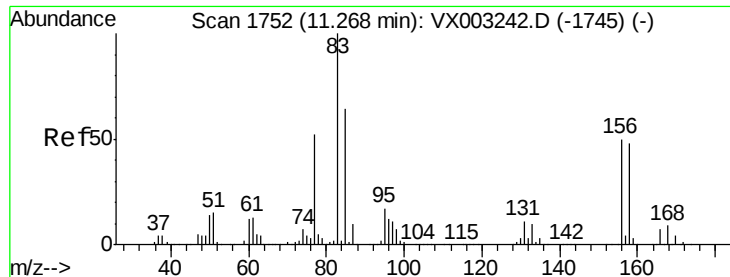
MMDadoda
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#74
N-ethyl acetate
Concen: 49.28 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.1	0.0	0.0#
61	19.2	14.4	21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.08 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 258542

Ion Ratio Lower Upper

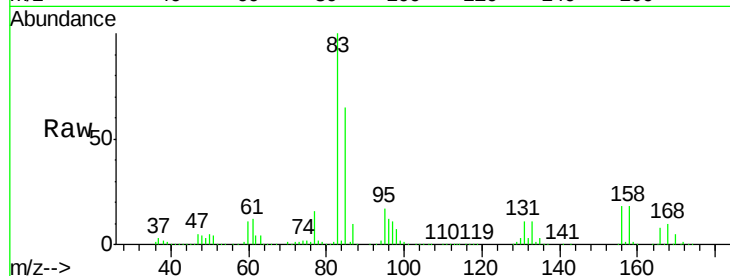
83 100

131 11.3 5.6 16.8

85 64.7 32.4 97.2

Manual Integrations
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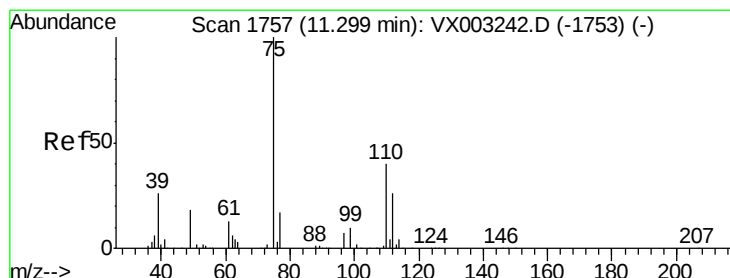
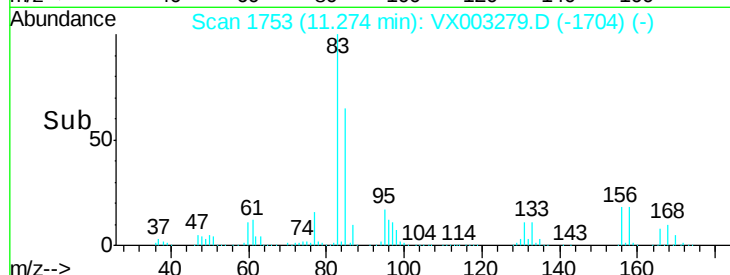
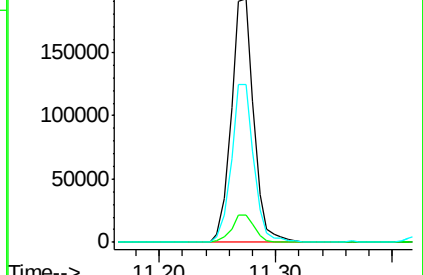
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 49.96 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003279.D

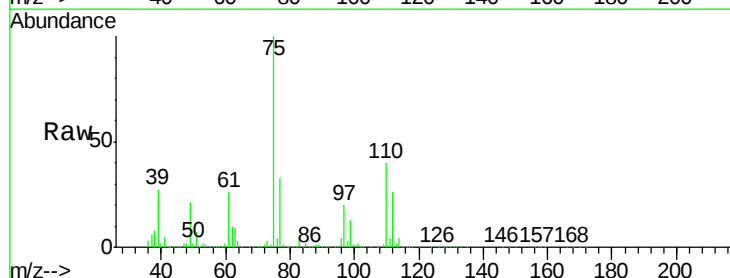
Acq: 10 Jul 2018 12:43

Tgt Ion: 75 Resp: 232259

Ion Ratio Lower Upper

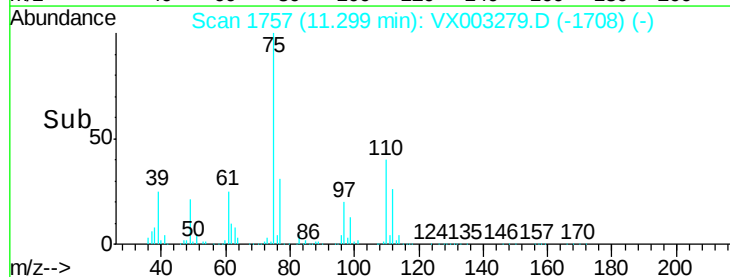
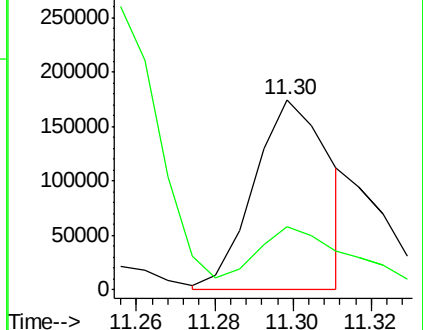
75 100

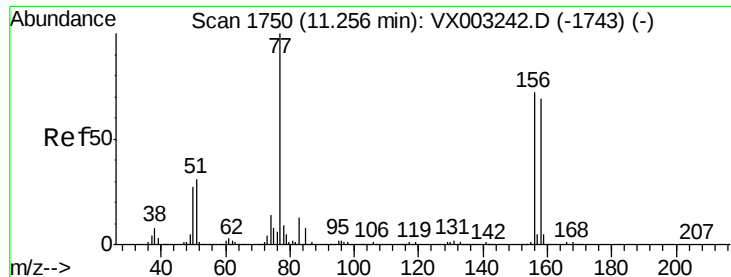
77 42.8 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.32 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

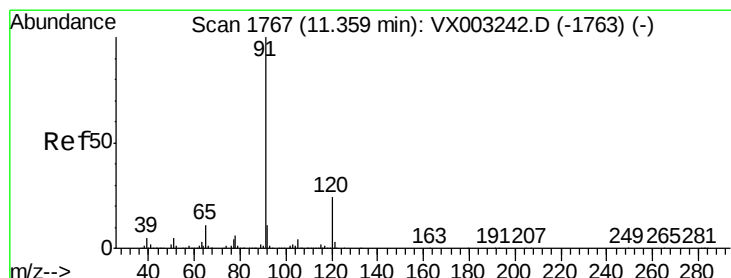
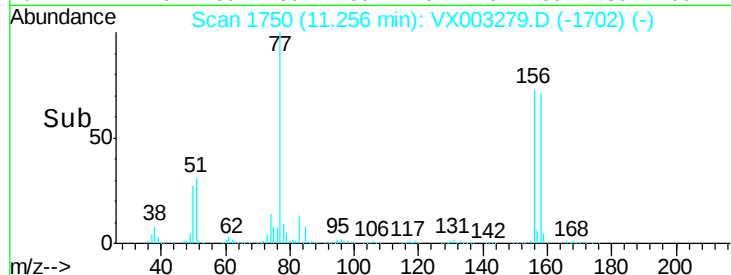
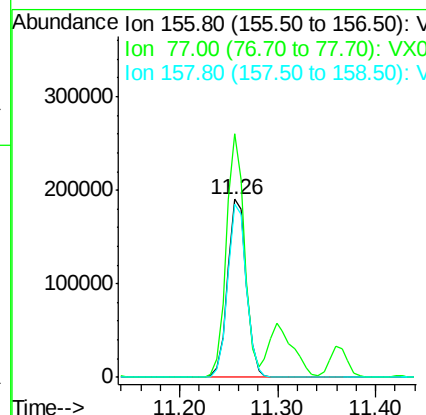
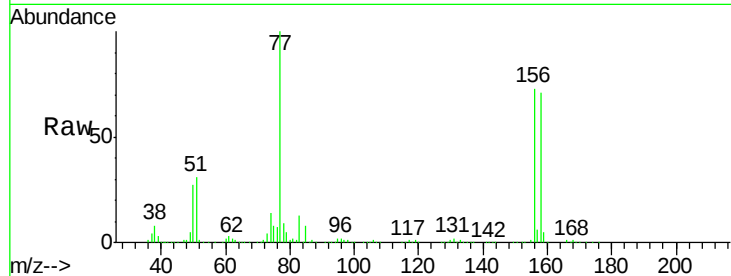
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	132.0	71.4	214.2
158	97.3	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 54.32 ug/l

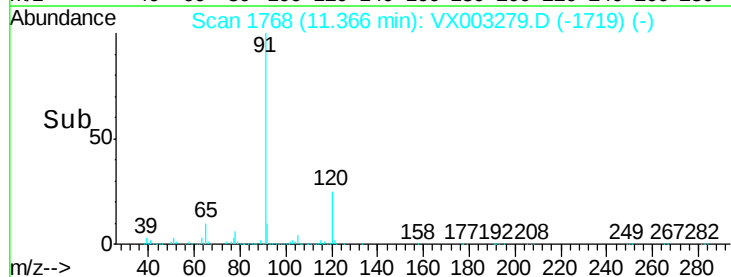
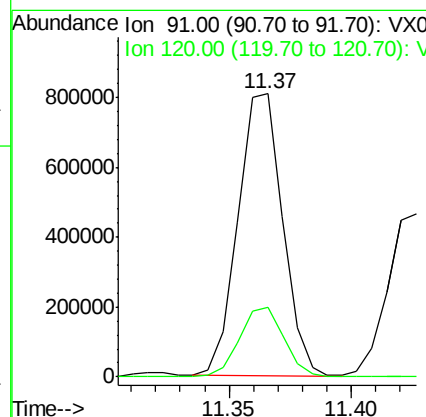
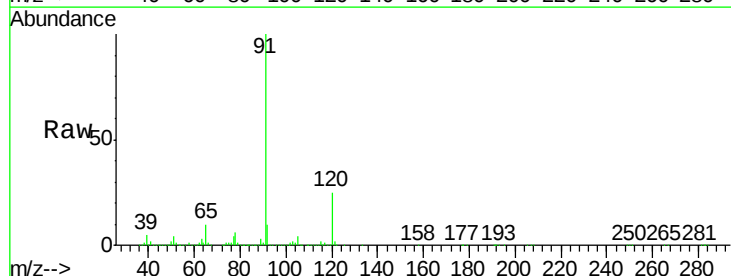
RT: 11.37 min Scan# 1768

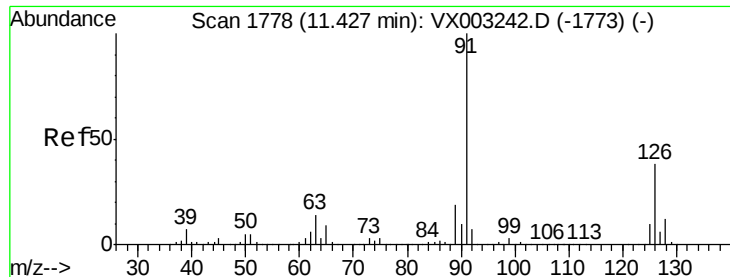
Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	11.8	35.4





#79

2-Chlorotoluene

Concen: 52.19 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 600373

Ion Ratio Lower Upper

91 100

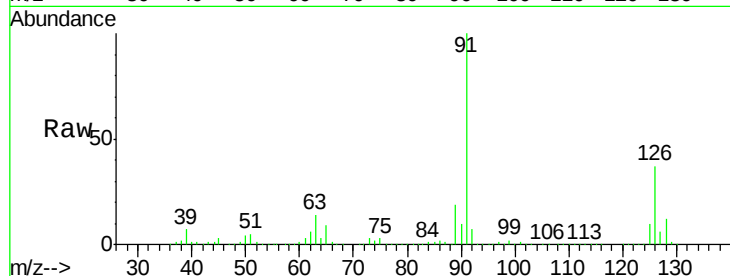
126 36.7 17.7 53.1

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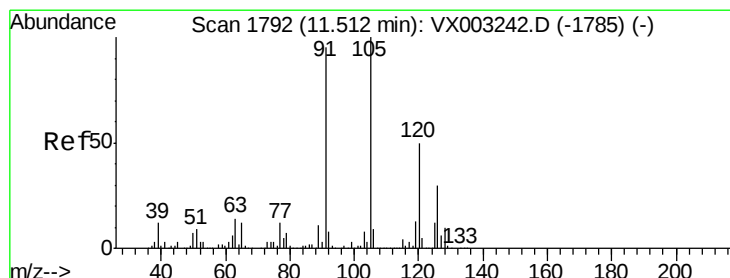
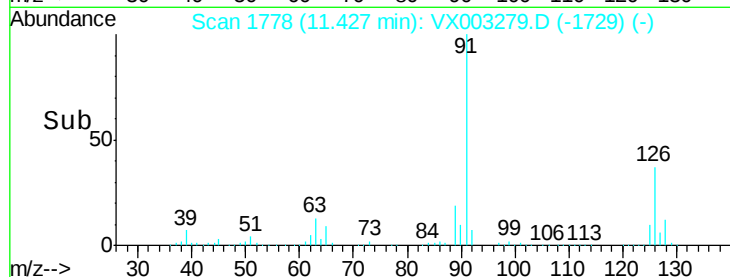
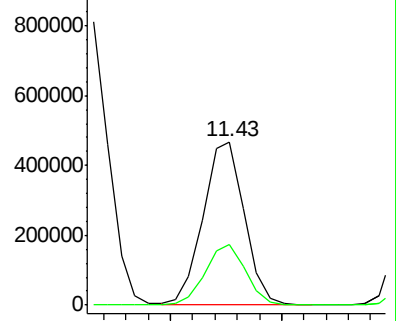
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Abundance Ion 91.00 (90.70 to 91.70): VX003279.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX003279.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.63 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003279.D

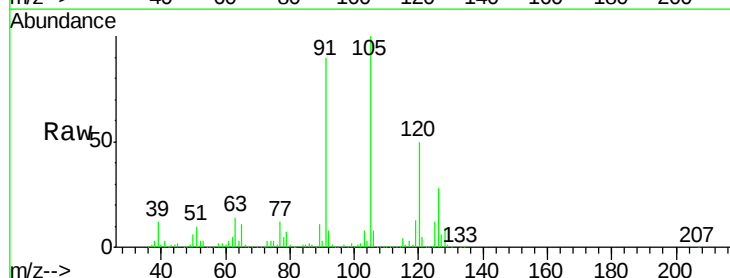
Acq: 10 Jul 2018 12:43

Tgt Ion: 105 Resp: 758417

Ion Ratio Lower Upper

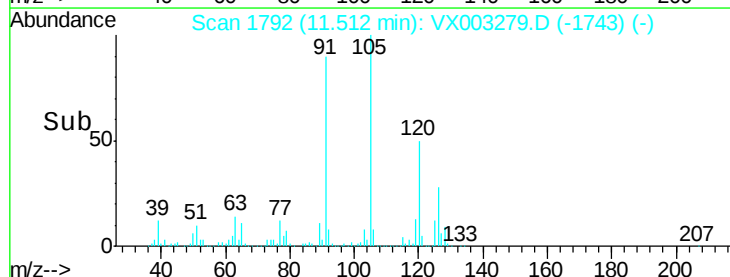
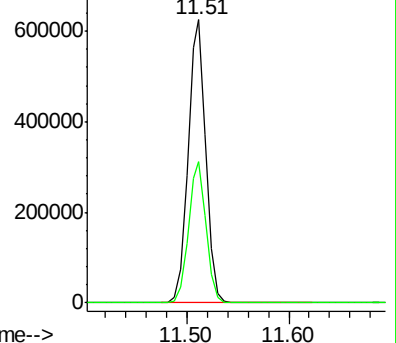
105 100

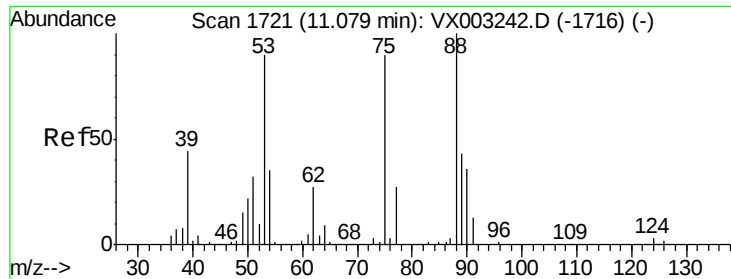
120 49.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003279.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX003279.D (-1743) (-)





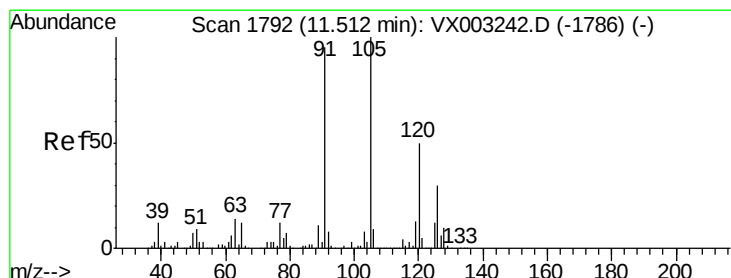
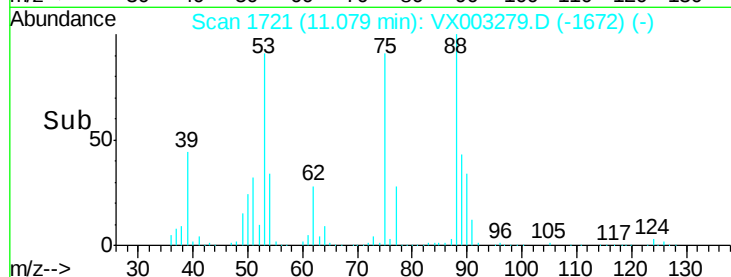
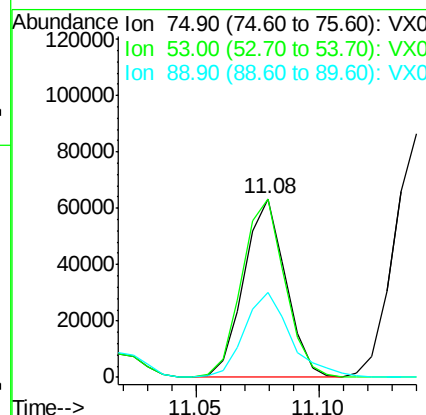
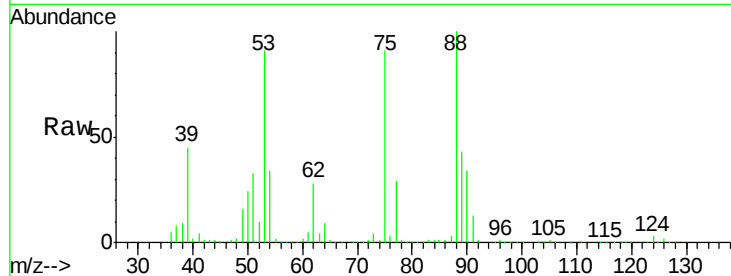
#81
trans-1,4-Dichloro-2-butene
Concen: 52.84 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 75167
Ion Ratio Lower Upper
75 100
53 102.9 86.8 130.2
89 53.0 38.2 57.2

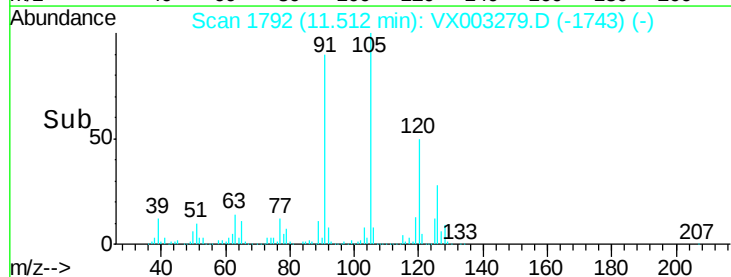
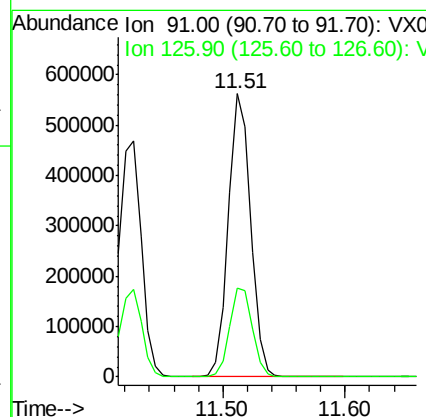
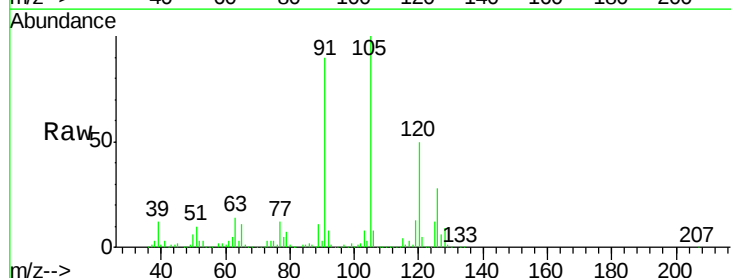
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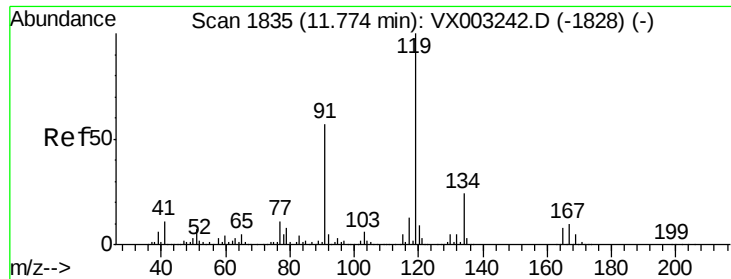
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#82
4-Chlorotoluene
Concen: 52.79 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion: 91 Resp: 709103
Ion Ratio Lower Upper
91 100
126 31.9 15.4 46.4





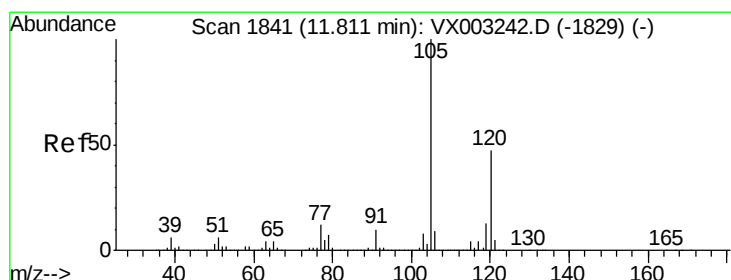
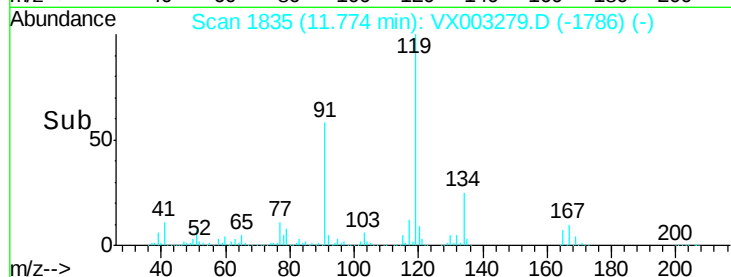
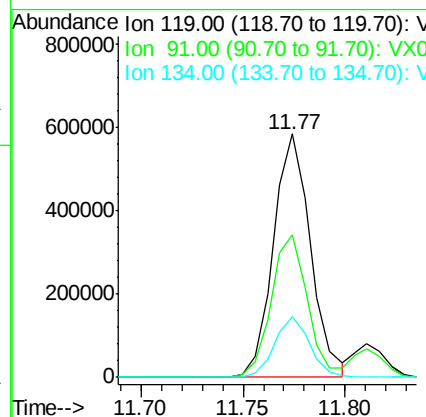
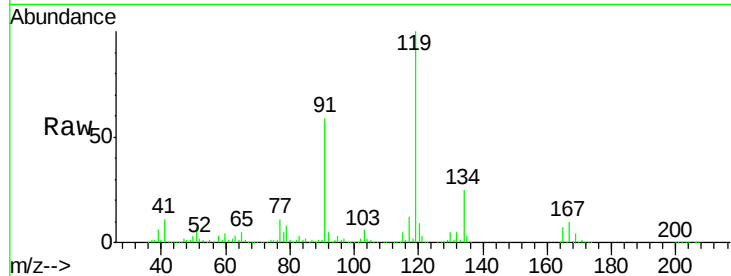
#83
 tert-Butylbenzene
 Concen: 52.44 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	30.3	90.9
134	23.8	11.7	35.1

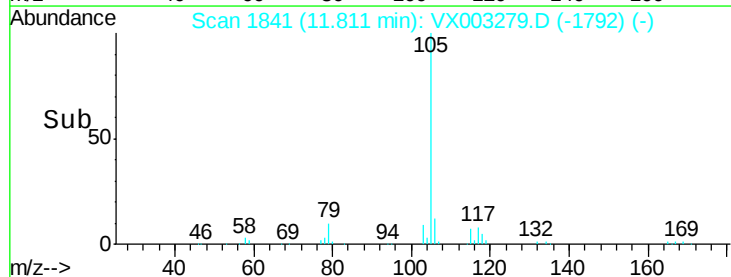
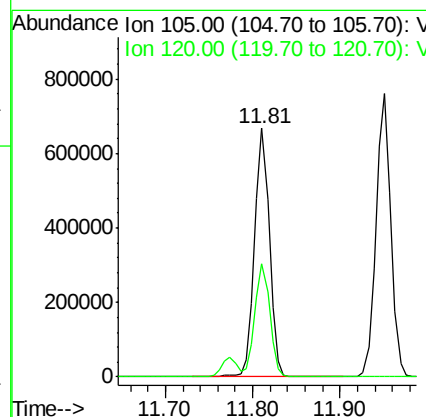
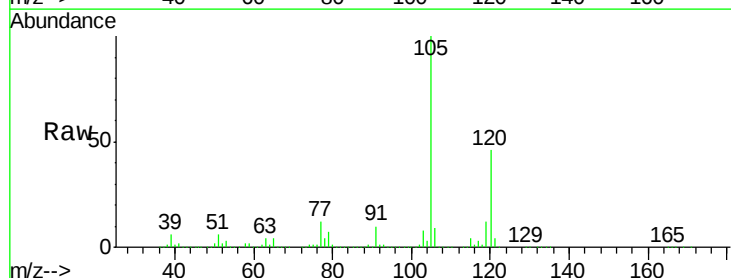
Manual Integrations
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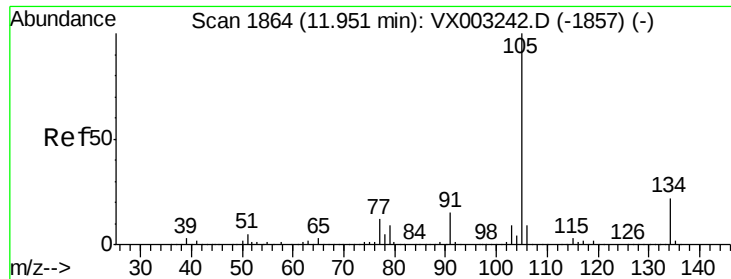
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.71 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.3	66.8





#85

sec-Butylbenzene

Concen: 54.34 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 907302

Ion Ratio Lower Upper

105 100

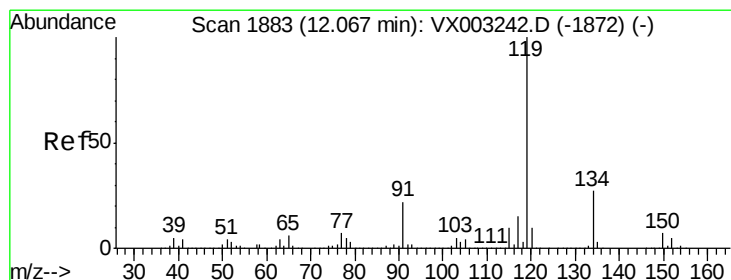
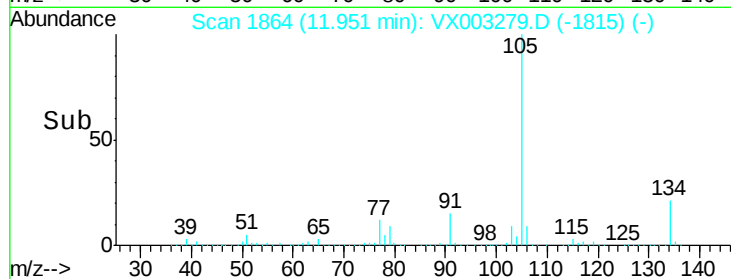
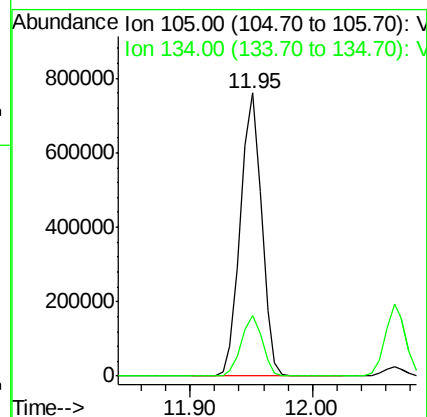
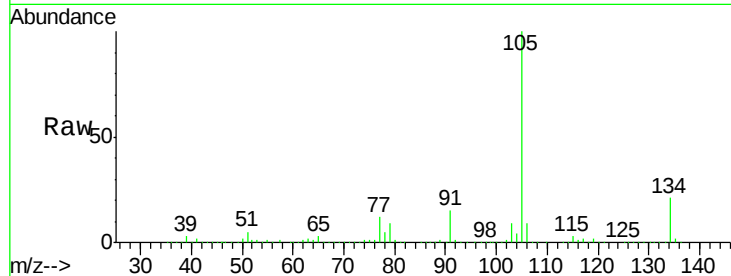
134 21.2 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 54.50 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

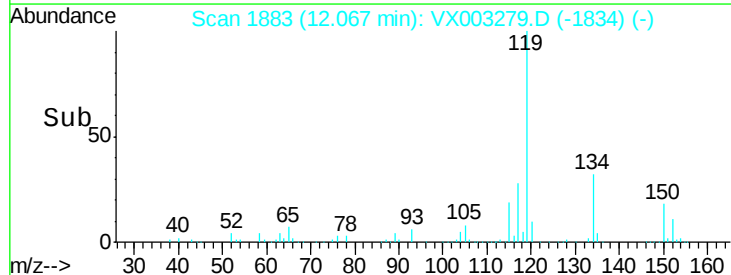
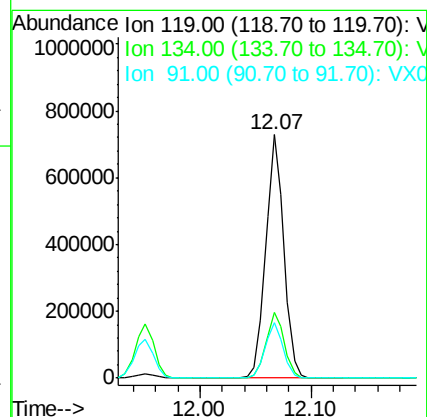
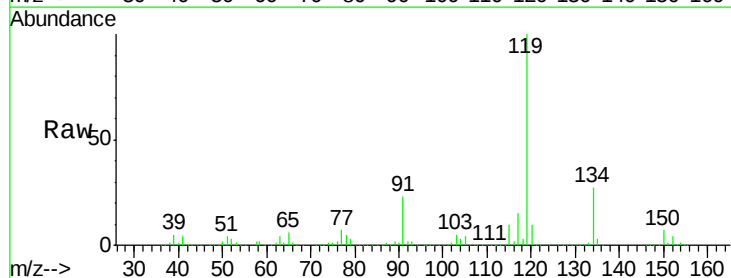
Tgt Ion:119 Resp: 829121

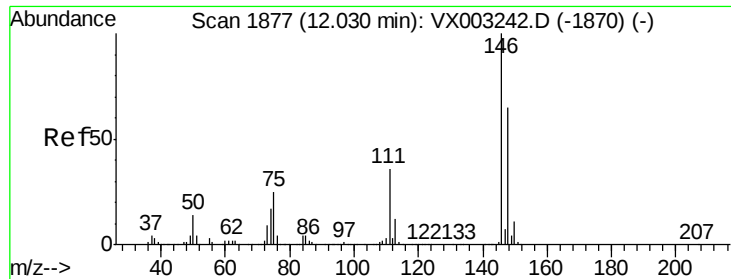
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 22.6 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 51.40 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

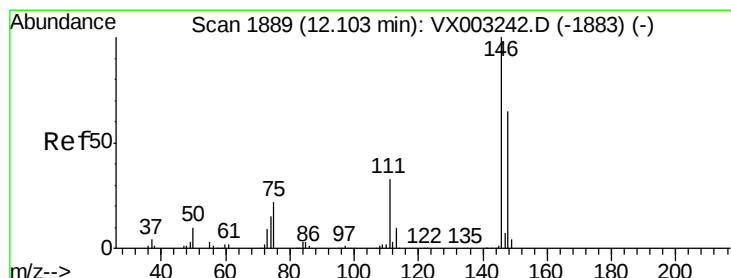
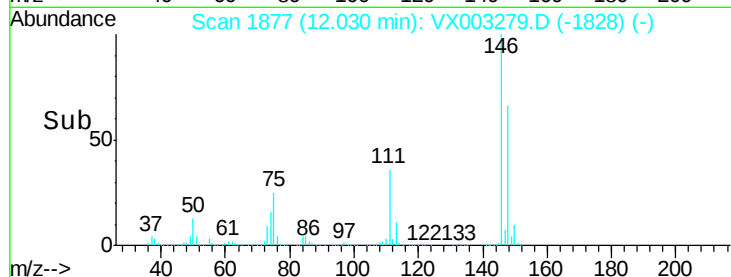
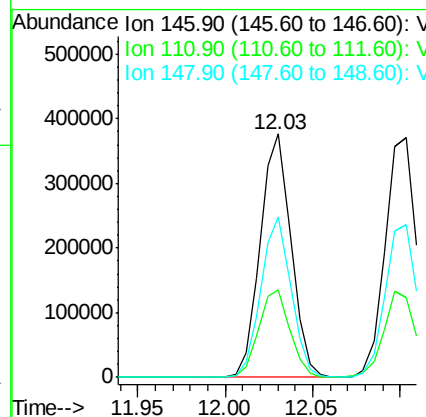
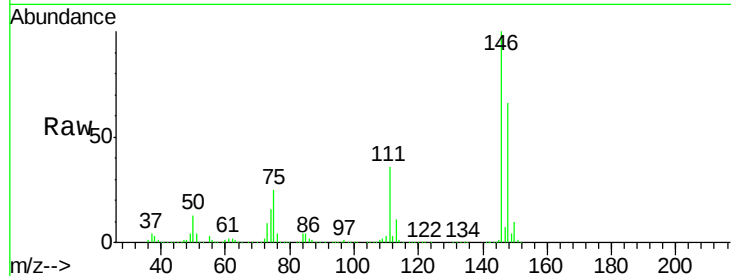
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	462393
Ion Ratio	Lower	Upper	
146	100		
111	36.5	18.9	56.7
148	64.7	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 51.43 ug/l

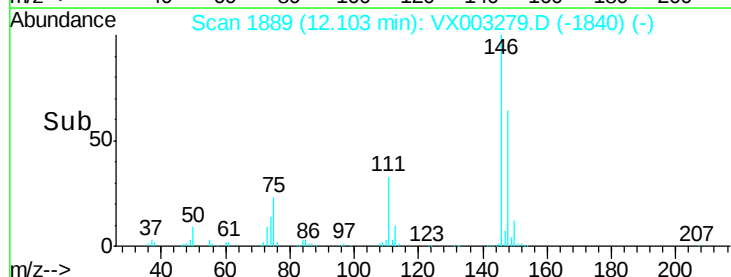
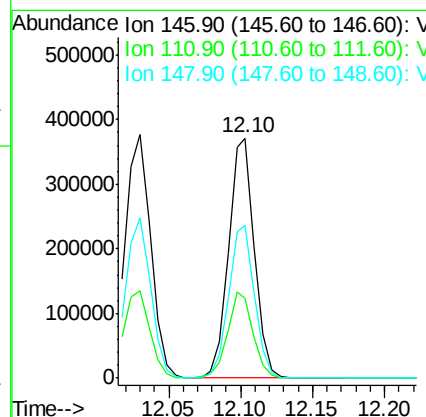
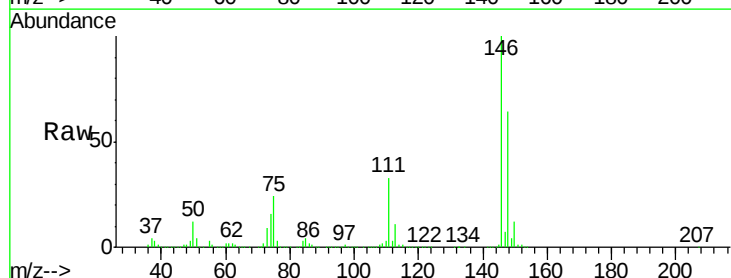
RT: 12.10 min Scan# 1889

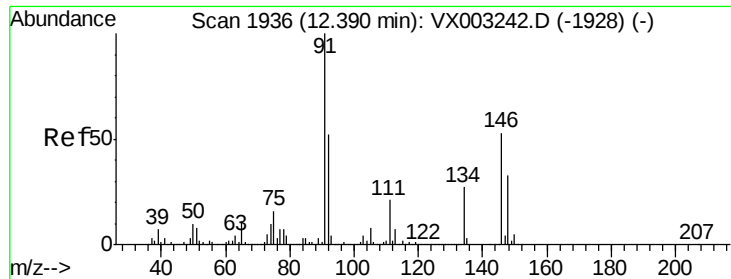
Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Tgt Ion:	146	Resp:	468343
Ion Ratio	Lower	Upper	
146	100		
111	35.4	18.7	56.1
148	64.1	32.4	97.0





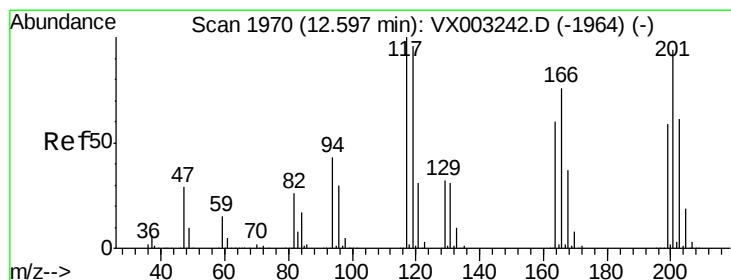
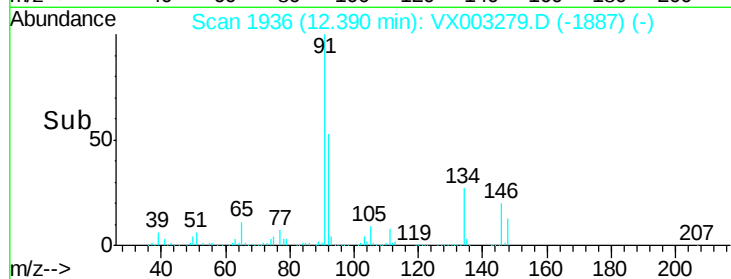
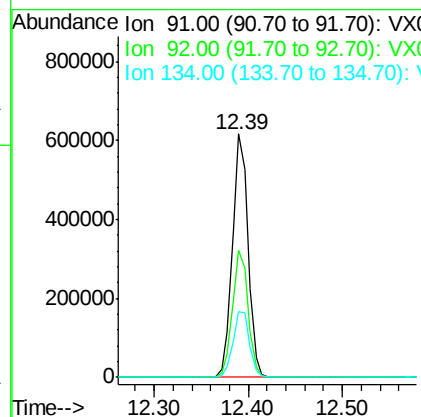
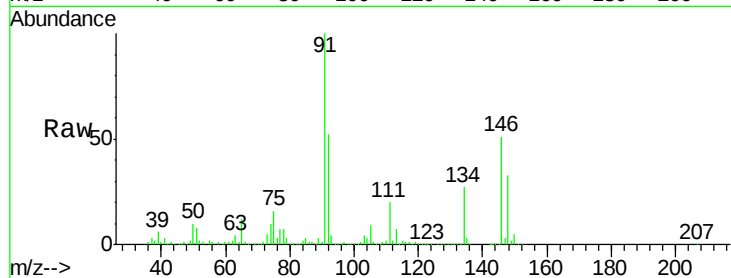
#89
n-Butylbenzene
Concen: 55.73 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		708366		
92	52.4	26.0		78.0	
134	28.4	13.5		40.5	

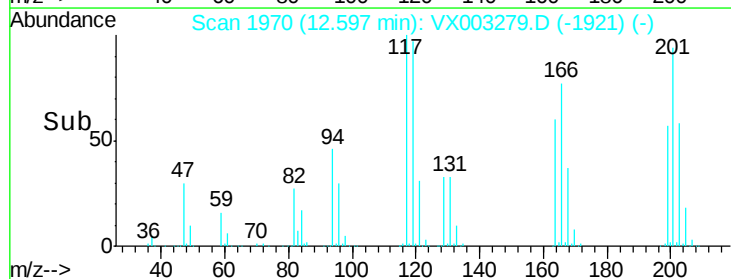
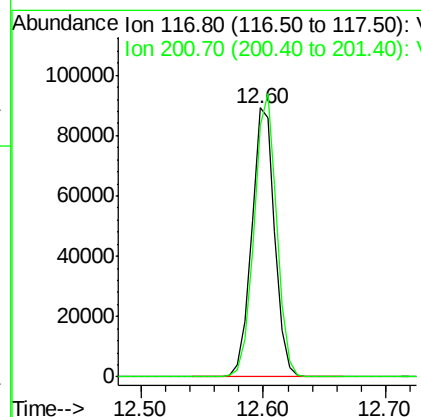
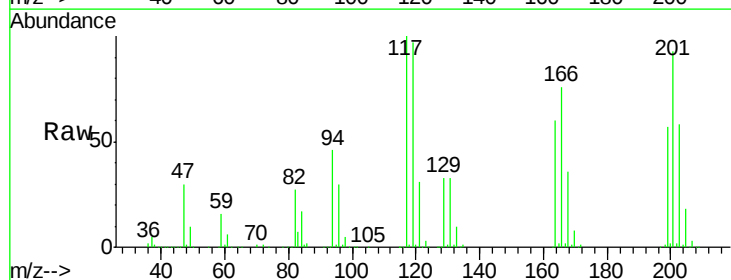
Manual Integrations
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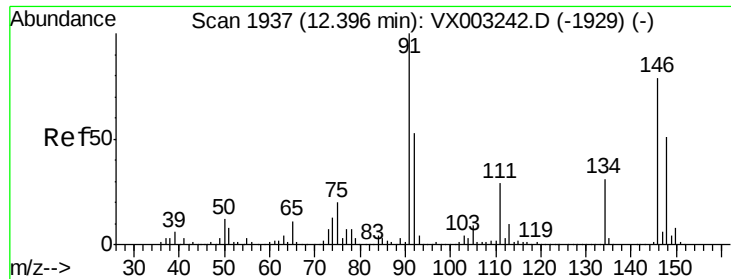
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#90
Hexachloroethane
Concen: 50.06 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		116271		
201	103.2	49.0		147.0	





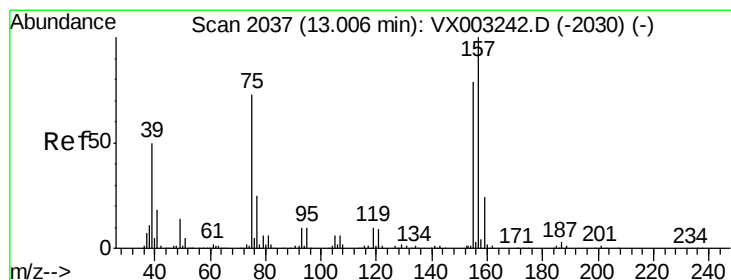
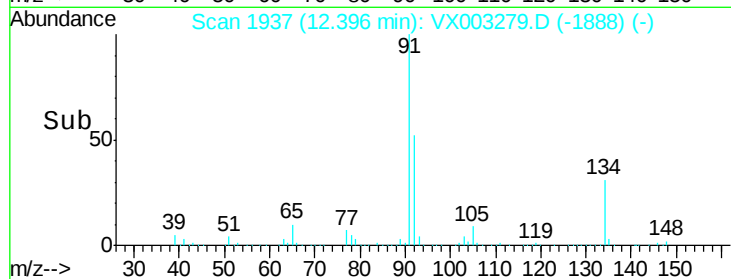
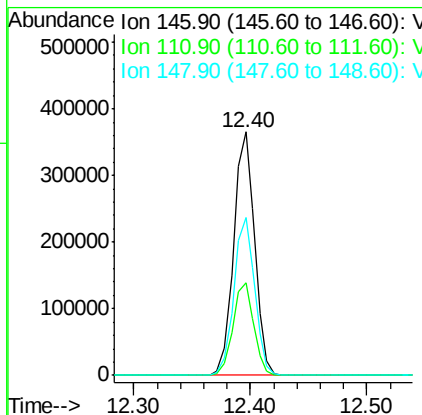
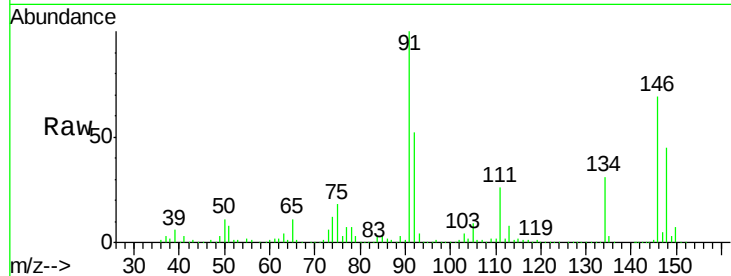
#91
1,2-Dichlorobenzene
Concen: 50.56 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.1
148	64.4	31.7	95.1

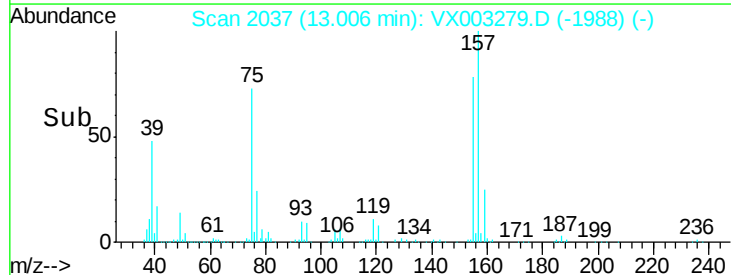
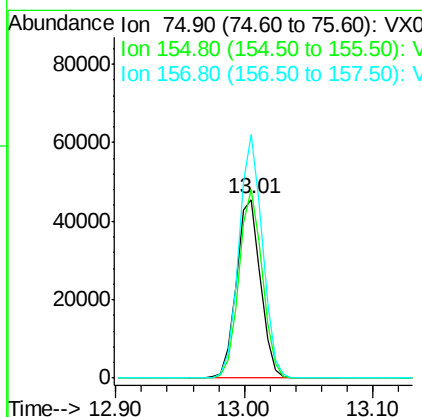
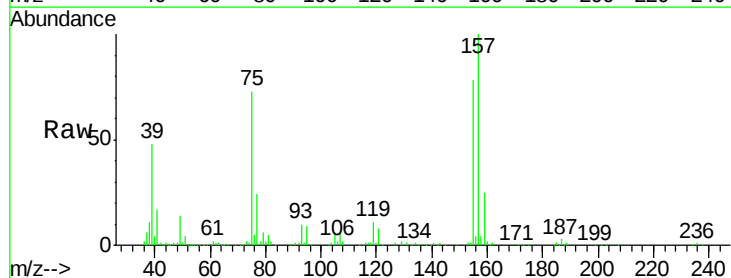
Manual Integrations
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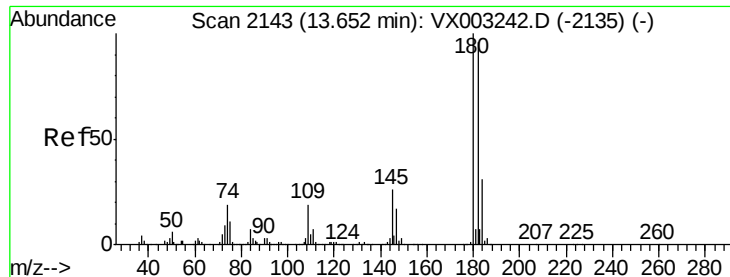
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 52.38 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX003279.D
Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.5	45.8	137.4
157	131.3	60.1	180.3





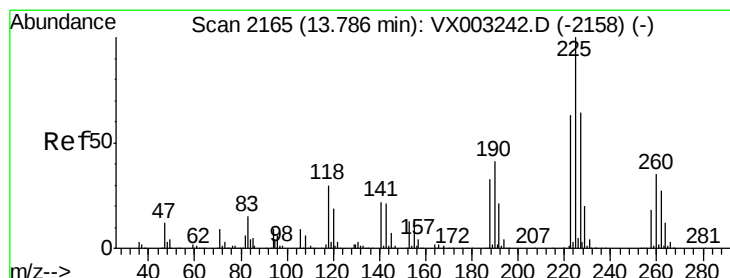
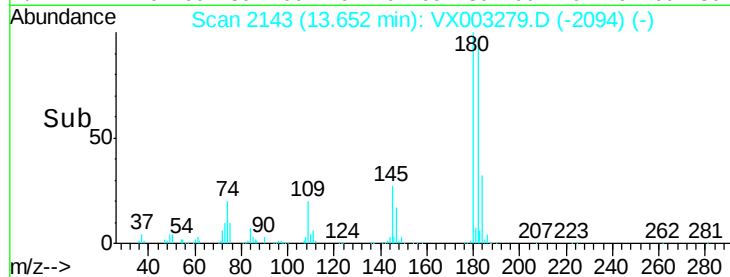
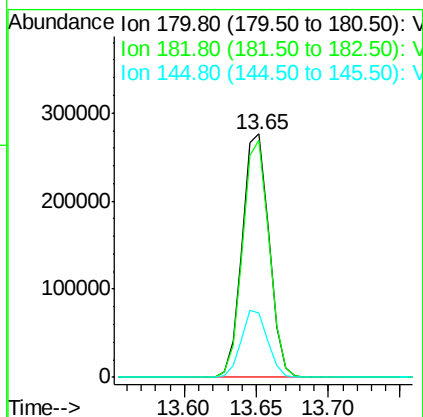
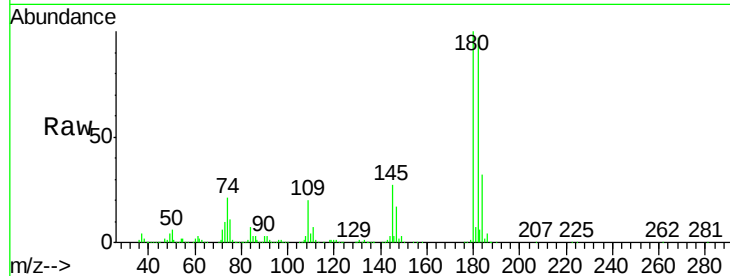
#93
 1,2,4-Trichlorobenzene
 Concen: 54.03 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.4	47.7	143.1	
145	27.3	14.1	42.4	

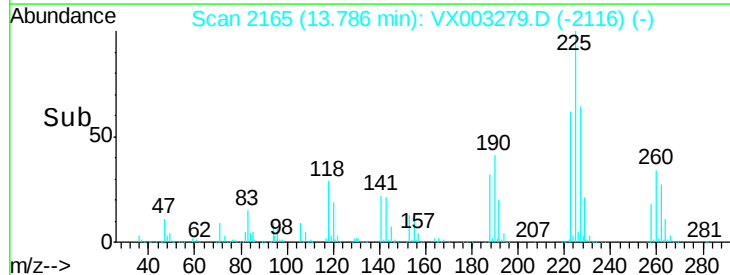
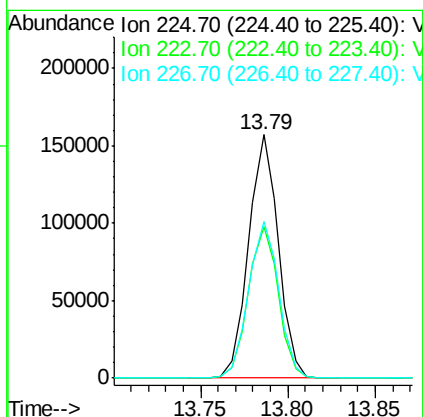
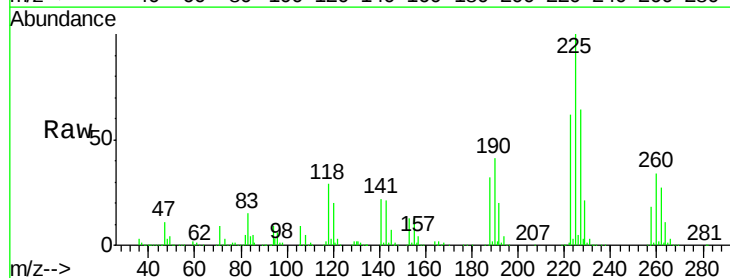
Manual Integrations
 APPROVED

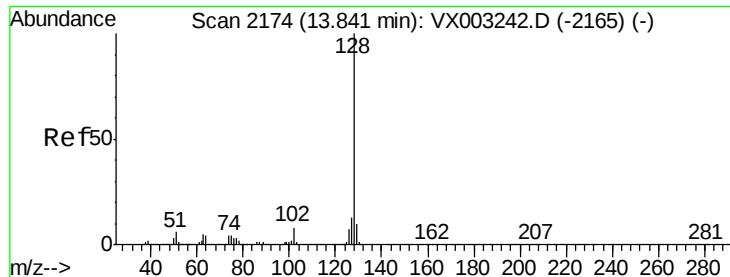
MMDadoda
 7/11/2018 3:09:24 PM



#94
 Hexachlorobutadiene
 Concen: 56.55 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003279.D
 Acq: 10 Jul 2018 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	31.6	95.0	
227	65.2	32.4	97.2	





#95

Naphthalene

Concen: 55.73 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Instrument :

MSVOA_X

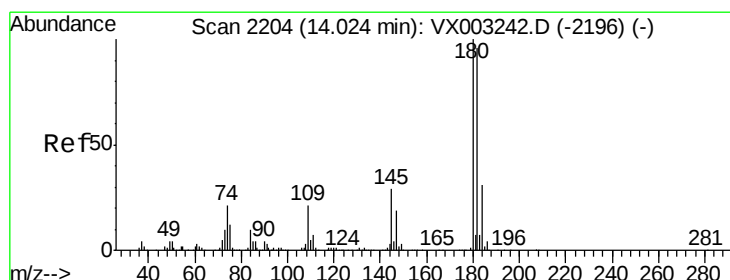
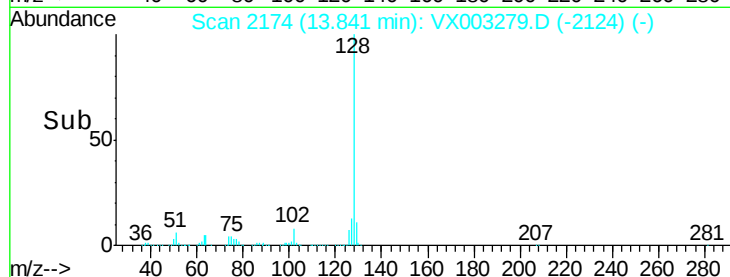
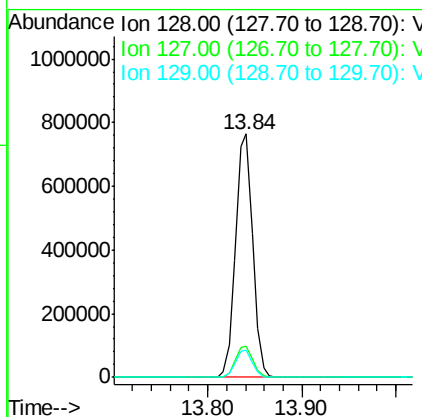
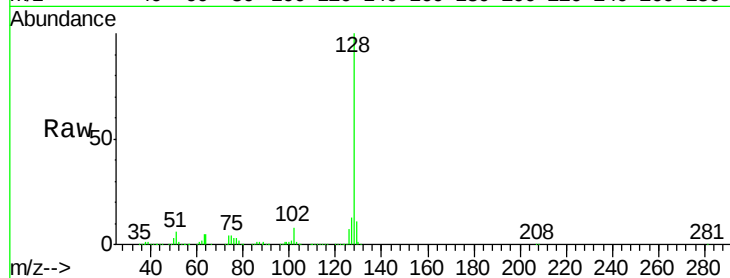
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	958571
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/11/2018 3:09:24 PM



#96

1,2,3-Trichlorobenzene

Concen: 54.46 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003279.D

Acq: 10 Jul 2018 12:43

Tgt Ion:	180	Resp:	357053
Ion Ratio	Lower	Upper	
180	100		
182	96.8	48.0	144.0
145	29.2	14.8	44.3

